

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL052522\  
 Data File : VL039121.D  
 Acq On : 25 May 2022 17:22  
 Operator : SY/AP  
 Sample : N2956-01DL 40X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 AP-1DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2022  
 Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 26 07:59:38 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL050522AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_LThu May 26 07:59:38 2022  
 QLast Update : Thu May 05 10:12:15 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.639  | 49    | 886845   | 10.000   | ppbv   | -0.03    |
| 33) 1,4-Difluorobenzene     | 7.144  | 114   | 2095986  | 10.000   | ppbv   | -0.03    |
| 55) Chlorobenzene-d5        | 12.047 | 117   | 1791690  | 10.000   | ppbv   | -0.03    |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.372 | 95    | 1520250  | 10.714   | ppbv   | -0.03    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 107.100% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 9) Propene                  | 3.009  | 41    | 54363    | 1.131    | ppbv # | 60       |
| 13) Ethanol                 | 3.607  | 45    | 7528m    | 2.213    | ppbv   |          |
| 15) Acetone                 | 3.848  | 43    | 32356m   | 0.387    | ppbv   |          |
| 20) Methylene Chloride      | 4.327  | 84    | 47037m   | 1.492    | ppbv   |          |
| 26) Hexane                  | 5.658  | 57    | 43993m   | 0.494    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

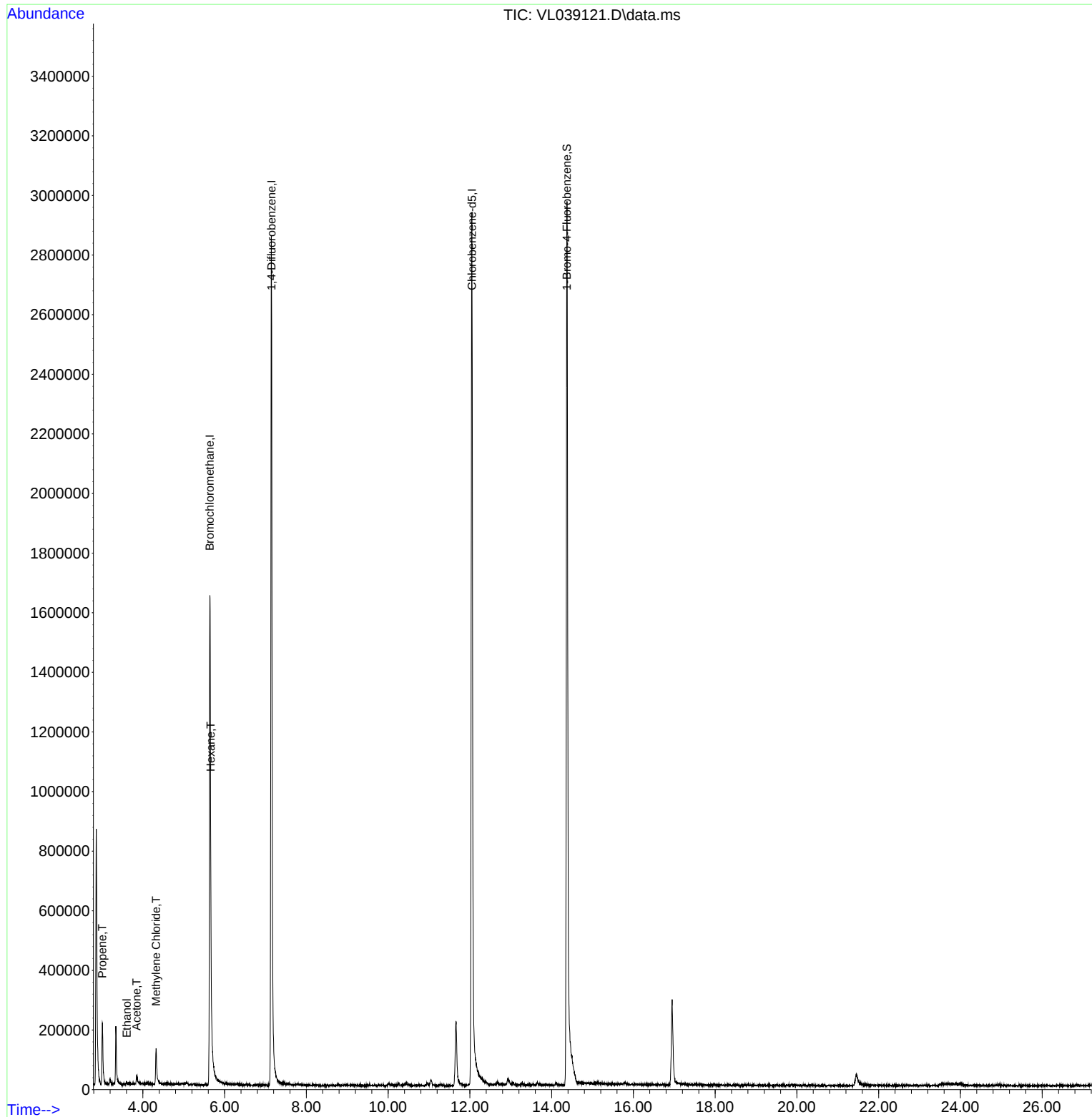
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL052522\  
Data File : VL039121.D  
Acq On : 25 May 2022 17:22  
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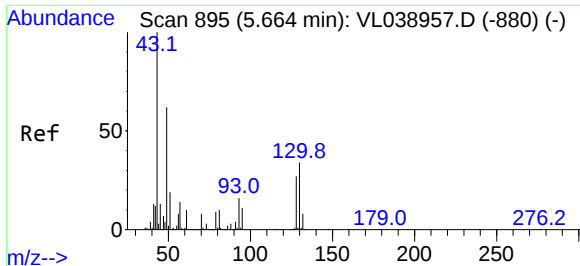
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ClientSampleId :  
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Quant Time: May 26 07:59:38 2022  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL050522AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu May  
QLast Update : Thu May 05 10:12:15 2022  
Response via : Initial Calibration





