

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052324\  
 Data File : VD079004.D  
 Acq On : 23 May 2024 15:03  
 Operator : RP/MD  
 Sample : P2570-05  
 Misc : 4.56G/10ml/MSVOA\_D/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BH6B3

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024  
 Supervised By :Mahesh Dadoda 05/27/2024

Quant Time: May 24 02:15:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 24 02:12:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 131733     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 116431     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 29824      | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.270          | 65   | 79303      | 24.557  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 98.240% |       |          |
| 7) Chloroethane-d5            | 2.799          | 69   | 83998      | 24.299  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 97.200% |       |          |
| 11) 1,1-Dichloroethene-d2     | 3.917          | 65   | 12911      | 20.496  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 82.000% |       |          |
| 21) 2-Butanone-d5             | 6.993          | 46   | 11367      | 24.868  | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 49.740% |       |          |
| 24) Chloroform-d              | 7.569          | 84   | 70622      | 18.008  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 72.040% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 35593      | 19.111  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 76.440% |       |          |
| 32) Benzene-d6                | 8.205          | 84   | 135180     | 22.754  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 91.000% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 40136      | 22.173  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 88.680% |       |          |
| 41) Toluene-d8                | 10.269         | 98   | 106968     | 19.534  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 78.120% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.522         | 79   | 14480      | 17.365  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 69.480% |       |          |
| 47) 2-Hexanone-d5             | 10.881         | 63   | 8288       | 22.845  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 45.700% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.646         | 84   | 34200      | 16.609  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 66.440% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 20820      | 20.568  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 82.280% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.805          | 84   | 19164m     | 6.141   | ug/L  |          |
| -----                         |                |      |            |         |       |          |

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

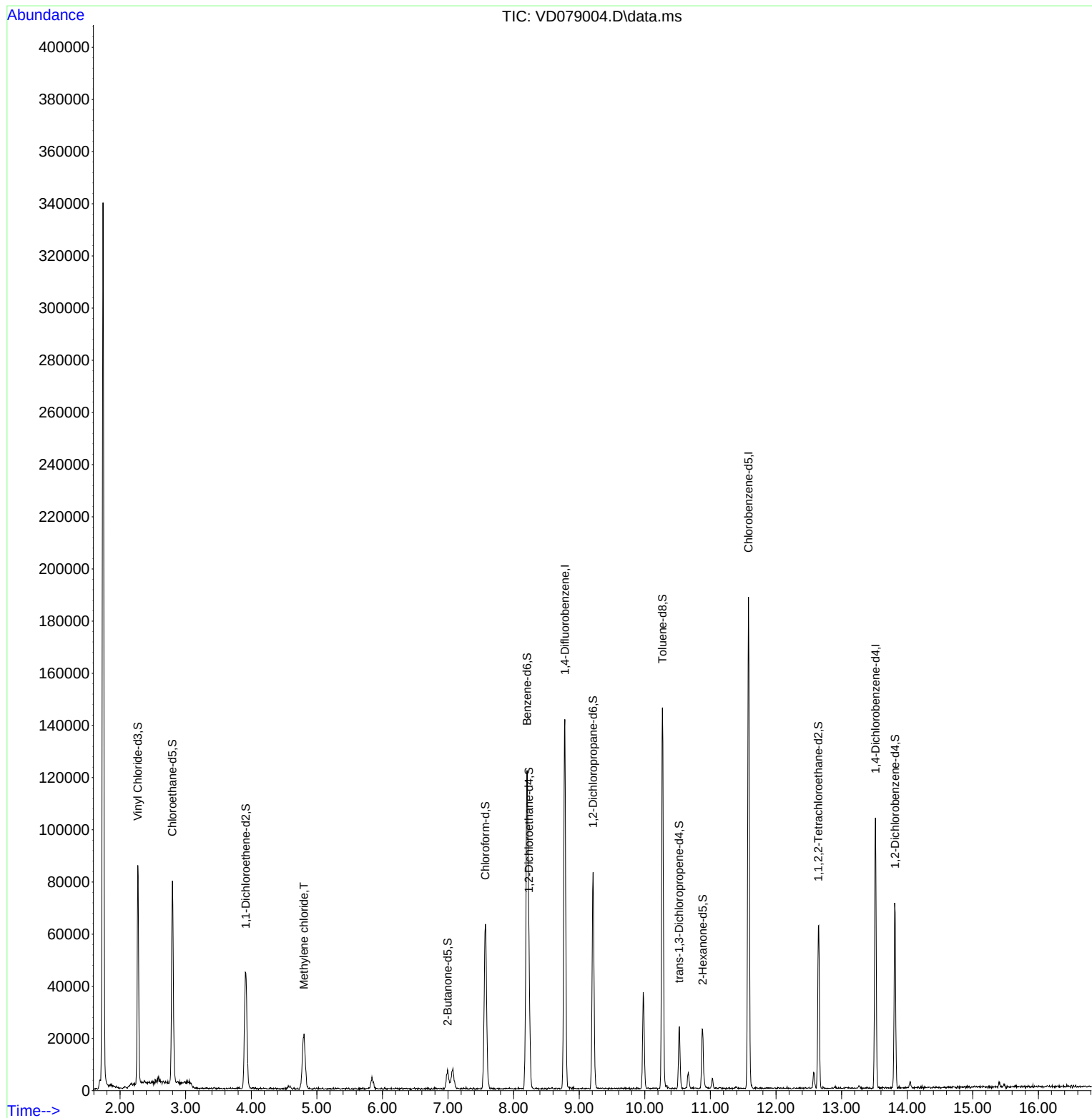
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052324\  
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ALS Vial : 14 Sample Multiplier: 1

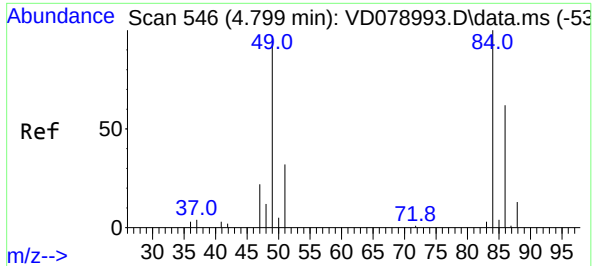
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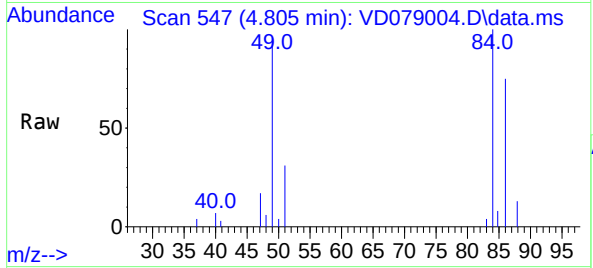
Quant Time: May 24 02:15:57 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri May 24 02:12:30 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 6.141 ug/L m  
RT: 4.805 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VD079004.D  
Acq: 23 May 2024 15:03

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Tgt Ion: 84 Resp: 1916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 75.0  | 43.7  | 81.1  |
| 49  | 95.6  | 64.0  | 119.0 |

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