

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007021.D
 Acq On : 11 Jan 2019 18:36
 Operator : JC/SP
 Sample : K1133-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-190109

Quant Time: Jan 14 09:31:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

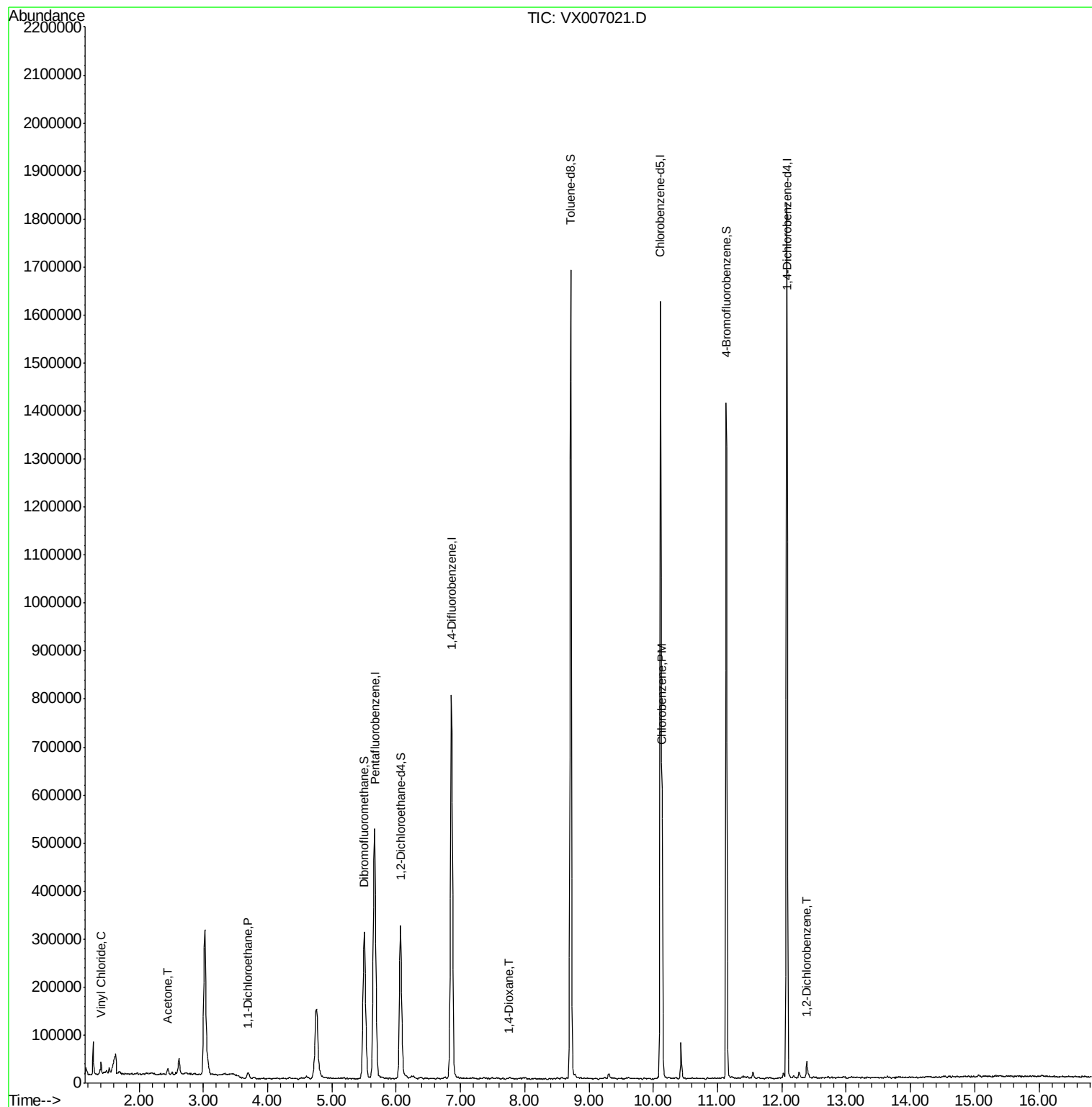
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	538316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	839543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	790988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	390494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	293333	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
35) Dibromofluoromethane	5.50	113	259236	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1003664	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	362453	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
Target Compounds						
4) Vinyl Chloride	1.41	62	14082	2.544	ug/l	94
16) Acetone	2.45	43	13593	4.887	ug/l	95
24) 1,1-Dichloroethane	3.69	63	13192	1.480	ug/l #	87
49) 1,4-Dioxane	7.76	88	2450	8.416	ug/l #	65
65) Chlorobenzene	10.14	112	248415	14.399	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	6452	0.477	ug/l	99

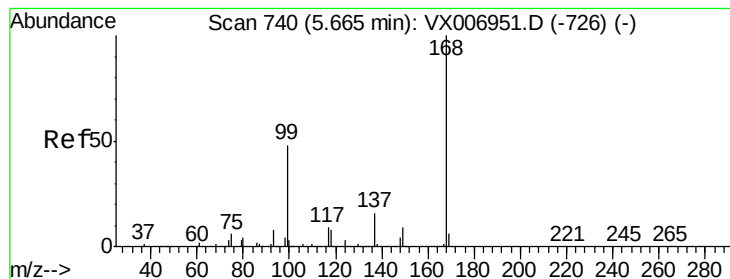
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

