

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016708.D
 Acq On : 11 Jun 2020 16:42
 Operator : JC/SP
 Sample : L2963-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-200608

Quant Time: Jun 12 07:40:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

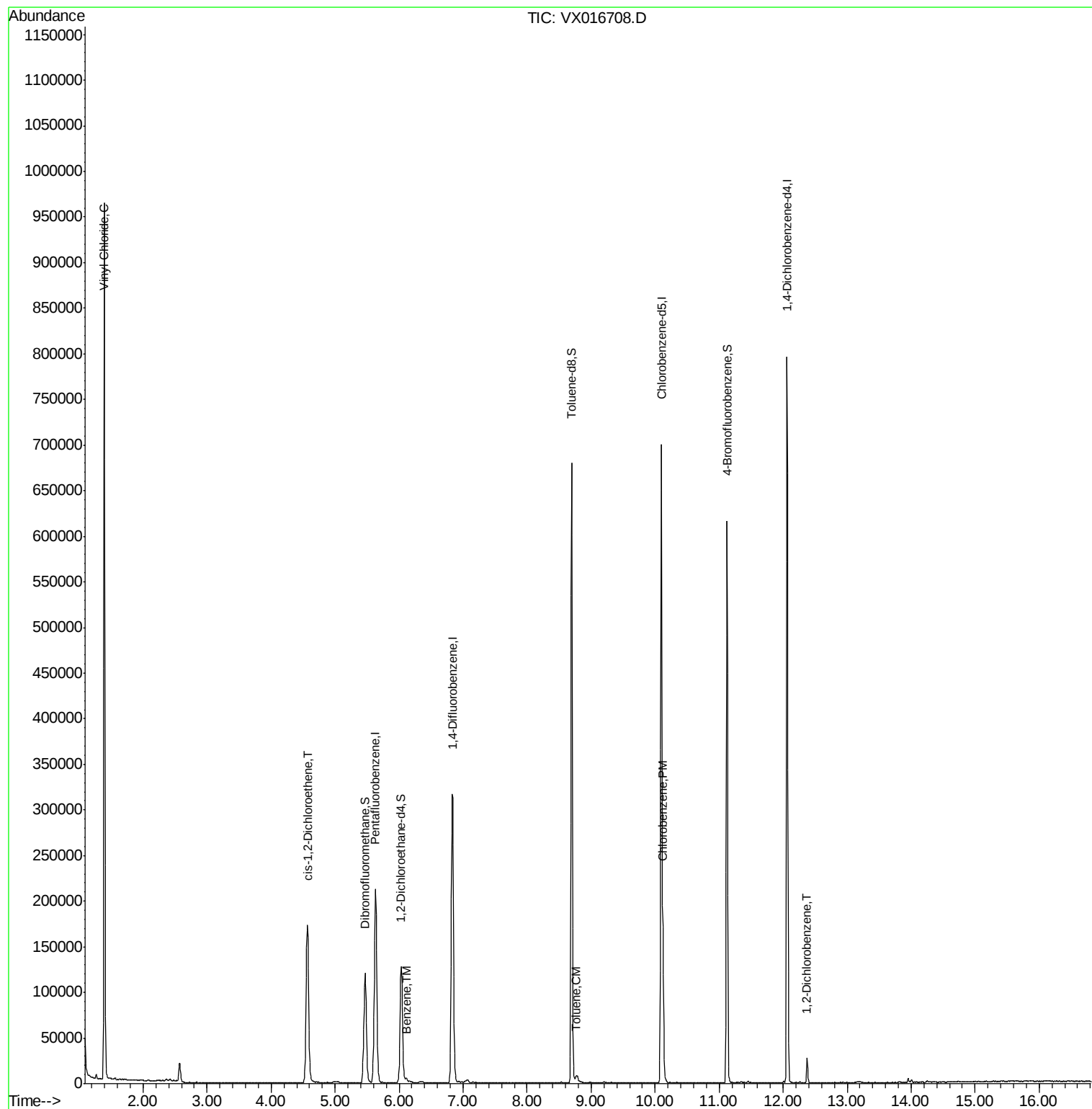
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	209252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	328276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	173587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	125210	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	5.47	113	102294	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	8.70	98	402829	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.12	95	163664	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	555590	211.114	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	116831	45.345	ug/l	88
40) Benzene	6.12	78	4703	0.508	ug/l	97
52) Toluene	8.76	92	1349	0.231	ug/l	85
65) Chlorobenzene	10.12	112	69706	10.116	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	9220	1.741	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

