

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111424\  
 Data File : VU061673.D  
 Acq On : 14 Nov 2024 15:44  
 Operator : MD/SY  
 Sample : P4804-08DL 10X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H46TODL

Quant Time: Nov 15 00:47:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 15 00:40:52 2024  
 Response via : Initial Calibration

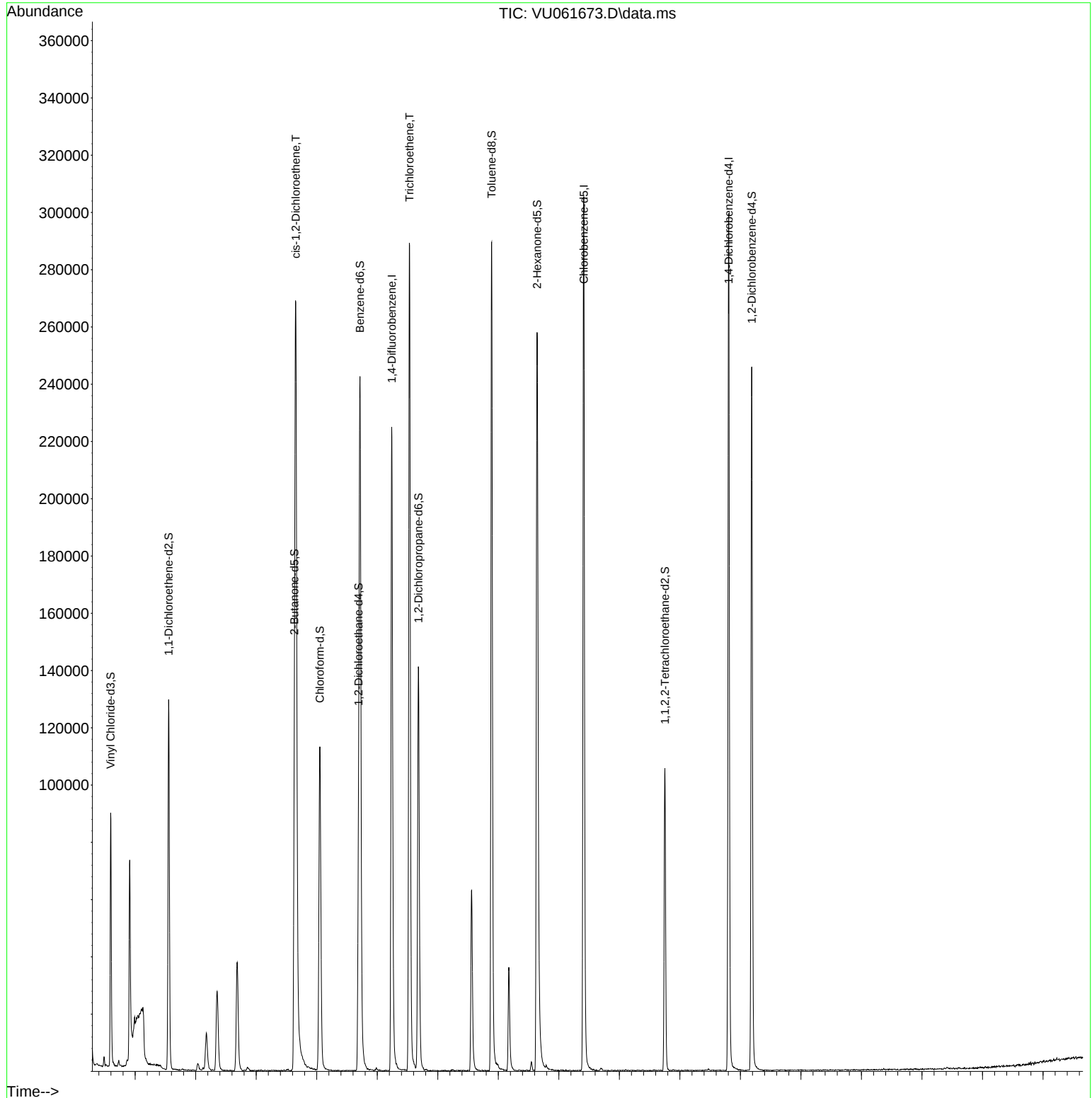
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 195985   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 182691   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 81719    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 51284    | 4.050    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 81.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 55852    | 5.167    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 103.400% |
| 11) 1,1-Dichloroethene-d2     | 2.554  | 65    | 24100    | 4.242    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 84.800%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 129685   | 48.251   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 96.500%  |
| 24) Chloroform-d              | 5.052  | 84    | 109135   | 4.336    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 86.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 56188    | 4.652    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 93.000%  |
| 32) Benzene-d6                | 5.714  | 84    | 233970   | 4.629    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 70839    | 4.752    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 95.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 206772   | 4.389    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 87.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 22164    | 4.037    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 80.800%  |
| 46) 2-Hexanone-d5             | 8.640  | 63    | 110736   | 51.037   | ug/L  | 0.01     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 102.080% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 53929    | 4.589    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 91.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 68973    | 4.739    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 94.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 5) Vinyl chloride             | 1.602  | 62    | 13926    | 0.955    | ug/L  | 91       |
| 17) Methyl tert-butyl Ether   | 3.357  | 73    | 26830    | 0.925    | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96    | 124683   | 8.520    | ug/L  | 99       |
| 34) Trichloroethene           | 6.534  | 95    | 100903   | 6.759    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

