

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056047.D
 Acq On : 6 Jun 2019 15:46
 Operator : JC/SP
 Sample : K3203-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW003-190604

Quant Time: Jun 07 05:54:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

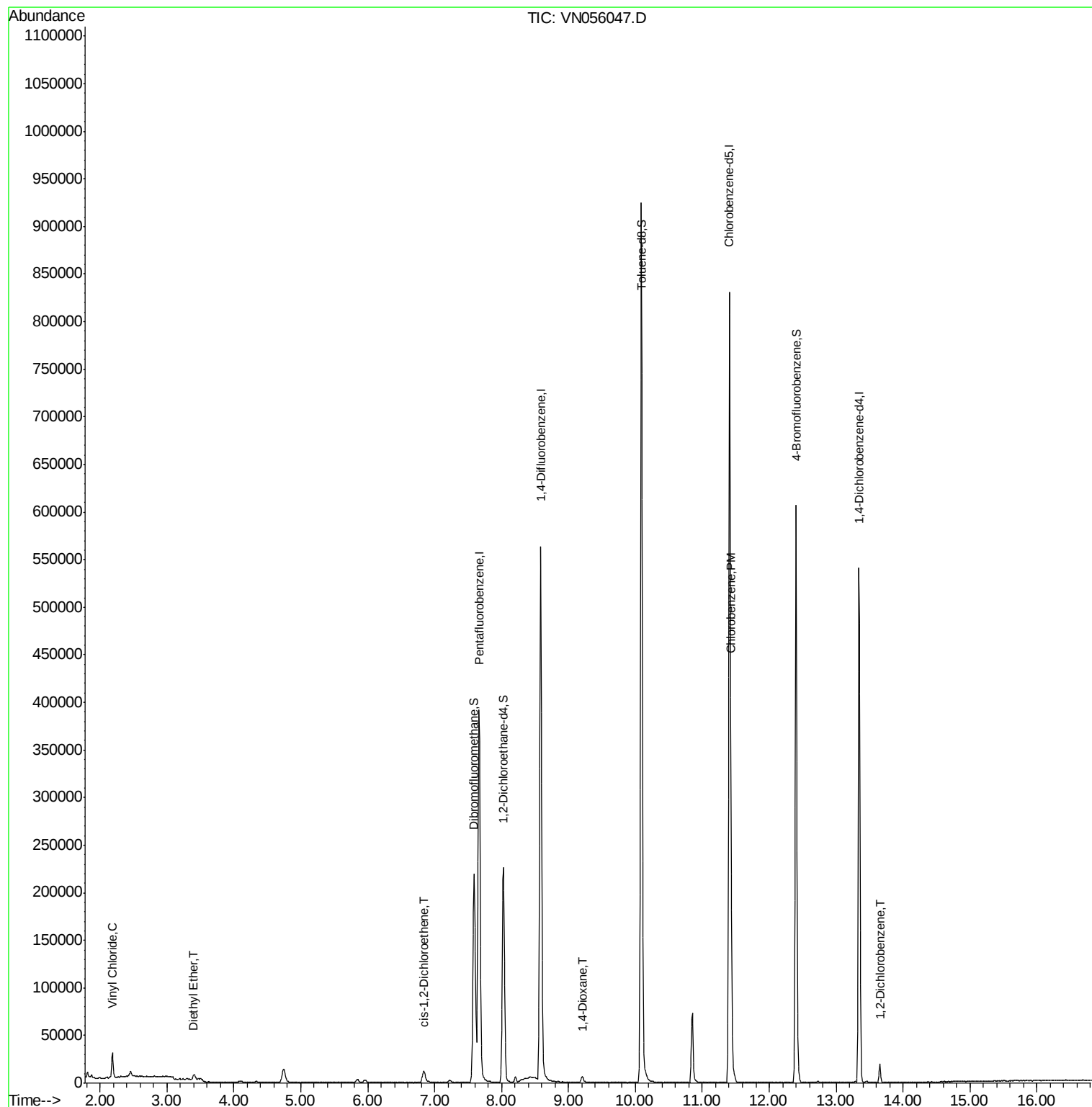
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	372424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	555261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	191118	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.59	113	166451	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	692900	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.40	95	216250	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	23973	5.920	ug/l	98
8) Diethyl Ether	3.41	74	2714	1.277	ug/l	90
27) cis-1,2-Dichloroethene	6.83	96	3913	0.994	ug/l	100
49) 1,4-Dioxane	9.20	88	6051	83.224	ug/l #	89
65) Chlorobenzene	11.43	112	81396	7.845	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	9405	1.705	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056047.D

