

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036522.D
 Acq On : 26 Mar 2021 20:29
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 3/29/2021 4:40:38 PM

Quant Time: Mar 28 21:19:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1394923	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3167476	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2753793	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2194270	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	37411m	0.272	ppbv	
20) Methylene Chloride	4.36	84	7123m	0.111	ppbv	

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

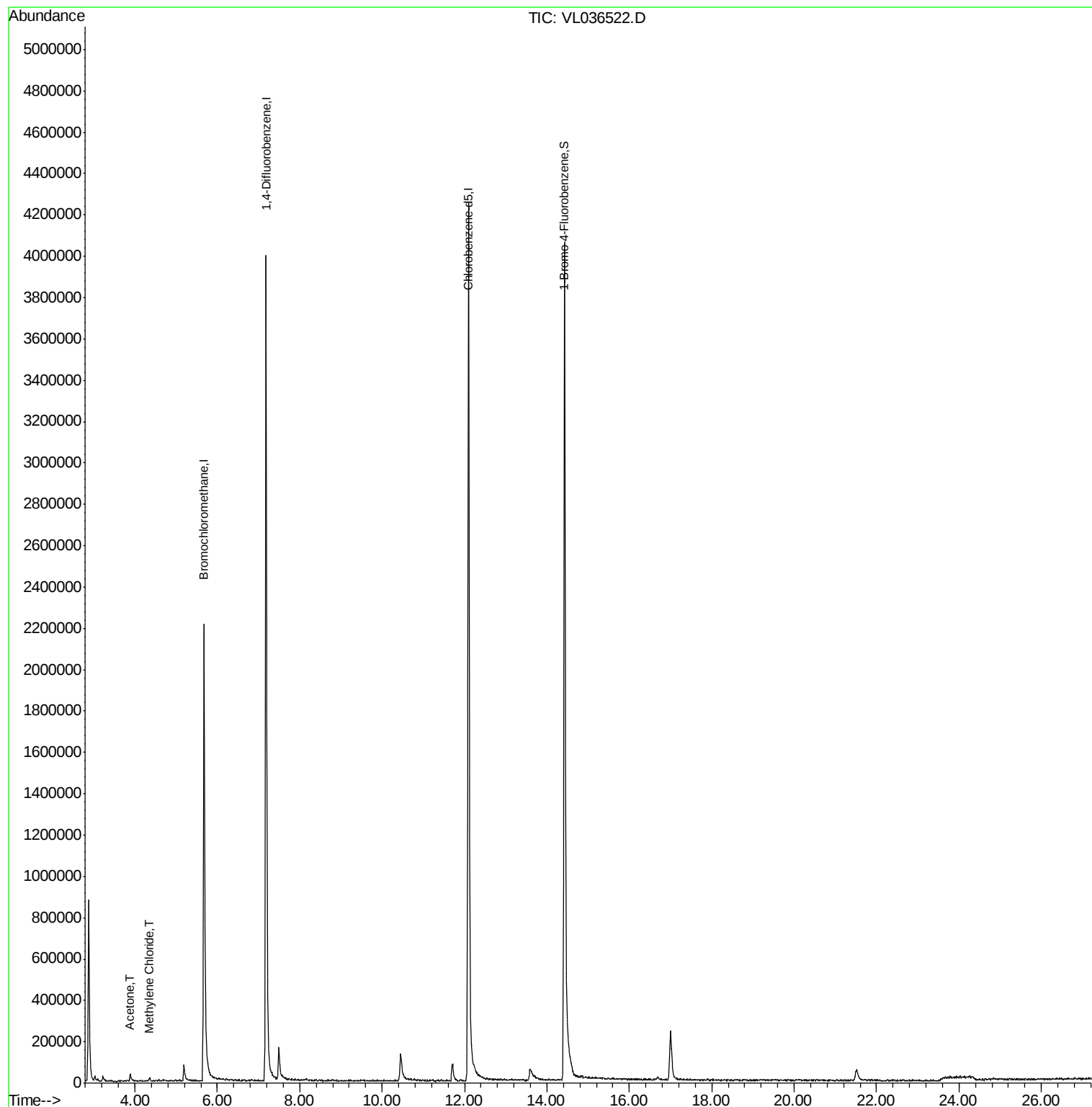
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036522.D
Acq On : 26 Mar 2021 20:29
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1394923

