

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035136.D
 Acq On : 30 Jun 2020 22:12
 Operator : SY/AP
 Sample : OC061620 CAN 10608
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 03:02:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1191458	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2816839	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2636331	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2216674	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

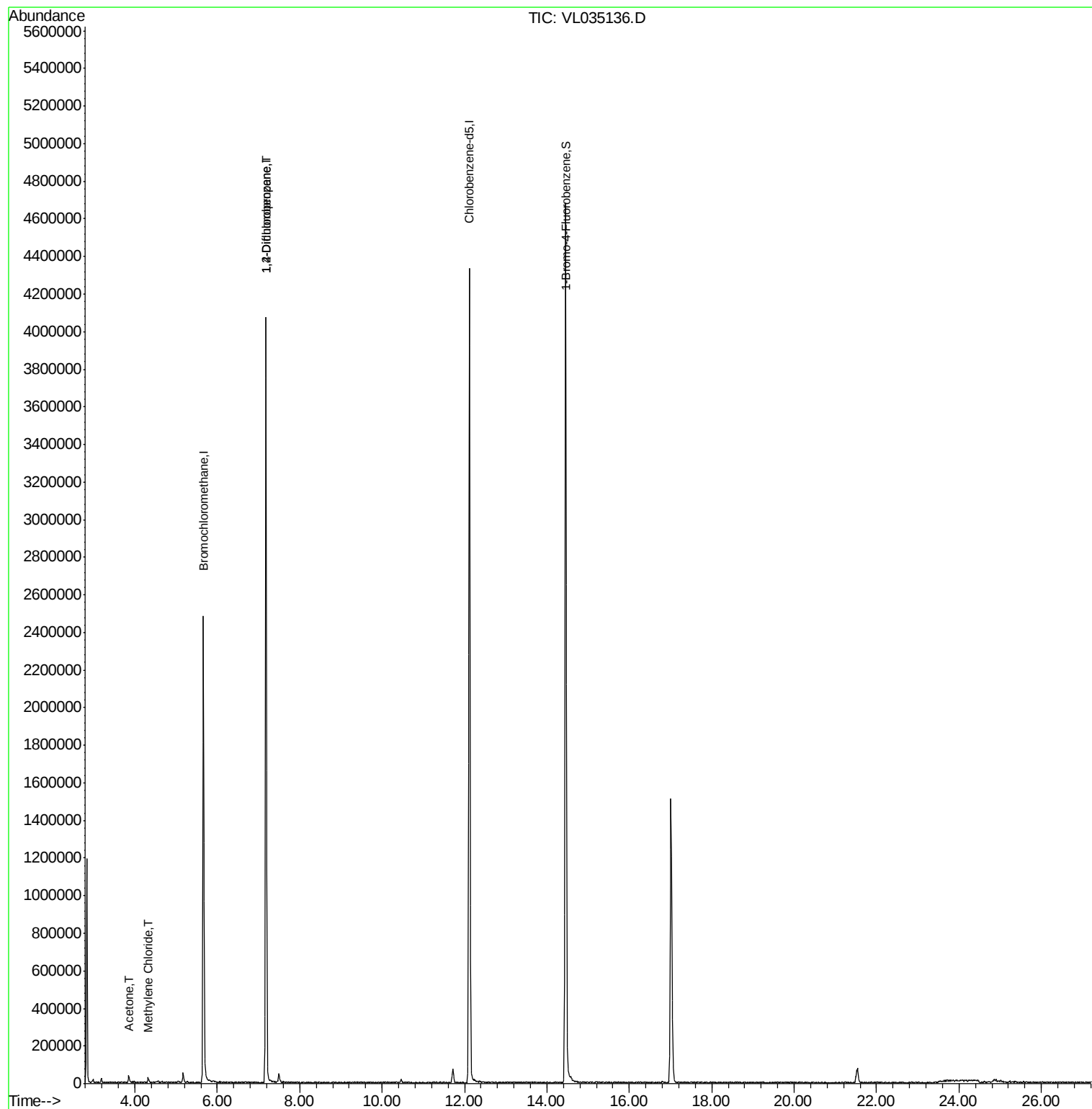
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	27833	0.193	ppbv #	45
20) Methylene Chloride	4.32	84	6634	0.114	ppbv #	71
39) 1,2-Dichloropropane	7.18	63	760832	8.918	ppbv #	24

