

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037873.D
 Acq On : 19 Oct 2021 4:41
 Operator : SY/AP
 Sample : QC101221 CAN 10605
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 20 01:52:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1142396	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3320045	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2766151	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2002154	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

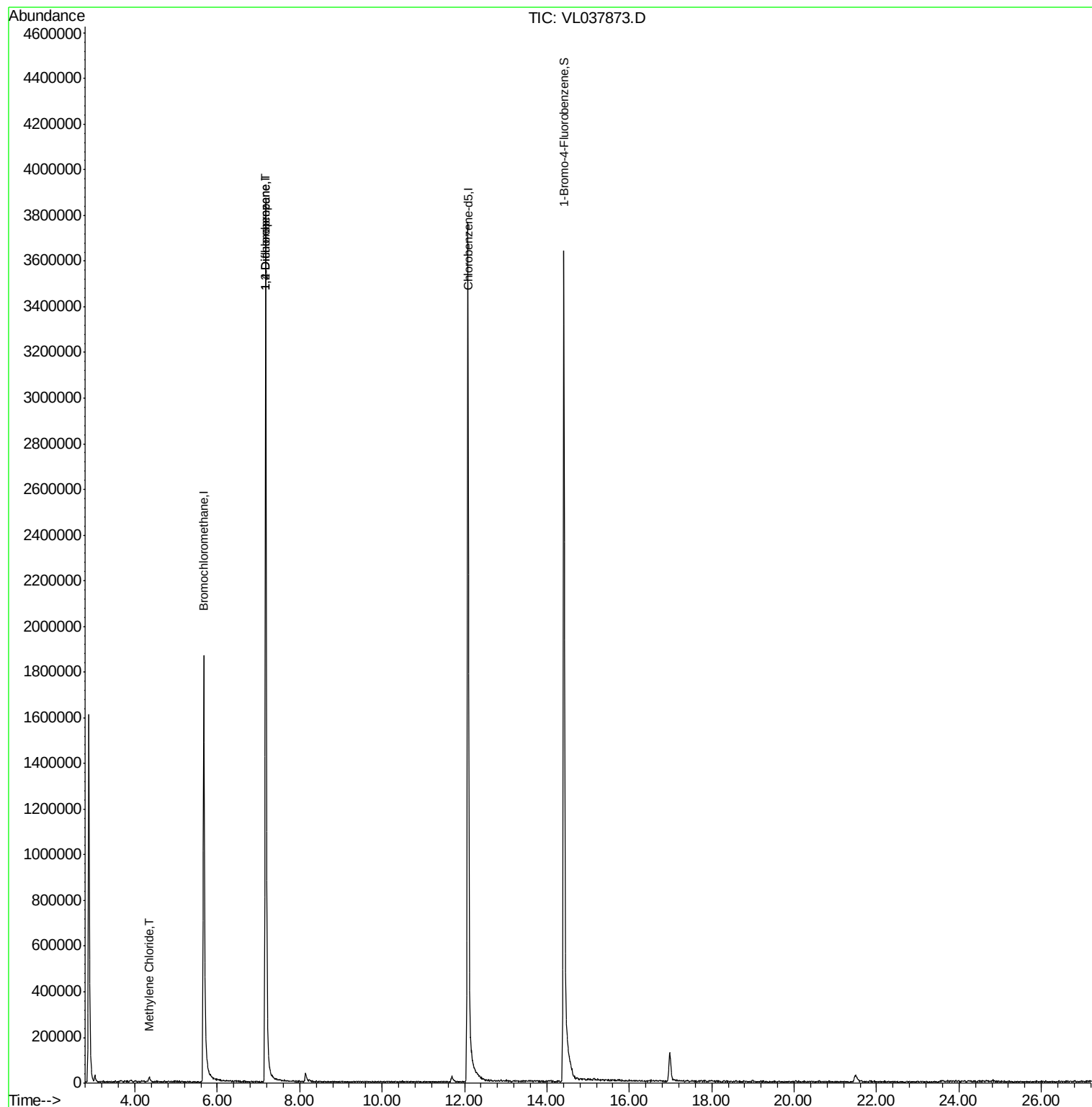
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.34	84	3629	0.070	ppbv #	84
39) 1,2-Dichloropropane	7.17	63	786676	7.375	ppbv #	28

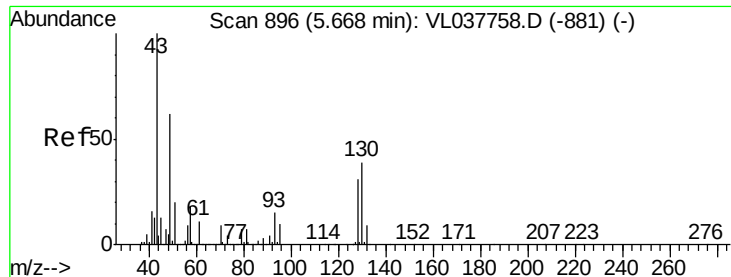
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Oct 2021 4:41

