

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035564.D
 Acq On : 8 Sep 2020 20:14
 Operator : SY/AP
 Sample : L3898-05DL2 80X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5DL2

Quant Time: Sep 09 09:24:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1126291	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4626536	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4760075	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3514899	10.40	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

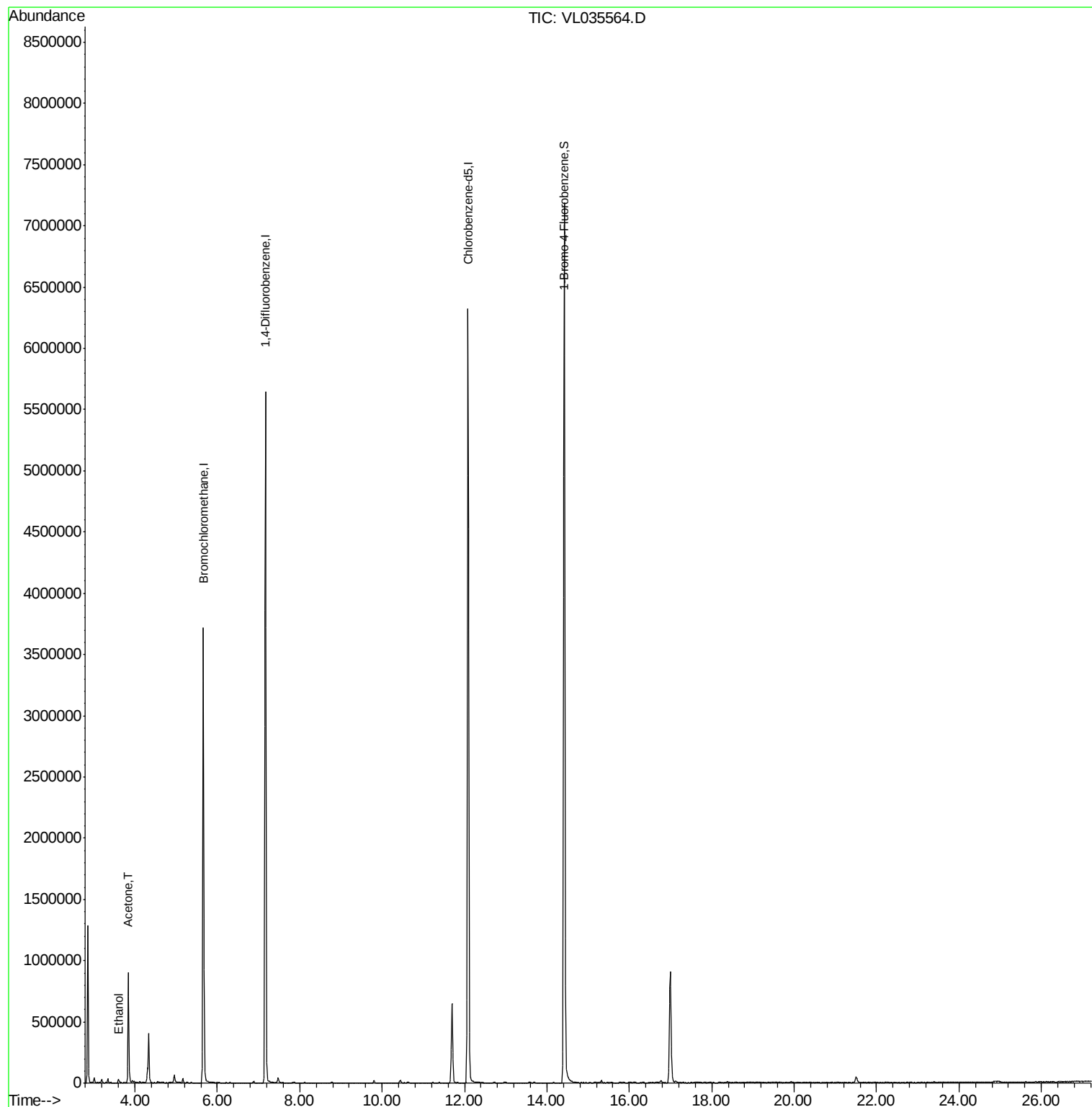
Target Compounds					Ovalue
13) Ethanol	3.60	45	28220	2.370 ppbv	99
15) Acetone	3.84	43	859735	6.921 ppbv	99

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

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Instrument :

MSVOA_L

ClientSampleId :