Acq: 6 Jun 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

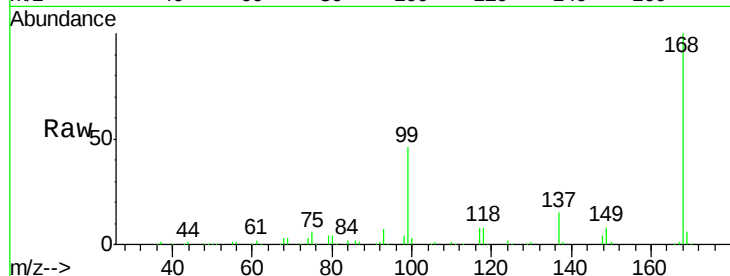
LF001MW003-190604

Tot Ion:168 Resp: 372424

Ion Ratio Lower Upper

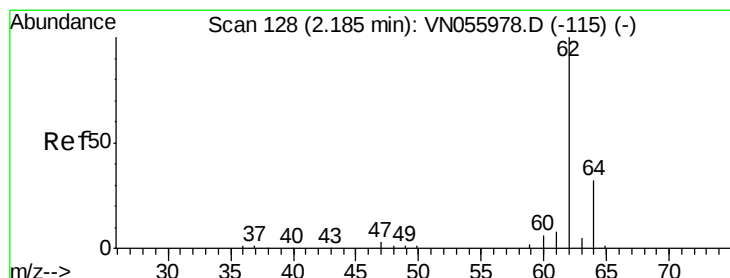
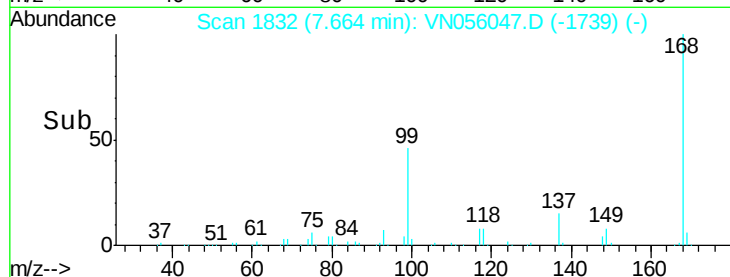
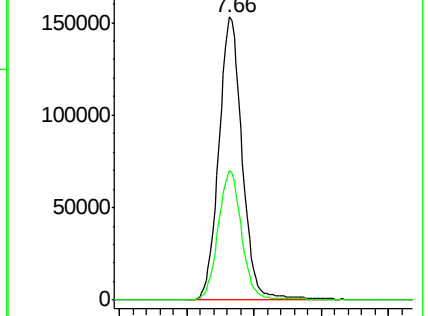
168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#4

Vinyl Chloride

Concen: 5.920 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056047.D

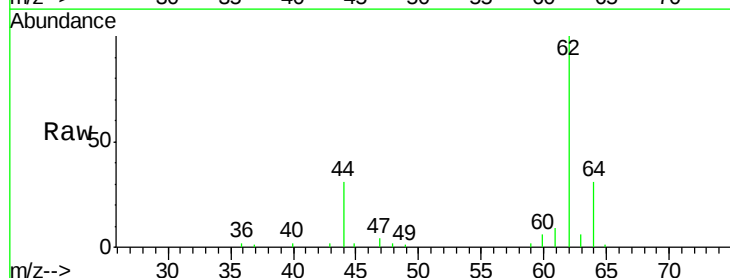
Acq: 6 Jun 2019 15:46

Tgt Ion: 62 Resp: 23973

Ion Ratio Lower Upper

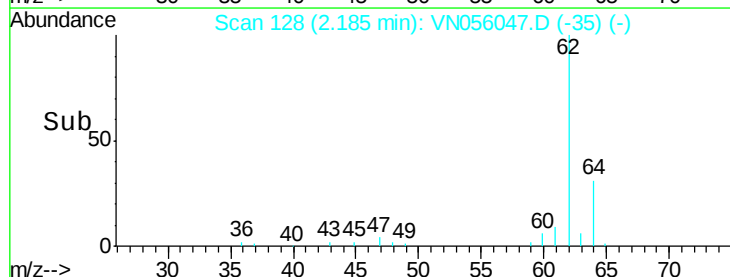
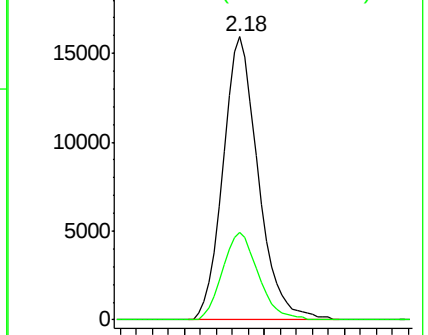
62 100

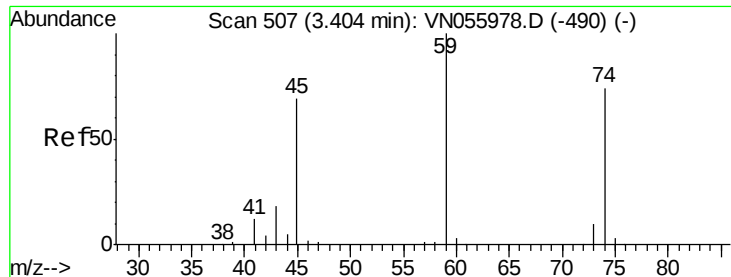
64 30.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN





