

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL062220\  
Quantitation Report (Not Reviewed)

Data File : VL035106.D  
Acq On : 22 Jun 2020 10:02  
Operator : SY/AP  
Sample : VL0622ABL01  
Misc : 400ml/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0622ABL01

Quant Time: Jun 22 11:55:53 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL061920AIR.M  
Quant Title : AIR ANALYSIS BY METHOD T0-15 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   | 5.65  | 49   | 1293316  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 3020461  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.11 | 117  | 2917163  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.45  | 95    | 2479212  | 10.23    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.30% |

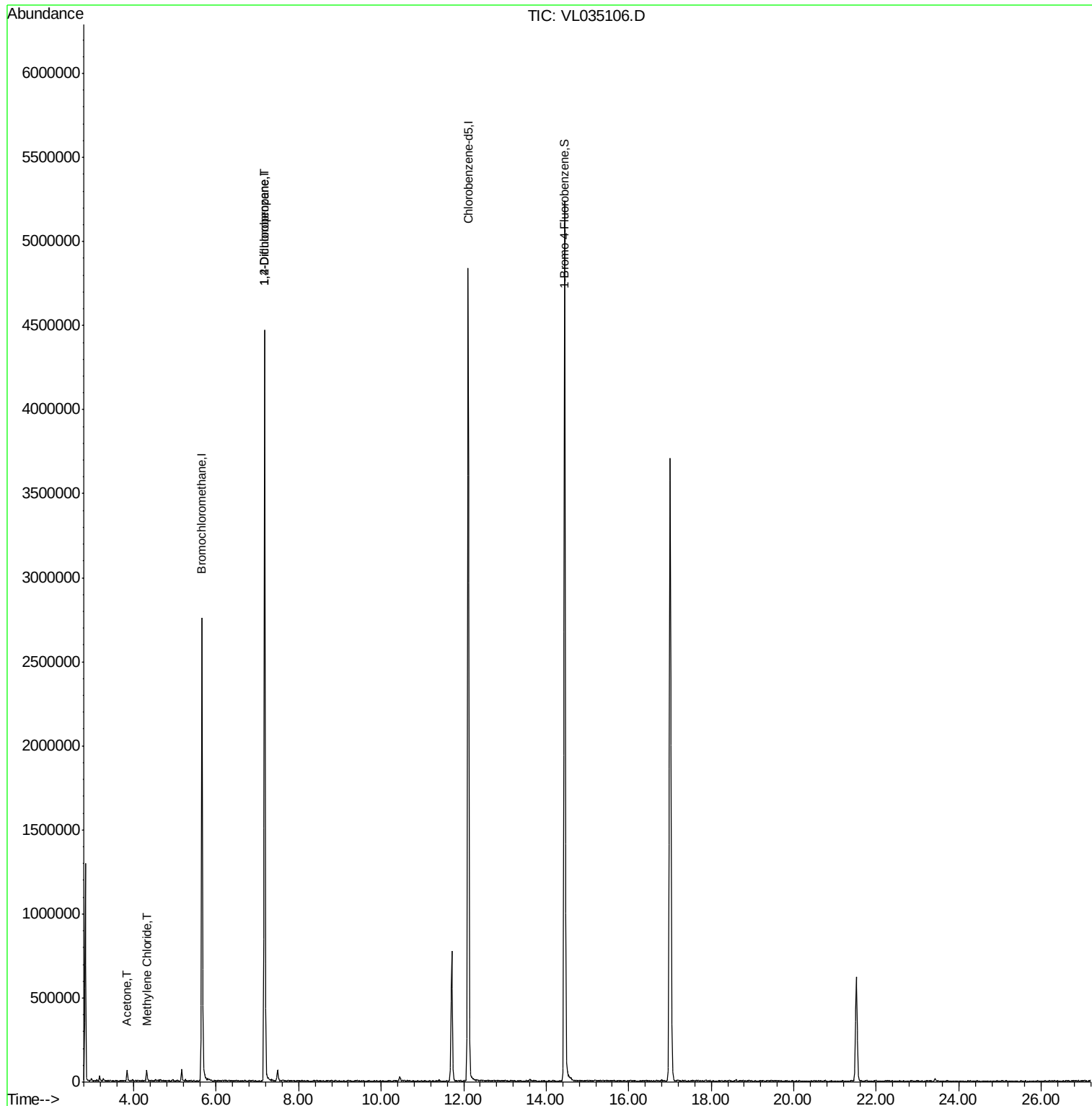
| Target Compounds        |      |    |        |       | Qvalue |    |
|-------------------------|------|----|--------|-------|--------|----|
| 15) Acetone             | 3.84 | 43 | 57982  | 0.371 | ppbv # | 74 |
| 20) Methylene Chloride  | 4.32 | 84 | 18018  | 0.285 | ppbv # | 75 |
| 39) 1,2-Dichloropropane | 7.17 | 63 | 830494 | 9.079 | ppbv # | 24 |

