

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001249.D
 Acq On : 29 Apr 2018 07:17
 Operator : JC/MD
 Sample : J2600-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW02-20180425

Quant Time: Apr 30 03:54:44 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

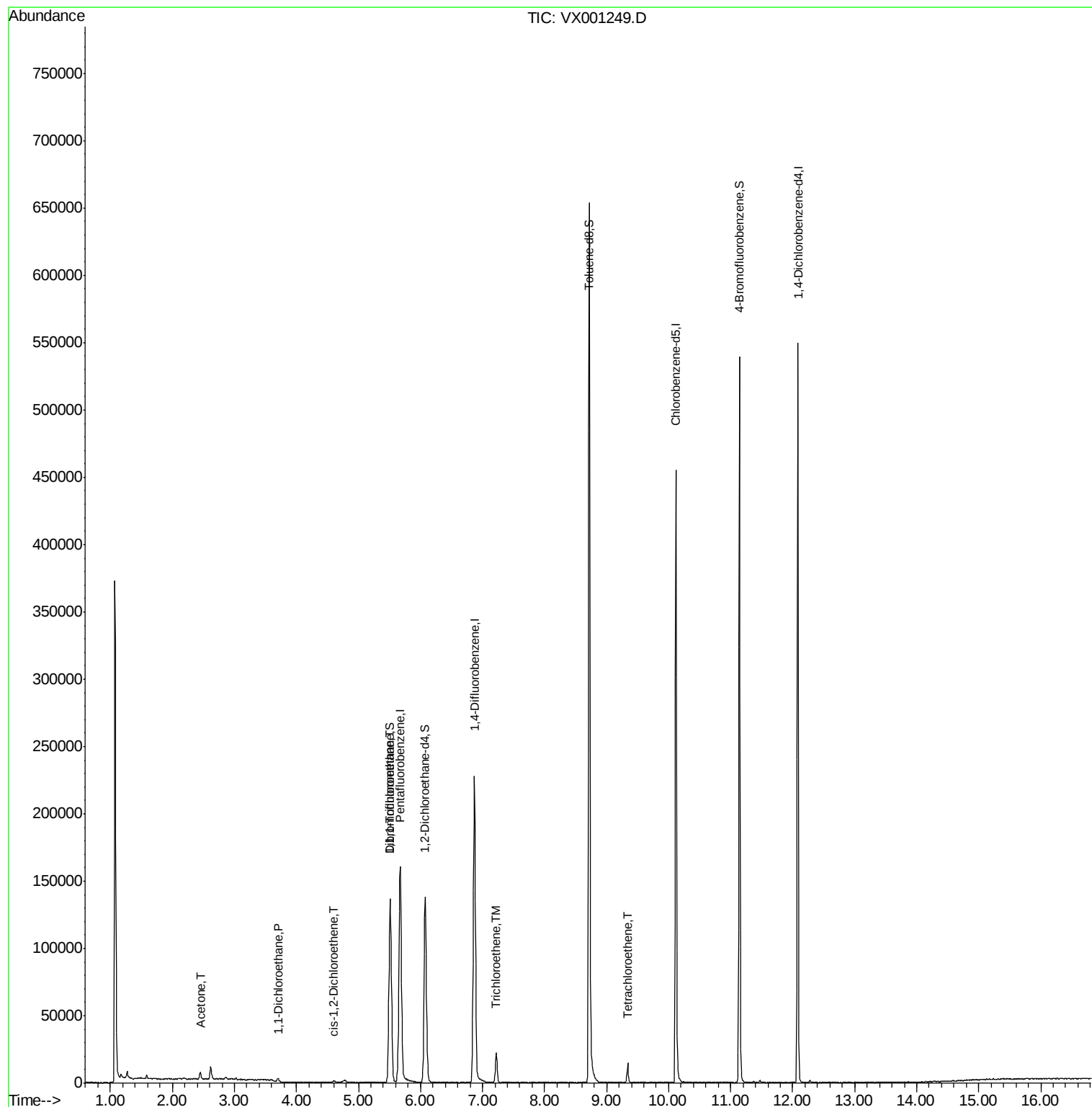
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	176711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	237345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	132669	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	5.51	113	105987	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	8.72	98	399849	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	11.14	95	130177	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
Target Compounds						
16) Acetone	2.45	43	5935	5.27	ug/l	89
24) 1,1-Dichloroethane	3.71	63	2670	0.78	ug/l #	95
27) cis-1,2-Dichloroethene	4.60	96	933	0.43	ug/l	80
32) 1,1,1-Trichloroethane	5.51	97	3677	1.17	ug/l #	50
44) Trichloroethene	7.22	130	8457	3.75	ug/l	94
64) Tetrachloroethene	9.34	164	3118	1.36	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