#8

Diethyl Ether

Concen: 1.277 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN056047.D

Acq: 6 Jun 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

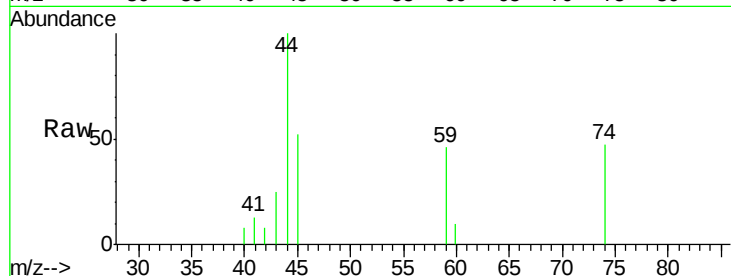
LF001MW003-190604

Tot Ion: 74 Resp: 2714

Ion Ratio Lower Upper

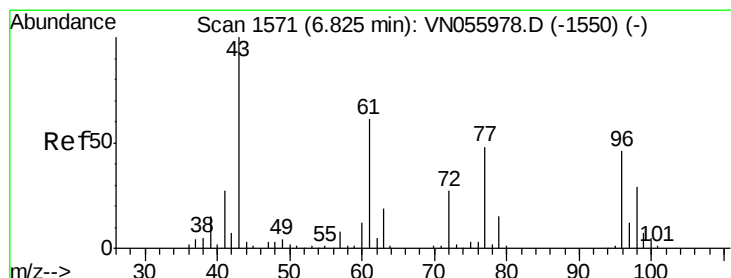
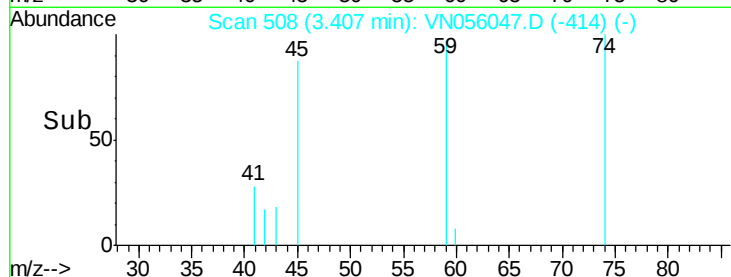
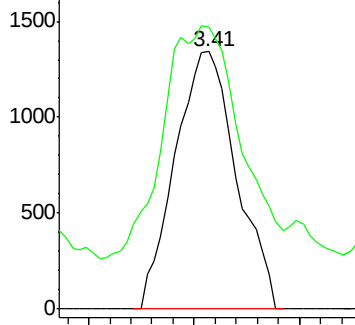
74 100

45 107.3 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.994 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056047.D

Acq: 6 Jun 2019 15:46

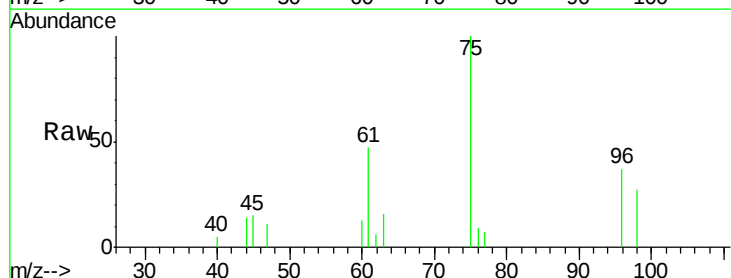
Tgt Ion: 96 Resp: 3913

Ion Ratio Lower Upper

96 100

61 138.0 0.0 275.8

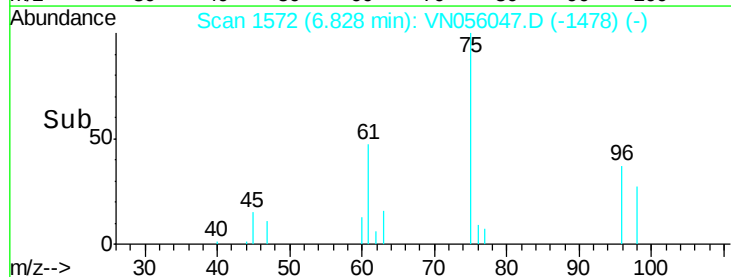
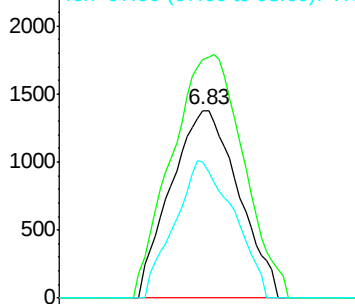
98 64.0 0.0 128.4

