

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035737.D
 Acq On : 29 Sep 2020 23:30
 Operator : SY/AP
 Sample : CAN 10281
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10281

Quant Time: Sep 30 04:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1088514	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.21	114	3928013	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.13	117	3918290	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2975495	10.13	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

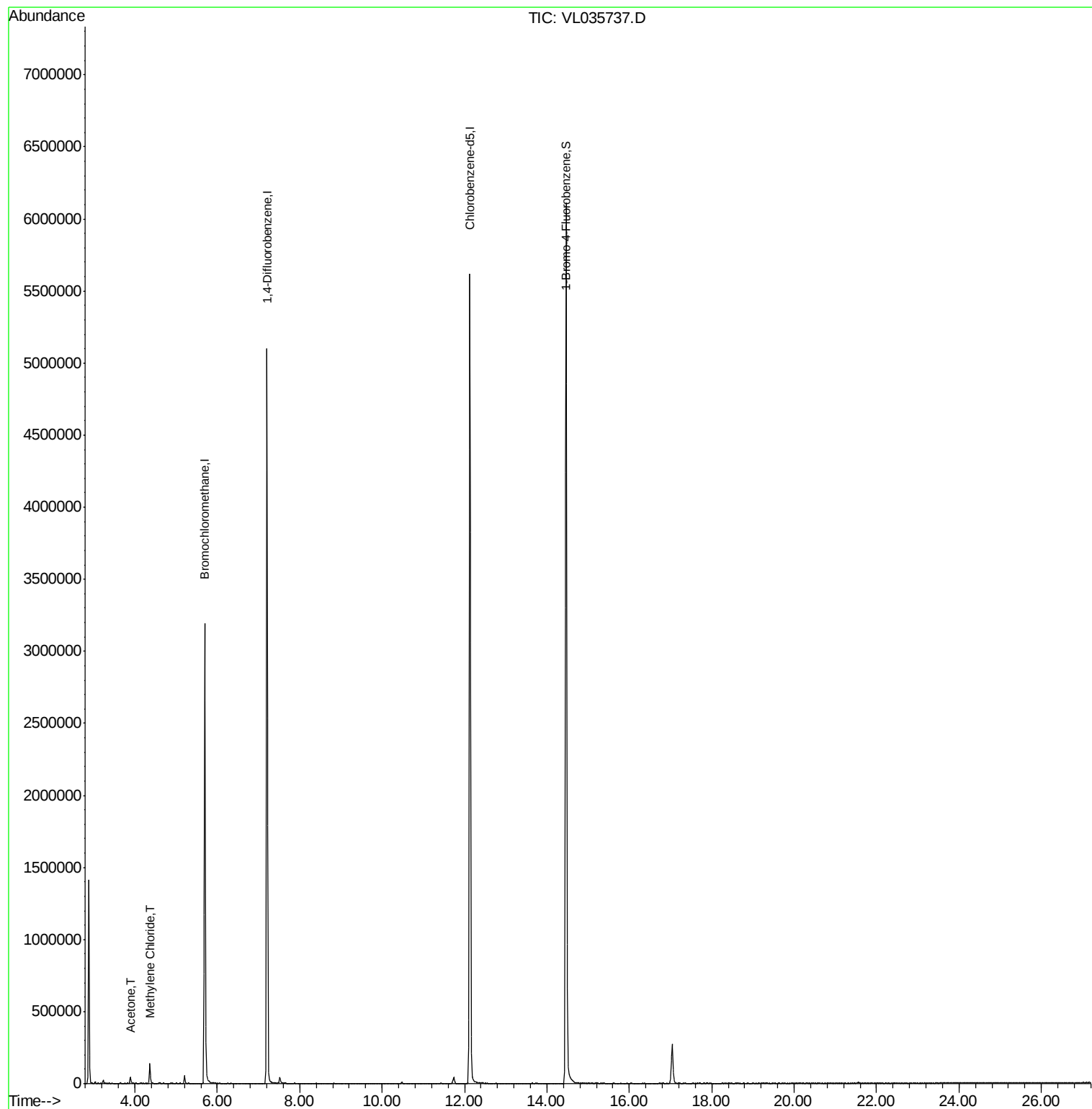
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	29846	0.255	ppbv	# 38
20) Methylene Chloride	4.36	84	60328	0.701	ppbv	96

