

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL052522\  
 Data File : VL039120.D  
 Acq On : 25 May 2022 16:44  
 Operator : SY/AP  
 Sample : N2956-01DL 10X  
 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 07:59:27 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL050522AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LThu May 26 07:59:27 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    | 977927   | 10.000   | ppbv   | -0.03    |
| 33) 1,4-Difluorobenzene     | 7.143  | 114   | 2179666  | 10.000   | ppbv   | -0.03    |
| 55) Chlorobenzene-d5        | 12.047 | 117   | 1872763  | 10.000   | ppbv   | -0.03    |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.378 | 95    | 1559988  | 10.518   | ppbv   | -0.03    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 105.200% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 9) Propene                  | 3.012  | 41    | 144743   | 2.731    | ppbv # | 61       |
| 13) Ethanol                 | 3.597  | 45    | 32662m   | 8.709    | ppbv   |          |
| 15) Acetone                 | 3.841  | 43    | 70900    | 0.769    | ppbv # | 88       |
| 20) Methylene Chloride      | 4.324  | 84    | 187438   | 5.391    | ppbv   | 93       |
| 26) Hexane                  | 5.661  | 57    | 230454   | 2.349    | ppbv # | 37       |
| 59) m/p-Xylene              | 12.925 | 91    | 80003m   | 0.348    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

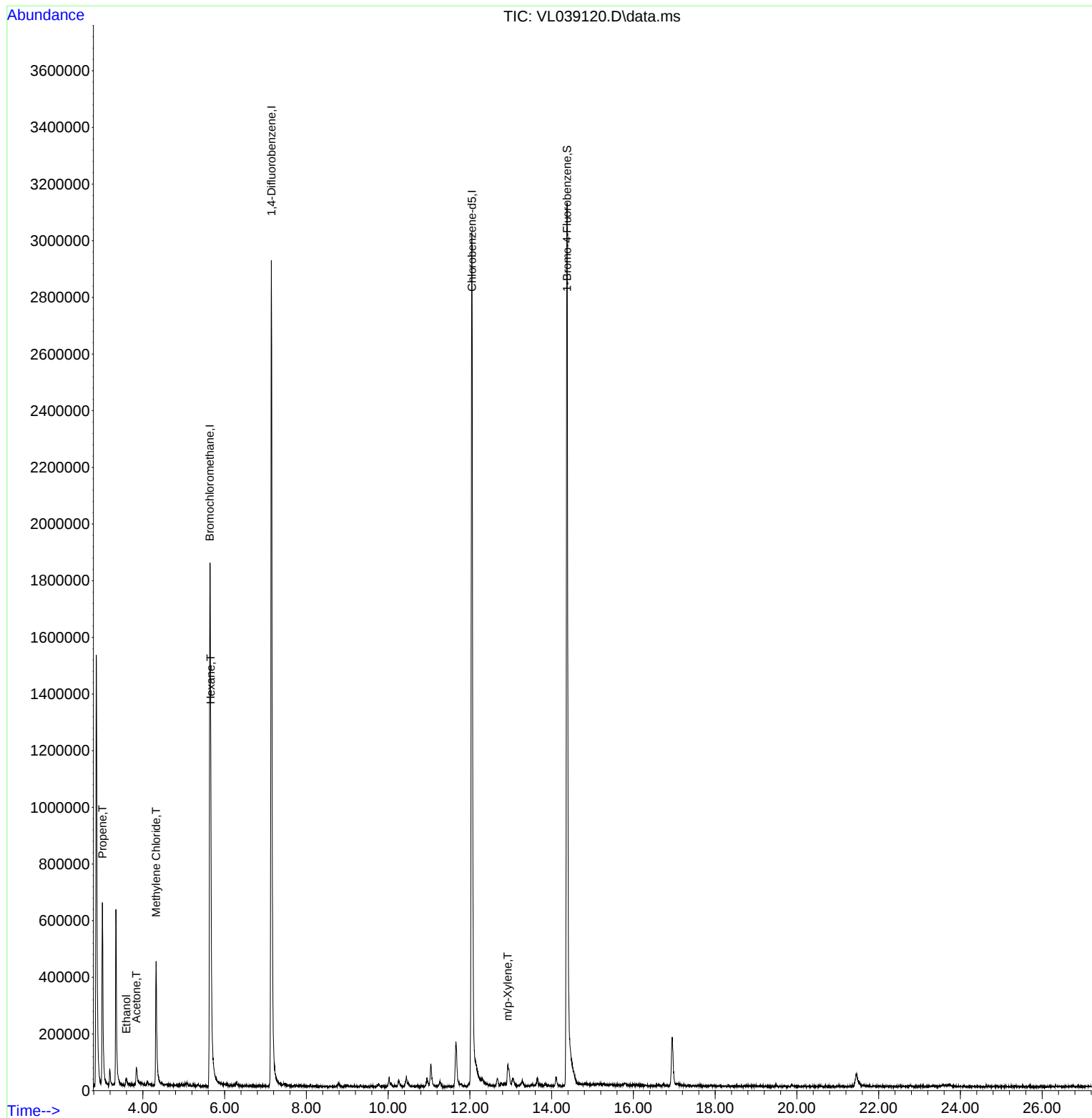
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL052522\  
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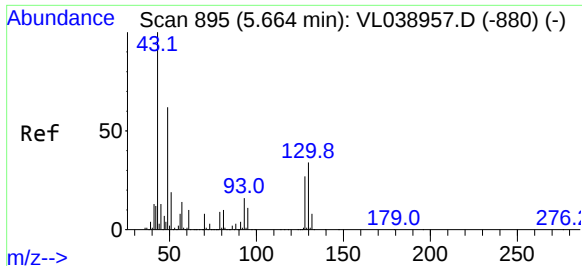
Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL