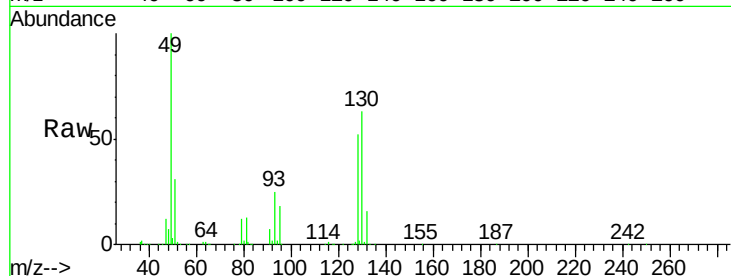
Tgt Ion: 49 Resp: 1142396

Ion Ratio Lower Upper

49 100

128 53.7 27.1 81.3

130 68.9 33.2 99.6



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

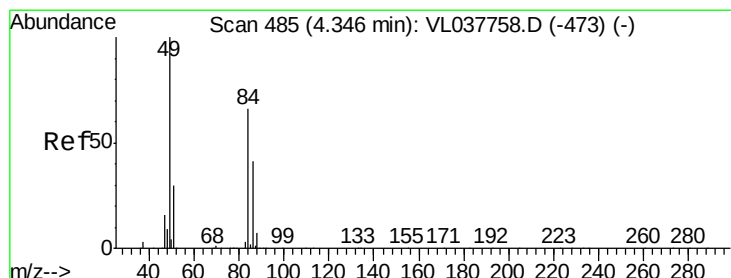
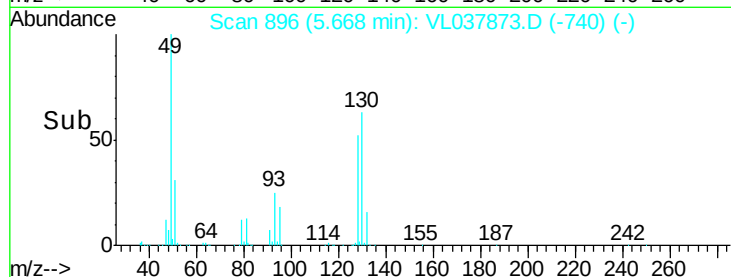
400000

