

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040924\  
 Data File : VW028369.D  
 Acq On : 09 Apr 2024 17:27  
 Operator : SY/MD  
 Sample : P2037-05  
 Misc : 3.18g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E1CY3

Quant Time: Apr 10 01:19:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 10 01:16:29 2024  
 Response via : Initial Calibration

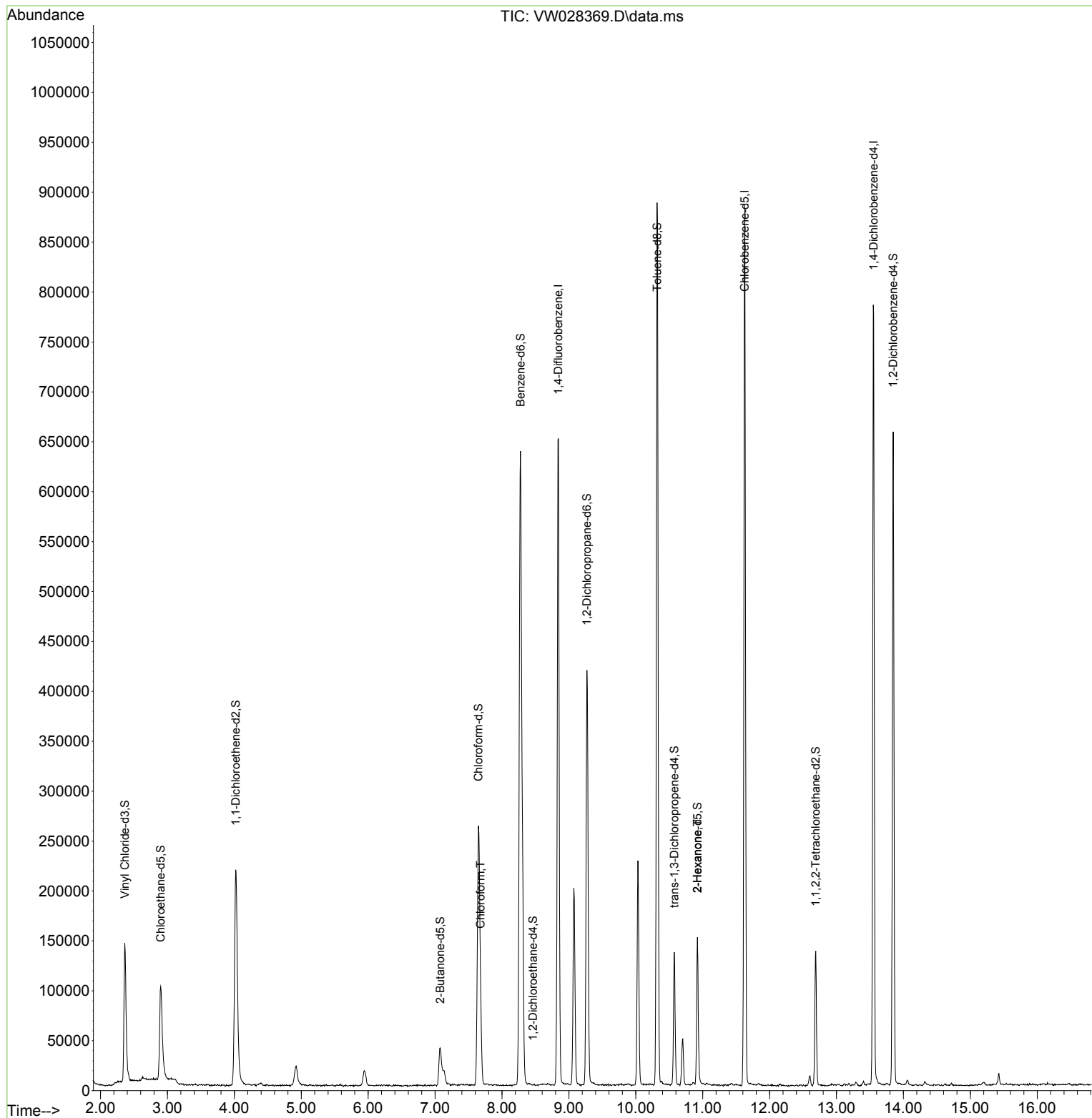
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 521213   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 448396   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 188433   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 190708   | 22.823   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 91.280%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 144757   | 22.857   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 91.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 76128    | 21.514   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 86.040%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 67802    | 43.363   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.720%  |
| 24) Chloroform-d              | 7.648  | 84    | 241638   | 17.767   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.465  | 65    | 209      | 0.030    | ug/L   | 0.16     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.120%#  |
| 32) Benzene-d6                | 8.276  | 84    | 629305   | 25.691   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 102.760% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 185414   | 25.465   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.840% |
| 41) Toluene-d8                | 10.319 | 98    | 557726   | 25.039   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 100.160% |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 67898    | 23.452   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 93.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 47321    | 46.918   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 66312    | 12.908   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 51.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 157929   | 26.502   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 106.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 25) Chloroform                | 7.679  | 83    | 68879    | 4.946    | ug/L   | 93       |
| 48) 2-Hexanone                | 10.922 | 43    | 6650     | 2.290    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

