

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW052224\  
 Data File : VW035685.D  
 Acq On : 22 May 2024 18:55  
 Operator : SY/MD  
 Sample : P2566-05  
 Misc : 4.65g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHHW0

Quant Time: May 23 02:27:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 23 02:17:29 2024  
 Response via : Initial Calibration

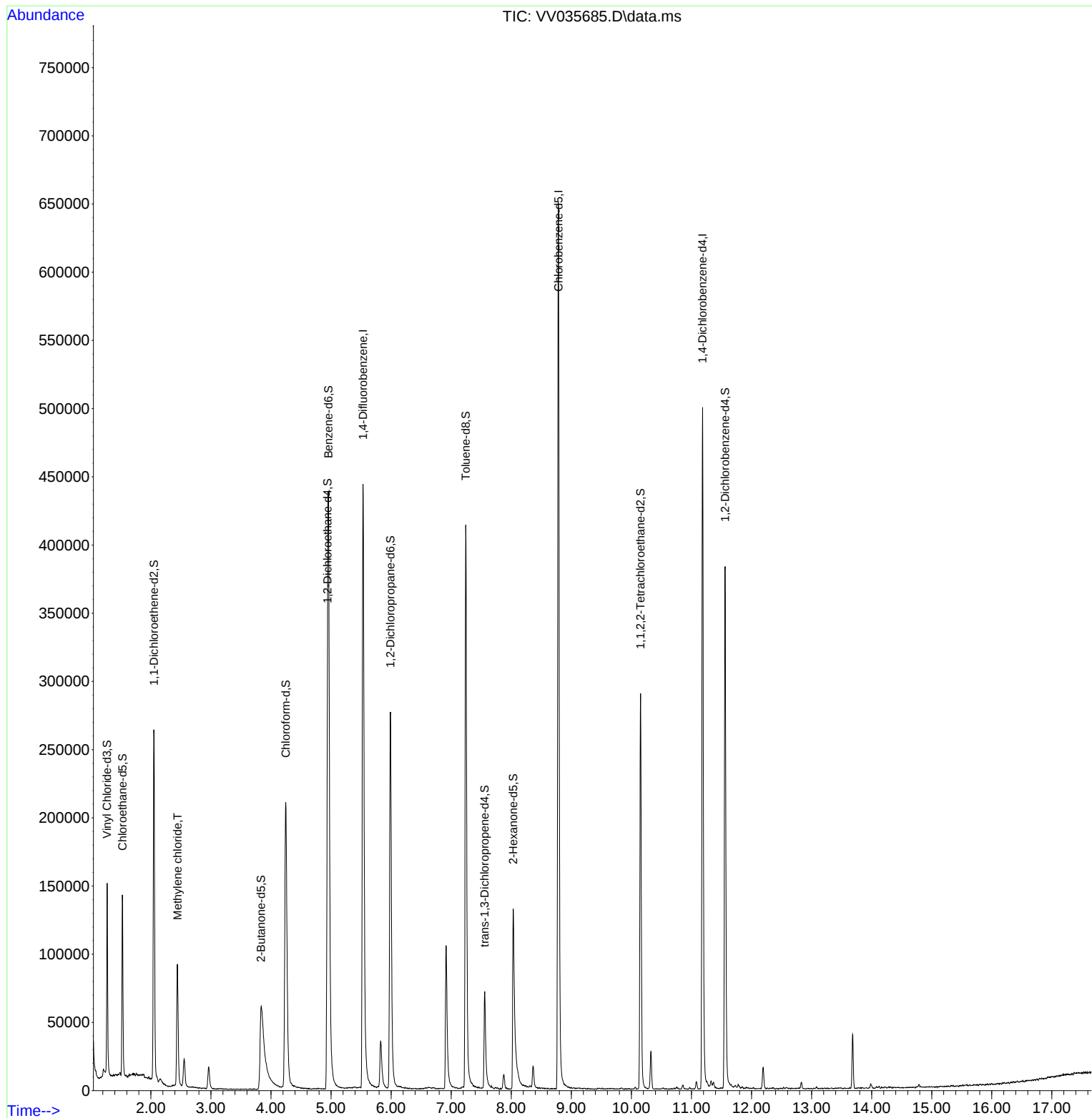
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 404549   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 385910   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 136983   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 92557    | 14.802   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 59.200%   |
| 7) Chloroethane-d5            | 1.526  | 69    | 88865    | 17.617   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 70.480%   |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 44614    | 16.117   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 64.480%   |
| 21) 2-Butanone-d5             | 3.834  | 46    | 69818    | 39.345   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 78.700%   |
| 24) Chloroform-d              | 4.246  | 84    | 234939   | 19.534   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 78.120%   |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 133300   | 22.420   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 89.680%   |
| 32) Benzene-d6                | 4.957  | 84    | 390209   | 18.472   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 73.880%   |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 146714   | 22.505   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 90.000%   |
| 41) Toluene-d8                | 7.243  | 98    | 295696   | 15.728   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 62.920%   |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 49666    | 17.814   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 71.240%   |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 51537    | 43.964   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 87.920%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 147441   | 23.471   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 93.880%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 104563   | 21.995   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 88.000%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 2.442  | 84    | 40525    | 4.344    | ug/L  | Qvalue 98 |
| -----                         |        |       |          |          |       |           |

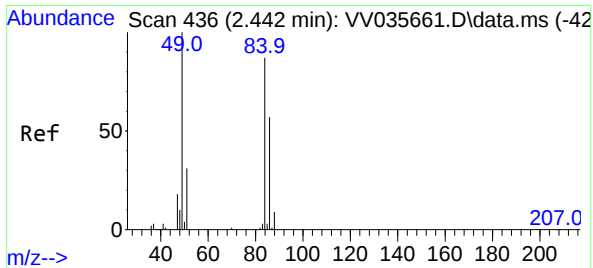
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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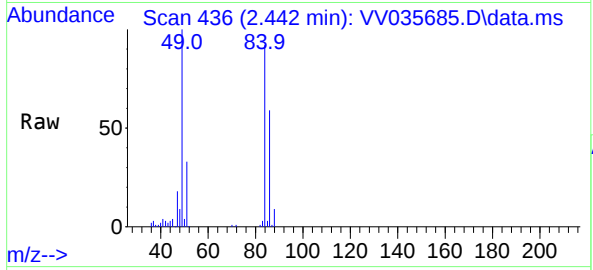
Quant Time: May 23 02:27:20 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu May 23 02:17:29 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 4.344 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV035685.D  
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Tgt Ion: 84 Resp: 40525

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 63.9  | 43.8  | 81.3  |
| 49  | 109.0 | 75.3  | 139.9 |

