

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001101.D
 Acq On : 25 Apr 2018 02:34
 Operator : JC/MD
 Sample : J2463-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416

Quant Time: Apr 25 08:16:02 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

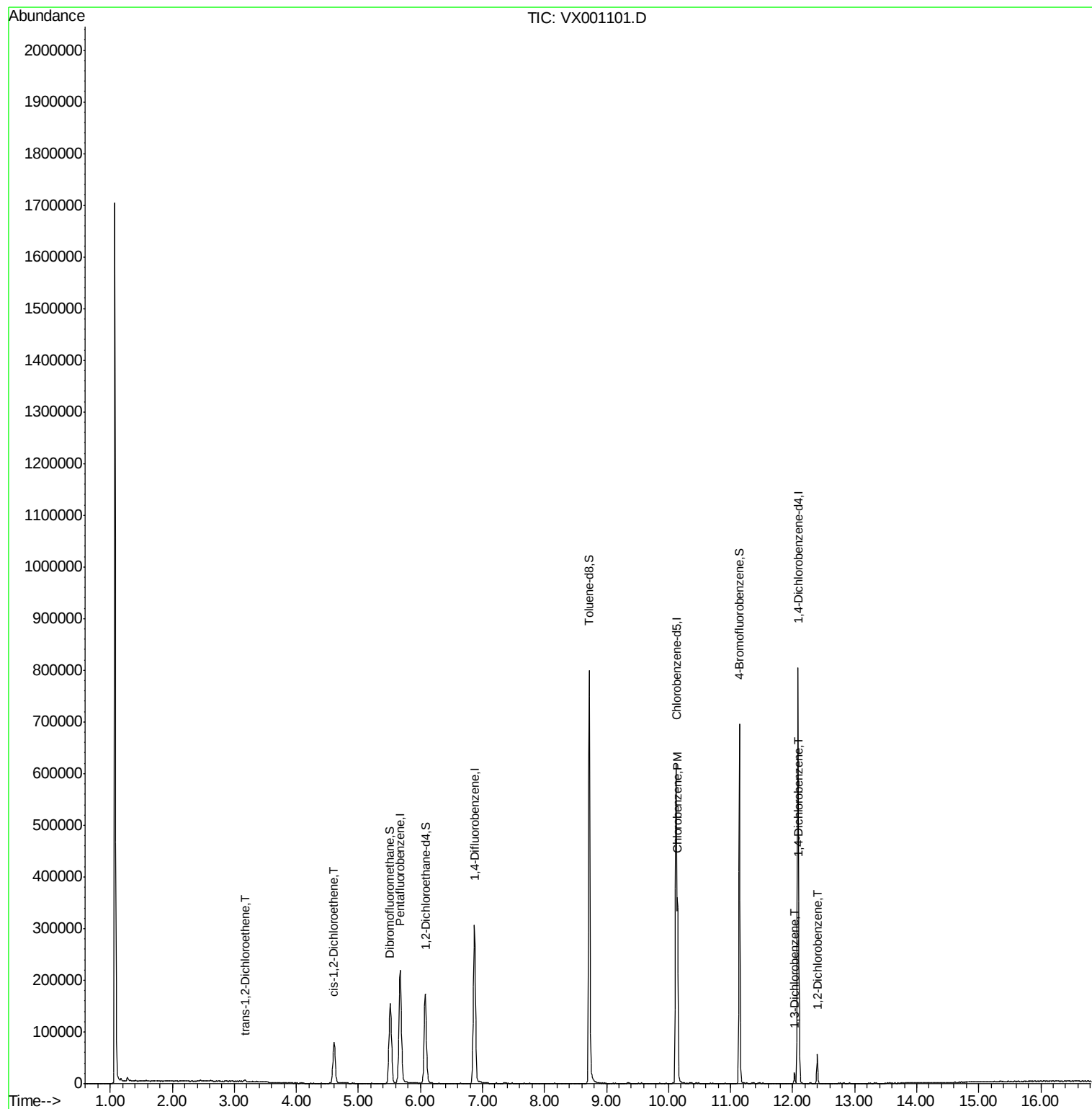
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	169502	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	5.51	113	127546	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	8.72	98	485443	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	11.14	95	169932	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1008	0.40	ug/l	89
27) cis-1,2-Dichloroethene	4.61	96	51198	18.45	ug/l	89
65) Chlorobenzene	10.15	112	148385	19.36	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	6549	1.14	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	64298	10.93	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	17771	3.20	ug/l	97

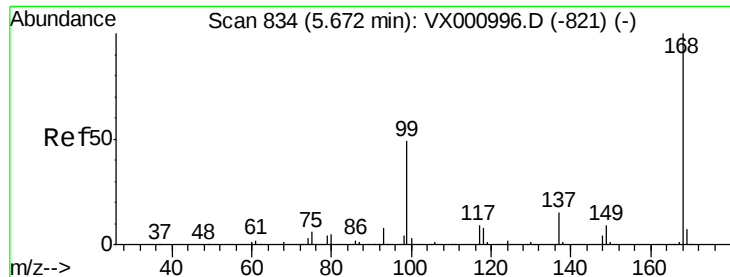
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001101.D

