

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001172.D
 Acq On : 27 Apr 2018 16:03
 Operator : JC/MD
 Sample : J2463-15DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW045-180416DL

Quant Time: Apr 28 03:47:59 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	200868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	142875	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
35) Dibromofluoromethane	5.51	113	111201	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
50) Toluene-d8	8.72	98	422534	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.14	95	146218	42.62	ug/l	0.00
Spiked Amount			Recovery	=	85.24%	

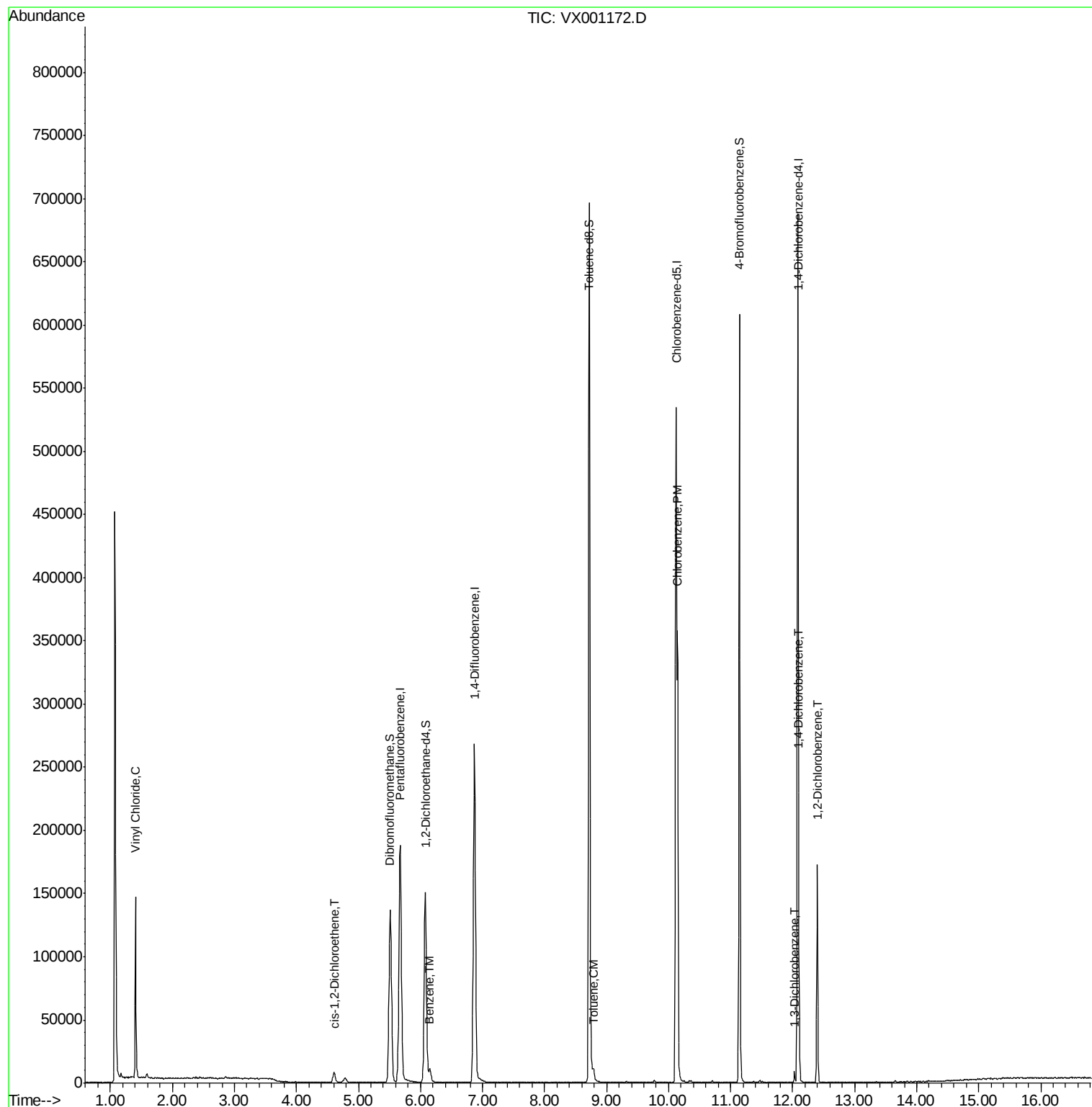
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	90284	38.57	ug/l	99
27) cis-1,2-Dichloroethene	4.62	96	4838	1.97	ug/l	90
40) Benzene	6.15	78	11190	1.25	ug/l	94
52) Toluene	8.79	92	2104	0.36	ug/l	96
65) Chlorobenzene	10.15	112	147839	22.41	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	2603	0.52	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	19978	3.84	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	54438	10.78	ug/l	99

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

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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: VX001172.D

