

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052924\  
 Data File : VV035866.D  
 Acq On : 29 May 2024 16:26  
 Operator : SY/MD  
 Sample : P2568-23  
 Misc : 5.01g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024  
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 30 01:19:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 30 01:13:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|-------|----------|
| -----                         |                |      |                      |        |       |          |
| Internal Standards            |                |      |                      |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 403411               | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 418991               | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 186342               | 25.000 | ug/L  | 0.00     |
|                               |                |      |                      |        |       |          |
| System Monitoring Compounds   |                |      |                      |        |       |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 174742               | 28.025 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 112.120%  |        |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 142107               | 28.251 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 113.000%  |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 77229                | 27.977 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 111.920%# |        |       |          |
| 21) 2-Butanone-d5             | 3.838          | 46   | 84917m               | 47.989 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 95.980%   |        |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 307934               | 25.676 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 102.720%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 171430               | 28.914 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 115.640%  |        |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 604804               | 26.370 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 105.480%  |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 194146               | 27.429 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 109.720%  |        |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 491804               | 24.093 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 96.360%   |        |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 75391                | 24.905 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 99.640%   |        |       |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 50958                | 40.038 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 80.080%   |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 156098               | 22.887 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 91.560%   |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 187356               | 28.971 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 115.880%  |        |       |          |
|                               |                |      |                      |        |       |          |
| Target Compounds              |                |      |                      |        |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 40362                | 4.339  | ug/L  | 93       |
| -----                         |                |      |                      |        |       |          |

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

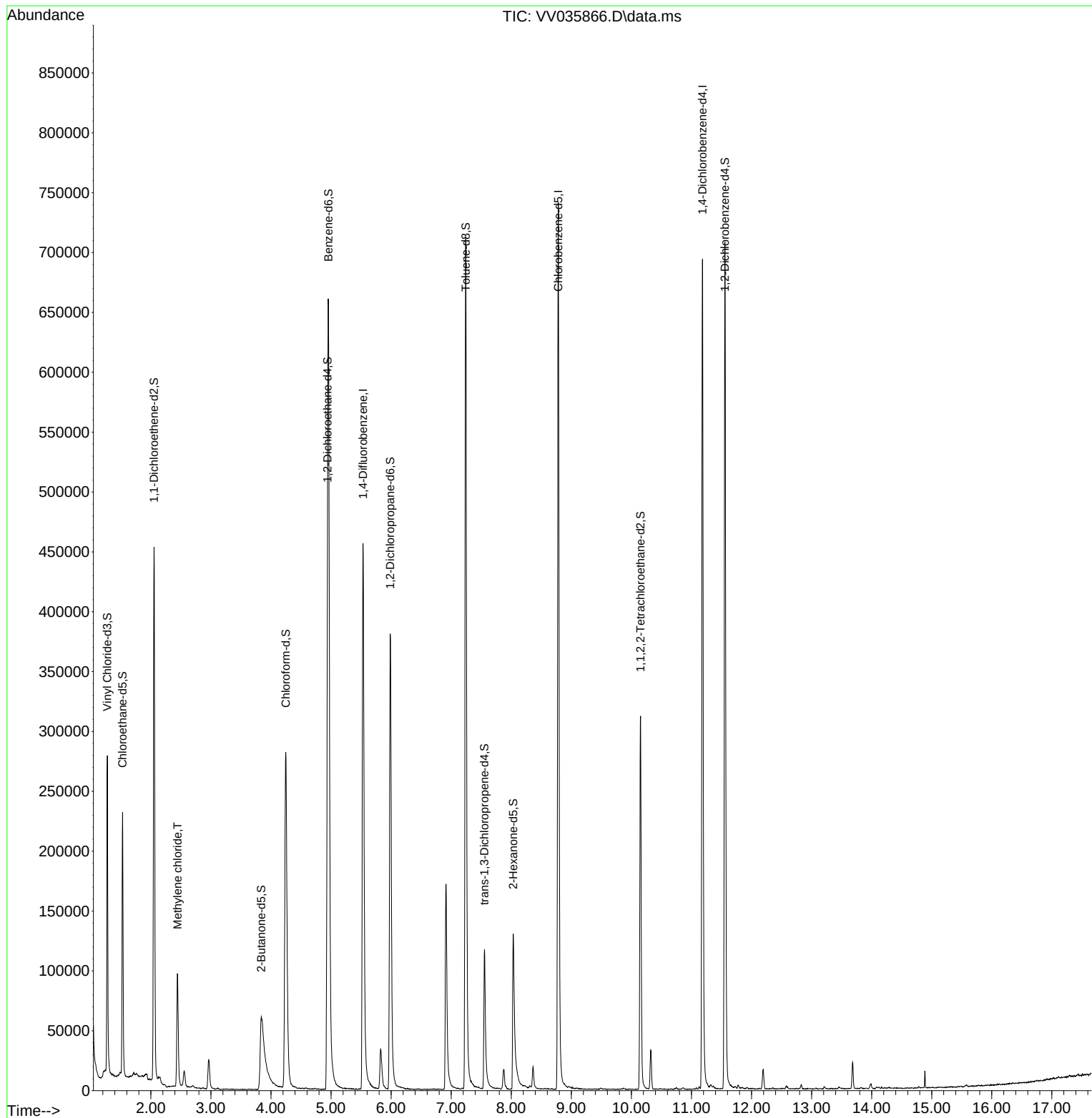
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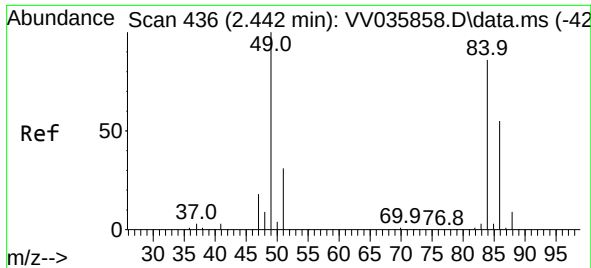
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.339 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV035866.D

Acq: 29 May 2024 16:26

Instrument :

MSVOA\_V

ClientSampleId :

VHBLK001

Tgt Ion: 84 Resp: 40362

Ion Ratio Lower Upper

84 100

86 65.7 43.8 81.3

49 117.3 75.3 139.9

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