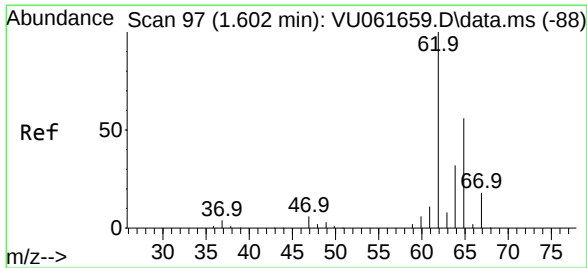
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 00:40:52 2024  
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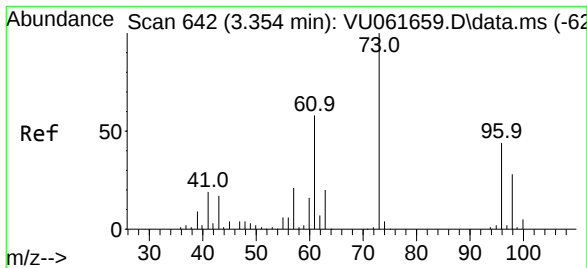
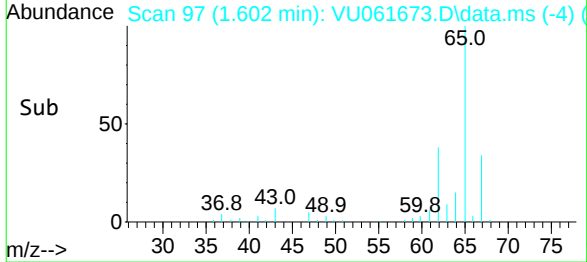
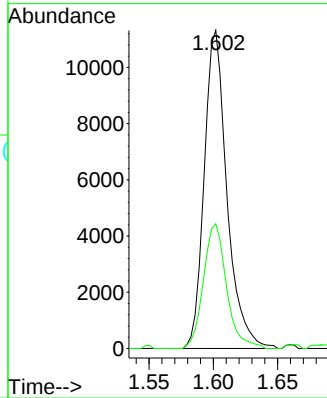
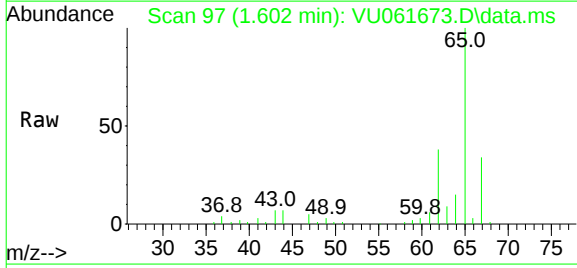




#5  
 Vinyl chloride  
 Concen: 0.955 ug/L  
 RT: 1.602 min Scan# 97  
 Delta R.T. 0.000 min  
 Lab File: VU061673.D  
 Acq: 14 Nov 2024 15:44

