

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100920\  
 Data File : VU040600.D  
 Acq On : 09 Oct 2020 22:14  
 Operator : SY/MD  
 Sample : VU1009WBL02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK24

Quant Time: Oct 10 06:14:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Oct 10 05:58:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 125219   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 127877   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 54891    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 50342    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 41529    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.80% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 75765    | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.80%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 186562   | 56.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.38% |
| 24) Chloroform-d               | 5.08   | 84    | 94226    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.60% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 58013    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 173767   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 60376    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.40% |
| 41) Toluene-d8                 | 7.91   | 98    | 142305   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 23183    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 131718   | 52.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.40% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 52876    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 55322    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.80% |

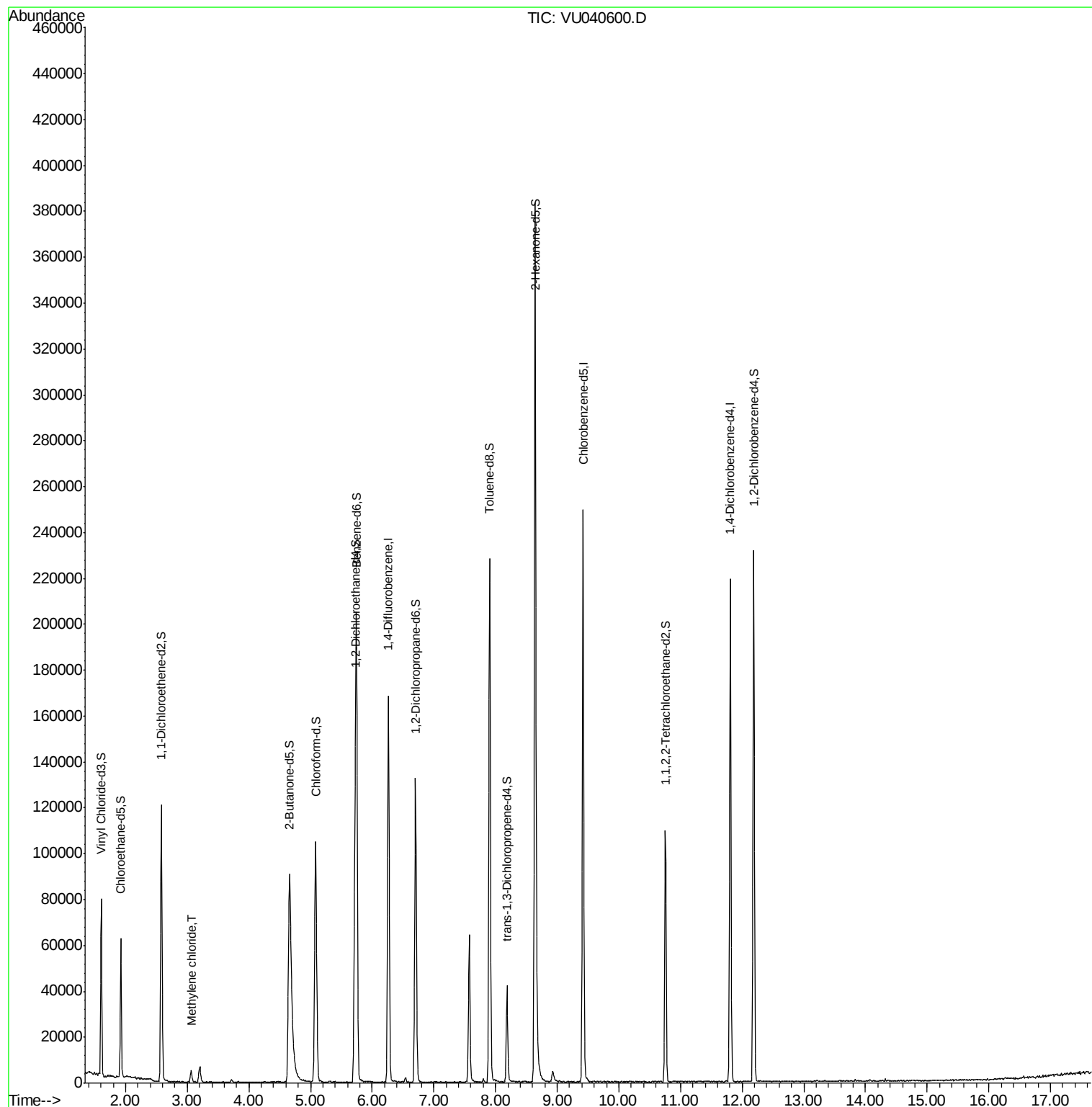
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 2023 | 0.176 ug/L | 98     |

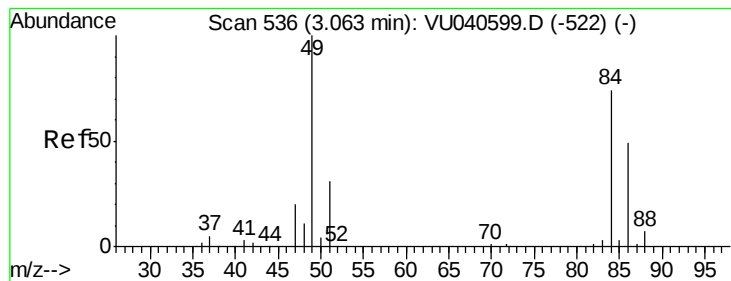
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 0.176 ug/L  
RT: 3.06 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: VU040600.D  
Acq: 09 Oct 2020 22:14

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|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 2023  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 68.3  | 45.4  | 84.4  |
| 49       | 144.0 | 99.8  | 185.3 |