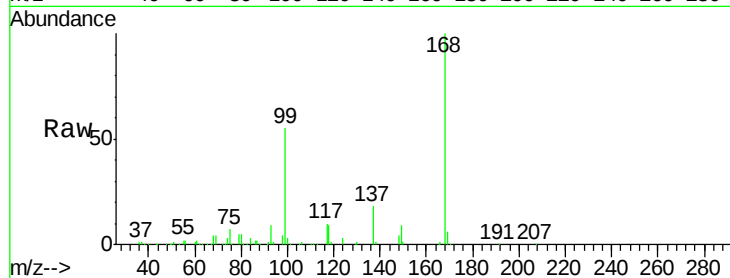
LF014MW015-200608

Tot Ion:168 Resp: 209252

Ion Ratio Lower Upper

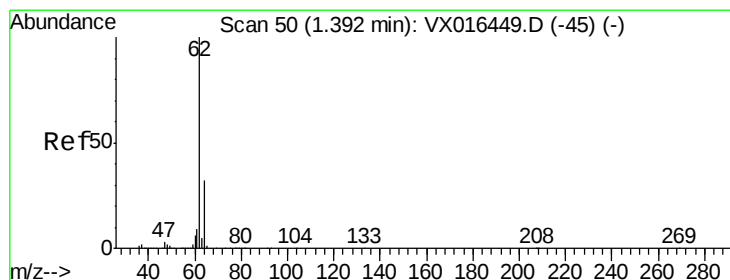
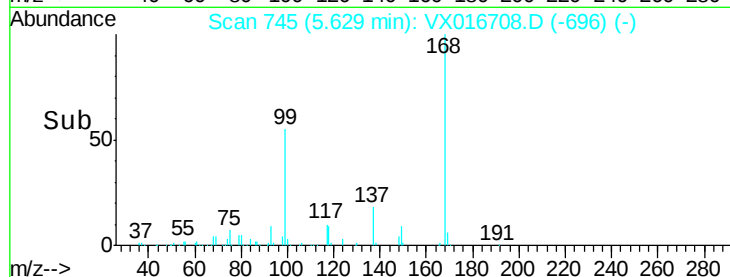
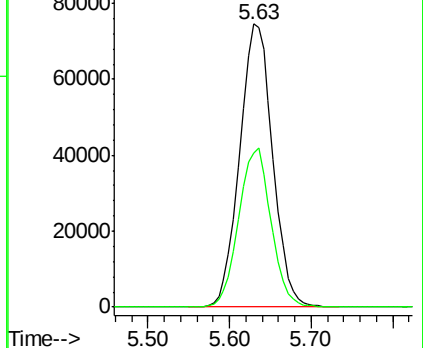
168 100

99 54.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 211.114 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016708.D

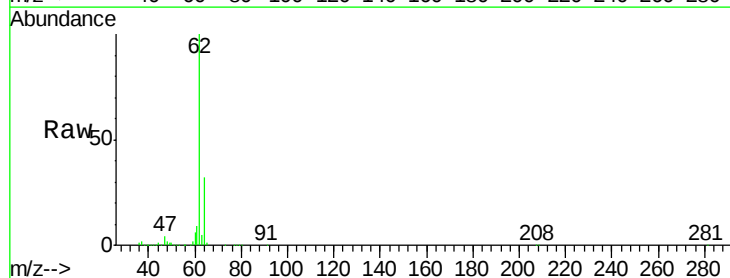
Acq: 11 Jun 2020 16:42

Tgt Ion: 62 Resp: 555590

Ion Ratio Lower Upper

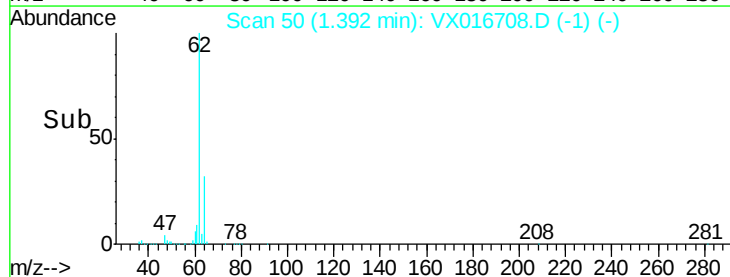
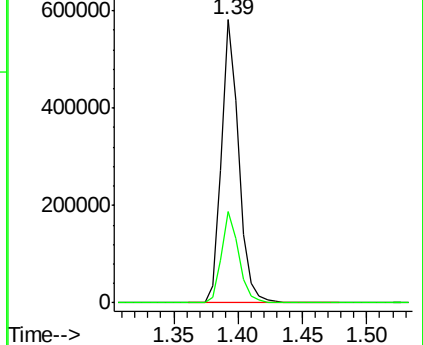
62 100

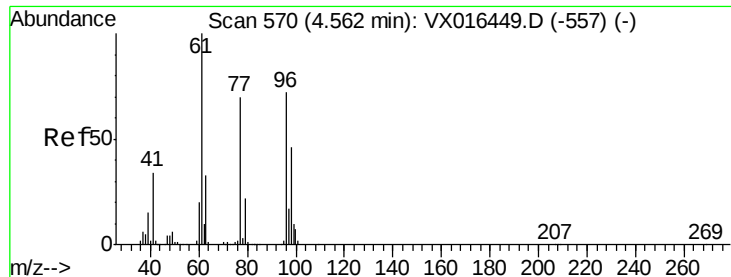
64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



