

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091324\  
 Data File : VU060767.D  
 Acq On : 13 Sep 2024 20:47  
 Operator : MD/SY  
 Sample : P3967-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AR4

Quant Time: Sep 14 00:38:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 14 00:33:41 2024  
 Response via : Initial Calibration

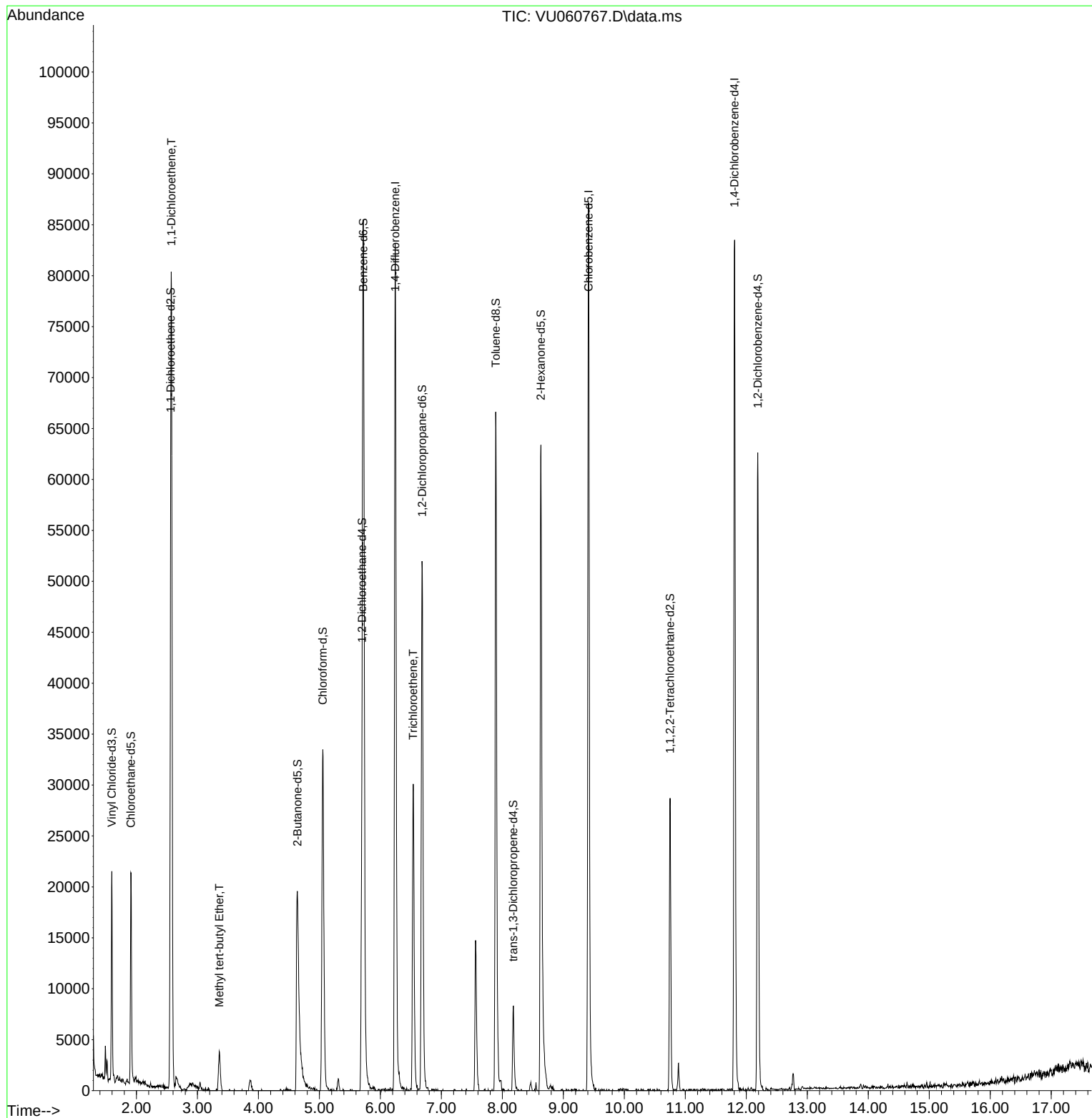
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 68889    | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 51126    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 24779    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 13060    | 4.292    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 85.800%   |
| 7) Chloroethane-d5            | 1.907  | 69    | 14604    | 3.168    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 63.400%#  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 7564     | 4.218    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.400%   |
| 20) 2-Butanone-d5             | 4.637  | 46    | 36675    | 35.052   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 70.100%   |
| 24) Chloroform-d              | 5.055  | 84    | 32301    | 3.724    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.400%   |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 21190    | 4.681    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.600%   |
| 32) Benzene-d6                | 5.718  | 84    | 79094    | 7.075    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 141.400%# |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 24714    | 6.852    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 137.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 47243    | 4.504    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.000%   |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 5855     | 4.536    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.800%   |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 22669    | 36.681   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 73.360%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 14019    | 4.368    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.400%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 17421    | 4.768    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.400%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 12) 1,1-Dichloroethene        | 2.573  | 96    | 19555    | 3.464    | ug/L   | 89        |
| 17) Methyl tert-butyl Ether   | 3.358  | 73    | 4139     | 0.361    | ug/L # | 91        |
| 34) Trichloroethene           | 6.538  | 95    | 10893    | 2.478    | ug/L   | 96        |
| -----                         |        |       |          |          |        |           |