Acq: 27 Apr 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

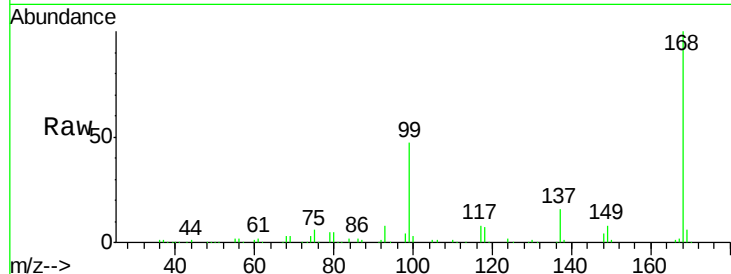
LF015MW045-180416DL

Tot Ion:168 Resp: 200868

Ion Ratio Lower Upper

168 100

99 46.9 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

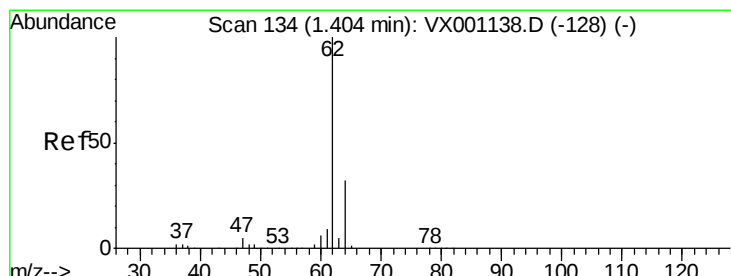
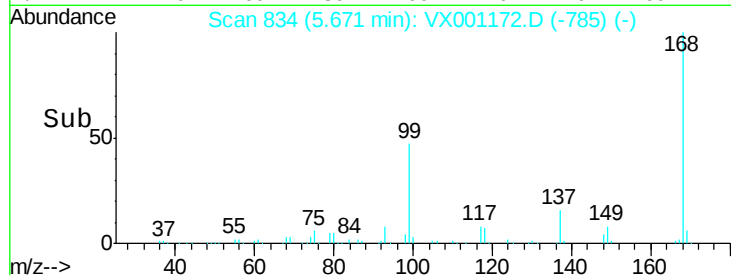
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 38.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001172.D

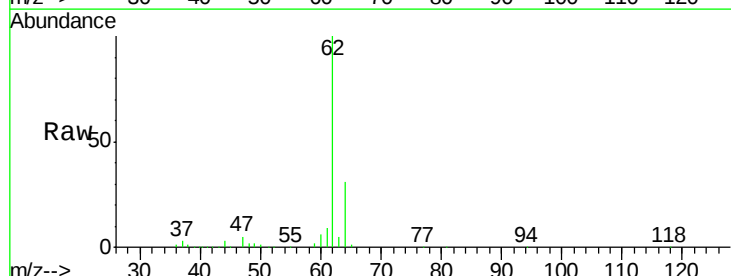
Acq: 27 Apr 2018 16:03

Tgt Ion: 62 Resp: 90284

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

100000

80000

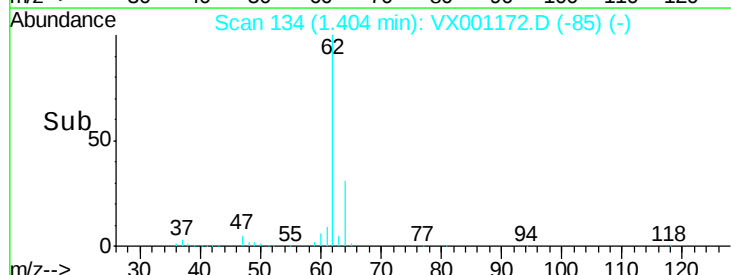
60000

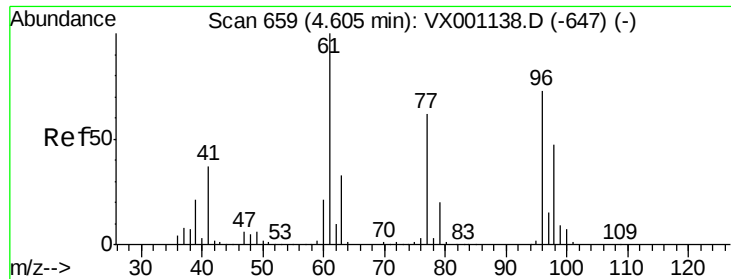
40000

20000

0

Time--> 1.40 1.50



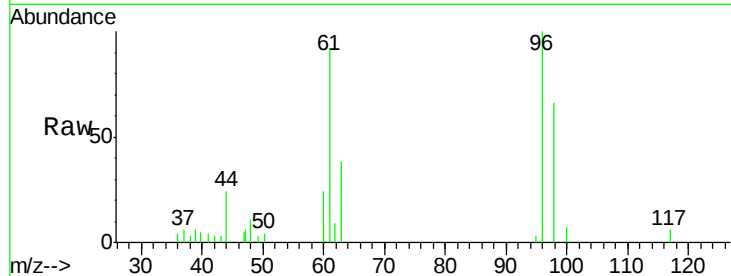


#27

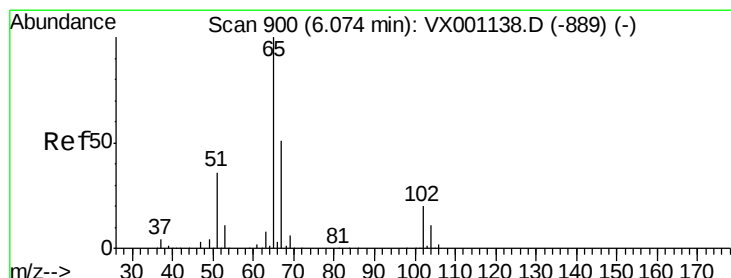
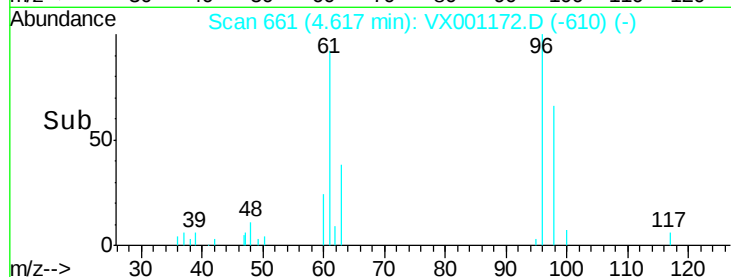
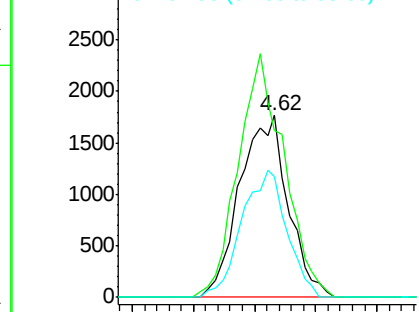
cis-1,2-Dichloroethene
Concen: 1.97 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX001172.D
Acq: 27 Apr 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416DL

