

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062724\  
 Data File : VW036331.D  
 Acq On : 28 Jun 2024 01:25  
 Operator : SY/MD  
 Sample : P3010-25  
 Misc : 4.57g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DJ9

Quant Time: Jun 28 05:09:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 28 04:20:38 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024  
 Supervised By :Semsettin Yesilyurt 07/03/2024

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 447701     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 454156     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 199759     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 125996     | 16.571  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 66.280% |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 115111     | 18.954  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 75.800% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 57648      | 16.128  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 64.520% |       |          |
| 21) 2-Butanone-d5             | 3.850          | 46   | 39494m     | 22.381  | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 44.760% |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 256699     | 19.425  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 77.680% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 133364     | 18.924  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 75.680% |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 505417     | 19.714  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 78.840% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.982          | 67   | 156832     | 20.338  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 81.360% |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 422676     | 18.286  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 73.160% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 51593      | 14.982  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 59.920% |       |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 23312      | 18.939  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 37.880% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 107728     | 17.042  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 68.160% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 154742     | 21.257  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 85.040% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 43307      | 4.913   | ug/L  | 96       |
| -----                         |                |      |            |         |       |          |

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

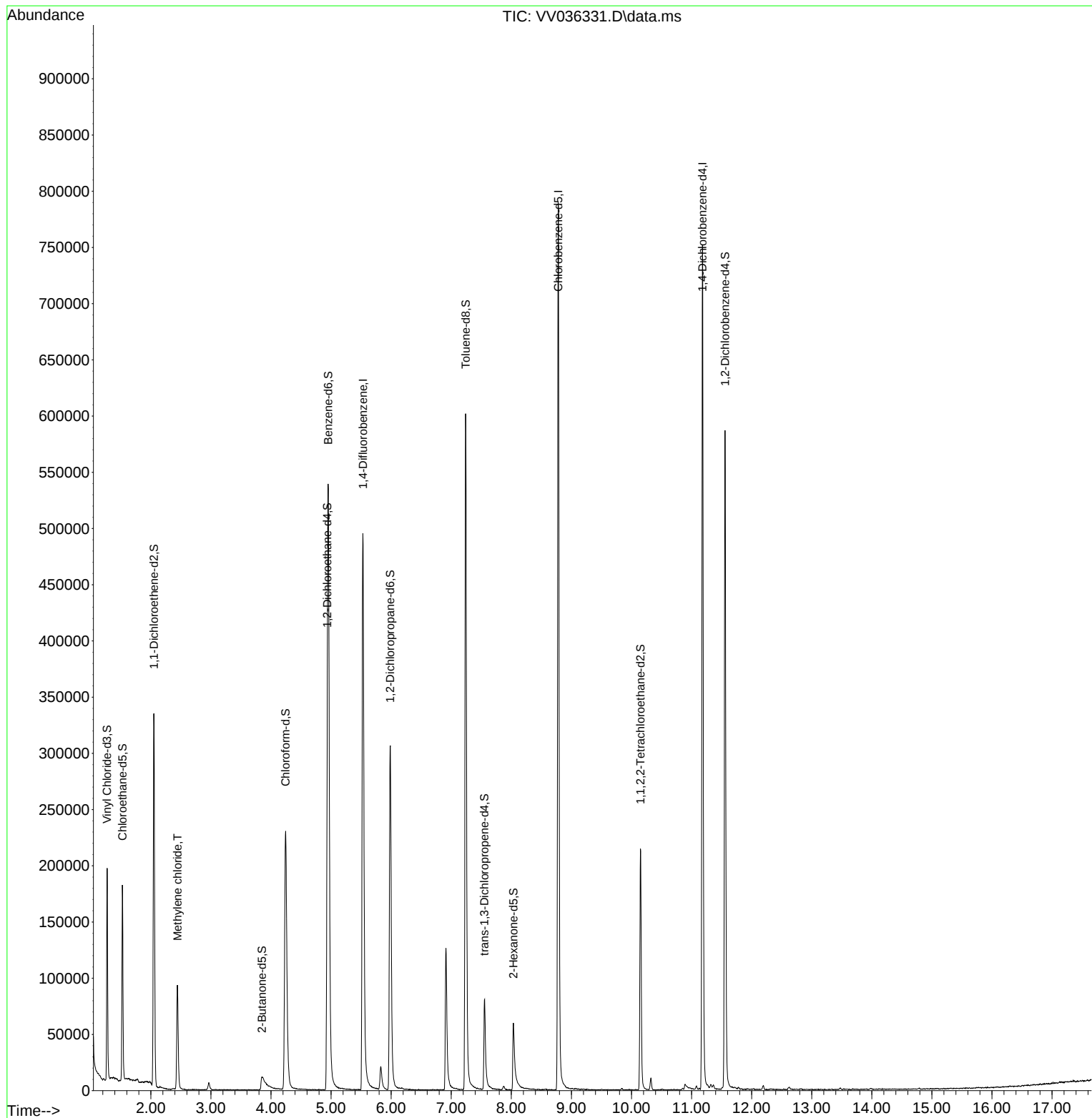
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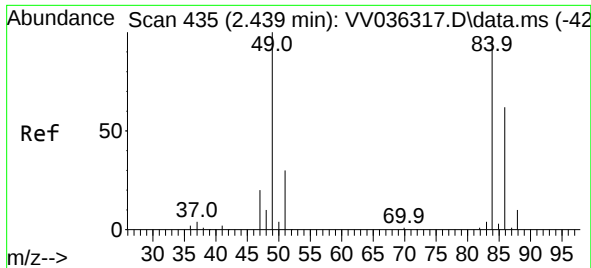
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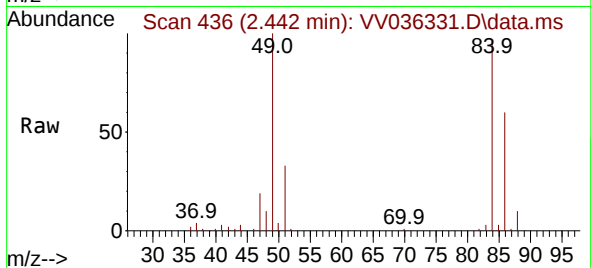
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 28 04:20:38 2024  
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#16  
Methylene chloride  
Concen: 4.913 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036331.D  
Acq: 28 Jun 2024 01:25

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion: 84 Resp: 4330  
Ion Ratio Lower Upper  
84 100  
86 62.9 45.6 84.8  
49 104.0 75.7 140.5

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