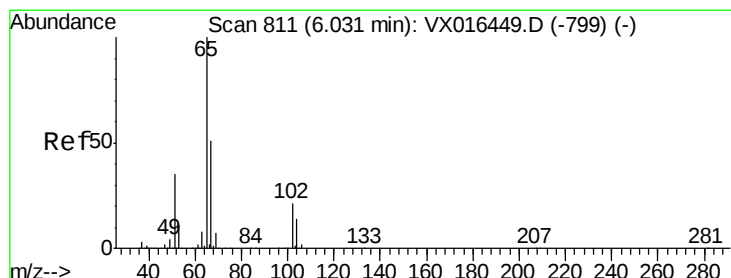
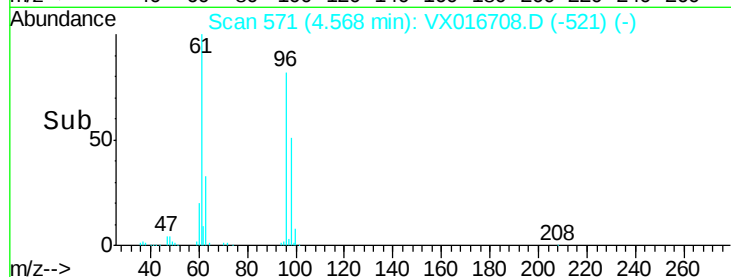
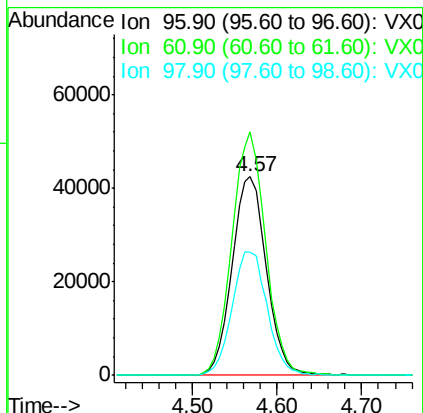
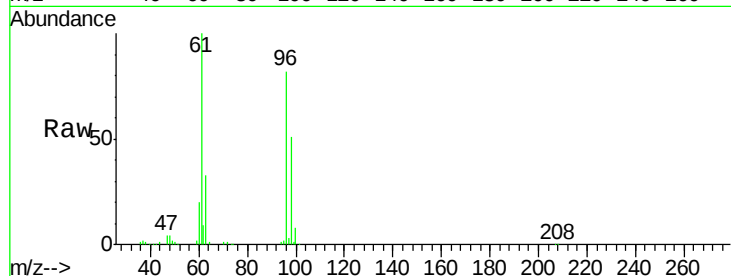


#27

cis-1,2-Dichloroethene
 Concen: 45.345 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016708.D
 Acq: 11 Jun 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-200608

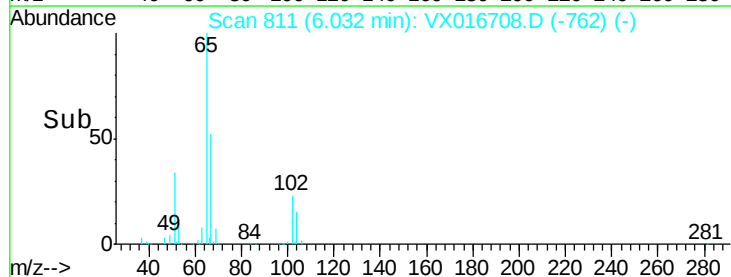
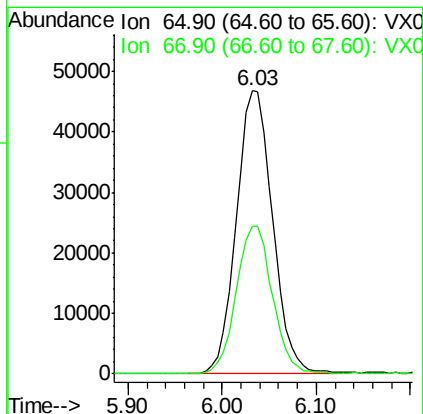
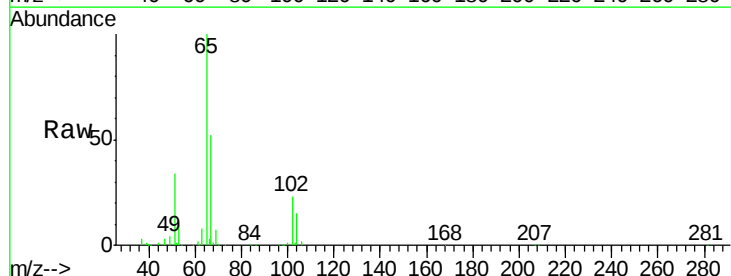
Tot Ion	96	Resp	116831
Ion	Ratio	Lower	Upper
96	100		
61	120.7	0.0	284.6
98	64.0	0.0	127.2

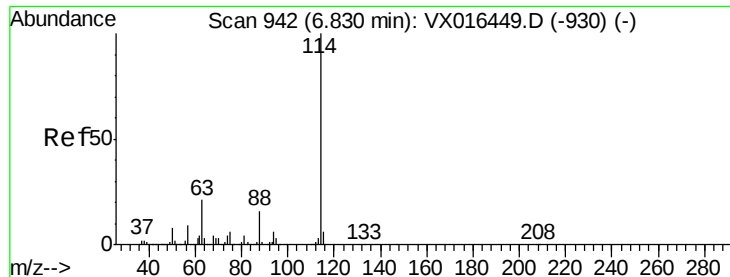


#33

1,2-Dichloroethane-d4
 Concen: 48.183 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016708.D
 Acq: 11 Jun 2020 16:42

