

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041924\  
 Data File : VW028491.D  
 Acq On : 19 Apr 2024 13:04  
 Operator : SY/MD  
 Sample : P2164-08  
 Misc : 5.20g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 19 21:46:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 19 21:45:04 2024  
 Response via : Initial Calibration

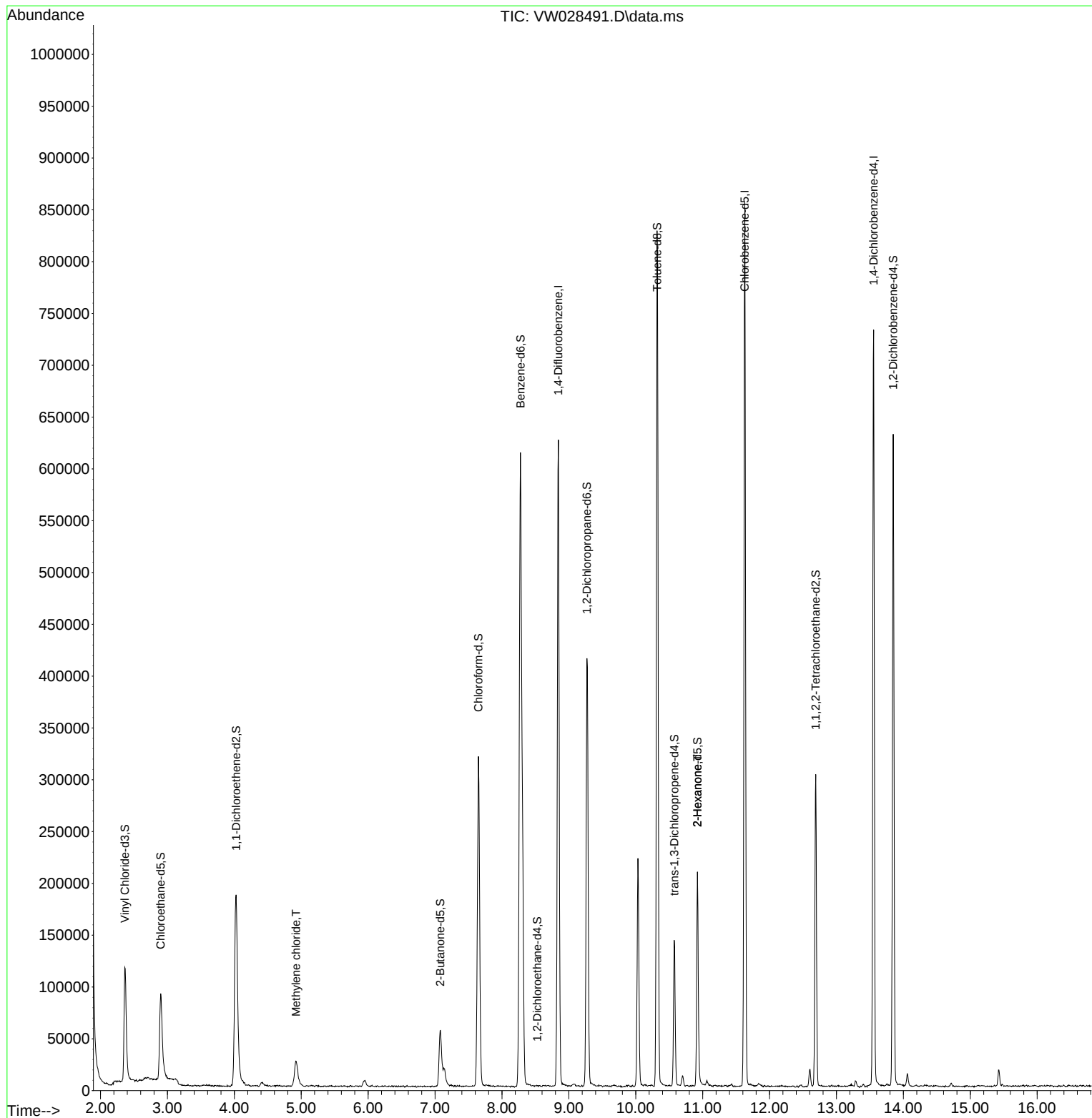
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 488780   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 436306   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 176276   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 163721   | 20.894   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.560%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 132300   | 22.276   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.120%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 70004    | 21.096   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 84.400%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 94205    | 64.246   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 128.500% |
| 24) Chloroform-d              | 7.648  | 84    | 303188   | 23.771   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.526  | 65    | 95       | 0.014    | ug/L   | 0.22     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.276  | 84    | 594834   | 24.956   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.840%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 183234   | 25.863   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 103.440% |
| 41) Toluene-d8                | 10.319 | 98    | 529503   | 24.431   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 97.720%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 74411    | 26.414   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 105.640% |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 65642    | 66.887   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 133.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 147815   | 29.571   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 118.280% |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 152276   | 27.315   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 109.280% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.923  | 84    | 21370    | 2.889    | ug/L   | 98       |
| 48) 2-Hexanone                | 10.922 | 43    | 10230    | 3.621    | ug/L # | 73       |
| -----                         |        |       |          |          |        |          |