Acq: 25 Apr 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

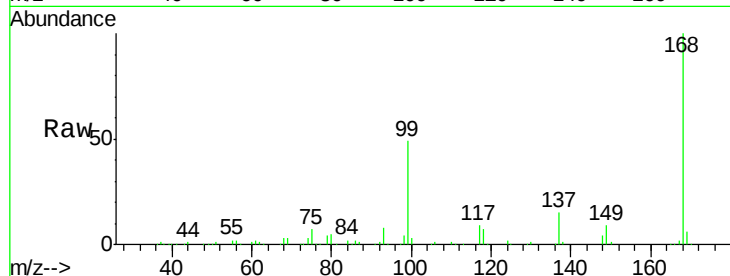
LF015MW001-180416

Tot Ion:168 Resp: 229651

Ion Ratio Lower Upper

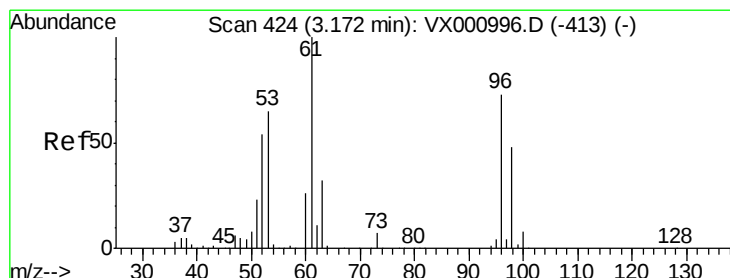
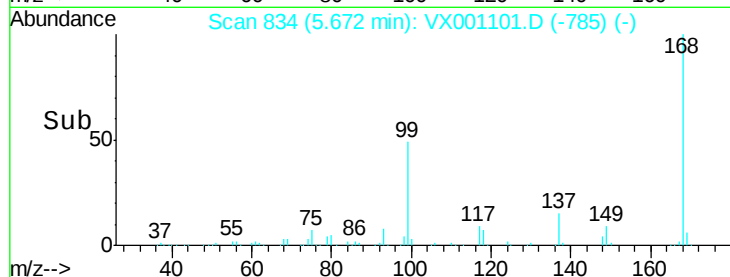
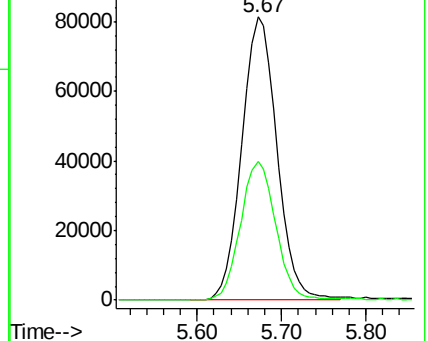
168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.40 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001101.D

Acq: 25 Apr 2018 02:34

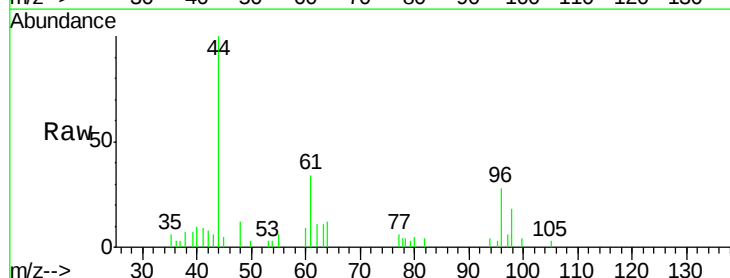
Tgt Ion: 96 Resp: 1008

Ion Ratio Lower Upper

96 100

61 119.1 109.4 164.2

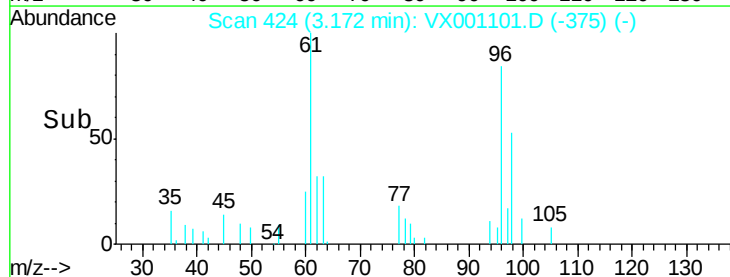
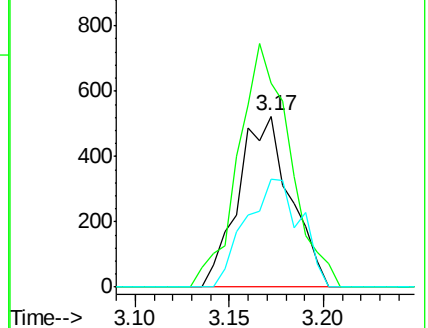
98 63.0 52.6 78.8

