

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091423\  
 Data File : VD077115.D  
 Acq On : 14 Sep 2023 11:25  
 Operator : JC/SY  
 Sample : 04386-01  
 Misc : 2.91G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AE9

Quant Time: Sep 14 23:20:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM090123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 02 01:35:39 2023  
 Response via : Initial Calibration

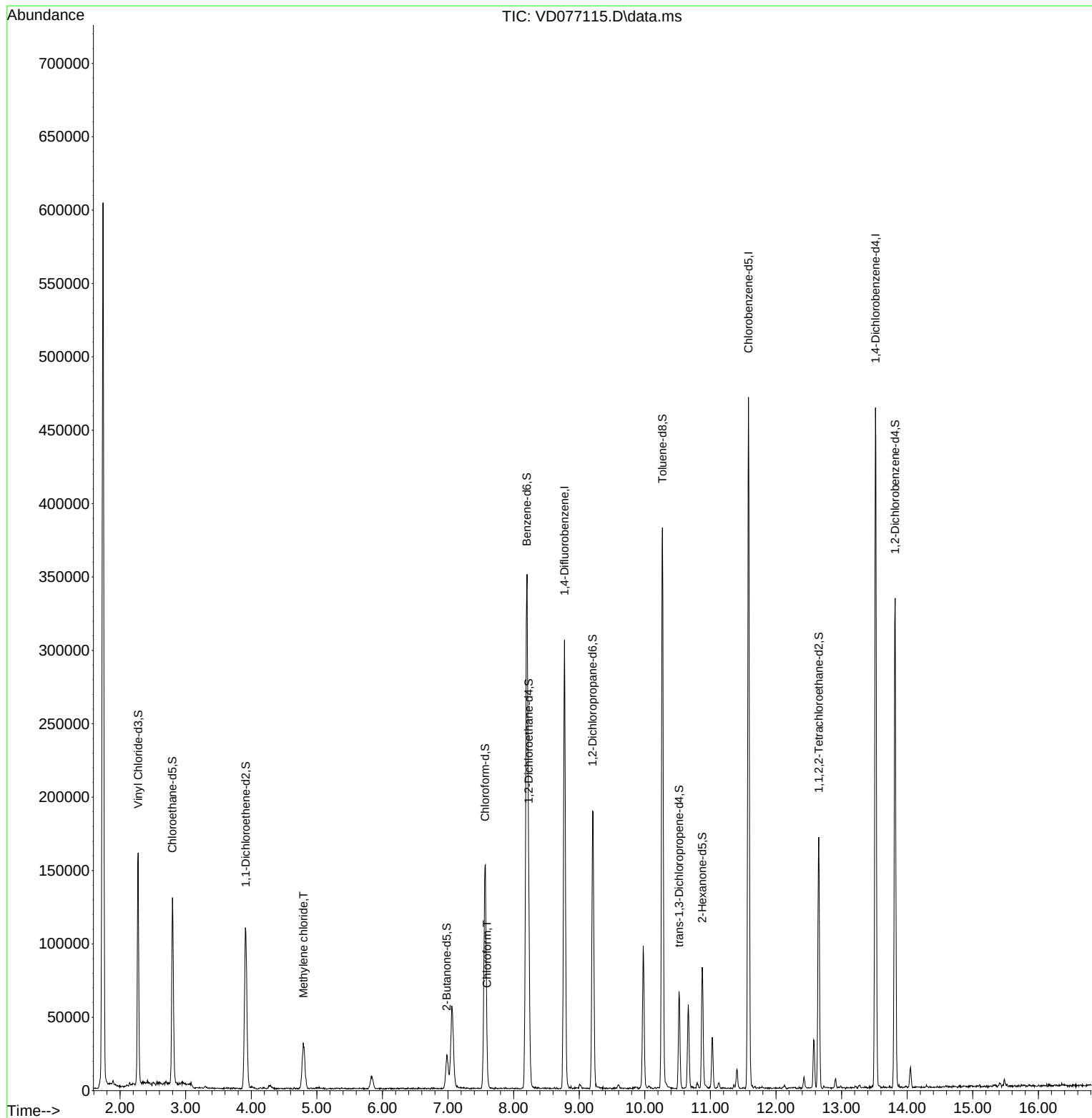
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 278694   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 284634   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 133363   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.276  | 65    | 144204   | 20.999   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 84.000%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 128083   | 22.681   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 90.720%  |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65    | 30086    | 19.287   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 77.160%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 38963    | 45.038   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.080%  |
| 24) Chloroform-d              | 7.563  | 84    | 162945   | 21.367   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 85.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 85675    | 23.704   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 94.800%  |
| 32) Benzene-d6                | 8.199  | 84    | 321682   | 20.462   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 81.840%  |
| 36) 1,2-Dichloropropane-d6    | 9.205  | 67    | 94955    | 21.062   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 84.240%  |
| 41) Toluene-d8                | 10.269 | 98    | 281681   | 19.574   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 78.280%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 36692    | 17.862   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 71.440%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 29419    | 40.857   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 81.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 86093    | 21.421   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 85.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 95015    | 22.197   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 88.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.793  | 84    | 24107    | 4.250    | ug/L  | 92       |
| 25) Chloroform                | 7.593  | 83    | 3510     | 0.458    | ug/L  | 79       |
| -----                         |        |       |          |          |       |          |