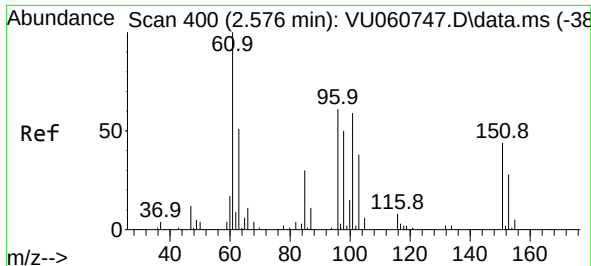
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.464 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060767.D

Acq: 13 Sep 2024 20:47

Instrument :

MSVOA\_U

ClientSampleId :

C0AR4

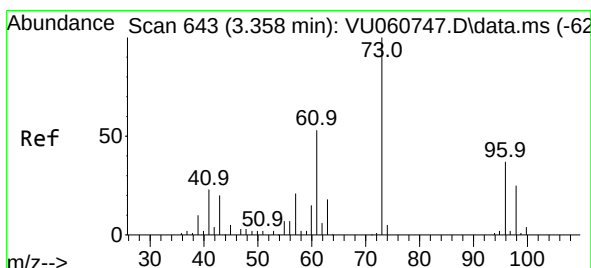
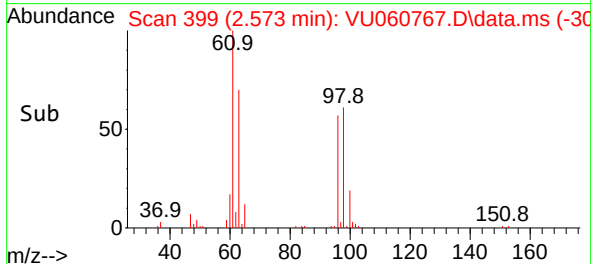
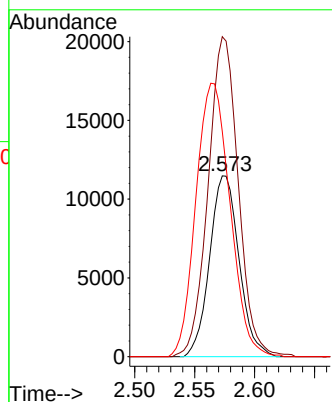
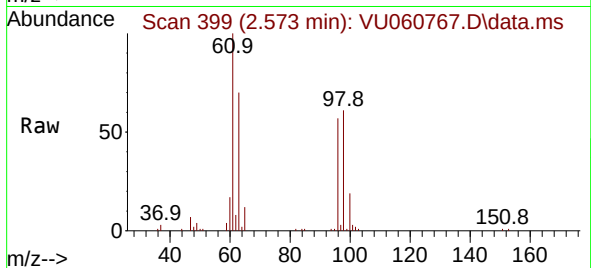
Tgt Ion: 96 Resp: 19555