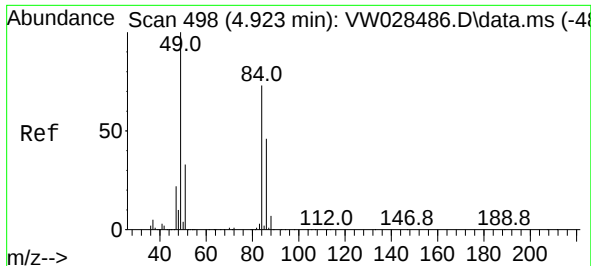
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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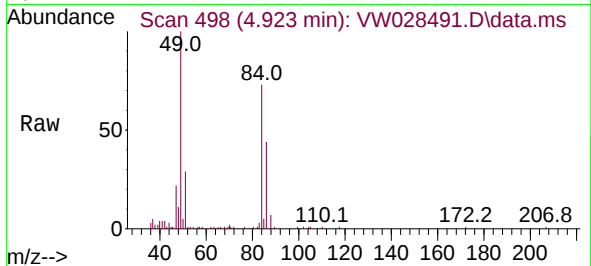
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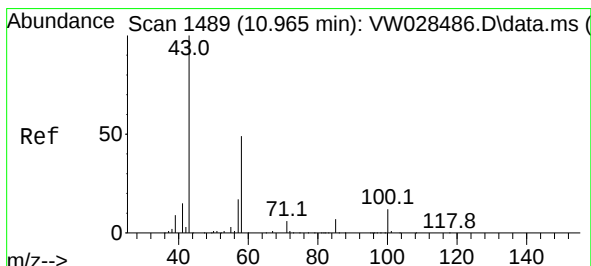
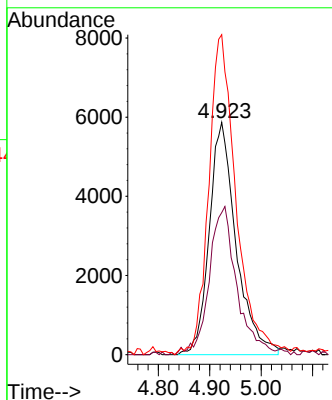
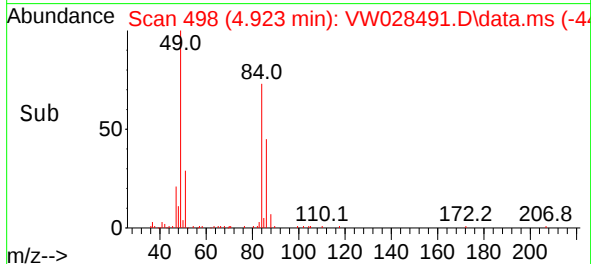


#16  
Methylene chloride  
Concen: 2.889 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: VW028491.D  
Acq: 19 Apr 2024 13:04

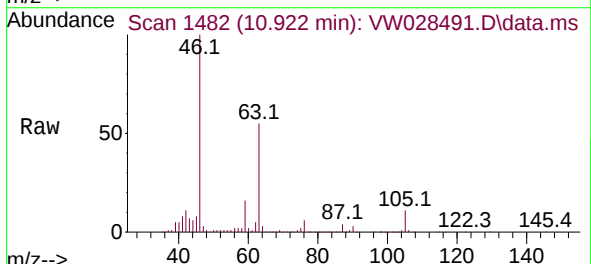
Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 84 Resp: 21370  
Ion Ratio Lower Upper  
84 100  
86 61.2 44.2 82.0  
49 137.8 95.0 176.4



#48  
2-Hexanone  
Concen: 3.621 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW028491.D  
Acq: 19 Apr 2024 13:04



Tgt Ion: 43 Resp: 10230  
Ion Ratio Lower Upper  
43 100  
58 25.9 38.9 58.3#  
57 23.3 14.4 21.6#  
100 2.9 8.7 13.1#