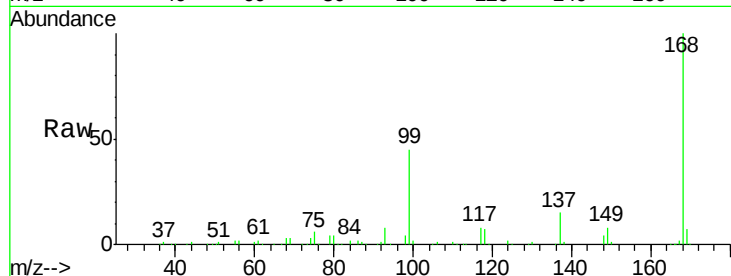
BP-FW-MW02-20180425

Tot Ion:168 Resp: 176711

Ion Ratio Lower Upper

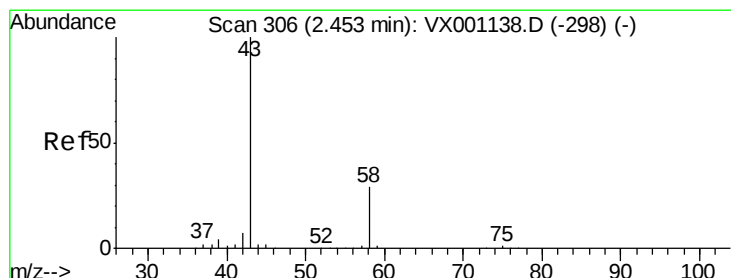
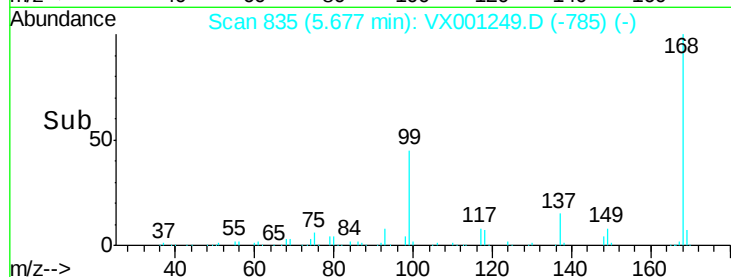
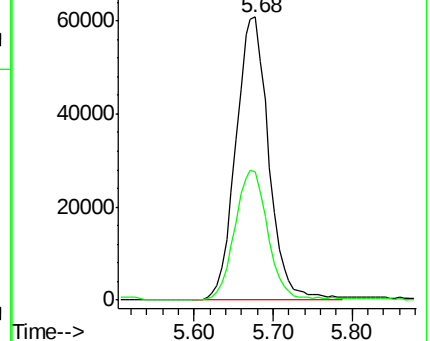
168 100

99 45.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.27 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001249.D

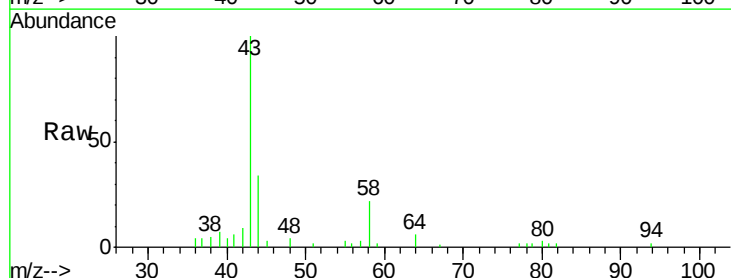
Acq: 29 Apr 2018 07:17

Tgt Ion: 43 Resp: 5935

Ion Ratio Lower Upper

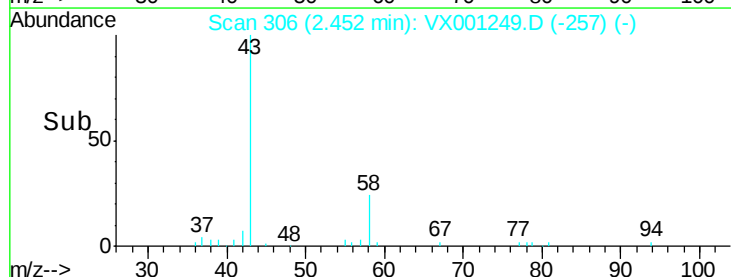
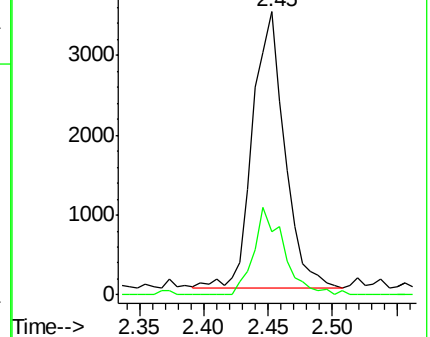
43 100

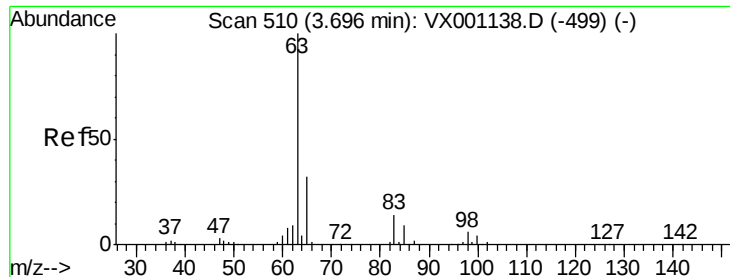
58 23.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 0.78 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

