

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091324\  
 Data File : VU060753.D  
 Acq On : 13 Sep 2024 15:06  
 Operator : MD/SY  
 Sample : P3918-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AP6

Quant Time: Sep 14 00:35:30 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

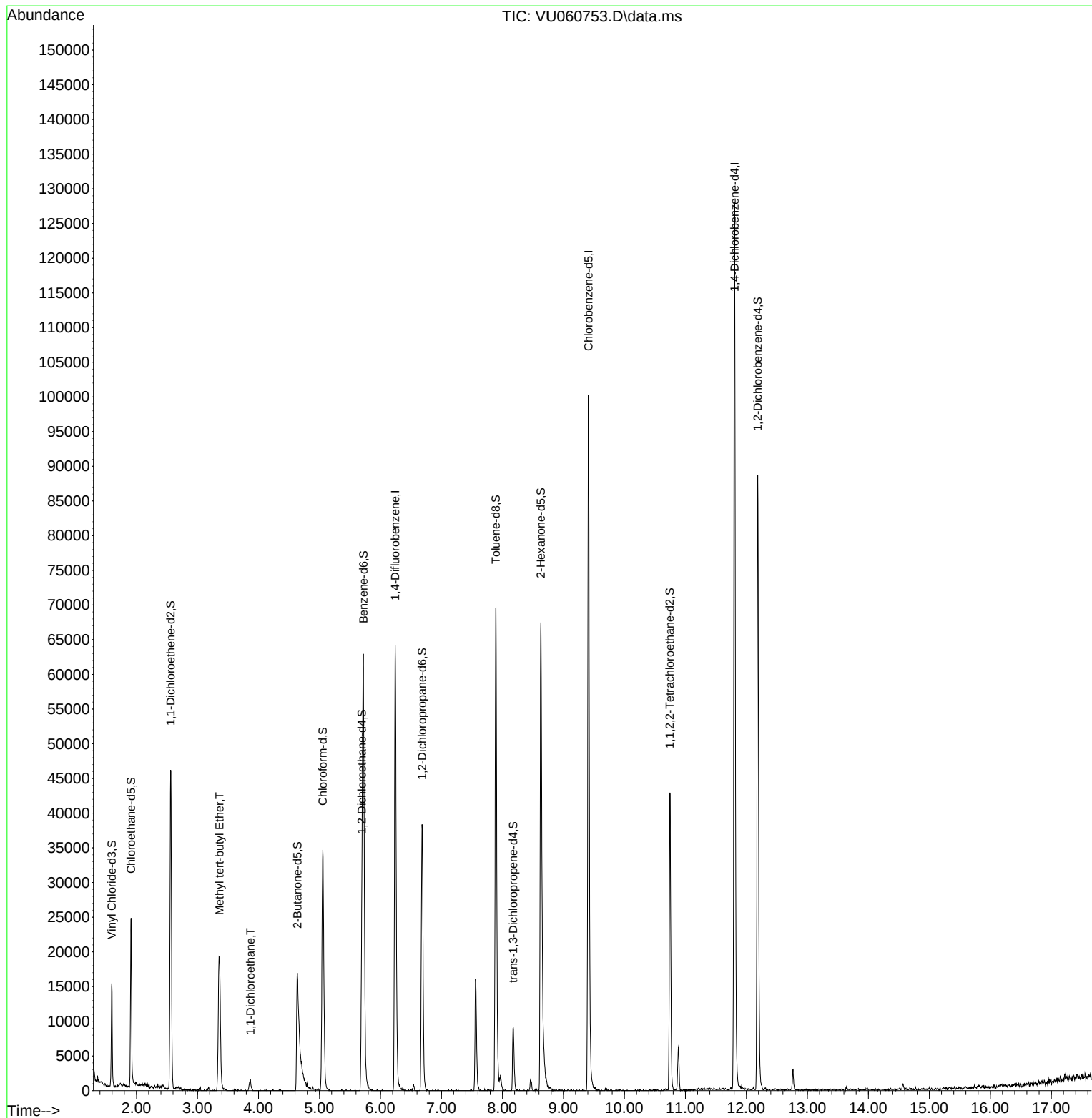
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 51291    | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 56376    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 38316    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 10510    | 4.639    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.800%   |
| 7) Chloroethane-d5            | 1.911  | 69    | 16819    | 4.900    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.000%   |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 9307     | 6.971    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 139.400%# |
| 20) 2-Butanone-d5             | 4.637  | 46    | 35063    | 45.009   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.020%   |
| 24) Chloroform-d              | 5.055  | 84    | 32860    | 5.088    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 18704    | 5.550    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.000%  |
| 32) Benzene-d6                | 5.721  | 84    | 56758    | 4.604    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.000%   |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 17566    | 4.416    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.400%   |
| 41) Toluene-d8                | 7.891  | 98    | 49241    | 4.258    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.200%   |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 6152     | 4.322    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.400%   |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 24319    | 35.686   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 71.380%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 21215    | 5.994    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 119.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 25329    | 4.483    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.600%   |
| Target Compounds              |        |       |          |          |        |           |
| 17) Methyl tert-butyl Ether   | 3.361  | 73    | 22665    | 2.657    | ug/L   | 95        |
| 19) 1,1-Dichloroethane        | 3.869  | 63    | 2406     | 0.324    | ug/L # | 83        |
| -----                         |        |       |          |          |        |           |

