

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU080519\  
 Data File : VU033599.D  
 Acq On : 05 Aug 2019 15:12  
 Operator : JC/SP  
 Sample : K4117-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

Quant Time: Aug 06 05:43:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 06 03:56:19 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 324813   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 317654   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 153327   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 91916    | 44.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.56%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 82484    | 35.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 71.30%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 132798   | 33.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.08%  |
| 21) 2-Butanone-d5              | 4.14    | 46    | 164690   | 97.93    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.93%  |
| 24) Chloroform-d               | 4.62    | 84    | 179589   | 45.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.90%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 119622   | 48.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.32    | 84    | 366687   | 47.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 120635   | 48.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.04%  |
| 41) Toluene-d8                 | 7.55    | 98    | 334389   | 46.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.52%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 55922    | 45.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.44%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 120269   | 98.91    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.91%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 183235   | 48.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.32%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 138702   | 50.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.74% |

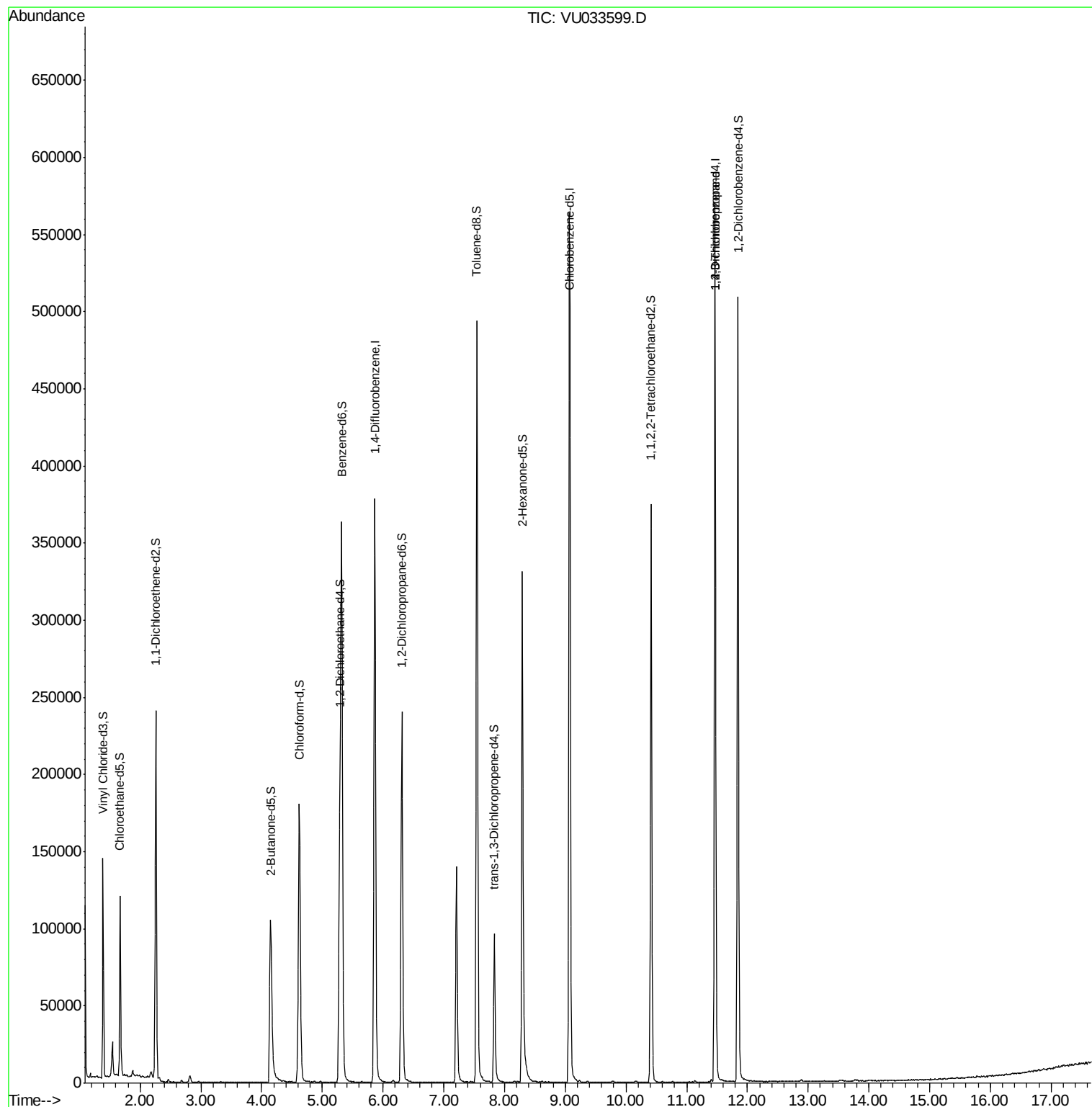
| Target Compounds           |       |    |       |            | Qvalue |
|----------------------------|-------|----|-------|------------|--------|
| 59) 1,2,3-Trichloropropane | 11.47 | 75 | 18524 | 5.476 ug/L | 96     |

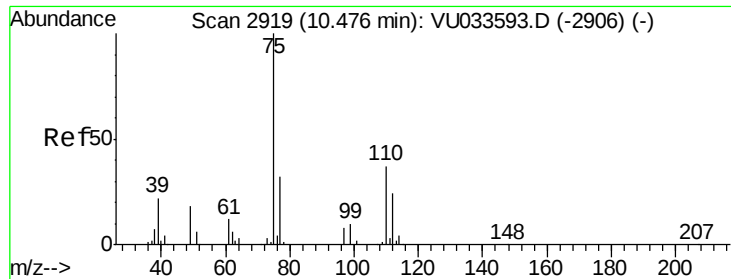
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#59

1,2,3-Trichloropropane

Concen: 5.476 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033599.D

Acq: 05 Aug 2019 15:12

Instrument :

MSVOA\_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 18524

Ion Ratio Lower Upper

75 100

77 34.1 25.7 38.5