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.01 min

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CAN 10281

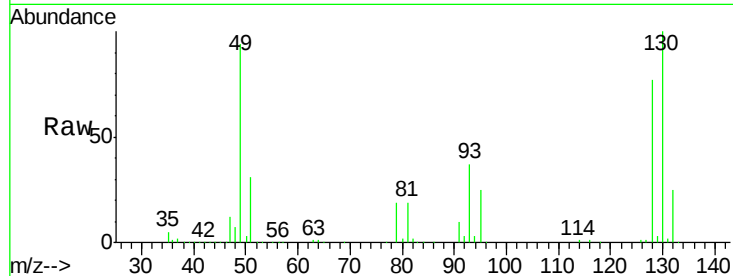
Tot Ion: 49 Resp: 1088514

Ion Ratio Lower Upper

49 100

128 83.5 43.1 129.4

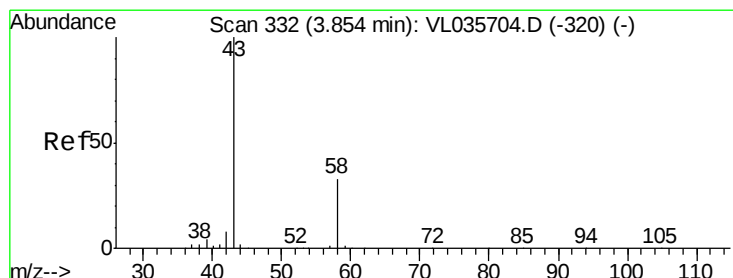
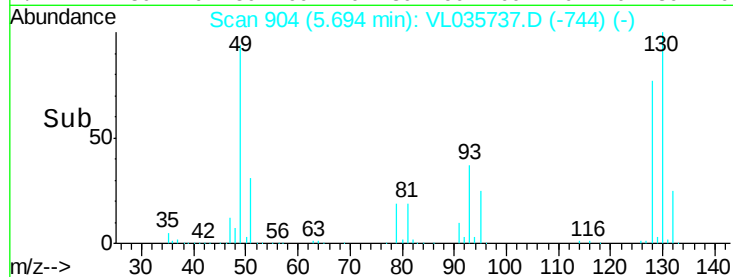
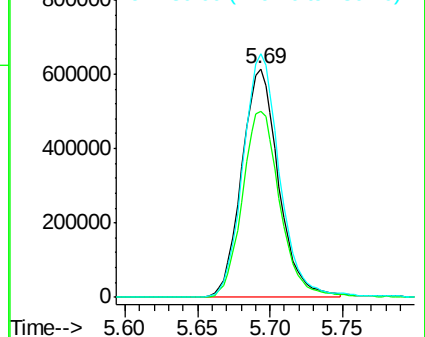
130 107.3 54.9 164.7