Quant Time: May 26 07:59:27 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

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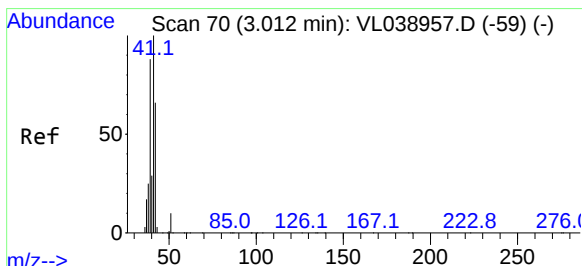
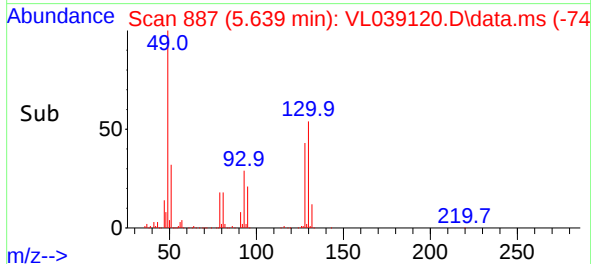
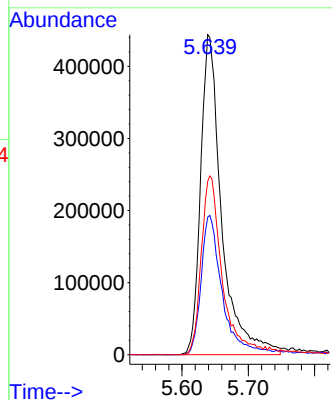
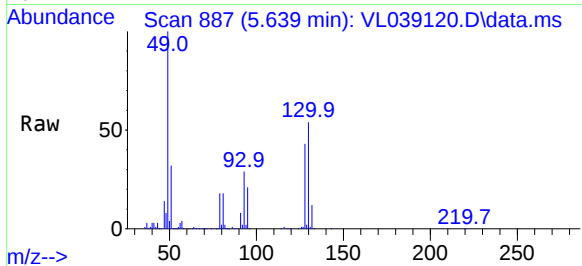
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Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.639 min Scan# 81  
Delta R.T. -0.026 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44

Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL

Tgt Ion: 49 Resp: 97792  
Ion Ratio Lower Upper  
49 100  
128 45.5 23.3 69.8  
130 58.2 29.8 89.3