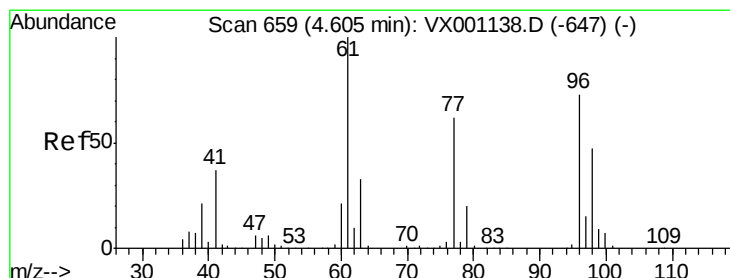
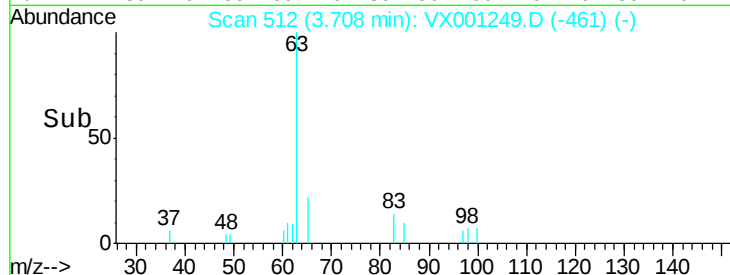
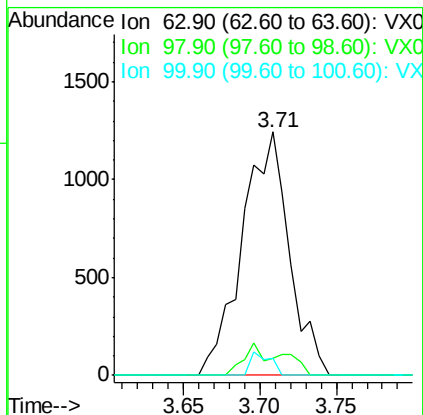
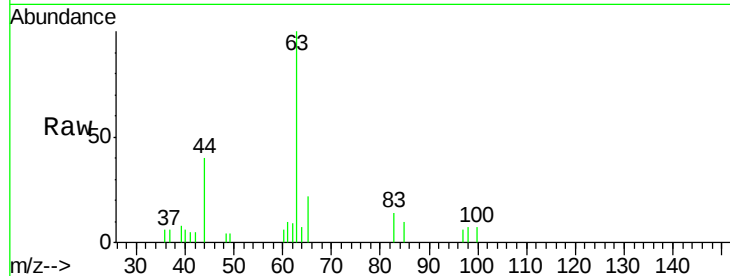
Tot Ion: 63 Resp: 2670

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

100 7.2 2.1 6.5#



#27

cis-1,2-Dichloroethene

Concen: 0.43 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

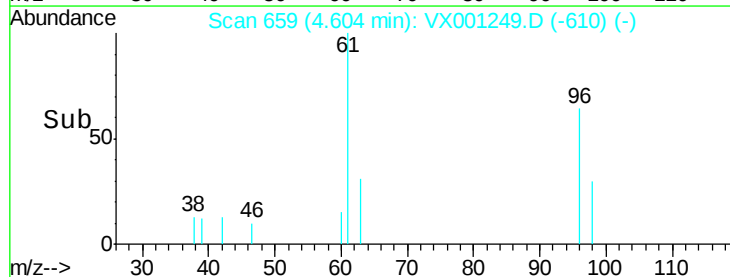
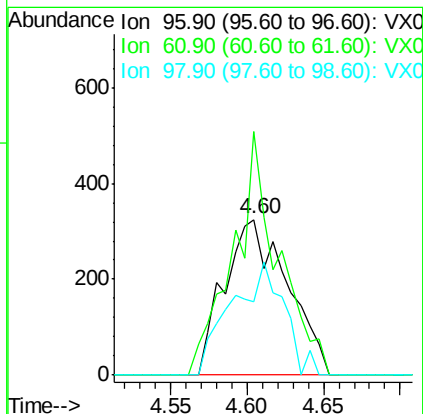
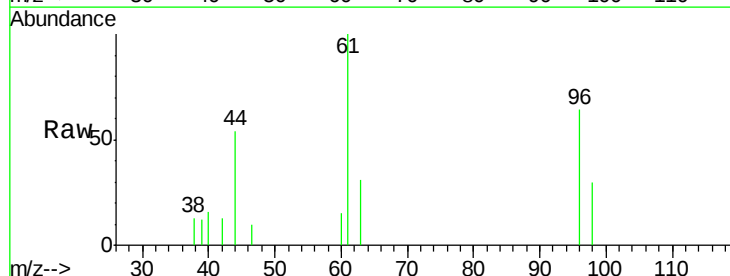
Tgt Ion: 96 Resp: 933

