

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\  
 Data File : VL036806.D  
 Acq On : 13 Apr 2021 16:55  
 Operator : SY/AP  
 Sample : VIBLK  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VIBLK

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021  
 Supervised By :Mahesh Dadoda 04/14/2021

Quant Time: Apr 14 07:20:03 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Thu Mar 25 09:42:40 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1365489  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 3241299  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 2431832  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 1584060  | 8.17     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 81.70% |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------------|------|------|----------|-------|-------|--------|
| 15) Acetone            | 3.87 | 43   | 46551m   | 0.346 | ppbv  |        |
| 20) Methylene Chloride | 4.34 | 84   | 8409m    | 0.134 | ppbv  |        |
| 30) Cyclohexane        | 7.16 | 84   | 26951m   | 0.224 | ppbv  |        |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\  
Data File : VL036806.D  
Acq On : 13 Apr 2021 16:55  
Operator : SY/AP  
Sample : VIBLK  
Misc : 400mL/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
VIBLK

Manual Integrations  
APPROVED

Quant Time: Apr 14 07:20:03 2021

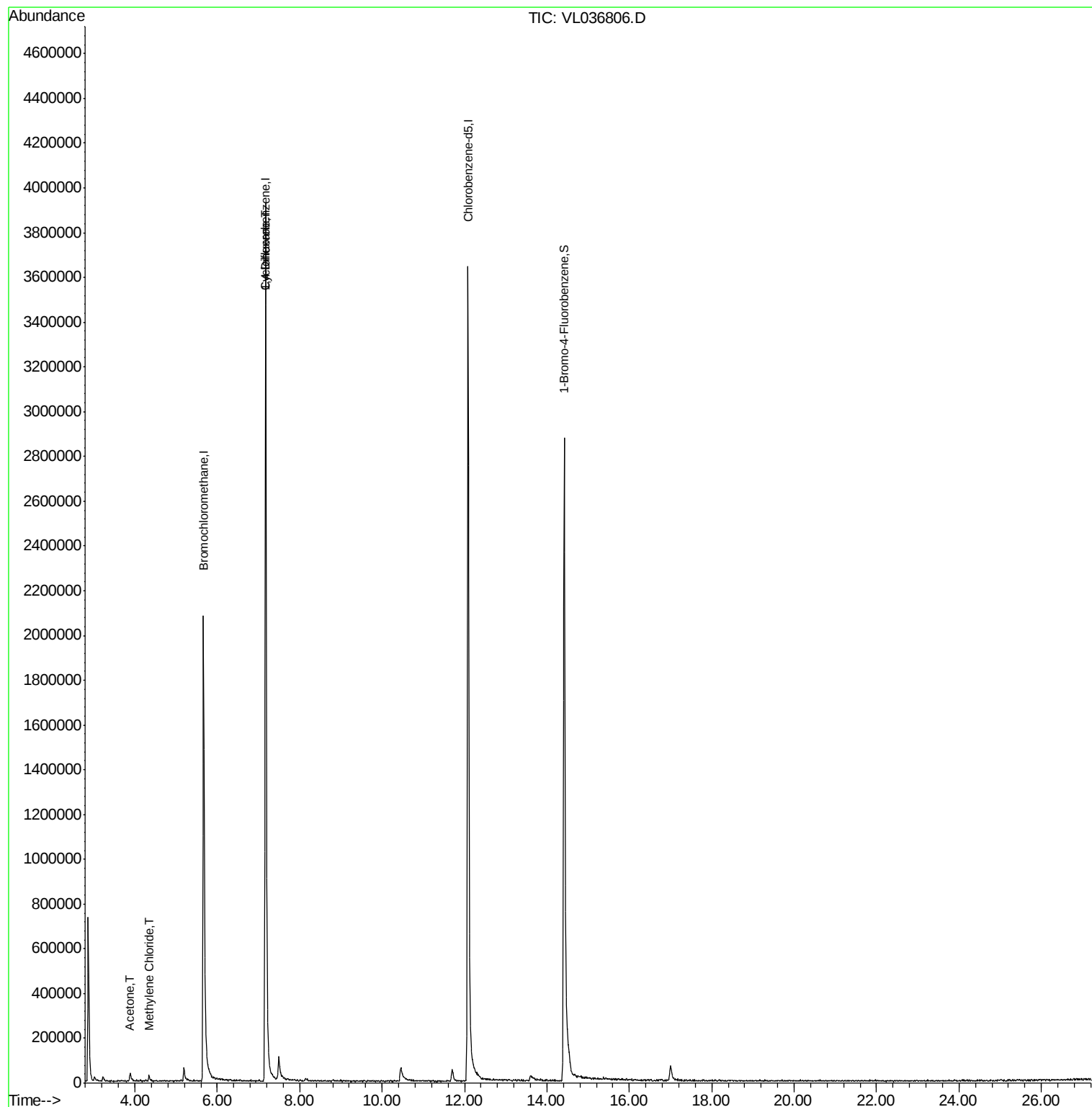
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Mar 25 09:42:40 2021

