

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082323\  
 Data File : VW026816.D  
 Acq On : 23 Aug 2023 14:55  
 Operator : SY/MD  
 Sample : 04108-14  
 Misc : 4.78g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHP0

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023  
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 24 01:43:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 23 01:29:10 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 514370     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 461601     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 196507     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 97721      | 11.557  | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 46.240% |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 81909      | 13.027  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 52.120% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 55567      | 13.361  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 53.440% |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 110829     | 45.603  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 91.200% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 329703     | 19.098  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 76.400% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 192453m    | 20.201  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 80.800% |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 630440     | 19.817  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 79.280% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 210060     | 21.198  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 84.800% |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 495609     | 18.148  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 72.600% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 77408      | 18.919  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 75.680% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 49286      | 47.333  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.660% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 189286     | 24.187  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 96.760% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 148532     | 21.118  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 84.480% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.911          | 84   | 58879      | 5.917   | ug/L  | 91       |
| 46) Tetrachloroethene         | 10.861         | 164  | 13512      | 2.172   | ug/L  | 91       |
| -----                         |                |      |            |         |       |          |

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

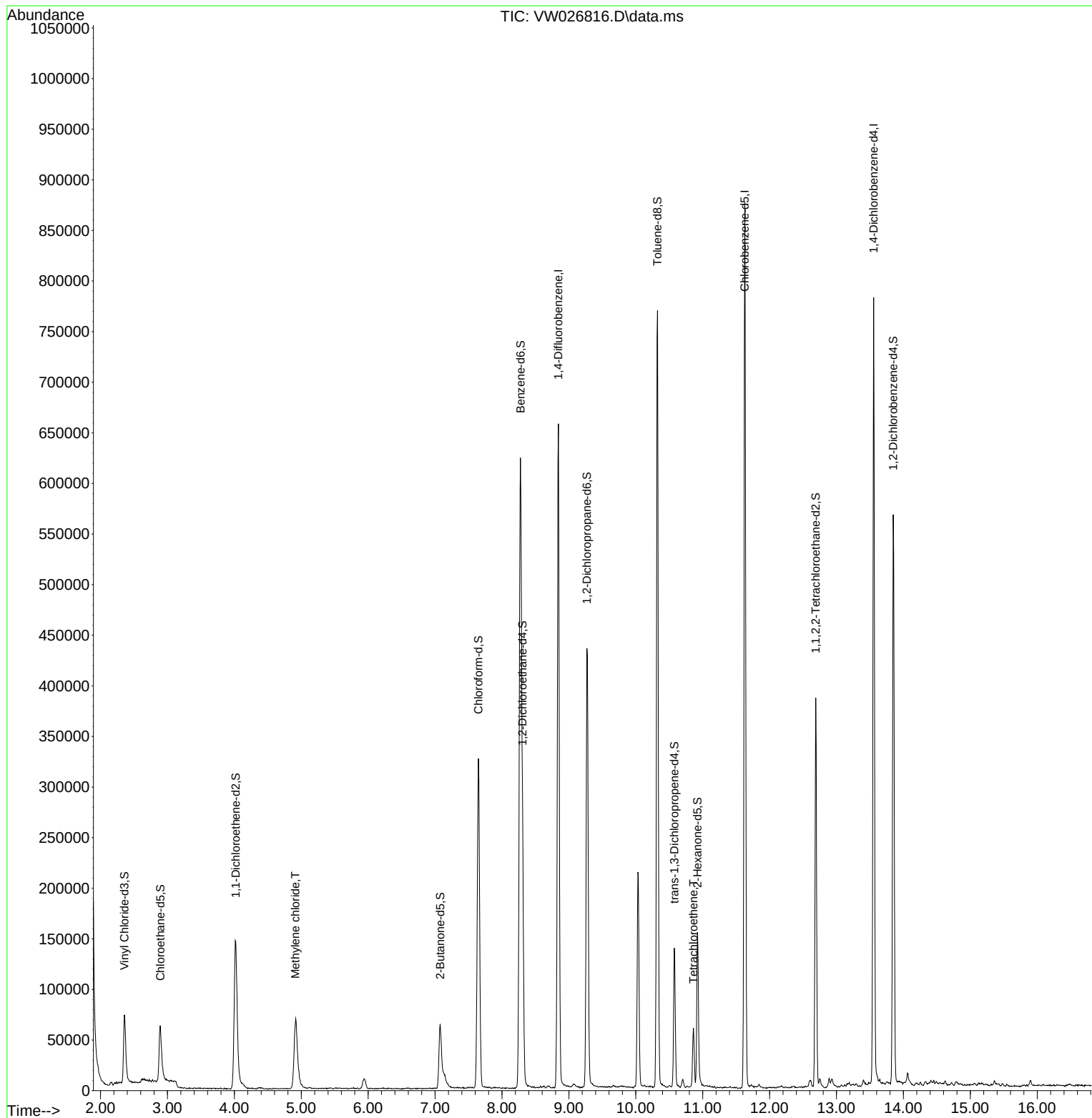
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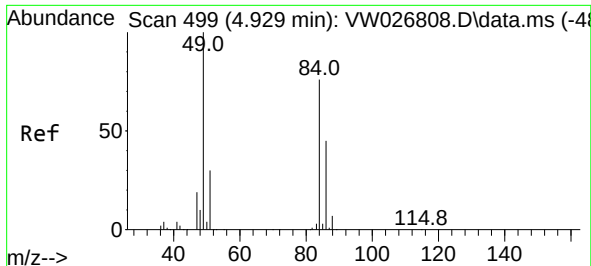
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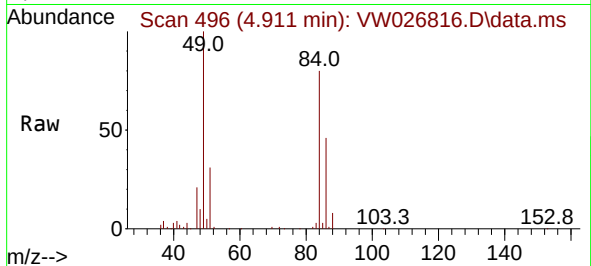
Quant Time: Aug 24 01:43:19 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Aug 23 01:29:10 2023  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 5.917 ug/L  
RT: 4.911 min Scan# 496  
Delta R.T. -0.006 min  
Lab File: VW026816.D  
Acq: 23 Aug 2023 14:55