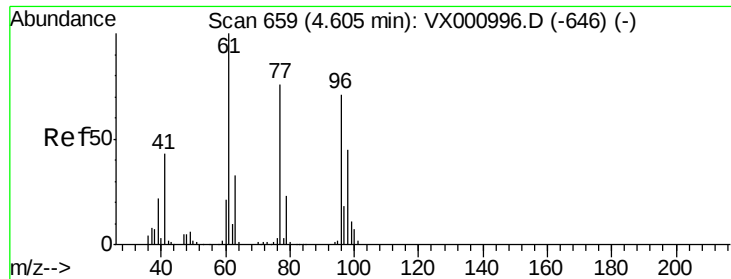


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



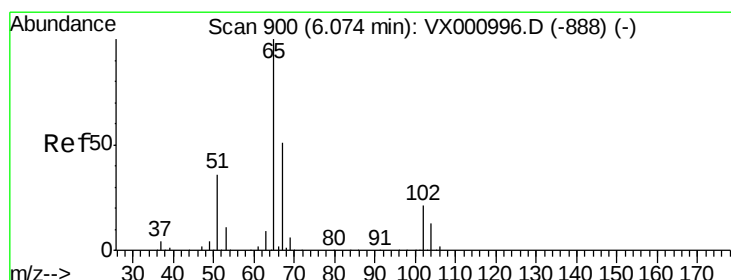
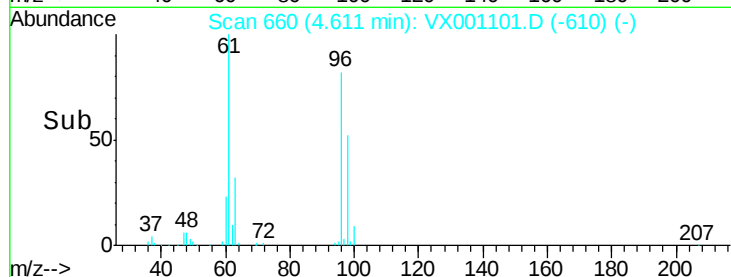
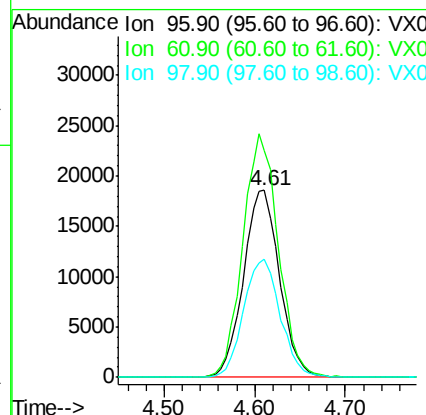
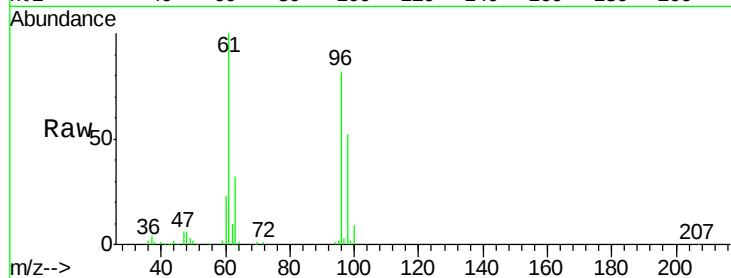


#27

cis-1,2-Dichloroethene
 Concen: 18.45 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX001101.D
 Acq: 25 Apr 2018 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416

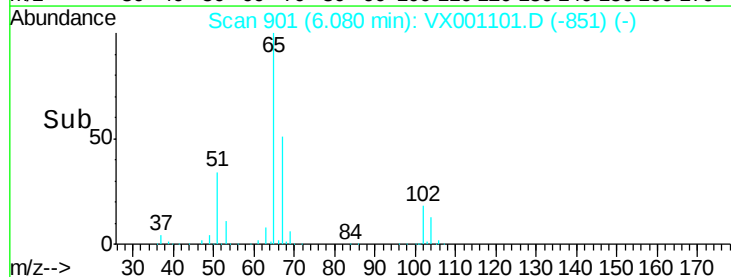
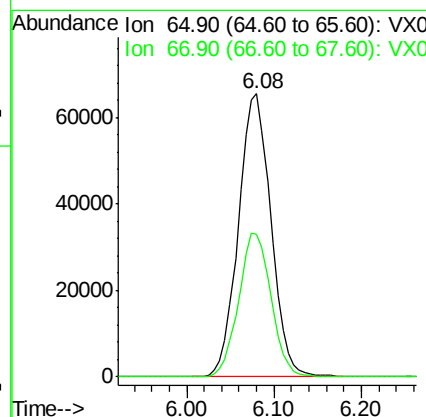
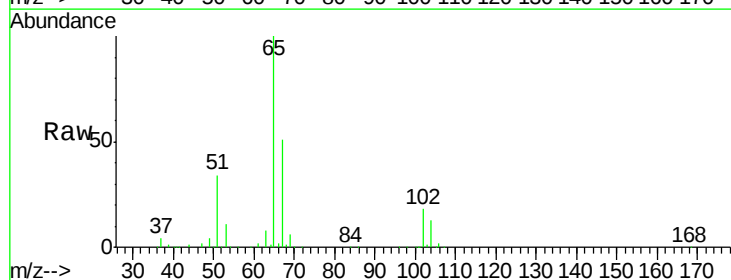
Tot Ion: 96 Resp: 51198
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 297.0
 98 64.1 0.0 130.0

