

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082123\  
 Data File : VW026789.D  
 Acq On : 21 Aug 2023 14:04  
 Operator : SY/MD  
 Sample : 04037-13  
 Misc : 5.82g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYH2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023  
 Supervised By :Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 01:33:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Aug 22 01:31:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 862300     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 608847     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 149844     | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 193769     | 13.669    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 54.680%   |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 175617     | 16.661    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 66.640%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 112235     | 16.098    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 64.400%   |        |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 199282     | 48.913    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 97.820%   |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 555979     | 19.211    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 76.840%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 334634m    | 20.952    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 83.800%   |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 1141349    | 27.200    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 108.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 366831     | 28.065    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 112.280%  |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 825192     | 22.909    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 91.640%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 139555     | 25.860    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 103.440%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 107430     | 78.221    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 156.440%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 242939     | 23.536    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 94.160%   |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 120224     | 22.416    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.680%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.125          | 43   | 15183      | 3.748     | ug/L   | 97       |
| 14) Carbon disulfide          | 4.393          | 76   | 52293      | 1.140     | ug/L   | 98       |
| 16) Methylene chloride        | 4.923          | 84   | 40376      | 2.421     | ug/L   | 94       |
| 29) Cyclohexane               | 7.959          | 56   | 17454      | 0.927     | ug/L # | 89       |
| 35) Methylcyclohexane         | 9.337          | 83   | 44821      | 2.320     | ug/L # | 80       |
| 42) Toluene                   | 10.386         | 91   | 165852     | 3.698     | ug/L   | 98       |
| 52) Ethylbenzene              | 11.727         | 91   | 41517      | 0.825     | ug/L   | 95       |
| 53) m,p-Xylene                | 11.837         | 106  | 33184      | 1.781     | ug/L   | 81       |
| 54) o-Xylene                  | 12.166         | 106  | 13880      | 0.798     | ug/L   | 92       |
| 62) 1,3,5-Trimethylbenzene    | 12.940         | 105  | 17684      | 1.004     | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.251         | 105  | 35658      | 2.066     | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.129         | 180  | 5863       | 1.056     | ug/L # | 68       |
| -----                         |                |      |            |           |        |          |

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

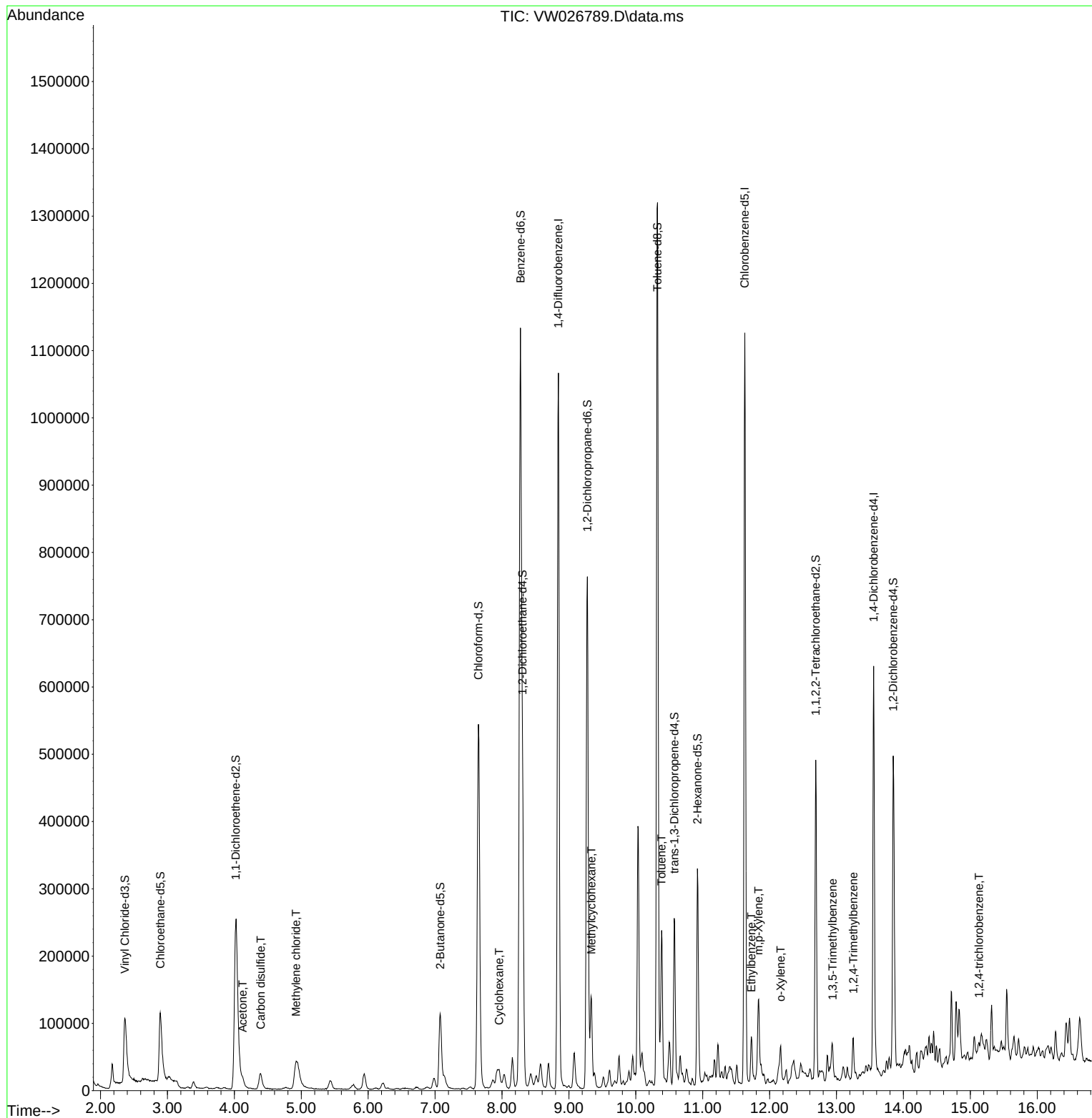
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082123\  
Data File : VW026789.D  
Acq On : 21 Aug 2023 14:04  
Operator : SY/MD  
Sample : 04037-13  
Misc : 5.82g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

