

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041923\  
 Data File : VW025584.D  
 Acq On : 19 Apr 2023 16:42  
 Operator : SY/MD  
 Sample : 02418-02  
 Misc : 5.78g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 20 01:34:24 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

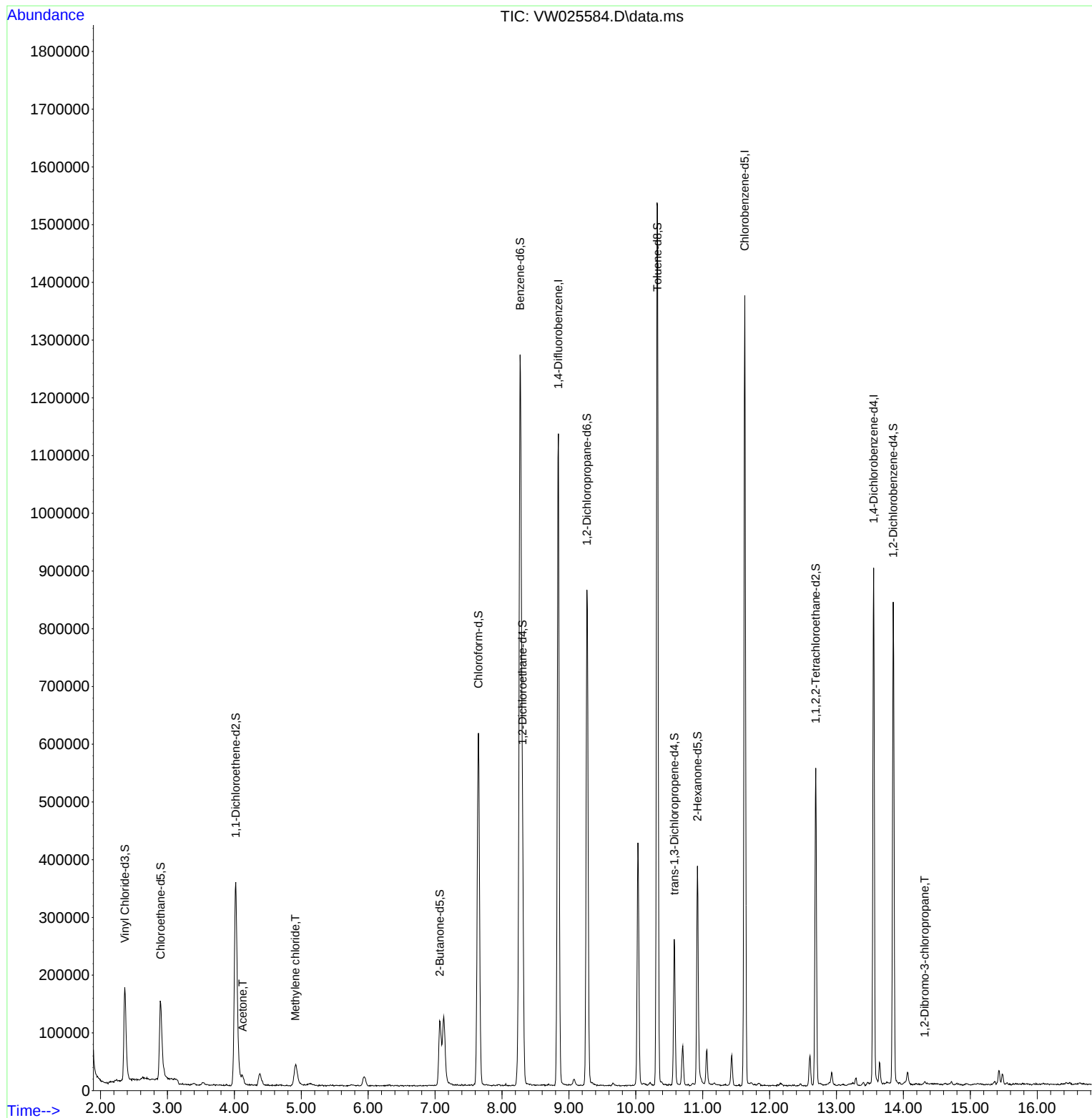
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 883563   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 698825   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 221711   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65             | 238788   | 16.608 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 66.440%  |          |
| 7) Chloroethane-d5            | 2.899  | 69             | 208256   | 20.344 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 81.360%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 63             | 420558   | 14.464 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 57.840%  |          |
| 21) 2-Butanone-d5             | 7.069  | 46             | 205221   | 63.980 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 127.960% |          |
| 24) Chloroform-d              | 7.648  | 84             | 614063   | 24.752 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 99.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65             | 343554   | 26.619 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 106.480% |          |
| 32) Benzene-d6                | 8.270  | 84             | 1212123  | 26.787 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 107.160% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67             | 405717   | 28.756 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 115.040% |          |
| 41) Toluene-d8                | 10.325 | 98             | 979912   | 24.791 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 99.160%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79             | 134959   | 25.513 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 102.040% |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 127341   | 66.031 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 132.060% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 279025   | 29.300 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 117.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152            | 206150   | 27.065 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 108.280% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 4.124  | 43             | 22884    | 8.430  | ug/L     | 92       |
| 16) Methylene chloride        | 4.911  | 84             | 31221    | 2.223  | ug/L     | 91       |
| 68) 1,2-Dibromo-3-chloropr... | 14.318 | 75             | 1558     | 1.546  | ug/L #   | 7        |
| -----                         |        |                |          |        |          |          |

