

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\  
 Data File : VU041291.D  
 Acq On : 17 Nov 2020 21:28  
 Operator : SY/MD  
 Sample : VU1117WBL02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK24

Quant Time: Nov 18 00:20:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 18 00:06:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 67145    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 61709    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 27022    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 23950    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 20778    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 37663    | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.80%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 94783    | 46.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.08%  |
| 24) Chloroform-d               | 5.08   | 84    | 53510    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 33652    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 95749    | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 115.20% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 33137    | 5.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.60% |
| 41) Toluene-d8                 | 7.91   | 98    | 77008    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 12161    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 67985    | 51.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 103.16% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 27357    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 29396    | 5.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.60% |

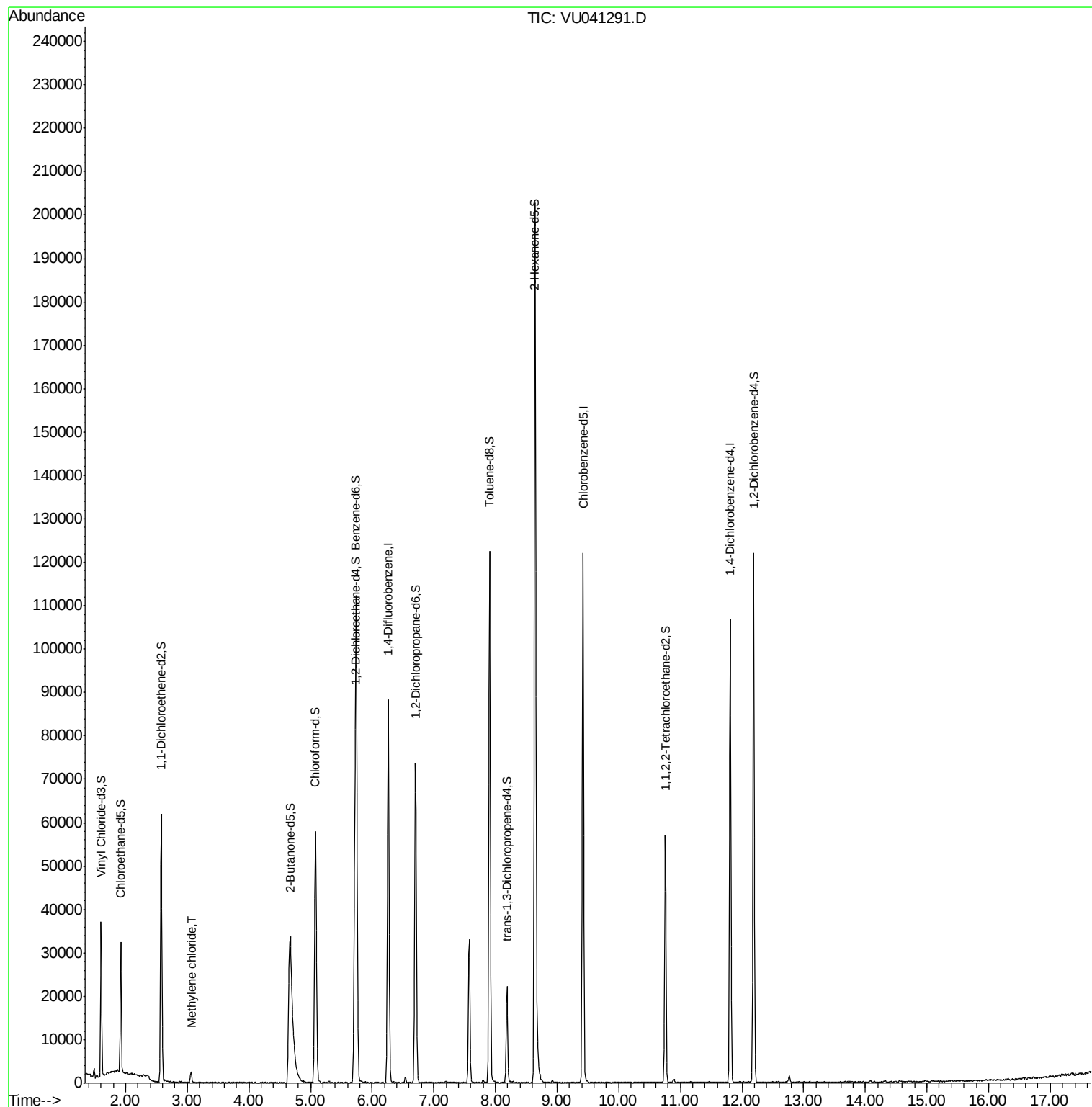
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 1017 | 0.186 ug/L | 89     |

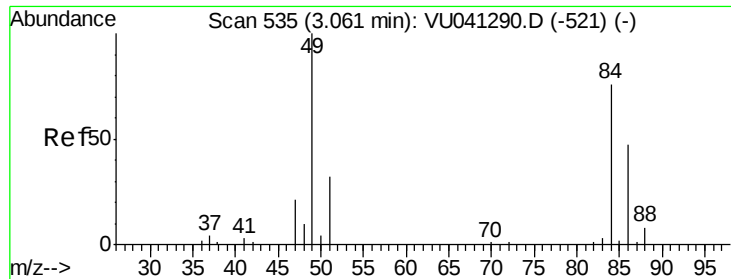
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
 Methvlene chloride  
 Concen: 0.186 ug/L  
 RT: 3.06 min Scan# 536  
 Delta R.T. 0.00 min  
 Lab File: VU041291.D  
 Acq: 17 Nov 2020 21:28

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Tot Ion: 84 Resp: 1017  
 Ion Ratio Lower Upper  
 84 100  
 86 71.5 42.8 79.6  
 49 129.5 99.5 184.7