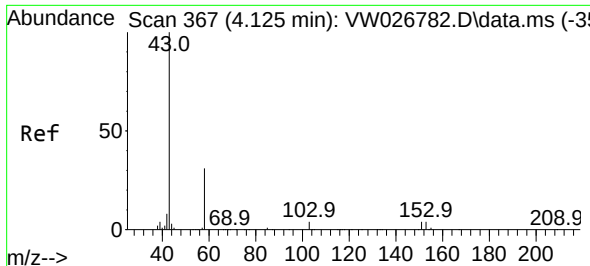
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYH2

Manual Integrations  
APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2023  
Supervised By : Mahesh Dadoda 08/22/2023

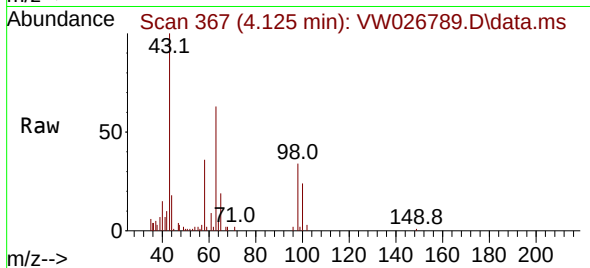
Quant Time: Aug 22 01:33:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Tue Aug 22 01:31:05 2023  
Response via : Initial Calibration





#13  
Acetone  
Concen: 3.748 ug/L  
RT: 4.125 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

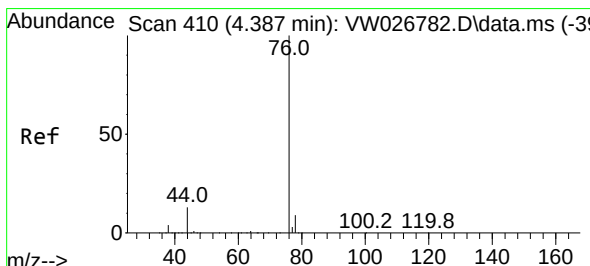
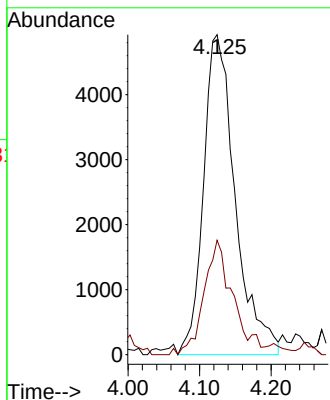
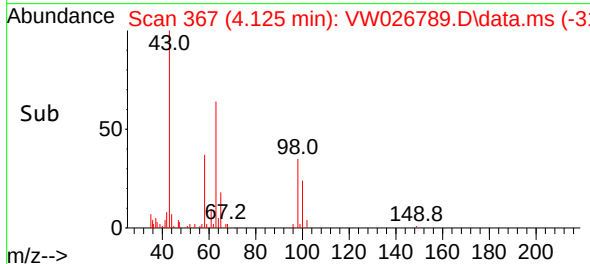
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYH2