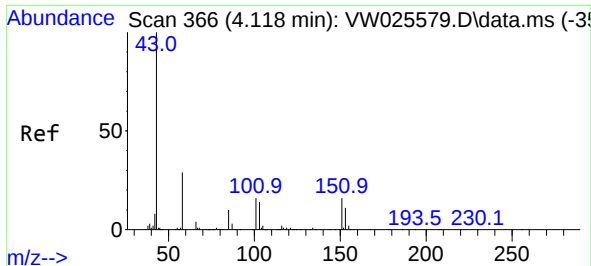
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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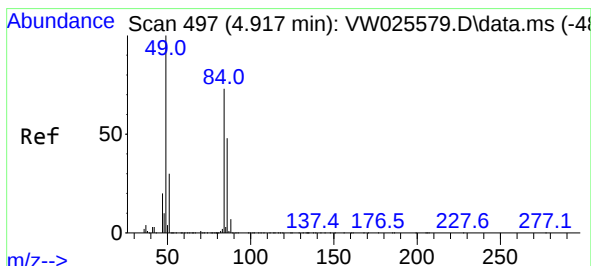
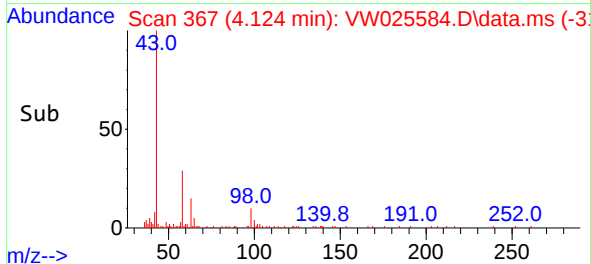
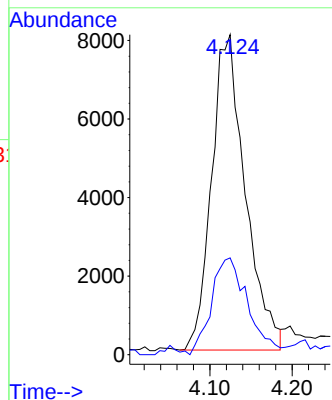
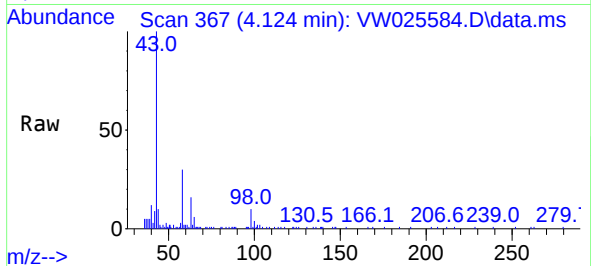




#13  
Acetone  
Concen: 8.430 ug/L  
RT: 4.124 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW025584.D  
Acq: 19 Apr 2023 16:42

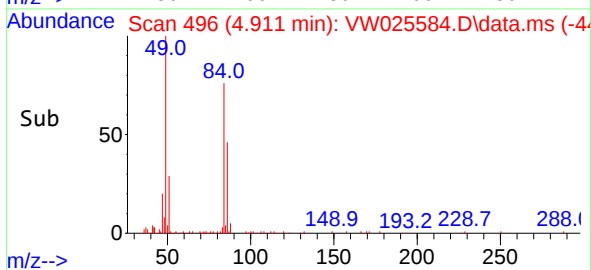
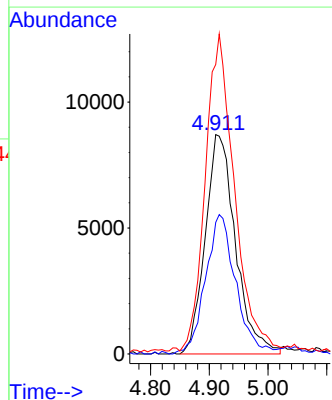
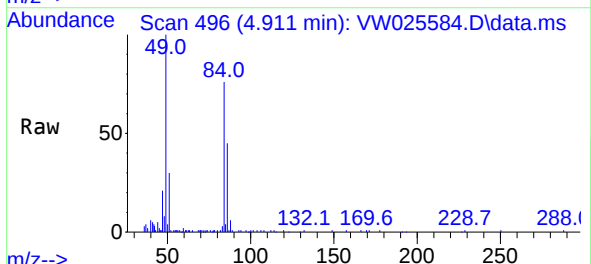
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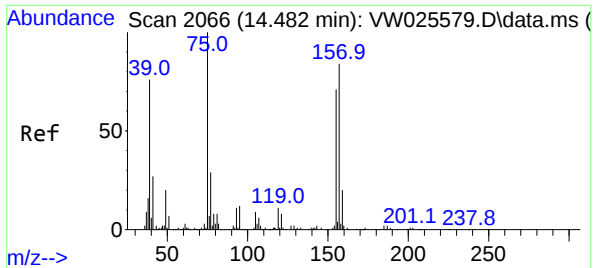
Tgt Ion: 43 Resp: 22884  
Ion Ratio Lower Upper  
43 100  
58 33.0 0.0 57.4



#16  
Methylene chloride  
Concen: 2.223 ug/L  
RT: 4.911 min Scan# 496  
Delta R.T. -0.012 min  
Lab File: VW025584.D  
Acq: 19 Apr 2023 16:42

Tgt Ion: 84 Resp: 31221  
Ion Ratio Lower Upper  
84 100  
86 59.9 44.9 83.3  
49 131.9 101.4 188.4





#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.546 ug/L  
 RT: 14.318 min Scan# 20  
 Delta R.T. -0.165 min  
 Lab File: VW025584.D  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 1558  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 61.1 91.7#  
 157 0.0 72.8 109.2#

