

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW083123\  
 Data File : VW026973.D  
 Acq On : 31 Aug 2023 13:27  
 Operator : SY/MD  
 Sample : 04235-10  
 Misc : 6.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYK1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2023  
 Supervised By :Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 00:47:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 01 00:44:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 63049    | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 47434    | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 15345    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.356  | 65    | 14784    | 14.264   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.040%  |
| 7) Chloroethane-d5            | 2.887  | 69    | 15521m   | 20.139   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 5927     | 11.627   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 46.520%  |
| 21) 2-Butanone-d5             | 7.093  | 46    | 13740m   | 46.123   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.240%  |
| 24) Chloroform-d              | 7.648  | 84    | 38241    | 18.071   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 72.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.312  | 65    | 23153m   | 19.827   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 79.320%  |
| 32) Benzene-d6                | 8.276  | 84    | 68112    | 20.835   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 83.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 24835    | 24.389   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 97.560%  |
| 41) Toluene-d8                | 10.324 | 98    | 70719    | 25.201   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 100.800% |
| 43) trans-1,3-Dichloroprop... | 10.580 | 79    | 6269     | 14.911   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 59.640%  |
| 47) 2-Hexanone-d5             | 10.928 | 63    | 5434     | 50.785   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.580% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 19781    | 24.598   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 9972     | 18.156   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 72.640%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.130  | 43    | 14948    | 50.466   | ug/L   | 93       |
| 14) Carbon disulfide          | 4.392  | 76    | 28099    | 8.381    | ug/L # | 94       |
| 16) Methylene chloride        | 4.923  | 84    | 6333     | 5.193    | ug/L   | 88       |
| 22) 2-Butanone                | 7.178  | 43    | 5698m    | 13.054   | ug/L   |          |
| 29) Cyclohexane               | 7.965  | 56    | 9557m    | 6.515    | ug/L   |          |
| 33) Benzene                   | 8.331  | 78    | 24514    | 7.097    | ug/L   | 100      |
| 35) Methylcyclohexane         | 9.337  | 83    | 62327    | 41.412   | ug/L   | 96       |
| 42) Toluene                   | 10.385 | 91    | 8622     | 2.467    | ug/L   | 78       |
| 52) Ethylbenzene              | 11.733 | 91    | 26739    | 6.824    | ug/L   | 98       |
| 53) m,p-Xylene                | 11.836 | 106   | 96078    | 66.184   | ug/L   | 86       |
| 54) o-Xylene                  | 12.165 | 106   | 29952    | 22.107   | ug/L   | 94       |
| 60) Isopropylbenzene          | 12.464 | 105   | 128625   | 56.379   | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105   | 15183    | 8.420    | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.244 | 105   | 35017    | 19.816   | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

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

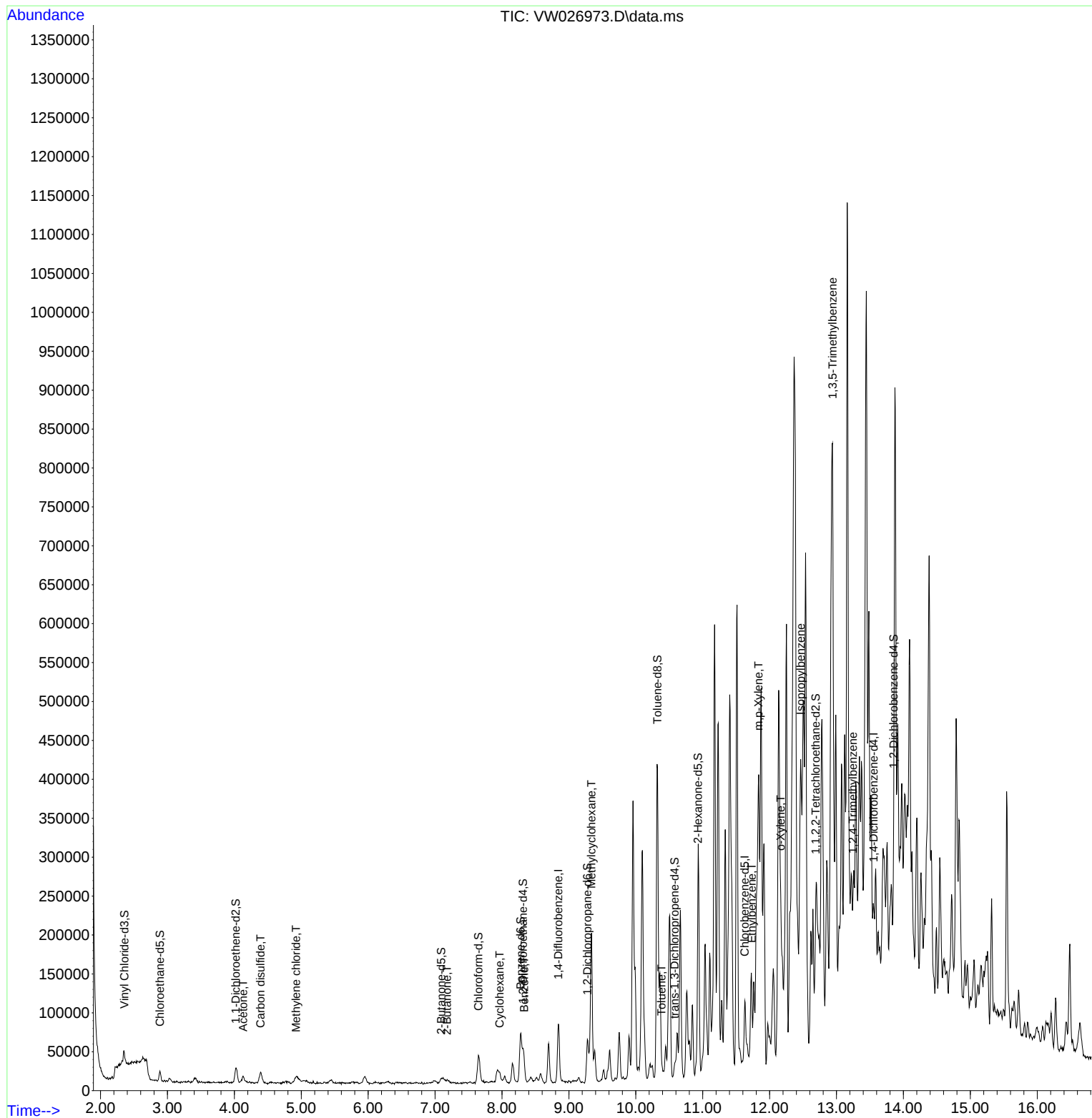
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Data File : VW026973.D  
Acq On : 31 Aug 2023 13:27  
Operator : SY/MD  
Sample : 04235-10  
Misc : 6.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