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/14/2021  
Supervised By :Mahesh Dadoda 04/14/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA\_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 13 Apr 2021 16:55

Tot Ion:

Ion Ratio

49 100

128 44.

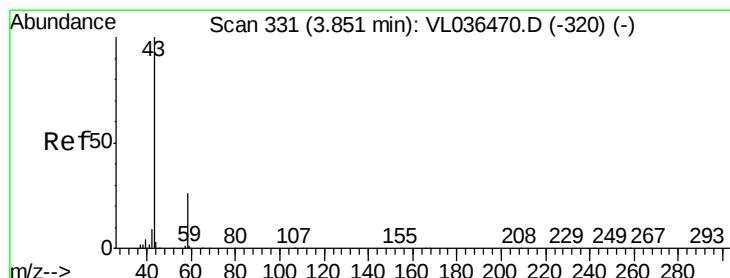
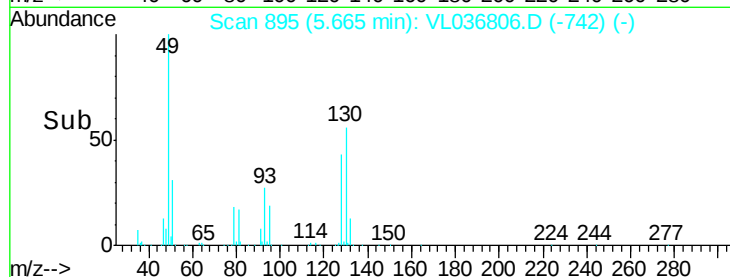
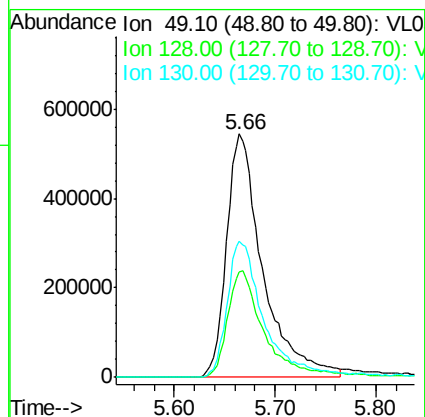
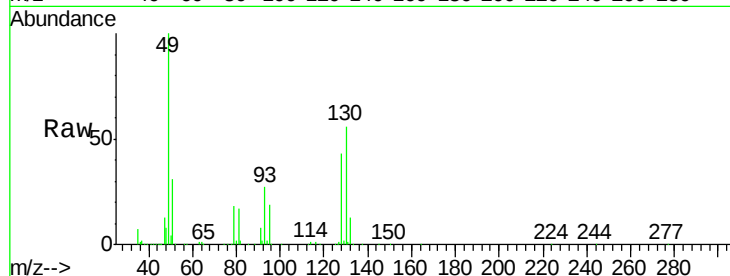
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#15