Tgt Ion	65	Resp	125210
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-200608

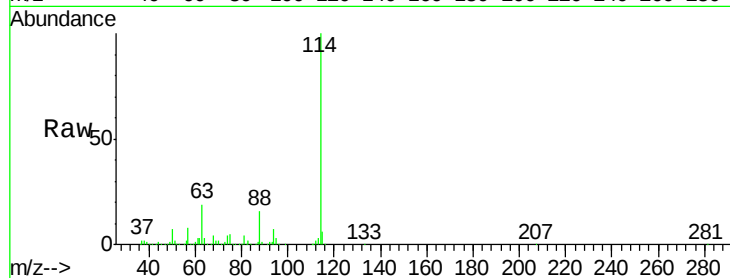
Tot Ion:114 Resp: 328276

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

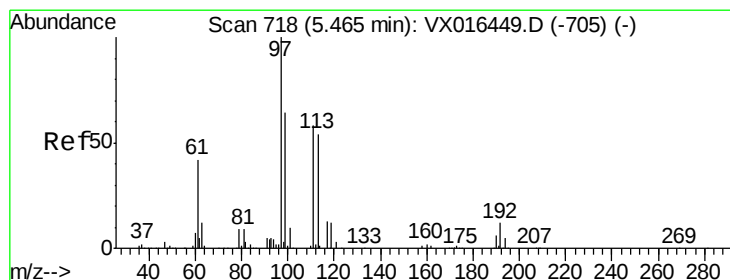
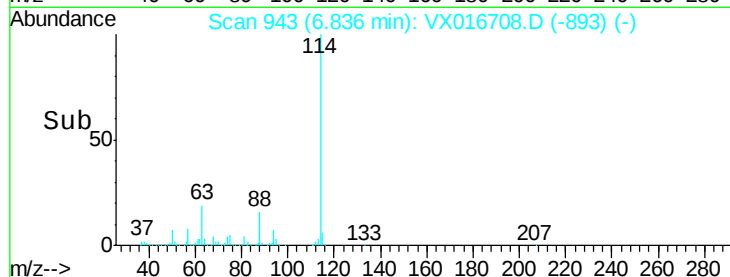
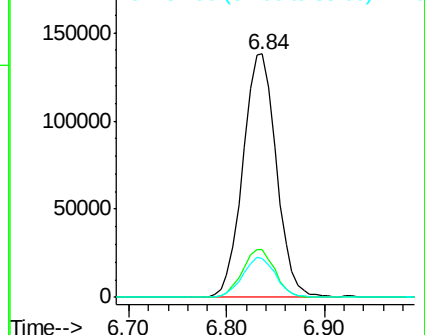
88 16.1 0.0 32.8



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: 50.607 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

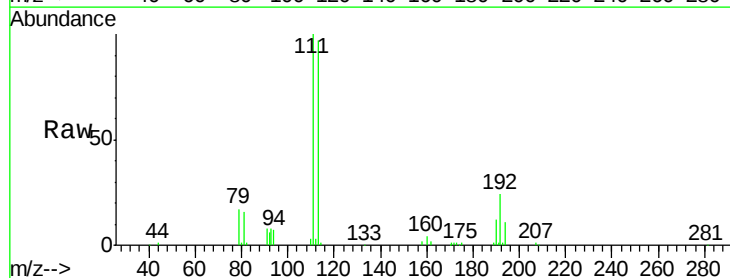
Tgt Ion:113 Resp: 102294

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.6

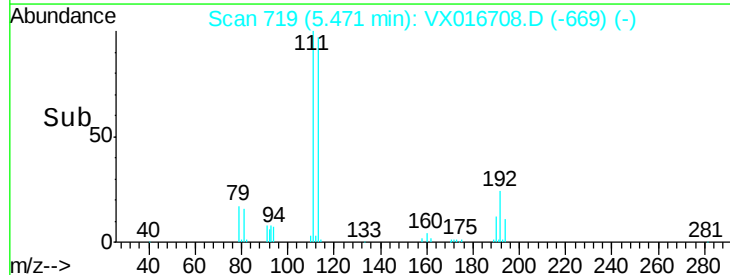
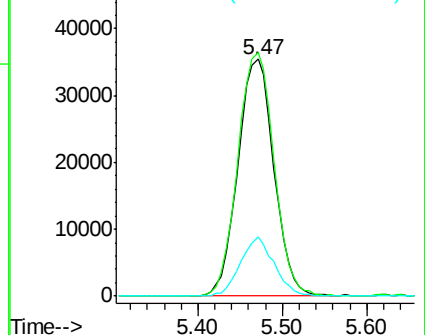
192 23.3 17.7 26.5