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



#15

Acetone

Concen: 0.255 ppbv

RT: 3.89 min Scan# 342

Delta R.T. 0.03 min

Lab File: VL035737.D

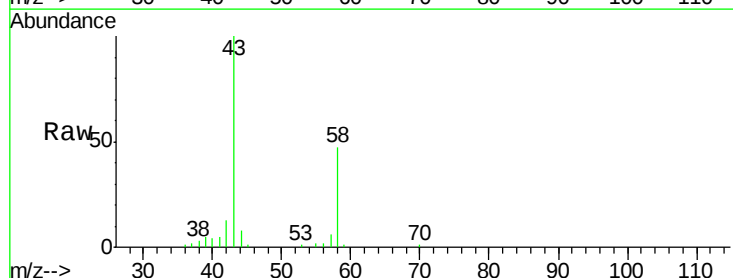
Acq: 29 Sep 2020 23:30

Tgt Ion: 43 Resp: 29846

Ion Ratio Lower Upper

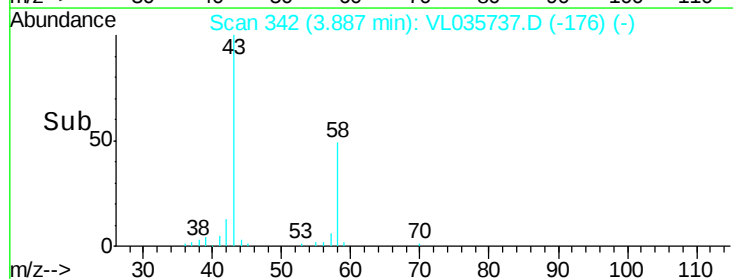
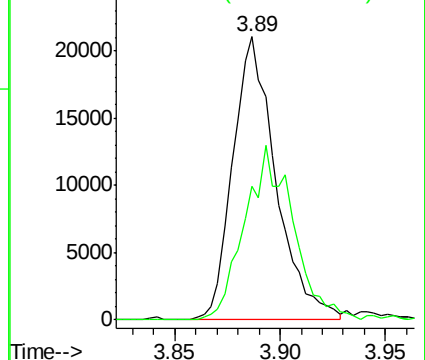
43 100

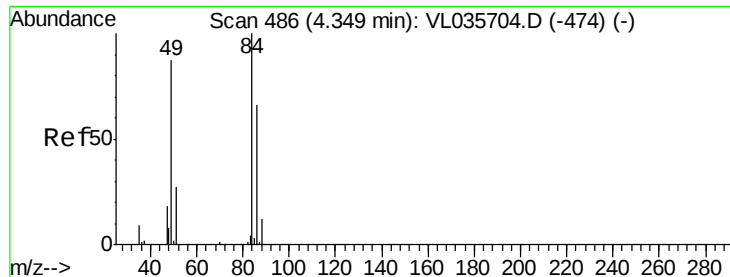
58 69.7 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

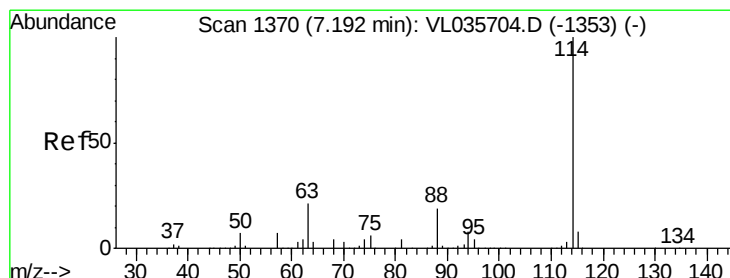
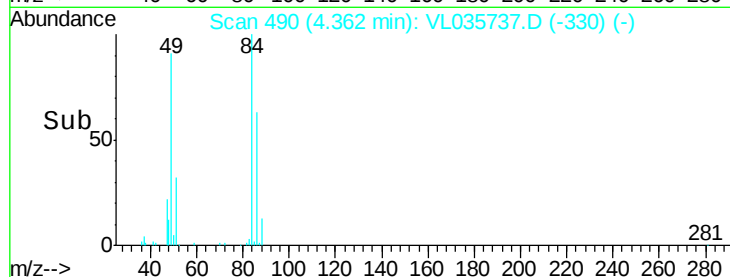
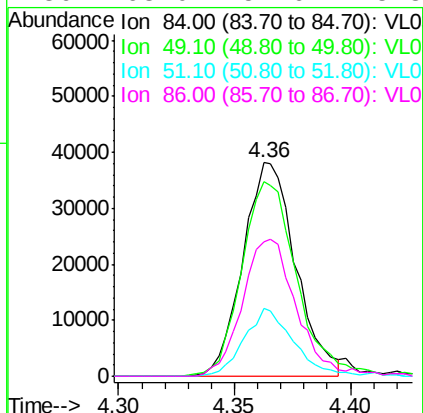
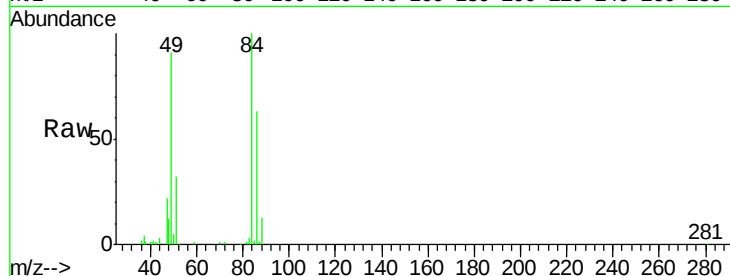