Tot Ion: 96 Resp: 4838
Ion Ratio Lower Upper
96 100
61 126.9 0.0 289.0
98 65.1 0.0 128.2



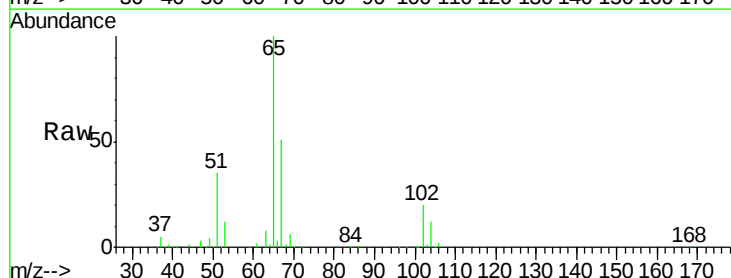
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



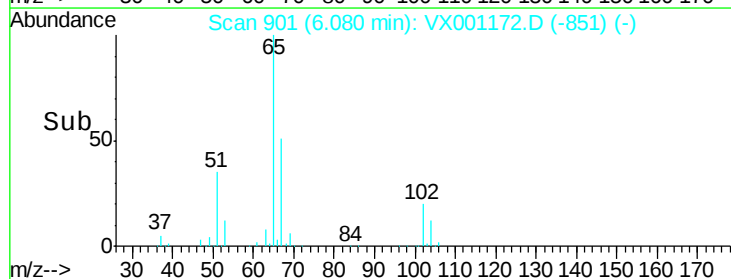
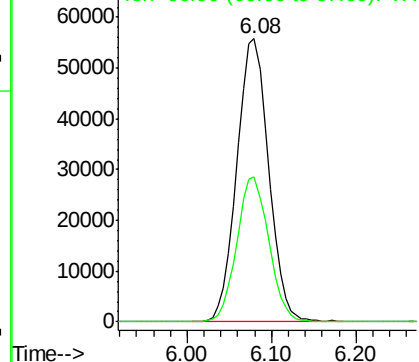
#33

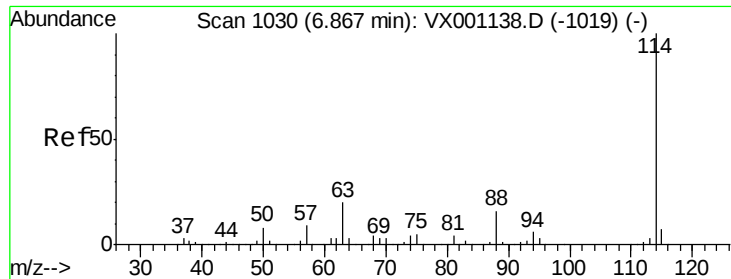
1,2-Dichloroethane-d4
Concen: 45.89 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001172.D
Acq: 27 Apr 2018 16:03

Tgt Ion: 65 Resp: 142875
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

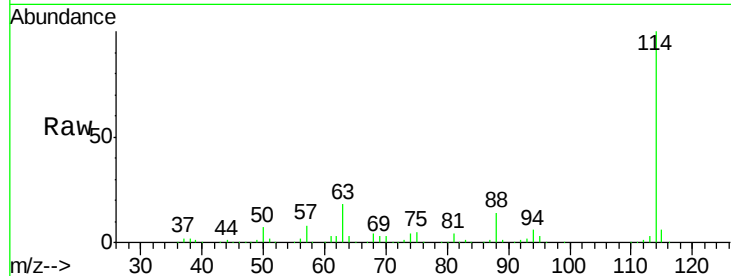




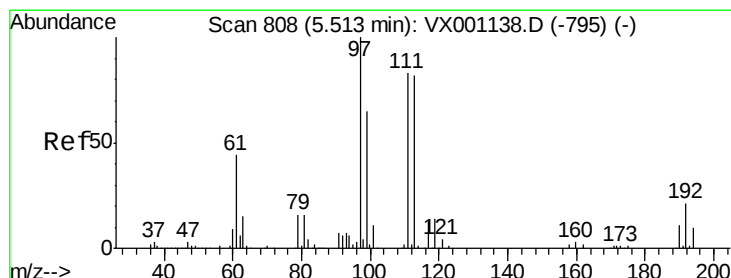
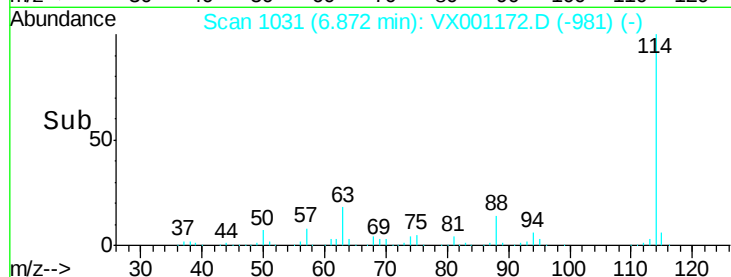
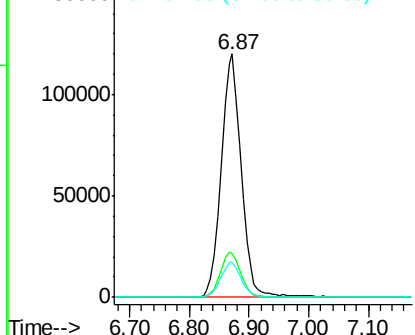
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001172.D
 Acq: 27 Apr 2018 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW045-180416DL

Tot Ion:114 Resp: 281185
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 40.4
 88 14.2 0.0 31.8

