

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102723\  
 Data File : VW027467.D  
 Acq On : 27 Oct 2023 15:56  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 30 01:57:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Oct 27 01:27:32 2023  
 Response via : Initial Calibration

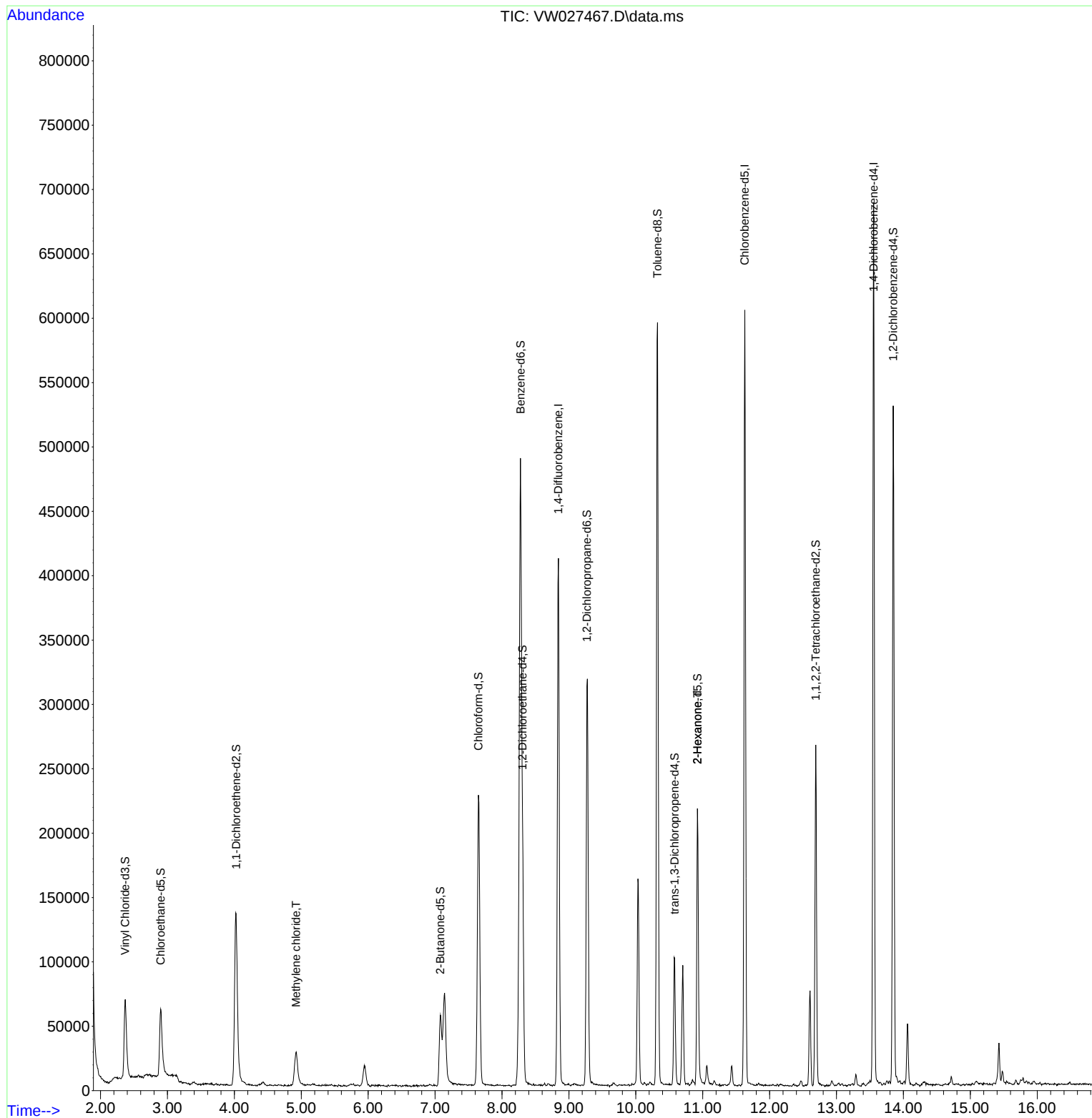
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 332559   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 310448   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 162029   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.368  | 65    | 96644    | 19.042   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 76.160%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 80293    | 22.033   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 88.120%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 48685    | 19.144   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 76.560%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 100444   | 59.542   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 119.080%  |
| 24) Chloroform-d              | 7.648  | 84    | 230419   | 23.247   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 93.000%   |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 130061   | 24.427   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 97.720%   |
| 32) Benzene-d6                | 8.276  | 84    | 459739   | 21.888   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 87.560%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 152834   | 23.823   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 95.280%   |
| 41) Toluene-d8                | 10.324 | 98    | 393882   | 20.680   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 82.720%   |
| 43) trans-1,3-Dichloroprop... | 10.580 | 79    | 55884    | 19.105   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 76.440%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 71056    | 53.533   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 107.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 134940   | 28.192   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 112.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 129787   | 22.104   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 88.400%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.923  | 84    | 19896    | 3.268    | ug/L  | Qvalue 94 |
| 48) 2-Hexanone                | 10.922 | 43    | 8634     | 3.092    | ug/L  | # 70      |
| -----                         |        |       |          |          |       |           |

