

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072224\  
 Data File : VU060100.D  
 Acq On : 22 Jul 2024 18:22  
 Operator : MD/SY  
 Sample : P3325-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B31

Quant Time: Jul 23 08:11:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 23 07:21:00 2024  
 Response via : Initial Calibration

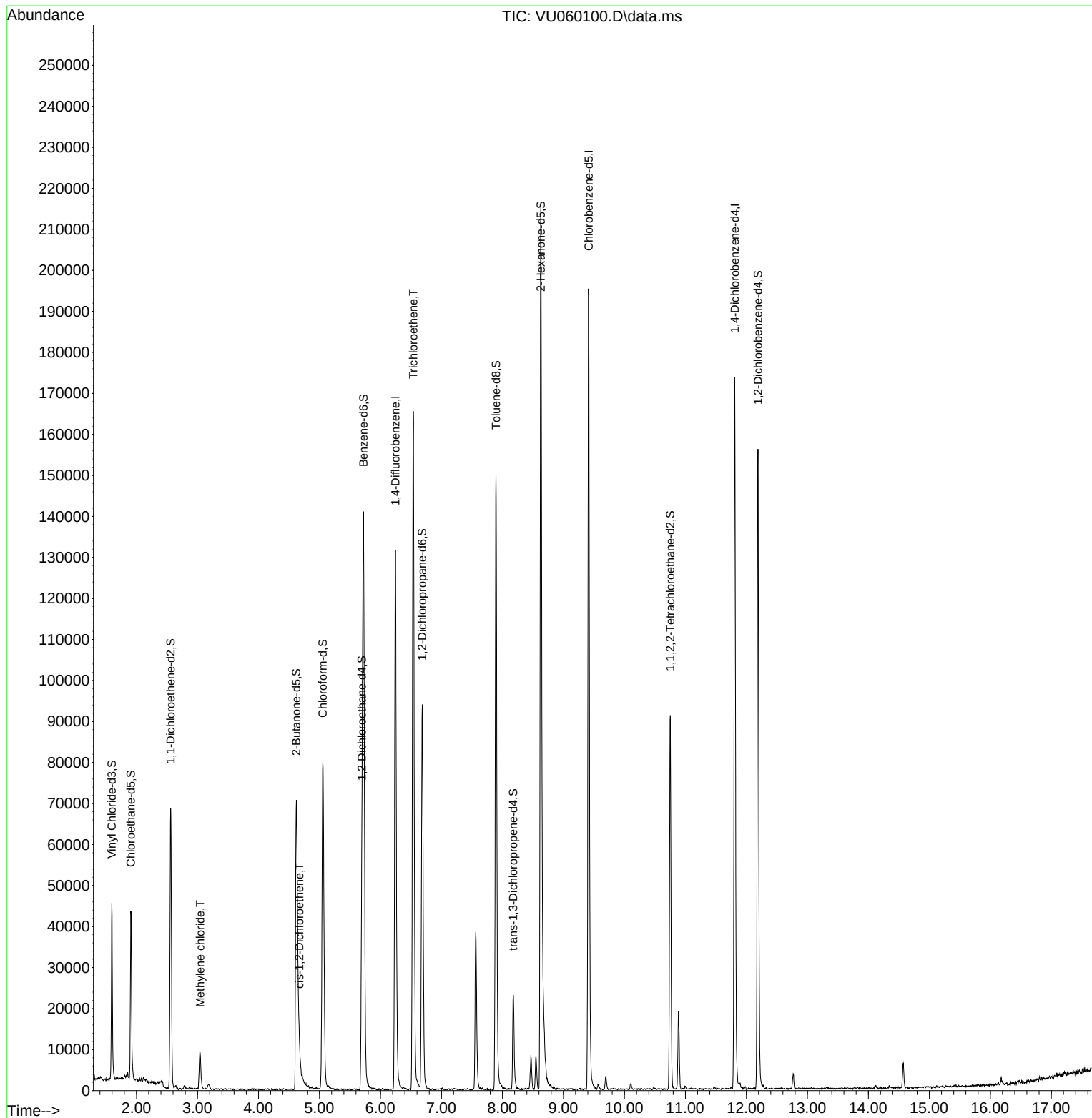
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 114410   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 121936   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 51924    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 32782    | 4.118    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 82.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 32983    | 4.460    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 12656    | 4.072    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 81.400%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 105885   | 56.895   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 113.800% |
| 24) Chloroform-d              | 5.055  | 84    | 76168    | 4.553    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 38771    | 4.977    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 139124   | 4.258    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 47322    | 4.546    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 109181   | 3.699    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 15336    | 4.328    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.600%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 76018    | 48.342   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 47913    | 5.171    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 103.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 46336    | 4.944    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 98.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.042  | 84    | 5484     | 0.512    | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 4.669  | 96    | 1678     | 0.165    | ug/L   | 93       |
| 34) Trichloroethene           | 6.541  | 95    | 59413    | 5.561    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