Acetone

Concen: 0.346 ppbv m

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL036806.D

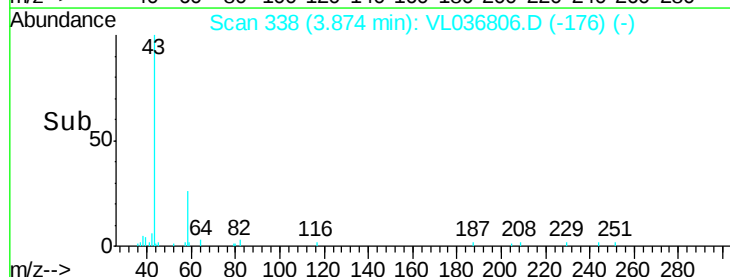
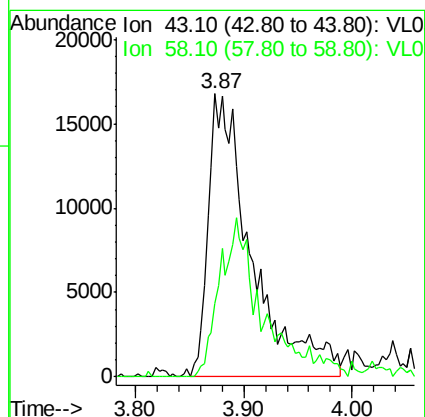
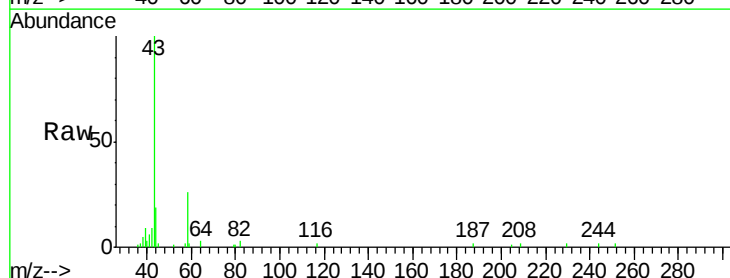
Acq: 13 Apr 2021 16:55

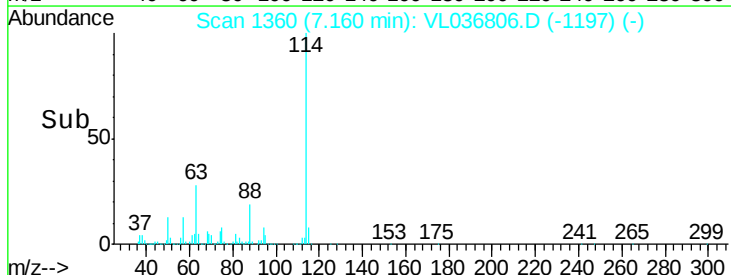
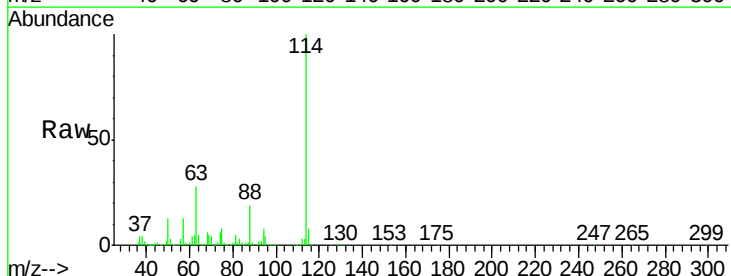
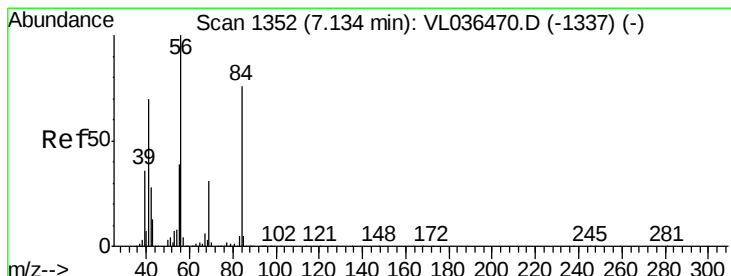
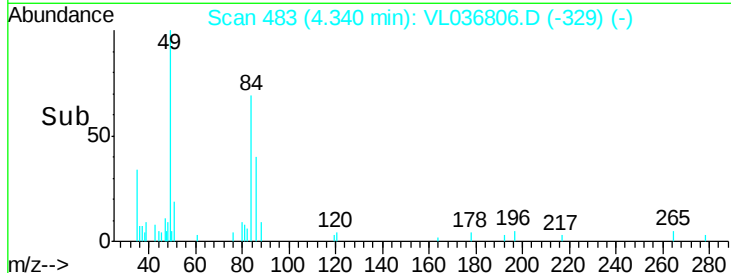
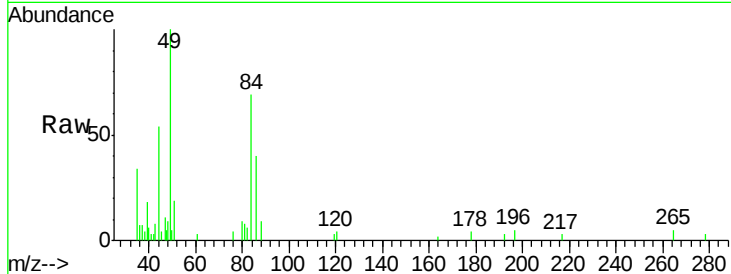
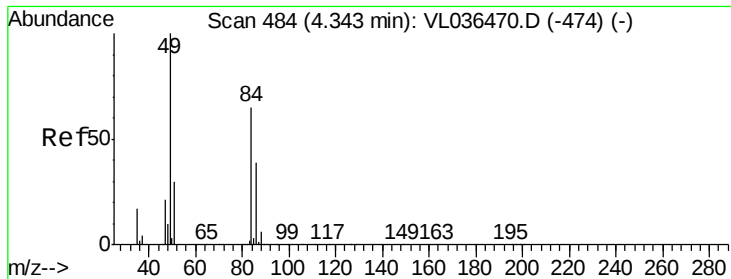
Tgt Ion: 43 Resp: 46551