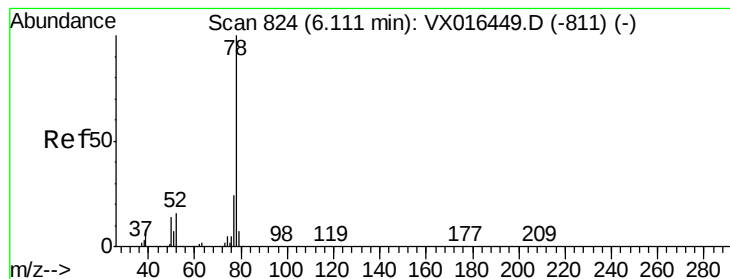


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.508 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

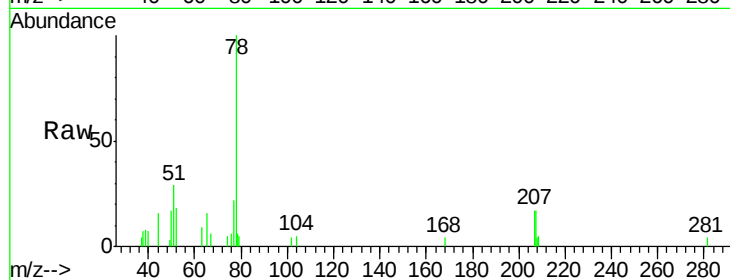
LF014MW015-200608

Tot Ion: 78 Resp: 4703

Ion Ratio Lower Upper

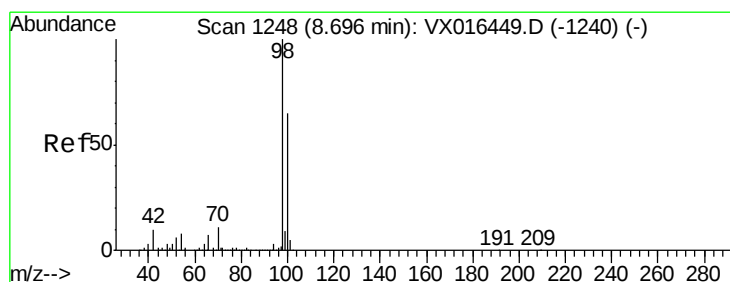
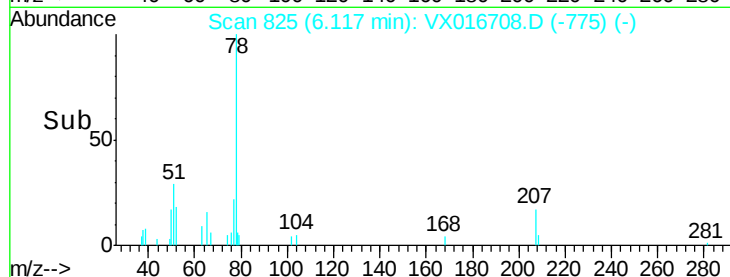
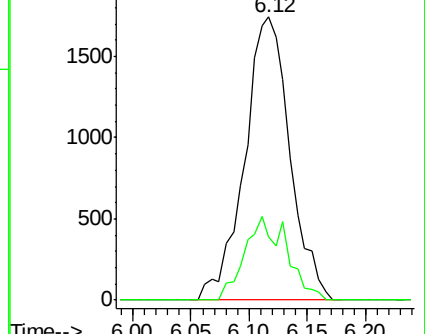
78 100

77 22.3 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.202 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016708.D

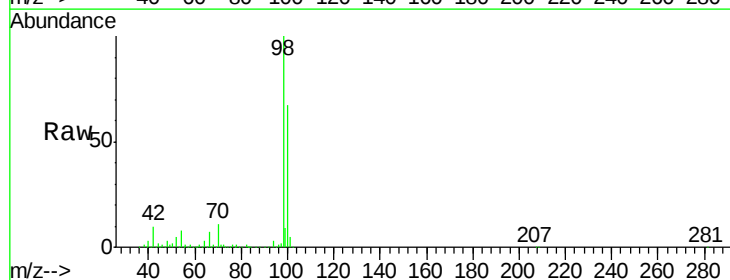
Acq: 11 Jun 2020 16:42

Tgt Ion: 98 Resp: 402829

Ion Ratio Lower Upper

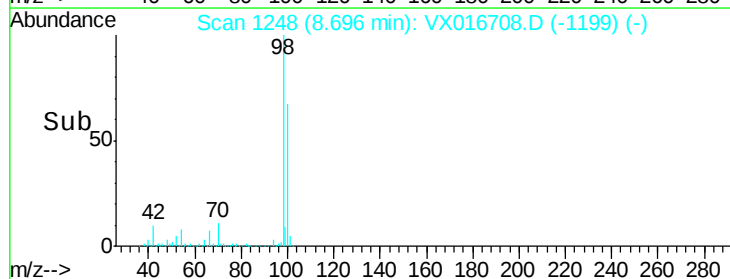
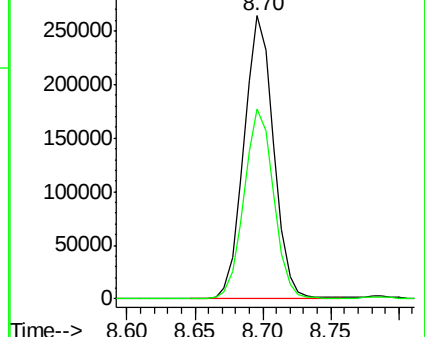
98 100