Tgt Ion: 43 Resp: 1518  
Ion Ratio Lower Upper  
43 100  
58 30.3 0.0 57.4

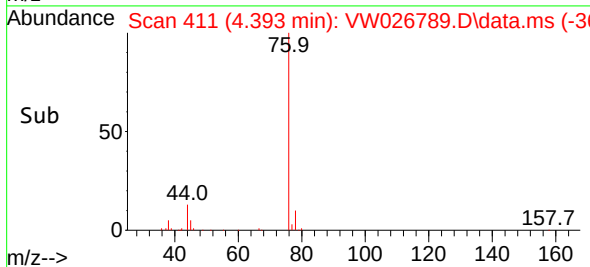
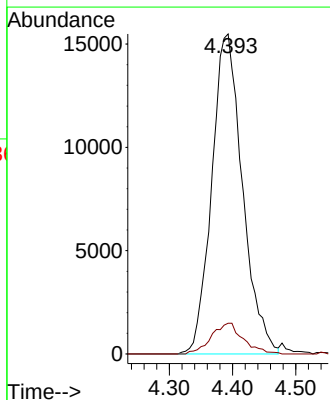
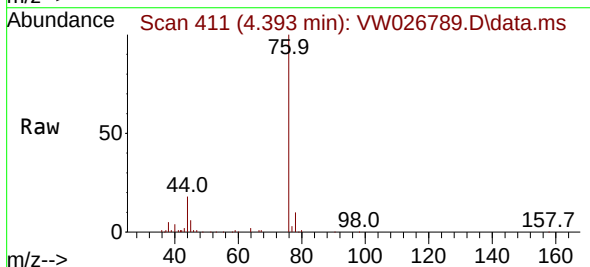
Manual Integrations  
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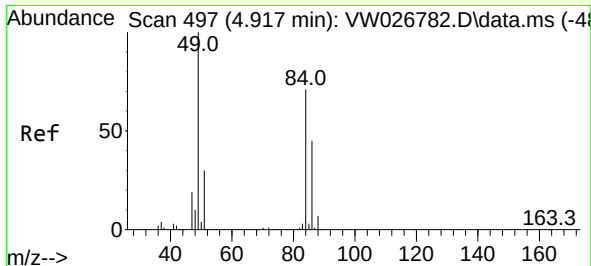
Reviewed By :Semsettin Yesilyurt 08/22/2023  
Supervised By :Mahesh Dadoda 08/22/2023



#14  
Carbon disulfide  
Concen: 1.140 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

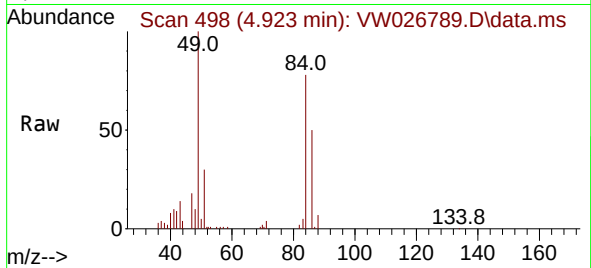
Tgt Ion: 76 Resp: 52293  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.1 10.7





#16  
Methylene chloride  
Concen: 2.421 ug/L  
RT: 4.923 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