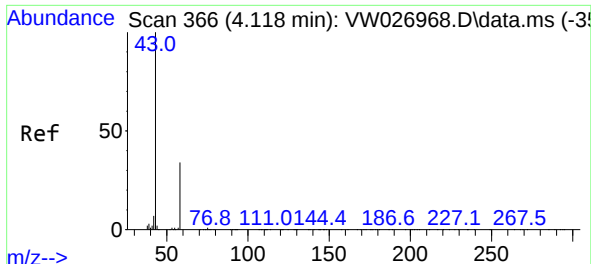
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYK1

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 09/01/2023  
Supervised By :Mahesh Dadoda 09/05/2023

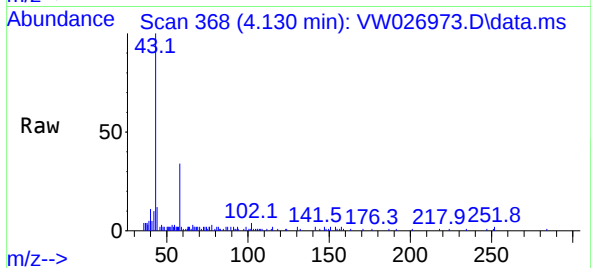
Quant Time: Sep 01 00:47:18 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Sep 01 00:44:05 2023  
Response via : Initial Calibration





#13  
Acetone  
Concen: 50.466 ug/L  
RT: 4.130 min Scan# 368  
Delta R.T. 0.012 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

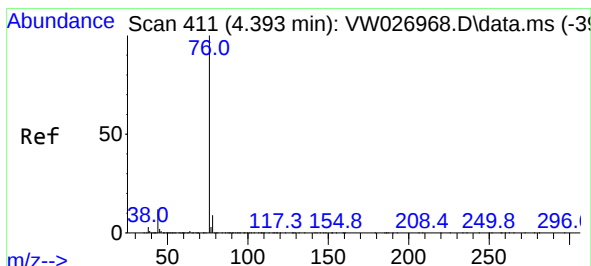
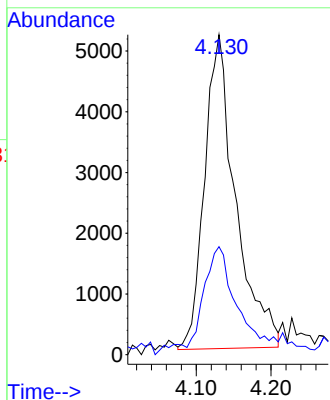
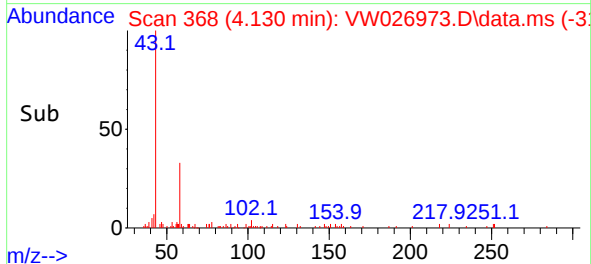
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYK1