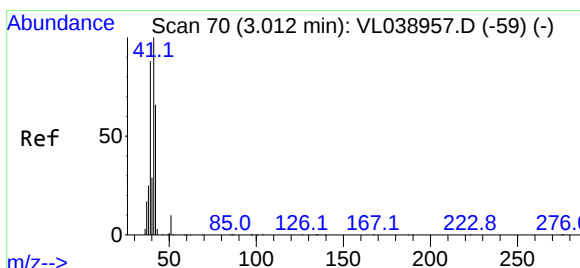
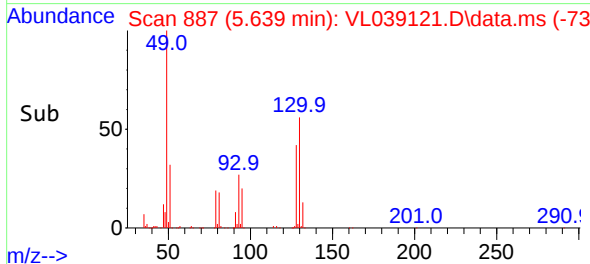
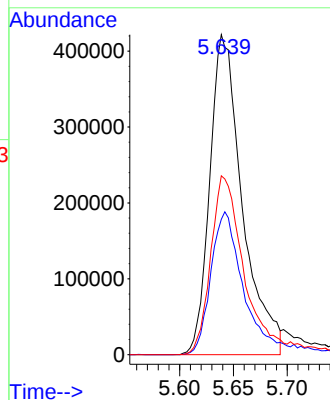
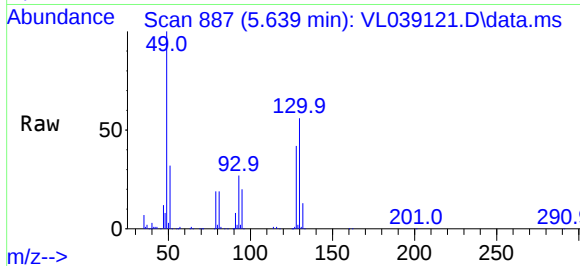
#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.639 min Scan# 81  
Delta R.T. -0.026 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22

Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL

Tgt Ion: 49 Resp: 88684  
Ion Ratio Lower Upper  
49 100  
128 48.6 23.3 69.8  
130 60.9 29.8 89.3