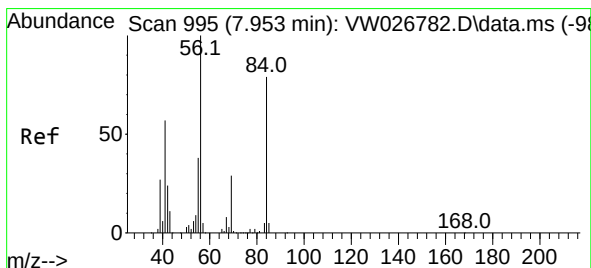
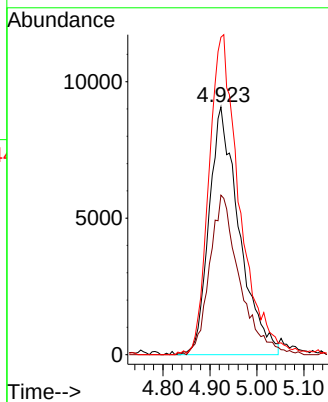
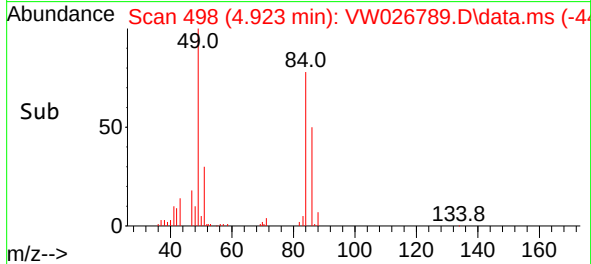
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYH2



Tgt Ion: 84 Resp: 40370  
Ion Ratio Lower Upper  
84 100  
86 64.4 43.5 80.9  
49 128.2 96.0 178.2

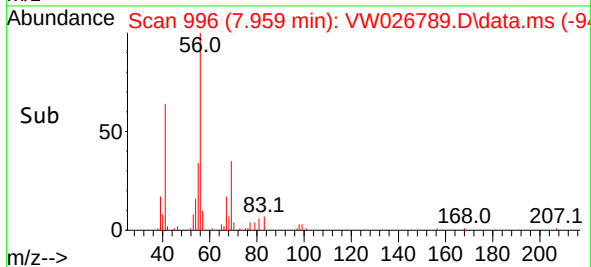
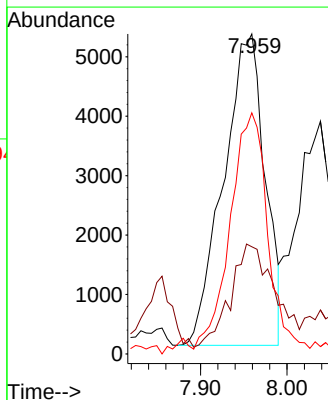
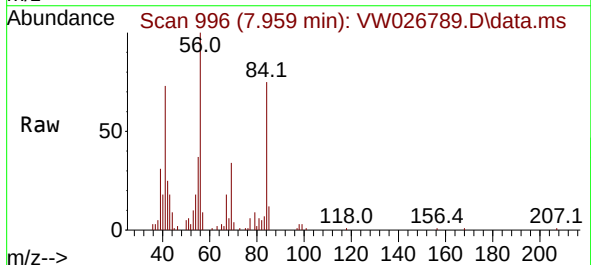
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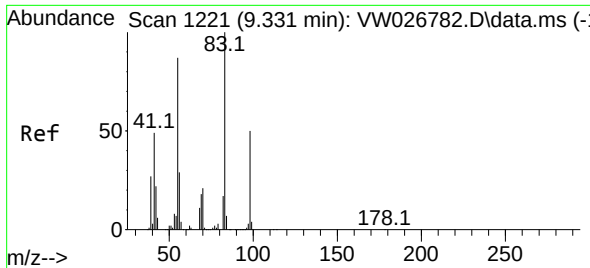
Reviewed By :Semsettin Yesilyurt 08/22/2023  
Supervised By :Mahesh Dadoda 08/22/2023



#29  
Cyclohexane  
Concen: 0.927 ug/L  
RT: 7.959 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

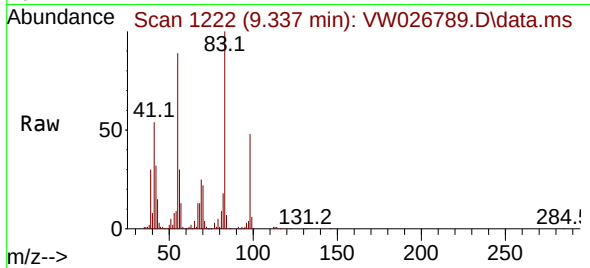
Tgt Ion: 56 Resp: 17454  
Ion Ratio Lower Upper  
56 100  
69 22.5 23.2 34.8#  
84 69.3 62.7 94.1