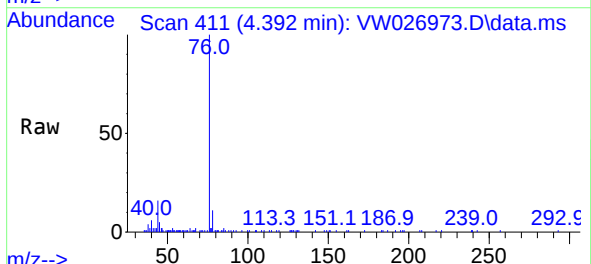
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Ion Ratio Lower Upper  
43 100  
58 32.6 0.0 57.4

Manual Integrations  
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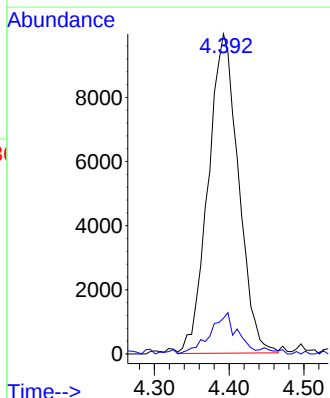
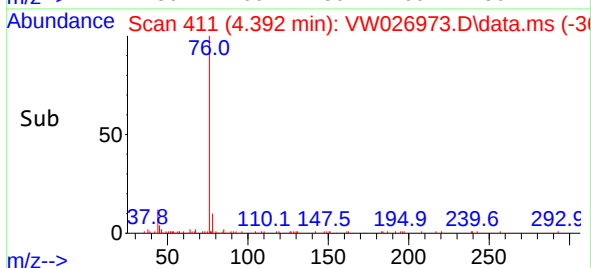
Reviewed By :Semsettin Yesilyurt 09/01/2023  
Supervised By :Mahesh Dadoda 09/05/2023

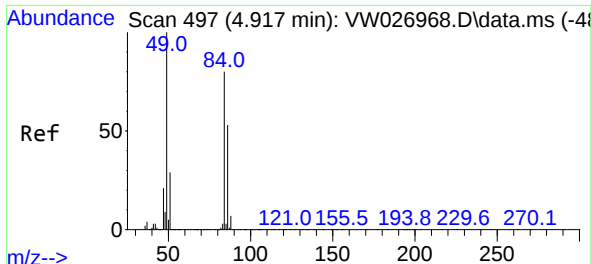


#14  
Carbon disulfide  
Concen: 8.381 ug/L  
RT: 4.392 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27



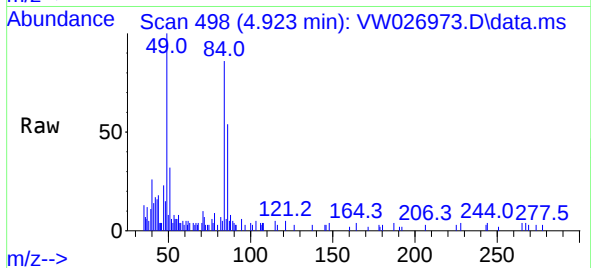
Tgt Ion: 76 Resp: 28099  
Ion Ratio Lower Upper  
76 100  
78 11.2 7.1 10.7#





#16  
Methylene chloride  
Concen: 5.193 ug/L  
RT: 4.923 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

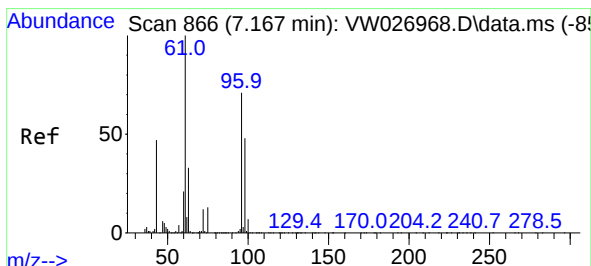
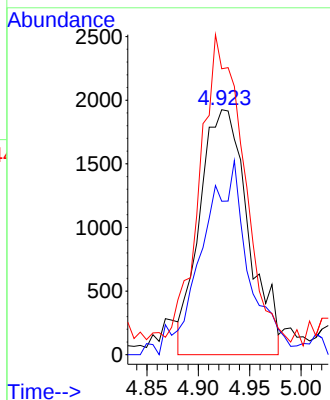
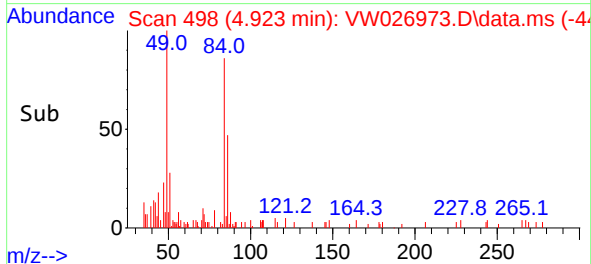
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYK1



Tgt Ion: 84 Resp: 633  
Ion Ratio Lower Upper  
84 100  
86 62.6 43.5 80.9  
49 116.7 96.0 178.2