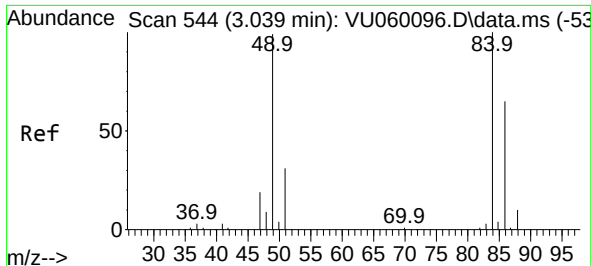
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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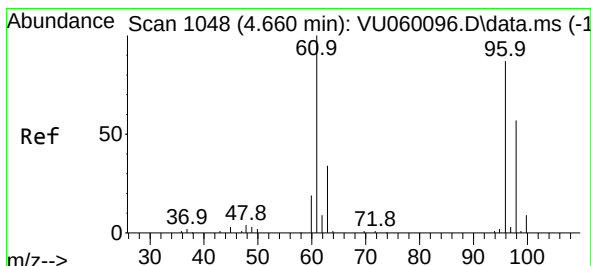
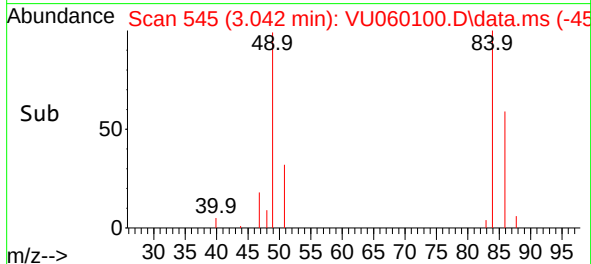
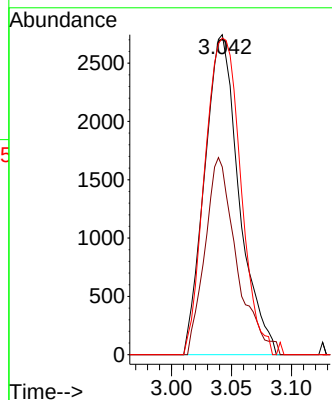
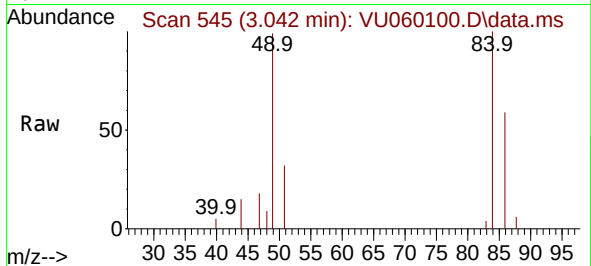




#16  
Methylene chloride  
Concen: 0.512 ug/L  
RT: 3.042 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VU060100.D  
Acq: 22 Jul 2024 18:22

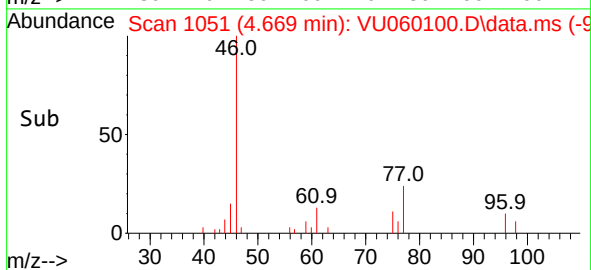
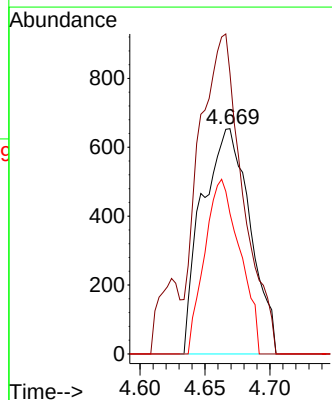
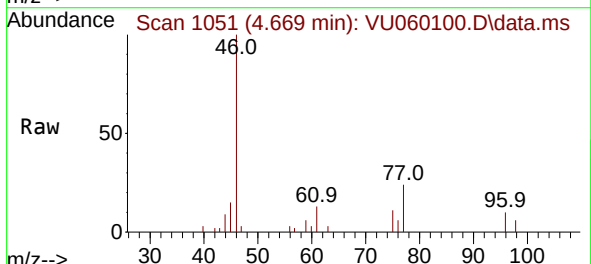
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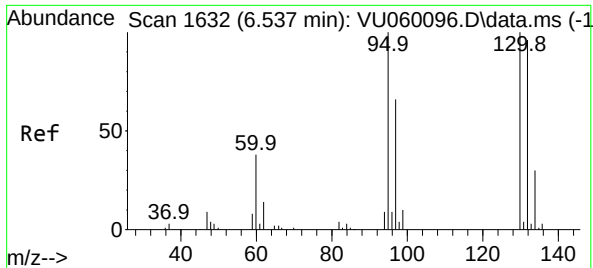
Tgt Ion: 84 Resp: 5484  
Ion Ratio Lower Upper  
84 100  
86 58.7 44.4 82.5  
49 98.9 72.0 133.6



#22  
cis-1,2-Dichloroethene  
Concen: 0.165 ug/L  
RT: 4.669 min Scan# 1051  
Delta R.T. 0.009 min  
Lab File: VU060100.D  
Acq: 22 Jul 2024 18:22

Tgt Ion: 96 Resp: 1678  
Ion Ratio Lower Upper  
96 100  
61 124.6 80.2 148.9  
98 62.4 44.7 83.1





#34  
 Trichloroethene  
 Concen: 5.561 ug/L  
 RT: 6.541 min Scan# 1  
 Delta R.T. 0.003 min  
 Lab File: VU060100.D  
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|             |                  |
|-------------|------------------|
| Tgt Ion: 95 | Resp: 59413      |
| Ion Ratio   | Lower Upper      |
| 95          | 100              |
| 97          | 62.5 45.9 85.3   |
| 132         | 96.4 71.4 132.6  |
| 130         | 102.2 72.1 133.9 |