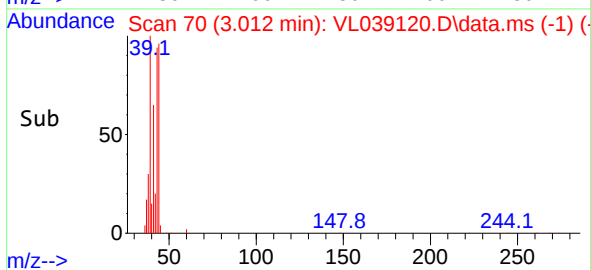
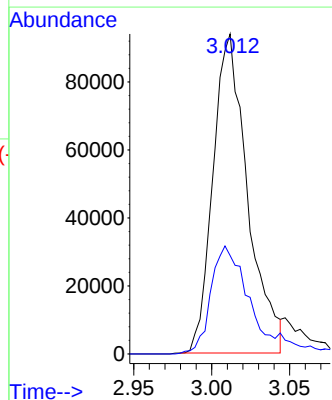
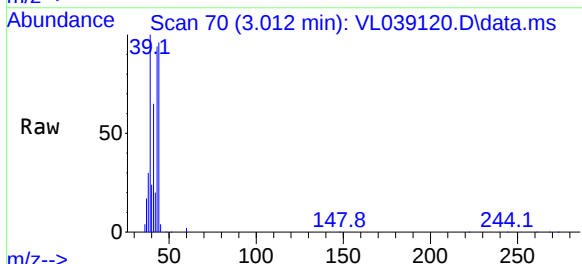
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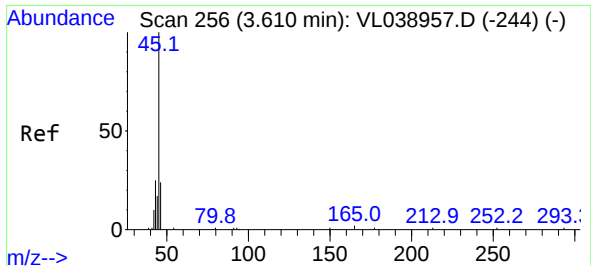
Reviewed By :Semsettin Yesilyurt 05/27/2022  
Supervised By :Mahesh Dadoda 05/27/2022



#9  
Propene  
Concen: 2.731 ppbv  
RT: 3.012 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44

Tgt Ion: 41 Resp: 144743  
Ion Ratio Lower Upper  
41 100  
42 39.9 58.3 87.5#





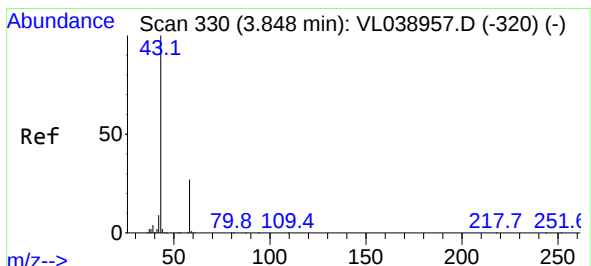
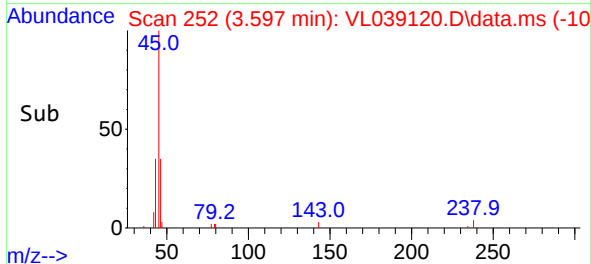
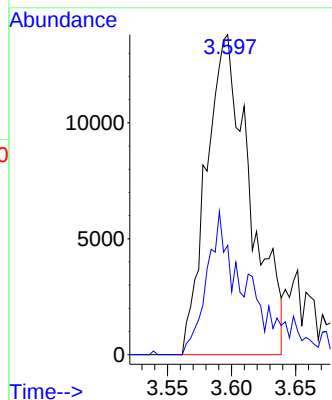
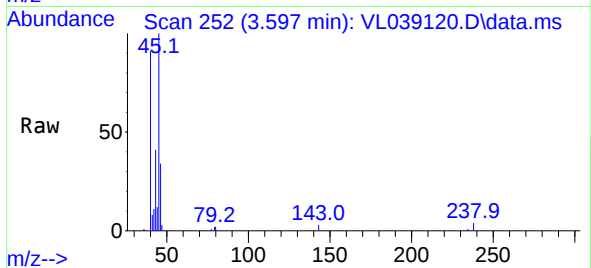
#13  
Ethanol  
Concen: 8.709 ppbv m  
RT: 3.597 min Scan# 21  
Delta R.T. -0.013 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44

Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL

Tgt Ion: 45 Resp: 3266  
Ion Ratio Lower Upper  
45 100  
46 42.3 18.0 72.2

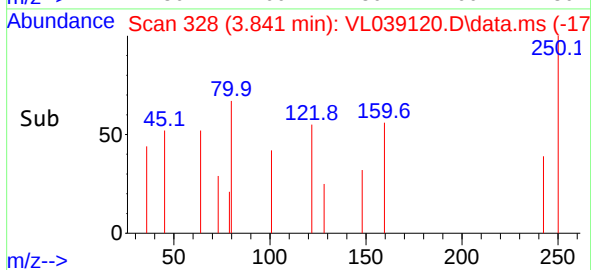
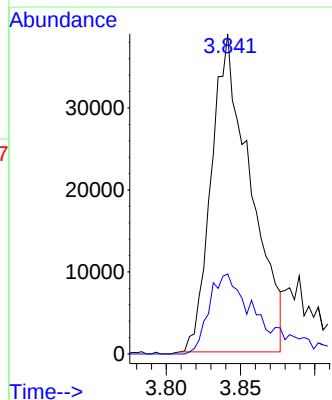
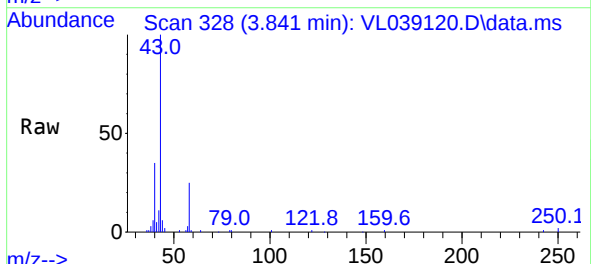
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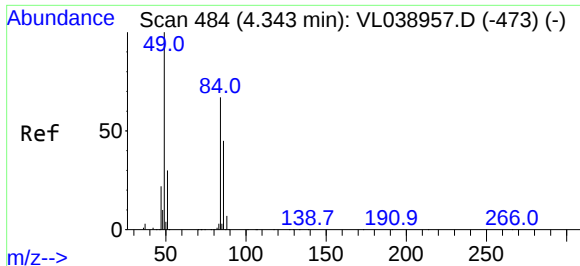
Reviewed By :Semsettin Yesilyurt 05/27/2022  
Supervised By :Mahesh Dadoda 05/27/2022



#15  
Acetone  
Concen: 0.769 ppbv  
RT: 3.841 min Scan# 328  
Delta R.T. -0.006 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44

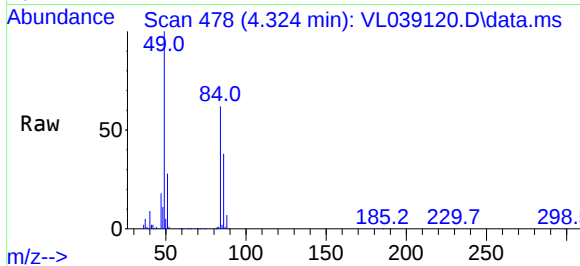
Tgt Ion: 43 Resp: 70900  
Ion Ratio Lower Upper  
43 100  
58 32.7 21.3 31.9#





#20  
Methylene Chloride  
Concen: 5.391 ppbv  
RT: 4.324 min Scan# 41  
Delta R.T. -0.019 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44