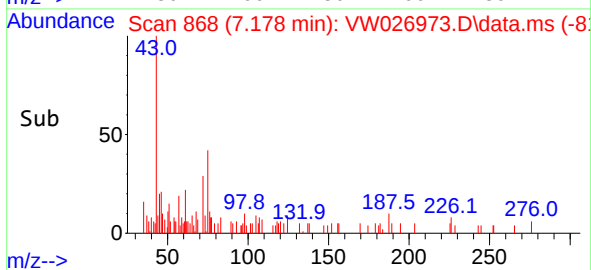
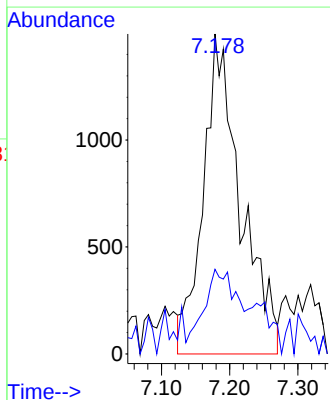
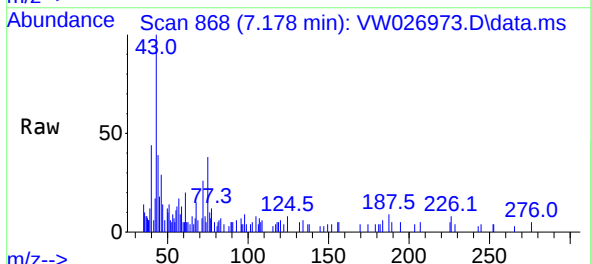
Manual Integrations  
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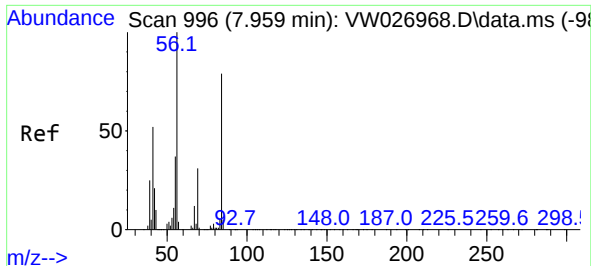
Reviewed By :Semsettin Yesilyurt 09/01/2023  
Supervised By :Mahesh Dadoda 09/05/2023



#22  
2-Butanone  
Concen: 13.054 ug/L m  
RT: 7.178 min Scan# 868  
Delta R.T. 0.012 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Tgt Ion: 43 Resp: 5698  
Ion Ratio Lower Upper  
43 100  
72 11.3 11.8 35.4#





#29

Cyclohexane

Concen: 6.515 ug/L m

RT: 7.965 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW026973.D

Acq: 31 Aug 2023 13:27

Instrument :

MSVOA\_W

ClientSampleId :

EZYK1

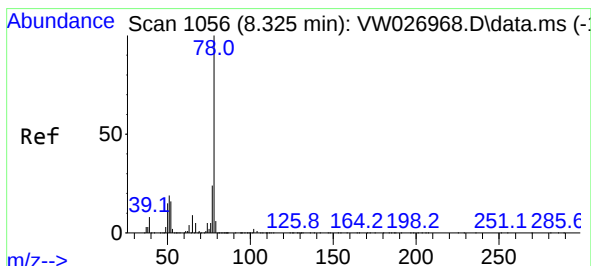
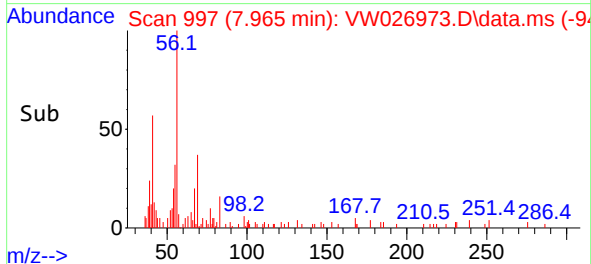
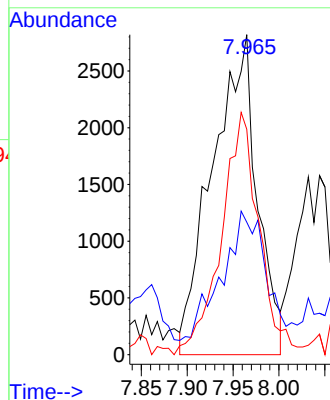
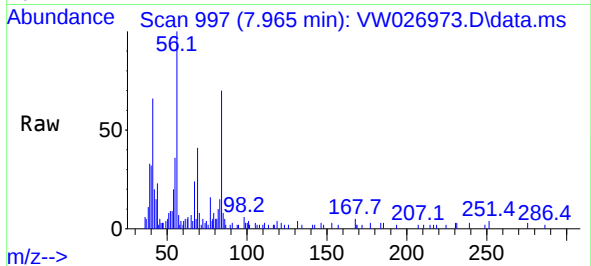
|             |                |
|-------------|----------------|
| Tgt Ion: 56 | Resp: 955      |
| Ion Ratio   | Lower Upper    |
| 56          | 100            |
| 69          | 14.4 23.2 34.8 |
| 84          | 62.0 62.7 94.1 |