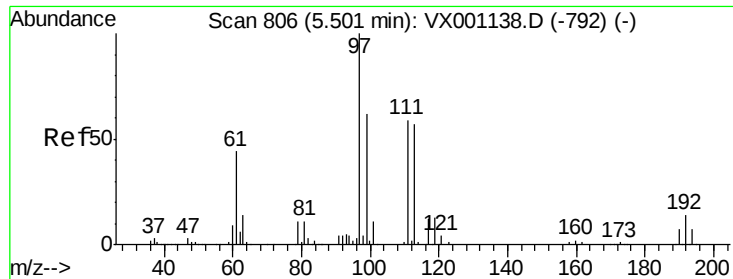
Ion Ratio Lower Upper

96 100

61 111.3 0.0 289.0

98 60.3 0.0 128.2





#32

1,1,1-Trichloroethane

Concen: 1.17 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

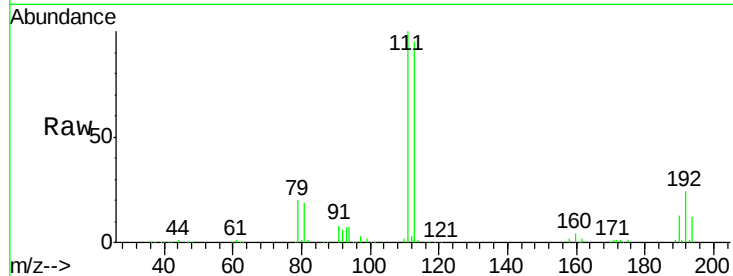
Tot Ion: 97 Resp: 3677

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3#

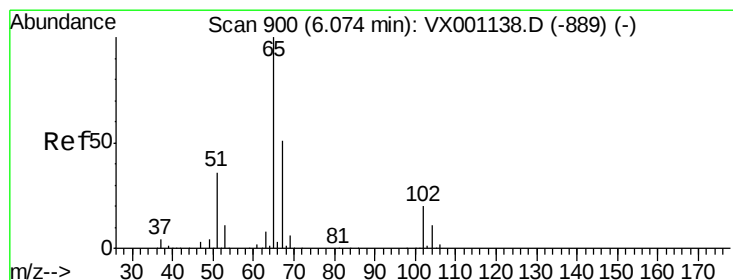
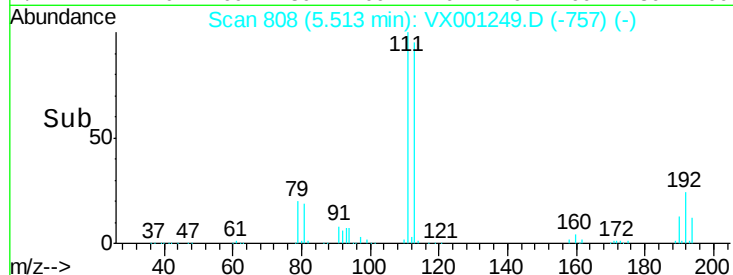
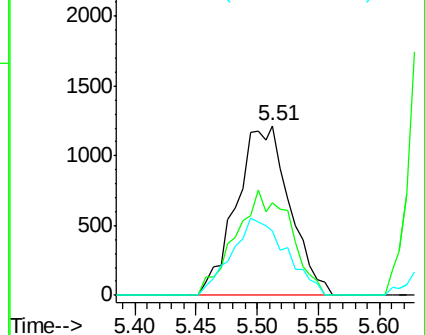
61 46.5 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.43 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001249.D

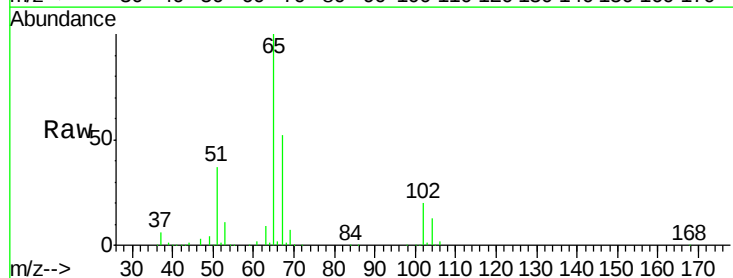
Acq: 29 Apr 2018 07:17

Tgt Ion: 65 Resp: 132669

Ion Ratio Lower Upper

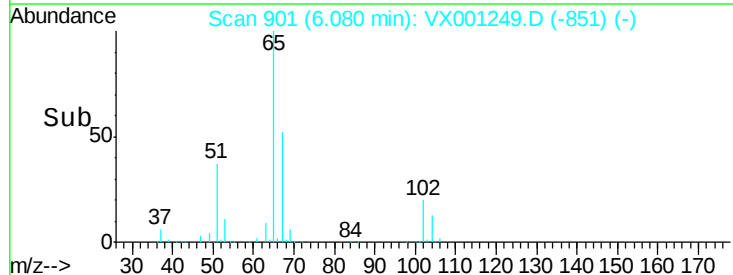
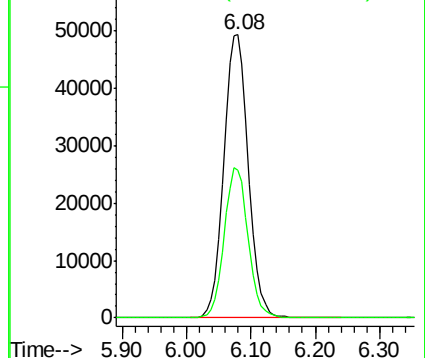
65 100