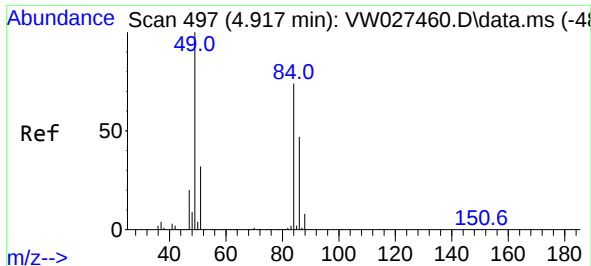
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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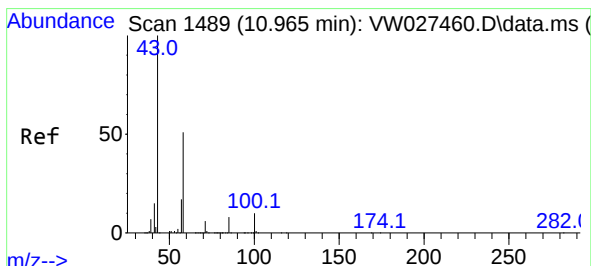
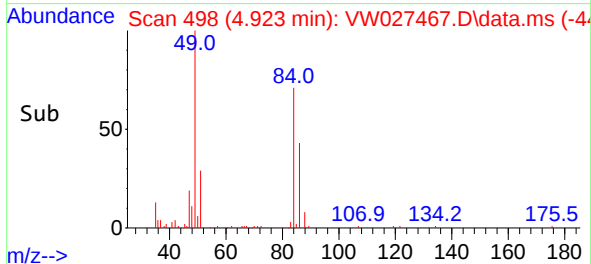
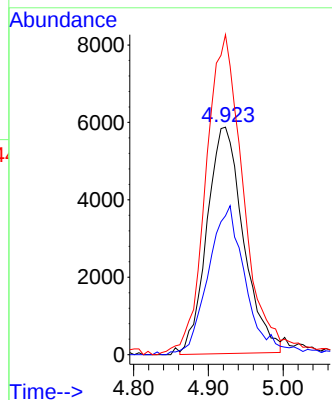
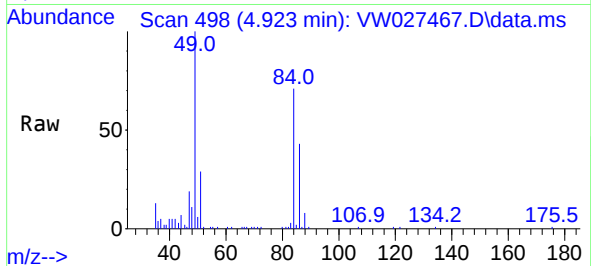




#16  
Methylene chloride  
Concen: 3.268 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW027467.D  
Acq: 27 Oct 2023 15:56

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 84 Resp: 19896  
Ion Ratio Lower Upper  
84 100  
86 61.1 41.3 76.7  
49 140.7 92.8 172.4



#48  
2-Hexanone  
Concen: 3.092 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW027467.D  
Acq: 27 Oct 2023 15:56

Tgt Ion: 43 Resp: 8634  
Ion Ratio Lower Upper  
43 100  
58 27.6 42.2 63.4#  
57 25.5 15.1 22.7#  
100 1.1 9.0 13.4#