Ion Ratio Lower Upper

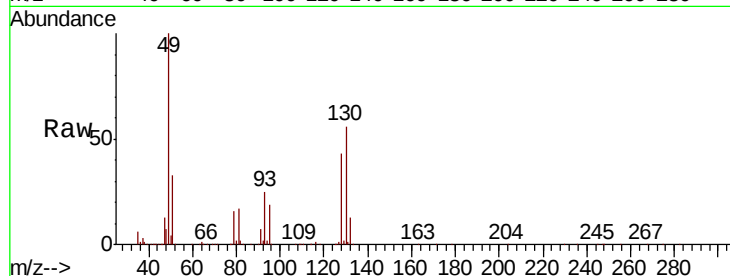
49 100

128 44.6 23.5 70.6

130 56.1 29.1 87.4

Manual Integrations
APPROVED

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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

800000

600000

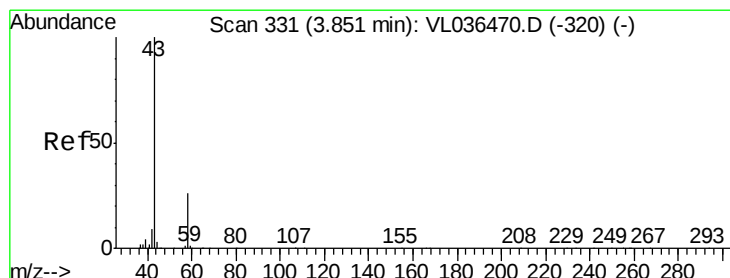
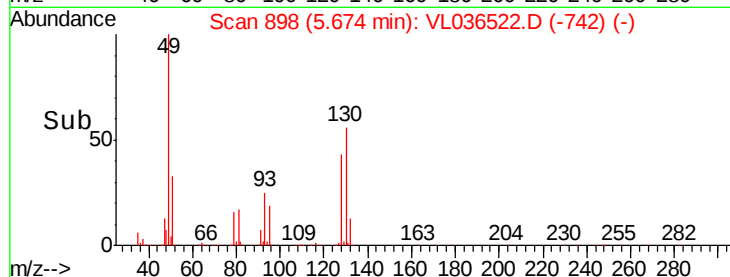
400000

200000

0

5.60 5.65 5.70 5.75 5.80

Time-->



#15

Acetone

Concen: 0.272 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL036522.D

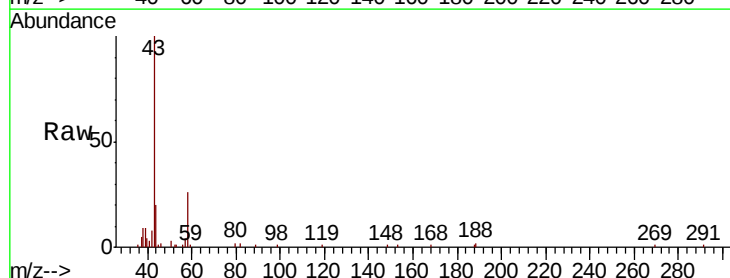
Acq: 26 Mar 2021 20:29

Tgt Ion: 43 Resp: 37411

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

20000

15000

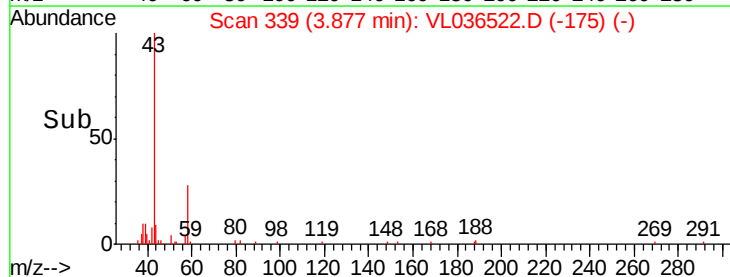
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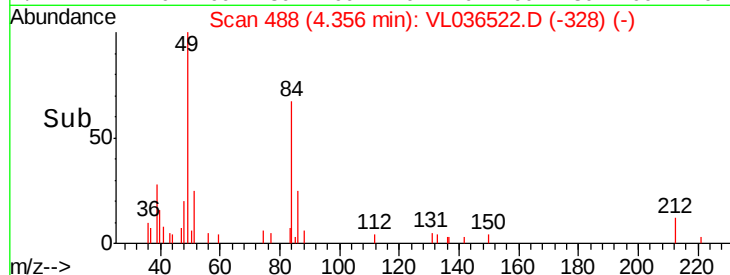
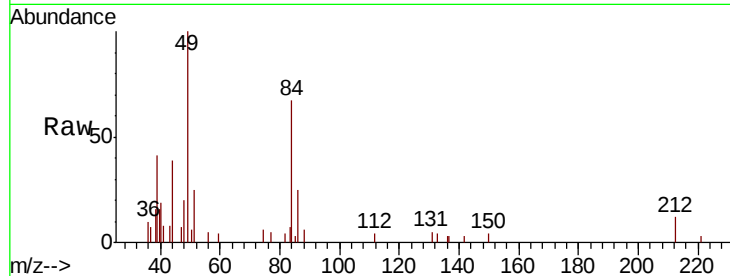
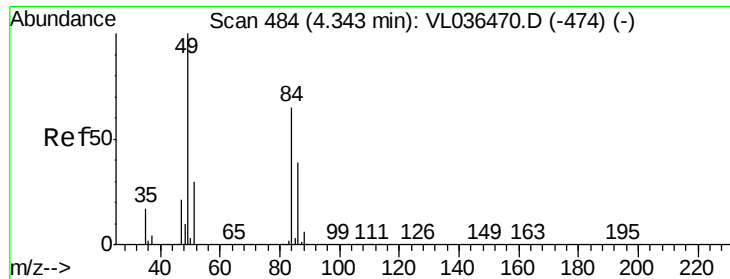
5000