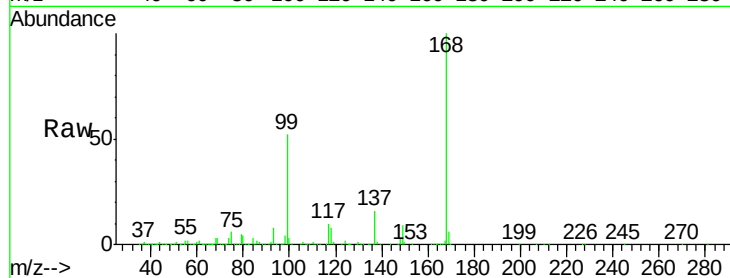
WP022MW102-190109

Tot Ion:168 Resp: 538316

Ion Ratio Lower Upper

168 100

99 51.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

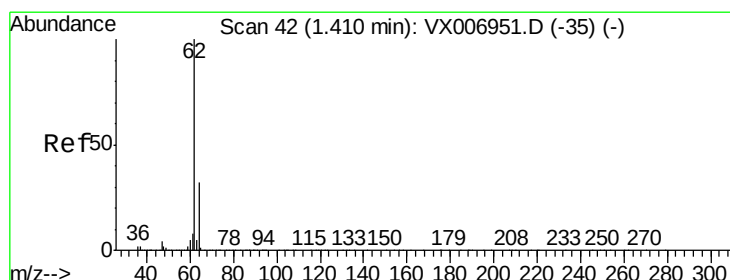
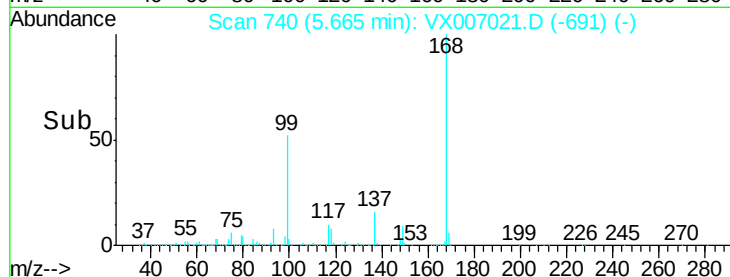
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.544 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007021.D