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



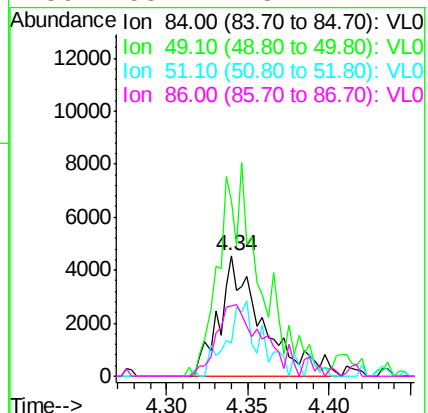


#20  
Methvlene Chloride  
Concen: 0.134 ppbv m  
RT: 4.34  
Instrument : MSVOA\_1  
Delta R.T. :  
Lab File: ClientSampleId :  
Acq: 13 Apr 2021 16:55

Tot Ion:  
Ion Ratio  
84 100  
49 145.  
51 27.  
86 58.4 48.2 72.4

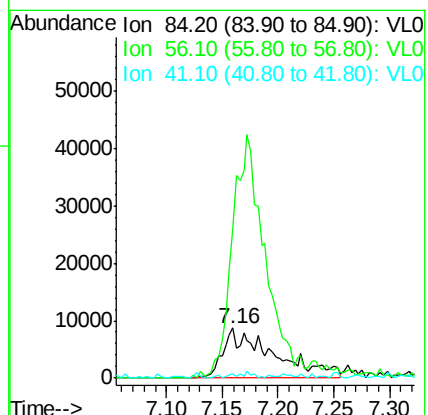
Manual Integrations  
APPROVED

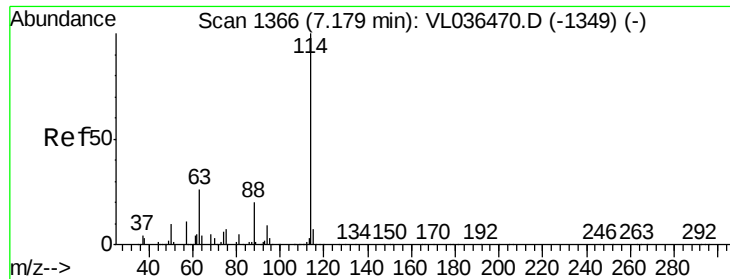
Reviewed By :Semsettin Yesilyurt 04/14/2021  
Supervised By :Mahesh Dadoda 04/14/2021