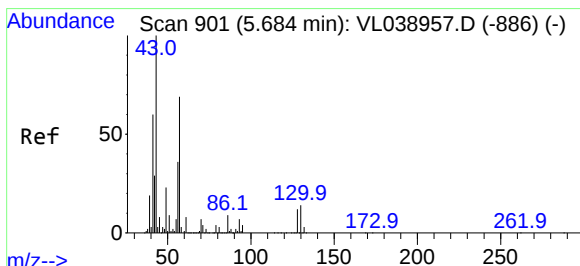
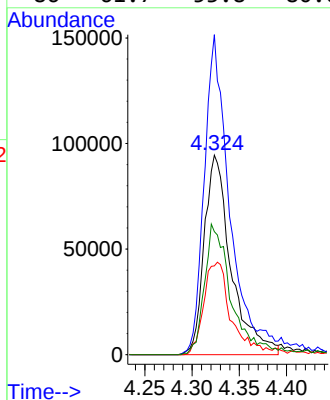
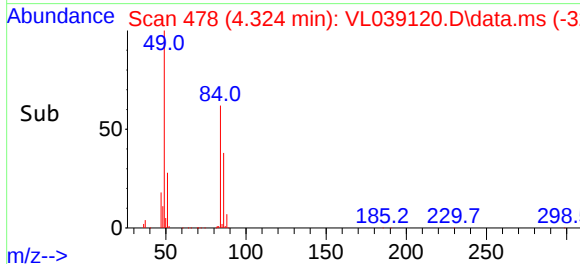
Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL



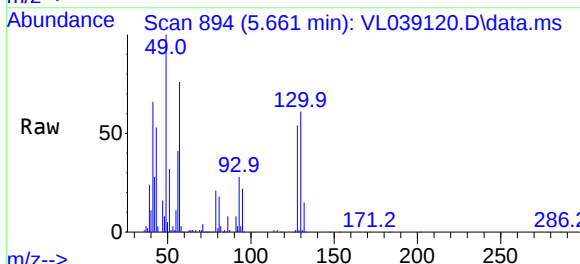
Tgt Ion: 84 Resp: 187438  
Ion Ratio Lower Upper  
84 100  
49 160.4 119.9 179.9  
51 44.5 35.7 53.5  
86 61.7 53.8 80.6

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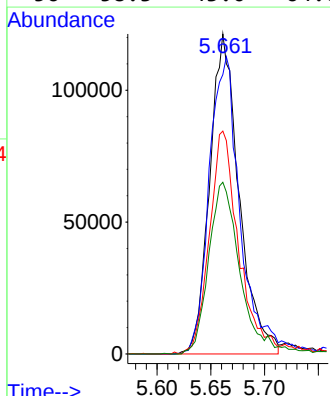
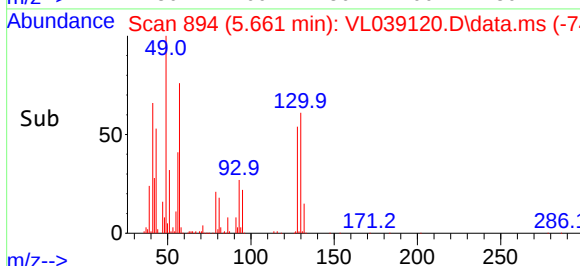
Reviewed By :Semsettin Yesilyurt 05/27/2022  
Supervised By :Mahesh Dadoda 05/27/2022

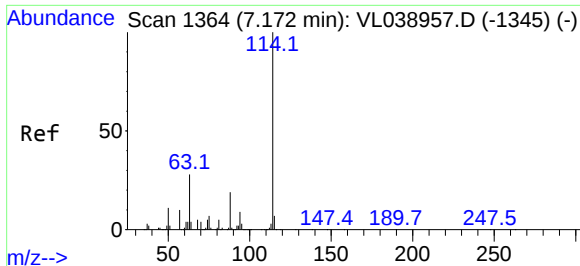


#26  
Hexane  
Concen: 2.349 ppbv  
RT: 5.661 min Scan# 894  
Delta R.T. -0.023 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44