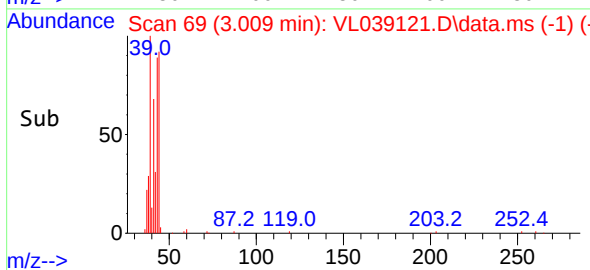
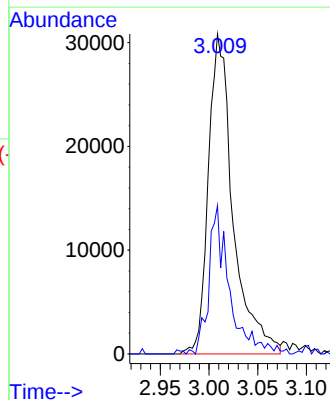
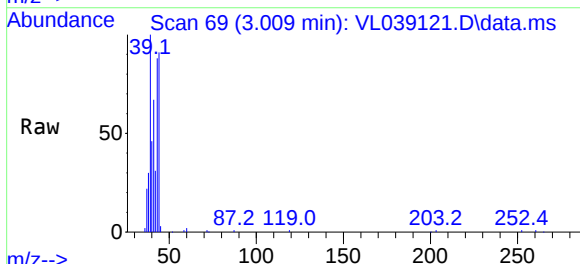
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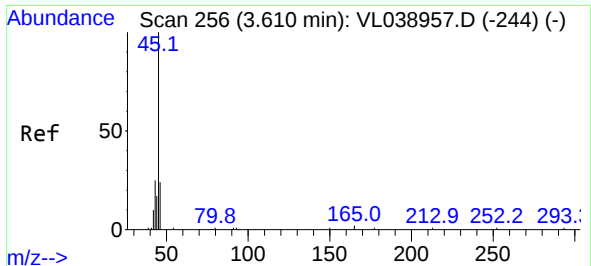
Reviewed By :Semsettin Yesilyurt 05/27/2022  
Supervised By :Mahesh Dadoda 05/27/2022



#9  
Propene  
Concen: 1.131 ppbv  
RT: 3.009 min Scan# 69  
Delta R.T. -0.003 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22

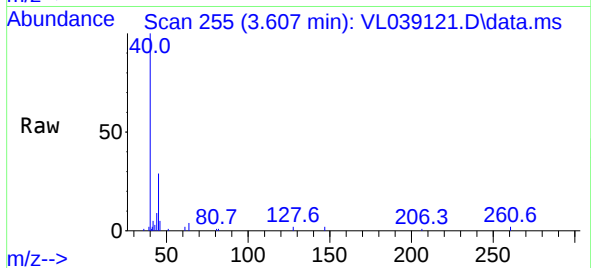
Tgt Ion: 41 Resp: 54363  
Ion Ratio Lower Upper  
41 100  
42 39.1 58.3 87.5#





#13  
Ethanol  
Concen: 2.213 ppbv m  
RT: 3.607 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22

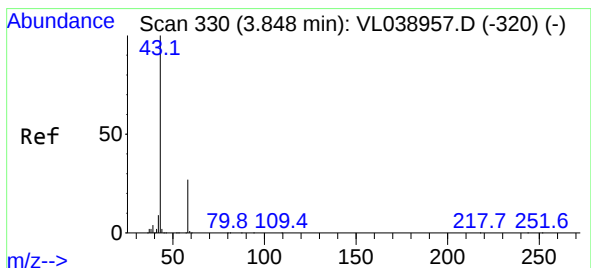
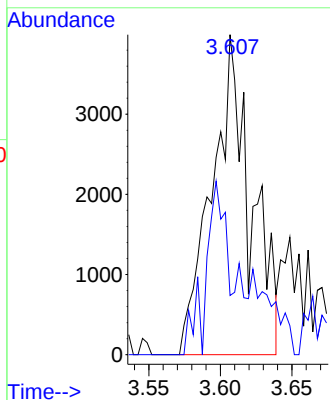
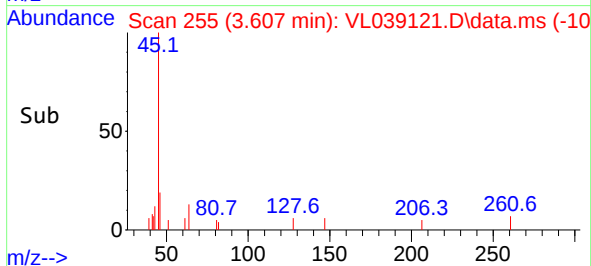
Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL