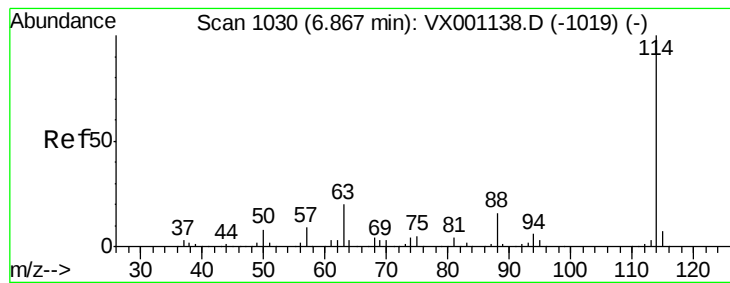
67 51.4 0.0 102.2



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# 1030

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

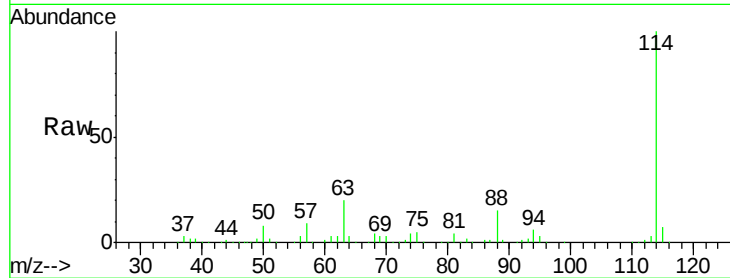
Tot Ion:114 Resp: 237345

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

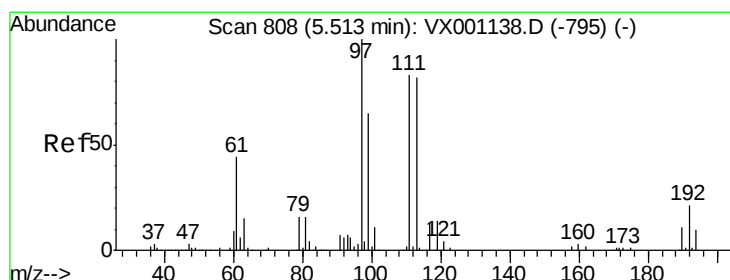
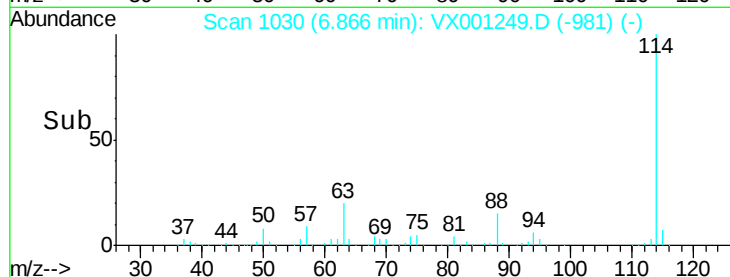
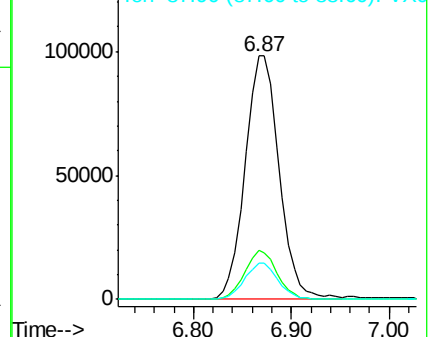
88 14.8 0.0 31.8



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: 53.95 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

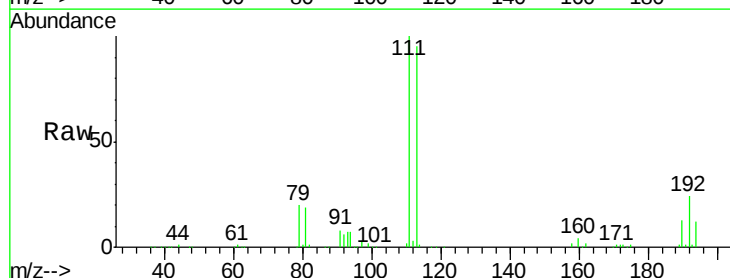
Tgt Ion:113 Resp: 105987

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

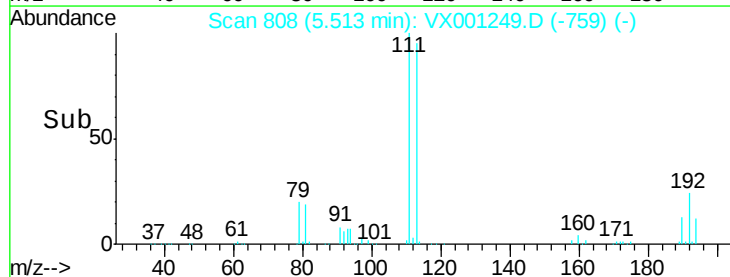
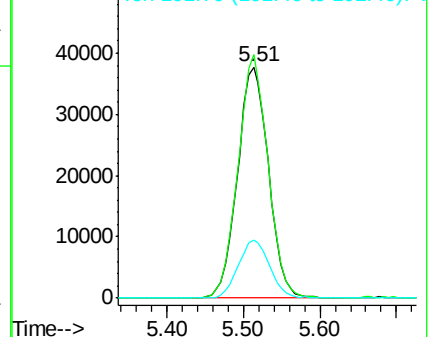
192 25.4 20.6 30.8

