

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122322\  
 Data File : VU052528.D  
 Acq On : 23 Dec 2022 11:42  
 Operator : JC/MD  
 Sample : N6188-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COL50

Quant Time: Dec 24 03:54:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 24 03:53:16 2022  
 Response via : Initial Calibration

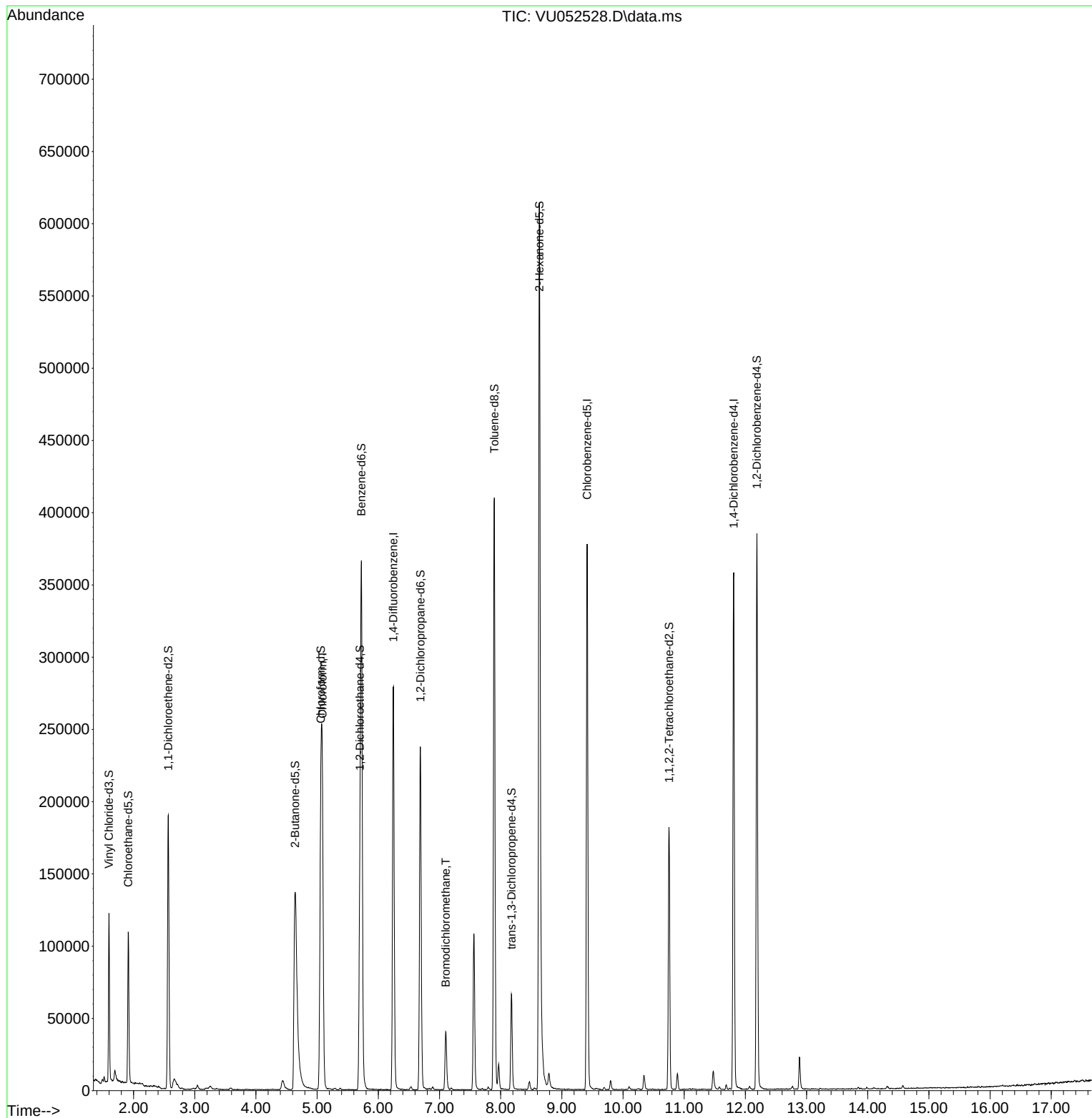
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 216730   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 203137   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 90573    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 82676    | 3.765  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 75.400%  |          |
| 7) Chloroethane-d5            | 1.913  | 69             | 79210    | 4.183  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 83.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 37495    | 3.968  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 79.400%  |          |
| 20) 2-Butanone-d5             | 4.639  | 46             | 313816   | 46.089 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 92.180%  |          |
| 24) Chloroform-d              | 5.060  | 84             | 168808   | 4.557  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 94516    | 4.399  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.000%  |          |
| 32) Benzene-d6                | 5.723  | 84             | 335943   | 4.824  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 114783   | 4.788  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 95.800%  |          |
| 41) Toluene-d8                | 7.896  | 98             | 265136   | 4.535  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79             | 37781    | 4.602  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.000%  |          |
| 46) 2-Hexanone-d5             | 8.633  | 63             | 215919   | 48.074 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.140%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84             | 92070    | 4.523  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 90.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152            | 96139    | 5.214  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 25) Chloroform                | 5.086  | 83             | 173764   | 4.930  | ug/L     | 98       |
| 38) Bromodichloromethane      | 7.102  | 83             | 26459    | 1.065  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