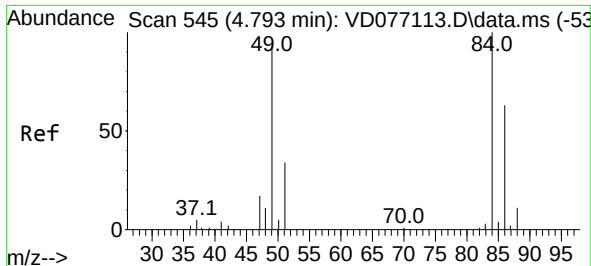
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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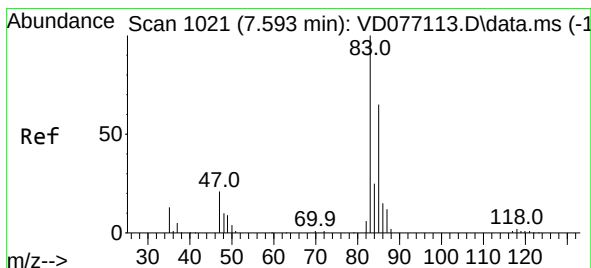
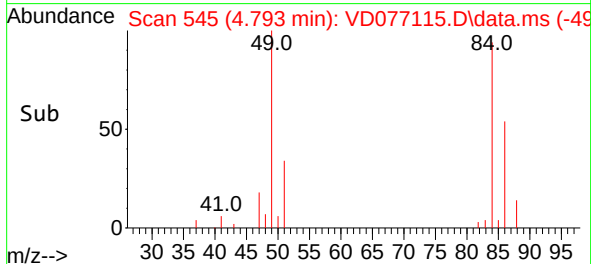
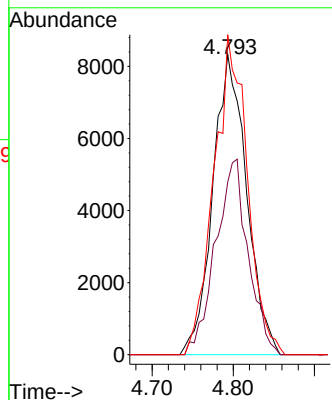
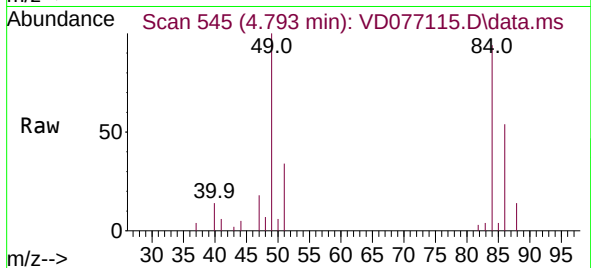




#16  
Methylene chloride  
Concen: 4.250 ug/L  
RT: 4.793 min Scan# 545  
Delta R.T. -0.012 min  
Lab File: VD077115.D  
Acq: 14 Sep 2023 11:25

Instrument :  
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C0AE9

Tgt Ion: 84 Resp: 24107  
Ion Ratio Lower Upper  
84 100  
86 57.5 45.3 84.1  
49 106.6 69.2 128.6



#25  
Chloroform  
Concen: 0.458 ug/L  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.006 min  
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Tgt Ion: 83 Resp: 3510  
Ion Ratio Lower Upper  
83 100  
85 49.1 46.2 85.8