#35  
Methylcyclohexane  
Concen: 2.320 ug/L  
RT: 9.337 min Scan# 1221  
Delta R.T. 0.006 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

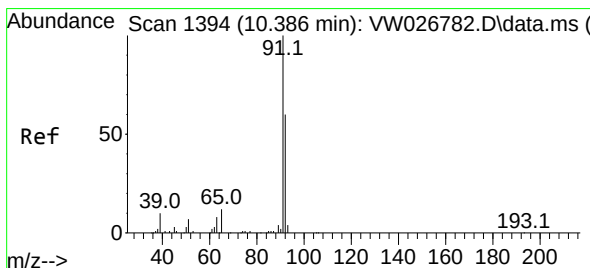
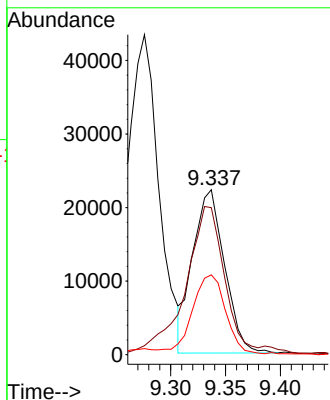
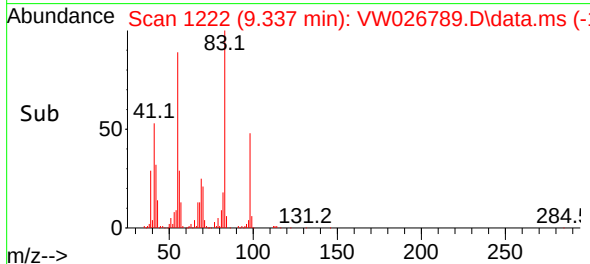
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYH2



Tgt Ion: 83 Resp: 4482  
Ion Ratio Lower Upper  
83 100  
55 111.9 69.3 103.9  
98 50.6 37.4 56.0

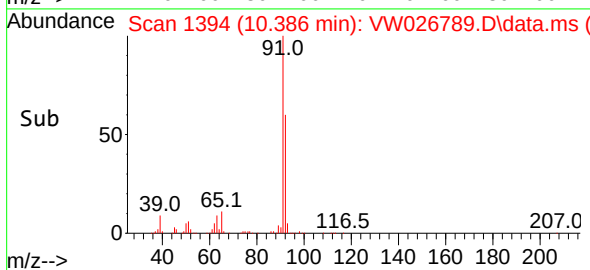
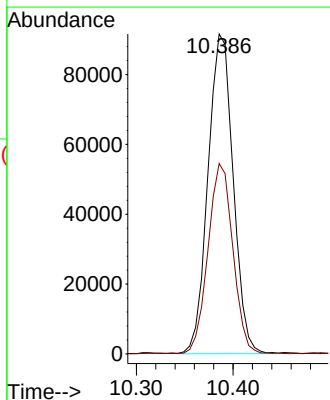
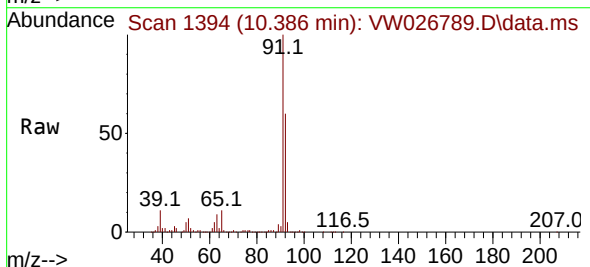
Manual Integrations  
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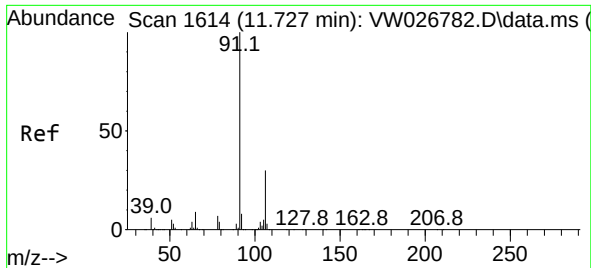
Reviewed By :Semsettin Yesilyurt 08/22/2023  
Supervised By :Mahesh Dadoda 08/22/2023



