

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111723\  
 Data File : VD077601.D  
 Acq On : 17 Nov 2023 09:27  
 Operator : JC/SY  
 Sample : VD1117SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK164

Quant Time: Nov 18 00:25:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Nov 18 00:25:31 2023  
 Response via : Initial Calibration

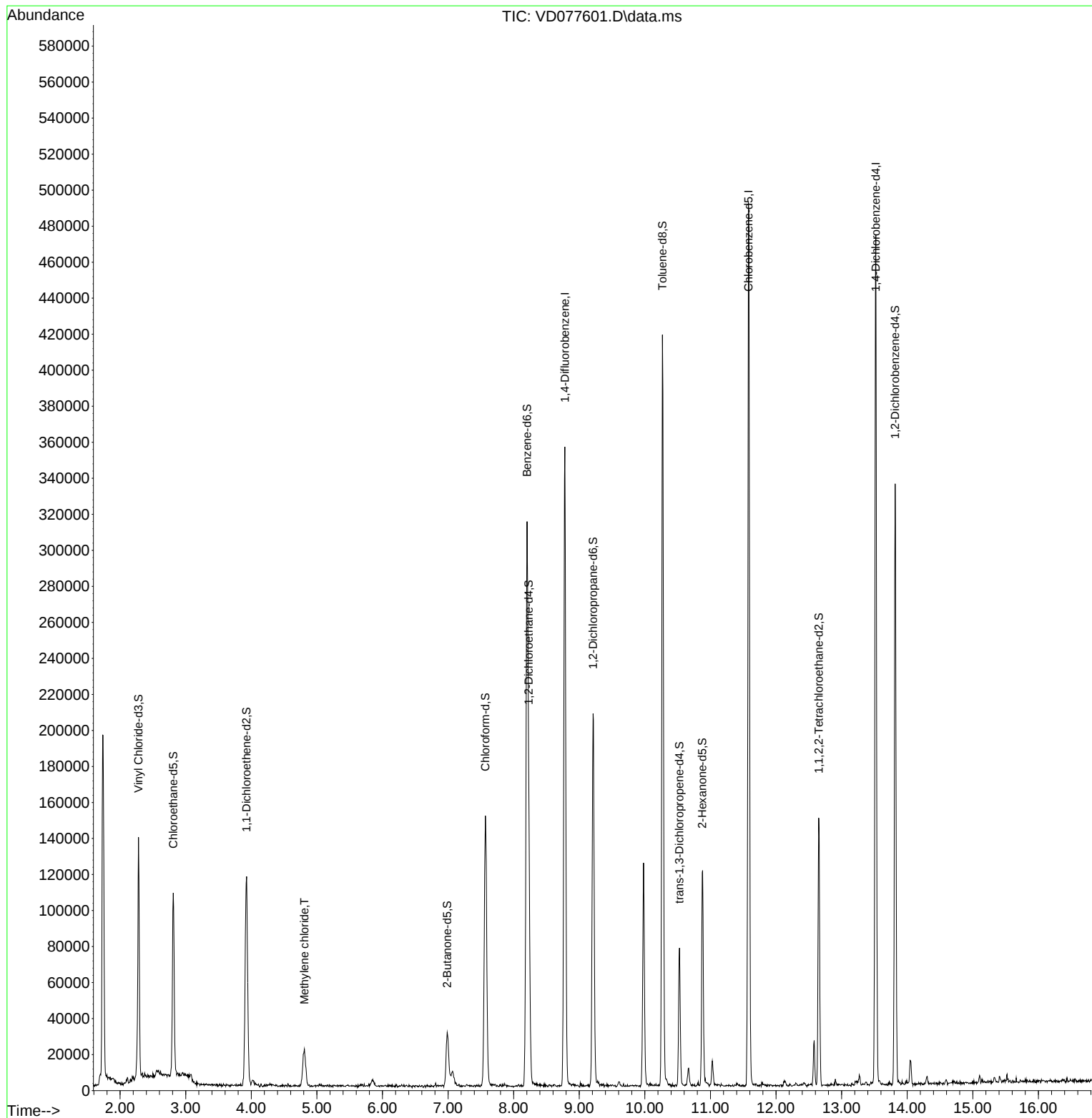
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 290649   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 266033   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 119920   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.281  | 65    | 119677   | 16.186   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 64.760%  |
| 7) Chloroethane-d5            | 2.811  | 69    | 104830   | 18.048   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 72.200%  |
| 11) 1,1-Dichloroethene-d2     | 3.928  | 65    | 36331    | 15.891   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 63.560%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 55420    | 43.293   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 86.580%  |
| 24) Chloroform-d              | 7.569  | 84    | 159211   | 18.962   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 75.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 86299    | 19.323   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 77.280%  |
| 32) Benzene-d6                | 8.204  | 84    | 308011   | 17.839   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 71.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 106645   | 18.962   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 75.840%  |
| 41) Toluene-d8                | 10.269 | 98    | 274261   | 17.578   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 70.320%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 43125    | 17.784   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 71.120%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 41677    | 41.424   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 82.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 75396    | 20.233   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 80.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 84665    | 19.846   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 79.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.810  | 84    | 14031    | 2.859    | ug/L  | 91       |
| -----                         |        |       |          |          |       |          |

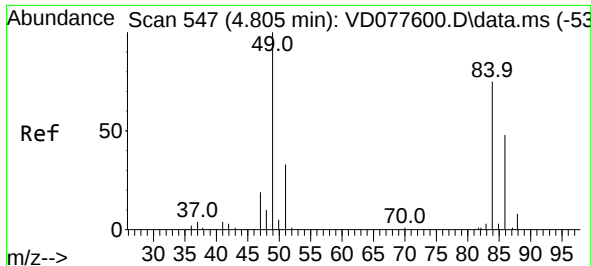
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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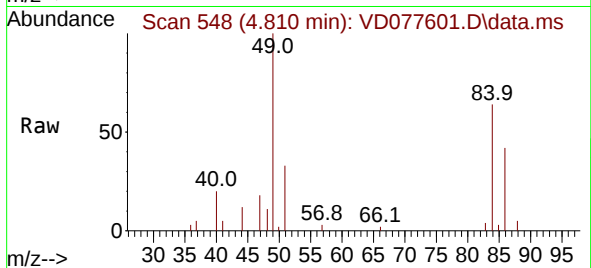
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#16  
Methylene chloride  
Concen: 2.859 ug/L  
RT: 4.810 min Scan# 54  
Delta R.T. 0.006 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 14031 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 65.1  | 46.5  | 86.5  |
| 49       | 156.5 | 98.3  | 182.7 |