Tgt Ion: 45 Resp: 7528  
Ion Ratio Lower Upper  
45 100  
46 51.9 18.0 72.2

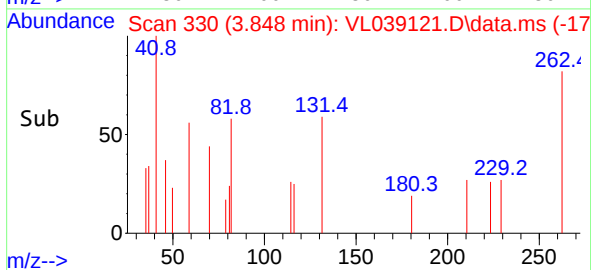
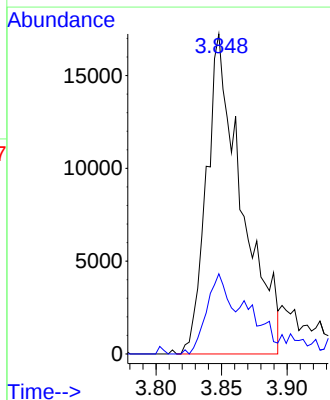
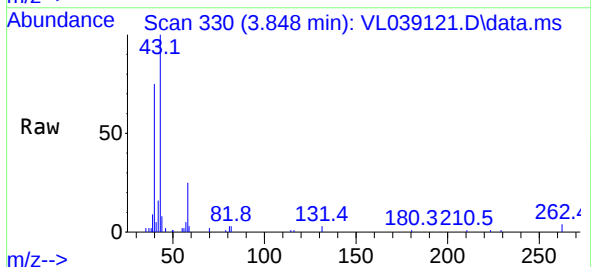
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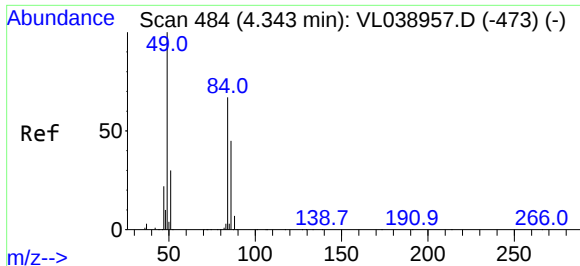
Reviewed By :Semsettin Yesilyurt 05/27/2022  
Supervised By :Mahesh Dadoda 05/27/2022



#15  
Acetone  
Concen: 0.387 ppbv m  
RT: 3.848 min Scan# 330  
Delta R.T. 0.000 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22

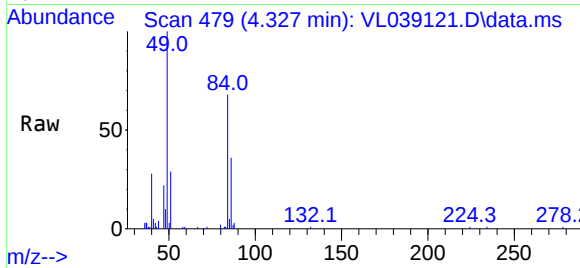
Tgt Ion: 43 Resp: 32356  
Ion Ratio Lower Upper  
43 100  
58 33.3 21.3 31.9#





#20  
Methylene Chloride  
Concen: 1.492 ppbv m  
RT: 4.327 min Scan# 41  
Delta R.T. -0.016 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22

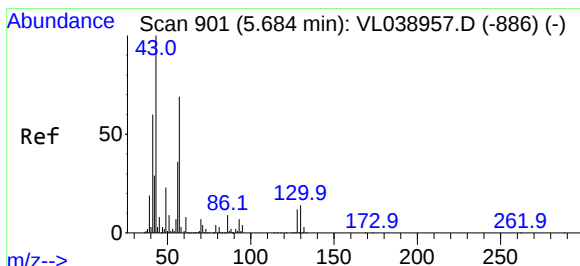
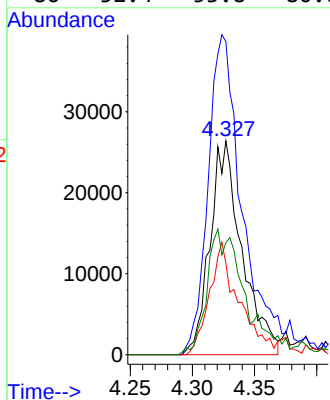
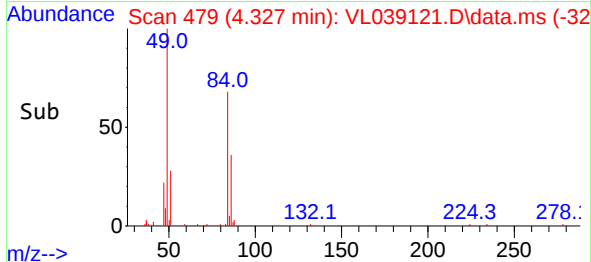
Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL