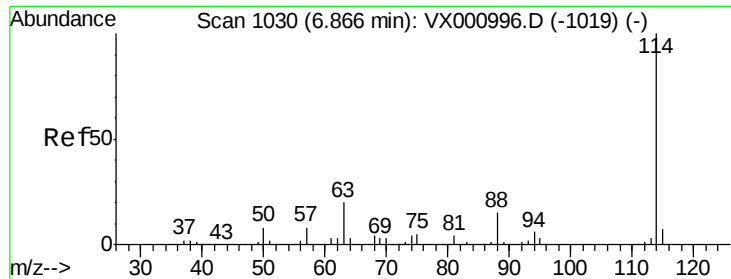


#33

1,2-Dichloroethane-d4
 Concen: 58.23 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001101.D
 Acq: 25 Apr 2018 02:34

Tgt Ion: 65 Resp: 169502
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6

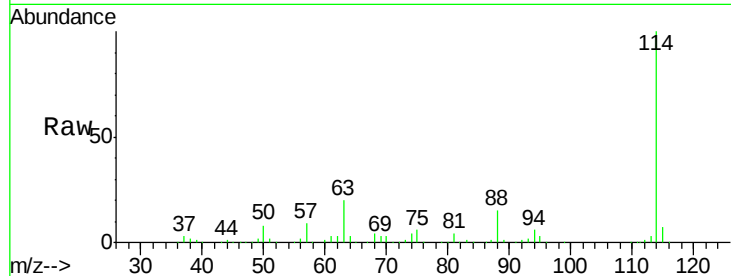




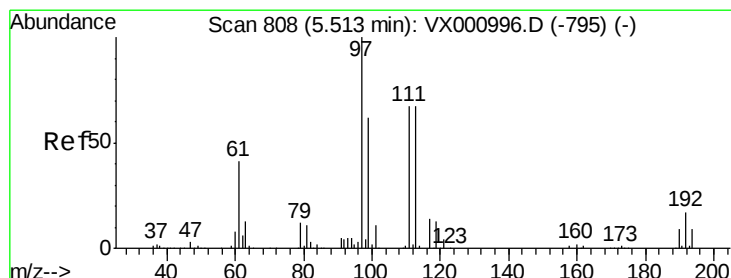
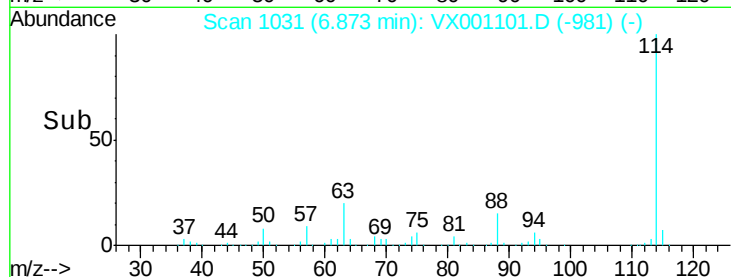
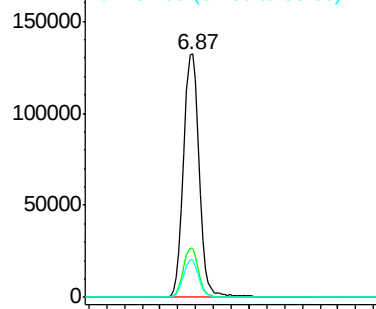
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001101.D
 Acq: 25 Apr 2018 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416

Tot Ion:114 Resp: 324754
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.5 0.0 29.8

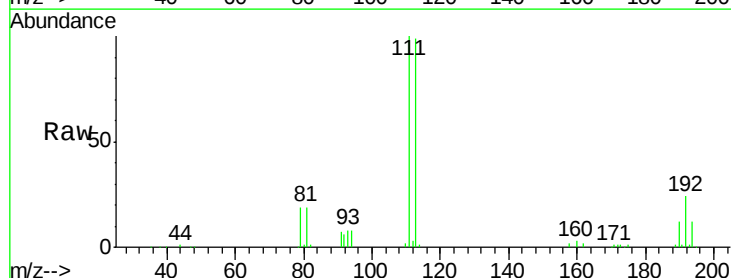


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

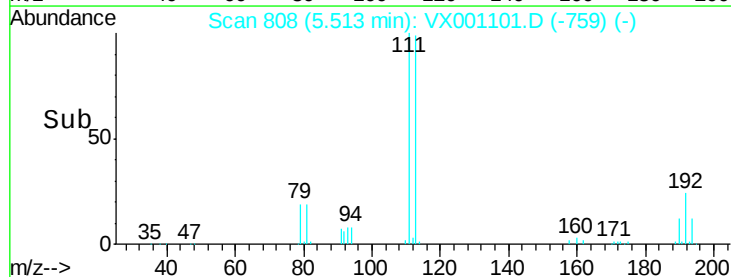
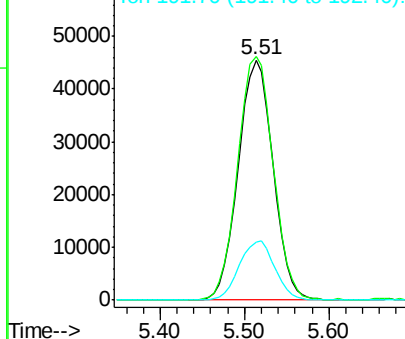


