

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041823\  
 Data File : VW025573.D  
 Acq On : 18 Apr 2023 14:53  
 Operator : SY/MD  
 Sample : 02396-02  
 Misc : 5.19g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C11C9

Quant Time: Apr 19 04:11:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 19 04:10:43 2023  
 Response via : Initial Calibration

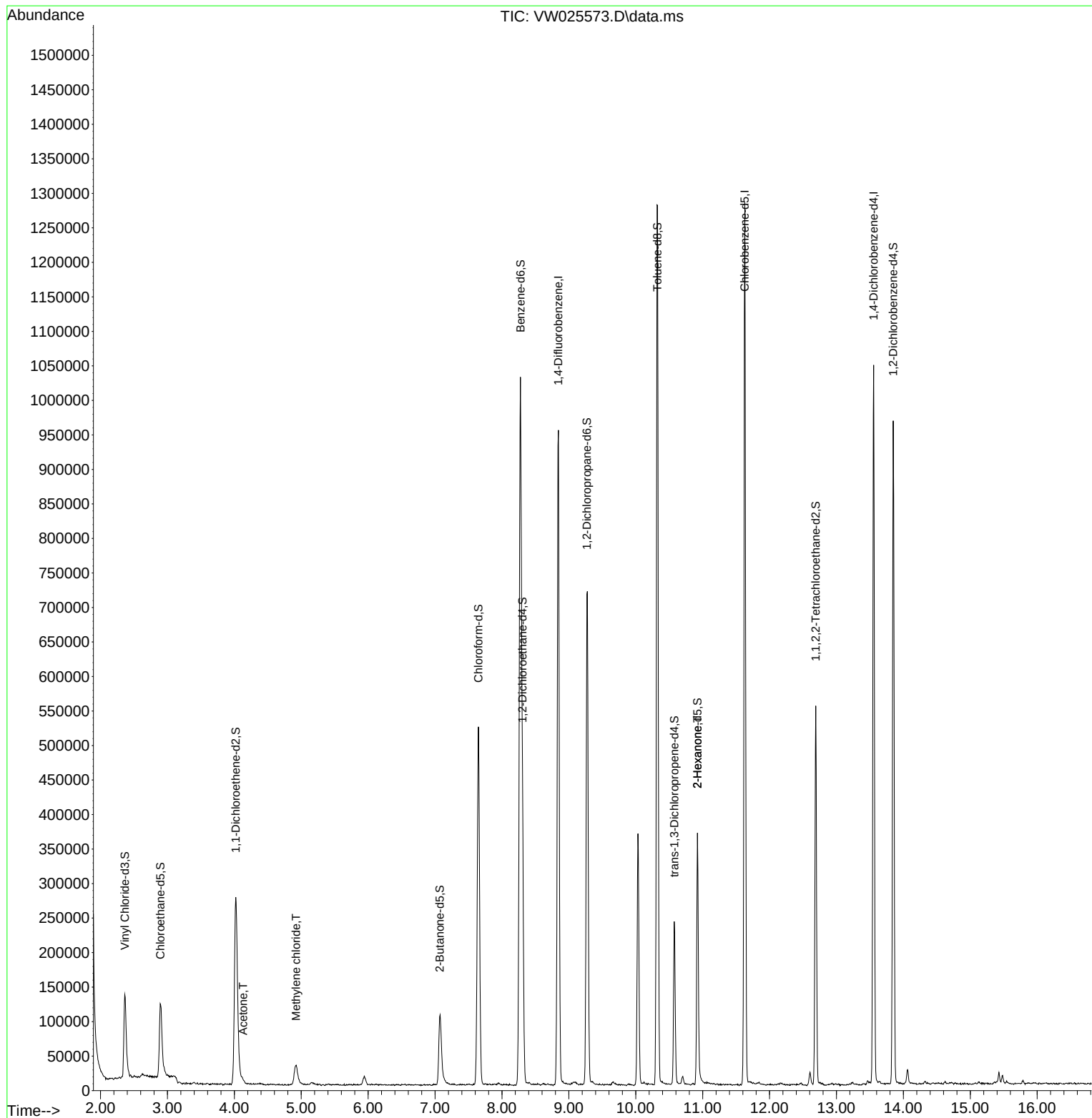
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 762400   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 653378   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 259318   | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 193899   | 15.629   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 62.520%   |
| 7) Chloroethane-d5            | 2.893  | 69    | 167312   | 18.942   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.760%   |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 63    | 345107   | 13.755   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.000%   |
| 21) 2-Butanone-d5             | 7.069  | 46    | 183167   | 66.180   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 132.360%  |
| 24) Chloroform-d              | 7.648  | 84    | 510937   | 23.868   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.480%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 301300   | 27.055   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 108.240%  |
| 32) Benzene-d6                | 8.276  | 84    | 1008877  | 23.847   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.400%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 343960   | 26.074   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 104.280%  |
| 41) Toluene-d8                | 10.325 | 98    | 850613   | 23.017   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.080%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 126668   | 25.612   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 102.440%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 115125   | 63.849   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 127.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 274615   | 30.843   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 123.360%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 237023   | 26.605   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 106.440%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.131  | 43    | 8487     | 3.623    | ug/L   | 90        |
| 16) Methylene chloride        | 4.923  | 84    | 24877    | 2.053    | ug/L   | 98        |
| 48) 2-Hexanone                | 10.922 | 43    | 15744    | 3.352    | ug/L # | 69        |
| -----                         |        |       |          |          |        |           |