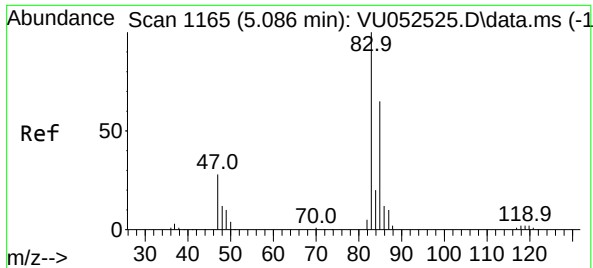
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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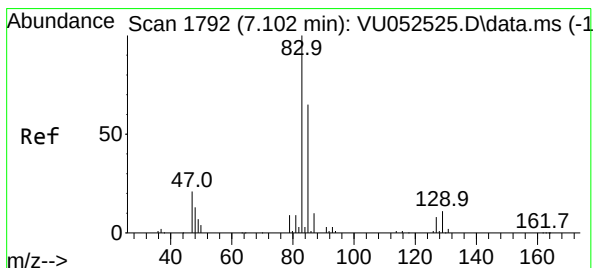
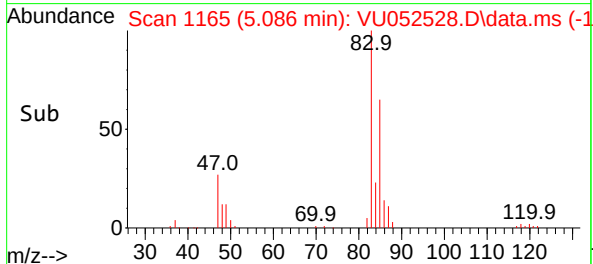
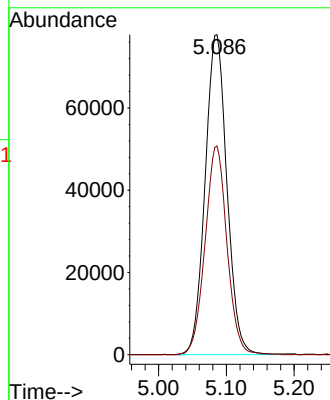
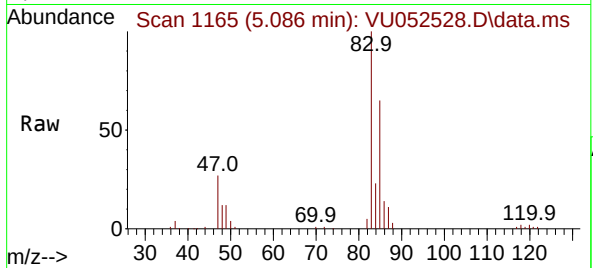




#25  
Chloroform  
Concen: 4.930 ug/L  
RT: 5.086 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: VU052528.D  
Acq: 23 Dec 2022 11:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
COL50

Tgt Ion: 83 Resp: 173764  
Ion Ratio Lower Upper  
83 100  
85 65.2 44.7 83.1



#38  
Bromodichloromethane  
Concen: 1.065 ug/L  
RT: 7.102 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VU052528.D  
Acq: 23 Dec 2022 11:42

Tgt Ion: 83 Resp: 26459  
Ion Ratio Lower Upper  
83 100  
85 62.0 45.2 84.0  
127 6.9 5.8 8.6