Manual Integrations

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#33

Benzene

Concen: 7.097 ug/L

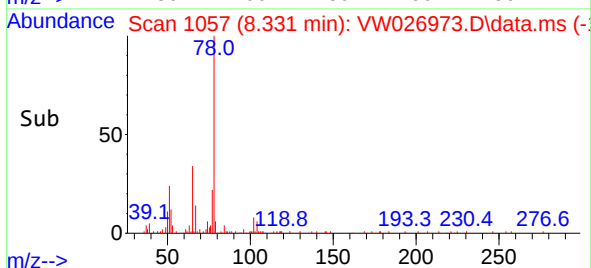
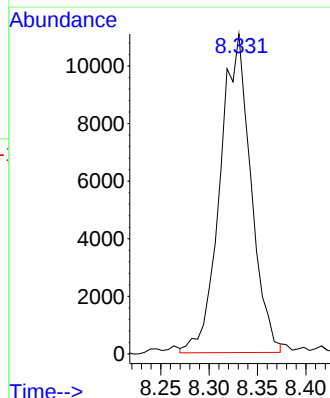
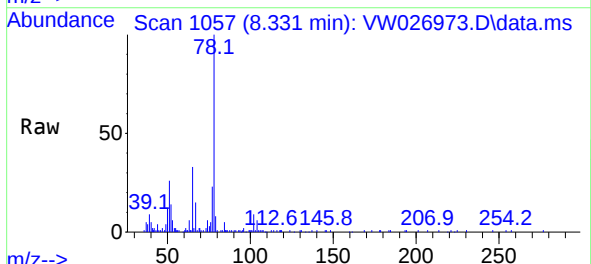
RT: 8.331 min Scan# 1057

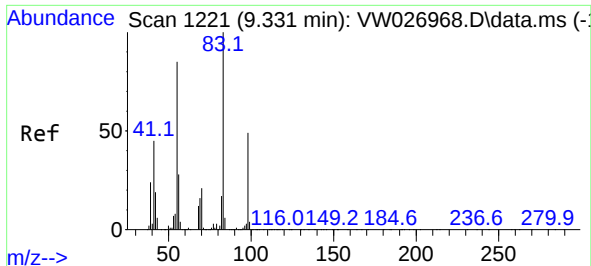
Delta R.T. 0.006 min

Lab File: VW026973.D

Acq: 31 Aug 2023 13:27

Tgt Ion: 78 Resp: 24514





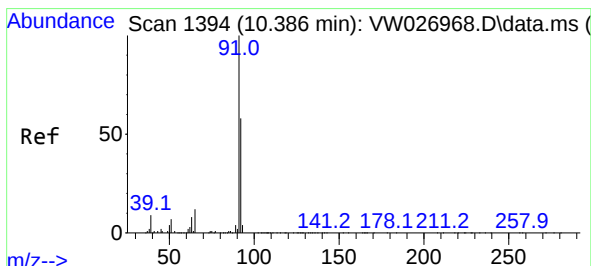
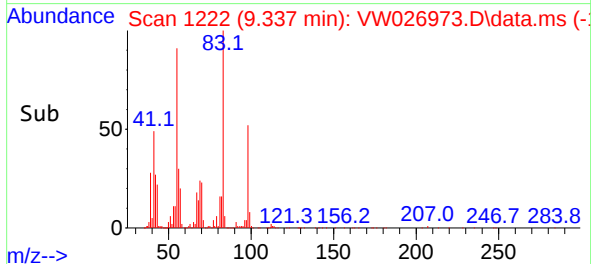
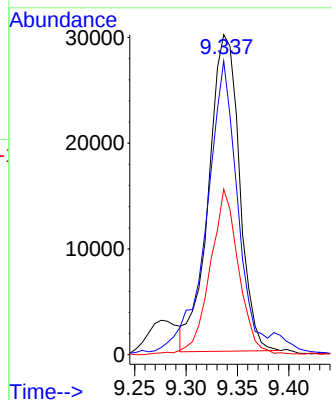
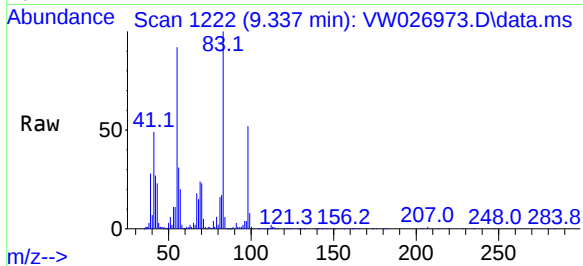
#35  
Methylcyclohexane  
Concen: 41.412 ug/L  
RT: 9.337 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYK1

Tgt Ion: 83 Resp: 6232  
Ion Ratio Lower Upper  
83 100  
55 91.4 69.3 103.9  
98 48.2 37.4 56.0