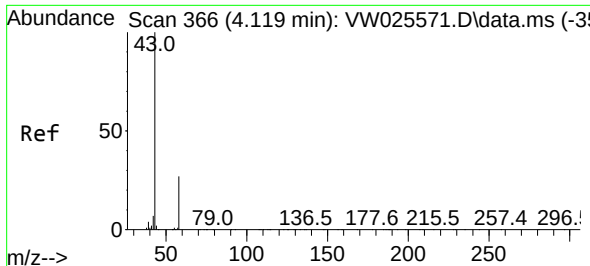
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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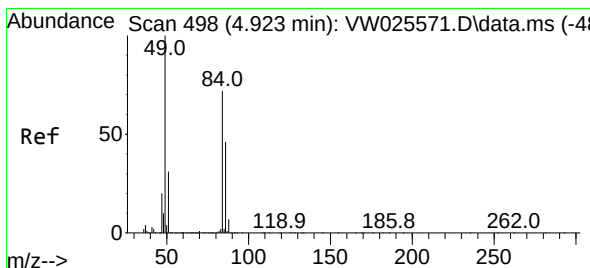
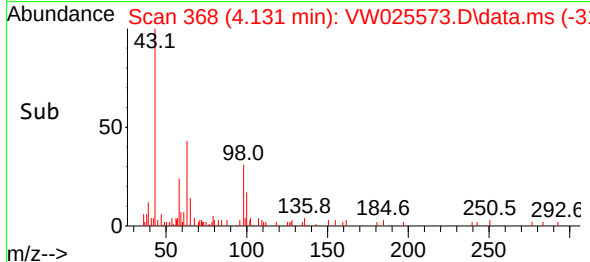
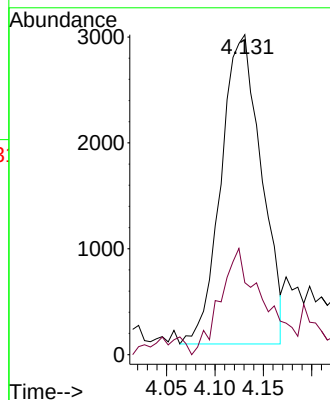
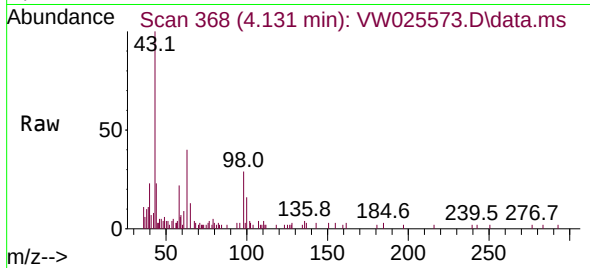