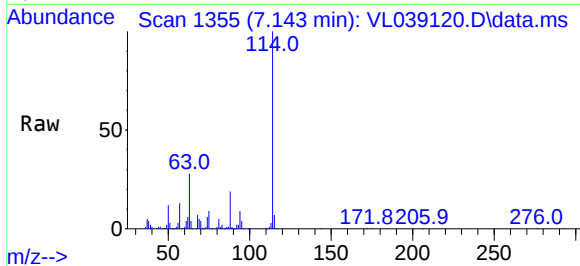
Tgt Ion: 57 Resp: 230454  
Ion Ratio Lower Upper  
57 100  
41 99.2 75.2 112.8  
43 72.0 190.8 286.2#  
56 58.3 43.0 64.6





#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.143 min Scan# 114  
Delta R.T. -0.029 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44

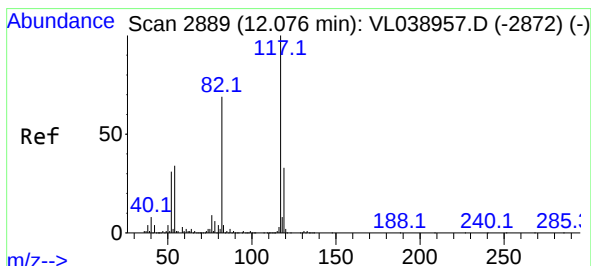
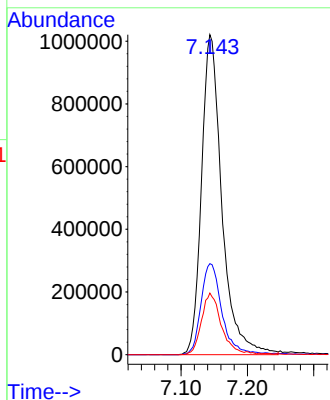
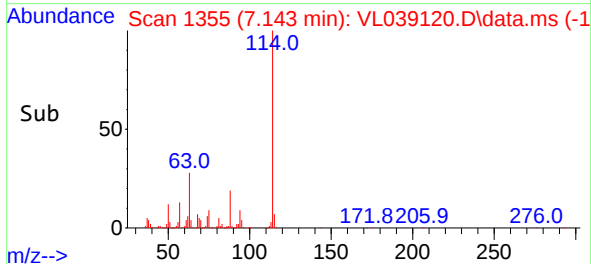
Instrument :  
MSVOA\_L  
ClientSampleId :  
AP-1DL



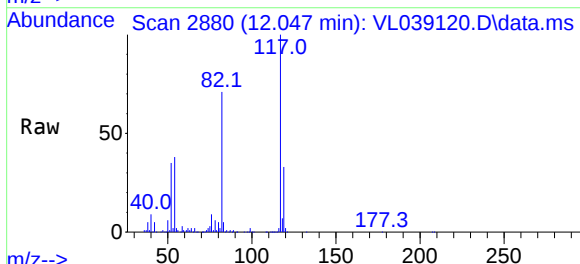
Tgt Ion:114 Resp: 2179660  
Ion Ratio Lower Upper  
114 100  
63 29.7 22.6 33.8  
88 19.1 15.4 23.0