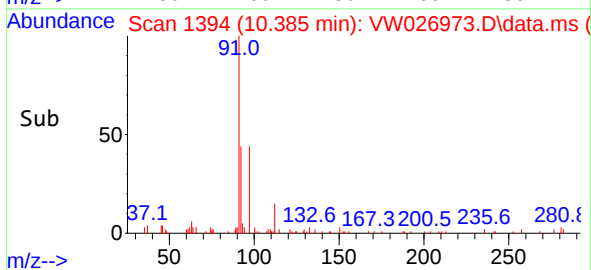
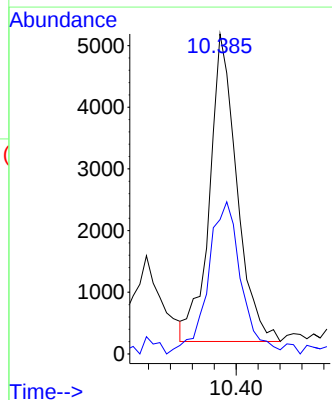
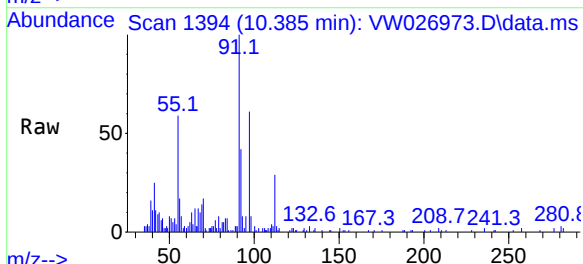
Manual Integrations  
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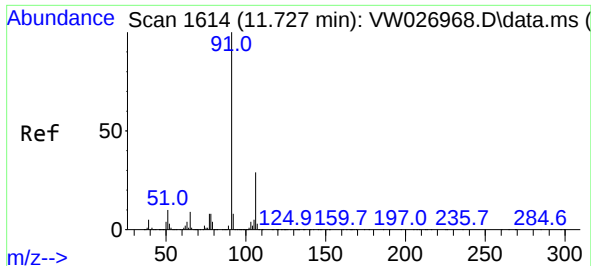
Reviewed By :Semsettin Yesilyurt 09/01/2023  
Supervised By :Mahesh Dadoda 09/05/2023



#42  
Toluene  
Concen: 2.467 ug/L  
RT: 10.385 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Tgt Ion: 91 Resp: 8622  
Ion Ratio Lower Upper  
91 100  
92 42.0 40.8 75.8





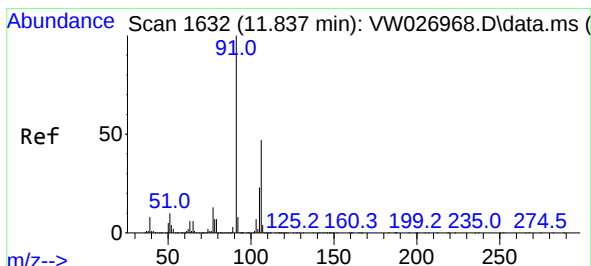
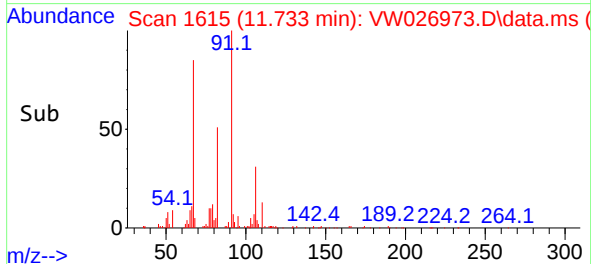
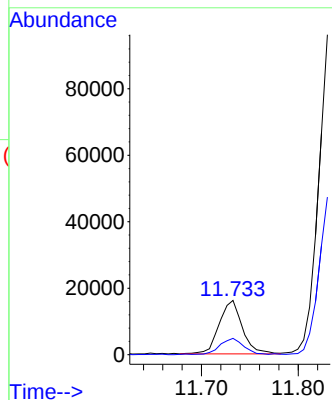
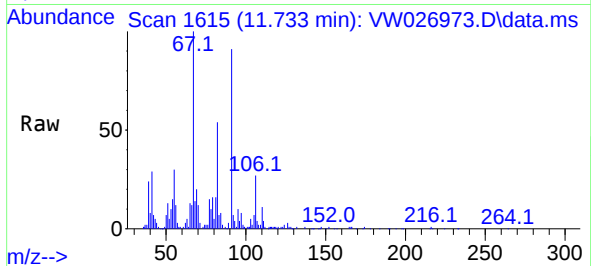
#52  
Ethylbenzene  
Concen: 6.824 ug/L  
RT: 11.733 min Scan# 1615  
Delta R.T. 0.006 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYK1

