

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100323\  
 Data File : VW027203.D  
 Acq On : 03 Oct 2023 15:55  
 Operator : SY/MD  
 Sample : 04707-05  
 Misc : 6.12g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 04 01:40:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 04 01:37:43 2023  
 Response via : Initial Calibration

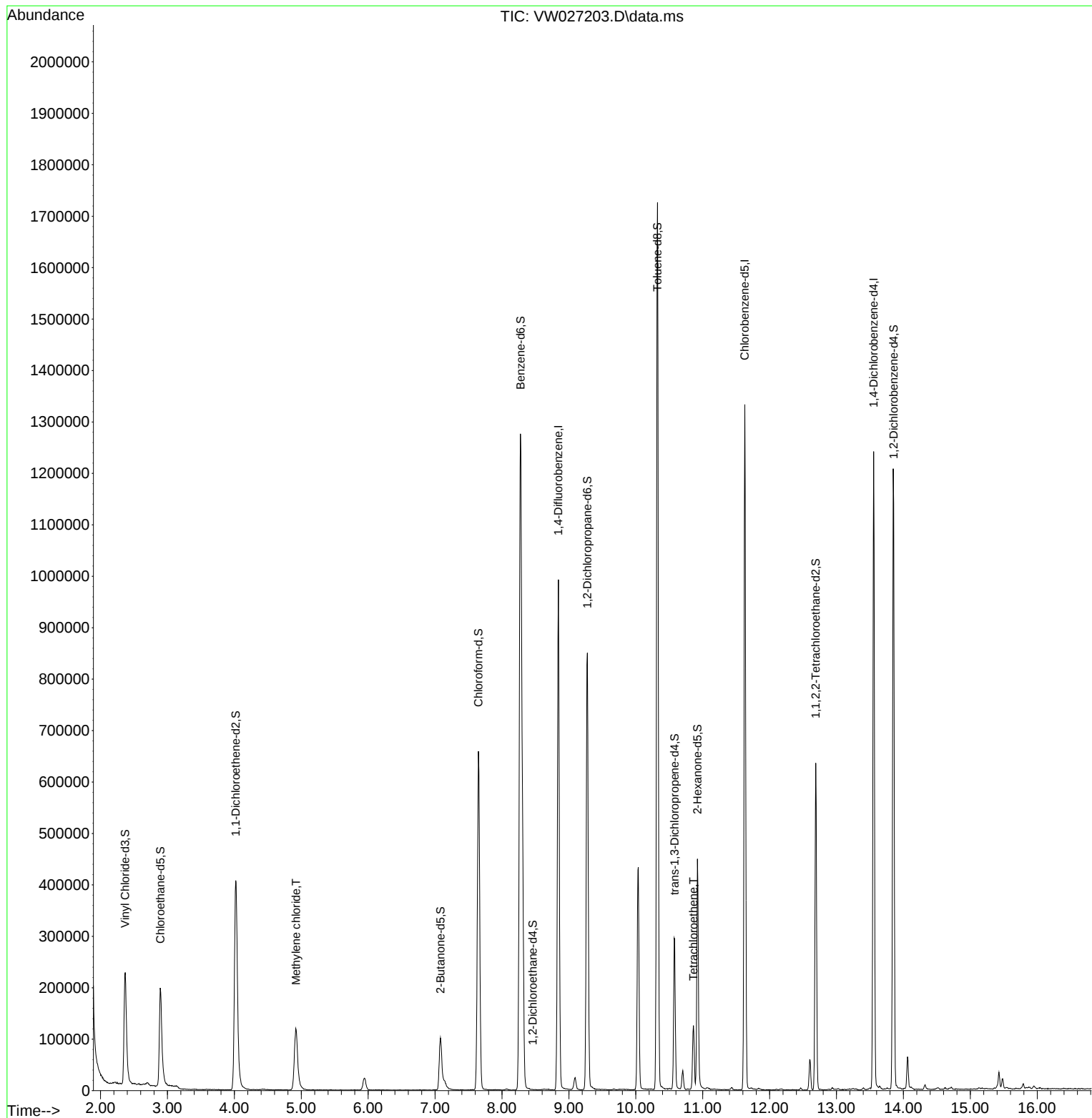
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 824215   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 765824   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 337544   | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 350960   | 27.102   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 108.400%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 287751   | 28.115   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 112.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 146954   | 27.313   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 109.240%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 173932   | 64.971   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 129.940%  |
| 24) Chloroform-d              | 7.648  | 84    | 670132   | 27.781   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 111.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.459  | 65    | 144      | 0.012    | ug/L  | 0.15      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 0.040%#   |
| 32) Benzene-d6                | 8.276  | 84    | 1396405  | 29.752   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 119.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 427801   | 30.445   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 121.800%# |
| 41) Toluene-d8                | 10.325 | 98    | 1197410  | 28.911   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 115.640%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 173510   | 31.466   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 125.880%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 151640   | 70.547   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 141.100%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 325483   | 30.268   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 121.080%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 316708   | 27.984   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 111.920%  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 4.923  | 84    | 106400   | 6.595    | ug/L  | 97        |
| 46) Tetrachloroethene         | 10.861 | 164   | 29389    | 2.645    | ug/L  | 94        |
| -----                         |        |       |          |          |       |           |

