

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072424\  
 Data File : VV036664.D  
 Acq On : 24 Jul 2024 11:08  
 Operator : SY/MD  
 Sample : P3238-25  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 25 00:51:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 25 00:49:57 2024  
 Response via : Initial Calibration

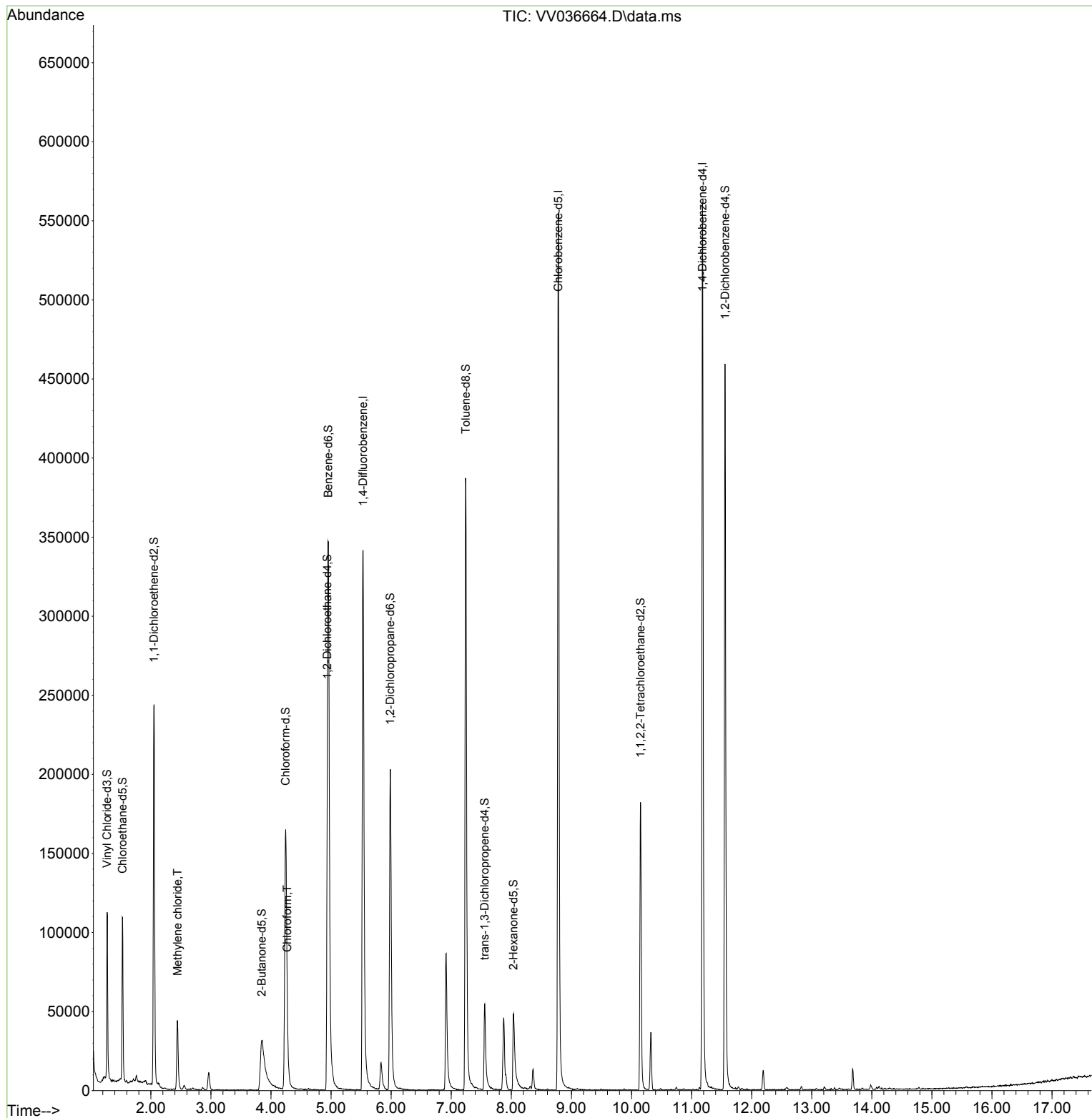
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 330301   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 345393   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 164993   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 69440    | 19.195   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.800%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 69161    | 21.167   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.680%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 38890    | 20.331   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 81.320%  |
| 21) 2-Butanone-d5             | 3.844  | 46    | 5185     | 6.141    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 12.280%# |
| 24) Chloroform-d              | 4.243  | 84    | 184865   | 21.162   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 84.640%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 97489    | 22.621   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.480%  |
| 32) Benzene-d6                | 4.953  | 84    | 322605   | 19.707   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 78.840%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 97758    | 20.959   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 83.840%  |
| 41) Toluene-d8                | 7.239  | 98    | 285459   | 18.273   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.080%  |
| 43) trans-1,3-Dichloroprop... | 7.554  | 79    | 36197    | 17.457   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.840%  |
| 47) 2-Hexanone-d5             | 8.033  | 63    | 18883    | 30.420   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 60.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 85599    | 21.056   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 84.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.557 | 152   | 132889   | 23.072   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 92.280%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.442  | 84    | 20898    | 3.400    | ug/L   | 99       |
| 25) Chloroform                | 4.272  | 83    | 5658     | 0.581    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