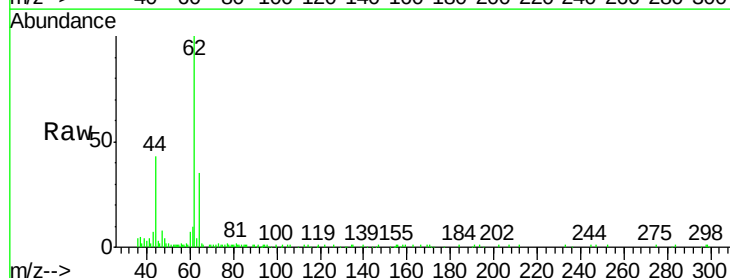
Acq: 11 Jan 2019 18:36

Tgt Ion: 62 Resp: 14082

Ion Ratio Lower Upper

62 100

64 34.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

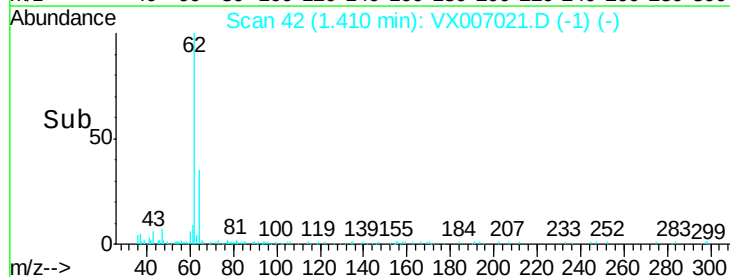
15000

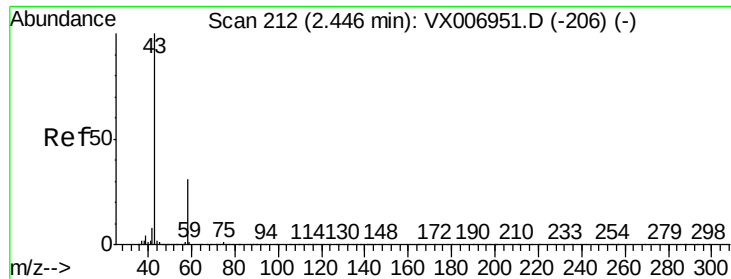
10000

5000

0

Time--> 1.35 1.40 1.45

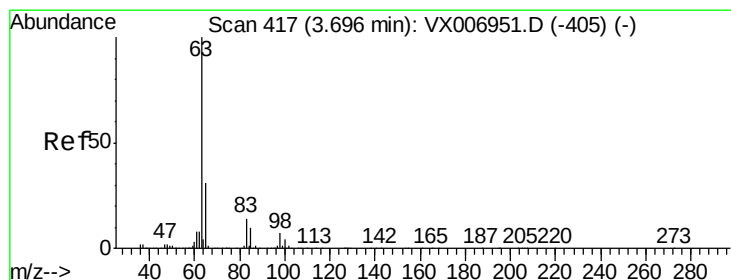
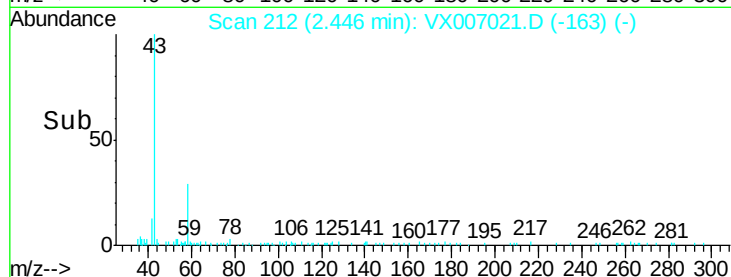
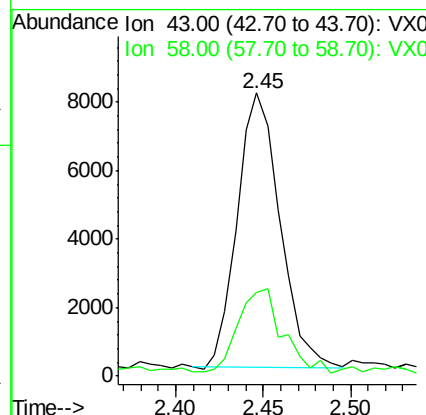
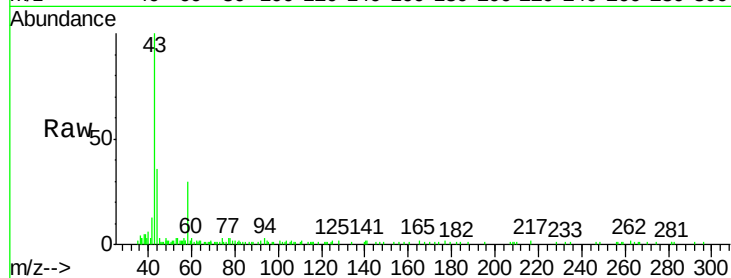




#16
Acetone
Concen: 4.887 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007021.D
Acq: 11 Jan 2019 18:36

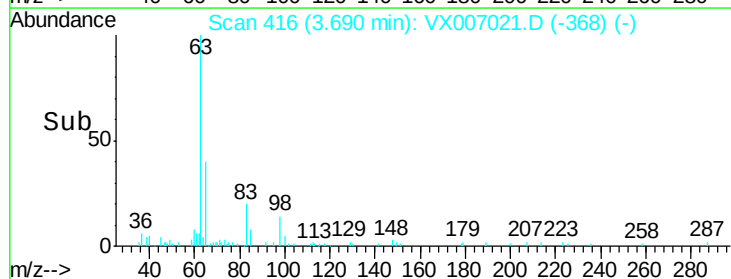
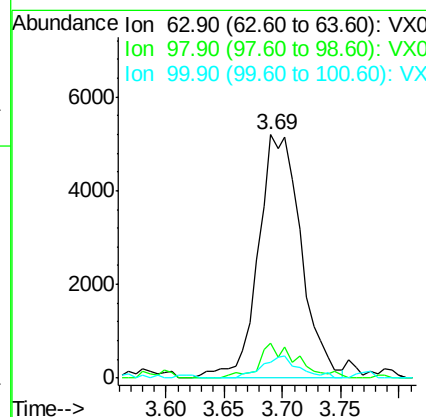
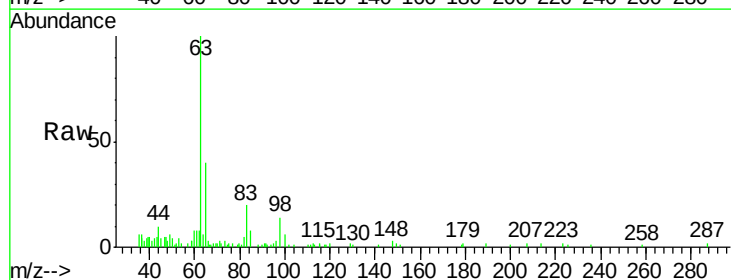
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-190109

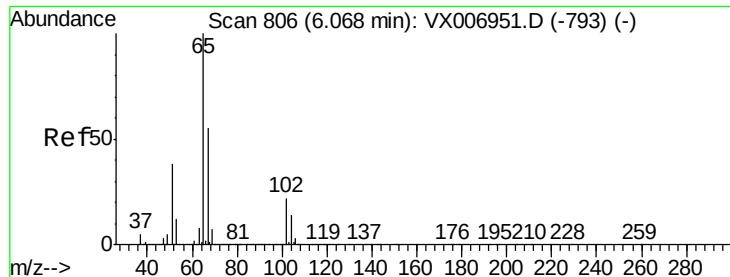
Tot Ion: 43 Resp: 13593
Ion Ratio Lower Upper
43 100
58 28.7 25.0 37.6



