

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD112223\  
 Data File : VD077661.D  
 Acq On : 22 Nov 2023 10:58  
 Operator : JC/SY  
 Sample : 05437-08RE  
 Misc : 7.12G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EY1E7RE

Quant Time: Nov 23 00:30:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Nov 22 01:40:25 2023  
 Response via : Initial Calibration

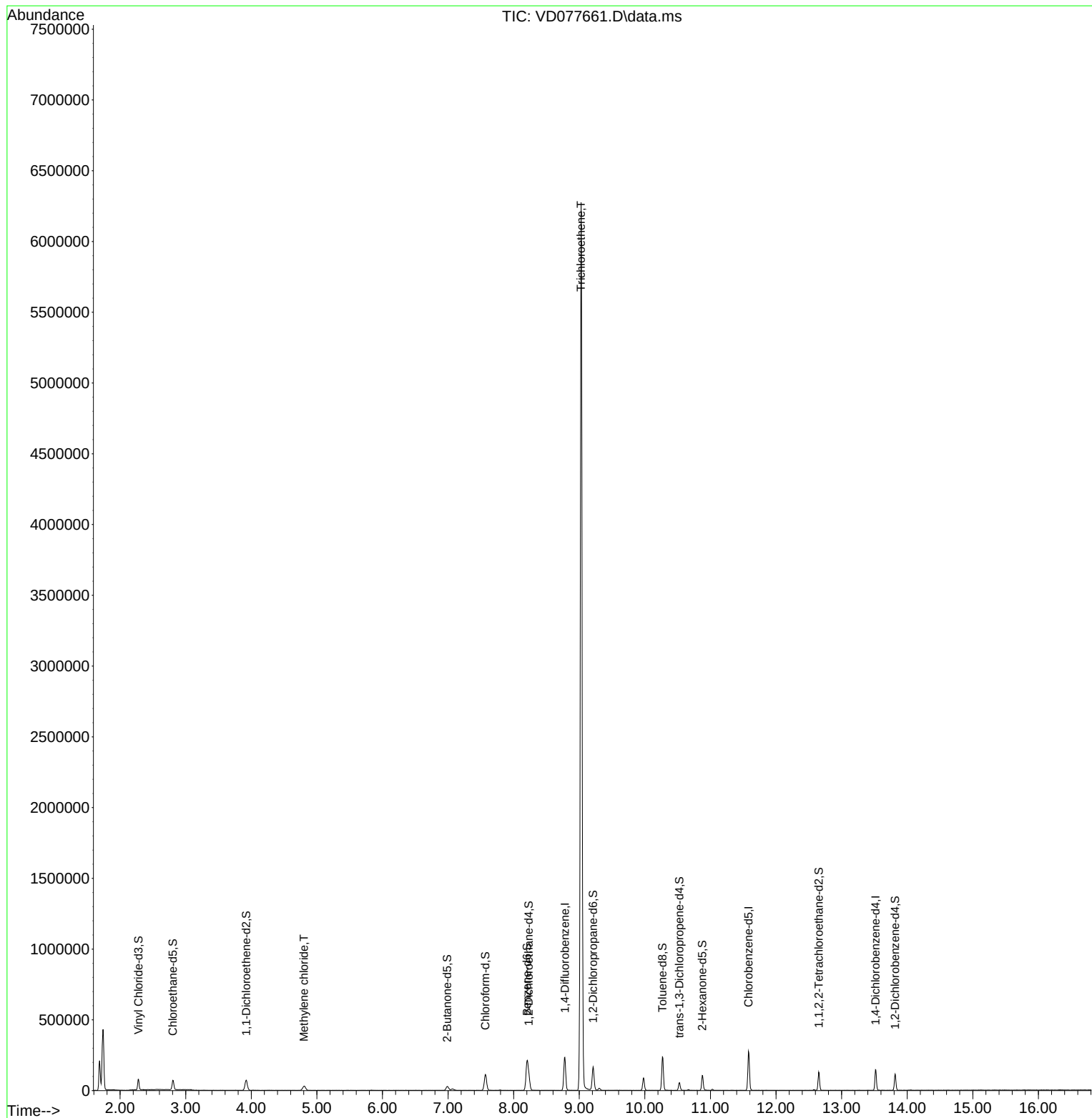
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 199302   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 149319   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 37006    | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.281  | 65    | 70405    | 13.887   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 55.560%   |
| 7) Chloroethane-d5            | 2.805  | 69    | 69140    | 17.359   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 69.440%   |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 21901    | 13.970   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 55.880%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 50680    | 57.736   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 115.480%  |
| 24) Chloroform-d              | 7.569  | 84    | 114658   | 19.915   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 79.680%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 73594    | 24.031   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 96.120%   |
| 32) Benzene-d6                | 8.204  | 84    | 211214   | 21.794   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 87.160%   |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 80555    | 25.518   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 102.080%  |
| 41) Toluene-d8                | 10.269 | 98    | 161601   | 18.453   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 73.800%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 31346    | 23.030   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 92.120%   |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 36892    | 65.329   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 130.660%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 62820    | 30.036   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 120.160%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 29687    | 22.550   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 90.200%   |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 4.804  | 84    | 22305    | 6.629    | ug/L  | 92        |
| 34) Trichloroethene           | 9.028  | 95    | 2090802  | 814.875  | ug/L  | 91        |
| -----                         |        |       |          |          |       |           |

