

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035735.D
 Acq On : 29 Sep 2020 22:09
 Operator : SY/AP
 Sample : CAN 10269
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10269

Quant Time: Sep 30 04:07:58 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	1064949	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3870465	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	3868573	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2921399	10.08	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

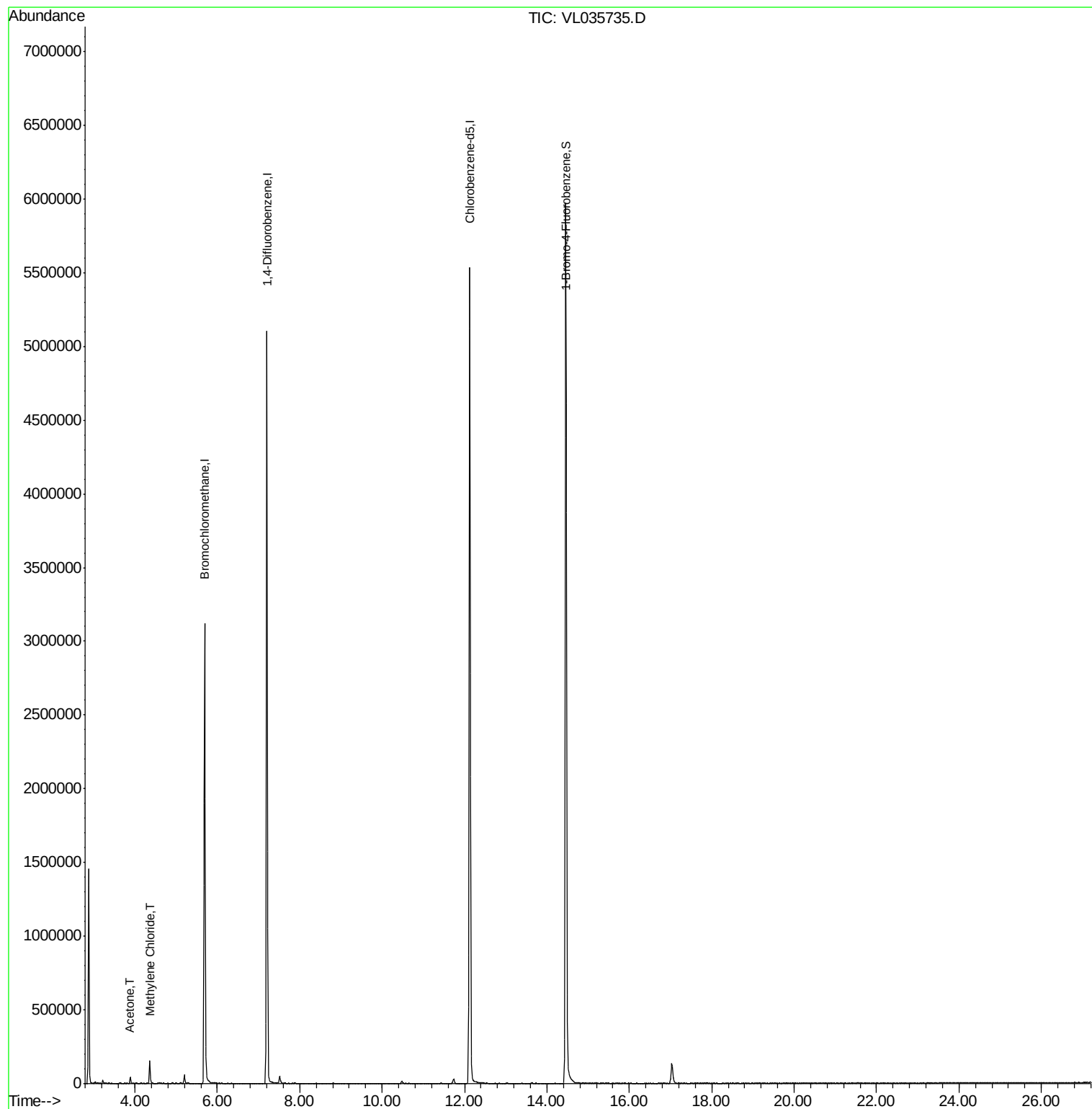
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	27256	0.238	ppbv #	26
20) Methylene Chloride	4.36	84	70598	0.839	ppbv	95