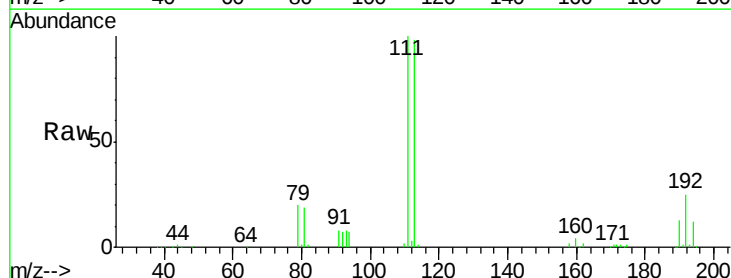


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

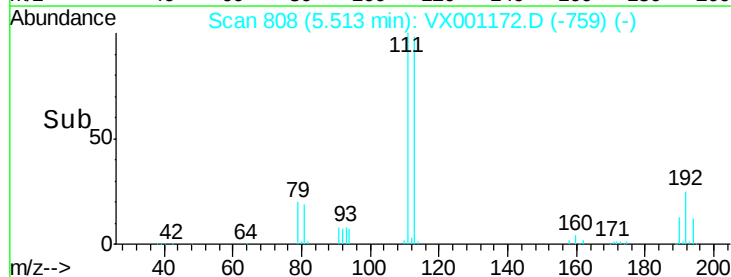
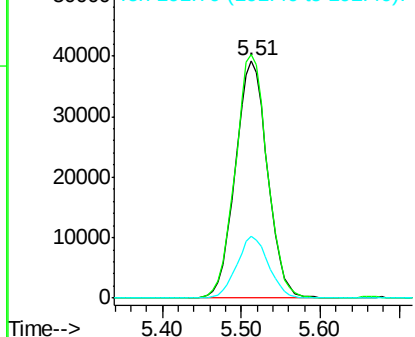


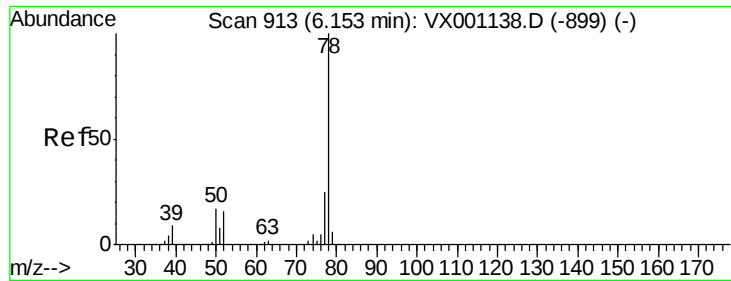
#35
 Dibromofluoromethane
 Concen: 47.78 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001172.D
 Acq: 27 Apr 2018 16:03

Tgt Ion:113 Resp: 111201
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 25.6 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

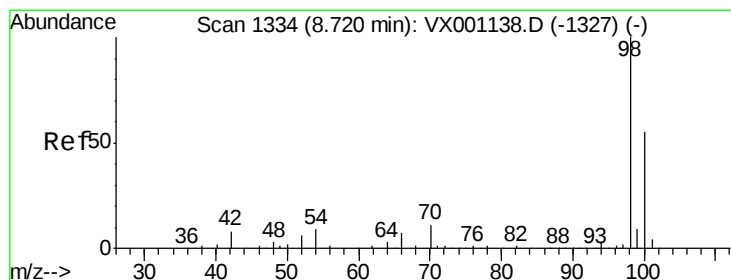
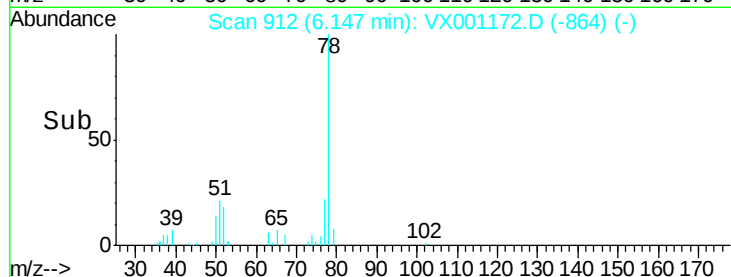
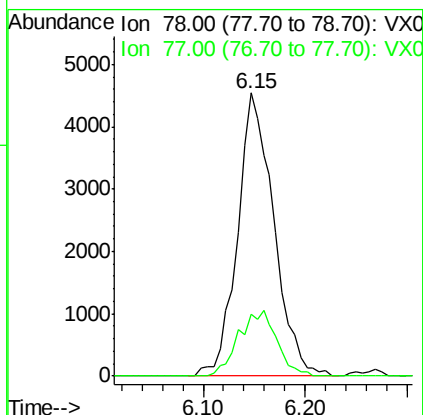
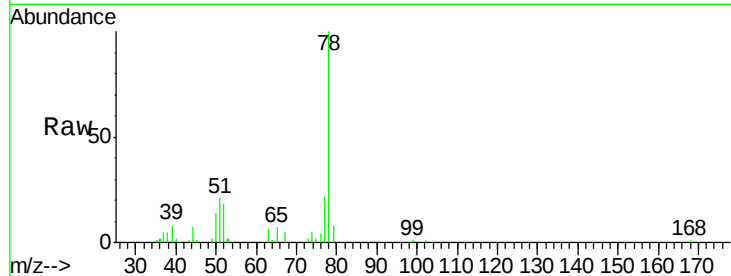




#40
Benzene
Concen: 1.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001172.D
Acq: 27 Apr 2018 16:03