#30  
Cyclohexane  
Concen: 0.224 ppbv m  
RT: 7.16 min Scan# 1360  
Delta R.T. 0.03 min  
Lab File: VL036806.D  
Acq: 13 Apr 2021 16:55

Tgt Ion: 84 Resp: 26951  
Ion Ratio Lower Upper  
84 100  
56 0.0 114.6 171.8#  
41 0.0 75.3 112.9#



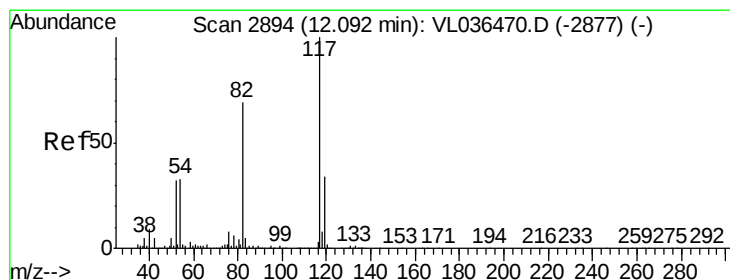
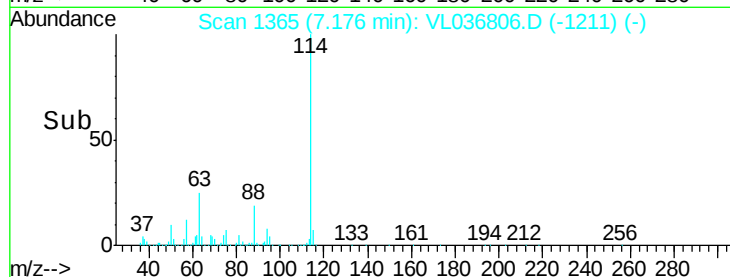
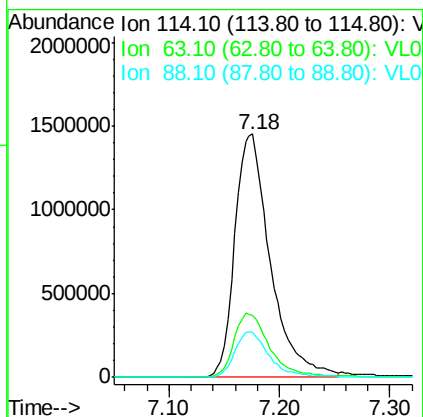
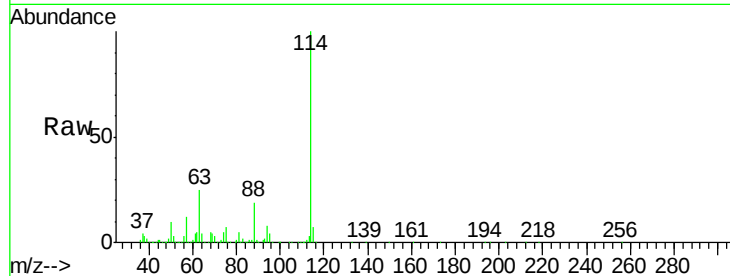


#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.18 min  
 Instrument: MSVOA\_1  
 Delta R.T.:  
 Lab File: ClientSampleId:  
 Acq: 13 Apr 2021 16:55

Tot Ion:1  
 Ion Rati  
 114 100  
 63 27.  
 88 18.

