

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051821\  
 Data File : VU043808.D  
 Acq On : 18 May 2021 12:49  
 Operator : SY/MD  
 Sample : M2418-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: May 19 01:41:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 19 01:40:07 2021  
 Response via : Initial Calibration

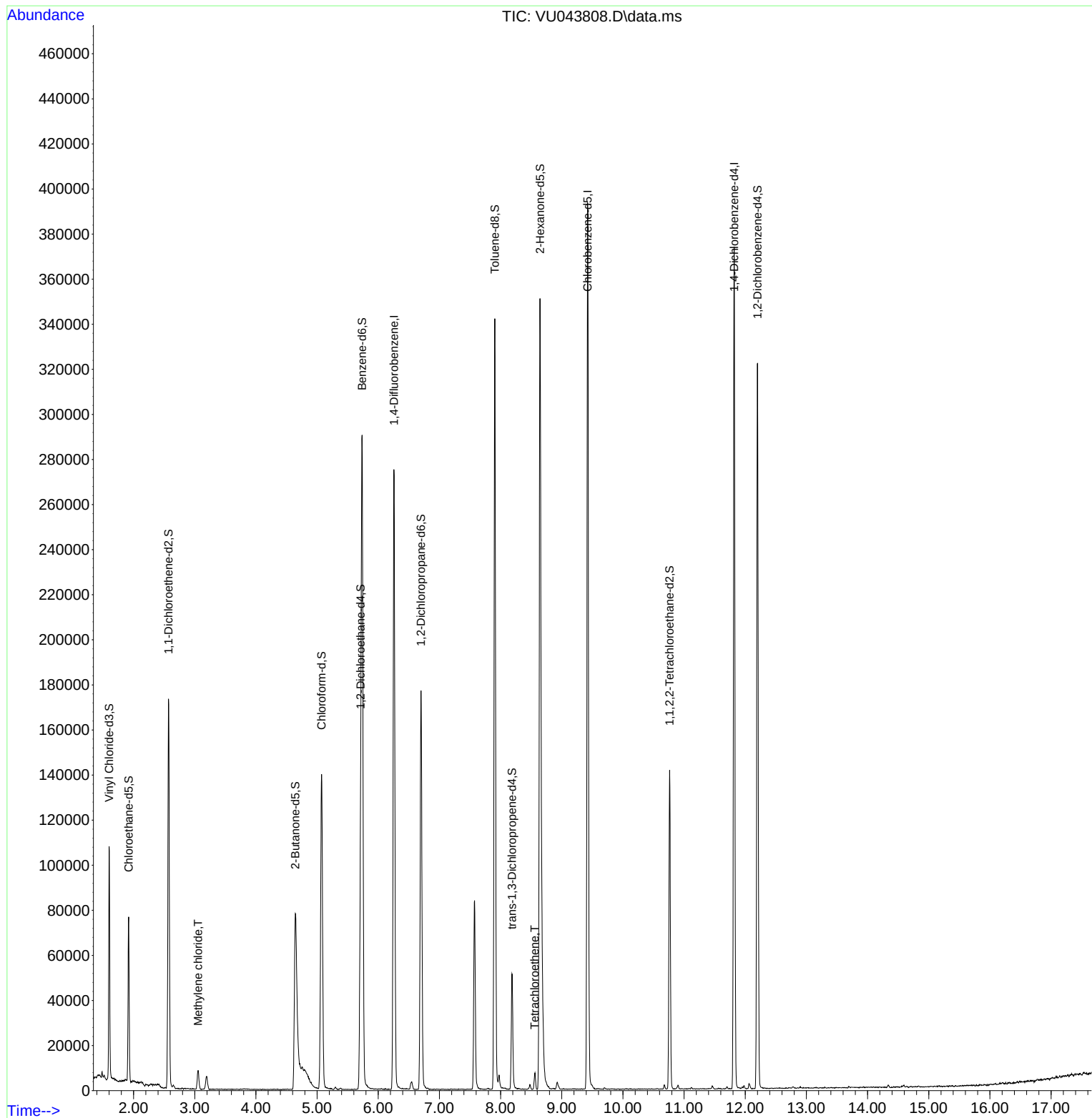
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 225521   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 229880   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 104008   | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 72519    | 4.36     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.20%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 52718    | 4.54     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.80%   |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 32418    | 4.70     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.00%   |
| 20) 2-Butanone-d5             | 4.645  | 46    | 149625   | 47.32    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.64%   |
| 24) Chloroform-d              | 5.073  | 84    | 133082   | 4.92     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 69820    | 5.04     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.80%  |
| 32) Benzene-d6                | 5.735  | 84    | 279315   | 4.78     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.60%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 88794    | 4.77     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.40%   |
| 41) Toluene-d8                | 7.906  | 98    | 231162   | 4.29     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.80%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 30435    | 4.41     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.20%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 144670   | 46.50    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.00%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 72023    | 4.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.40%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 89746    | 5.18     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.60%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.054  | 84    | 4027     | 0.18     | ug/L   | 90       |
| 47) Tetrachloroethene         | 8.558  | 164   | 1678     | 0.12     | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