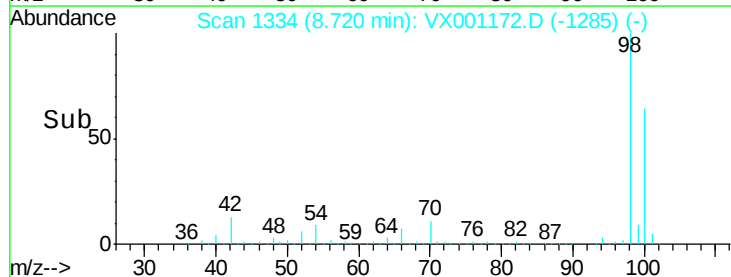
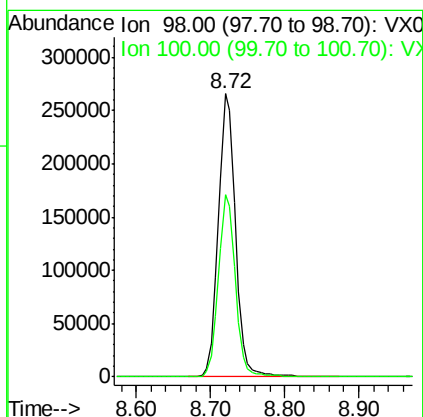
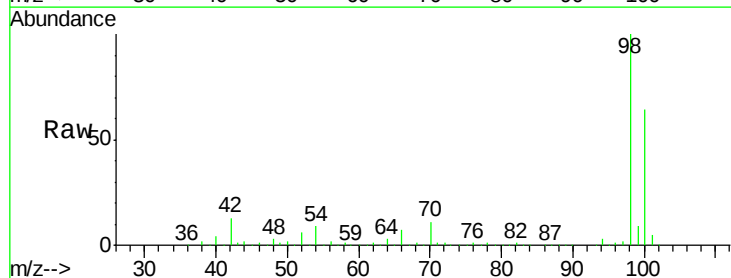
Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416DL

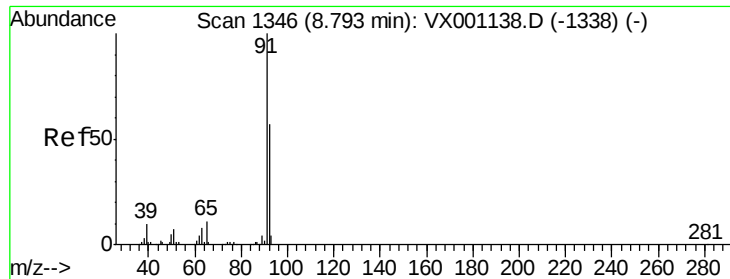
Tot Ion: 78 Resp: 11190
Ion Ratio Lower Upper
78 100
77 21.7 19.7 29.5



#50
Toluene-d8
Concen: 48.11 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001172.D
Acq: 27 Apr 2018 16:03

Tgt Ion: 98 Resp: 422534
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6





#52

Toluene

Concen: 0.36 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001172.D

Acq: 27 Apr 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

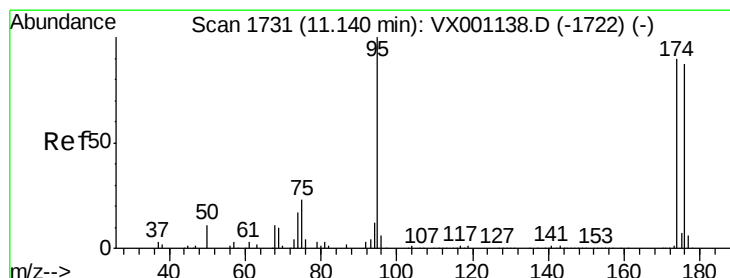
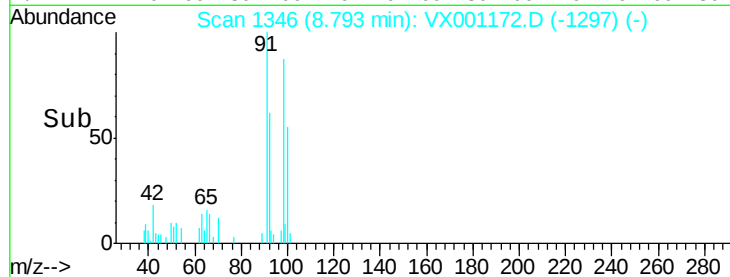
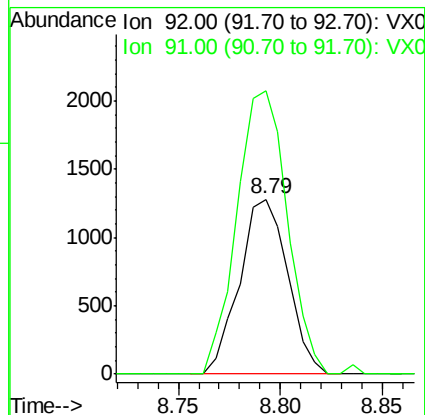
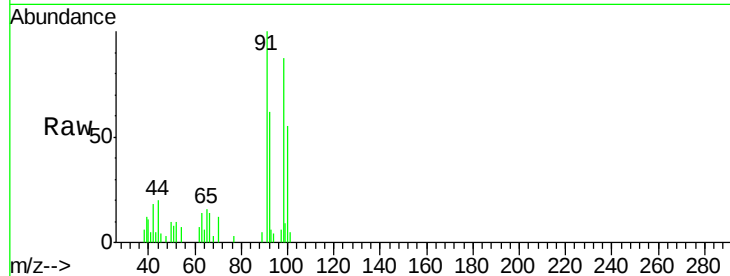
LF015MW045-180416DL