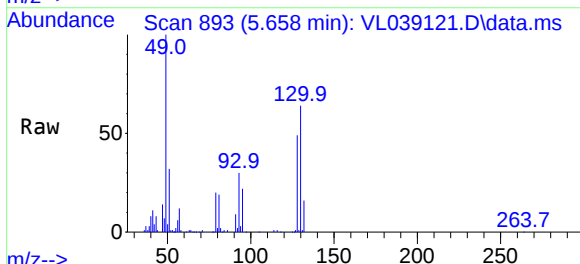
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 146.5 | 119.9 | 179.9 |
| 51      | 42.7  | 35.7  | 53.5  |
| 86      | 52.4  | 53.8  | 80.6# |

Manual Integrations  
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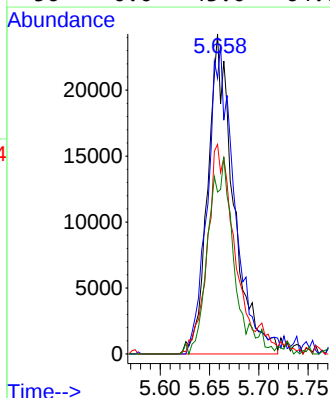
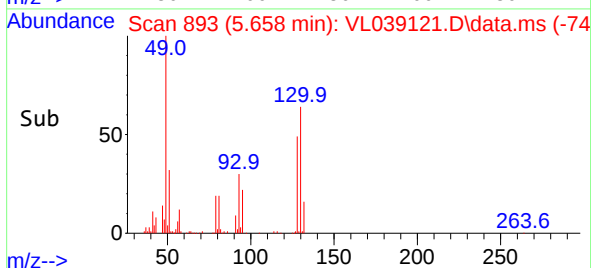
Reviewed By :Semsettin Yesilyurt 05/27/2022  
Supervised By :Mahesh Dadoda 05/27/2022

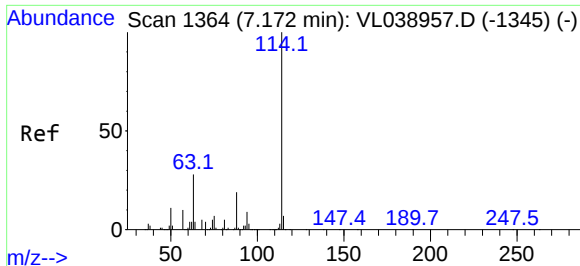


#26  
Hexane  
Concen: 0.494 ppbv m  
RT: 5.658 min Scan# 893  
Delta R.T. -0.026 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22



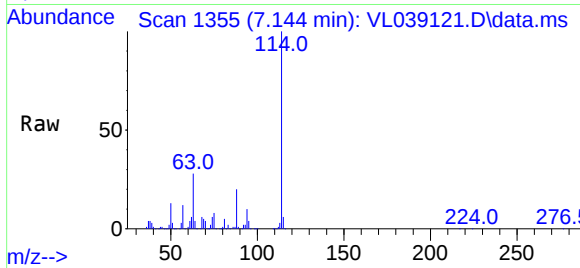
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 57      | 100   |       |        |
| 41      | 103.0 | 75.2  | 112.8  |
| 43      | 74.5  | 190.8 | 286.2# |
| 56      | 0.0   | 43.0  | 64.6#  |





#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.144 min Scan# 114  
Delta R.T. -0.029 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22