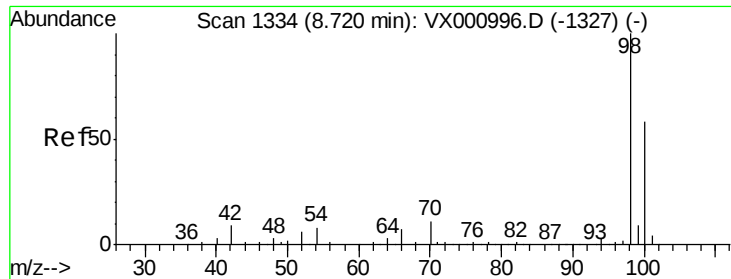
#35
 Dibromofluoromethane
 Concen: 51.51 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001101.D
 Acq: 25 Apr 2018 02:34

Tgt Ion:113 Resp: 127546
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.2
 192 25.2 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: 53.01 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001101.D

Acq: 25 Apr 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

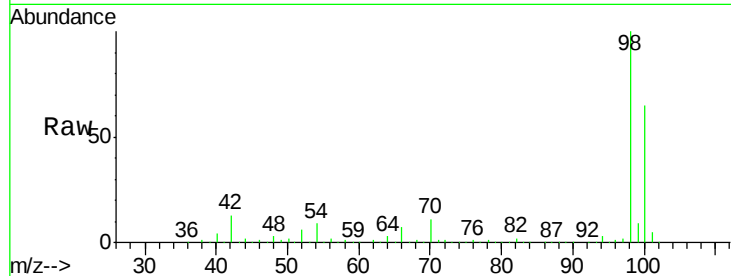
LF015MW001-180416

Tot Ion: 98 Resp: 485443

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

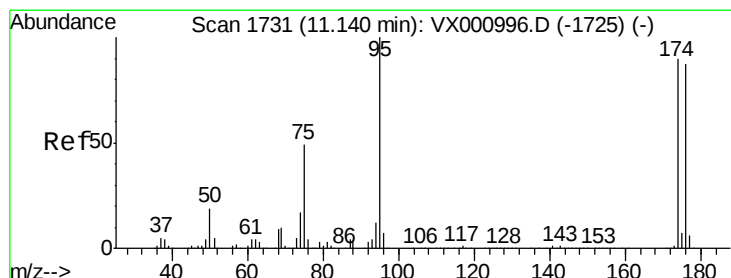
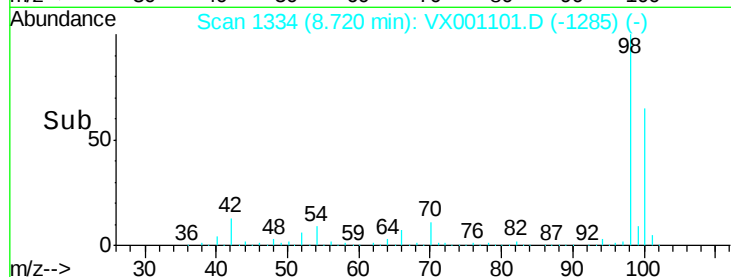
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001101.D