Tot Ion: 92 Resp: 2104

Ion Ratio Lower Upper

92 100

91 168.7 139.8 209.6



#62

4-Bromofluorobenzene

Concen: 42.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001172.D

Acq: 27 Apr 2018 16:03

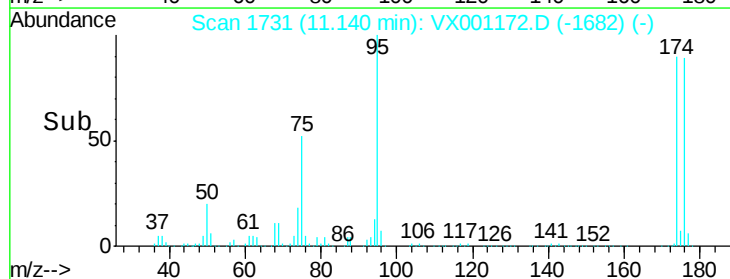
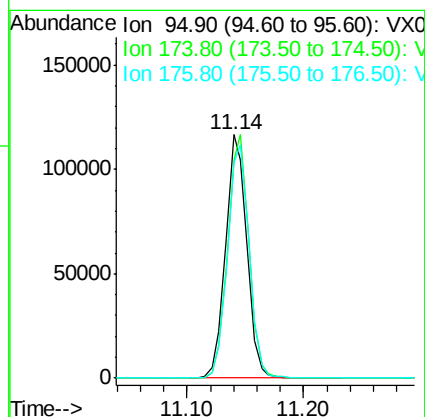
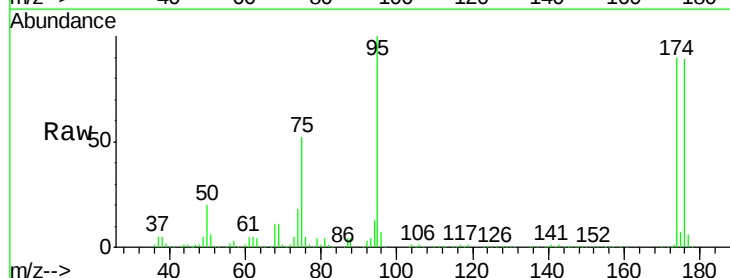
Tgt Ion: 95 Resp: 146218

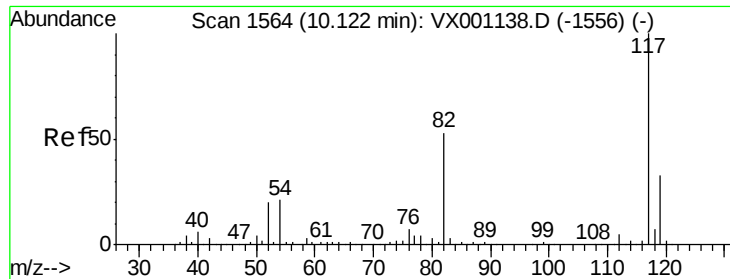
Ion Ratio Lower Upper

95 100

174 100.6 0.0 194.4

176 98.4 0.0 190.2

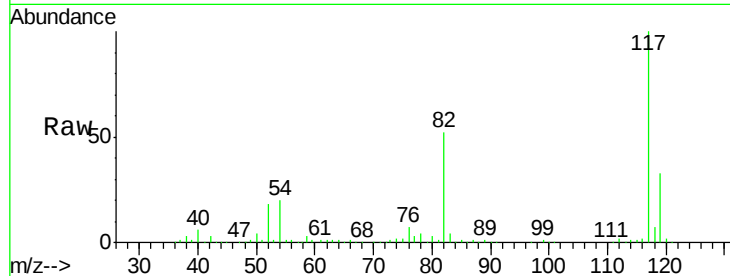




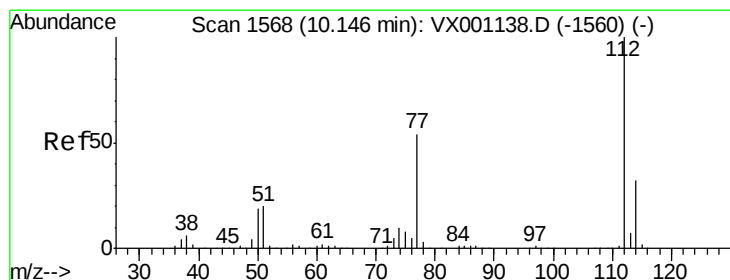
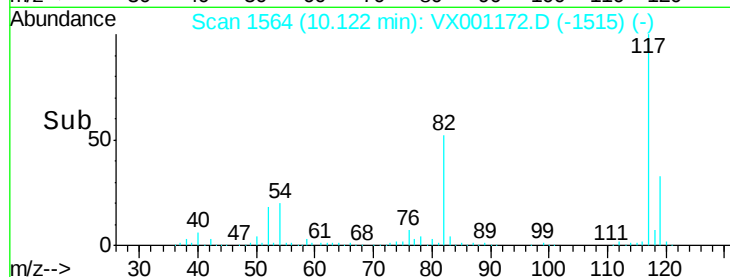
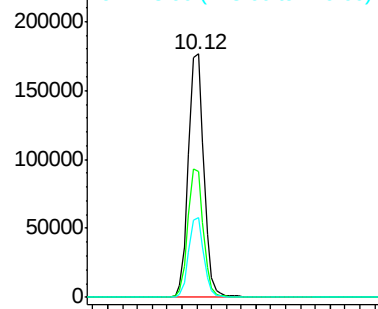
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001172.D
Acq: 27 Apr 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416DL

Tot Ion:117 Resp: 251745
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 33.0 26.1 39.1