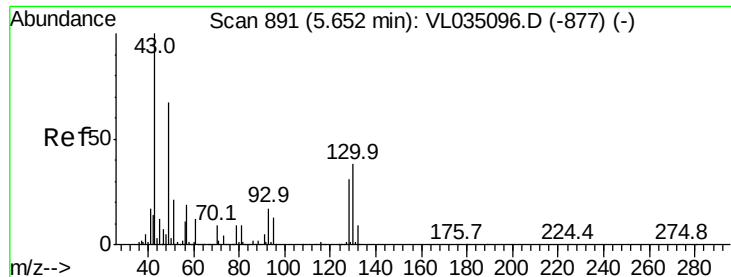
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 20 02:10:36 2020  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL035106.D

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Instrument :

MSVOA\_L

ClientSampleId :

VL0622ABL01

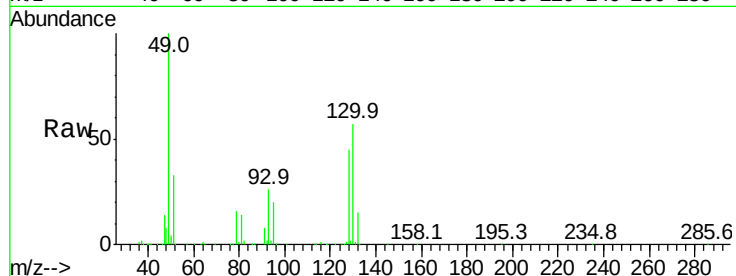
Tgt Ion: 49 Resp: 1293316

Ion Ratio Lower Upper

49 100

128 47.8 22.9 68.5

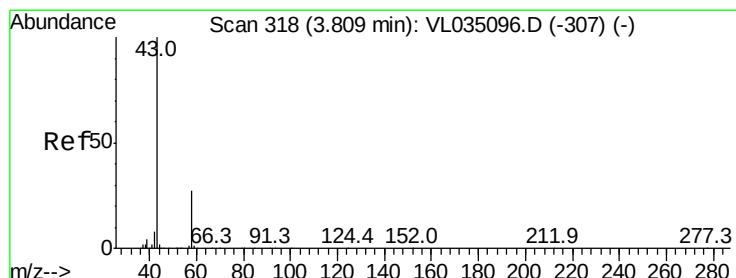
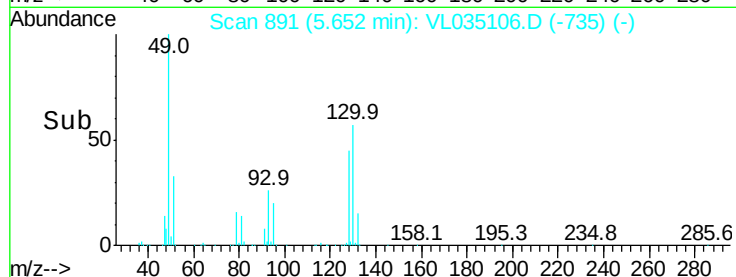
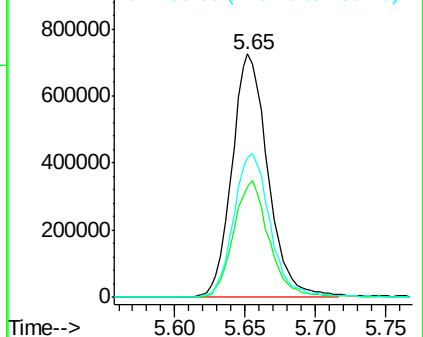
130 61.0 29.0 87.0