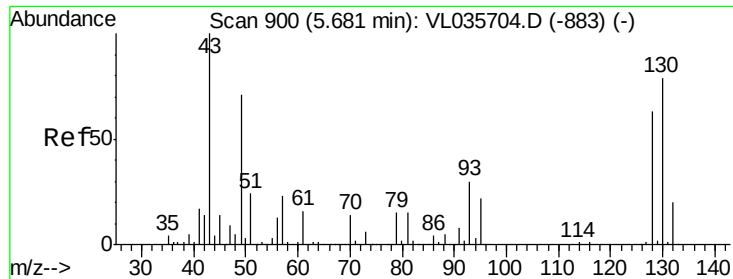
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.01 min

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Acq: 29 Sep 2020 22:09

Instrument :

MSVOA_L

ClientSampleId :

CAN 10269

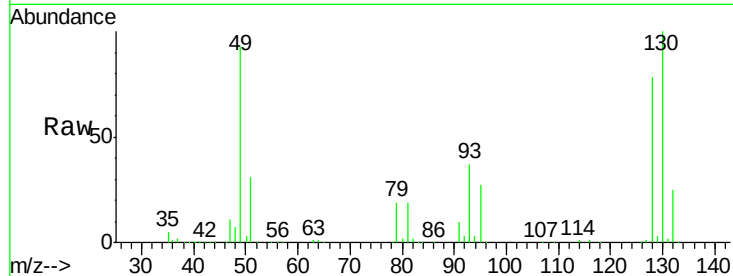
Tot Ion: 49 Resp: 1064949

Ion Ratio Lower Upper

49 100

128 84.4 43.1 129.4

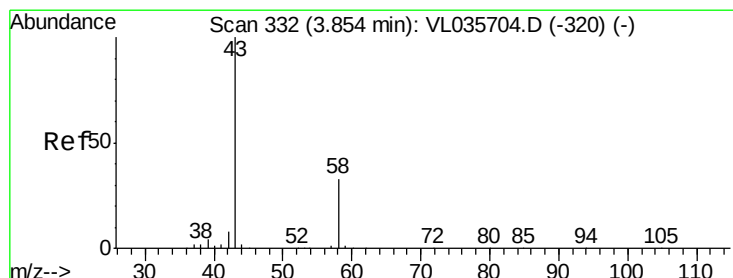
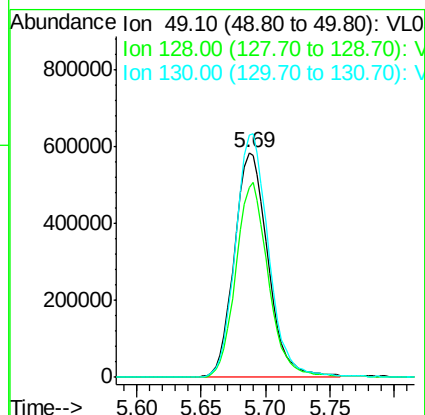
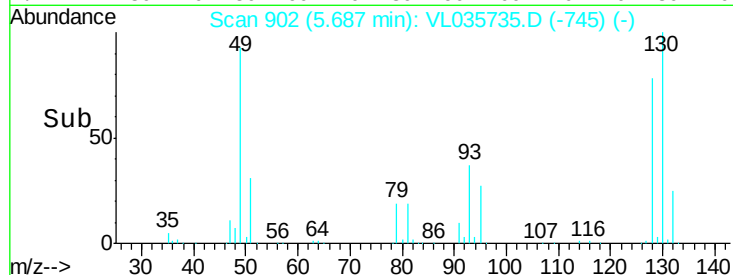
130 107.5 54.9 164.7