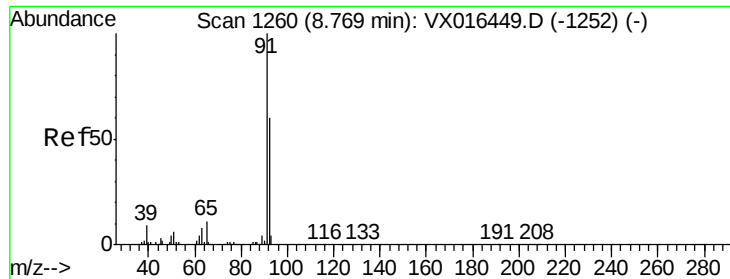
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.231 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

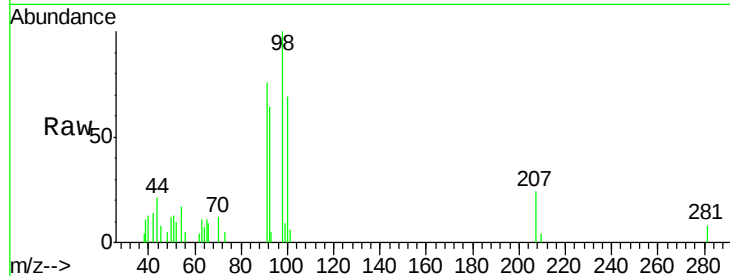
LF014MW015-200608

Tot Ion: 92 Resp: 1349

Ion Ratio Lower Upper

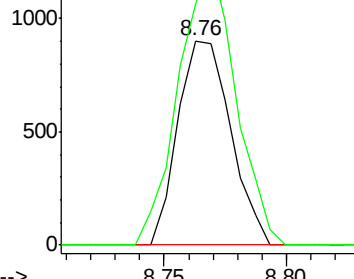
92 100

91 148.3 135.0 202.4

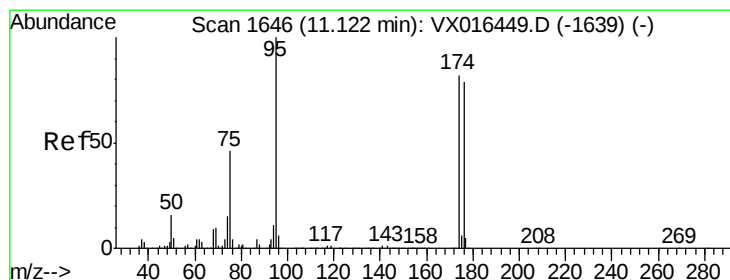
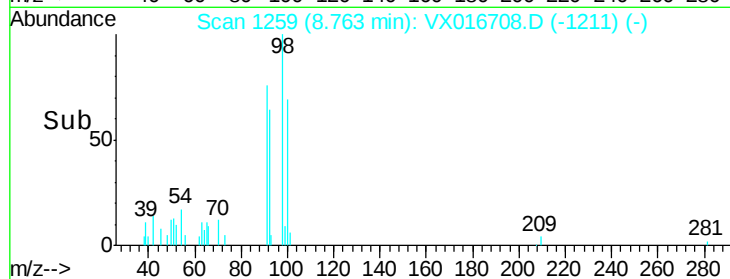


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 53.837 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

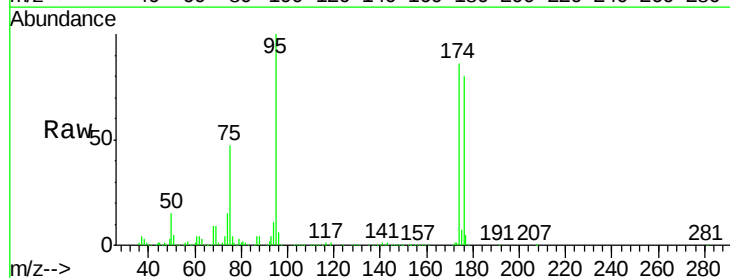
Tgt Ion: 95 Resp: 163664

Ion Ratio Lower Upper

95 100

174 86.0 0.0 163.0

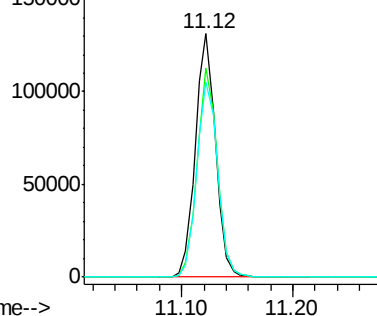
176 83.1 0.0 156.8



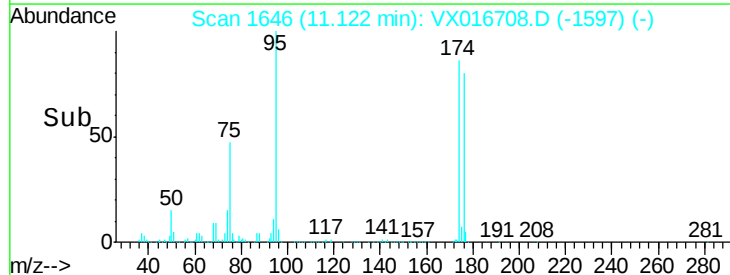
Abundance Ion 94.90 (94.60 to 95.60): VX0