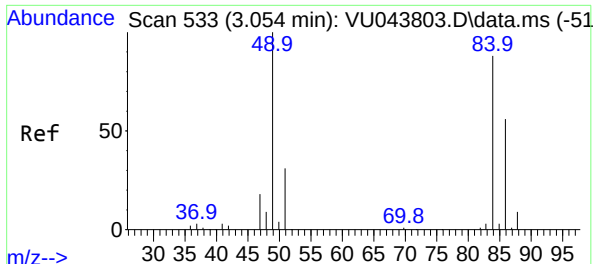
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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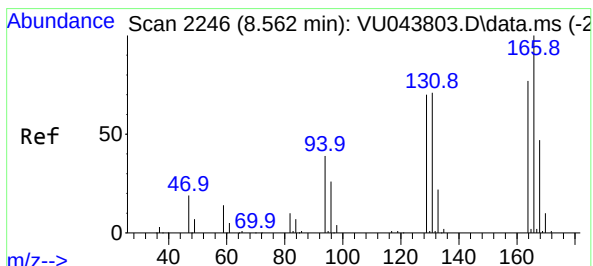
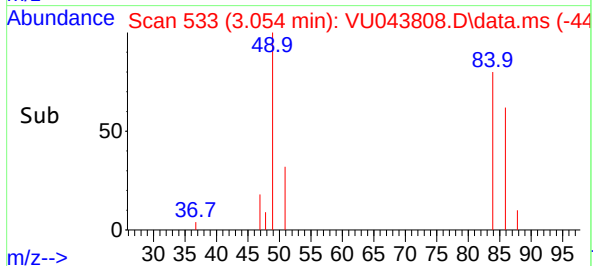
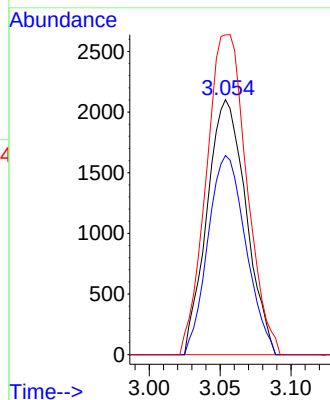
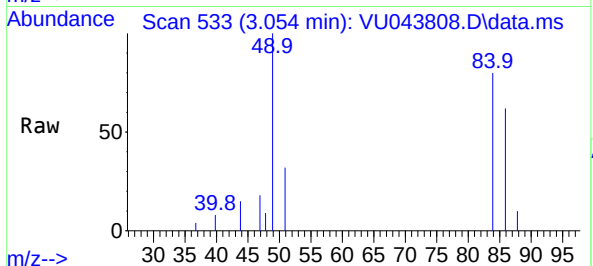




#16  
Methylene chloride  
Concen: 0.18 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU043808.D  
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Tgt Ion: 84 Resp: 4027  
Ion Ratio Lower Upper  
84 100  
86 78.1 44.7 82.9  
49 125.4 83.1 154.3



#47  
Tetrachloroethene  
Concen: 0.12 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.003 min  
Lab File: VU043808.D  
Acq: 18 May 2021 12:49

Tgt Ion:164 Resp: 1678  
Ion Ratio Lower Upper  
164 100  
129 94.6 64.1 119.1  
131 86.6 61.2 113.8  
166 126.8 87.8 163.2