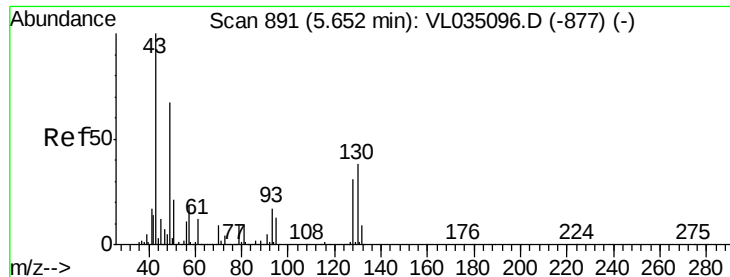
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.01 min

Lab File: VL035136.D

Acq: 30 Jun 2020 22:12

Instrument :
MSVOA_L
ClientSampleId :

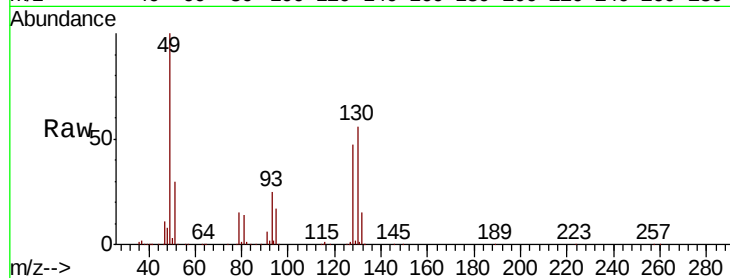
Tot Ion: 49 Resp: 1191458

Ion Ratio Lower Upper

49 100

128 47.9 22.9 68.5

130 60.5 29.0 87.0



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

5.66

800000

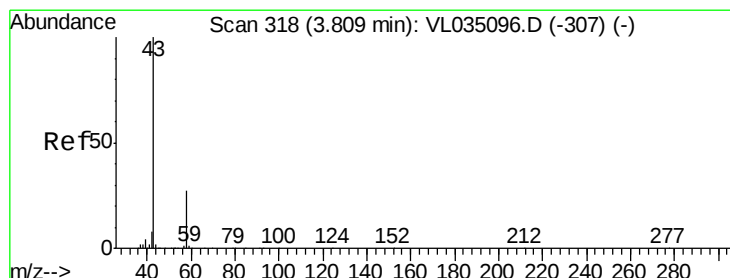
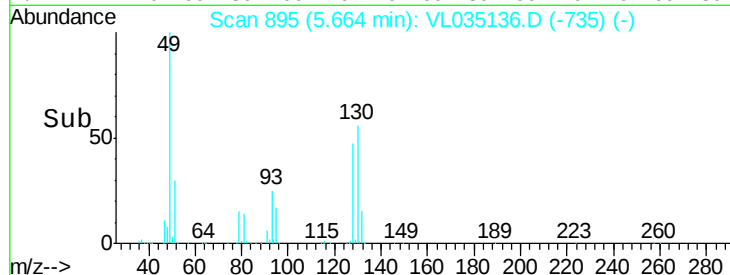
600000