#24
1,1-Dichloroethane
Concen: 1.480 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.01 min
Lab File: VX007021.D
Acq: 11 Jan 2019 18:36

Tgt Ion: 63 Resp: 13192
Ion Ratio Lower Upper
63 100
98 14.1 3.9 11.5#
100 6.3 2.4 7.2





#33

1,2-Dichloroethane-d4

Concen: 52.140 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

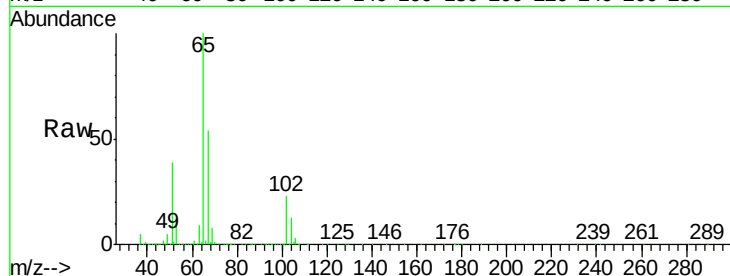
WP022MW102-190109

Tot Ion: 65 Resp: 293333

Ion Ratio Lower Upper

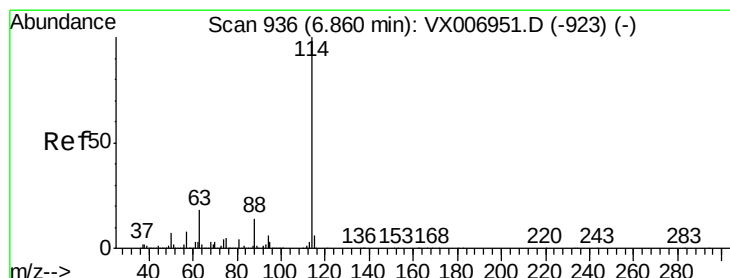
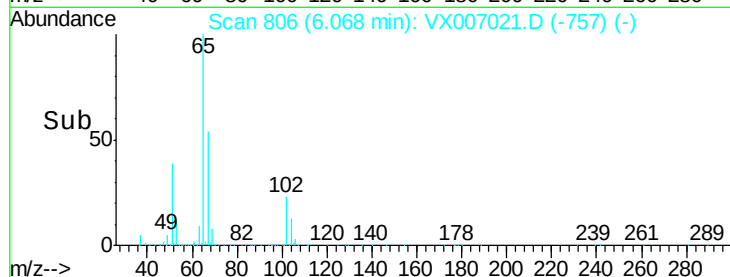
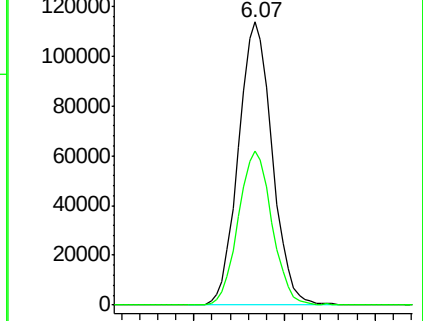
65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

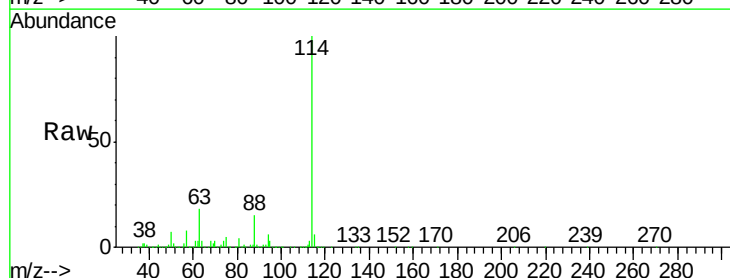
Tgt Ion: 114 Resp: 839543

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

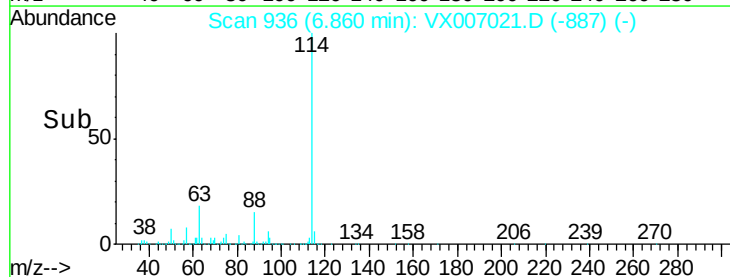
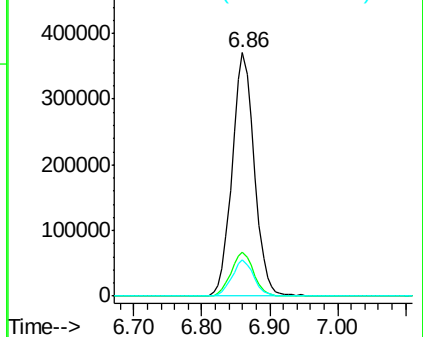
88 15.0 0.0 28.8