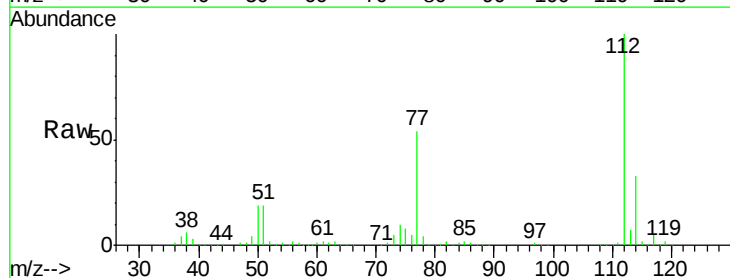


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

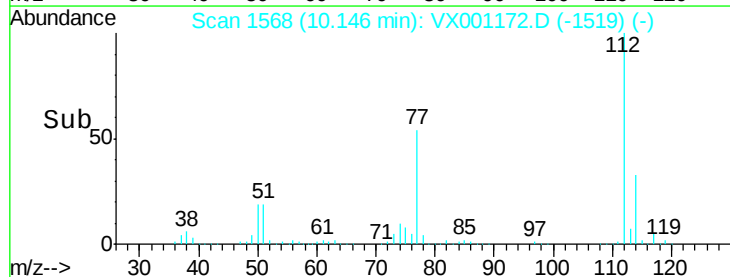
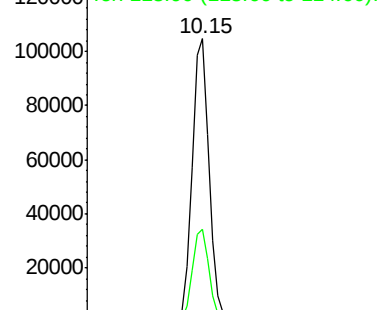


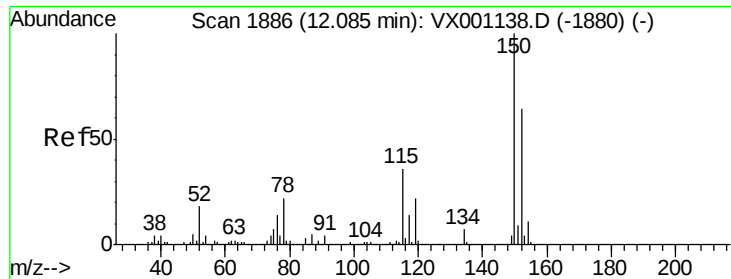
#65
Chlorobenzene
Concen: 22.41 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001172.D
Acq: 27 Apr 2018 16:03

Tgt Ion:112 Resp: 147839
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



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: VX001172.D

Acq: 27 Apr 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

LF015MW045-180416DL

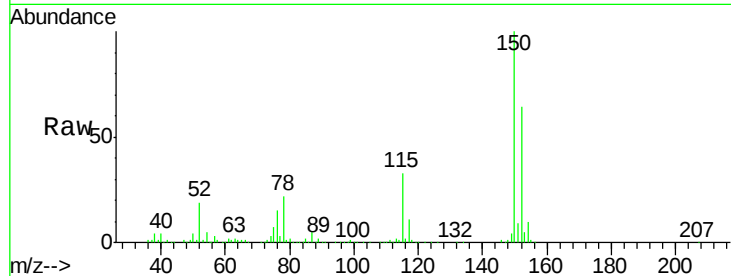
Tot Ion:152 Resp: 144003

Ion Ratio Lower Upper

152 100

115 52.9 38.0 114.0

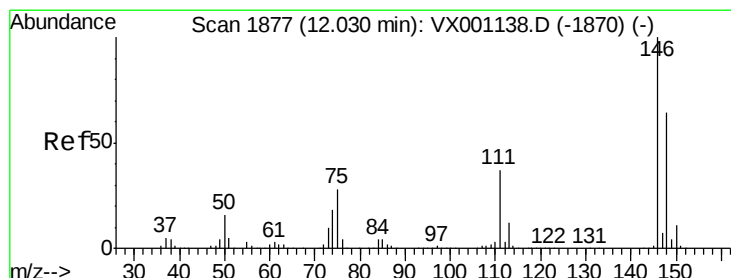
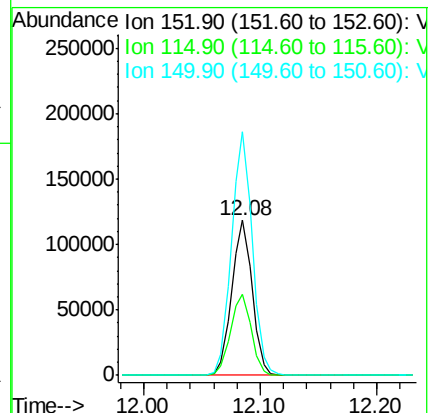
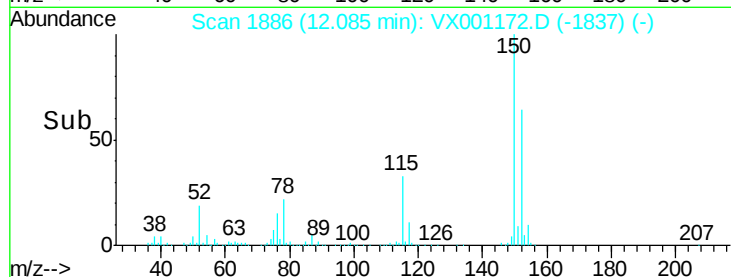
150 158.8 0.0 349.6