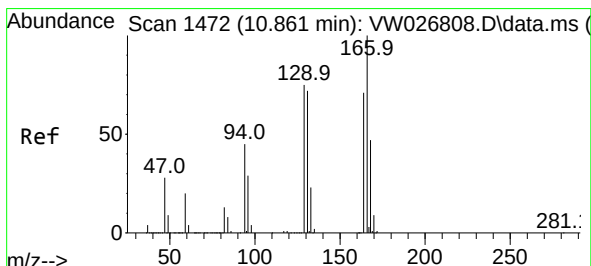
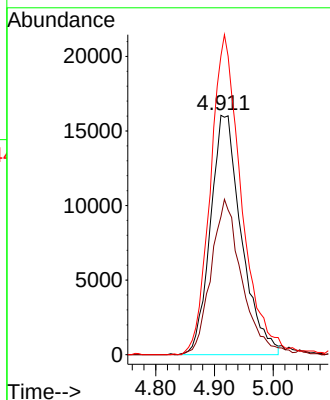
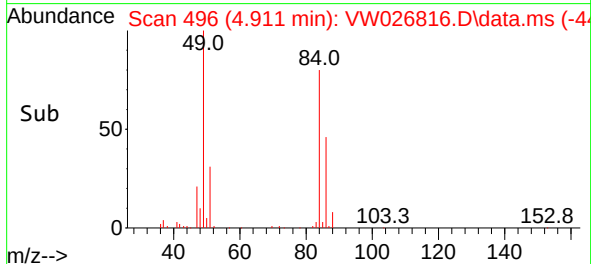
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Tgt Ion: 84 Resp: 58879  
Ion Ratio Lower Upper  
84 100  
86 57.6 43.5 80.9  
49 124.8 96.0 178.2

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#46  
Tetrachloroethene  
Concen: 2.172 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW026816.D  
Acq: 23 Aug 2023 14:55

Tgt Ion:164 Resp: 13512  
Ion Ratio Lower Upper  
164 100  
129 85.3 68.1 126.5  
131 84.2 65.5 121.7  
166 121.4 89.1 165.5