Ion Ratio Lower Upper

96 100

61 177.0 116.4 216.2

63 124.6 74.8 139.0



#17

Methyl tert-butyl Ether

Concen: 0.361 ug/L

RT: 3.358 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU060767.D

Acq: 13 Sep 2024 20:47

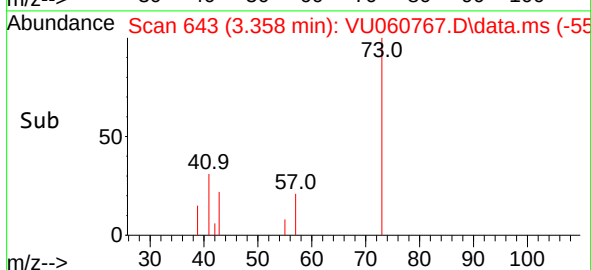
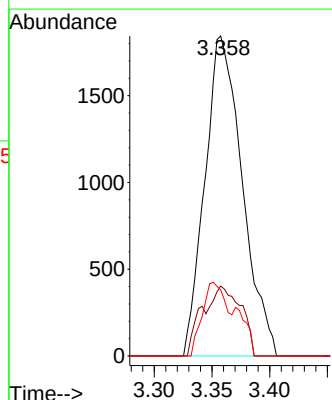
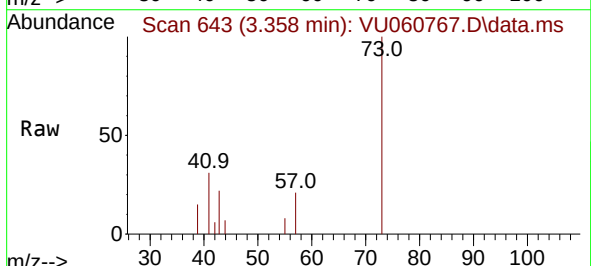
Tgt Ion: 73 Resp: 4139

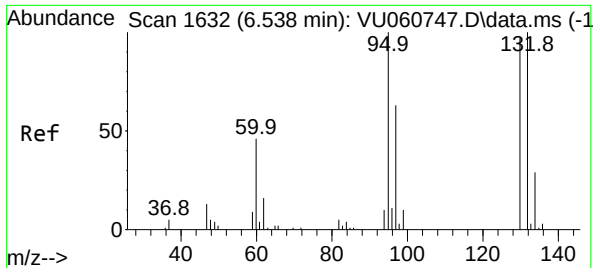
Ion Ratio Lower Upper

73 100

43 17.3 15.8 23.6

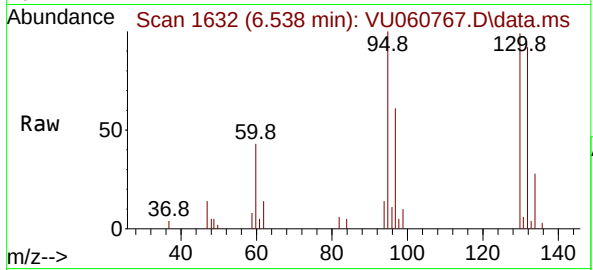
57 15.2 16.8 25.2#





#34  
 Trichloroethene  
 Concen: 2.478 ug/L  
 RT: 6.538 min Scan# 1  
 Delta R.T. -0.000 min  
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|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 10893 |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 61.4     | 45.8 85.2   |
| 132 91.9    | 67.4 125.2  |
| 130 99.2    | 72.2 134.2  |