400000

200000

0

Time-->



#15

Acetone

Concen: 0.193 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.04 min

Lab File: VL035136.D

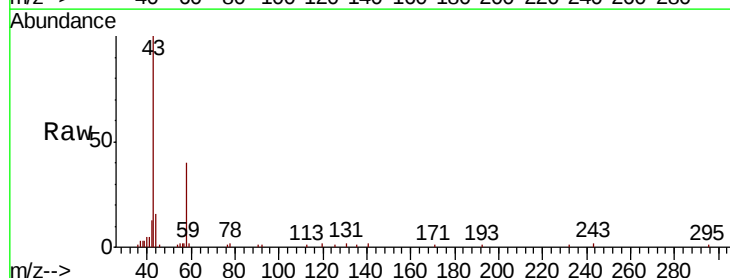
Acq: 30 Jun 2020 22:12

Tgt Ion: 43 Resp: 27833

Ion Ratio Lower Upper

43 100

58 55.9 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

20000

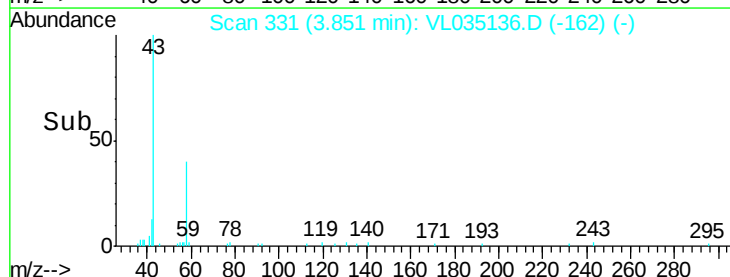
15000

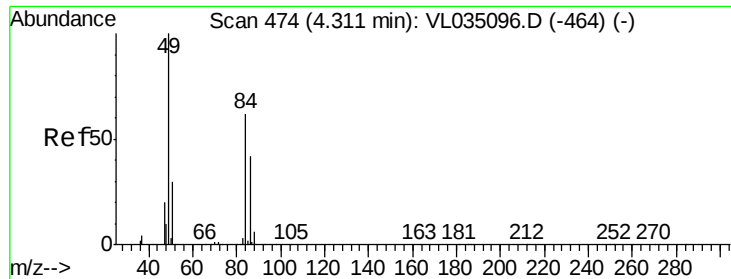
10000

5000

0

Time-->

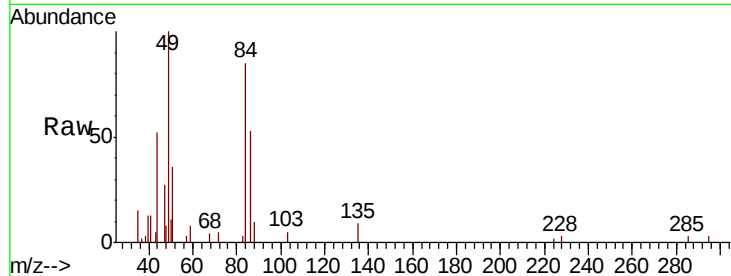




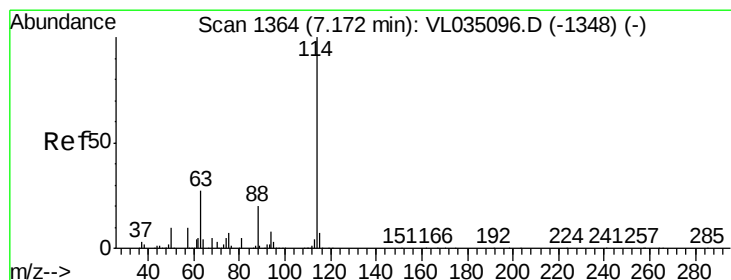
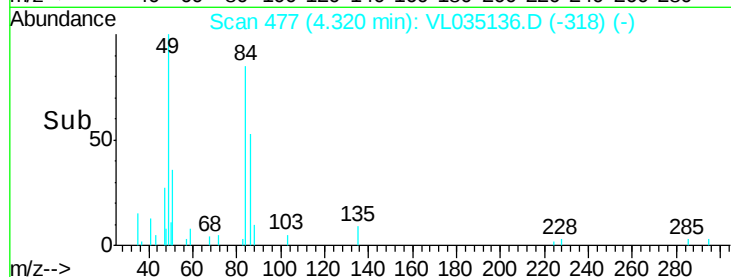
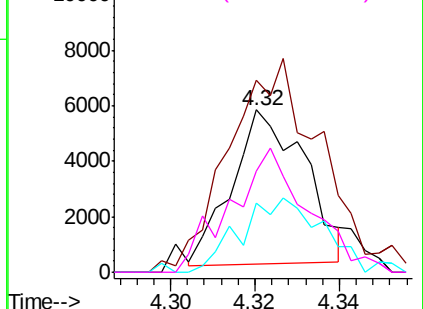
#20
Methylene Chloride
Concen: 0.114 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035136.D
Acq: 30 Jun 2020 22:12

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 84 Resp: 6634
Ion Ratio Lower Upper
84 100
49 105.1 128.8 193.2#
51 46.0 38.7 58.1
86 55.3 54.1 81.1