#42  
Toluene  
Concen: 3.698 ug/L  
RT: 10.386 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

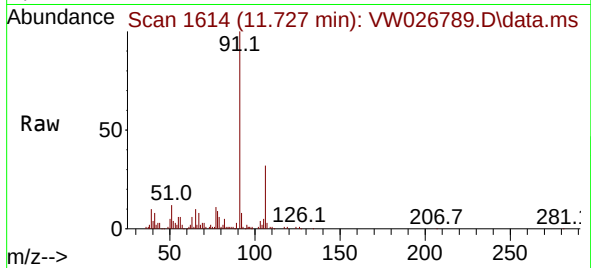
Tgt Ion: 91 Resp: 165852  
Ion Ratio Lower Upper  
91 100  
92 59.5 40.8 75.8





#52  
Ethylbenzene  
Concen: 0.825 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

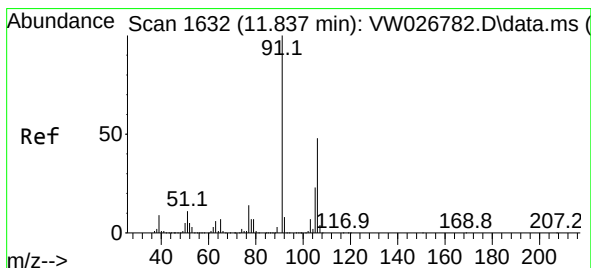
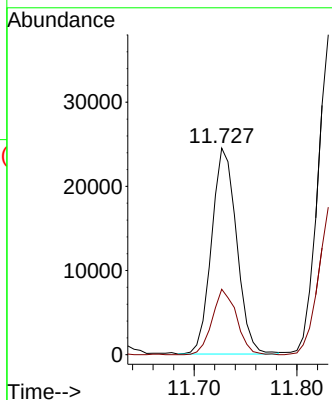
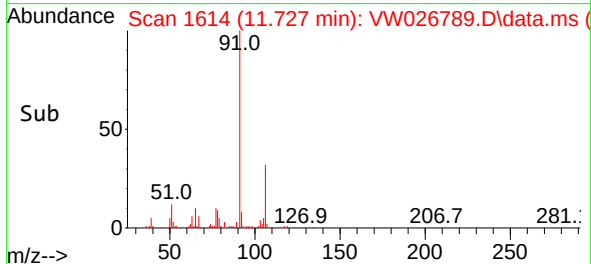
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYH2



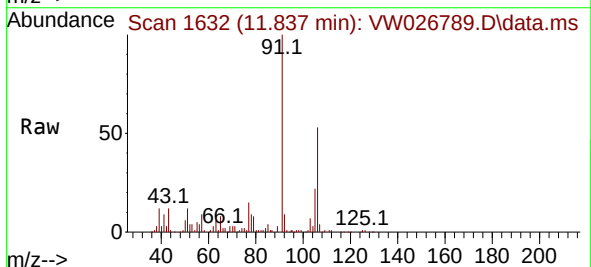
Tgt Ion: 91 Resp: 4151  
Ion Ratio Lower Upper  
91 100  
106 31.7 20.2 37.6

Manual Integrations  
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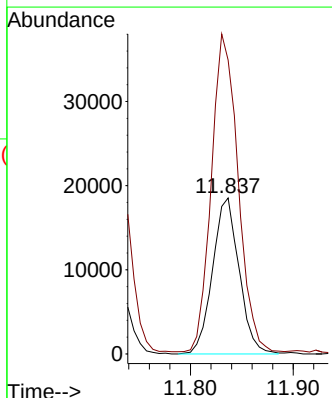
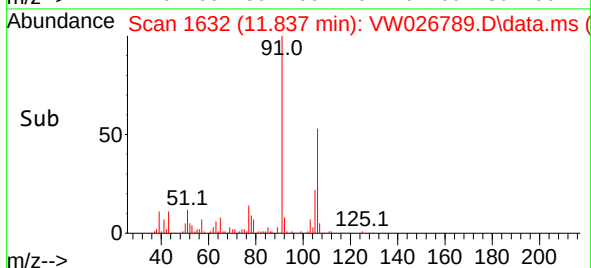
Reviewed By :Semsettin Yesilyurt 08/22/2023  
Supervised By :Mahesh Dadoda 08/22/2023