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



#15

Acetone

Concen: 0.238 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL035735.D

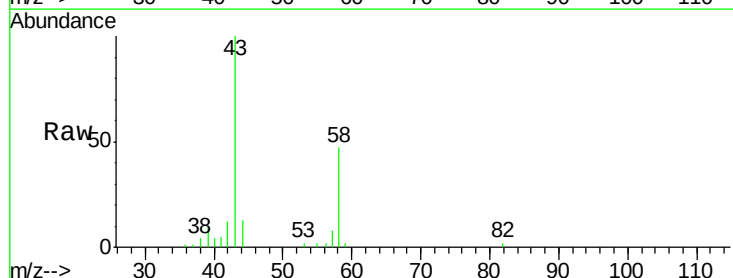
Acq: 29 Sep 2020 22:09

Tgt Ion: 43 Resp: 27256

Ion Ratio Lower Upper

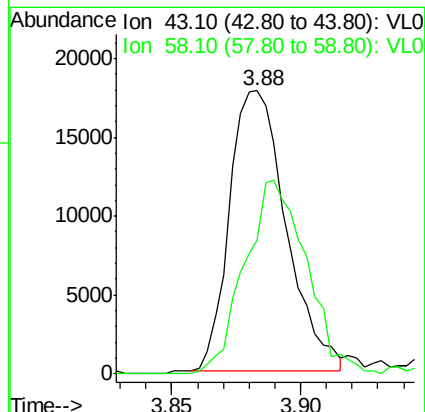
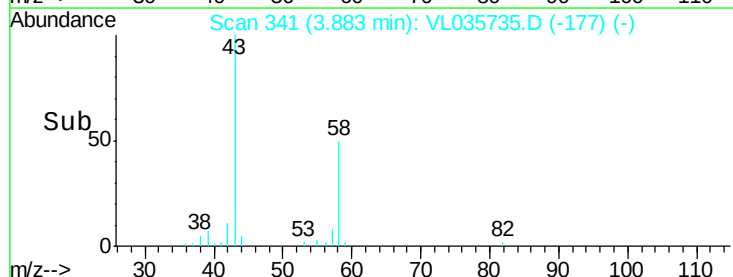
43 100

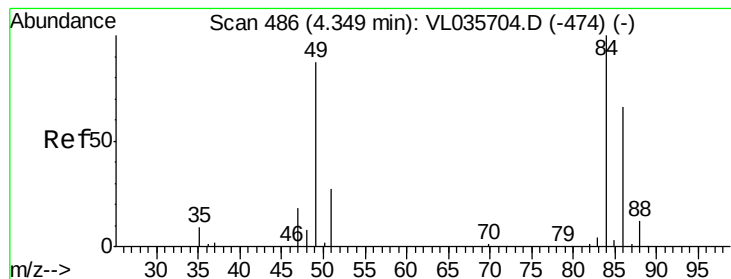
58 76.6 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.839 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.01 min

Lab File: VL035735.D

Acq: 29 Sep 2020 22:09

Instrument :

MSVOA_L

ClientSampleId :