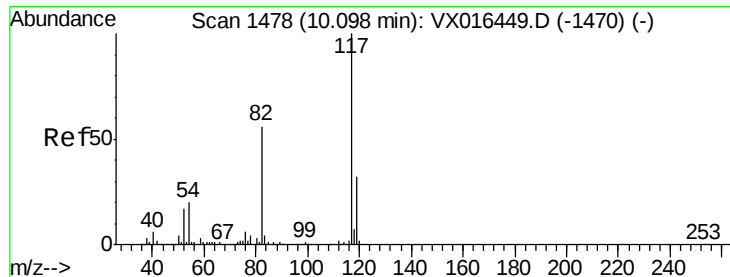
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

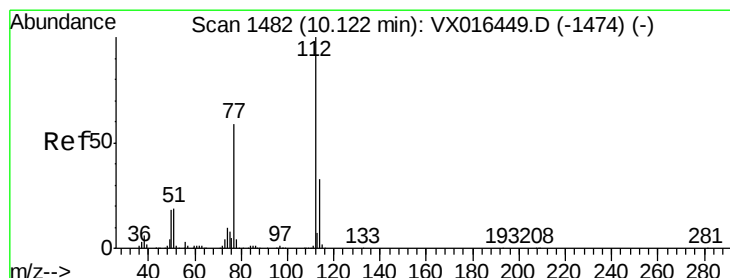
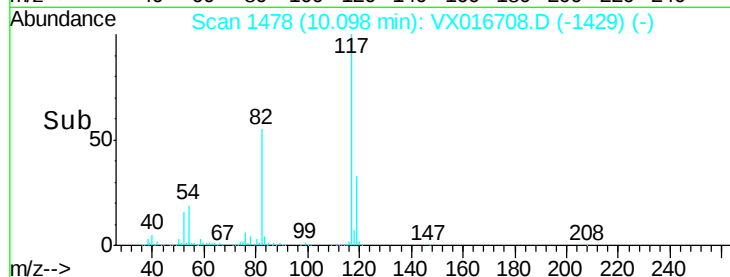
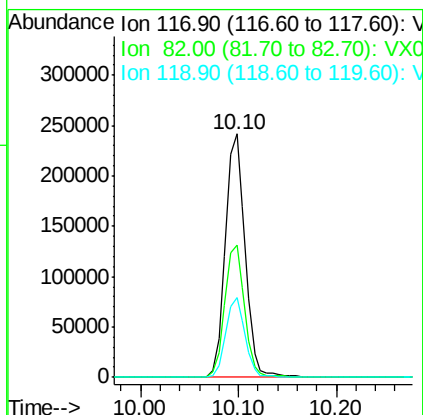
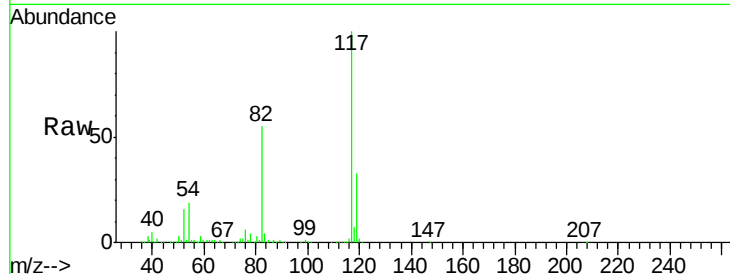




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016708.D
Acq: 11 Jun 2020 16:42

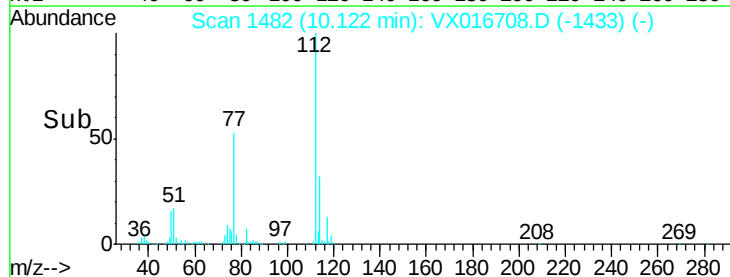
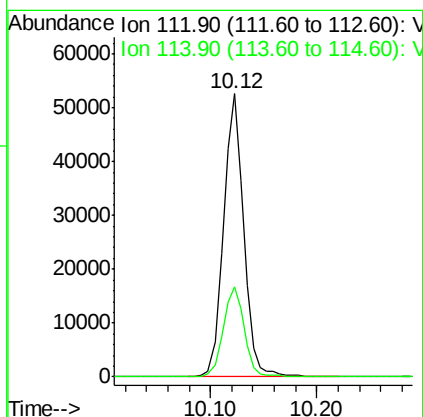
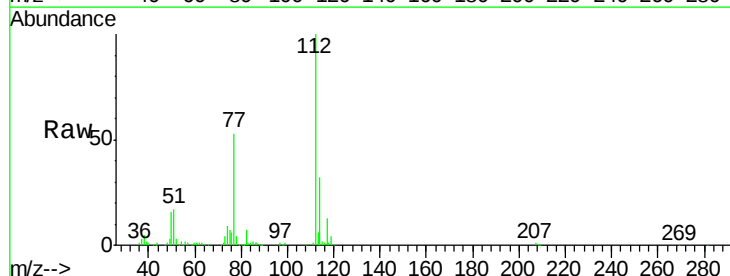
Instrument :
MSVOA_X
ClientSampleId :
LF014MW015-200608