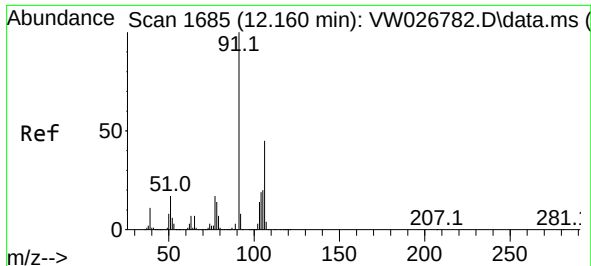


#53  
m,p-Xylene  
Concen: 1.781 ug/L  
RT: 11.837 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04



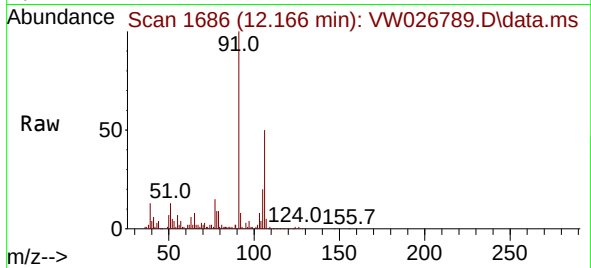
Tgt Ion:106 Resp: 33184  
Ion Ratio Lower Upper  
106 100  
91 188.4 152.9 284.1





#54  
o-Xylene  
Concen: 0.798 ug/L  
RT: 12.166 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

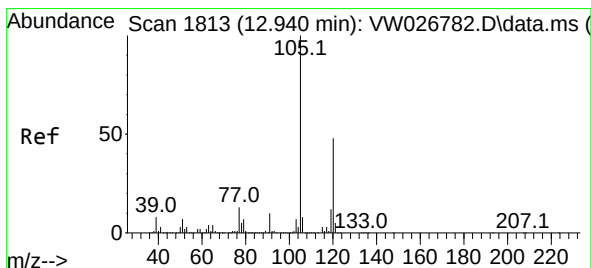
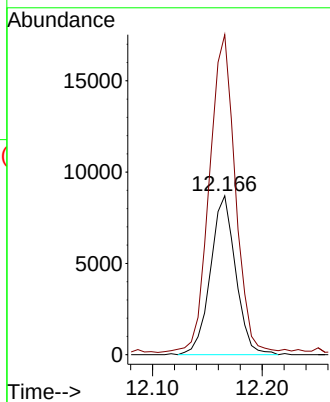
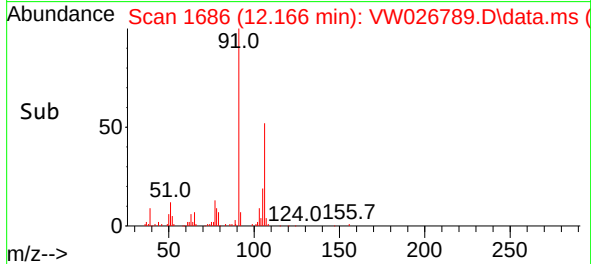
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYH2