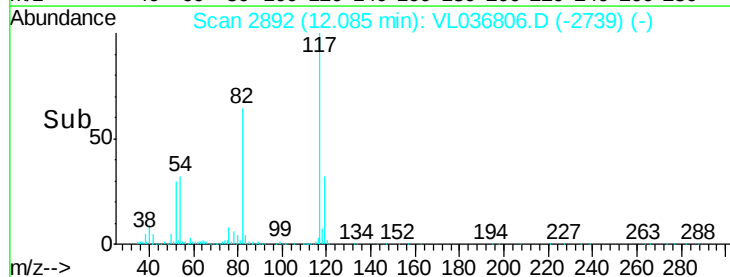
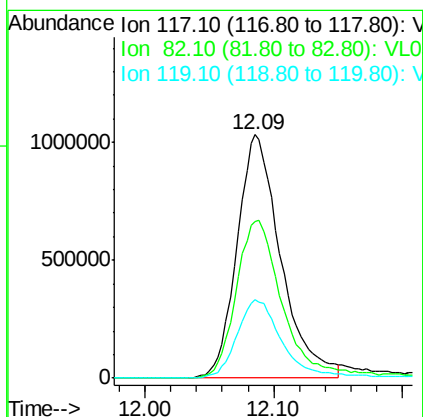
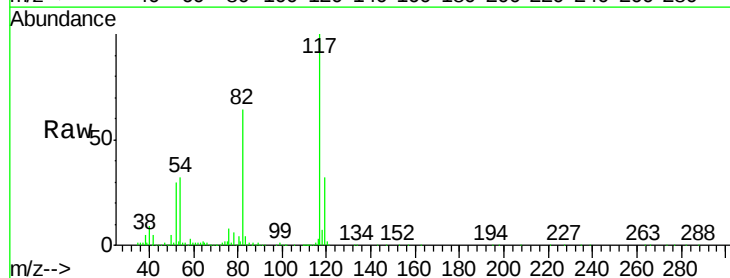
Manual Integrations  
 APPROVED

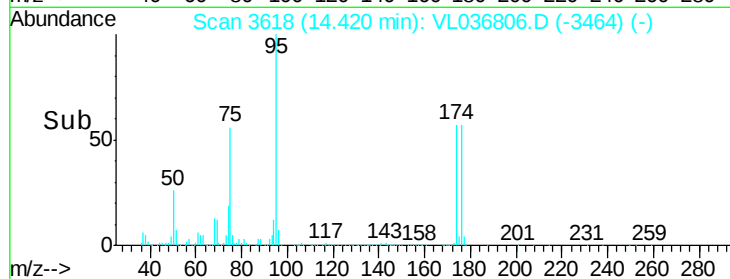
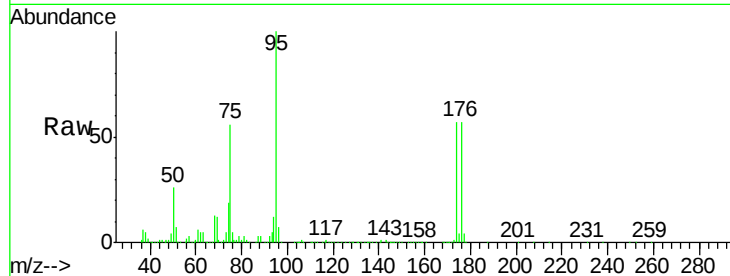
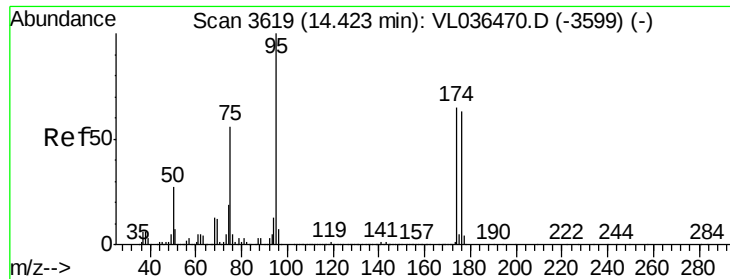
Reviewed By :Semsettin Yesilyurt 04/14/2021  
 Supervised By :Mahesh Dadoda 04/14/2021



#55  
 Chlorobenzene-d5  
 Concen: 10.000 ppbv  
 RT: 12.09 min Scan# 2892  
 Delta R.T. -0.01 min  
 Lab File: VL036806.D  
 Acq: 13 Apr 2021 16:55

Tgt Ion:117 Resp: 2431832  
 Ion Ratio Lower Upper  
 117 100  
 82 72.1 57.4 86.0  
 119 34.5 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.173 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

Acq: 13 Apr 2021 18:55

Tot Ion:

Ion Ratio

95 100

174 67.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021