Acq: 25 Apr 2018 02:34

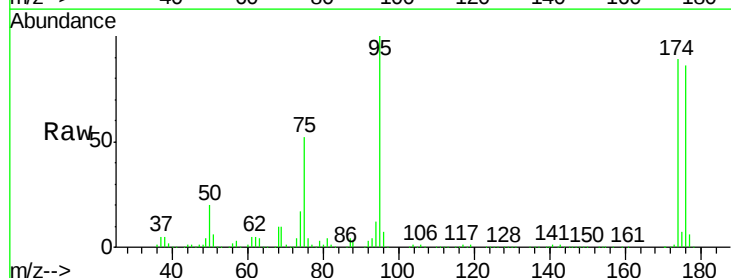
Tgt Ion: 95 Resp: 169932

Ion Ratio Lower Upper

95 100

174 97.8 0.0 198.4

176 94.8 0.0 192.0



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

11.14

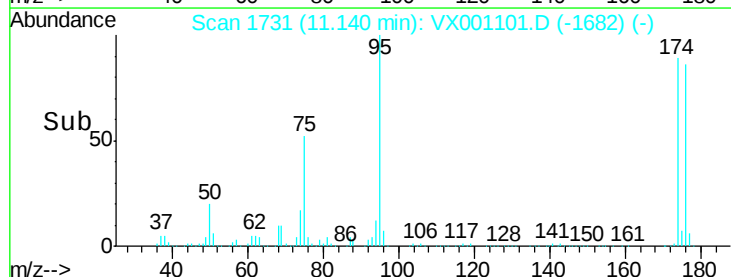
150000

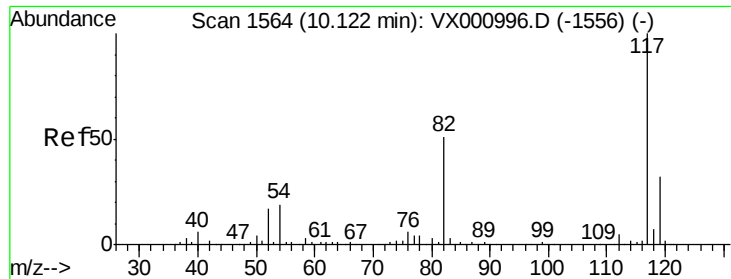
100000

50000

0

Time-->

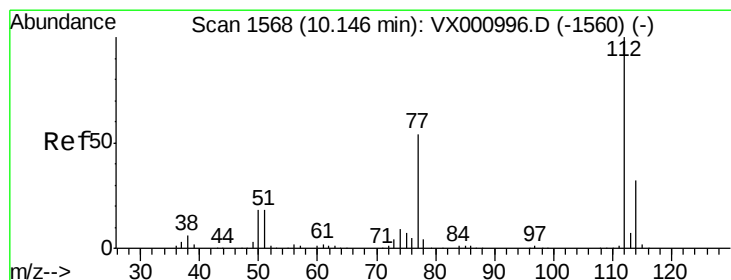
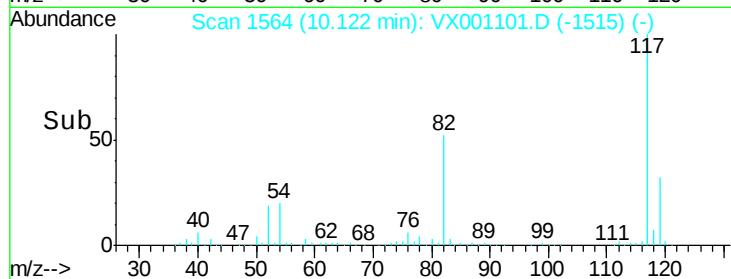
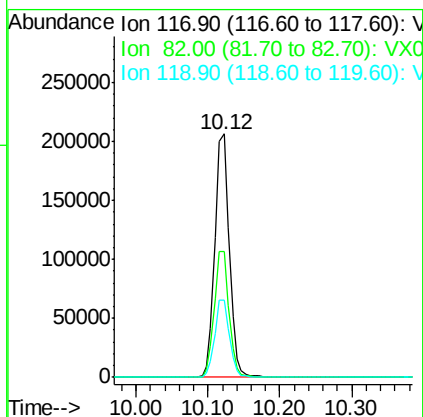
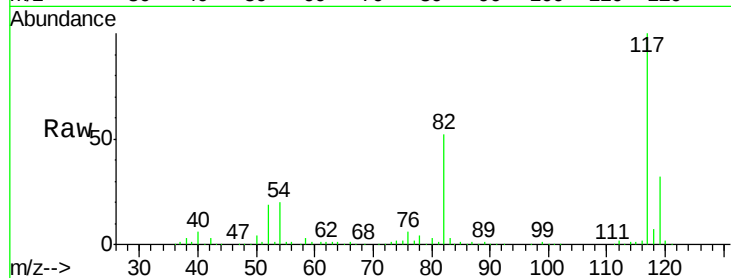




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

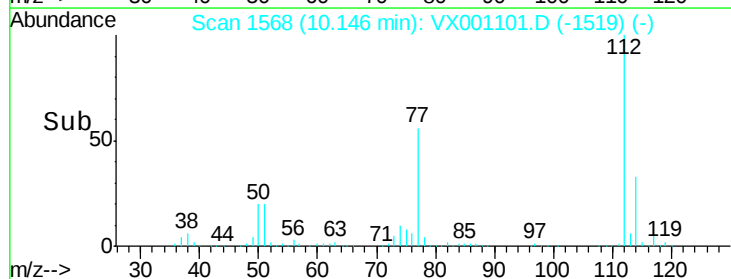
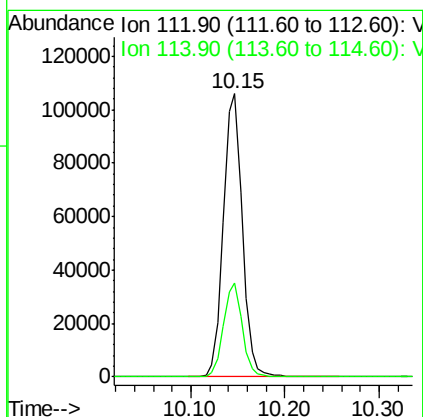
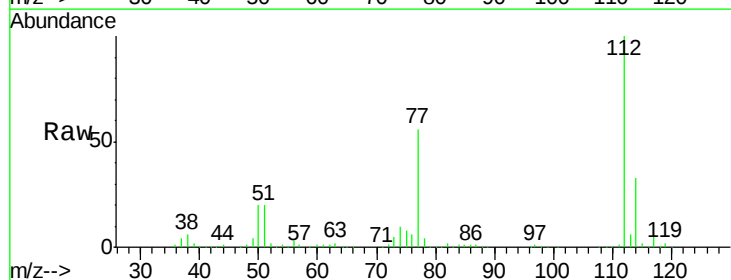
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

