

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092623\  
 Data File : VD077225.D  
 Acq On : 26 Sep 2023 17:40  
 Operator : JC/SY  
 Sample : 04527-09  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VHBLK001

Quant Time: Sep 27 01:31:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM092523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Sep 25 23:07:59 2023  
 Response via : Initial Calibration

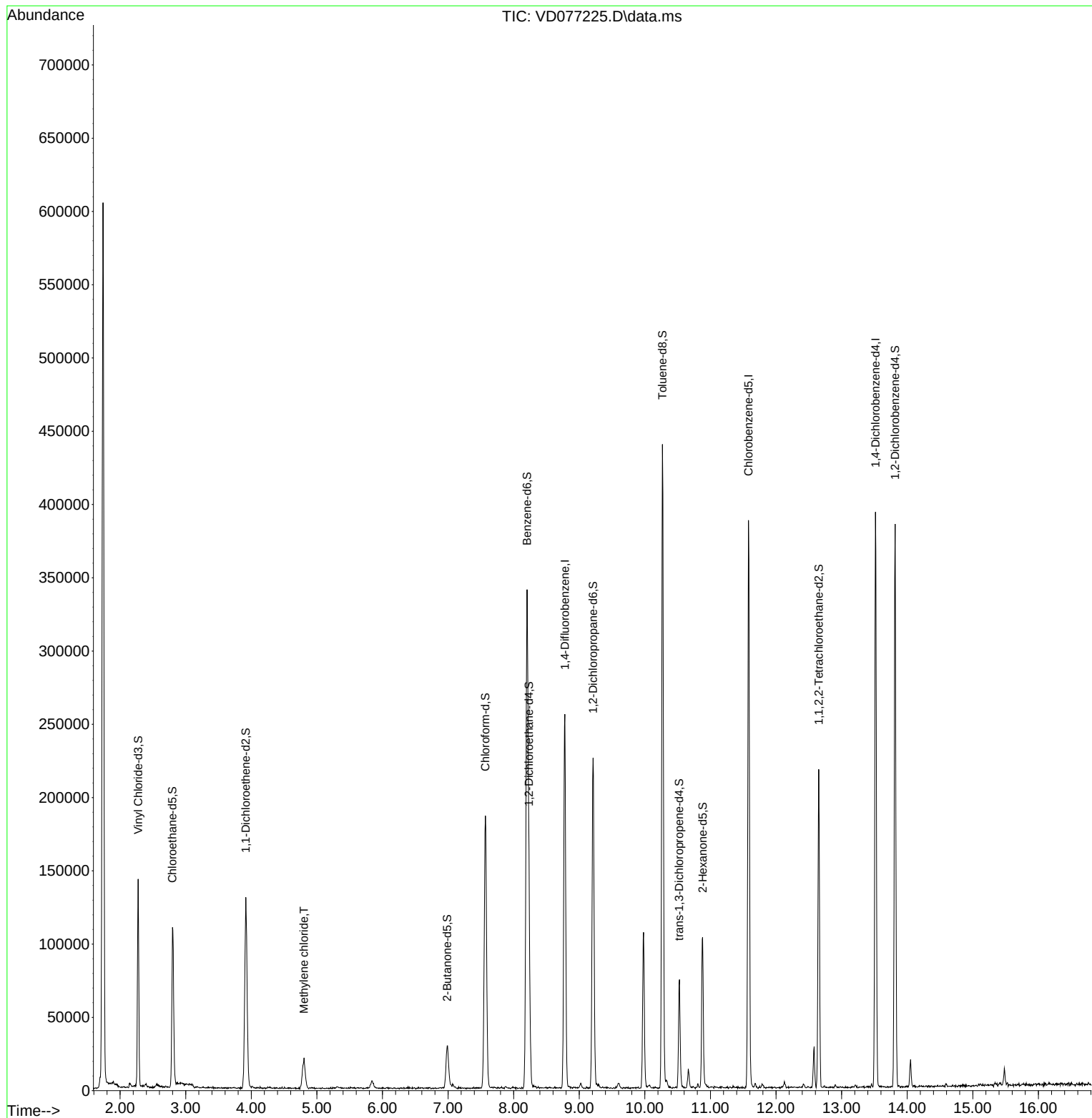
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 238641   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.580 | 117   | 231958   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 112113   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 123463   | 19.561   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 78.240%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 114044   | 28.673   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 114.680% |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 35567    | 20.028   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 80.120%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 51595    | 45.117   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.240%  |
| 24) Chloroform-d              | 7.569  | 84    | 196396   | 21.825   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 87.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 91245    | 20.384   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 81.520%  |
| 32) Benzene-d6                | 8.204  | 84    | 366087   | 21.728   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 86.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 120300   | 22.972   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 91.880%  |
| 41) Toluene-d8                | 10.269 | 98    | 313715   | 21.195   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 84.760%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 44256    | 20.783   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 83.120%  |
| 47) 2-Hexanone-d5             | 10.880 | 63    | 37317    | 44.545   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 89.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 107634   | 22.747   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 91.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 106137   | 22.965   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 91.880%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.804  | 84    | 16245    | 2.733    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

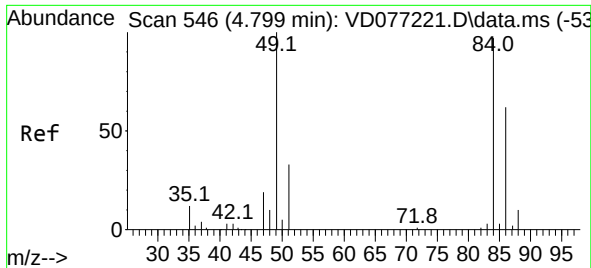
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 2.733 ug/L  
RT: 4.804 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VD077225.D  
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Tgt Ion: 84 Resp: 16245  
Ion Ratio Lower Upper  
84 100  
86 57.5 45.2 84.0  
49 104.1 73.4 136.4