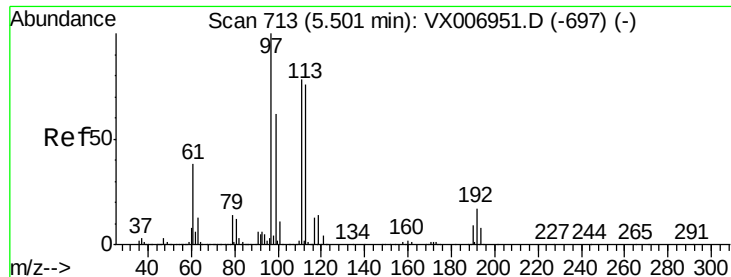


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.218 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-190109

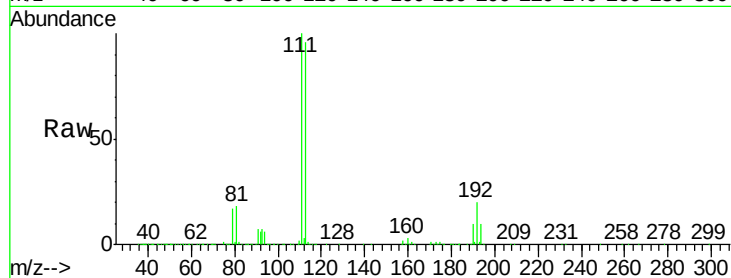
Tot Ion:113 Resp: 259236

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

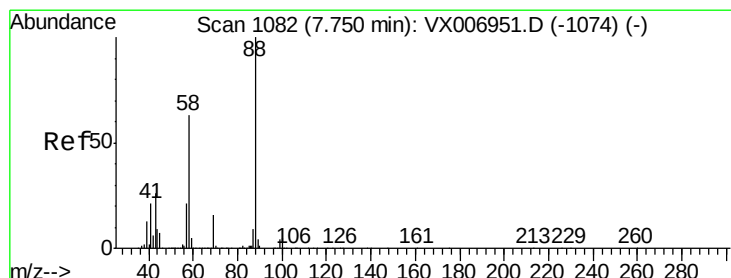
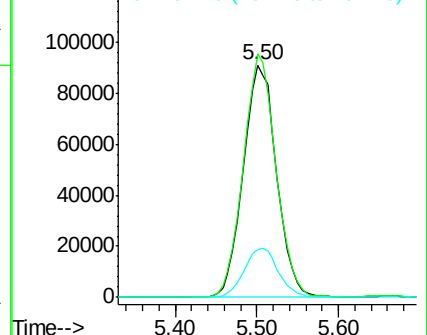
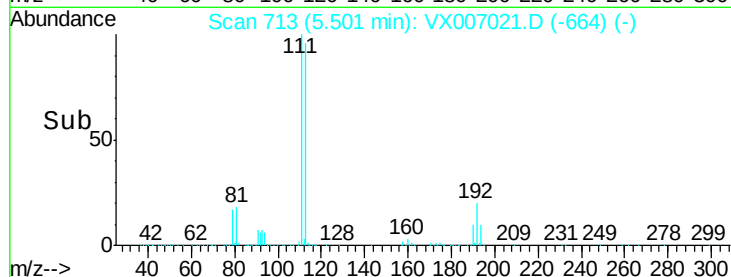
192 21.8 16.7 25.1



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



#49

1,4-Dioxane

Concen: 8.416 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

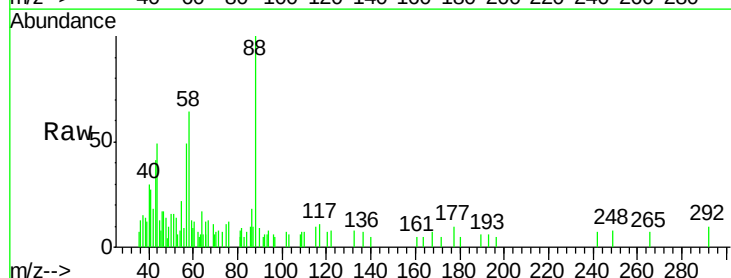
Tgt Ion: 88 Resp: 2450

Ion Ratio Lower Upper

88 100

43 63.6 22.2 33.4#

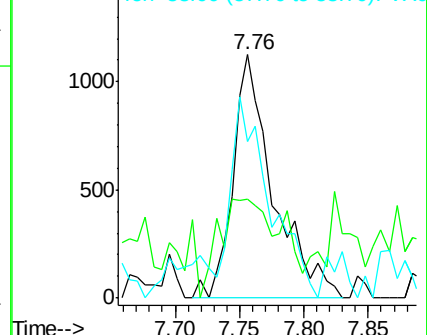
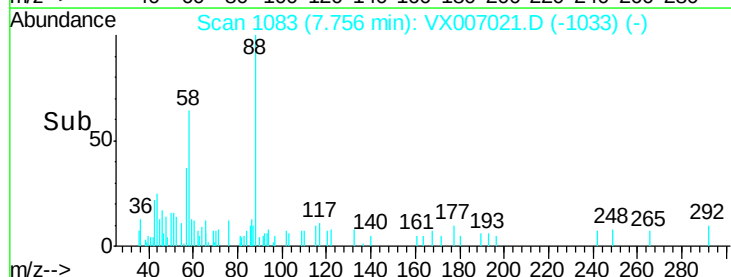
58 80.2 51.0 76.4#