Tgt Ion: 91 Resp: 26739  
Ion Ratio Lower Upper  
91 100  
106 30.2 20.2 37.6

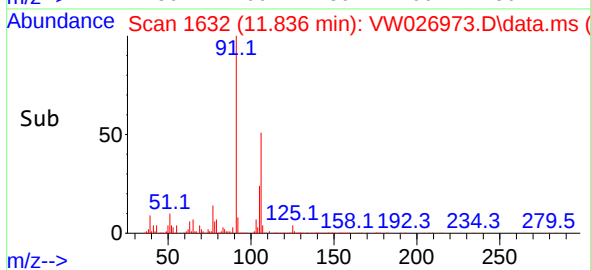
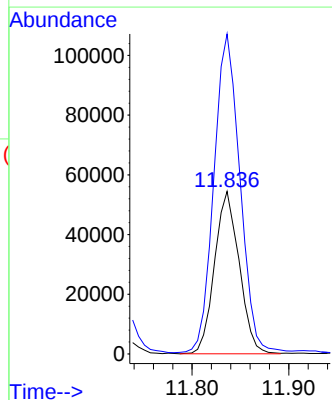
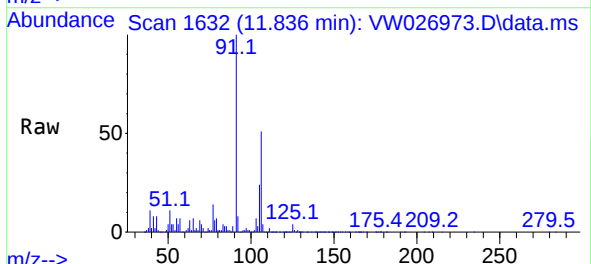
Manual Integrations  
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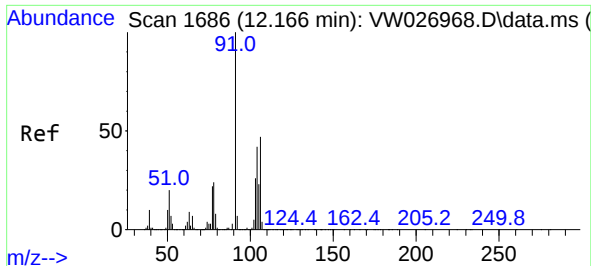
Reviewed By :Semsettin Yesilyurt 09/01/2023  
Supervised By :Mahesh Dadoda 09/05/2023



#53  
m,p-Xylene  
Concen: 66.184 ug/L  
RT: 11.836 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Tgt Ion:106 Resp: 96078  
Ion Ratio Lower Upper  
106 100  
91 196.9 152.9 284.1





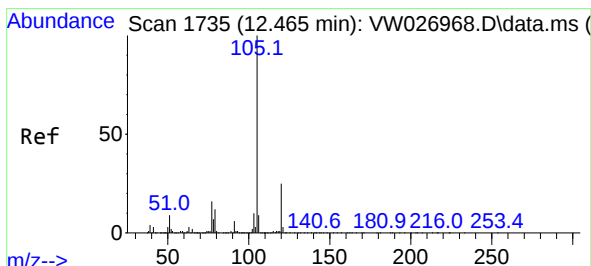
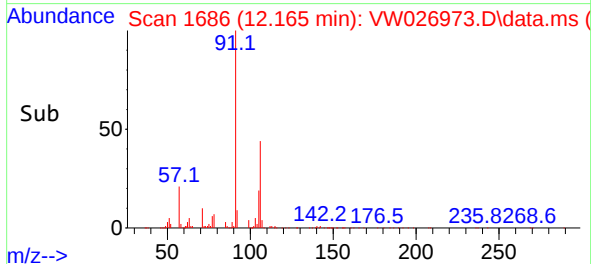
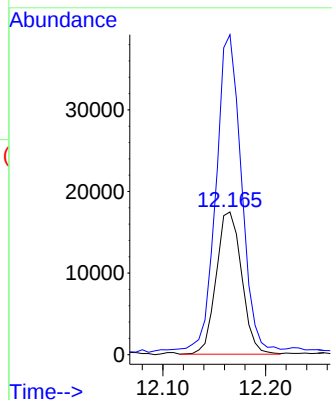
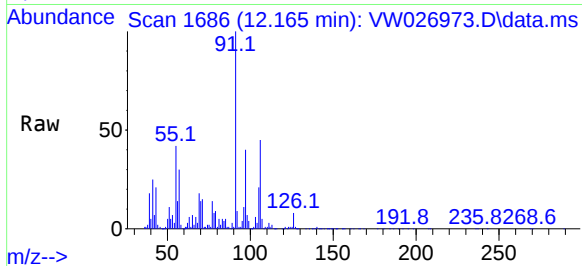
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o-Xylene  
Concen: 22.107 ug/L  
RT: 12.165 min Scan# 106  
Delta R.T. -0.000 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYK1