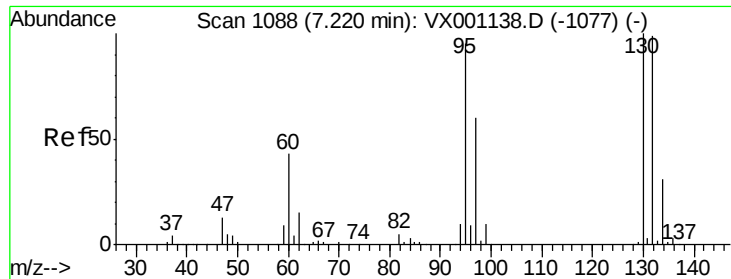


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.75 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

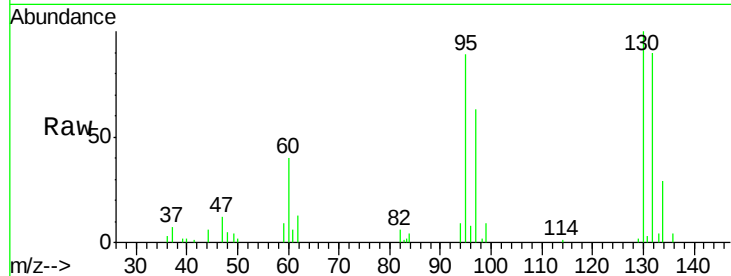
BP-FW-MW02-20180425

Tot Ion:130 Resp: 8457

Ion Ratio Lower Upper

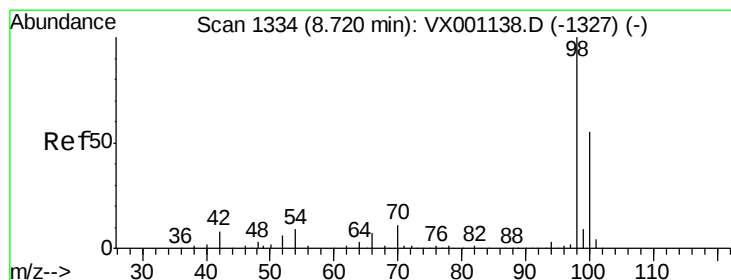
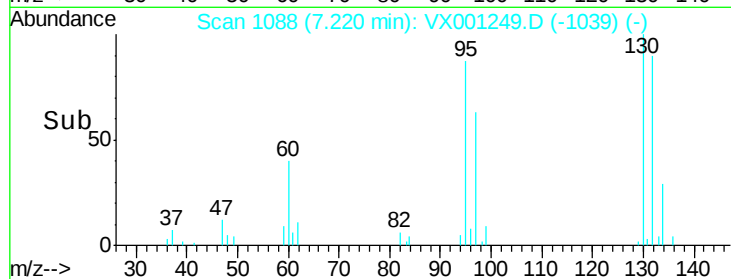
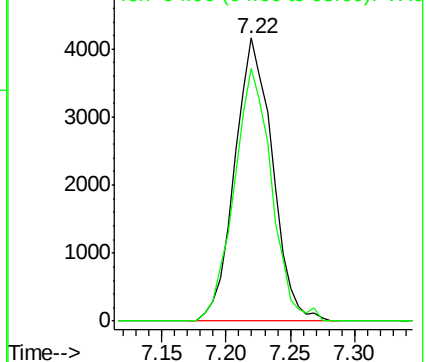
130 100

95 89.2 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.93 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001249.D

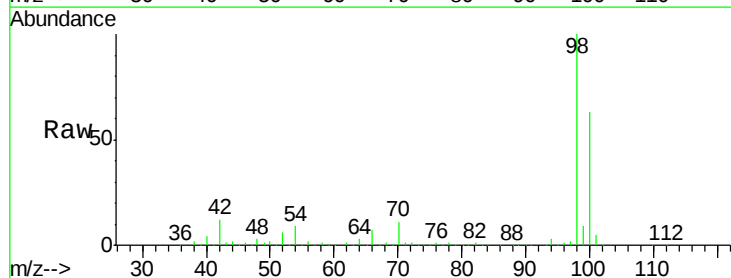
Acq: 29 Apr 2018 07:17

Tgt Ion: 98 Resp: 399849

Ion Ratio Lower Upper

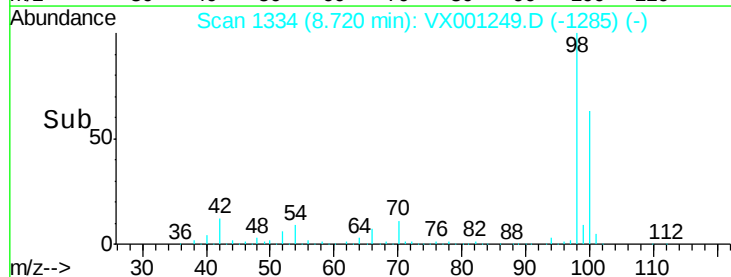
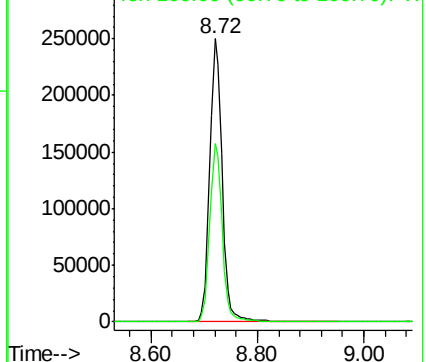
98 100