IA-5DL2

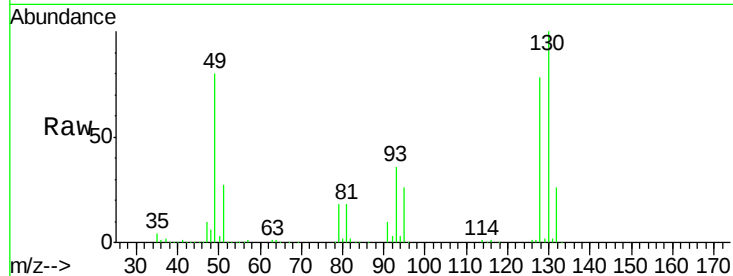
Tot Ion: 49 Resp: 1126291

Ion Ratio Lower Upper

49 100

128 96.2 50.0 150.1

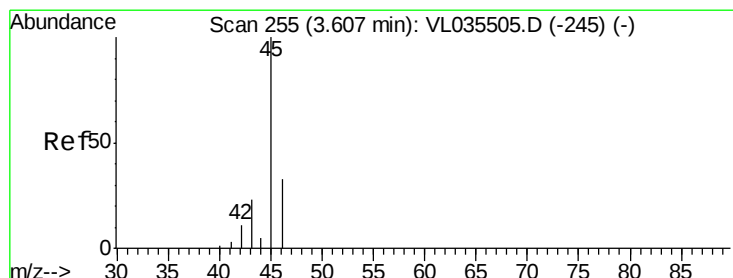
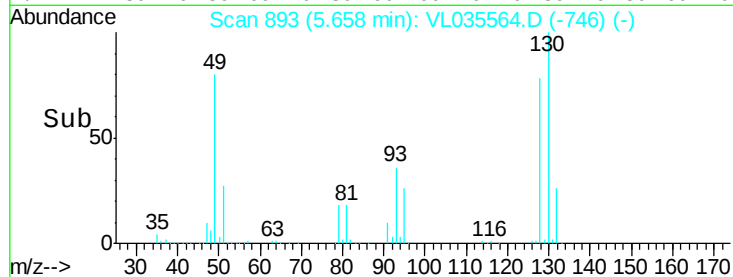
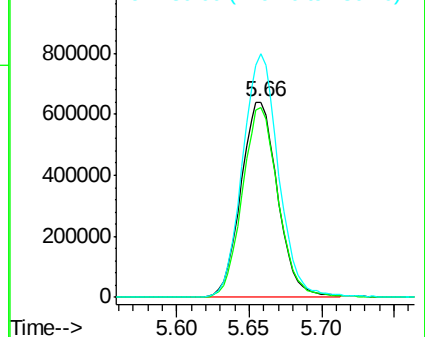
130 123.1 64.4 193.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 2.370 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL035564.D

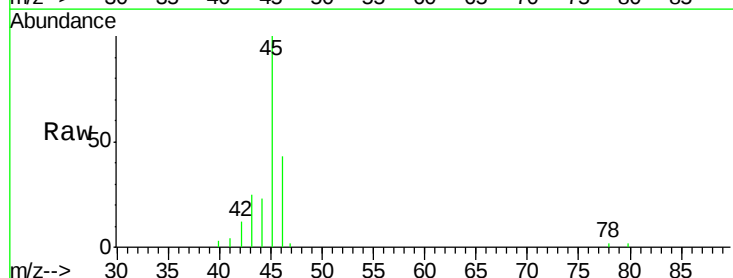
Acq: 8 Sep 2020 20:14

Tgt Ion: 45 Resp: 28220

Ion Ratio Lower Upper

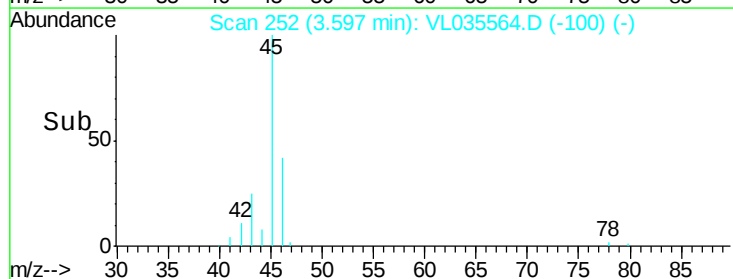
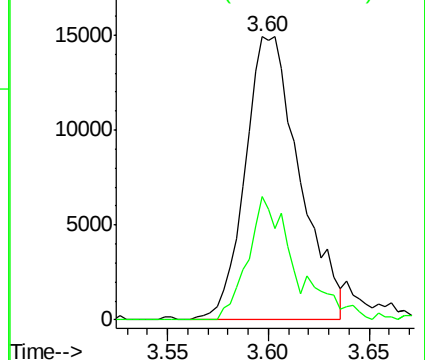
45 100

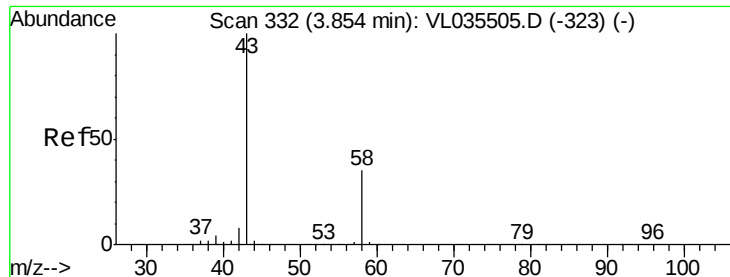
46 38.3 15.2 60.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 6.921 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.02 min