CAN 10269

Tot Ion: 84 Resp: 70598

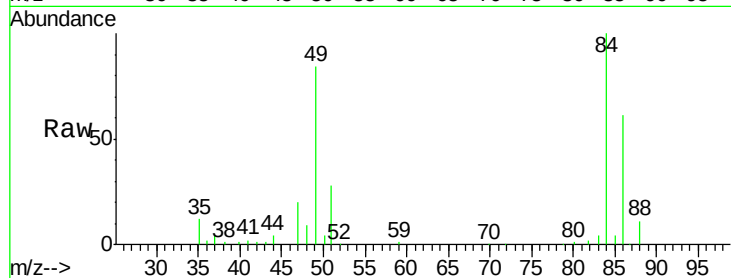
Ion Ratio Lower Upper

84 100

49 83.6 69.8 104.6

51 28.4 21.8 32.8

86 60.5 52.6 78.8



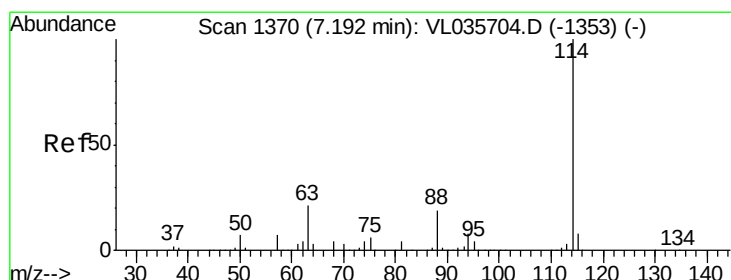
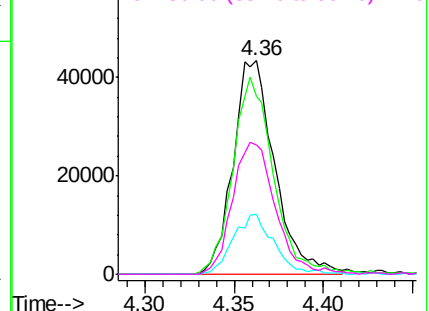
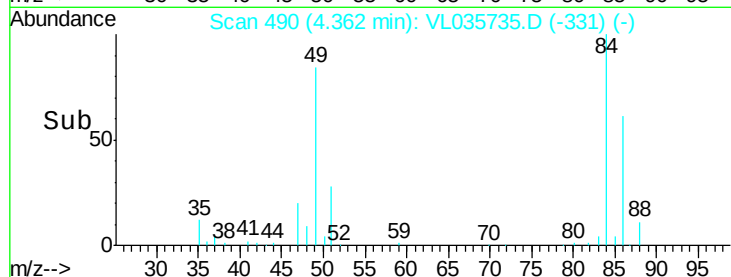
Abundance

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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. 0.01 min

Lab File: VL035735.D

Acq: 29 Sep 2020 22:09

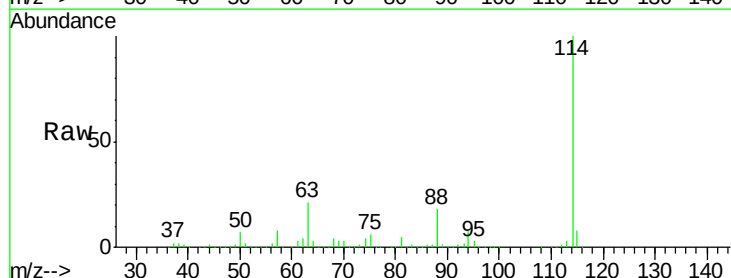
Tgt Ion: 114 Resp: 3870465

Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 17.5 14.1 21.1

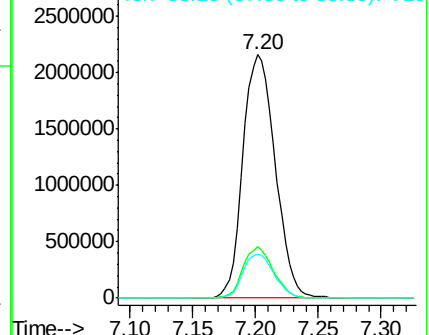
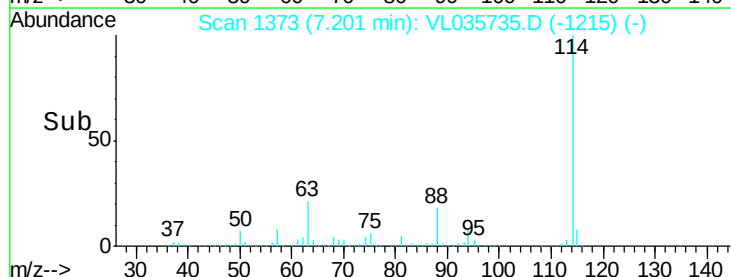