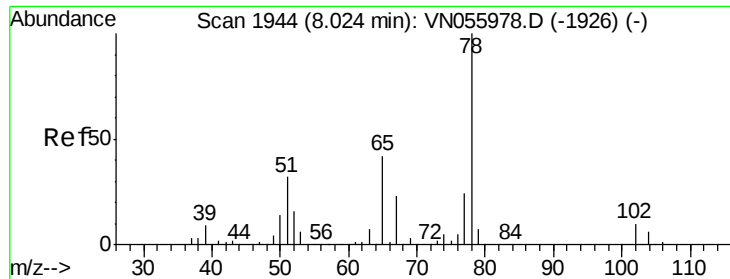


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

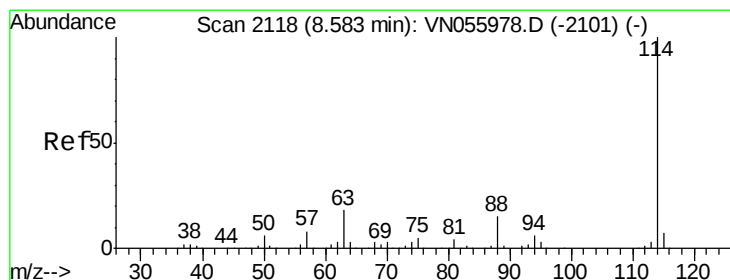
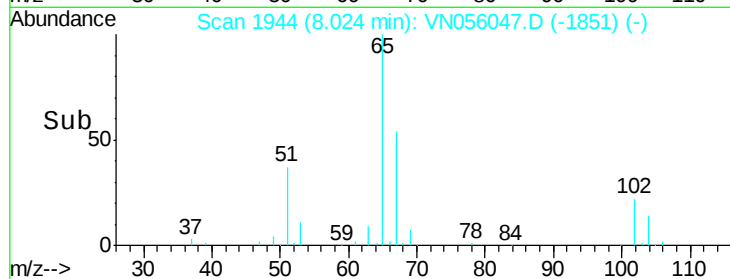
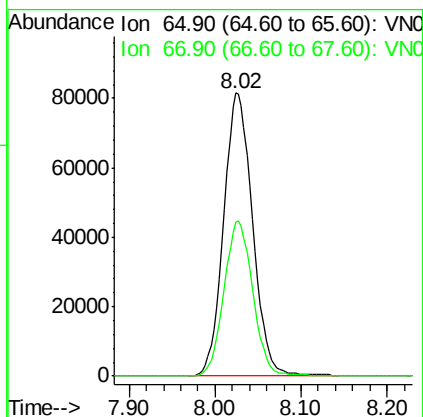
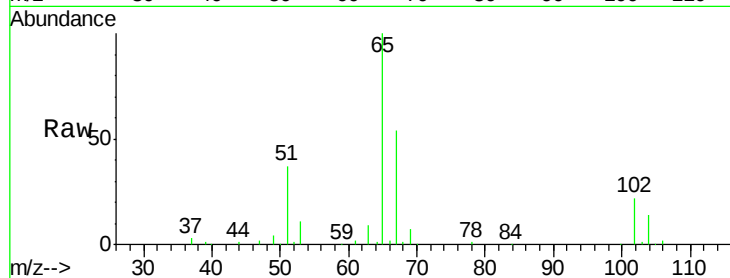




#33
 1,2-Dichloroethane-d4
 Concen: 51.683 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056047.D
 Acq: 6 Jun 2019 15:46

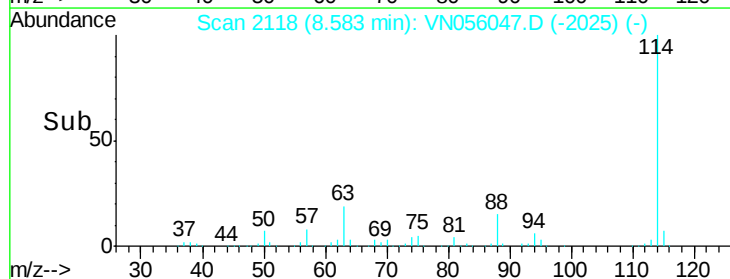
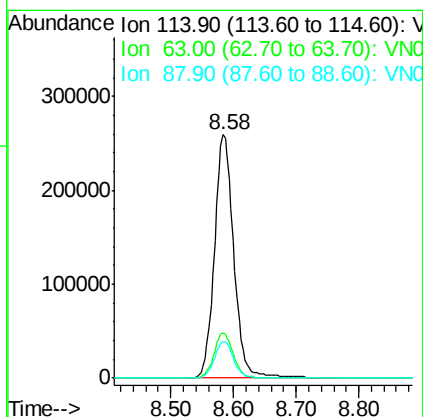
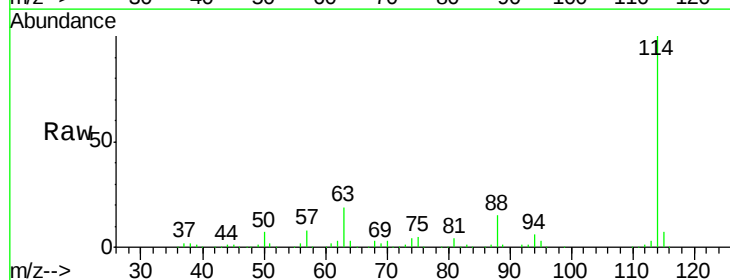
Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW003-190604