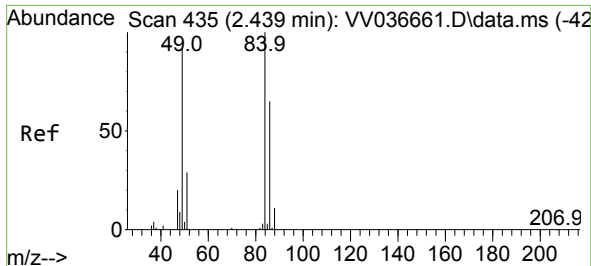
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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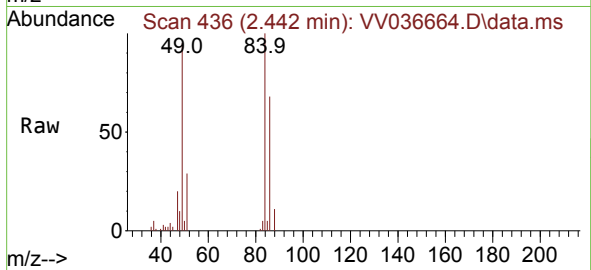
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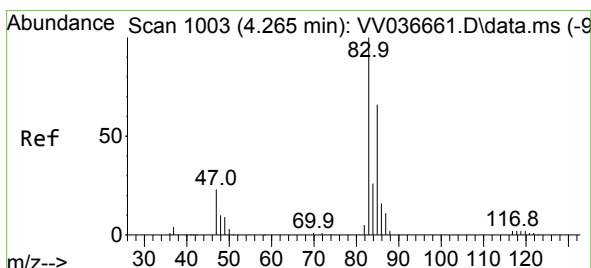
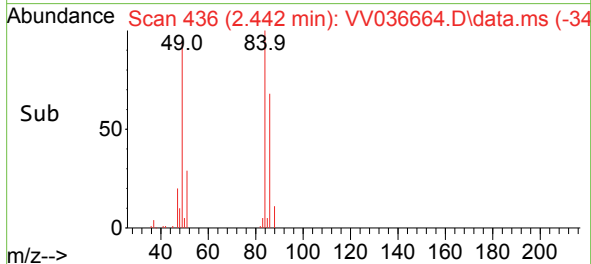
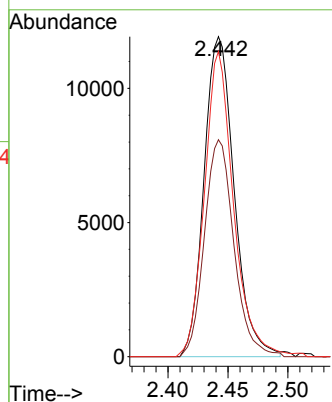


#16  
Methylene chloride  
Concen: 3.400 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036664.D  
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ClientSampleId :



Tgt Ion: 84 Resp: 20898  
Ion Ratio Lower Upper  
84 100  
86 67.8 47.2 87.6  
49 95.4 67.3 125.1



#25  
Chloroform  
Concen: 0.581 ug/L  
RT: 4.272 min Scan# 1005  
Delta R.T. 0.006 min  
Lab File: VV036664.D  
Acq: 24 Jul 2024 11:08

Tgt Ion: 83 Resp: 5658  
Ion Ratio Lower Upper  
83 100  
85 67.1 45.6 84.6