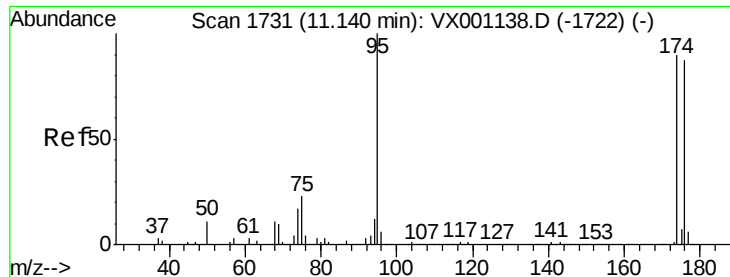
100 63.4 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

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BP-FW-MW02-20180425

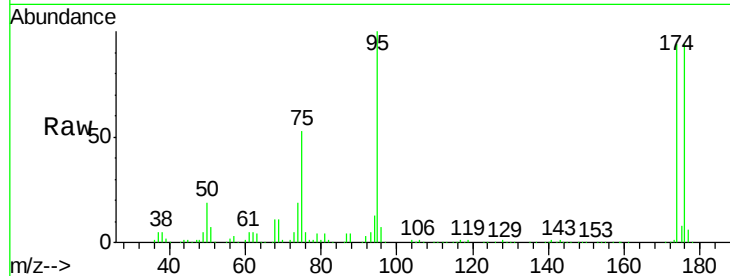
Tot Ion: 95 Resp: 130177

Ion Ratio Lower Upper

95 100

174 104.1 0.0 194.4

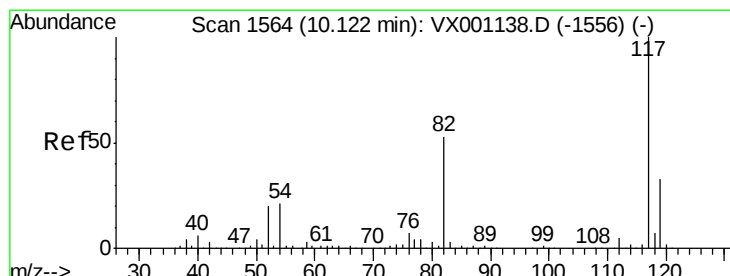
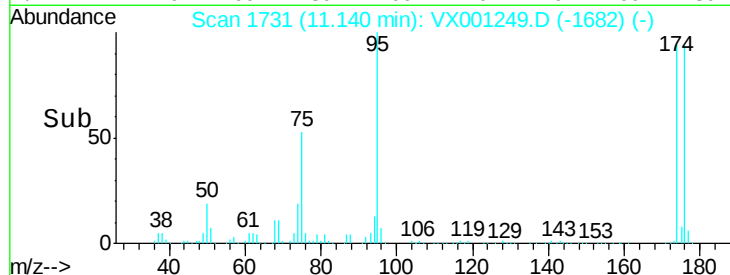
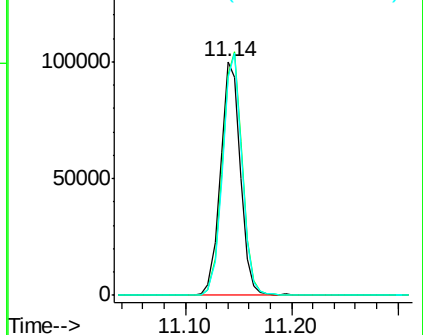
176 101.6 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

