

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050823\  
 Data File : VD076043.D  
 Acq On : 08 May 2023 17:03  
 Operator : KP/SY  
 Sample : 02591-31  
 Misc : 3.58G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREF0

Quant Time: May 09 02:37:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 06 00:21:26 2023  
 Response via : Initial Calibration

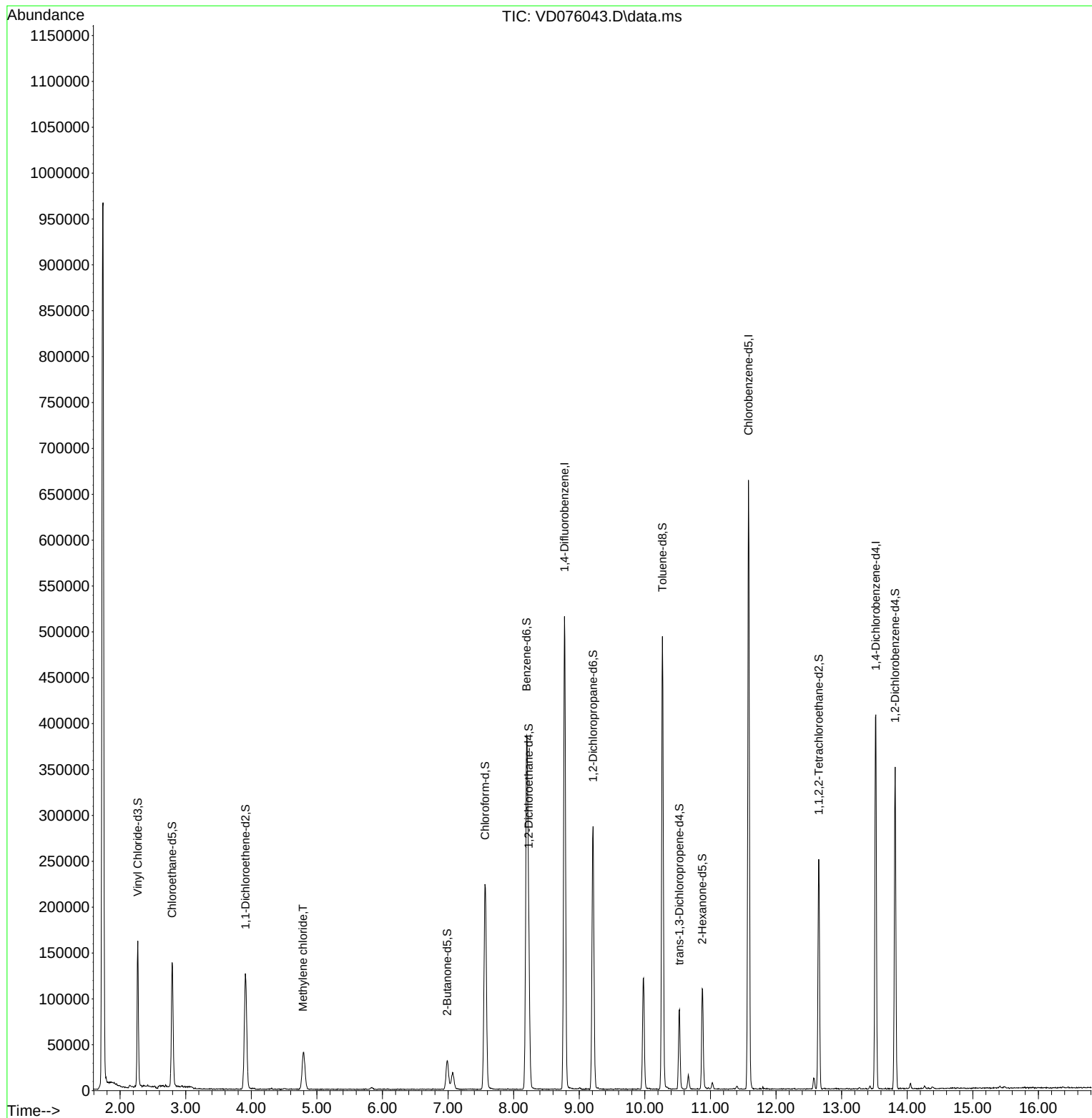
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 506855   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 423696   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 126760   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 144662   | 13.010   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 52.040%   |
| 7) Chloroethane-d5            | 2.793  | 69    | 149834   | 15.596   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 62.400%   |
| 11) 1,1-Dichloroethene-d2     | 3.910  | 65    | 34521    | 13.466   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 53.880%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 54358    | 56.313   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 112.620%  |
| 24) Chloroform-d              | 7.563  | 84    | 253474   | 19.998   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 80.000%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 108929   | 20.125   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 80.480%   |
| 32) Benzene-d6                | 8.198  | 84    | 441641   | 17.884   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 71.520%   |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 154457   | 22.597   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 90.400%   |
| 41) Toluene-d8                | 10.269 | 98    | 366616   | 15.858   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 63.440%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 51199    | 18.122   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 72.480%   |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 40953    | 49.760   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 99.520%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 130988   | 25.043   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 100.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 102318   | 22.820   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 91.280%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.787  | 84    | 17515    | 1.703    | ug/L  | Qvalue 92 |
| -----                         |        |       |          |          |       |           |

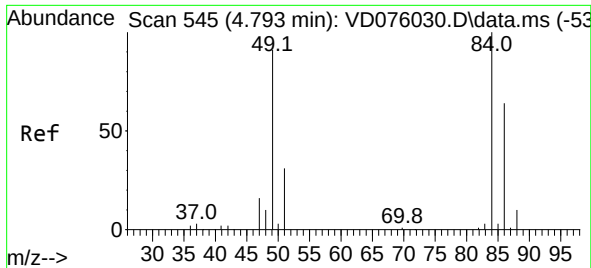
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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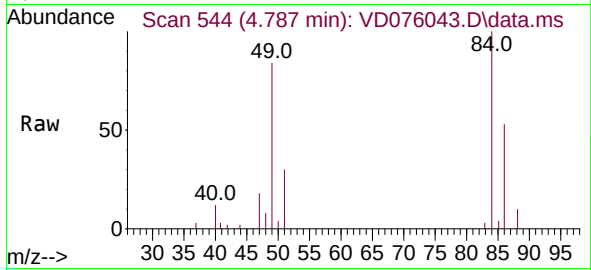
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Quant Title : SFAM01.0  
QLast Update : Sat May 06 00:21:26 2023  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 1.703 ug/L  
RT: 4.787 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VD076043.D  
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Tgt Ion: 84 Resp: 17515  
Ion Ratio Lower Upper  
84 100  
86 52.9 45.8 85.2  
49 84.3 60.8 112.8

