

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101724\  
 Data File : VW030649.D  
 Acq On : 17 Oct 2024 19:23  
 Operator : SY/MD  
 Sample : P4414-20  
 Misc : 5.08g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4F80

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/18/2024  
 Supervised By :Semsettin Yesilyurt 10/18/2024

Quant Time: Oct 18 01:44:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Oct 18 01:38:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 4059       | 25.000    | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.623         | 117  | 4023       | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 1442       | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.350          | 65   | 675        | 10.580    | ug/L   | -0.02    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 42.320%   |        |          |
| 7) Chloroethane-d5            | 2.905          | 69   | 837        | 17.331    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 69.320%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 475m       | 17.900    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 71.600%   |        |          |
| 21) 2-Butanone-d5             | 0.000          | 46   | 0d         | 0.000     | ug/L   |          |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 0.000%#   |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 2876       | 24.776    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 99.120%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 2053m      | 34.012    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 136.040%# |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 3327       | 14.249    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 57.000%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.264          | 67   | 1611       | 23.507    | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 94.040%   |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 2369       | 11.114    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 44.440%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.593         | 79   | 368m       | 12.824    | ug/L   | 0.02     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 51.280%   |        |          |
| 47) 2-Hexanone-d5             | 0.000          | 63   | 0d         | 0.000     | ug/L   |          |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 0.000%#   |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.684         | 84   | 1962       | 38.982    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 155.920%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 947        | 19.409    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 77.640%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 42) Toluene                   | 10.386         | 91   | 943m       | 3.376     | ug/L   |          |
| -----                         |                |      |            |           |        |          |

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

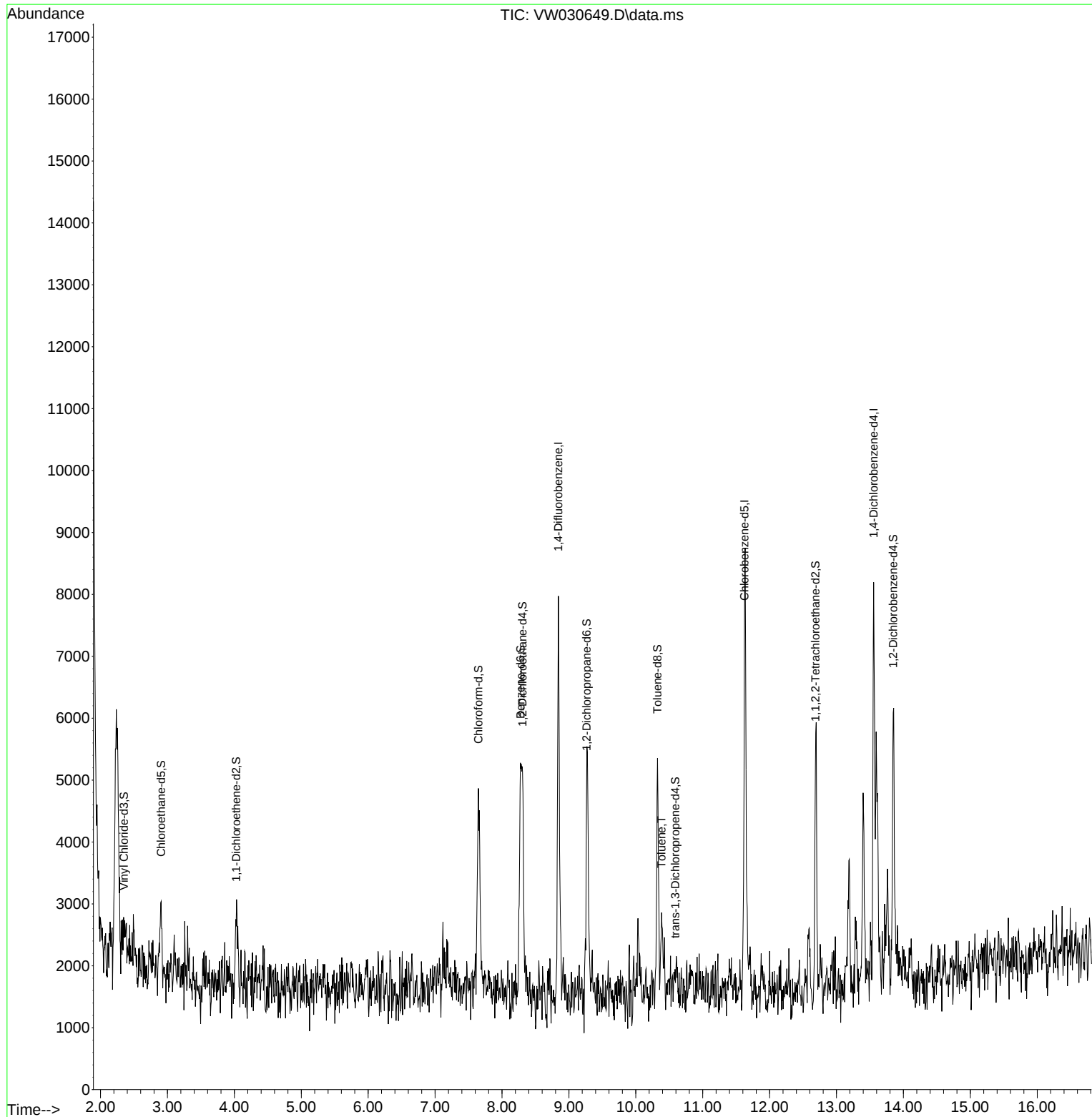
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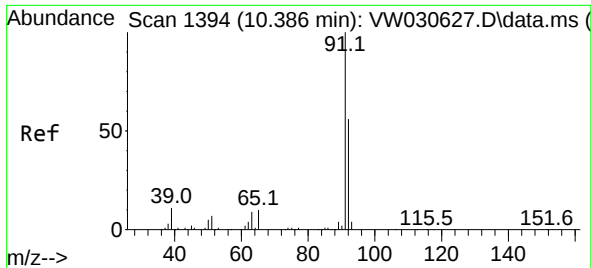
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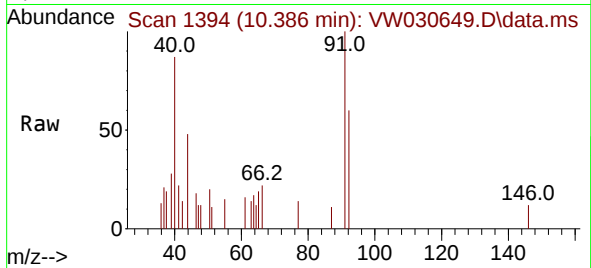
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#42  
Toluene  
Concen: 3.376 ug/L m  
RT: 10.386 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW030649.D  
Acq: 17 Oct 2024 19:23

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Tgt Ion: 91 Resp: 94.3  
Ion Ratio Lower Upper  
91 100  
92 60.0 40.3 74.8

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