

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD113023\  
 Data File : VD077708.D  
 Acq On : 30 Nov 2023 11:10  
 Operator : JC/SY  
 Sample : VD1130SBL02  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK174

Quant Time: Nov 30 23:01:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Nov 30 23:00:23 2023  
 Response via : Initial Calibration

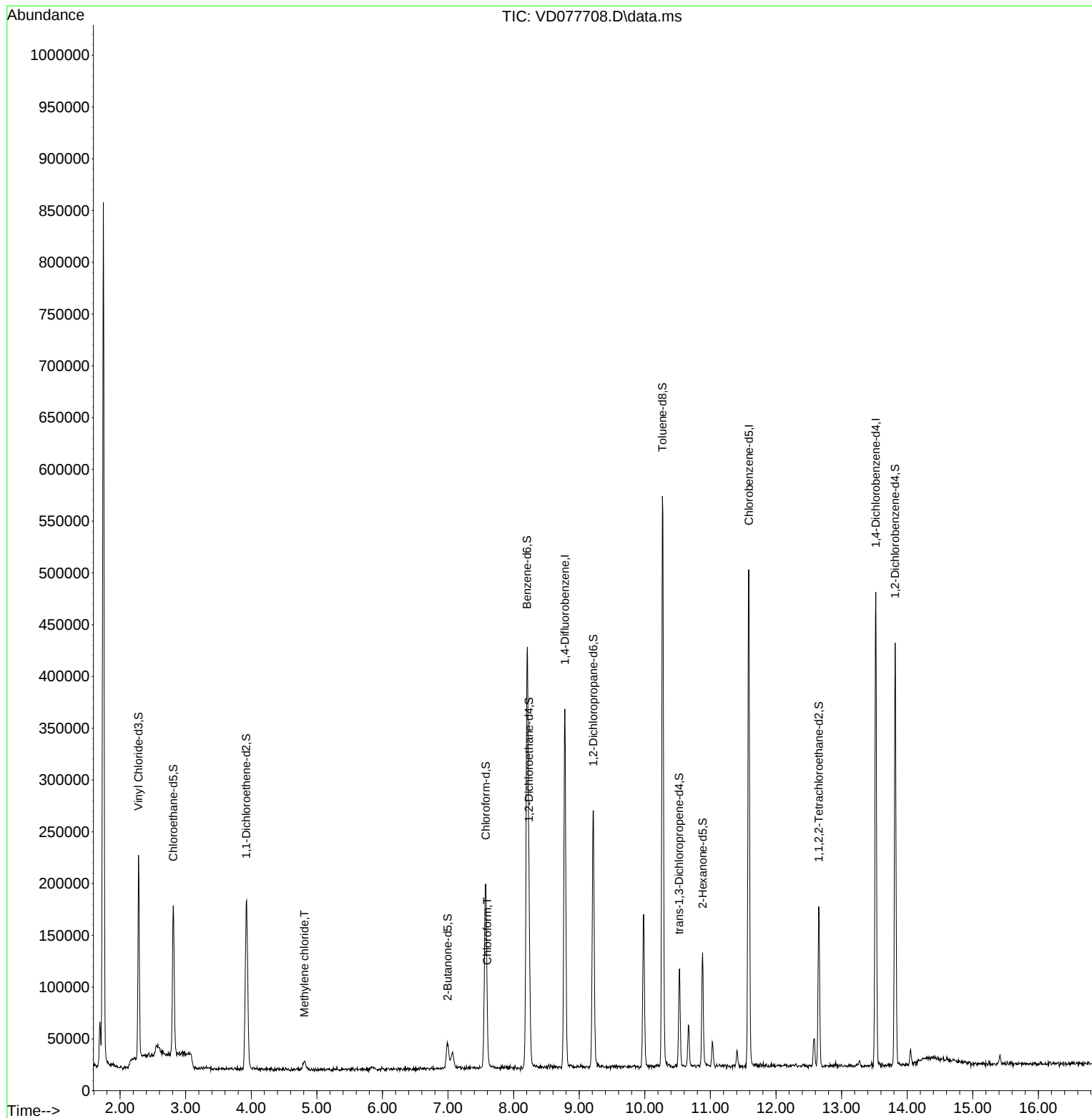
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 302192   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.587 | 117   | 276313   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 121489   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.281  | 65    | 175474   | 21.293   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 85.160%  |
| 7) Chloroethane-d5            | 2.811  | 69    | 149159   | 22.708   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 90.840%  |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 48316    | 22.612   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 90.440%  |
| 21) 2-Butanone-d5             | 6.993  | 46    | 43689    | 41.947   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 83.900%  |
| 24) Chloroform-d              | 7.575  | 84    | 190332   | 23.369   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 93.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 99692    | 24.158   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 96.640%  |
| 32) Benzene-d6                | 8.205  | 84    | 418024   | 25.120   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 100.480% |
| 36) 1,2-Dichloropropane-d6    | 9.216  | 67    | 125632   | 24.743   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 98.960%  |
| 41) Toluene-d8                | 10.269 | 98    | 380994   | 24.873   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 99.480%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 53890    | 24.001   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 96.000%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 38359    | 43.841   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 87.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 79918    | 21.781   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 87.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 109140   | 25.112   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 100.440% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.811  | 84    | 6185     | 1.153    | ug/L  | 91       |
| 25) Chloroform                | 7.599  | 83    | 6878     | 0.865    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