Manual Integrations  
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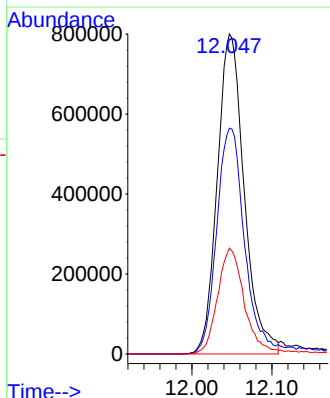
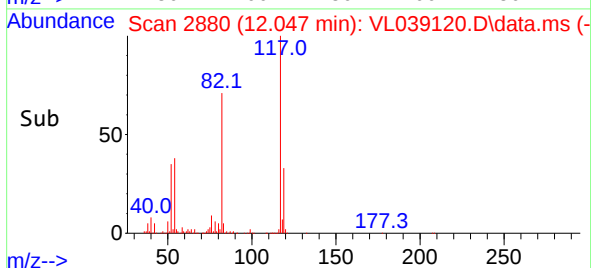
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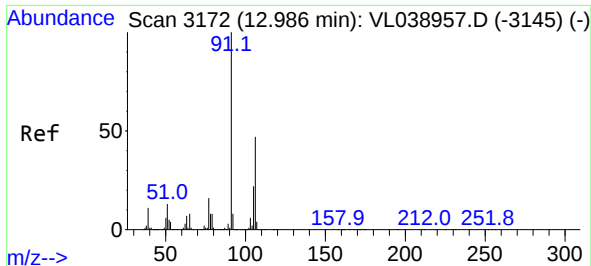


#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.047 min Scan# 2880  
Delta R.T. -0.029 min  
Lab File: VL039120.D  
Acq: 25 May 2022 16:44



Tgt Ion:117 Resp: 1872763  
Ion Ratio Lower Upper  
117 100  
82 75.2 57.0 85.6  
119 34.1 27.2 40.8





#59

m/p-Xylene

Concen: 0.348 ppbv m

RT: 12.925 min Scan# 31

Delta R.T. -0.061 min

Lab File: VL039120.D

Acq: 25 May 2022 16:44

Instrument :

MSVOA\_L

ClientSampleId :

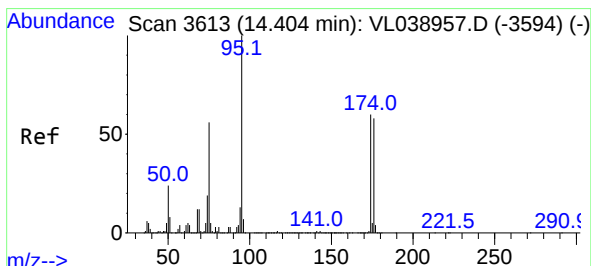
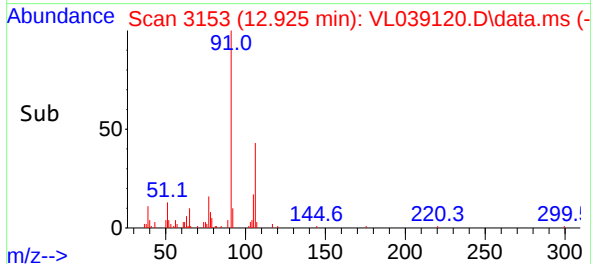
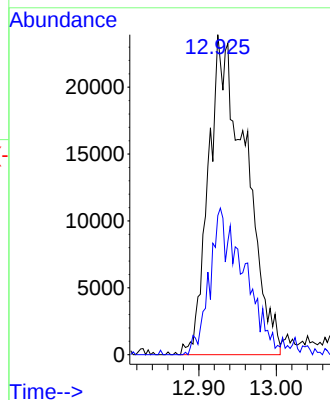
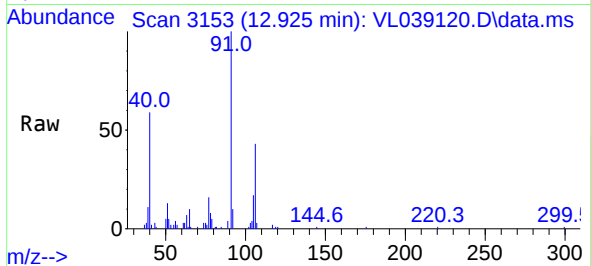
AP-1DL

Tgt Ion: 91 Resp: 8000  
 Ion Ratio Lower Upper  
 91 100  
 106 0.0 34.6 52.0

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.518 ppbv

RT: 14.378 min Scan# 3605

Delta R.T. -0.026 min

Lab File: VL039120.D

Acq: 25 May 2022 16:44

Tgt Ion: 95 Resp: 1559988  
 Ion Ratio Lower Upper  
 95 100  
 174 62.1 50.8 76.2  
 175 4.5 3.8 5.6