#13  
Acetone  
Concen: 3.623 ug/L  
RT: 4.131 min Scan# 368  
Delta R.T. 0.012 min  
Lab File: VW025573.D  
Acq: 18 Apr 2023 14:53

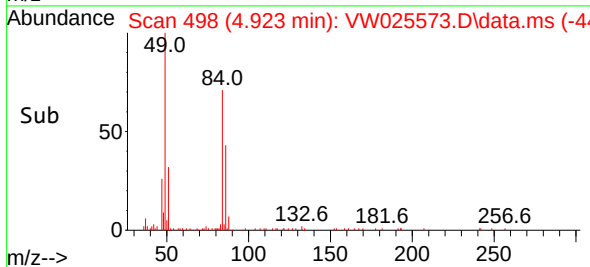
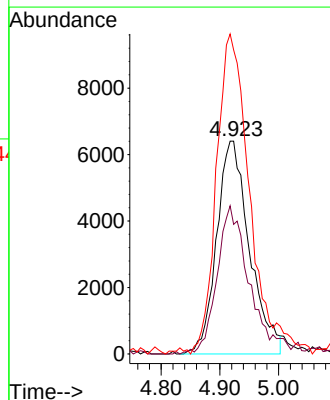
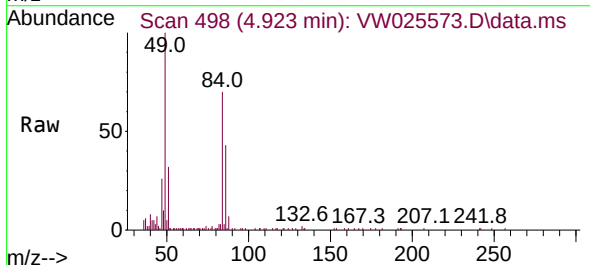
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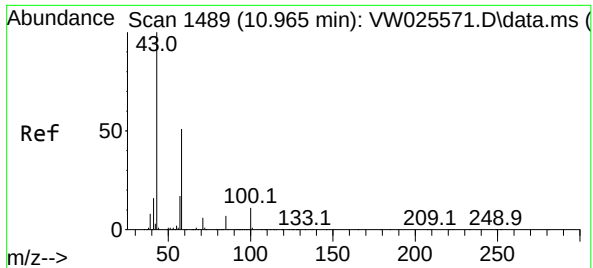
Tgt Ion: 43 Resp: 8487  
Ion Ratio Lower Upper  
43 100  
58 23.2 0.0 57.4



#16  
Methylene chloride  
Concen: 2.053 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: VW025573.D  
Acq: 18 Apr 2023 14:53

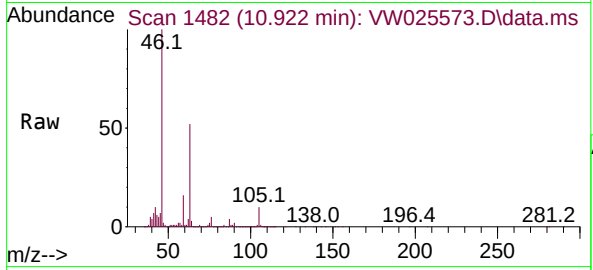
Tgt Ion: 84 Resp: 24877  
Ion Ratio Lower Upper  
84 100  
86 60.9 44.9 83.3  
49 142.8 101.4 188.4





#48  
 2-Hexanone  
 Concen: 3.352 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW025573.D  
 Acq: 18 Apr 2023 14:53

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Tgt Ion: 43 Resp: 15744

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 24.8  | 38.6  | 57.8# |
| 57  | 29.7  | 13.9  | 20.9# |
| 100 | 2.6   | 8.2   | 12.2# |