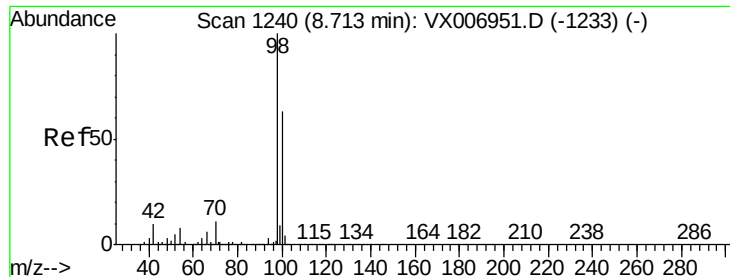


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.001 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

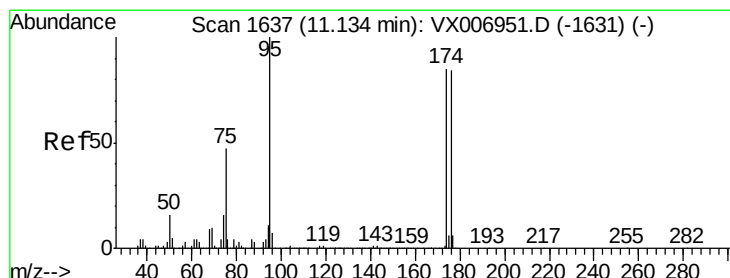
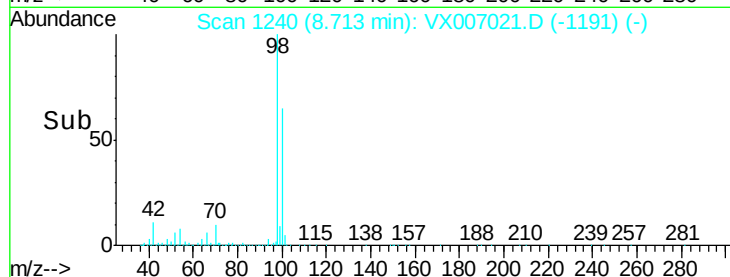
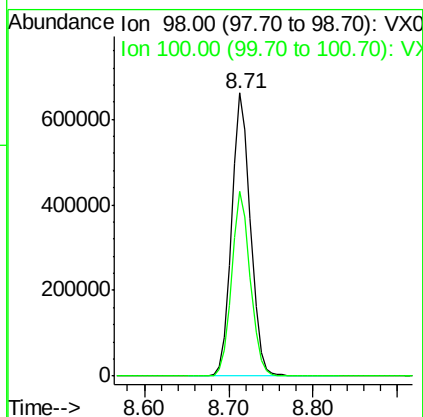
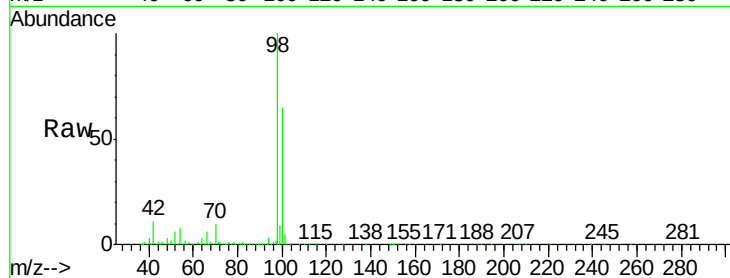
WP022MW102-190109

Tot Ion: 98 Resp: 1003664

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.831 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

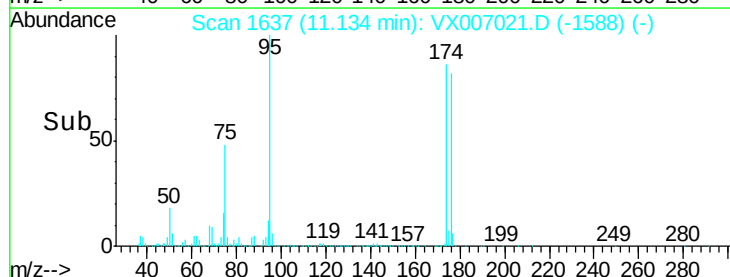
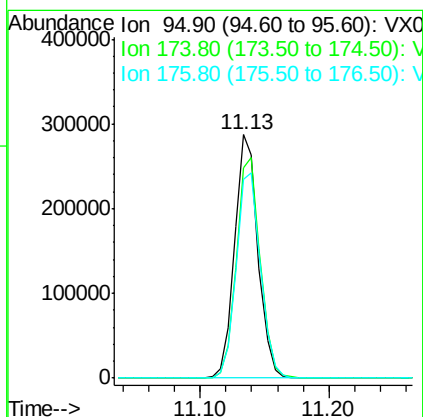
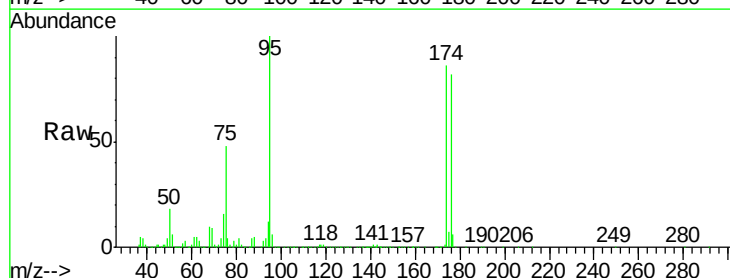
Tgt Ion: 95 Resp: 362453

