

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
 Data File : VV036560.D  
 Acq On : 16 Jul 2024 11:20  
 Operator : SY/MD  
 Sample : VV0716SBL01  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK347

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 07/17/2024  
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 02:26:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 17 02:15:19 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 269721     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 301774     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 132046     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 91976      | 23.802   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 95.200%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 83090      | 24.594   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 98.360%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 46039      | 23.201   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 92.800%  |       |          |
| 21) 2-Butanone-d5             | 3.828          | 46   | 30664m     | 46.363   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 92.720%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 186801     | 23.793   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 95.160%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 98113      | 25.196   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 100.800% |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 339845     | 22.573   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 90.280%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 104301     | 23.246   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 93.000%  |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 290592     | 20.919   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 83.680%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 39332      | 21.084   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 84.320%  |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 17923      | 35.966   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 71.940%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 83907      | 22.205   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 88.800%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 118753     | 26.501   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 106.000% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.439          | 84   | 21824      | 3.936    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

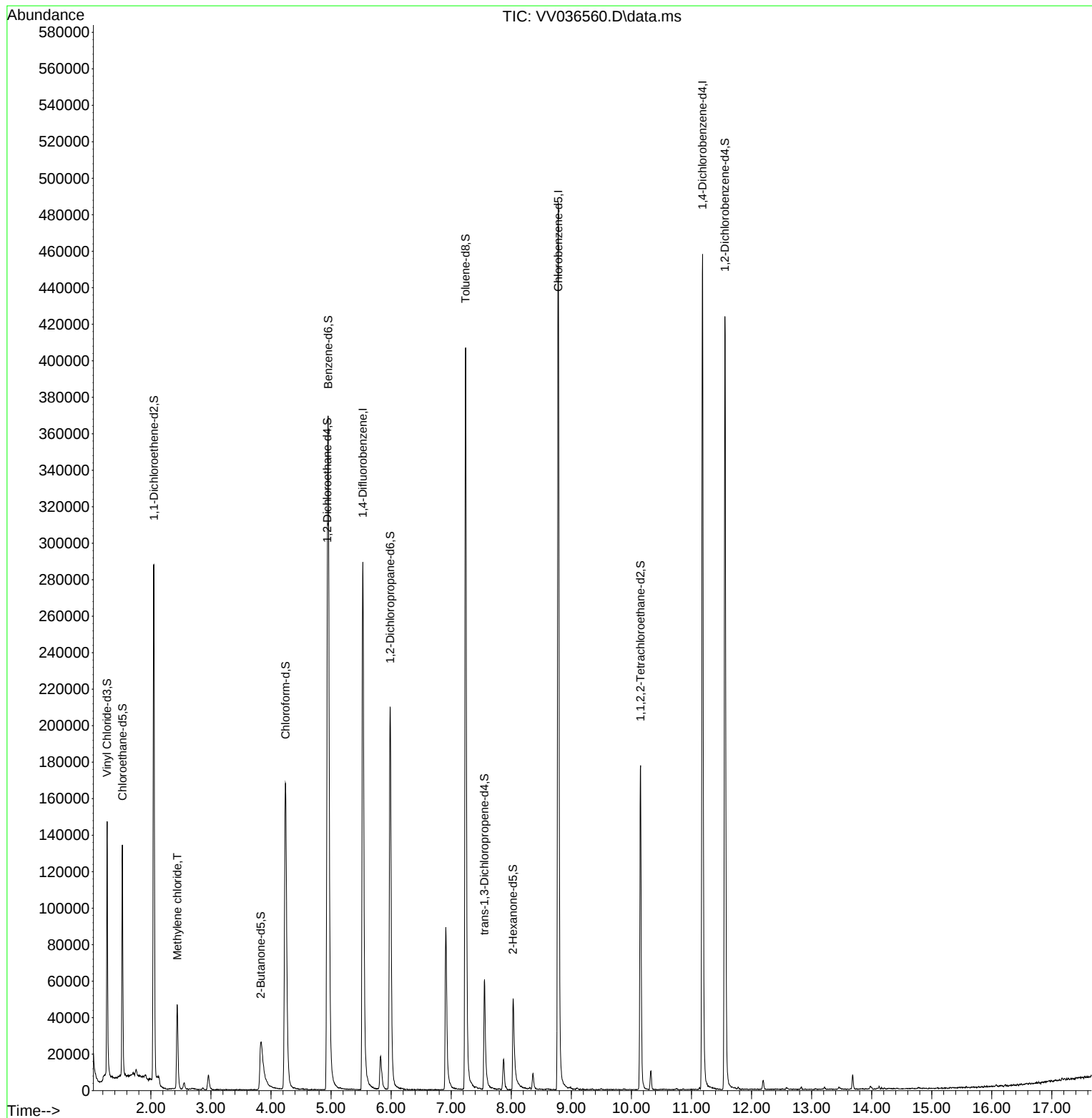
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
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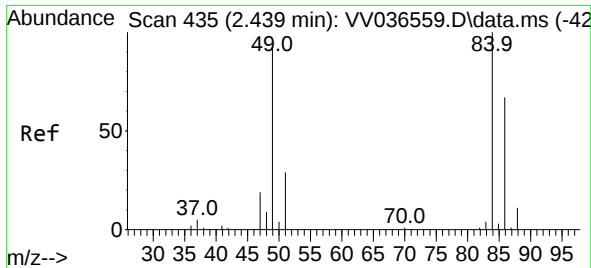
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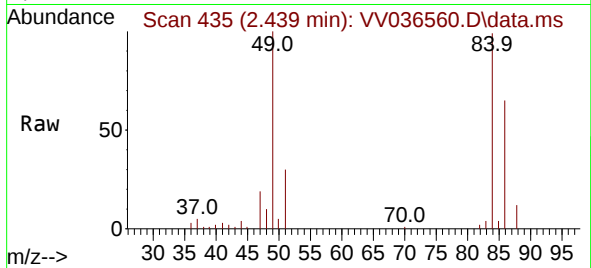
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Quant Title : VOC Analysis  
QLast Update : Wed Jul 17 02:15:19 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 3.936 ug/L  
RT: 2.439 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV036560.D  
Acq: 16 Jul 2024 11:20

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion: 84 Resp: 21824  
Ion Ratio Lower Upper  
84 100  
86 65.7 46.3 86.1  
49 100.8 68.1 126.5

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