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: 0.371 ppbv

RT: 3.84 min Scan# 326

Delta R.T. 0.03 min

Lab File: VL035106.D

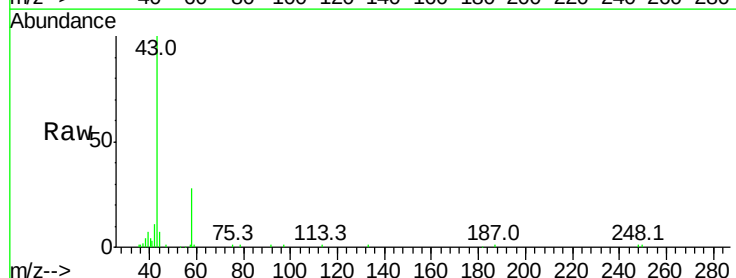
Acq: 22 Jun 2020 10:02

Tgt Ion: 43 Resp: 57982

Ion Ratio Lower Upper

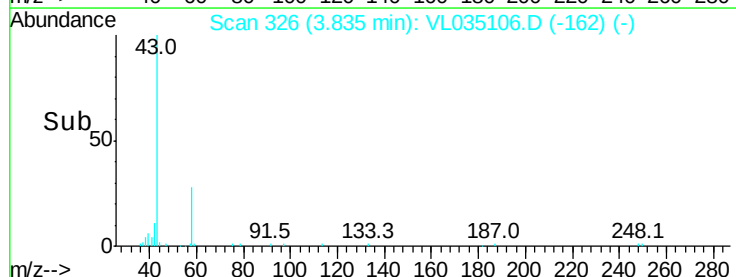
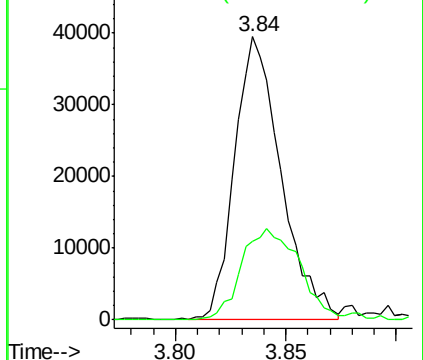
43 100

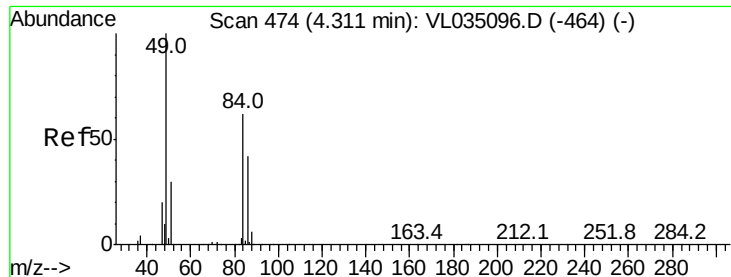
58 40.6 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