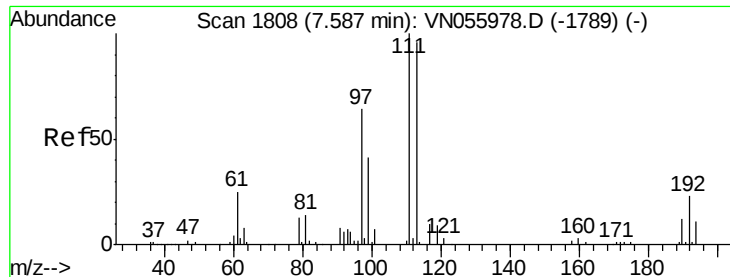
Tot Ion: 65 Resp: 191118
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056047.D
 Acq: 6 Jun 2019 15:46

Tgt Ion: 114 Resp: 555261
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.1 0.0 31.0

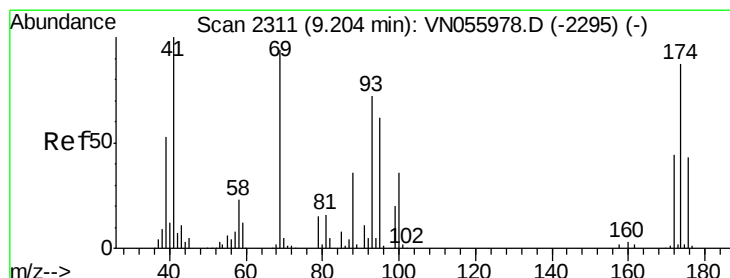
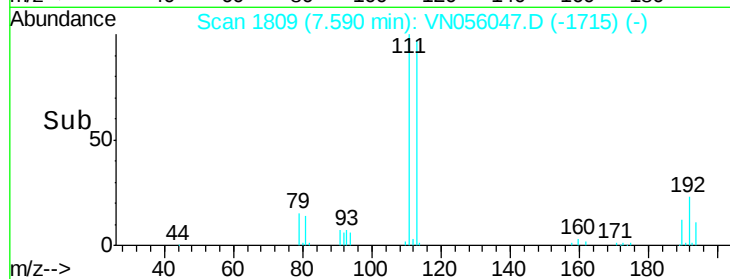
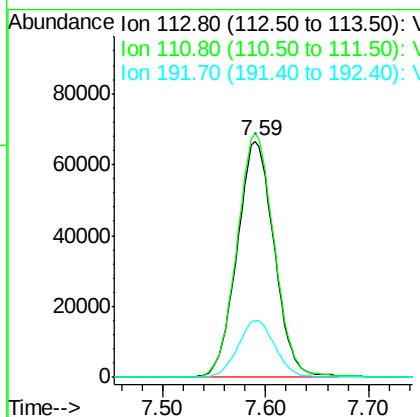
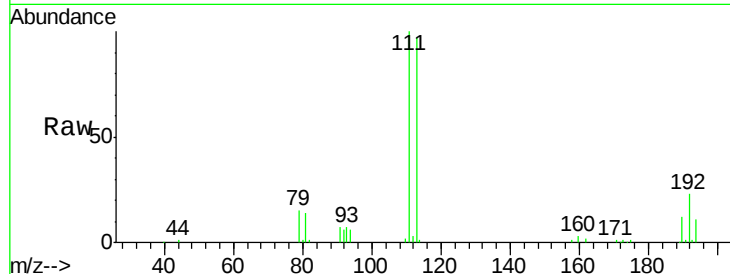




#35
 Dibromofluoromethane
 Concen: 48.860 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056047.D
 Acq: 6 Jun 2019 15:46

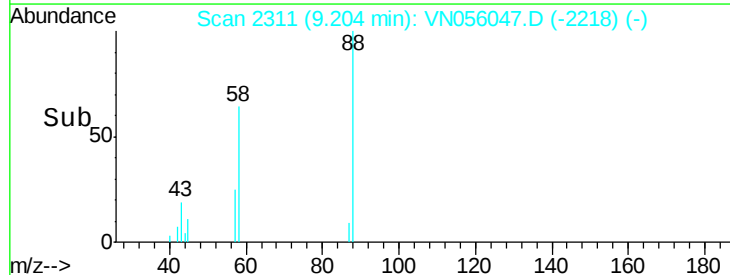
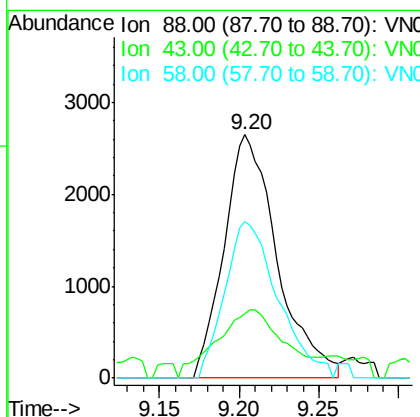
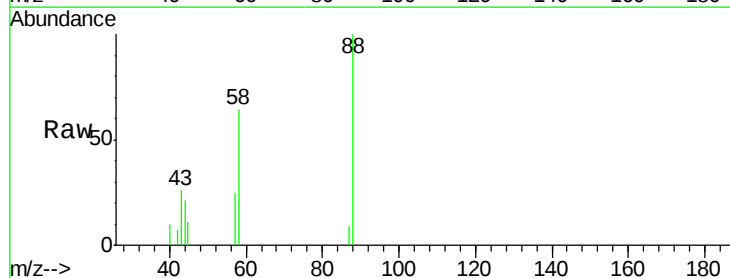
Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW003-190604

