

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
 Data File : VV036505.D  
 Acq On : 12 Jul 2024 14:18  
 Operator : SY/MD  
 Sample : P3215-05  
 Misc : 5.35g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4C08

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2024  
 Supervised By :Semsettin Yesilyurt 07/16/2024

Quant Time: Jul 13 04:09:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 13 04:06:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 405762     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 297037     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 66407      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 145220     | 24.981   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 99.920%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 121139     | 23.834   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 95.320%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 65795      | 22.041   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 88.160%  |       |          |
| 21) 2-Butanone-d5             | 3.866          | 46   | 25709m     | 25.839   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 51.680%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 240083     | 20.327   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 81.320%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 118855     | 20.289   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 81.160%  |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 437170     | 29.501   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 118.000% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 131751     | 29.832   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 119.320% |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 319451     | 23.364   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 93.440%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 36672      | 19.972   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 79.880%  |       |          |
| 47) 2-Hexanone-d5             | 8.037          | 63   | 11150      | 22.732   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 45.460%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 73462      | 19.751   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 79.000%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.557         | 152  | 47398      | 21.032   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 84.120%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 30251      | 3.626    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

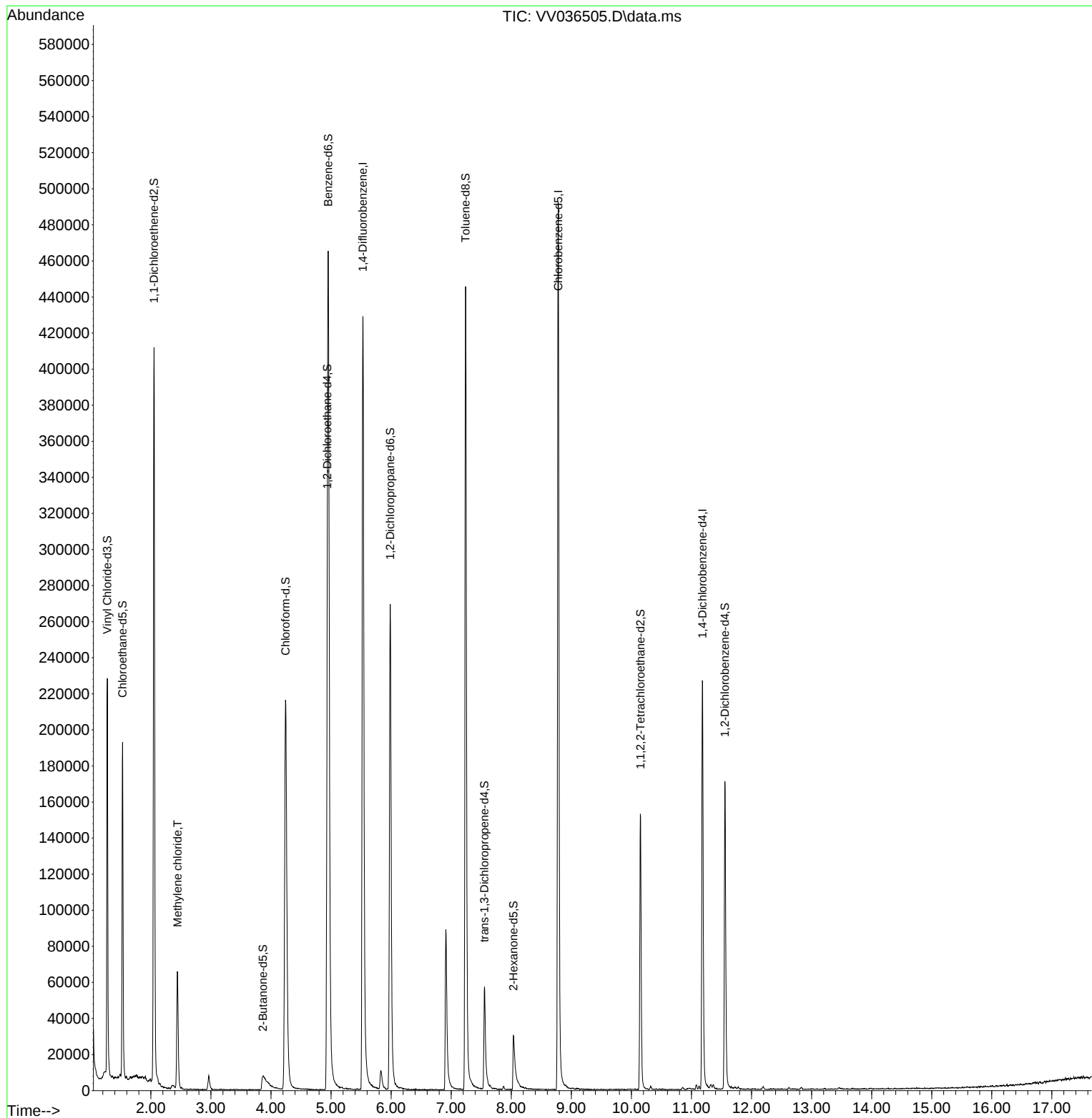
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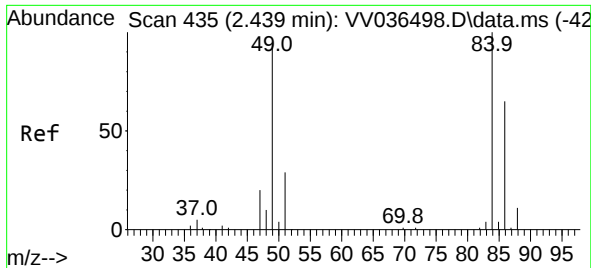
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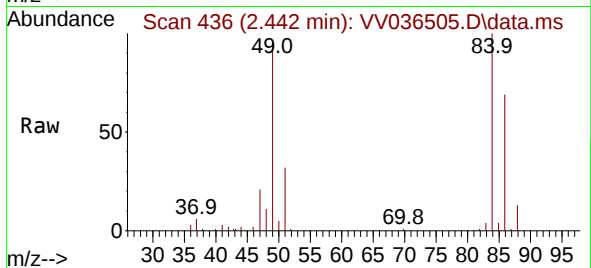
Reviewed By :Mahesh Dadoda 07/16/2024  
Supervised By :Semsettin Yesilyurt 07/16/2024





#16  
Methylene chloride  
Concen: 3.626 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036505.D  
Acq: 12 Jul 2024 14:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion: 84 Resp: 3025  
Ion Ratio Lower Upper  
84 100  
86 69.1 46.3 86.1  
49 95.8 68.1 126.5

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