

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD082523\  
 Data File : VD077020.D  
 Acq On : 25 Aug 2023 17:21  
 Operator : JC/SY  
 Sample : 04172-05  
 Misc : 5.40G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 25 23:56:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 25 23:54:22 2023  
 Response via : Initial Calibration

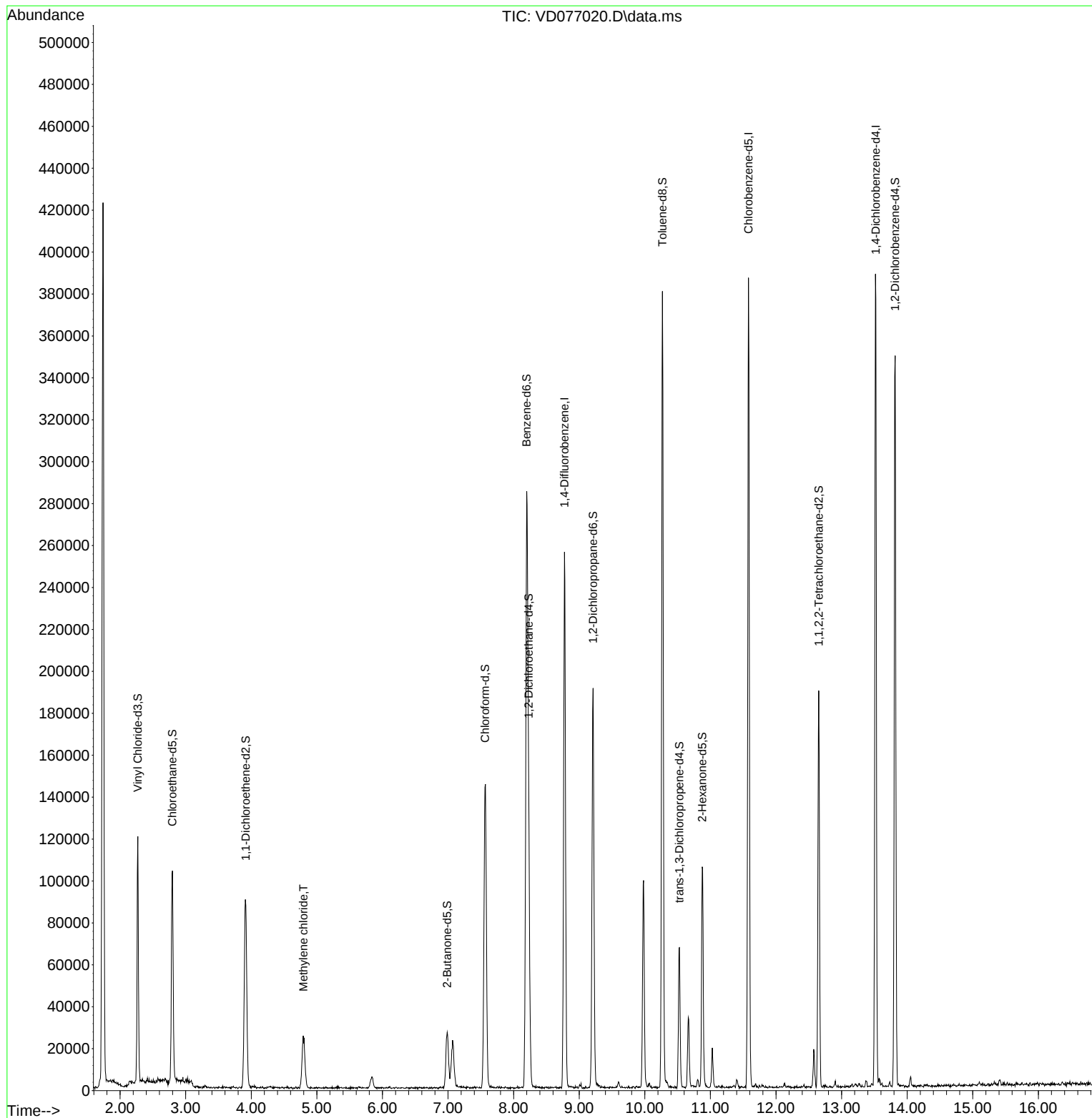
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 232123   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 233553   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 109469   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 101859   | 15.957   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 63.840%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 108197   | 18.334   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 73.320%  |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65    | 25177    | 16.645   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 66.600%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 46054    | 44.936   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 89.880%  |
| 24) Chloroform-d              | 7.563  | 84    | 160513   | 21.236   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 84.960%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 81821    | 21.715   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 86.840%  |
| 32) Benzene-d6                | 8.199  | 84    | 304490   | 20.736   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 82.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 97399    | 21.573   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 86.280%  |
| 41) Toluene-d8                | 10.269 | 98    | 267323   | 19.856   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 79.440%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 40003    | 19.598   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 78.400%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 39750    | 46.092   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 92.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 95417    | 21.872   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 87.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 102228   | 25.544   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 102.160% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.793  | 84    | 20022    | 4.112    | ug/L  | 79       |
| -----                         |        |       |          |          |       |          |

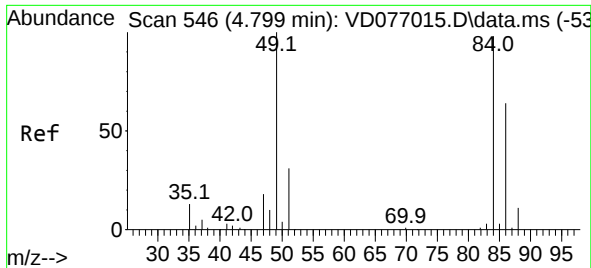
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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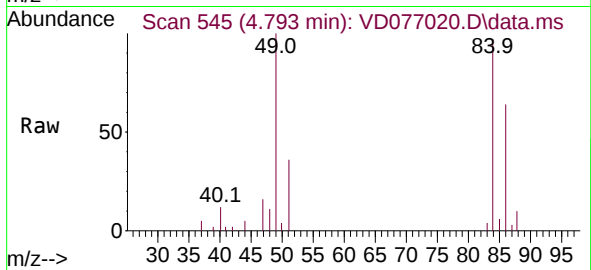
Quant Time: Aug 25 23:56:02 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 25 23:54:22 2023  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 4.112 ug/L  
RT: 4.793 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VD077020.D  
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Tgt Ion: 84 Resp: 20022

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 66.3  | 45.1  | 83.9  |
| 49  | 103.5 | 97.2  | 180.6 |