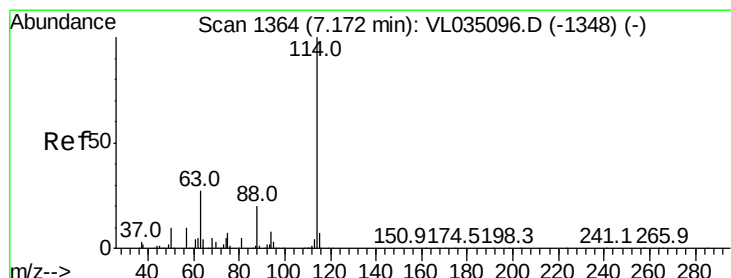
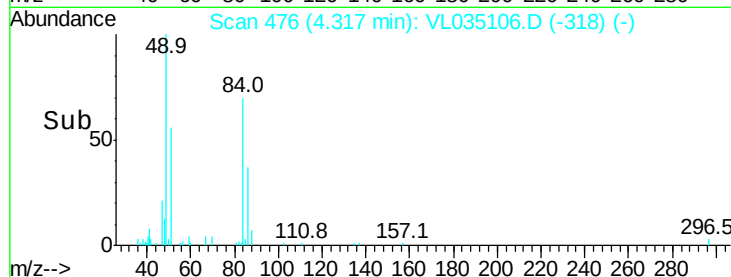
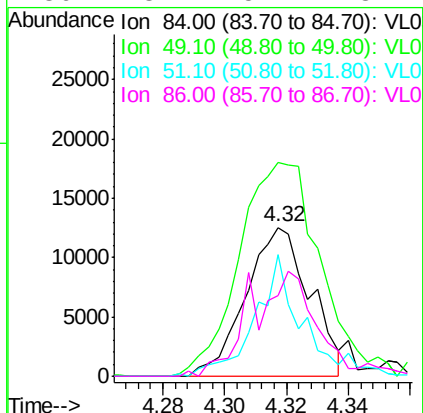
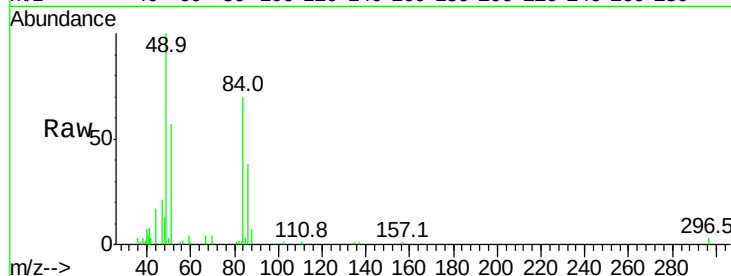




#20  
Methylene Chloride  
Concen: 0.285 ppbv  
RT: 4.32 min Scan# 476  
Delta R.T. 0.01 min  
Lab File: VL035106.D  
Acq: 22 Jun 2020 10:02

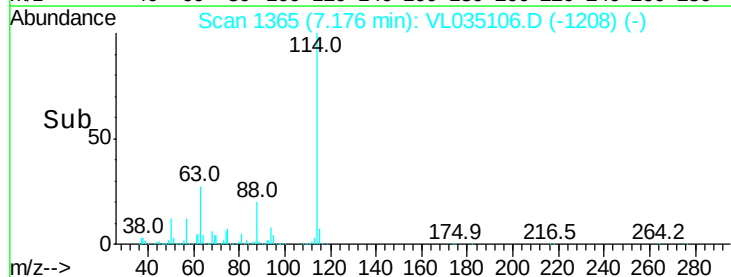
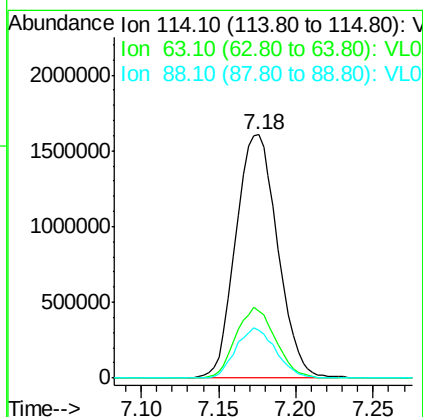
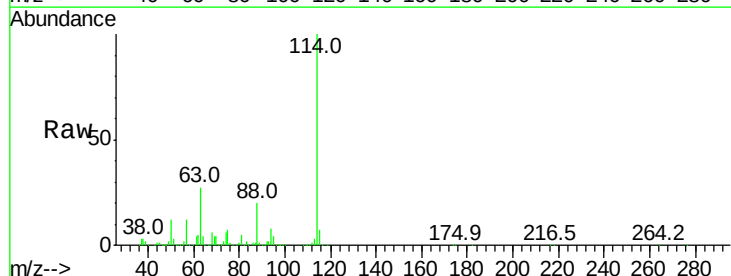
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0622ABL01

