

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121123\  
 Data File : VU056748.D  
 Acq On : 11 Dec 2023 21:44  
 Operator : MD/SY  
 Sample : 05664-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0Y31

Quant Time: Dec 12 01:13:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 12 01:07:35 2023  
 Response via : Initial Calibration

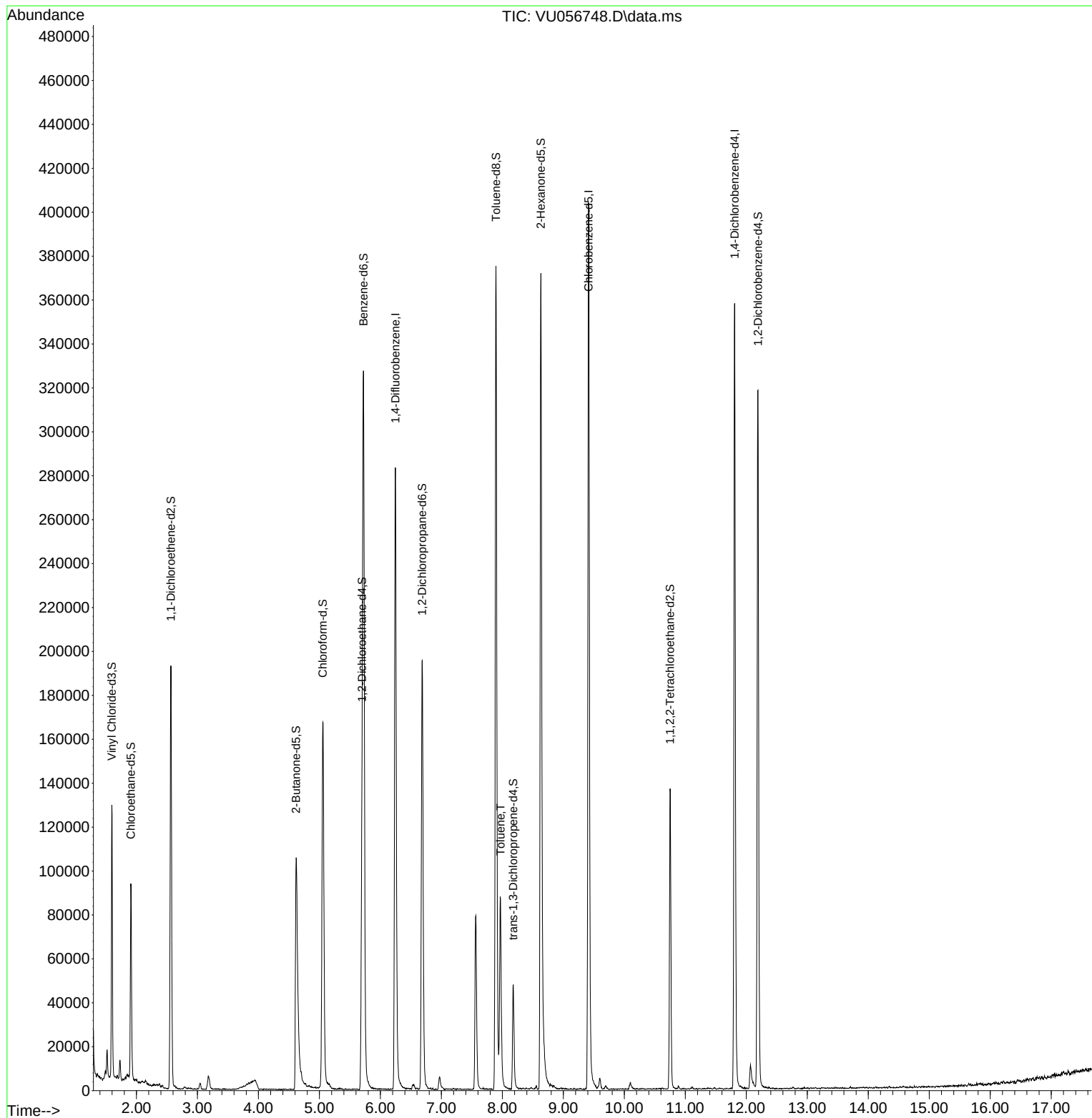
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 238490   | 5.000    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 238777   | 5.000    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 96660    | 5.000    | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 88112    | 4.310    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 86.200%   |
| 7) Chloroethane-d5            | 1.908  | 69    | 67318    | 4.401    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 88.000%   |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 38134    | 4.360    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 87.200%   |
| 20) 2-Butanone-d5             | 4.618  | 46    | 170643   | 42.269   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 84.540%   |
| 24) Chloroform-d              | 5.055  | 84    | 161233   | 4.165    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.400%   |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 80141    | 4.375    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 87.400%   |
| 32) Benzene-d6                | 5.721  | 84    | 316435   | 4.273    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 85.400%   |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 100475   | 4.334    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 86.600%   |
| 41) Toluene-d8                | 7.894  | 98    | 260925   | 3.942    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 78.800%   |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 28808    | 3.205    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 64.000%   |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 127642   | 37.646   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 75.300%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 68798    | 4.102    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 82.000%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 86796    | 4.568    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 91.400%   |
| Target Compounds              |        |       |          |          |       |           |
| 42) Toluene                   | 7.968  | 91    | 66592    | 0.767    | ug/L  | Qvalue 98 |
| -----                         |        |       |          |          |       |           |

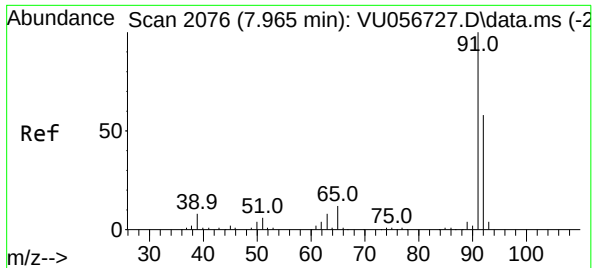
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121123\  
Data File : VU056748.D  
Acq On : 11 Dec 2023 21:44  
Operator : MD/SY  
Sample : 05664-04  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E0Y31

Quant Time: Dec 12 01:13:50 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Dec 12 01:07:35 2023  
Response via : Initial Calibration





#42

Toluene

Concen: 0.767 ug/L

RT: 7.968 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU056748.D

Acq: 11 Dec 2023 21:44

Instrument :

MSVOA\_U

ClientSampleId :

E0Y31

Tgt Ion: 91 Resp: 66592

Ion Ratio Lower Upper

91 100

92 56.3 40.4 75.0

