

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041423\  
 Data File : VU053693.D  
 Acq On : 13 Apr 2023 19:46  
 Operator : JC/MD  
 Sample : 02340-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHE03

Quant Time: Apr 14 02:26:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 14 02:17:15 2023  
 Response via : Initial Calibration

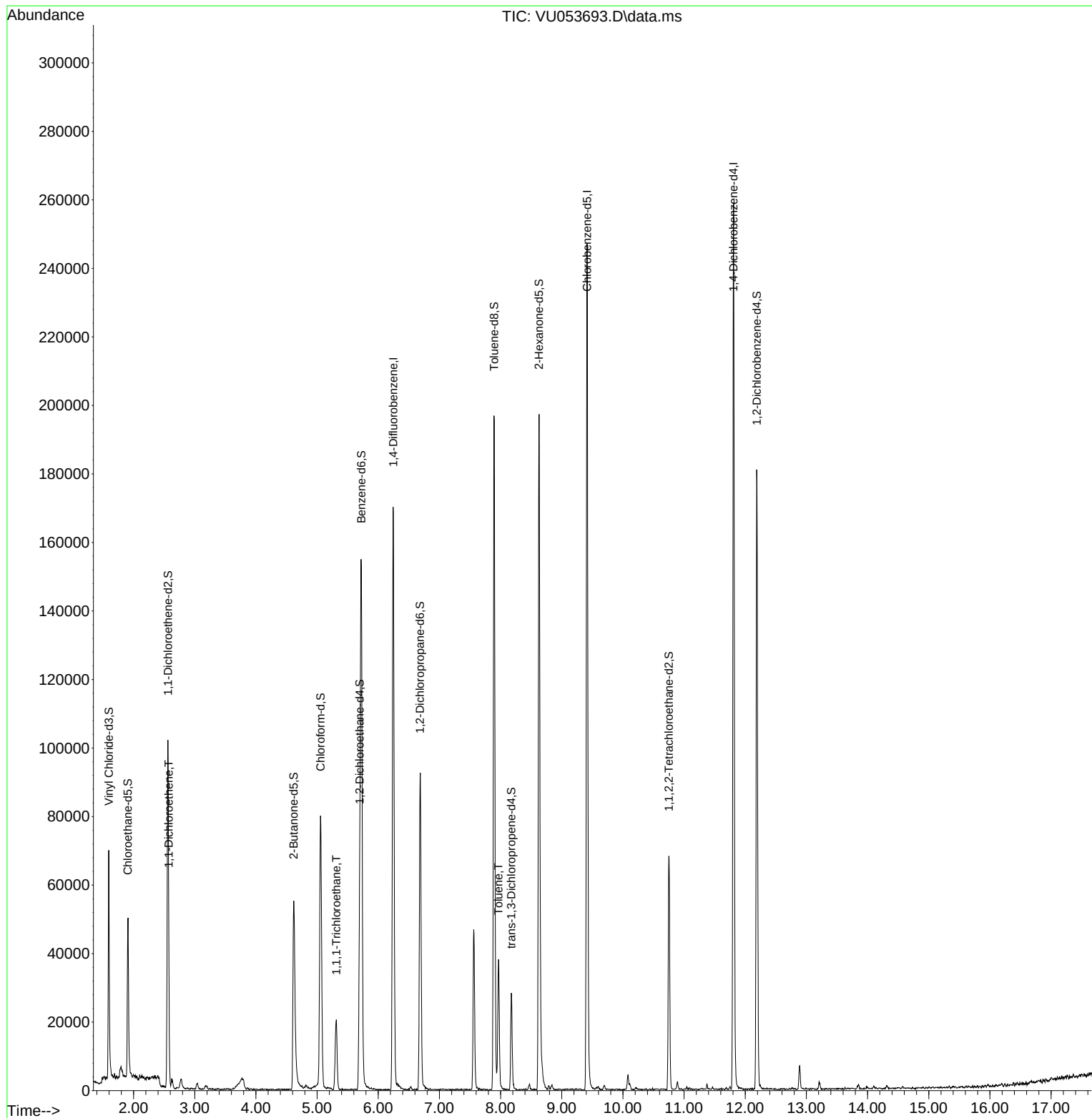
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 149579   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 142848   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 70149    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    | 50351    | 4.893    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 97.800%  |
| 7) Chloroethane-d5            | 1.906  | 69    | 37668    | 4.033    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 80.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 17767    | 4.053    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 81.000%  |
| 20) 2-Butanone-d5             | 4.617  | 46    | 79306    | 33.642   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 67.280%  |
| 24) Chloroform-d              | 5.057  | 84    | 72062    | 3.778    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 75.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 37489    | 3.835    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 76.600%  |
| 32) Benzene-d6                | 5.723  | 84    | 152173   | 3.759    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 75.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.684  | 67    | 45643    | 3.700    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 74.000%  |
| 41) Toluene-d8                | 7.893  | 98    | 137881   | 3.610    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 72.200%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 17004    | 3.592    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 71.800%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 70233    | 36.527   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 73.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 35885    | 3.495    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 69.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 49982    | 3.960    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 79.200%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.575  | 96    | 3530     | 0.417    | ug/L  | # 1      |
| 29) 1,1,1-Trichloroethane     | 5.314  | 97    | 15396    | 1.092    | ug/L  | 98       |
| 42) Toluene                   | 7.967  | 91    | 28343    | 0.678    | ug/L  | 99       |
| -----                         |        |       |          |          |       |          |