Tgt Ion:106 Resp: 13880  
Ion Ratio Lower Upper  
106 100  
91 201.4 149.9 278.3

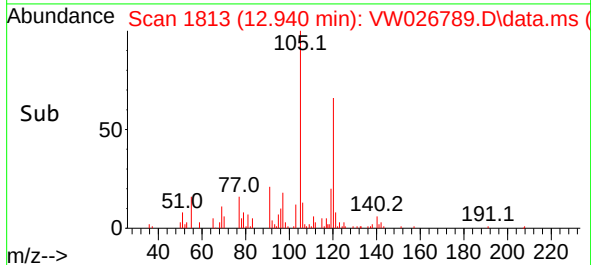
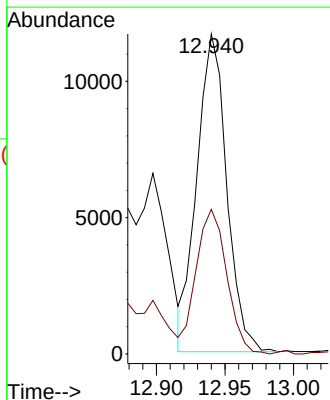
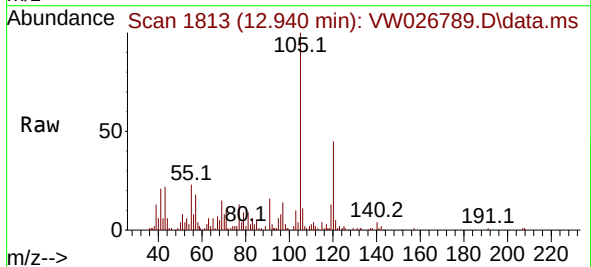
Manual Integrations  
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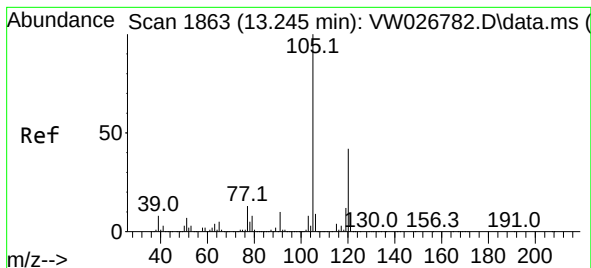
Reviewed By :Semsettin Yesilyurt 08/22/2023  
Supervised By :Mahesh Dadoda 08/22/2023



#62  
1,3,5-Trimethylbenzene  
Concen: 1.004 ug/L  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW026789.D  
Acq: 21 Aug 2023 14:04

Tgt Ion:105 Resp: 17684  
Ion Ratio Lower Upper  
105 100  
120 46.8 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 2.066 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026789.D

Acq: 21 Aug 2023 14:04

Instrument :

MSVOA\_W

ClientSampleId :

EZYH2

Tgt Ion:105 Resp: 3565

Ion Ratio Lower Upper

105 100

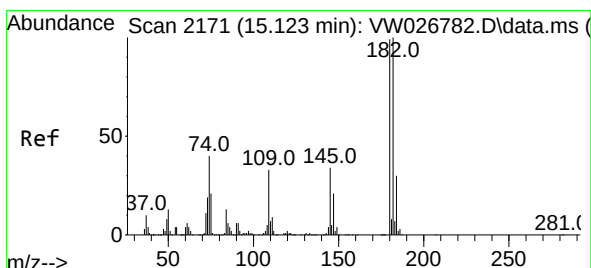
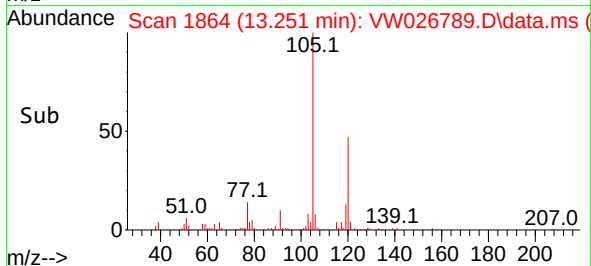
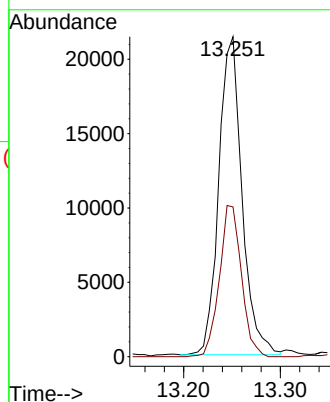
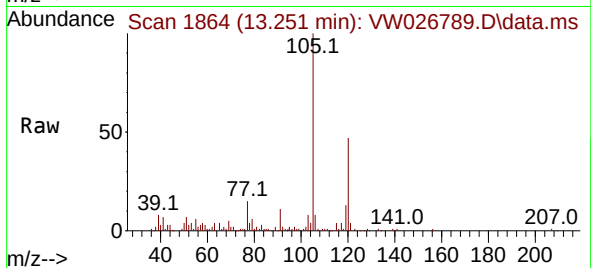
120 44.9 36.2 54.4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 08/22/2023



#70

1,2,4-trichlorobenzene

Concen: 1.056 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW026789.D

Acq: 21 Aug 2023 14:04

Tgt Ion:180 Resp: 5863

Ion Ratio Lower Upper

180 100

182 95.0 72.5 108.7

145 92.5 24.7 37.1#