Lab File: VL035564.D

Acq: 8 Sep 2020 20:14

Instrument :

MSVOA_L

ClientSampleId :

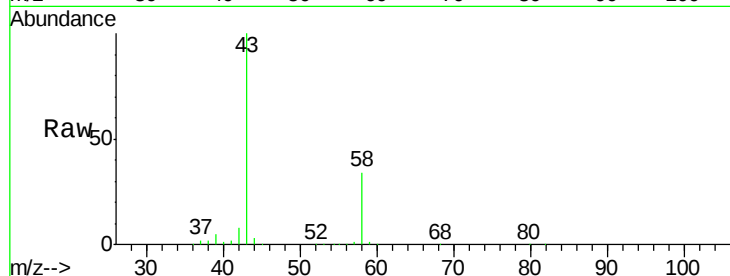
IA-5DL2

Tot Ion: 43 Resp: 859735

Ion Ratio Lower Upper

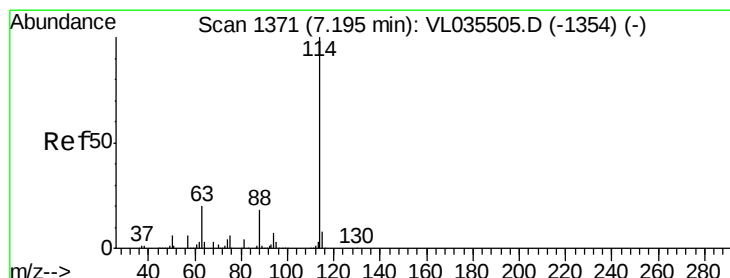
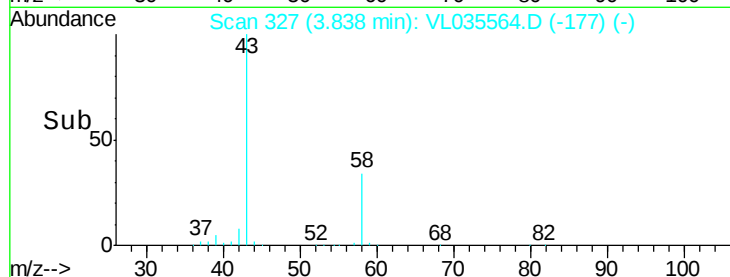
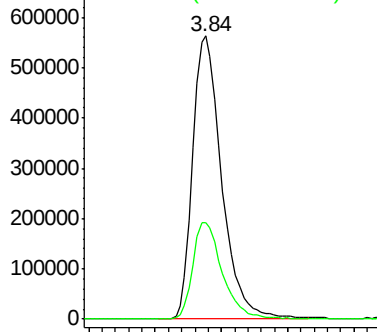
43 100

58 35.0 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.03 min

Lab File: VL035564.D

Acq: 8 Sep 2020 20:14

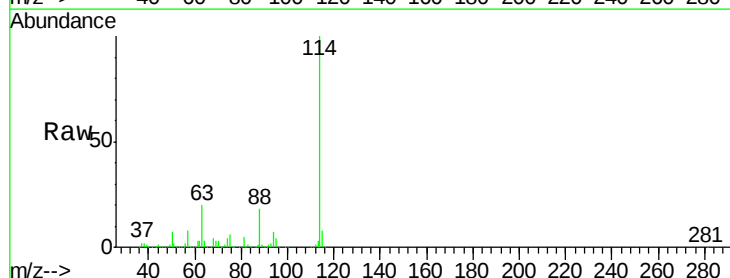
Tgt Ion: 114 Resp: 4626536

Ion Ratio Lower Upper

114 100

63 18.7 14.7 22.1

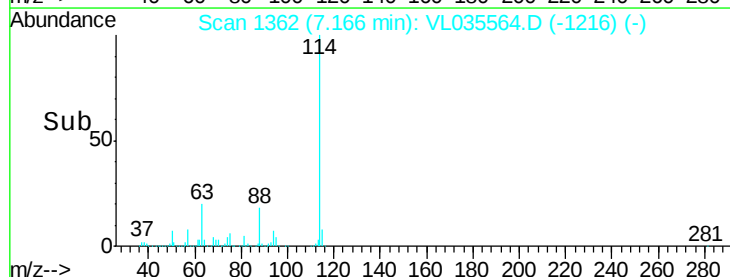
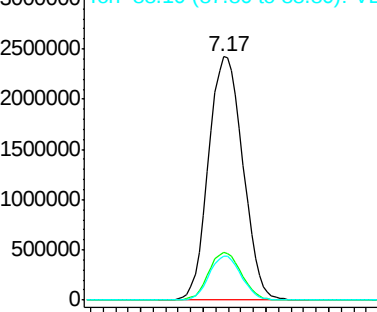
88 17.1 13.4 20.2

