

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071524\  
 Data File : VV036529.D  
 Acq On : 15 Jul 2024 15:46  
 Operator : SY/MD  
 Sample : P3215-15  
 Misc : 4.59g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 16 01:28:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 16 01:25:30 2024  
 Response via : Initial Calibration

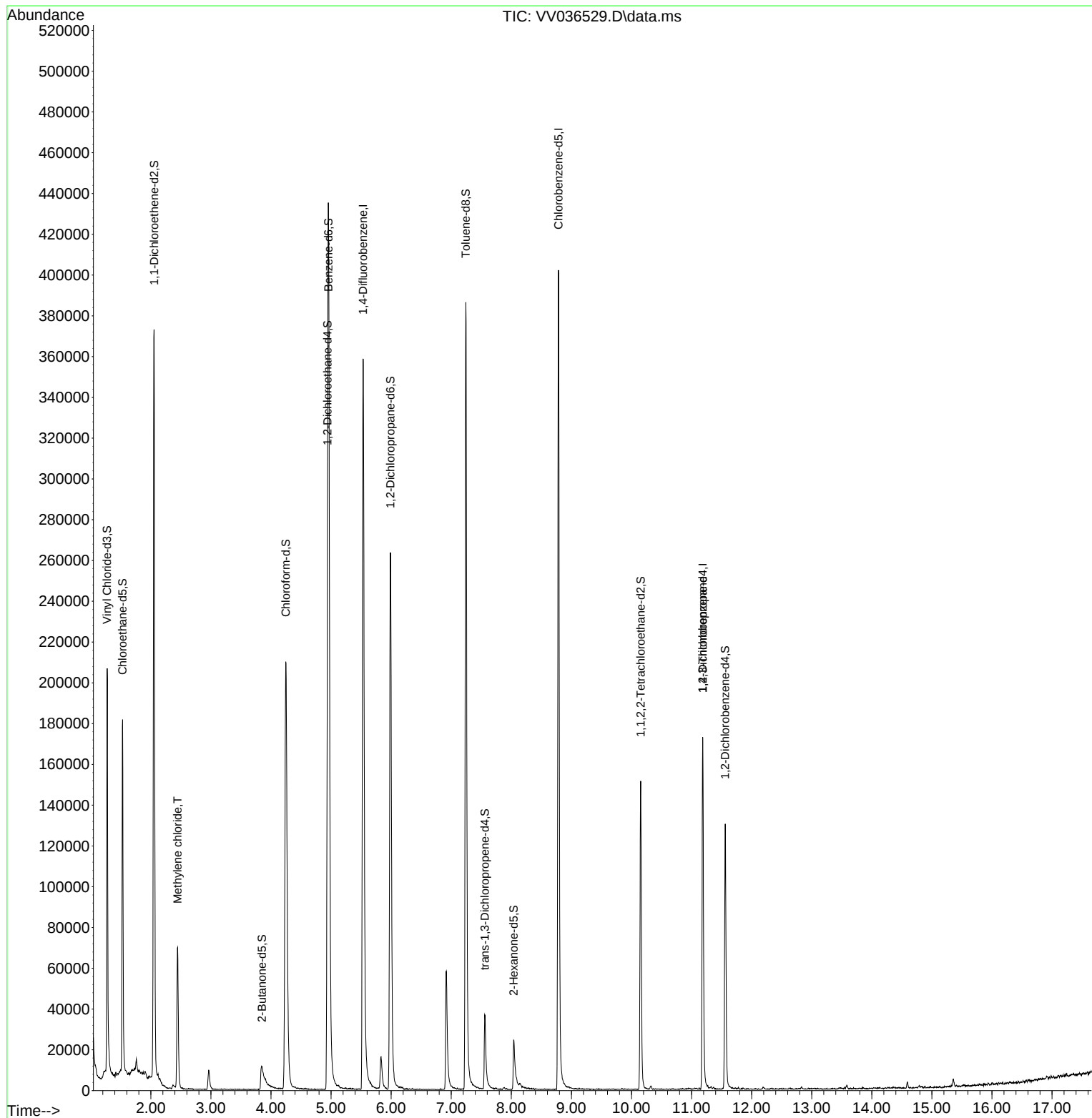
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 334195   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 244754   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 51469    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 135270   | 28.252   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 113.000%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 118088   | 28.209   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 112.840%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 60504    | 24.609   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 98.440%   |
| 21) 2-Butanone-d5             | 3.847  | 46    | 26522    | 32.364   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 64.720%   |
| 24) Chloroform-d              | 4.246  | 84    | 233866   | 24.041   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 96.160%   |
| 26) 1,2-Dichloroethane-d4     | 4.940  | 65    | 115295   | 23.896   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.600%   |
| 32) Benzene-d6                | 4.956  | 84    | 398021   | 32.597   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 130.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 126781   | 34.839   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 139.360%# |
| 41) Toluene-d8                | 7.243  | 98    | 278321   | 24.704   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 98.800%   |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 24046    | 15.893   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 63.560%   |
| 47) 2-Hexanone-d5             | 8.040  | 63    | 9398     | 23.253   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 46.500%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 71376    | 23.289   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 93.160%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 36502    | 20.898   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.600%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 16) Methylene chloride        | 2.442  | 84    | 32362    | 4.710    | ug/L   | 97        |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75    | 5033     | 5.496    | ug/L # | 56        |
| -----                         |        |       |          |          |        |           |