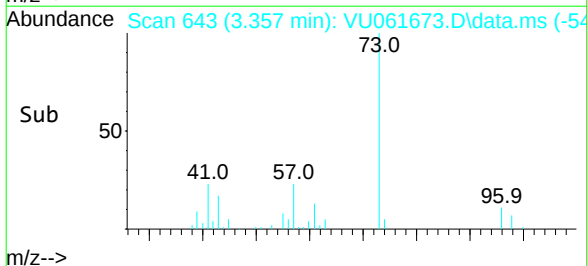
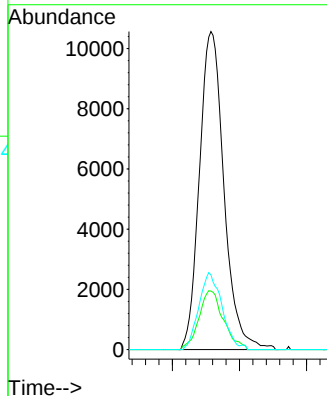
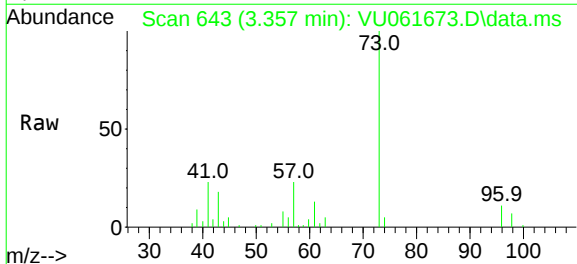
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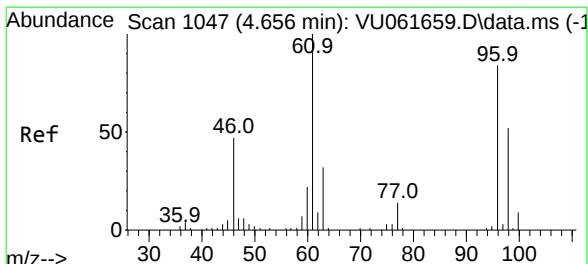
Tgt Ion: 62 Resp: 13926  
 Ion Ratio Lower Upper  
 62 100  
 64 39.2 23.7 44.1



#17  
 Methyl tert-butyl Ether  
 Concen: 0.925 ug/L  
 RT: 3.357 min Scan# 643  
 Delta R.T. 0.003 min  
 Lab File: VU061673.D  
 Acq: 14 Nov 2024 15:44

Tgt Ion: 73 Resp: 26830  
 Ion Ratio Lower Upper  
 73 100  
 43 18.4 14.2 21.4  
 57 22.5 16.9 25.3

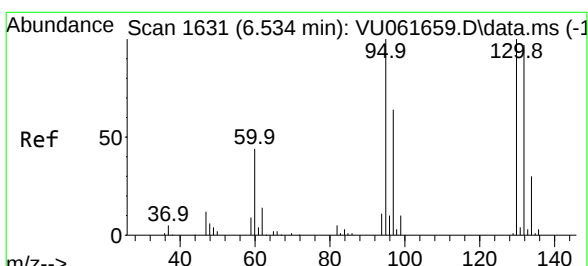
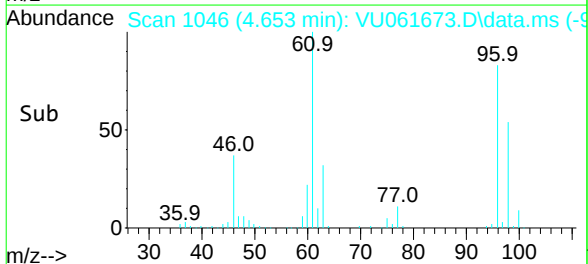
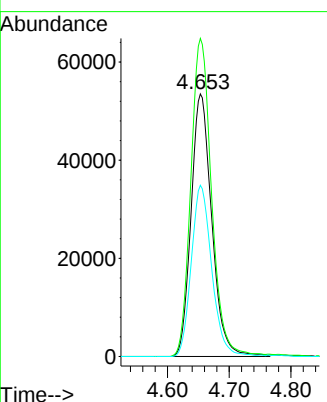
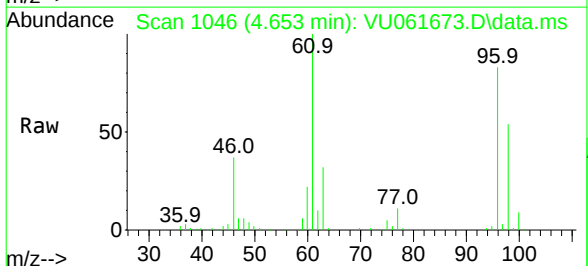




#22  
 cis-1,2-Dichloroethene  
 Concen: 8.520 ug/L  
 RT: 4.653 min Scan# 1046  
 Delta R.T. -0.003 min  
 Lab File: VU061673.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 124683 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 121.1 | 85.6  | 159.0  |
| 98       | 65.2  | 45.6  | 84.8   |



#34  
 Trichloroethene  
 Concen: 6.759 ug/L  
 RT: 6.534 min Scan# 1631  
 Delta R.T. 0.000 min  
 Lab File: VU061673.D  
 Acq: 14 Nov 2024 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 100903 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 65.7  | 43.5  | 80.9   |
| 132      | 96.4  | 65.2  | 121.0  |
| 130      | 100.4 | 67.5  | 125.3  |