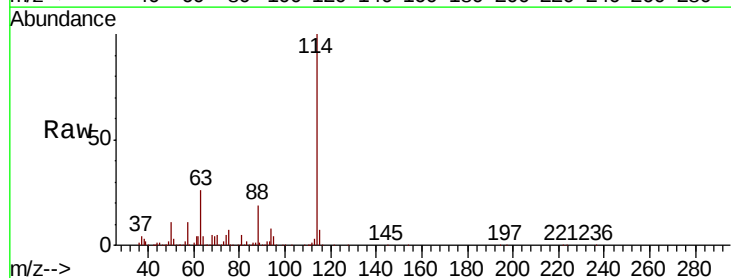


Abundance Ion 84.00 (83.70 to 84.70): VL0
12000 Ion 49.10 (48.80 to 49.80): VL0
10000 Ion 51.10 (50.80 to 51.80): VL0
8000 Ion 86.00 (85.70 to 86.70): VL0

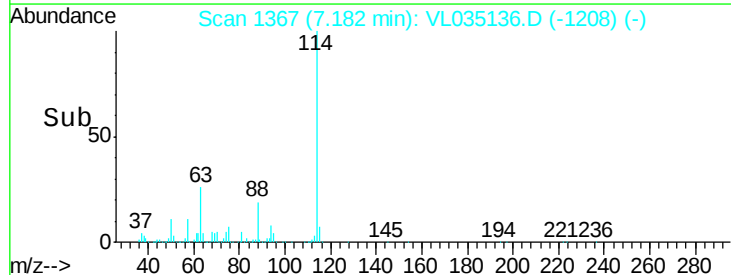
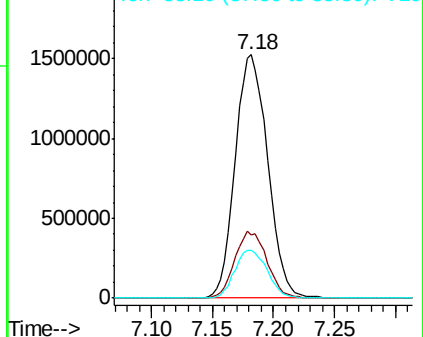


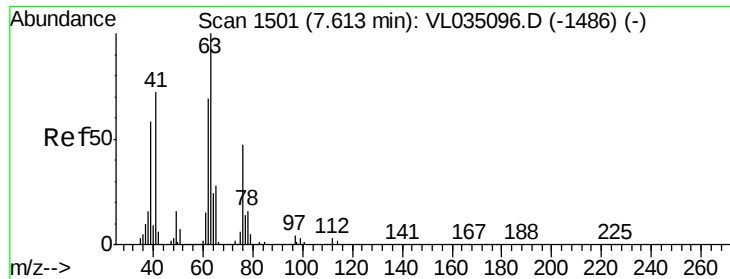
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL035136.D
Acq: 30 Jun 2020 22:12

Tgt Ion: 114 Resp: 2816839
Ion Ratio Lower Upper
114 100
63 27.1 21.9 32.9
88 19.8 15.6 23.4



Abundance Ion 114.10 (113.80 to 114.80): V
2000000 Ion 63.10 (62.80 to 63.80): VL0
1500000 Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 8.918 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.43 min

Lab File: VL035136.D

Acq: 30 Jun 2020 22:12

Instrument :

MSVOA_L

ClientSampleId :