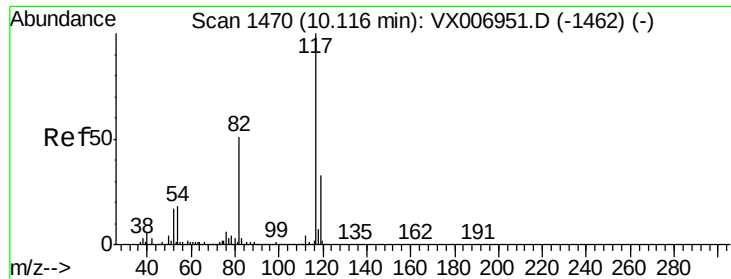
Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.2

176 88.1 0.0 178.8

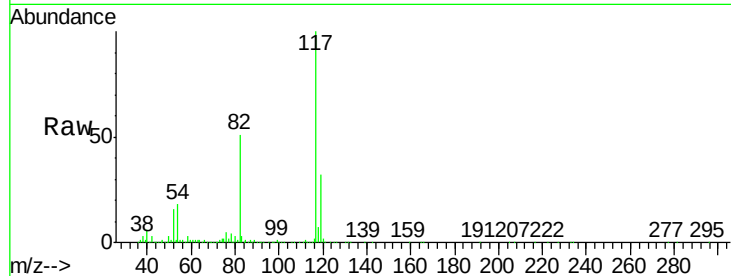




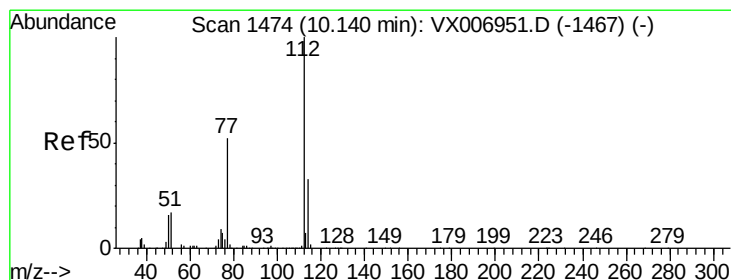
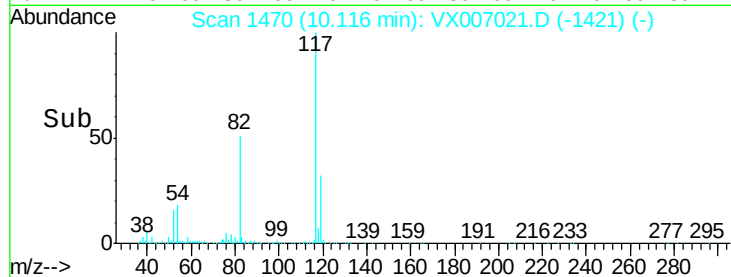
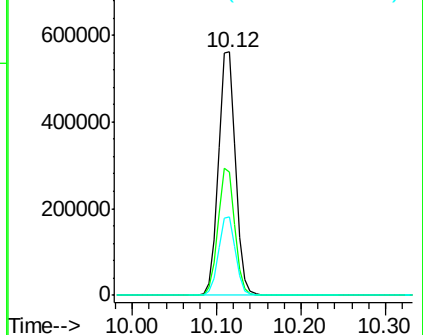
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007021.D
Acq: 11 Jan 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-190109

Tot Ion:117 Resp: 790988
Ion Ratio Lower Upper
117 100
82 50.6 41.0 61.6
119 32.3 25.4 38.0

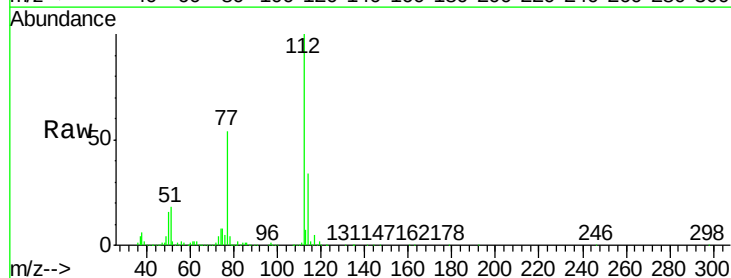


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

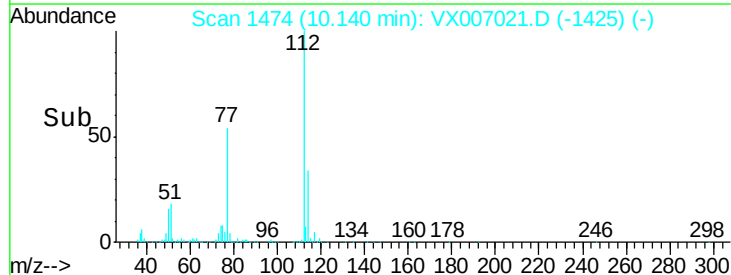
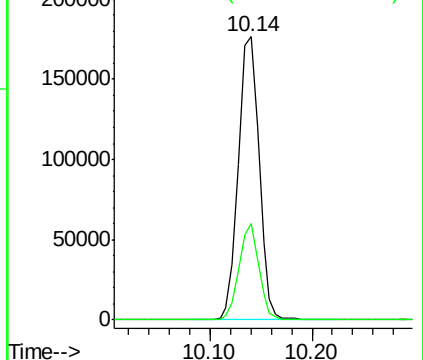


