

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\  
 Data File : VU036095.D  
 Acq On : 10 Dec 2019 20:01  
 Operator : JC/MD  
 Sample : K6168-17  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFE50

Quant Time: Dec 11 08:12:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 11 06:27:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 270129   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 307483   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 79101    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 121530   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 101.00% |
| 7) Chloroethane-d5             | 1.93   | 69    | 118289   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 137244   | 3.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.40%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 201454   | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.20%  |
| 24) Chloroform-d               | 5.11   | 84    | 176072   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 103541   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.77   | 84    | 370858   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 119992   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.20% |
| 41) Toluene-d8                 | 7.93   | 98    | 308268   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 44422    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.80%  |
| 46) 2-Hexanone-d5              | 8.70   | 63    | 175653   | 49.62    | ug/L | 0.03    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 107962   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 83869    | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.20% |

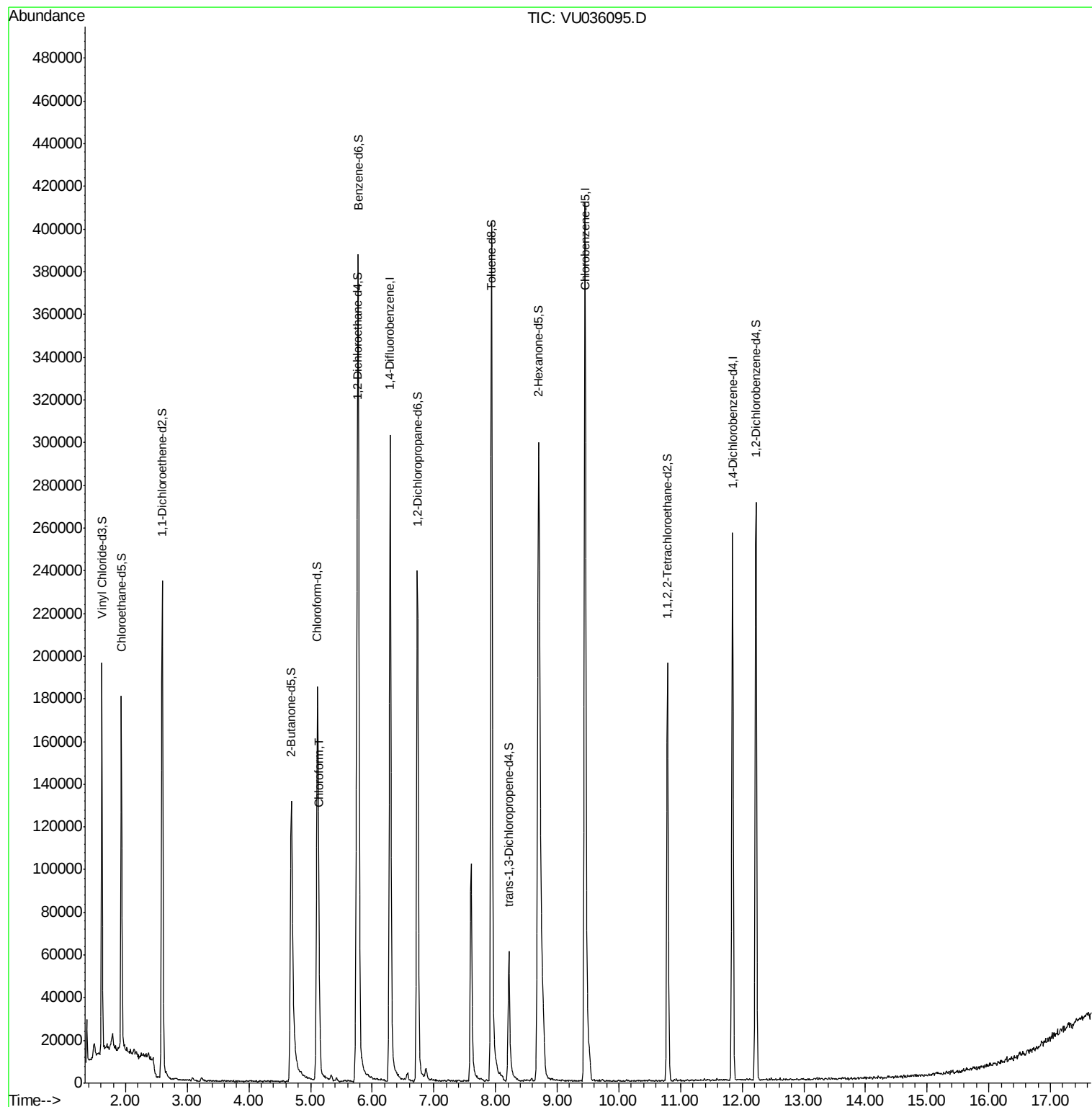
| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 25) Chloroform   | 5.14 | 83 | 26162 | 0.652 ug/L 96 |

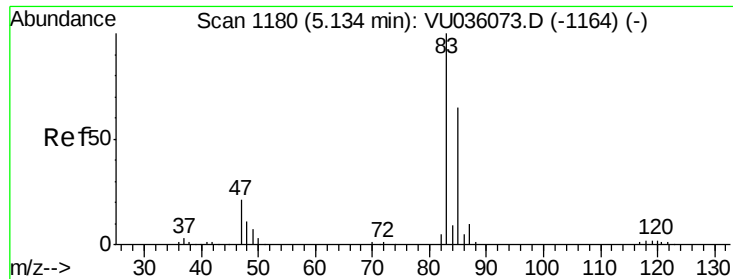
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\  
Data File : VU036095.D  
Acq On : 10 Dec 2019 20:01  
Operator : JC/MD  
Sample : K6168-17  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFE50

Quant Time: Dec 11 08:12:12 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Dec 11 06:27:41 2019  
Response via : Initial Calibration





#25  
 Chloroform  
 Concen: 0.652 ug/L  
 RT: 5.14 min Scan# 1182  
 Delta R.T. 0.01 min  
 Lab File: VU036095.D  
 Acq: 10 Dec 2019 20:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFE50

Tot Ion: 83 Resp: 26162  
 Ion Ratio Lower Upper  
 83 100  
 85 65.7 43.9 81.5