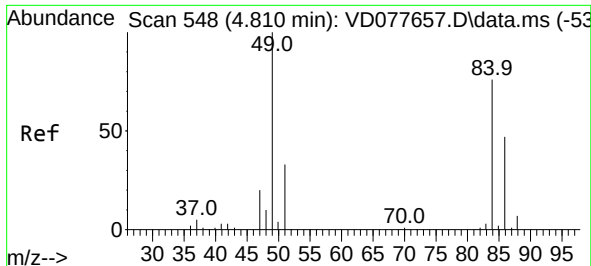
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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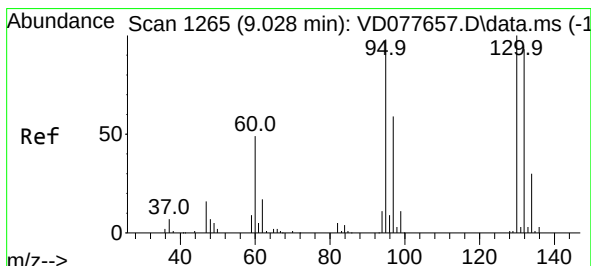
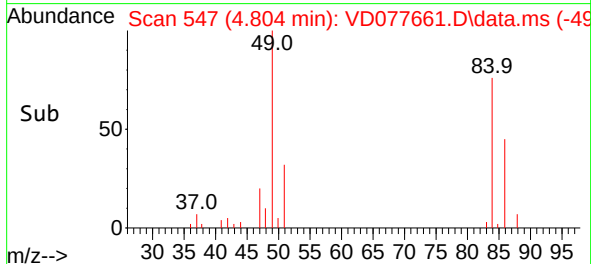
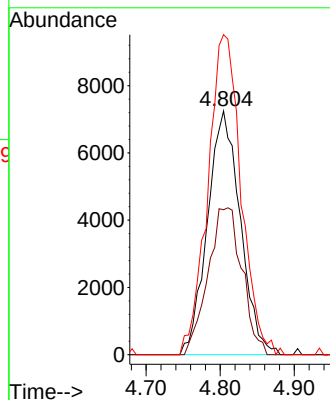
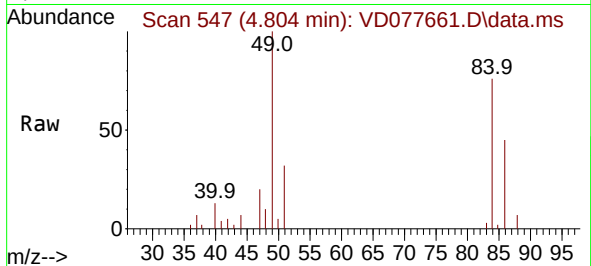




#16  
Methylene chloride  
Concen: 6.629 ug/L  
RT: 4.804 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VD077661.D  
Acq: 22 Nov 2023 10:58

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 22305 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 59.5  | 46.5  | 86.5  |
| 49       | 131.3 | 98.3  | 182.7 |



#34  
Trichloroethene  
Concen: 814.875 ug/L  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.006 min  
Lab File: VD077661.D  
Acq: 22 Nov 2023 10:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 95    | Resp: | 2090802 |
| Ion      | Ratio | Lower | Upper   |
| 95       | 100   |       |         |
| 97       | 63.2  | 42.4  | 78.6    |
| 132      | 95.2  | 59.4  | 110.2   |
| 130      | 100.2 | 62.5  | 116.1   |