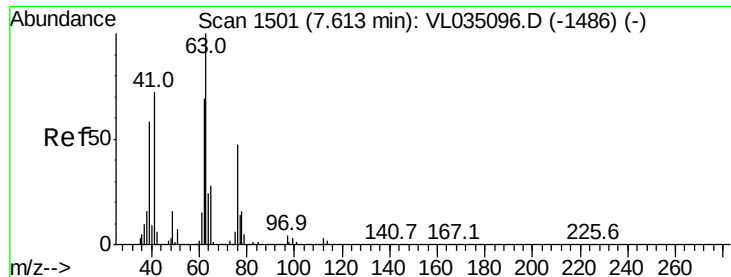
Tgt Ion: 84 Resp: 18018  
Ion Ratio Lower Upper  
84 100  
49 137.0 128.8 193.2  
51 81.4 38.7 58.1#  
86 48.7 54.1 81.1#



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.18 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: VL035106.D  
Acq: 22 Jun 2020 10:02

Tgt Ion: 114 Resp: 3020461  
Ion Ratio Lower Upper  
114 100  
63 27.7 21.9 32.9  
88 19.8 15.6 23.4





#39

1,2-Dichloropropane

Concen: 9.079 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.44 min

Lab File: VL035106.D

Acq: 22 Jun 2020 10:02

Instrument :

MSVOA\_L

ClientSampleId :

VL0622ABL01

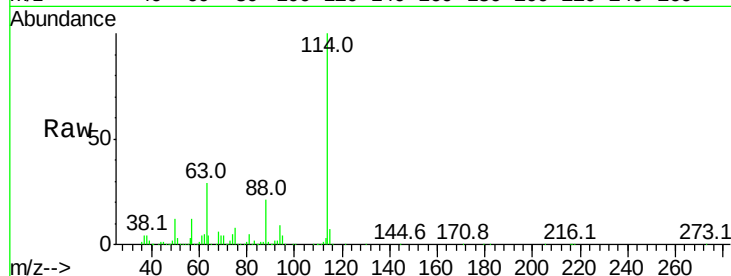
Tgt Ion: 63 Resp: 830494

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

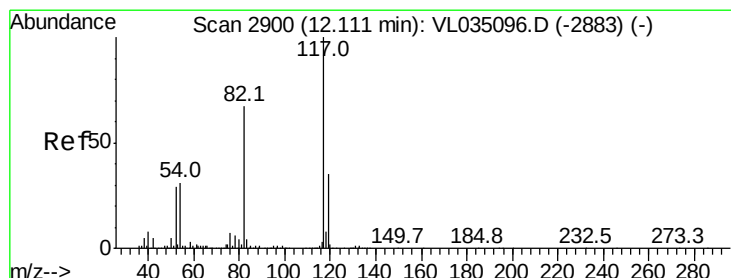
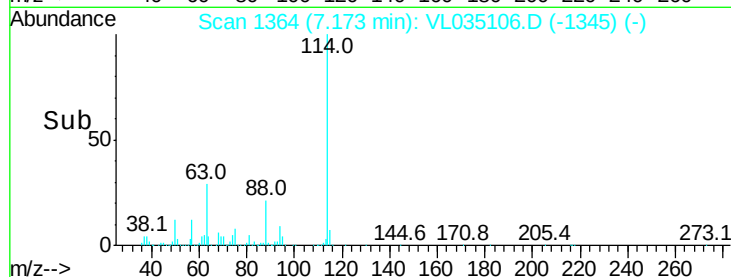
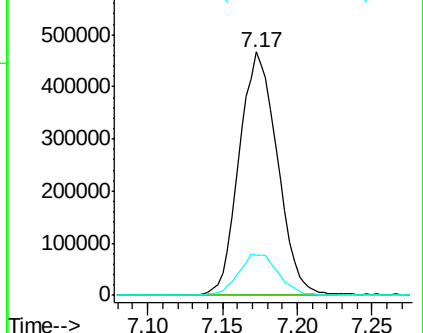
62 16.7 55.4 83.0#