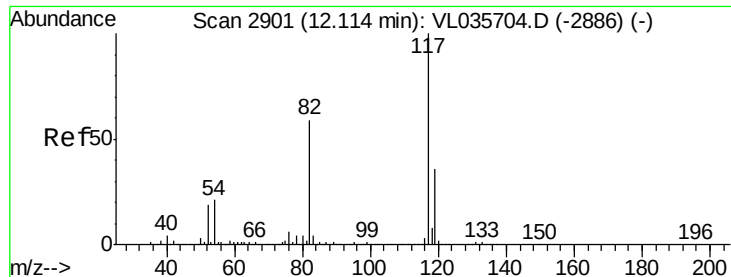
Abundance

Ion 114.10 (113.80 to 114.80): VL0

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: 12.12 min Scan# 2904

Delta R.T. 0.01 min

Lab File: VL035735.D

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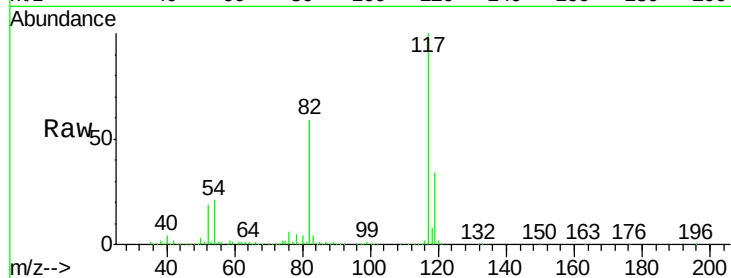
Tot Ion:117 Resp: 3868573

Ion Ratio Lower Upper

117 100

82 58.5 46.1 69.1

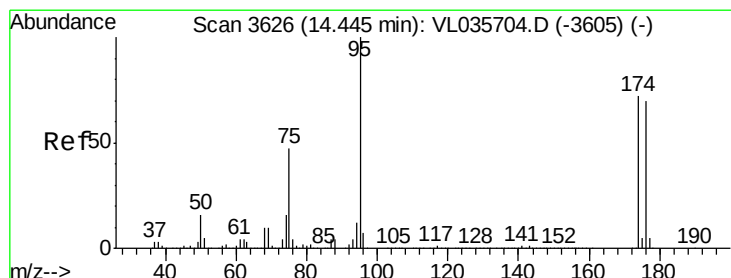
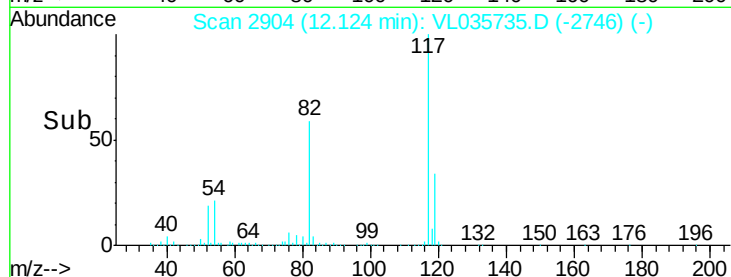
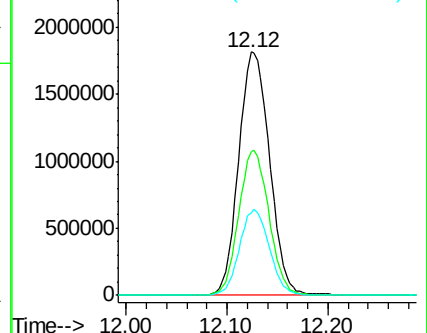
119 34.3 28.0 42.0



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: 10.078 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL035735.D

Acq: 29 Sep 2020 22:09

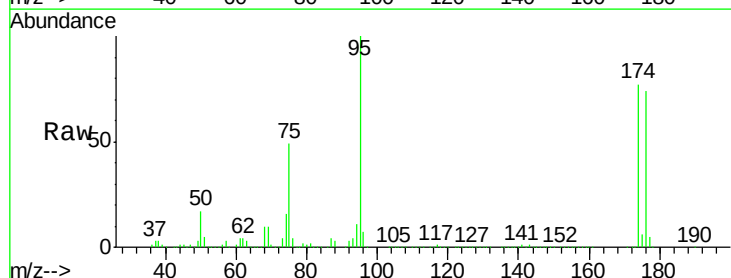
Tgt Ion: 95 Resp: 2921399

Ion Ratio Lower Upper

95 100

174 77.0 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