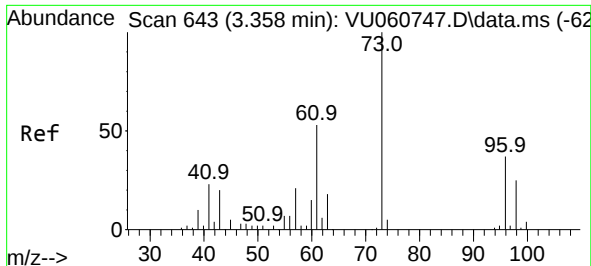
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 2.657 ug/L

RT: 3.361 min Scan# 64

Delta R.T. 0.003 min

Lab File: VU060753.D

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Instrument :

MSVOA\_U

ClientSampleId :

C0AP6

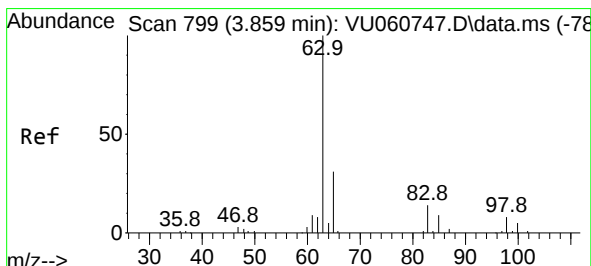
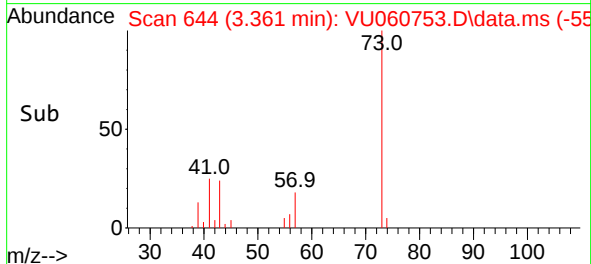
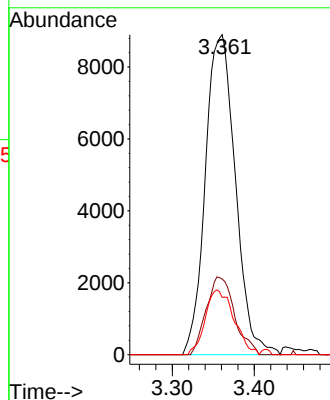
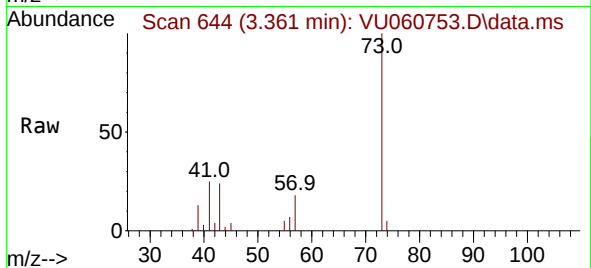
Tgt Ion: 73 Resp: 22665

Ion Ratio Lower Upper

73 100

43 22.9 15.8 23.6

57 19.4 16.8 25.2



#19

1,1-Dichloroethane

Concen: 0.324 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.010 min

Lab File: VU060753.D

Acq: 13 Sep 2024 15:06

Tgt Ion: 63 Resp: 2406

Ion Ratio Lower Upper

63 100

65 34.3 20.5 38.1

83 0.0 9.2 17.2#