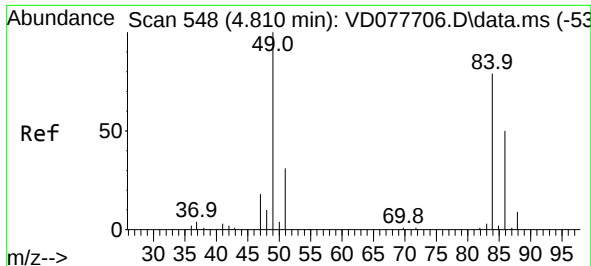
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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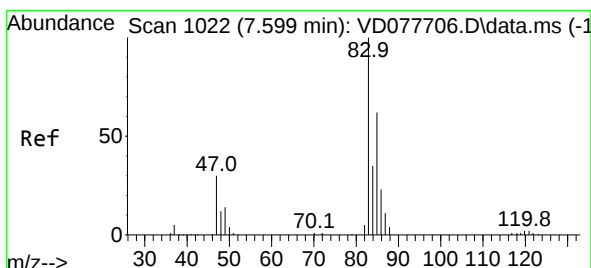
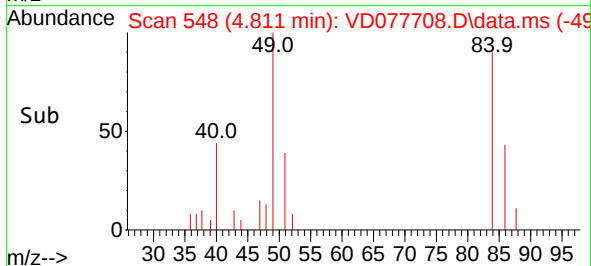
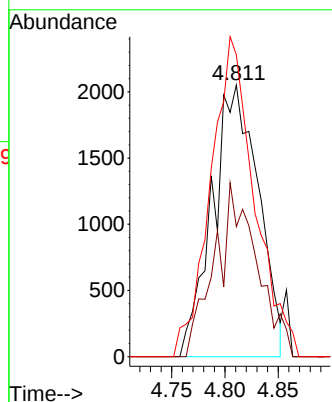
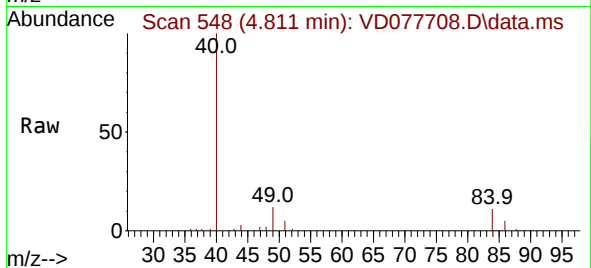




#16  
Methylene chloride  
Concen: 1.153 ug/L  
RT: 4.811 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VD077708.D  
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Tgt Ion: 84 Resp: 6185  
Ion Ratio Lower Upper  
84 100  
86 47.9 40.1 74.5  
49 111.1 83.2 154.6



#25  
Chloroform  
Concen: 0.865 ug/L  
RT: 7.599 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VD077708.D  
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Tgt Ion: 83 Resp: 6878  
Ion Ratio Lower Upper  
83 100  
85 68.6 48.9 90.9

