

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033123\  
 Data File : VW025526.D  
 Acq On : 31 Mar 2023 12:38  
 Operator : SY/MD  
 Sample : VIBLK434  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK434

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2023  
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 00:37:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM030623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 01 00:35:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 668259     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 585158     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 277660     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 191555     | 17.240  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.960% |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 163055     | 20.395  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.560% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 63   | 329152m    | 15.338  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 61.360% |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 129516     | 47.488  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.980% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 445965     | 23.149  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 92.600% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 246375     | 23.827  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 95.320% |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 890604     | 22.274  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 89.080% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 295695     | 23.905  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 95.640% |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 775207     | 21.990  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 87.960% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.581         | 79   | 103795     | 21.073  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 84.280% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 81247      | 45.679  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 91.360% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 213055     | 23.511  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 94.040% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 249468     | 24.160  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 96.640% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.917          | 84   | 31004      | 3.332   | ug/L  | 91       |
| -----                         |                |      |            |         |       |          |

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

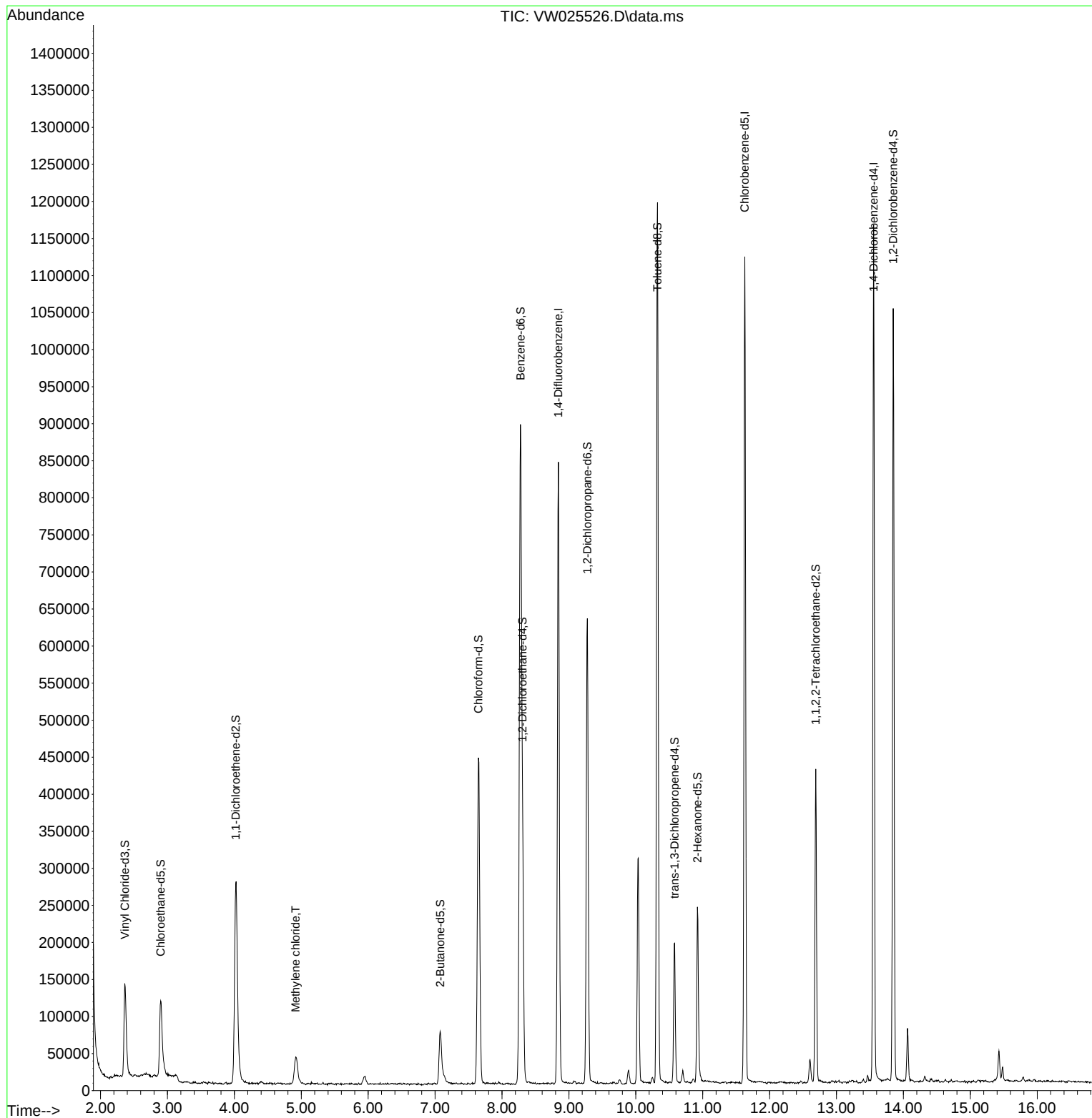
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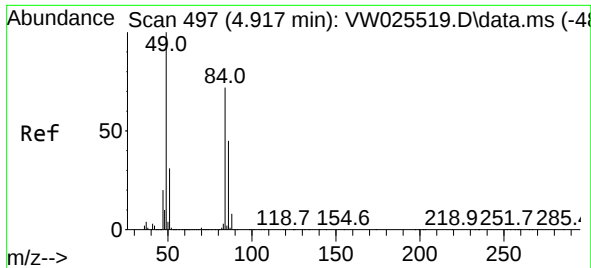
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#16  
Methylene chloride  
Concen: 3.332 ug/L  
RT: 4.917 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VW025526.D  
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Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK434

Tgt Ion: 84 Resp: 31004  
Ion Ratio Lower Upper  
84 100  
86 54.6 45.1 83.7  
49 144.5 94.7 175.9

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