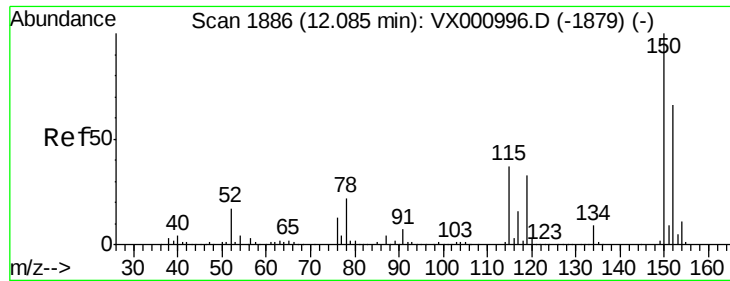
Tot Ion:117 Resp: 287907
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 31.9 26.0 39.0



#65
Chlorobenzene
Concen: 19.36 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion:112 Resp: 148385
Ion Ratio Lower Upper
112 100
114 33.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001101.D

Acq: 25 Apr 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416

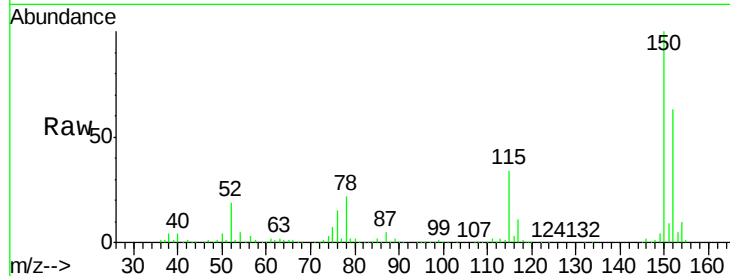
Tot Ion:152 Resp: 161281

Ion Ratio Lower Upper

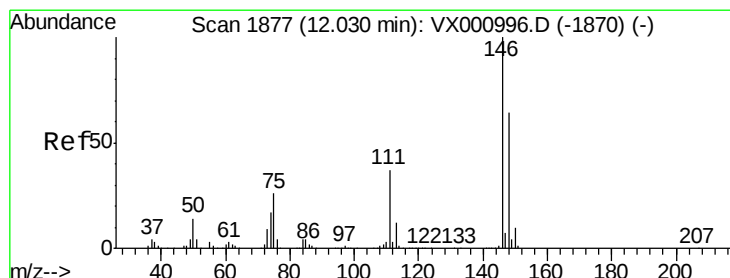
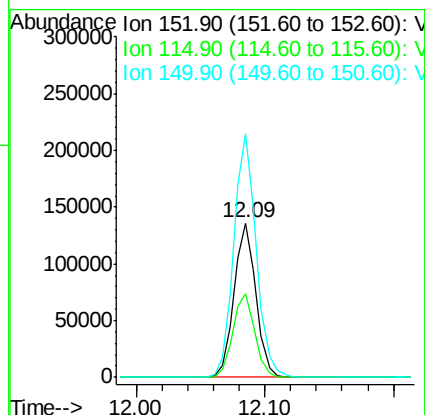
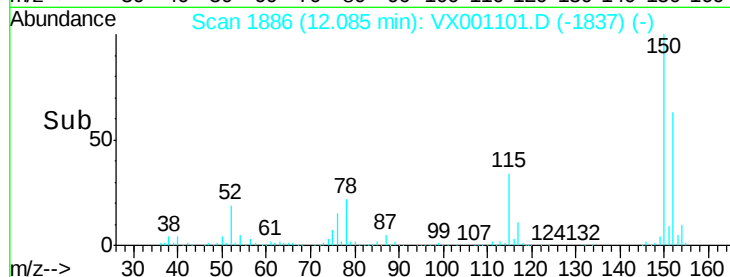
152 100

115 54.6 38.2 114.6

150 162.4 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: 1.14 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001101.D

Acq: 25 Apr 2018 02:34

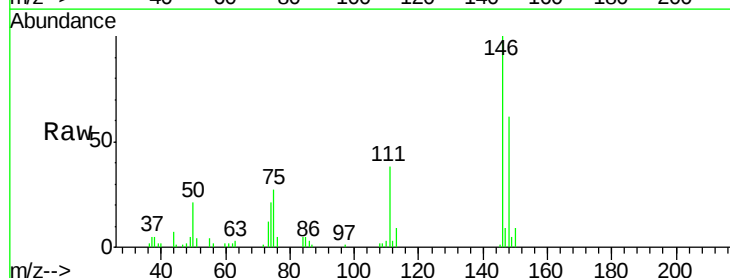
Tgt Ion:146 Resp: 6549

Ion Ratio Lower Upper

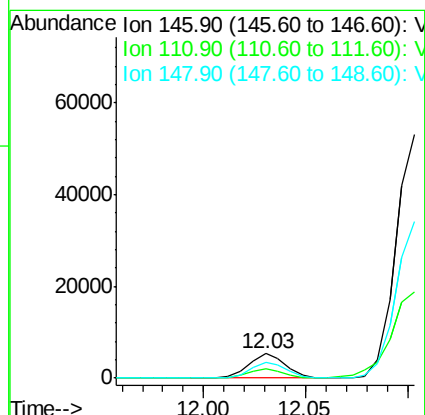
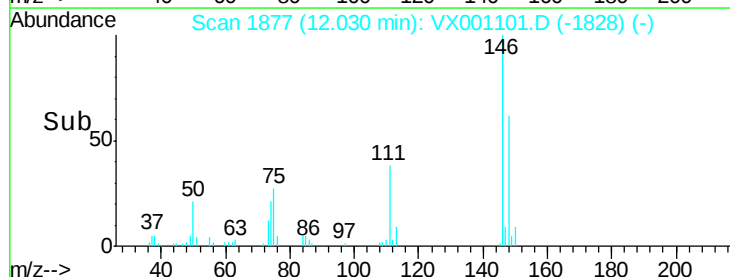
146 100