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: 12.11 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VL035106.D

Acq: 22 Jun 2020 10:02

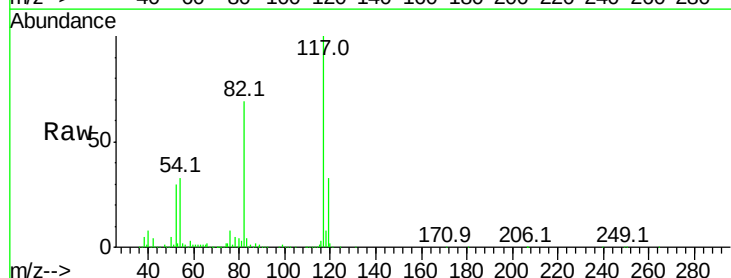
Tgt Ion: 117 Resp: 2917163

Ion Ratio Lower Upper

117 100

82 69.4 50.4 75.6

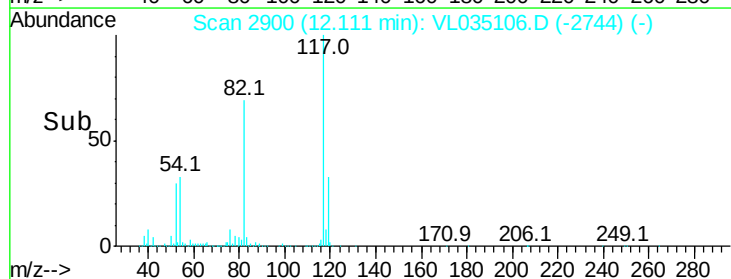
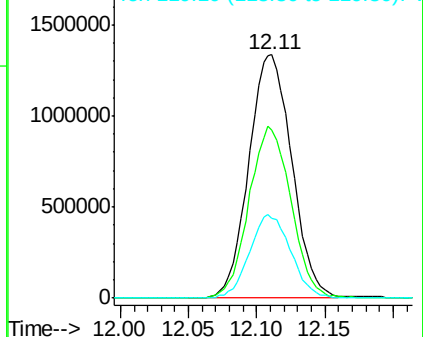
119 33.1 25.4 38.0

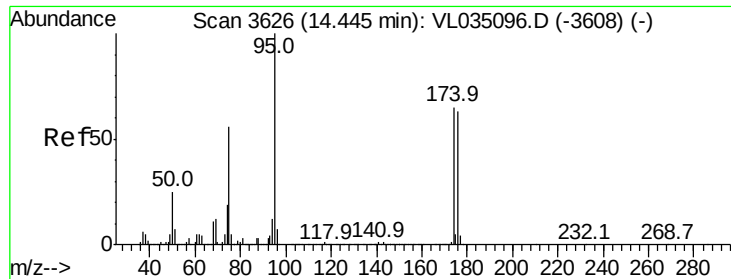


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.231 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL035106.D

Acq: 22 Jun 2020 10:02

Instrument :

MSVOA\_L

ClientSampleId :

VL0622ABL01

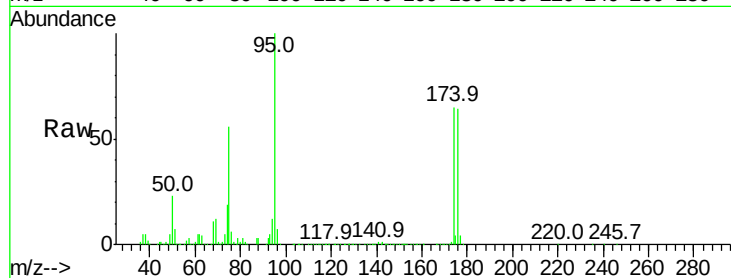
Tgt Ion: 95 Resp: 2479212

Ion Ratio Lower Upper

95 100

174 64.7 52.2 78.2

175 4.9 4.0 6.0



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