Tgt Ion:106 Resp: 29952  
Ion Ratio Lower Upper  
106 100  
91 224.1 149.9 278.3

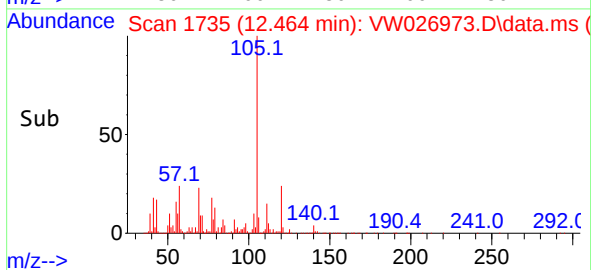
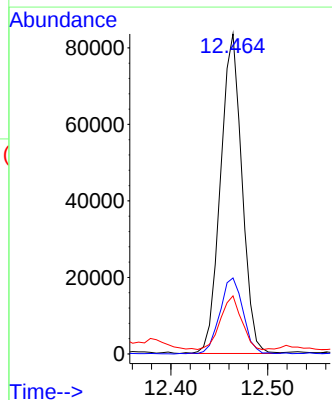
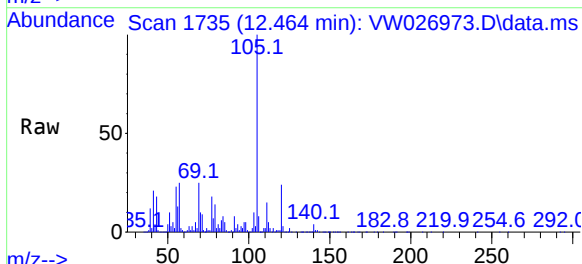
Manual Integrations  
APPROVED

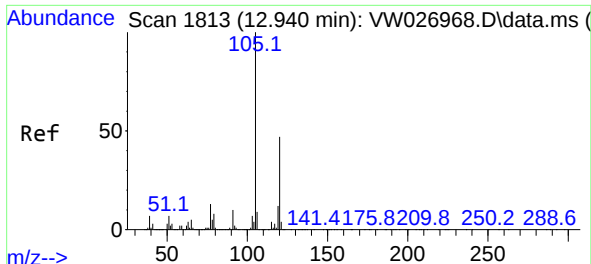
Reviewed By :Semsettin Yesilyurt 09/01/2023  
Supervised By :Mahesh Dadoda 09/05/2023



#60  
Isopropylbenzene  
Concen: 56.379 ug/L  
RT: 12.464 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Tgt Ion:105 Resp: 128625  
Ion Ratio Lower Upper  
105 100  
120 25.2 21.0 31.6  
77 16.5 13.4 20.2





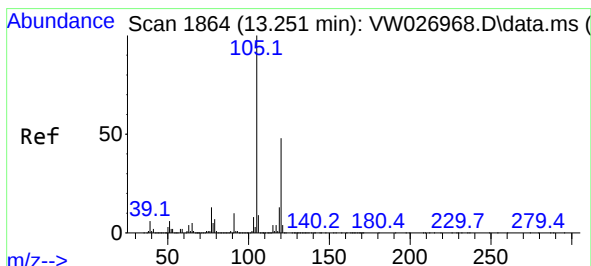
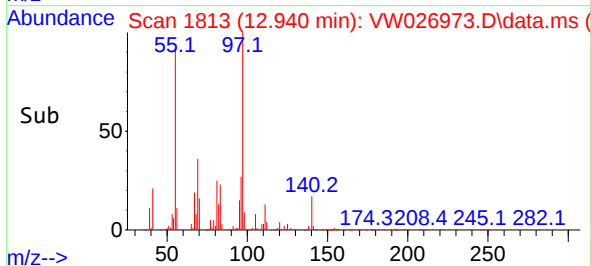
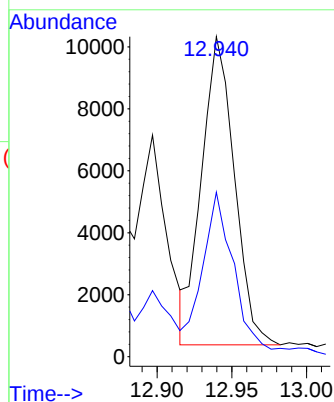
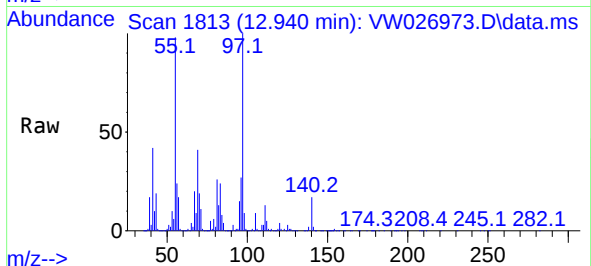
#62  
1,3,5-Trimethylbenzene  
Concen: 8.420 ug/L  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Instrument : MSVOA\_W  
ClientSampleId : EZYK1

Tgt Ion:105 Resp: 1518  
Ion Ratio Lower Upper  
105 100  
120 46.3 37.4 56.2

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2023  
Supervised By :Mahesh Dadoda 09/05/2023



#63  
1,2,4-Trimethylbenzene  
Concen: 19.816 ug/L  
RT: 13.244 min Scan# 1863  
Delta R.T. -0.007 min  
Lab File: VW026973.D  
Acq: 31 Aug 2023 13:27

Tgt Ion:105 Resp: 35017  
Ion Ratio Lower Upper  
105 100  
120 48.4 36.2 54.4