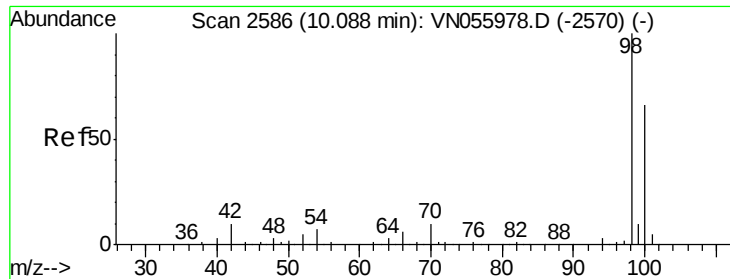
Tot Ion:113 Resp: 166451
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.9 122.9
 192 24.1 19.5 29.3



#49
 1,4-Dioxane
 Concen: 83.224 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056047.D
 Acq: 6 Jun 2019 15:46

Tgt Ion: 88 Resp: 6051
 Ion Ratio Lower Upper
 88 100
 43 35.8 20.5 30.7#
 58 64.0 55.8 83.6





#50

Toluene-d8

Concen: 52.857 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056047.D

Acq: 6 Jun 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

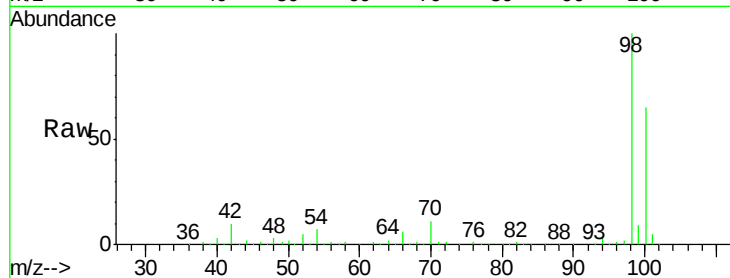
LF001MW003-190604

Tot Ion: 98 Resp: 692900

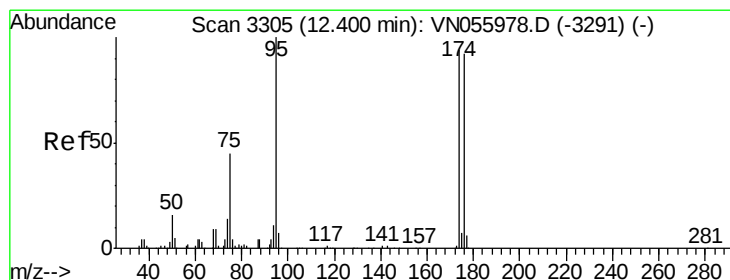
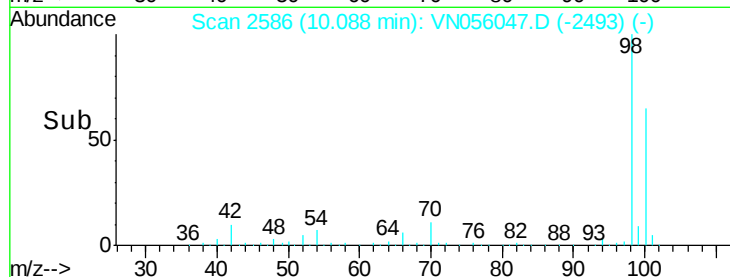
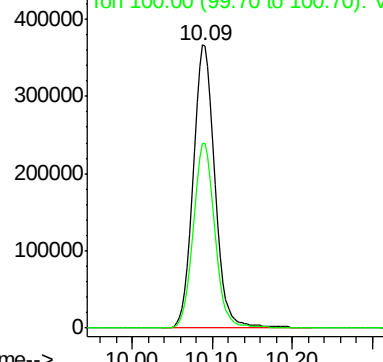
Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 48.508 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056047.D

Acq: 6 Jun 2019 15:46

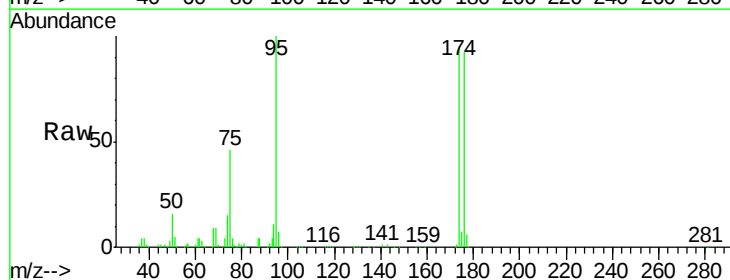
Tgt Ion: 95 Resp: 216250

Ion Ratio Lower Upper

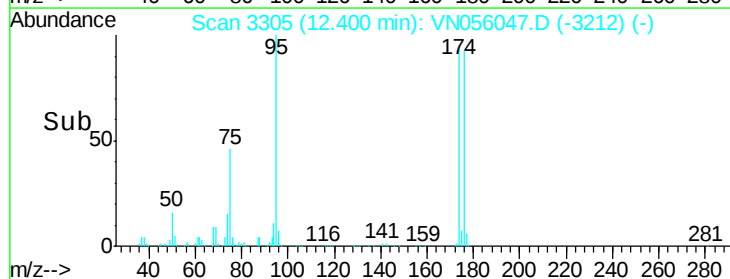
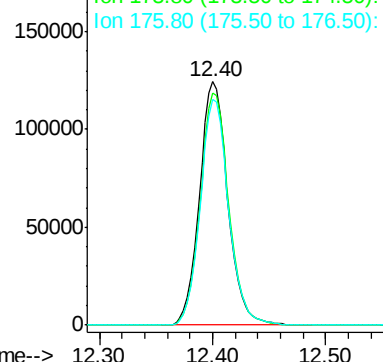
95 100