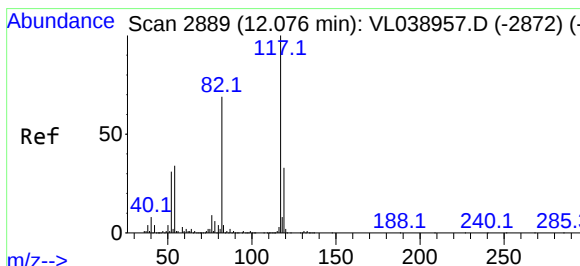
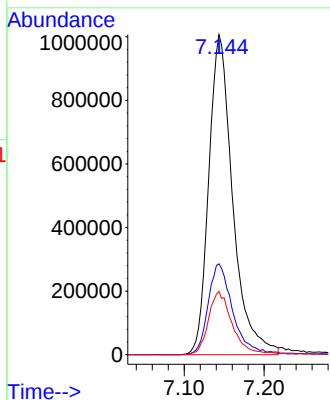
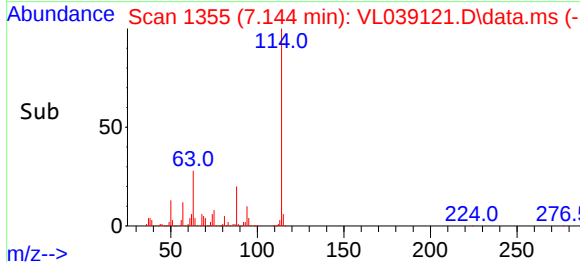
Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL



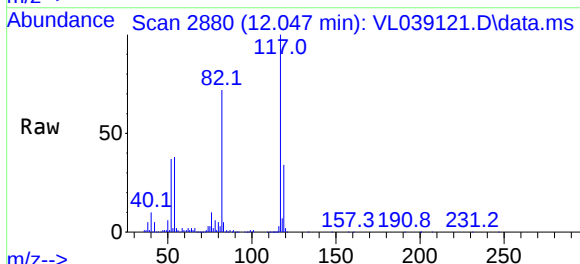
Tgt Ion:114 Resp: 209598  
Ion Ratio Lower Upper  
114 100  
63 29.9 22.6 33.8  
88 19.8 15.4 23.0

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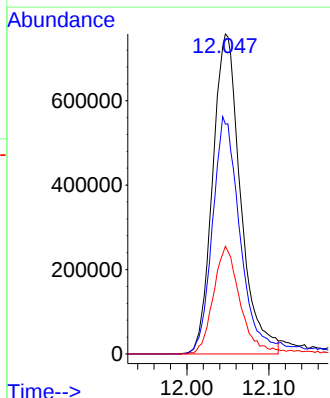
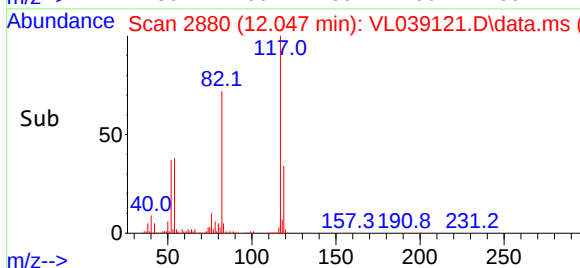
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Supervised By :Mahesh Dadoda 05/27/2022

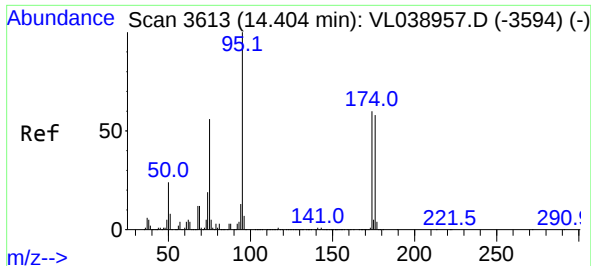


#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.047 min Scan# 2880  
Delta R.T. -0.029 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22



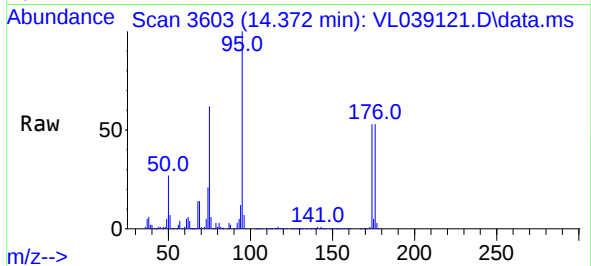
Tgt Ion:117 Resp: 1791690  
Ion Ratio Lower Upper  
117 100  
82 77.9 57.0 85.6  
119 33.4 27.2 40.8





#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.714 ppbv  
RT: 14.372 min Scan# 30  
Delta R.T. -0.032 min  
Lab File: VL039121.D  
Acq: 25 May 2022 17:22

Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL



Tgt Ion: 95 Resp: 1520250  
Ion Ratio Lower Upper  
95 100  
174 57.1 50.8 76.2  
175 4.3 3.8 5.6

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