#20
Methylene Chloride
Concen: 0.701 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL035737.D
Acq: 29 Sep 2020 23:30

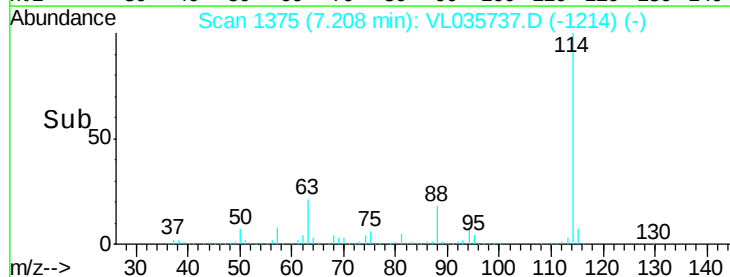
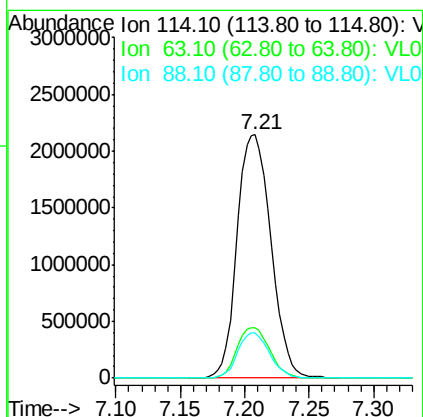
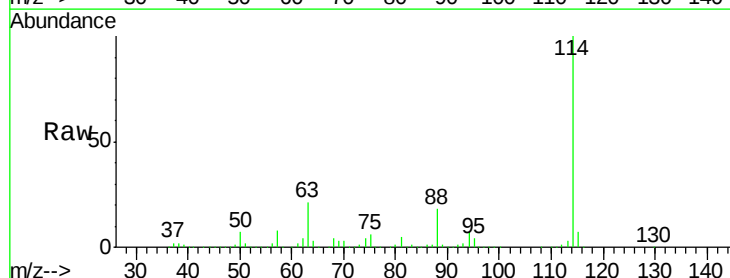
Instrument :
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CAN 10281

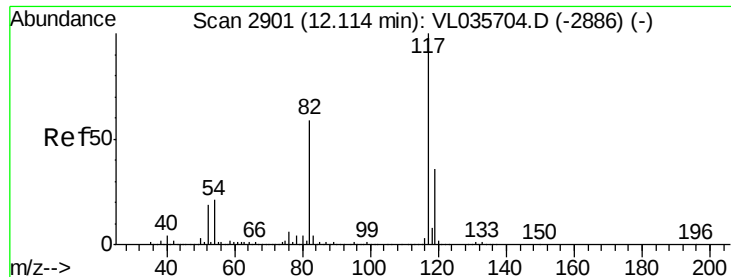
Tot Ion:	84	Resp:	60328
Ion	Ratio	Lower	Upper
84	100		
49	90.6	69.8	104.6
51	31.7	21.8	32.8
86	63.0	52.6	78.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. 0.02 min
Lab File: VL035737.D
Acq: 29 Sep 2020 23:30