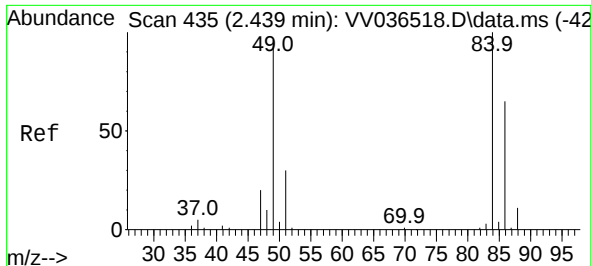
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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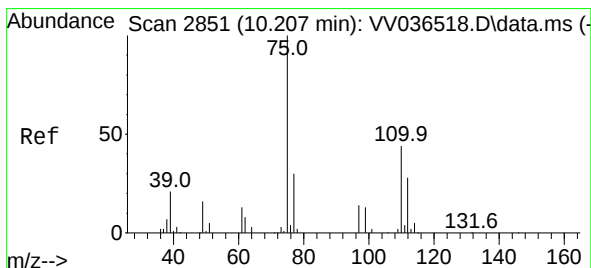
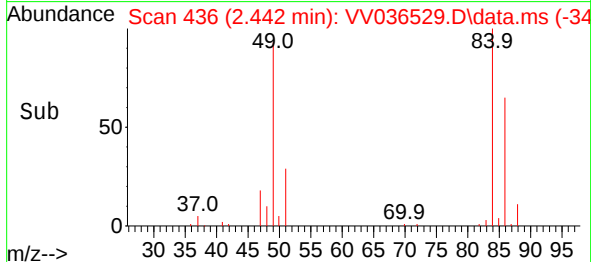
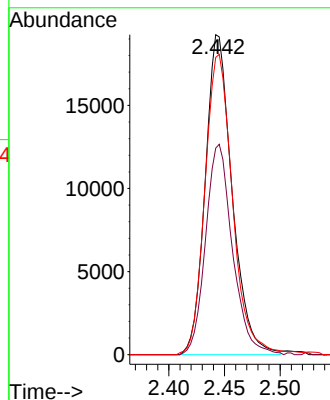
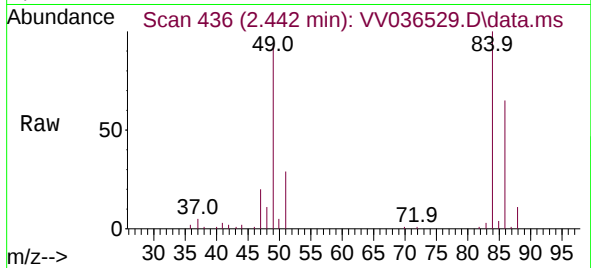




#16  
Methylene chloride  
Concen: 4.710 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036529.D  
Acq: 15 Jul 2024 15:46

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 84 Resp: 32362  
Ion Ratio Lower Upper  
84 100  
86 64.6 46.3 86.1  
49 92.9 68.1 126.5



#61  
1,2,3-Trichloropropane  
Concen: 5.496 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.977 min  
Lab File: VV036529.D  
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Tgt Ion: 75 Resp: 5033  
Ion Ratio Lower Upper  
75 100  
77 38.2 25.6 38.4  
110 0.0 34.8 52.2#