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



#87

1,3-Dichlorobenzene

Concen: 0.52 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001172.D

Acq: 27 Apr 2018 16:03

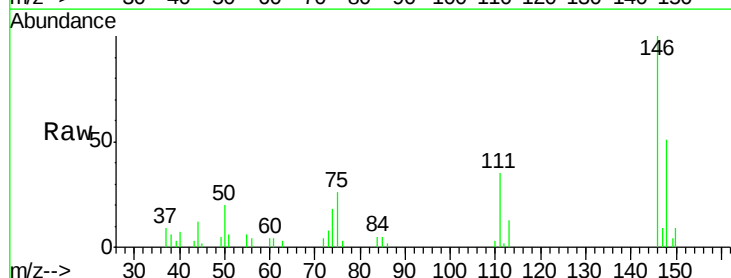
Tgt Ion:146 Resp: 2603

Ion Ratio Lower Upper

146 100

111 40.5 18.6 56.0

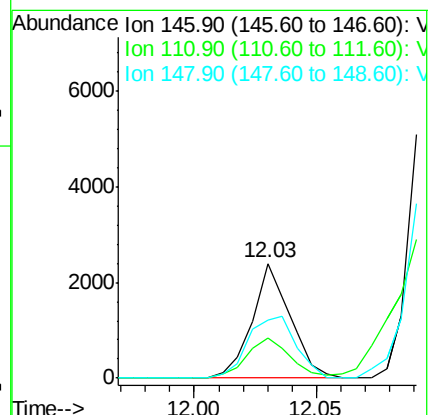
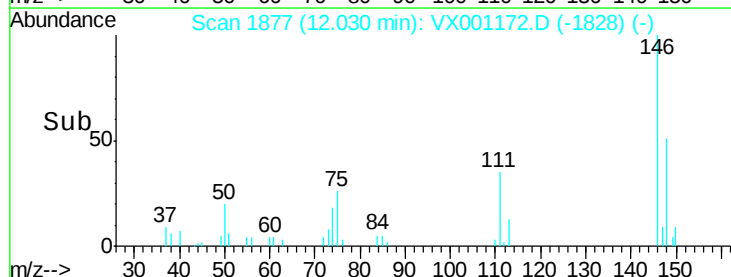
148 67.8 32.3 96.8

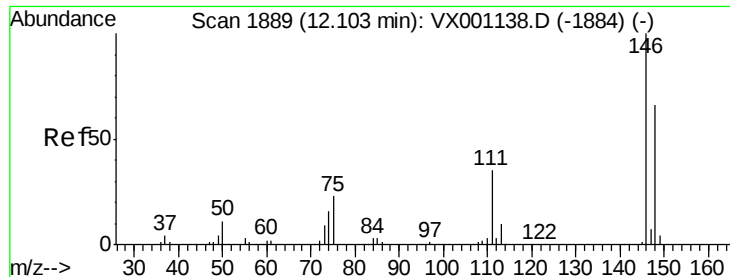


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 3.84 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001172.D

Acq: 27 Apr 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

LF015MW045-180416DL

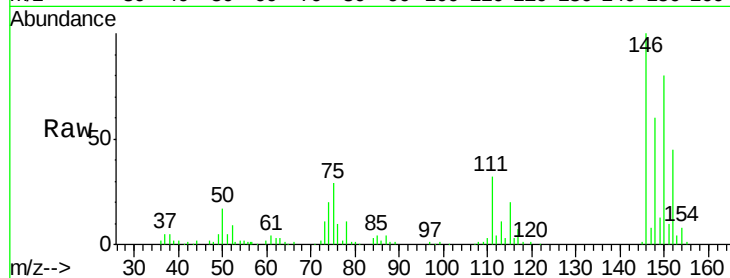
Tot Ion:146 Resp: 19978

Ion Ratio Lower Upper

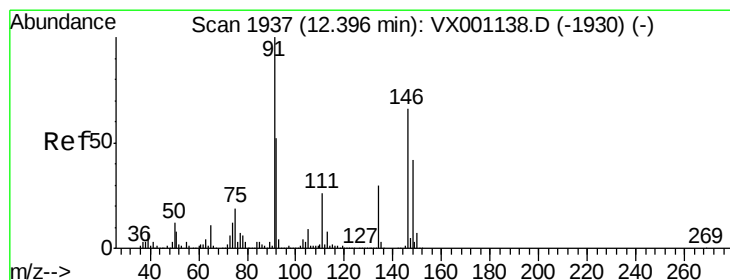
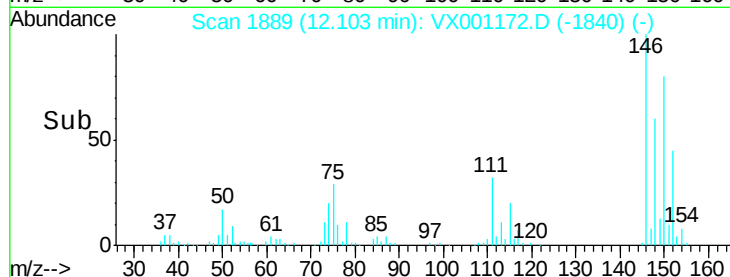
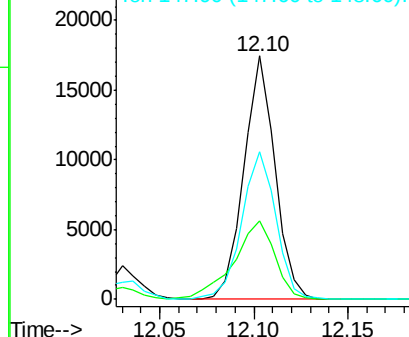
146 100

111 42.5 18.0 54.0

148 66.6 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: 10.78 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001172.D

Acq: 27 Apr 2018 16:03

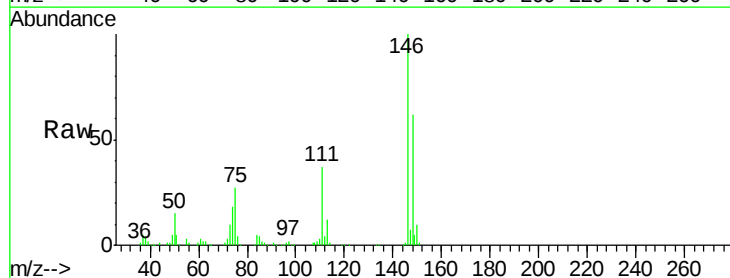
Tgt Ion:146 Resp: 54438

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.3

148 63.8 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