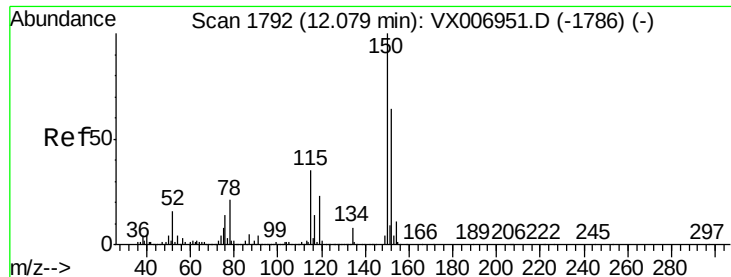
#65
Chlorobenzene
Concen: 14.399 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007021.D
Acq: 11 Jan 2019 18:36

Tgt Ion:112 Resp: 248415
Ion Ratio Lower Upper
112 100
114 34.0 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-190109

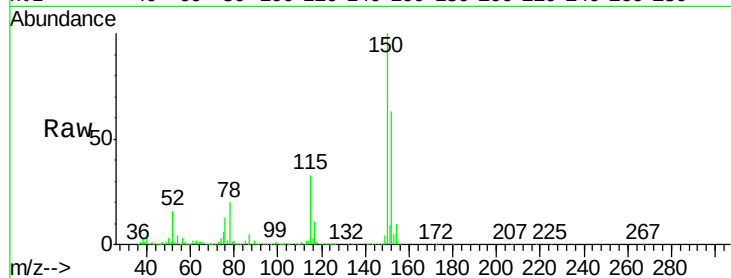
Tot Ion:152 Resp: 390494

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

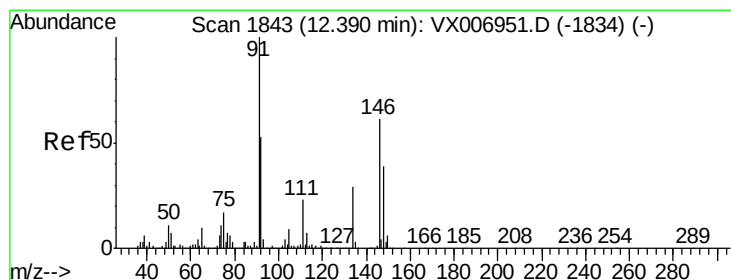
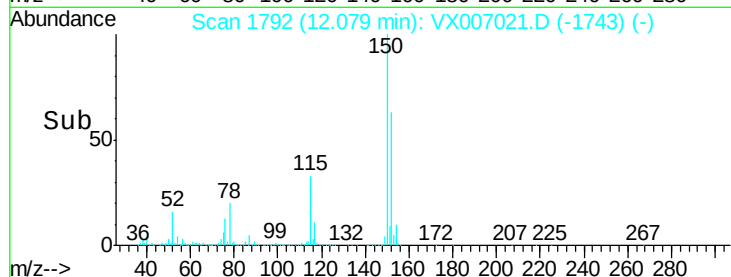
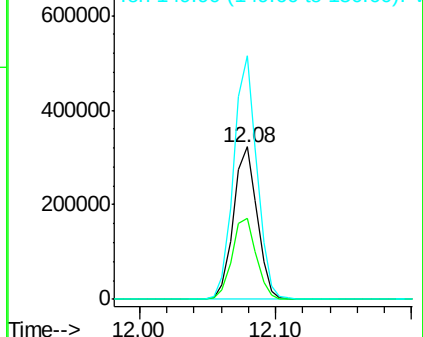
150 156.2 0.0 344.8



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: 0.477 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007021.D

Acq: 11 Jan 2019 18:36

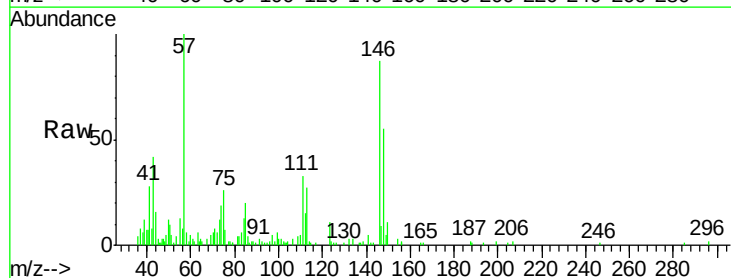
Tgt Ion:146 Resp: 6452

Ion Ratio Lower Upper

146 100

111 36.7 19.4 58.2

148 64.4 32.3 96.9



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