0

3.80 3.85 3.90 3.95 4.00

Time-->





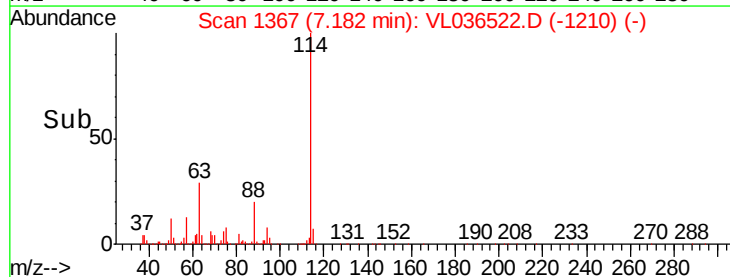
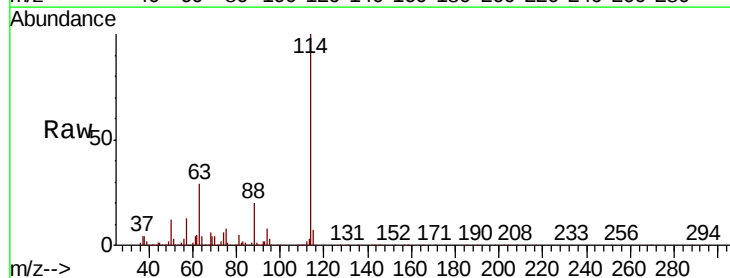
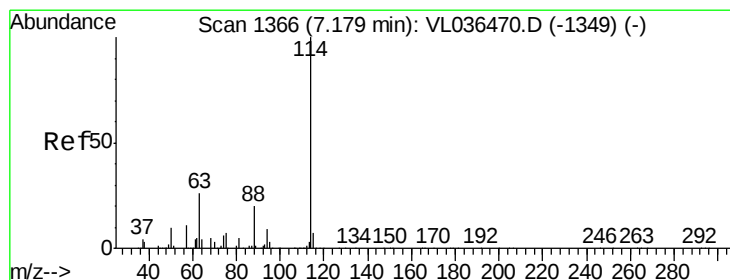
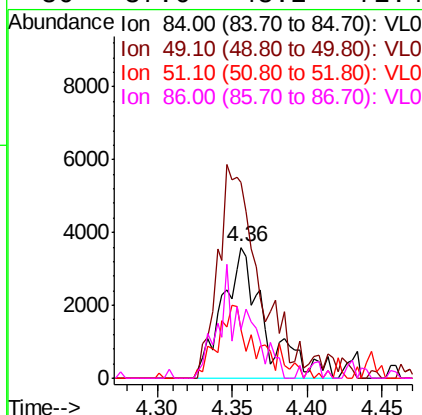
#20
Methylene Chloride
Concen: 0.111 ppbv m
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036522.D
Acq: 26 Mar 2021 20:29

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
84	100		
49	149.7	122.9	184.3
51	36.8	36.9	55.3#
86	37.6	48.2	72.4#