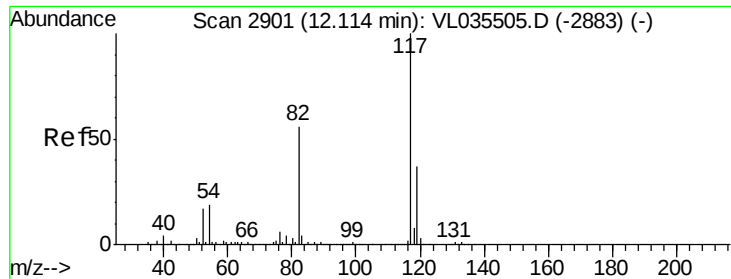


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.03 min

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Acq: 8 Sep 2020 20:14

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ClientSampleId :

IA-5DL2

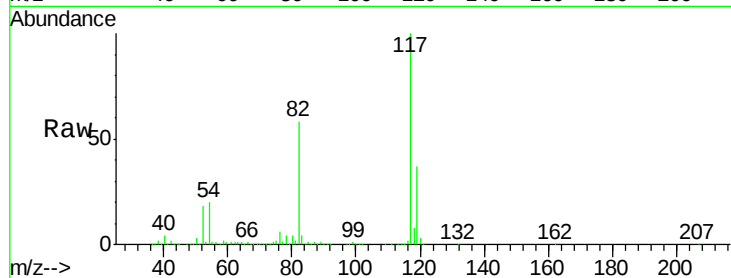
Tot Ion:117 Resp: 4760075

Ion Ratio Lower Upper

117 100

82 55.9 41.6 62.4

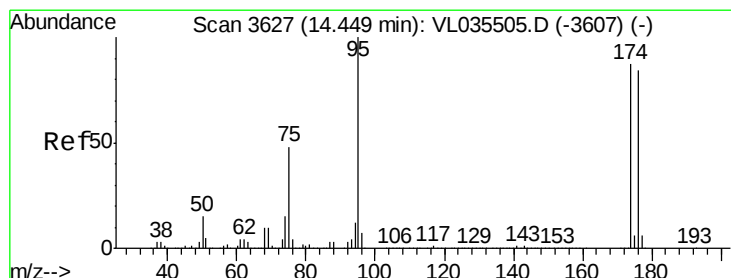
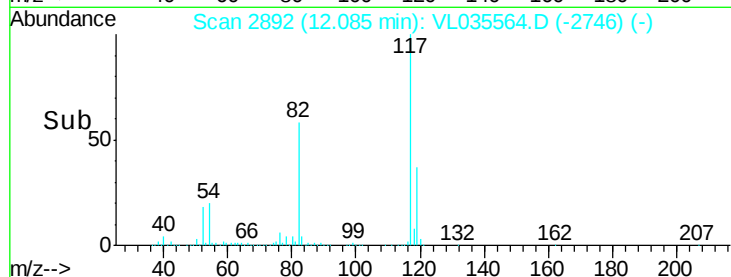
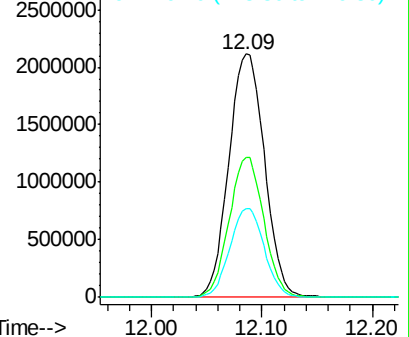
119 35.3 29.3 43.9



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.398 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.03 min

Lab File: VL035564.D

Acq: 8 Sep 2020 20:14

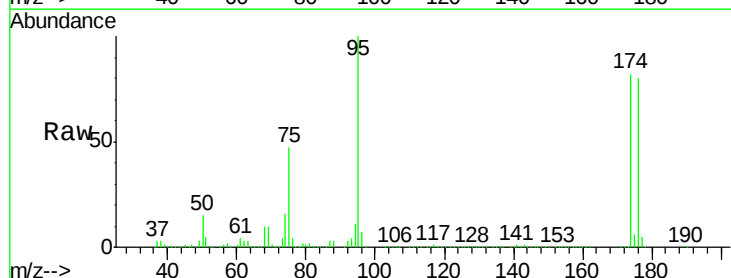
Tgt Ion: 95 Resp: 3514899

Ion Ratio Lower Upper

95 100

174 84.7 69.6 104.4

175 6.3 5.1 7.7



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