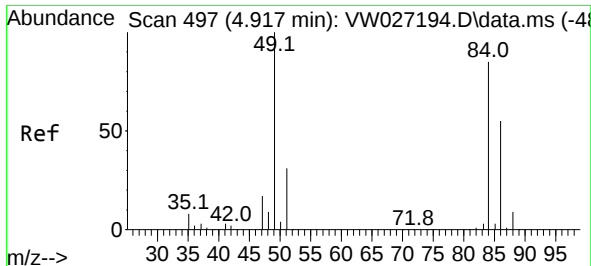
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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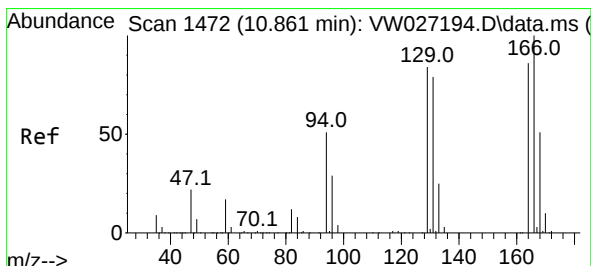
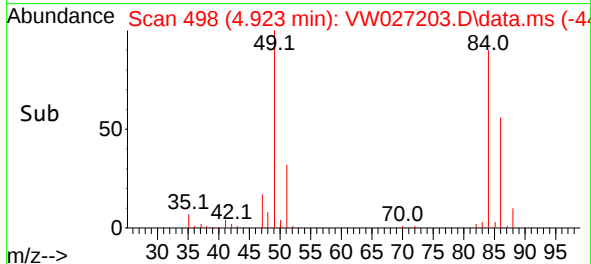
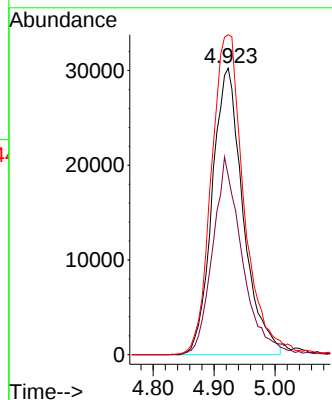
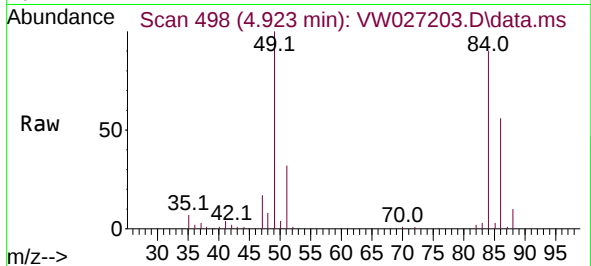




#16  
Methylene chloride  
Concen: 6.595 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW027203.D  
Acq: 03 Oct 2023 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 84 Resp: 106400  
Ion Ratio Lower Upper  
84 100  
86 62.5 45.1 83.9  
49 111.7 80.9 150.3



#46  
Tetrachloroethene  
Concen: 2.645 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW027203.D  
Acq: 03 Oct 2023 15:55

Tgt Ion:164 Resp: 29389  
Ion Ratio Lower Upper  
164 100  
129 89.9 60.3 112.1  
131 84.3 66.1 122.7  
166 122.7 89.4 166.0