Tgt Ion:	114	Resp:	3928013
Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	17.5	14.1	21.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.13 min Scan# 2906

Delta R.T. 0.02 min

Lab File: VL035737.D

Acq: 29 Sep 2020 23:30

Instrument :

MSVOA_L

ClientSampleId :

CAN 10281

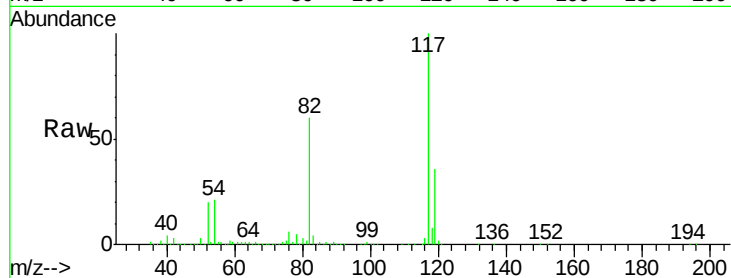
Tot Ion:117 Resp: 3918290

Ion Ratio Lower Upper

117 100

82 58.8 46.1 69.1

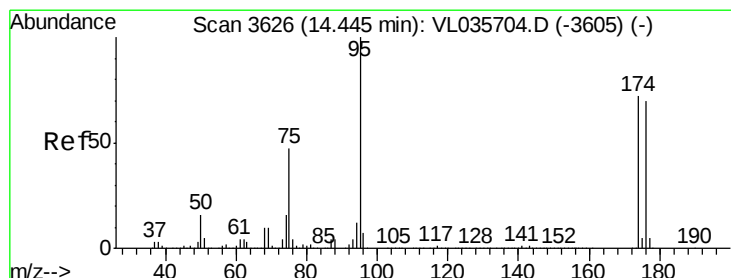
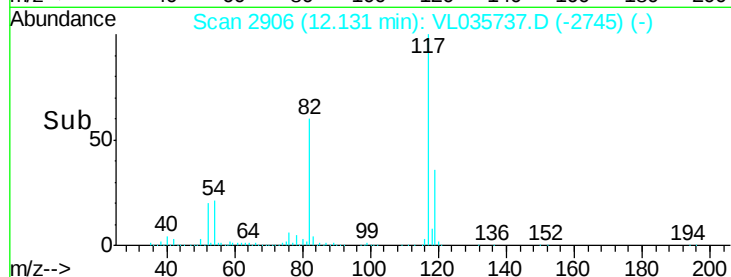
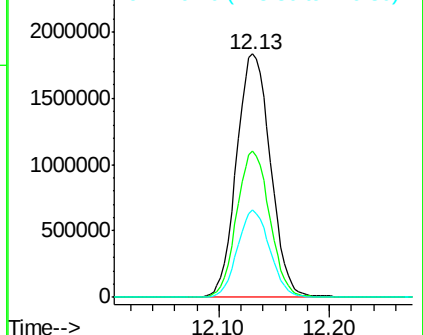
119 34.4 28.0 42.0



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: 10.134 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.02 min

Lab File: VL035737.D

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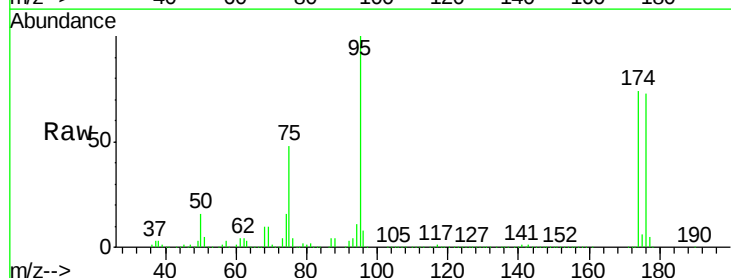
Tgt Ion: 95 Resp: 2975495

Ion Ratio Lower Upper

95 100

174 76.3 59.6 89.4

175 5.5 4.2 6.4



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