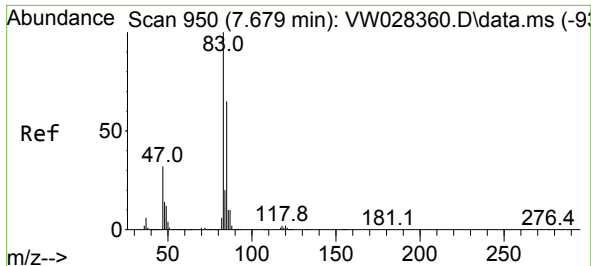
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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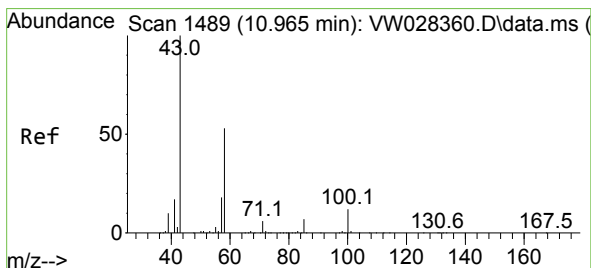
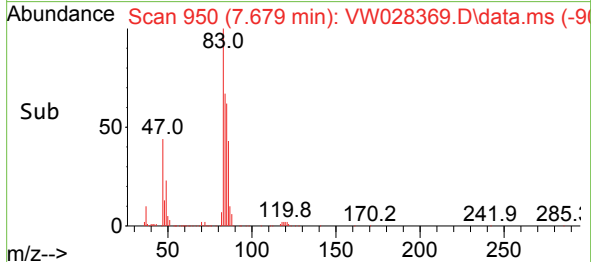
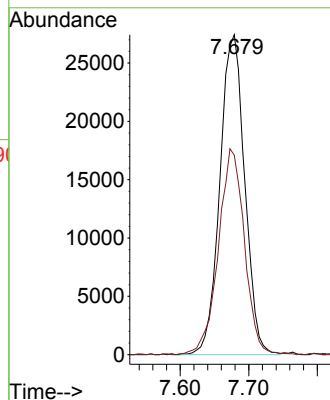
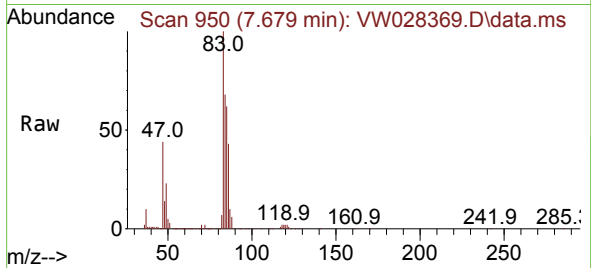




#25  
Chloroform  
Concen: 4.946 ug/L  
RT: 7.679 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VW028369.D  
Acq: 09 Apr 2024 17:27

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MSVOA\_W  
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Tgt Ion: 83 Resp: 68879  
Ion Ratio Lower Upper  
83 100  
85 62.4 47.7 88.7



#48  
2-Hexanone  
Concen: 2.290 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW028369.D  
Acq: 09 Apr 2024 17:27

Tgt Ion: 43 Resp: 6650  
Ion Ratio Lower Upper  
43 100  
58 27.1 38.9 58.3#  
57 26.9 14.4 21.6#  
100 1.6 8.7 13.1#