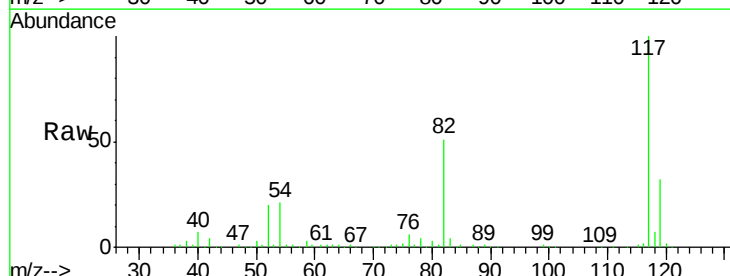
Tgt Ion: 117 Resp: 214339

Ion Ratio Lower Upper

117 100

82 50.8 42.1 63.1

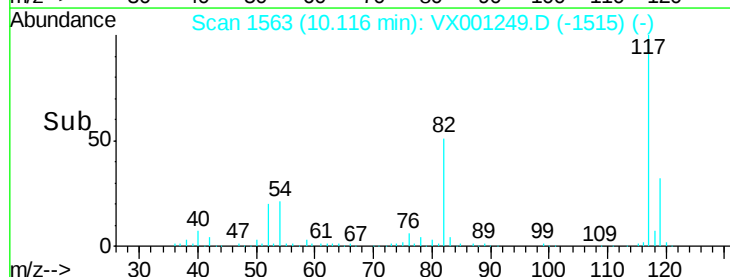
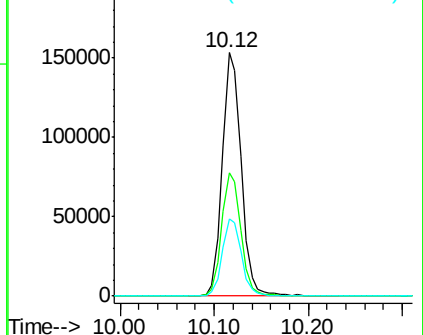
119 31.6 26.1 39.1

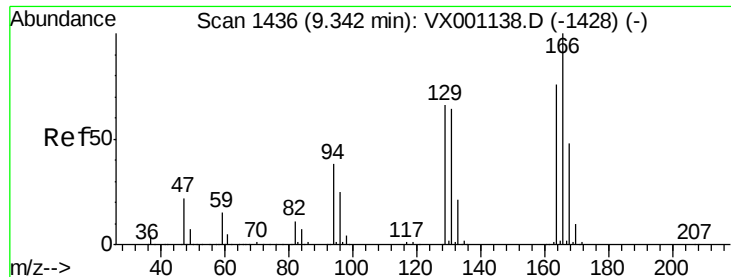


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.36 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001249.D

Acq: 29 Apr 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW02-20180425

Tot Ion:164 Resp: 3118

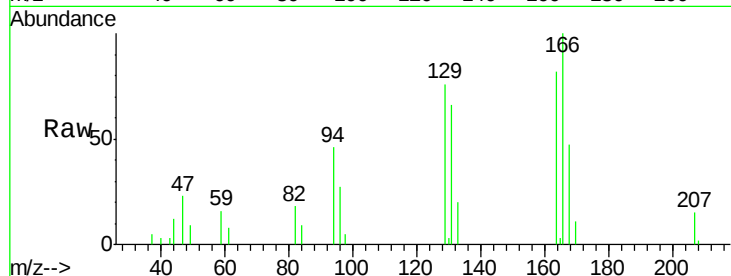
Ion Ratio Lower Upper

164 100

166 122.0 105.0 157.6

129 92.7 69.4 104.2

131 80.7 67.3 100.9

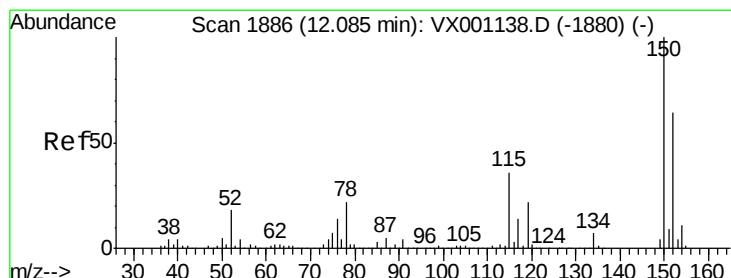
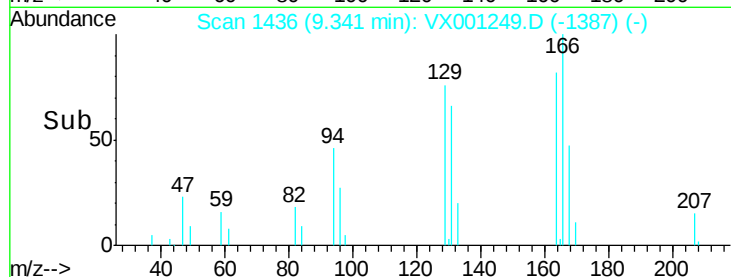
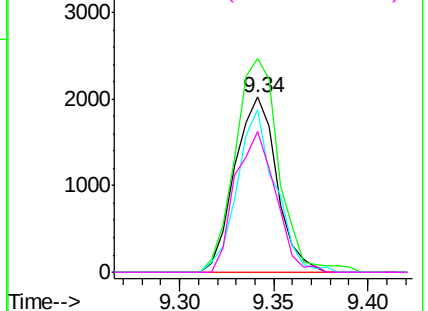


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX001249.D

Acq: 29 Apr 2018 07:17

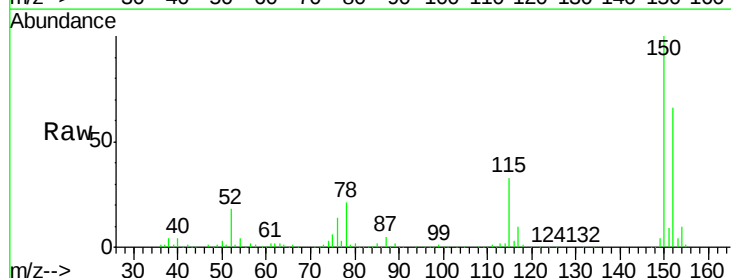
Tgt Ion:152 Resp: 118456

Ion Ratio Lower Upper

152 100

115 52.3 38.0 114.0

150 154.3 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