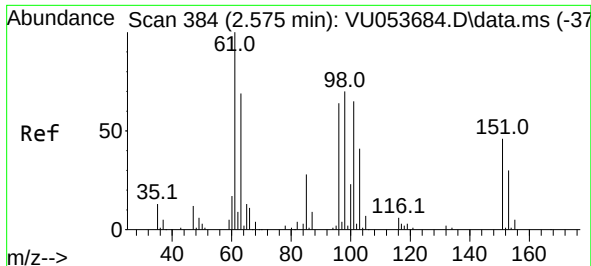
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.417 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU053693.D

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MSVOA\_U

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BHE03

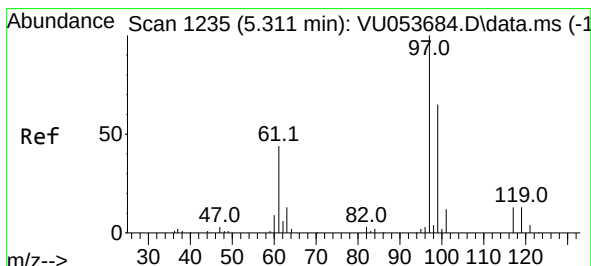
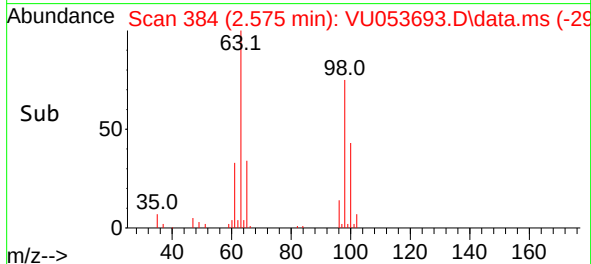
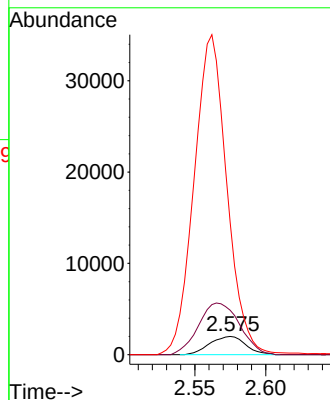
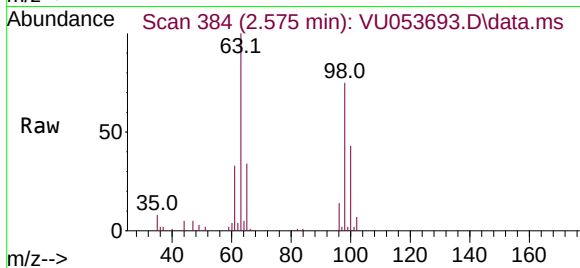
Tgt Ion: 96 Resp: 3530

Ion Ratio Lower Upper

96 100

61 243.8 116.8 216.8#

63 727.9 88.6 164.6#



#29

1,1,1-Trichloroethane

Concen: 1.092 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU053693.D

Acq: 13 Apr 2023 19:46

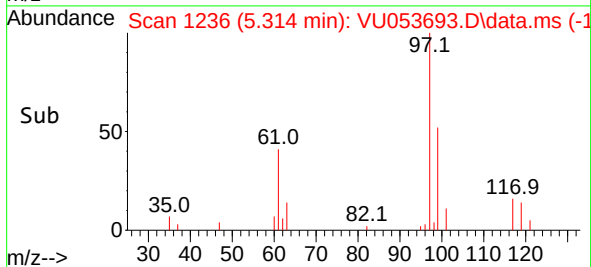
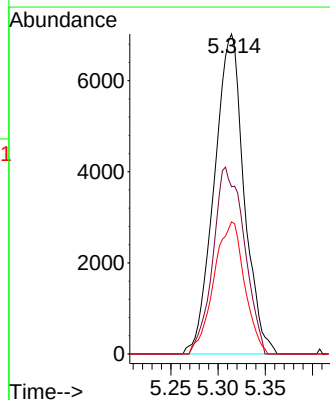
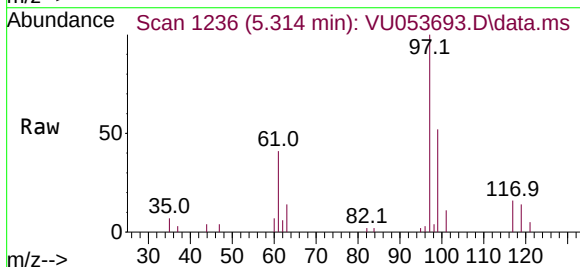
Tgt Ion: 97 Resp: 15396

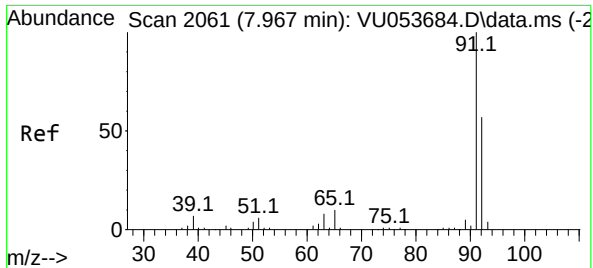
Ion Ratio Lower Upper

97 100

99 61.1 49.9 74.9

61 42.4 35.7 53.5





#42

Toluene

Concen: 0.678 ug/L

RT: 7.967 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU053693.D

Acq: 13 Apr 2023 19:46

Instrument :

MSVOA\_U

ClientSampleId :

BHE03

Tgt Ion: 91 Resp: 28343

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0