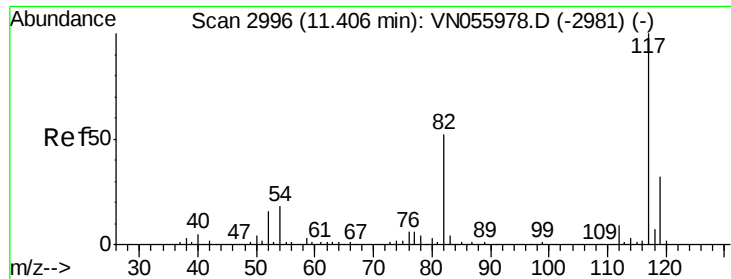
174 96.1 0.0 191.0

176 92.9 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

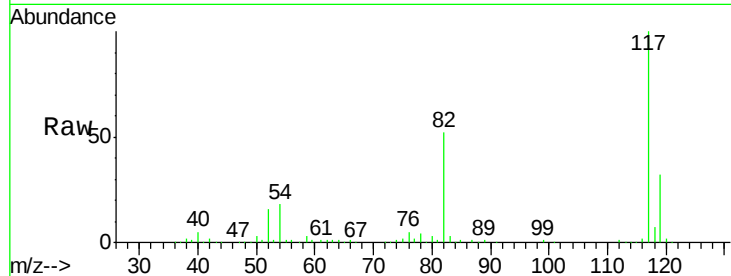




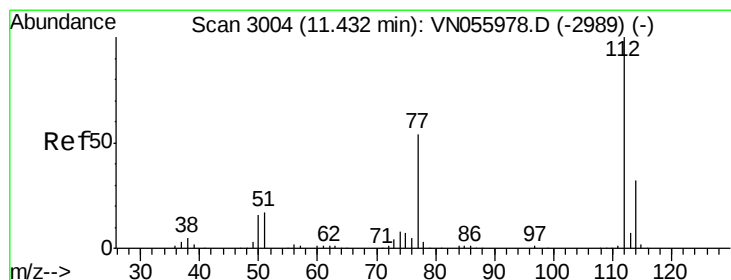
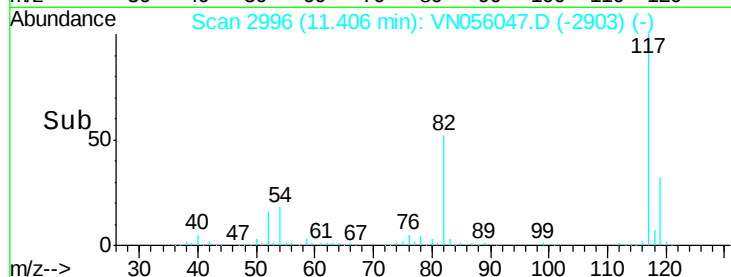
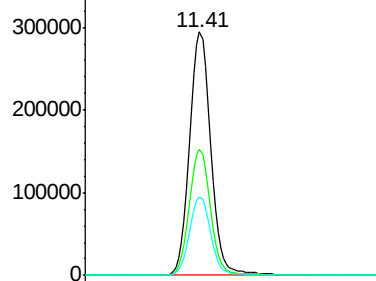
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056047.D
Acq: 6 Jun 2019 15:46

Instrument :
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LF001MW003-190604

Tot Ion:117 Resp: 521328
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.2 25.4 38.0