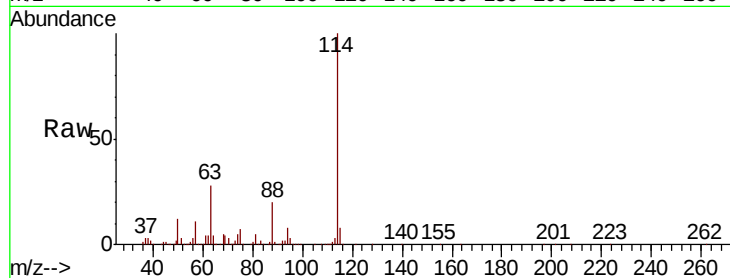
Tot Ion: 63 Resp: 760832

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

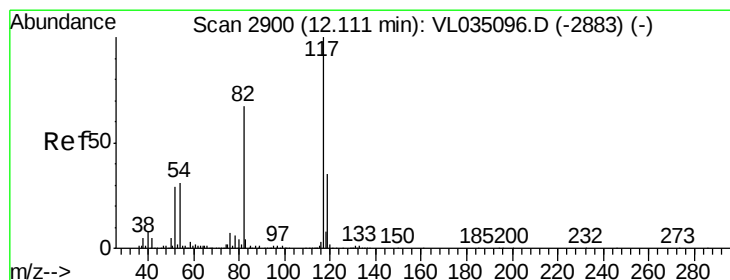
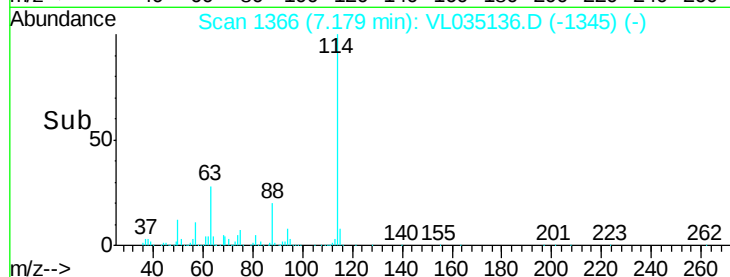
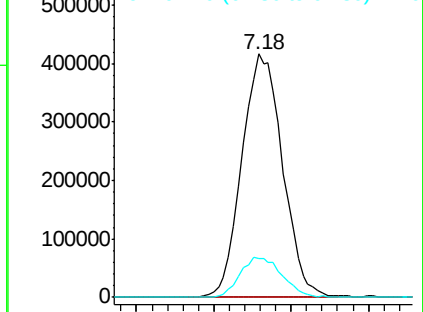
62 16.0 55.4 83.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. 0.01 min

Lab File: VL035136.D

Acq: 30 Jun 2020 22:12

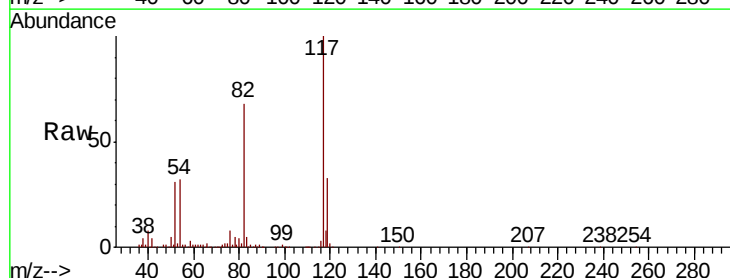
Tgt Ion: 117 Resp: 2636331

Ion Ratio Lower Upper

117 100

82 68.7 50.4 75.6

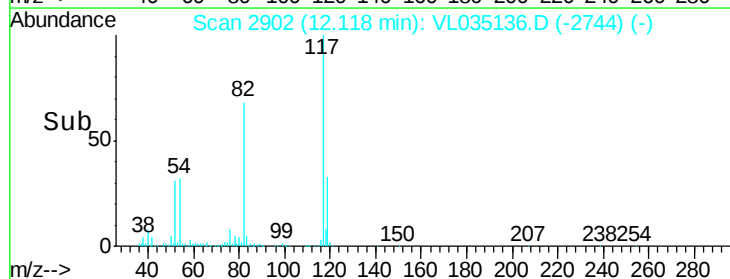
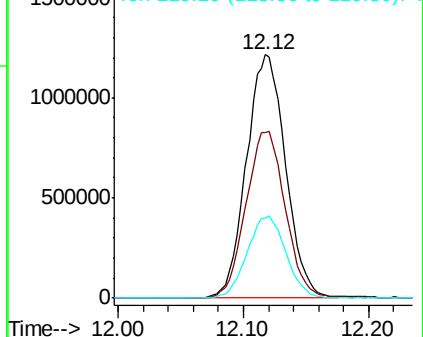
119 33.5 25.4 38.0

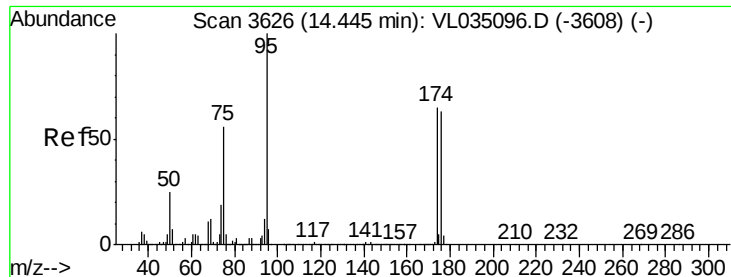


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.122 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. 0.01 min

Lab File: VL035136.D

Acq: 30 Jun 2020 22:12

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2216674

Ion Ratio Lower Upper

95 100

174 65.9 52.2 78.2

175 5.1 4.0 6.0