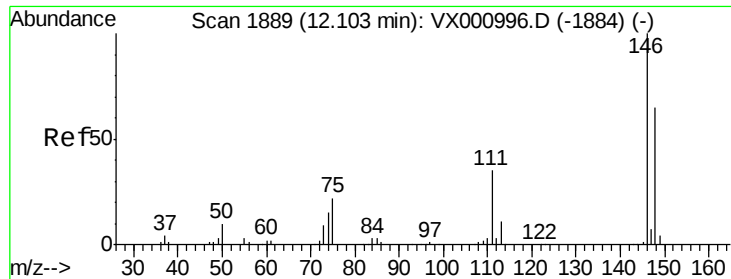
111 35.4 18.3 54.8

148 62.9 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: 10.93 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001101.D

Acq: 25 Apr 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416

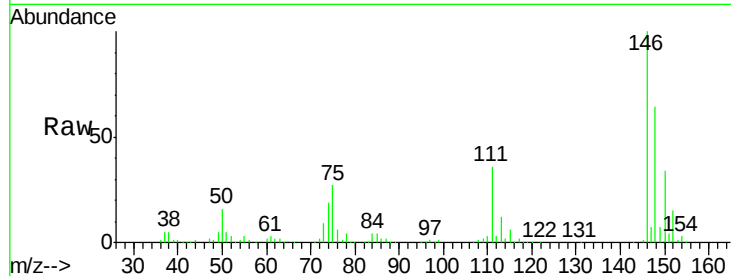
Tot Ion:146 Resp: 64298

Ion Ratio Lower Upper

146 100

111 38.8 18.0 54.0

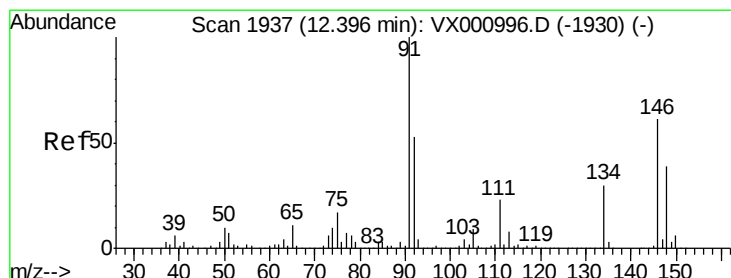
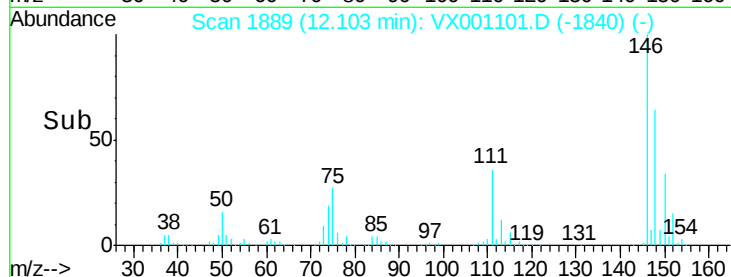
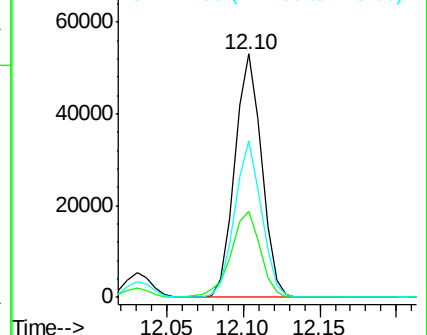
148 64.6 32.4 97.0



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: 3.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001101.D

Acq: 25 Apr 2018 02:34

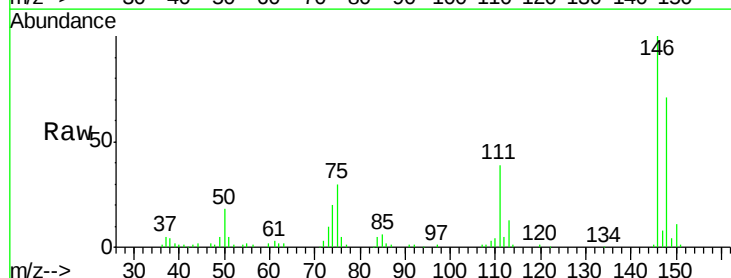
Tgt Ion:146 Resp: 17771

Ion Ratio Lower Upper

146 100

111 39.0 18.6 56.0

148 66.3 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