200000

0

Time-->

5.60 5.65 5.70 5.75



#20

Methylene Chloride

Concen: 0.070 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL037873.D

Acq: 19 Oct 2021 4:41

Tgt Ion: 84 Resp: 3629

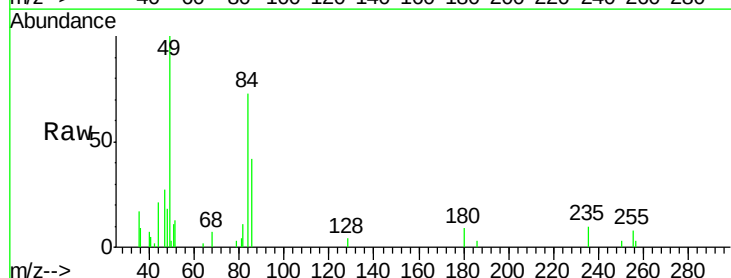
Ion Ratio Lower Upper

84 100

49 132.3 120.7 181.1

51 33.5 36.2 54.4#

86 49.0 49.6 74.4#



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

15000

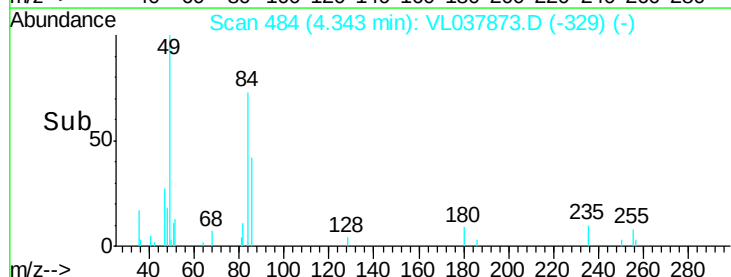
10000

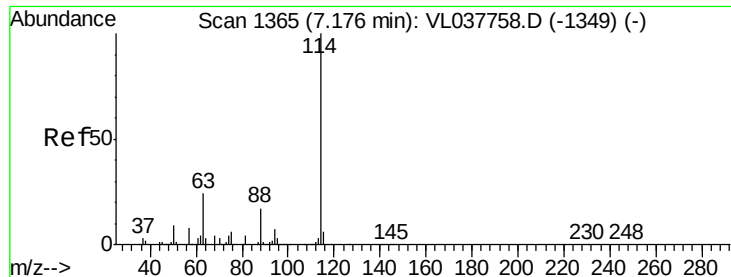
5000

0

Time-->

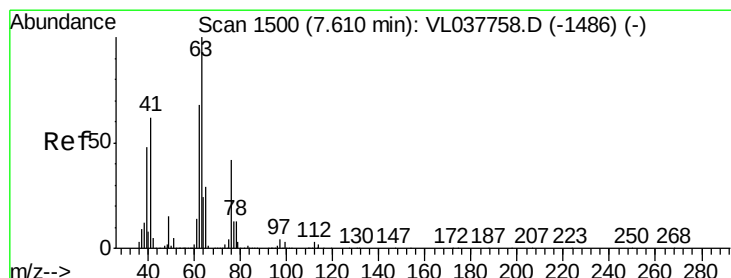
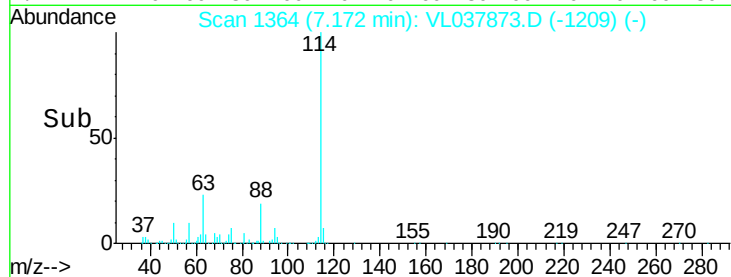
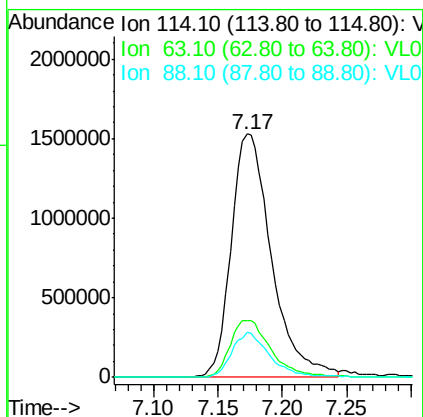
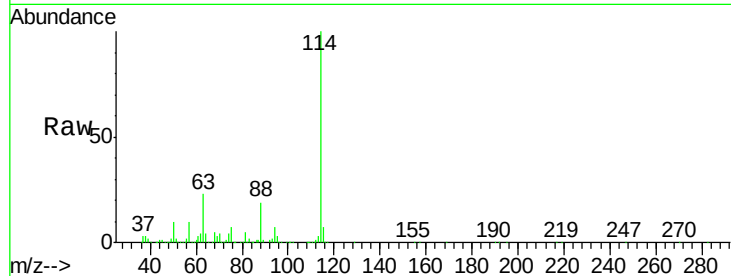
4.31 4.32 4.33 4.34 4.35





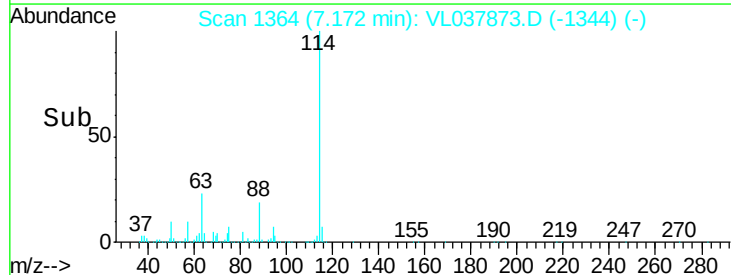
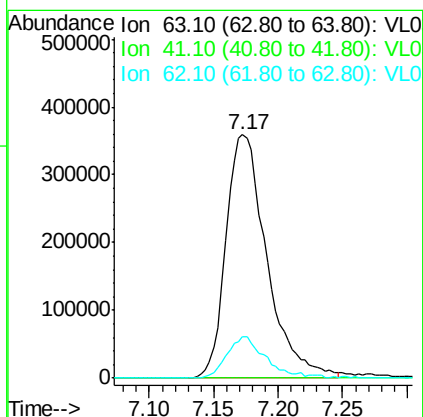
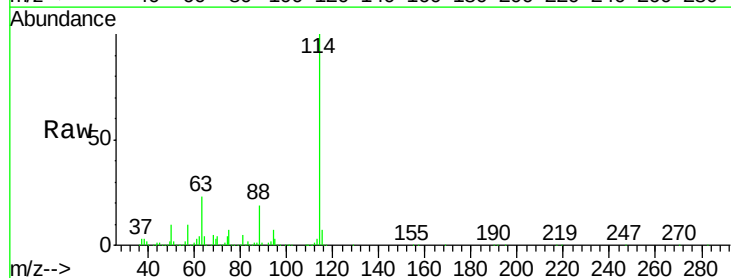
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 19 Oct 2021 4:41