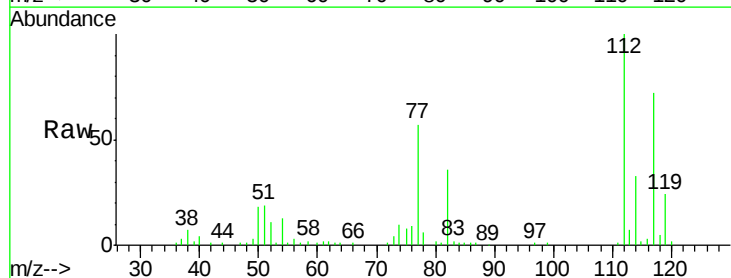


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

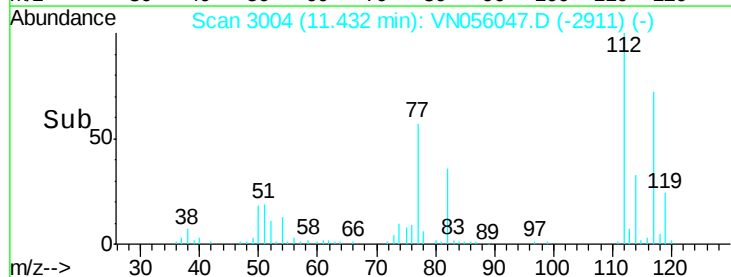
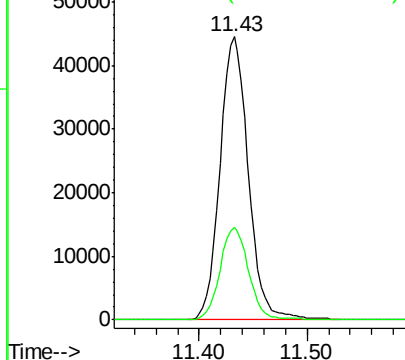


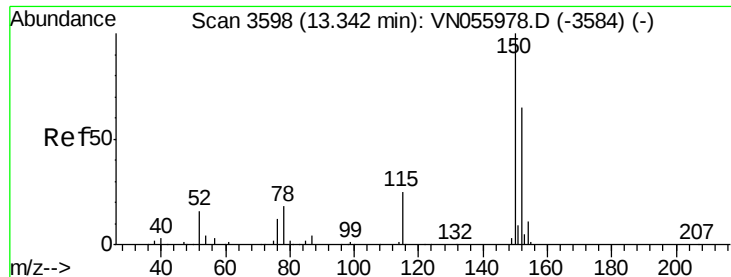
#65
Chlorobenzene
Concen: 7.845 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056047.D
Acq: 6 Jun 2019 15:46

Tgt Ion:112 Resp: 81396
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056047.D

Acq: 6 Jun 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

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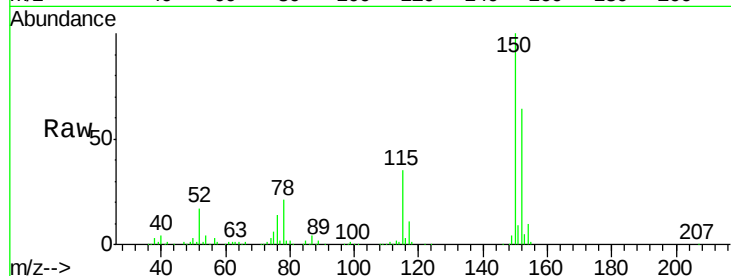
Tot Ion:152 Resp: 164841

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

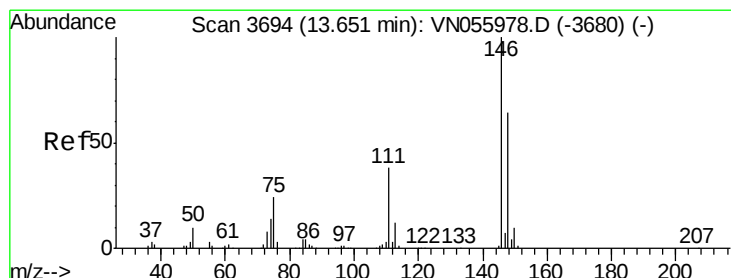
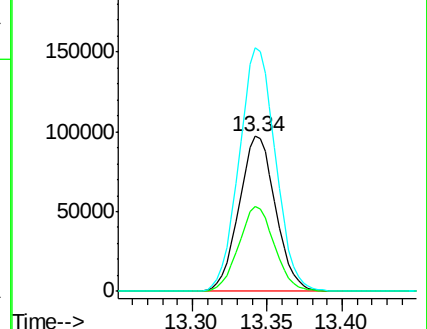
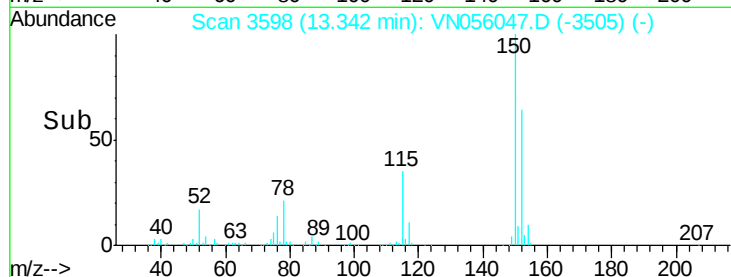
150 157.4 0.0 343.2



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: 1.705 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056047.D

Acq: 6 Jun 2019 15:46

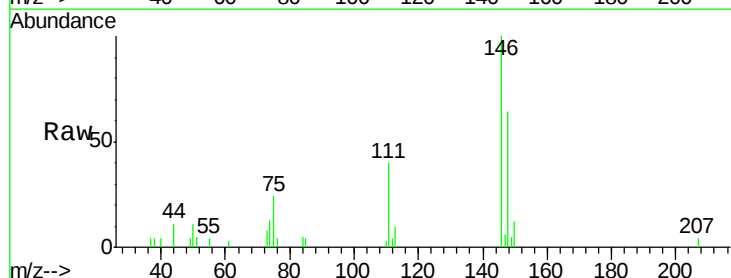
Tgt Ion:146 Resp: 9405

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 65.2 31.9 95.9



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

