

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120921\  
 Data File : VU046239.D  
 Acq On : 09 Dec 2021 22:48  
 Operator : SY/MD  
 Sample : M5002-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CW2

Quant Time: Dec 10 05:24:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 03 05:08:36 2021  
 Response via : Initial Calibration

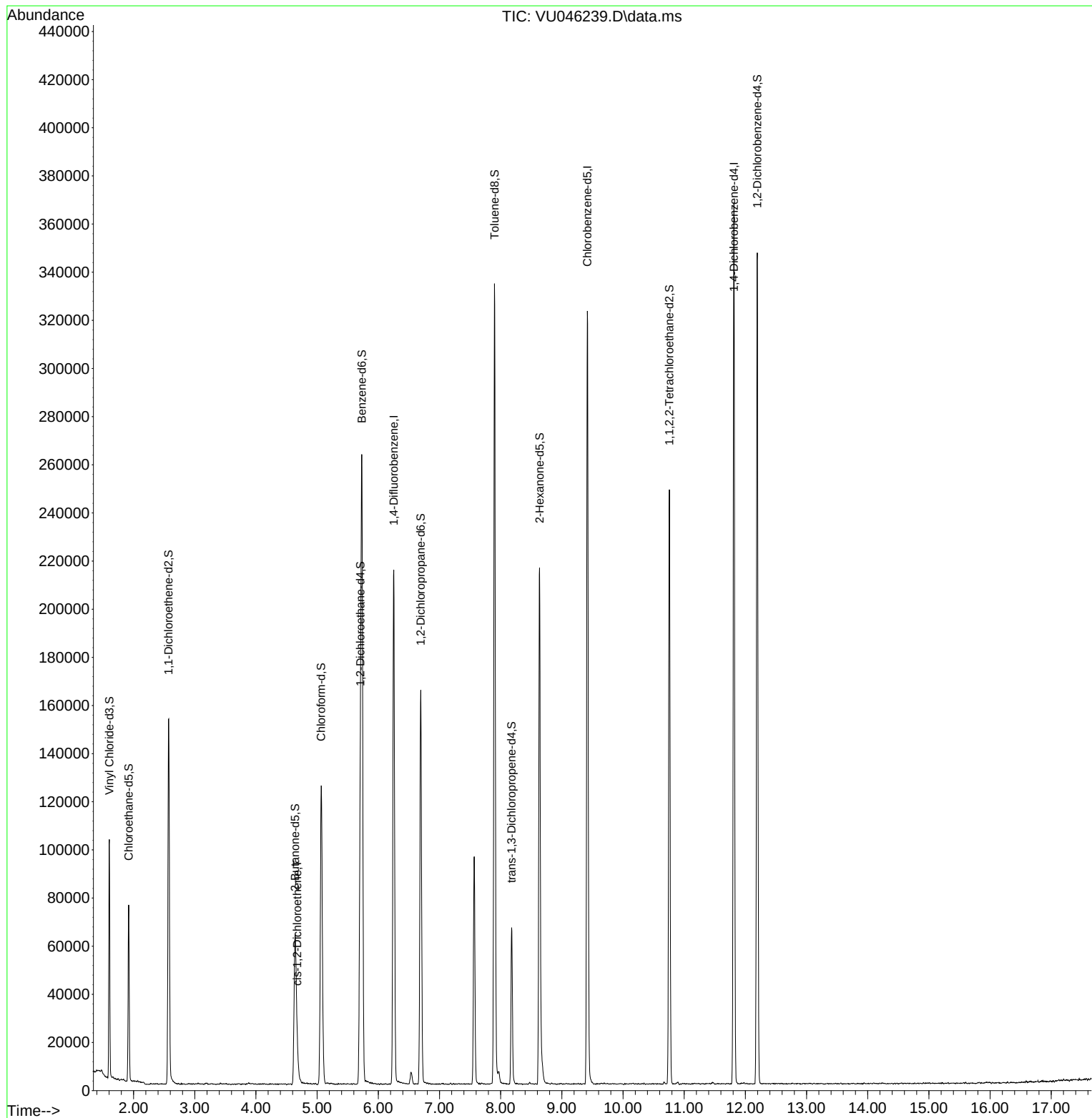
| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 176730   | 50.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 185464   | 50.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 97221    | 50.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.604   | 65    | 68986    | 47.387   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 94.780%   |
| 7) Chloroethane-d5            | 1.919   | 69    | 51516    | 46.089   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 92.180%   |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 90819    | 34.751   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 69.500%   |
| 21) 2-Butanone-d5             | 4.639   | 46    | 109921   | 94.981   | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 94.980%   |
| 24) Chloroform-d              | 5.067   | 84    | 115292   | 47.423   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 94.840%   |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 80395    | 49.275   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 98.540%   |
| 32) Benzene-d6                | 5.732   | 84    | 247229   | 46.509   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 93.020%   |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 77786    | 47.216   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 94.440%   |
| 41) Toluene-d8                | 7.899   | 98    | 220607   | 45.580   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 91.160%   |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 37458    | 47.101   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 94.200%   |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 78731    | 100.794  | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 100.790%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 120892   | 48.388   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 96.780%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 90205    | 48.179   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 96.360%   |
| Target Compounds              |         |       |          |          |       |           |
| 20) cis-1,2-Dichloroethene    | 4.674   | 96    | 1480     | 1.055    | ug/L  | Qvalue 95 |
| -----                         |         |       |          |          |       |           |

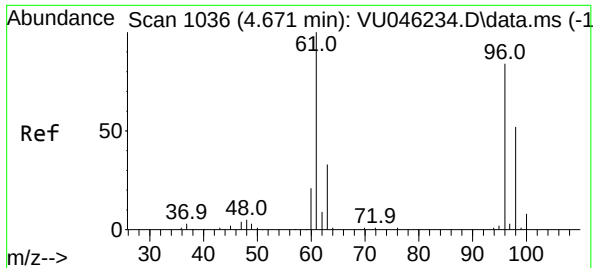
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120921\  
Data File : VU046239.D  
Acq On : 09 Dec 2021 22:48  
Operator : SY/MD  
Sample : M5002-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0CW2

Quant Time: Dec 10 05:24:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 03 05:08:36 2021  
Response via : Initial Calibration





#20  
 cis-1,2-Dichloroethene  
 Concen: 1.055 ug/L  
 RT: 4.674 min Scan# 10  
 Delta R.T. 0.003 min  
 Lab File: VU046239.D  
 Acq: 09 Dec 2021 22:48

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CW2

Tgt Ion: 96 Resp: 1480  
 Ion Ratio Lower Upper  
 96 100  
 61 118.5 86.8 161.2  
 68 0.0 0.0 0.0