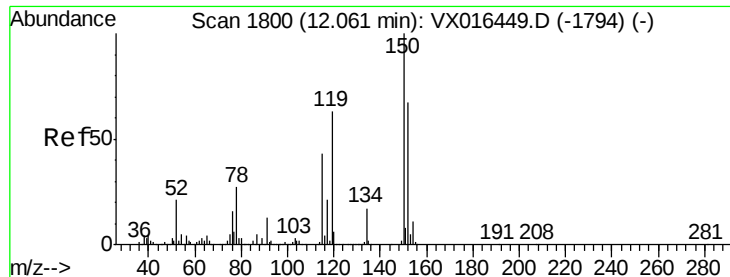
Tot Ion:117 Resp: 337989
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.6
119 32.5 25.8 38.8



#65
Chlorobenzene
Concen: 10.116 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016708.D
Acq: 11 Jun 2020 16:42

Tgt Ion:112 Resp: 69706
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-200608

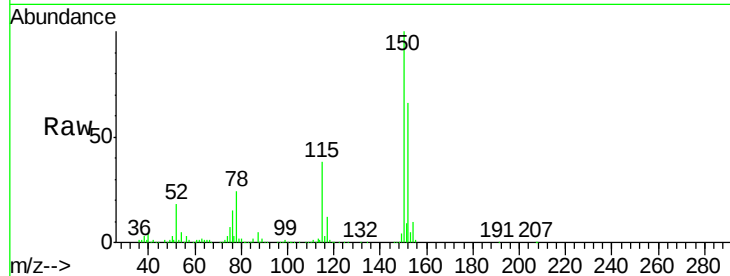
Tot Ion:152 Resp: 173587

Ion Ratio Lower Upper

152 100

115 58.2 39.9 119.6

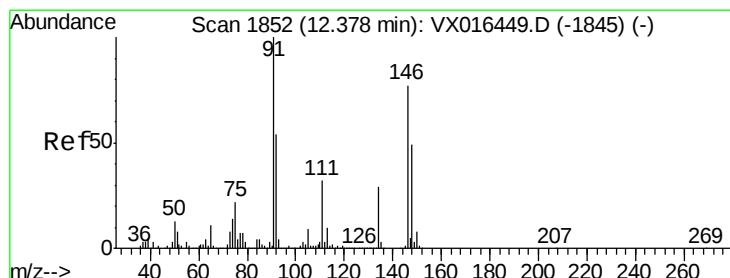
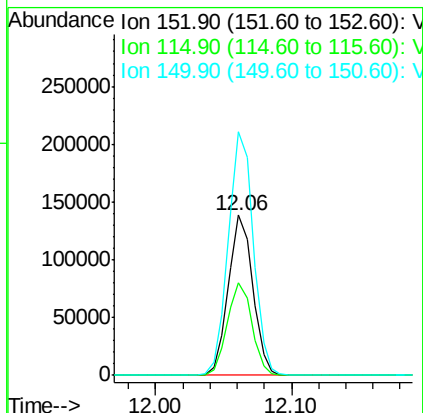
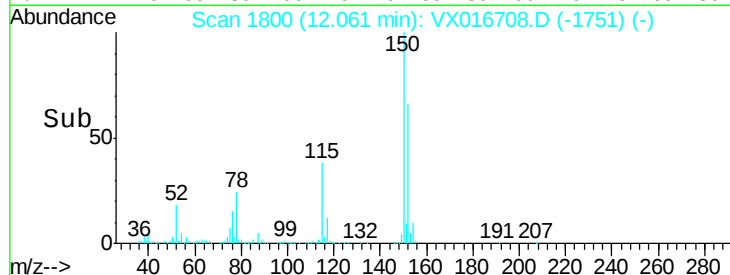
150 155.1 0.0 341.0



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: 1.741 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016708.D

Acq: 11 Jun 2020 16:42

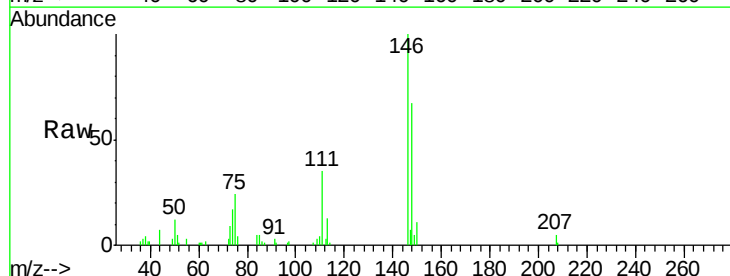
Tgt Ion:146 Resp: 9220

Ion Ratio Lower Upper

146 100

111 41.8 21.4 64.3

148 63.1 31.9 95.7



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