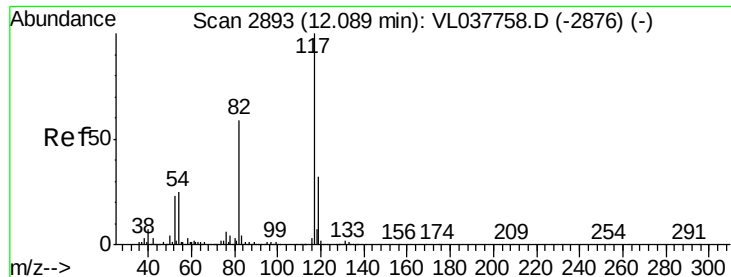
Tgt Ion: 114 Resp: 3320045
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.2
 88 17.9 14.4 21.6



#39
 1,2-Dichloropropane
 Concen: 7.375 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.44 min
 Lab File: VL037873.D
 Acq: 19 Oct 2021 4:41

Tgt Ion: 63 Resp: 786676
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.8 74.6#
 62 17.1 54.6 82.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 4:41

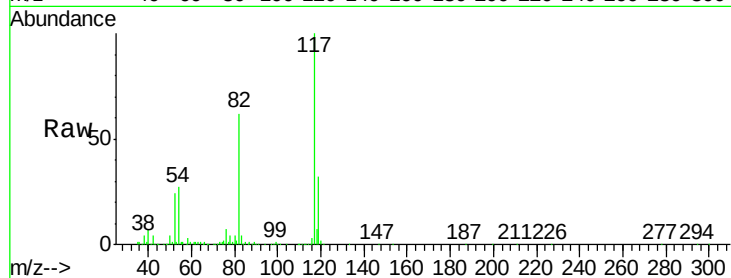
Tgt Ion: 117 Resp: 2766151

Ion Ratio Lower Upper

117 100

82 63.4 52.2 78.2

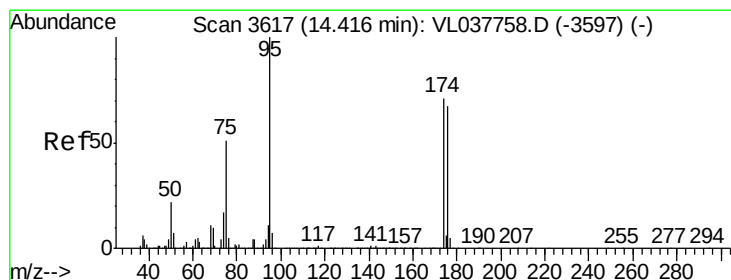
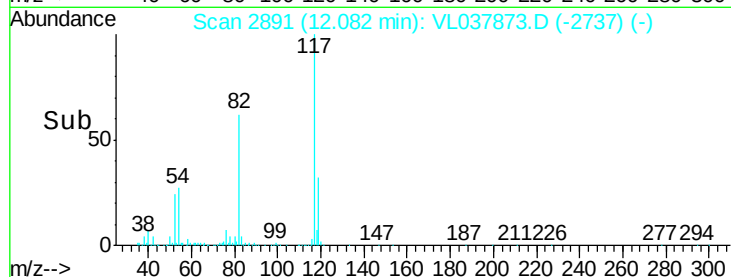
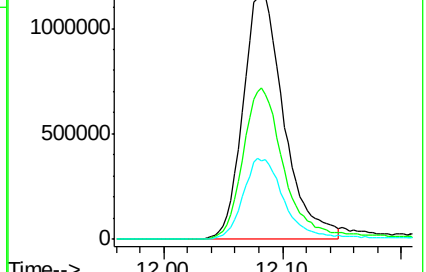
119 34.5 26.0 39.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.350 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL037873.D

Acq: 19 Oct 2021 4:41

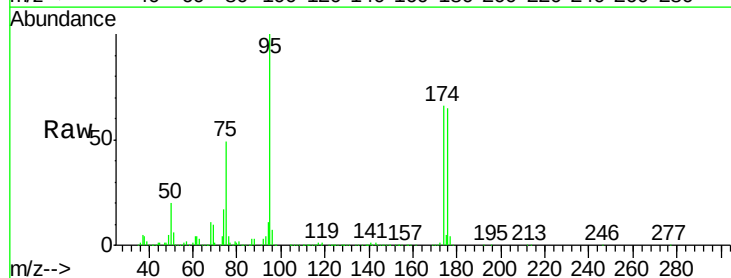
Tgt Ion: 95 Resp: 2002154

Ion Ratio Lower Upper

95 100

174 73.1 57.8 86.6

175 5.2 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

