

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072324\  
 Data File : VW036638.D  
 Acq On : 23 Jul 2024 11:57  
 Operator : SY/MD  
 Sample : P3276-05  
 Misc : 5.04g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 07/24/2024  
 Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 24 00:58:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 24 00:57:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 341727     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 351046     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 166850     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 78993      | 21.106  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.440% |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 78371      | 23.184  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 92.720% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 43274      | 21.867  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 87.480% |       |          |
| 21) 2-Butanone-d5             | 3.847          | 46   | 34536m     | 39.539  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.080% |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 204068     | 22.579  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 90.320% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 106465     | 23.878  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 95.520% |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 359304     | 21.596  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 86.400% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 107601     | 22.698  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 90.800% |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 318754     | 20.076  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 80.320% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 41929      | 19.896  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 79.600% |       |          |
| 47) 2-Hexanone-d5             | 8.037          | 63   | 19907      | 31.554  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 63.100% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 90701      | 21.952  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 87.800% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 144452     | 24.801  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 99.200% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 16674      | 2.622   | ug/L  | 90       |
| -----                         |                |      |            |         |       |          |

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

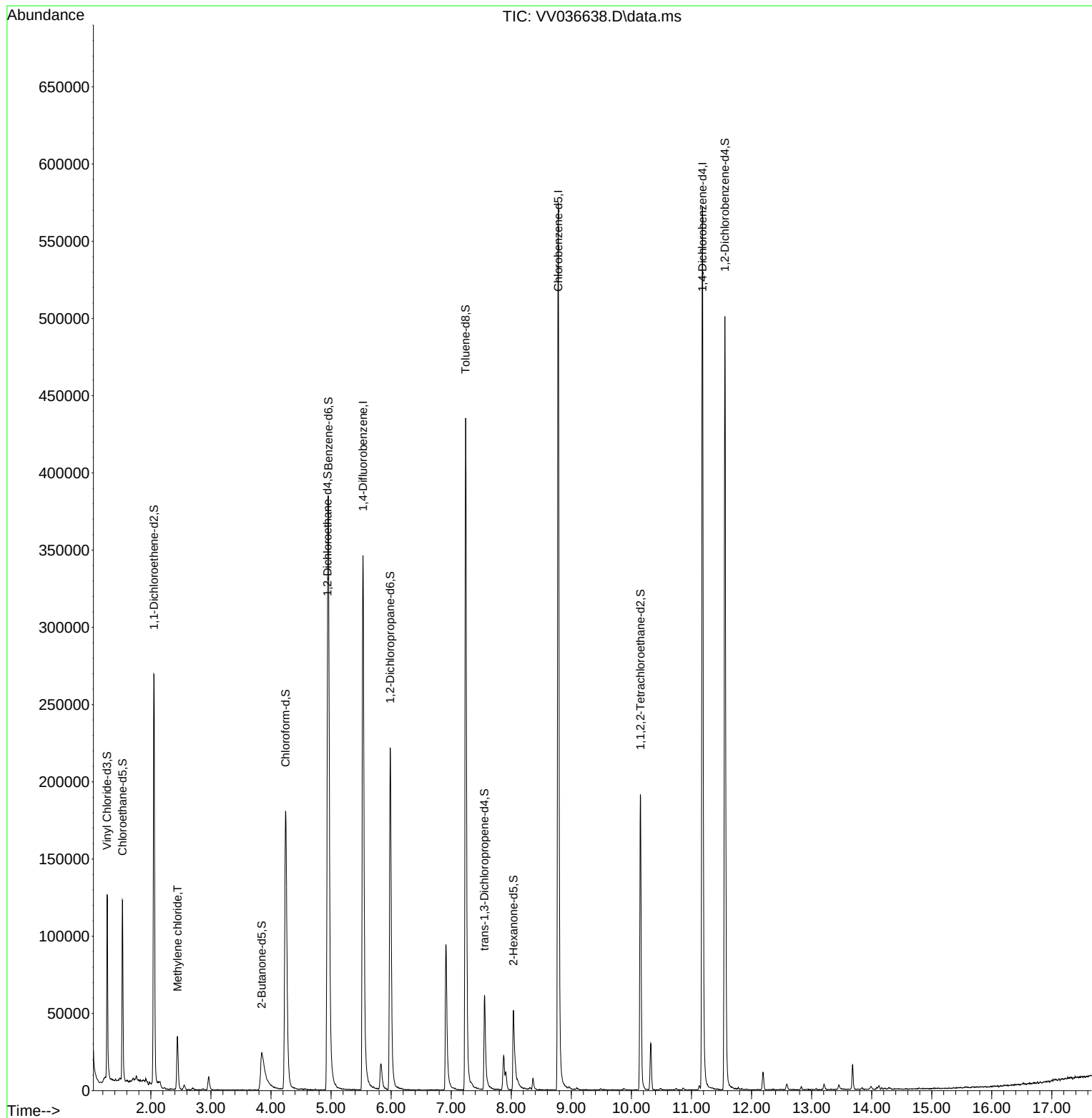
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072324\  
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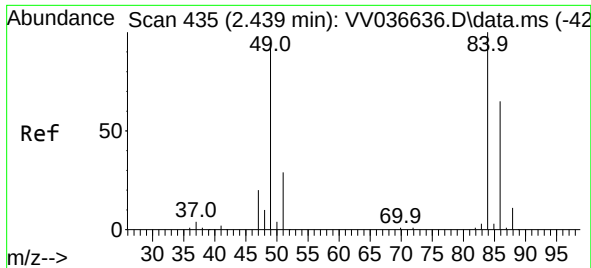
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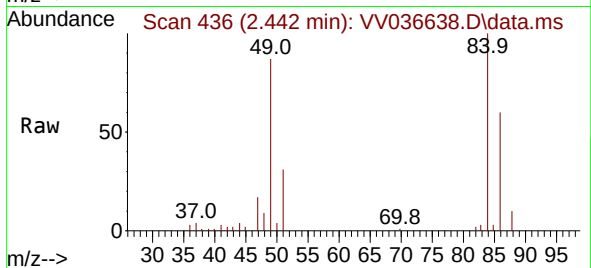
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jul 24 00:57:38 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 2.622 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036638.D  
Acq: 23 Jul 2024 11:57

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion: 84 Resp: 16674  
Ion Ratio Lower Upper  
84 100  
86 59.8 47.2 87.6  
49 86.6 67.3 125.1

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