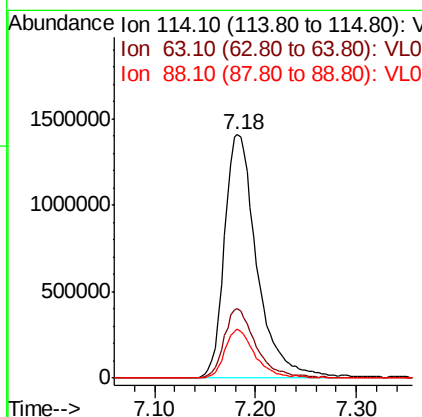
Manual Integrations
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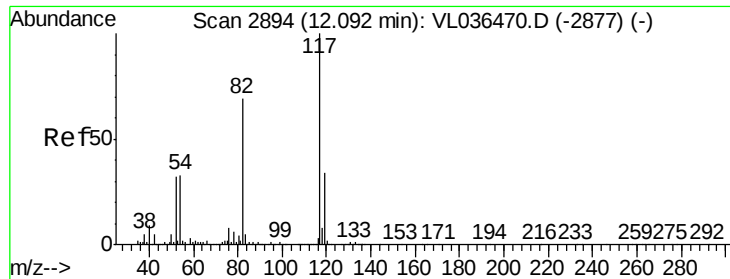
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL036522.D
Acq: 26 Mar 2021 20:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.4	33.6
88	18.9	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion:117 Resp: 2753793

Ion Ratio Lower Upper

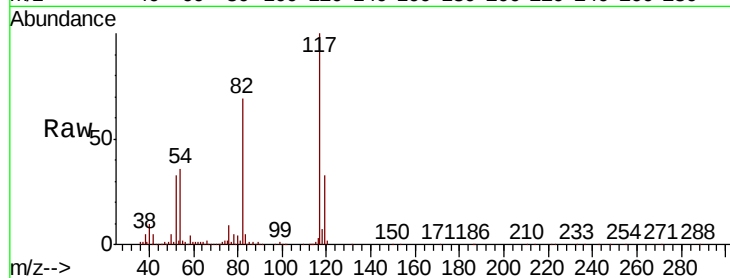
117 100

82 73.4 57.4 86.0

119 34.5 47.4 71.0#

Manual Integrations
APPROVED

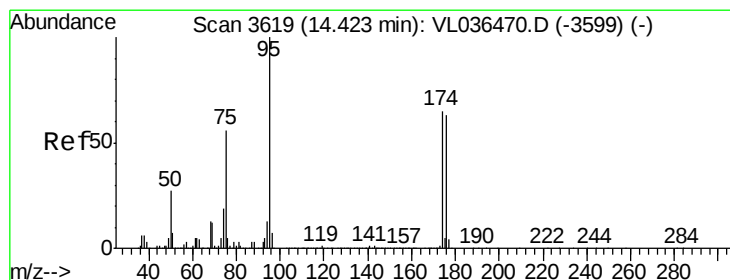
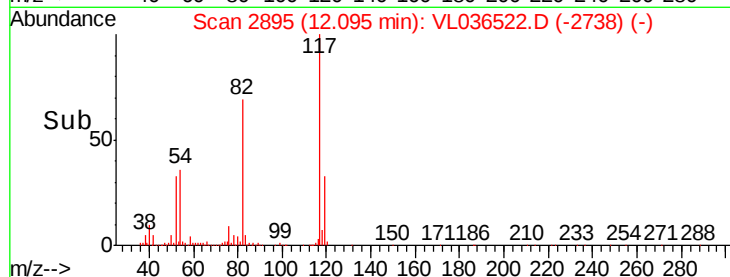
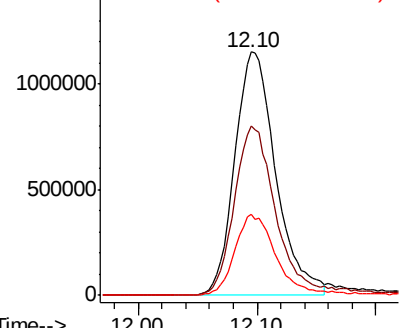
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.998 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.01 min

Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

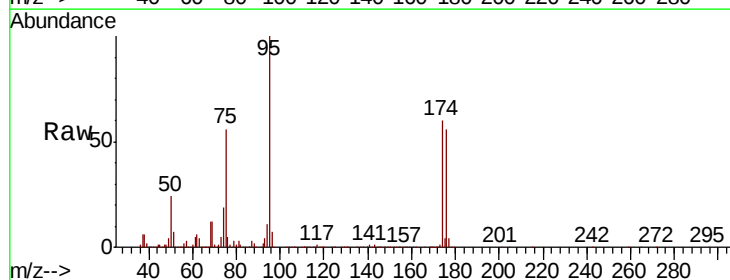
Tgt Ion: 95 Resp: 2194270

Ion Ratio Lower Upper

95 100

174 66.4 51.0 76.6

175 4.4 3.9 5.9



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

