

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\  
 Data File : VU038896.D  
 Acq On : 15 Jun 2020 17:09  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK

Quant Time: Jun 16 02:57:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR061520WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 16 01:57:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 270211   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 276699   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 130886   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 63047    | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80% |
| 7) Chloroethane-d5             | 1.93   | 69    | 63622    | 4.81     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 105199   | 3.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.40% |
| 20) 2-Butanone-d5              | 4.67   | 46    | 193290   | 39.67    | ug/L | -0.01  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 79.34% |
| 24) Chloroform-d               | 5.10   | 84    | 151046   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 91020    | 4.86     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20% |
| 32) Benzene-d6                 | 5.76   | 84    | 291097   | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 89306    | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.00% |
| 41) Toluene-d8                 | 7.92   | 98    | 244030   | 4.28     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.60% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 38915    | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.60% |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 194691   | 46.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.08% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 81080    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 102922   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.00% |

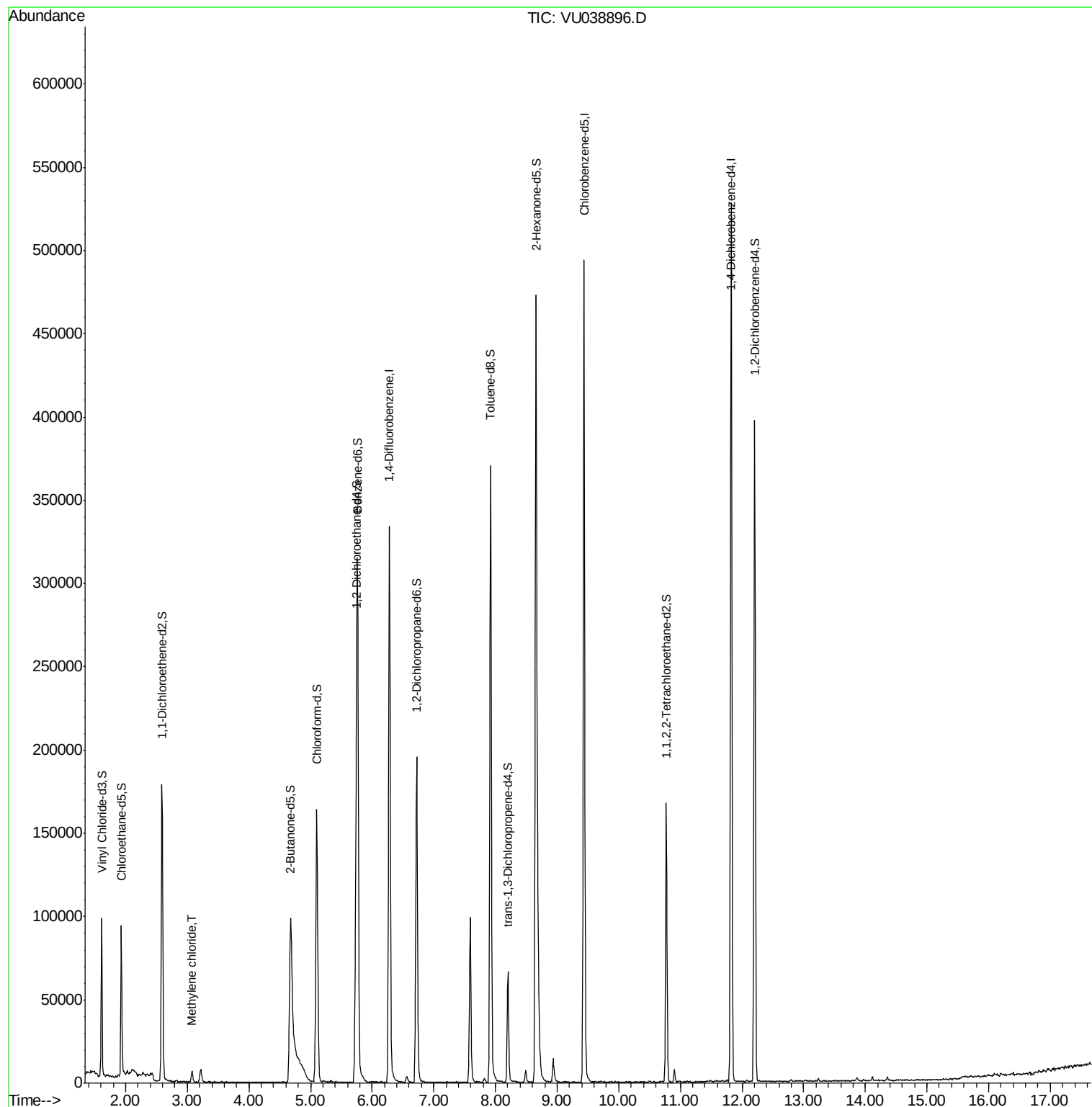
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.08 | 84 | 3301 | 0.150 ug/L | 96     |

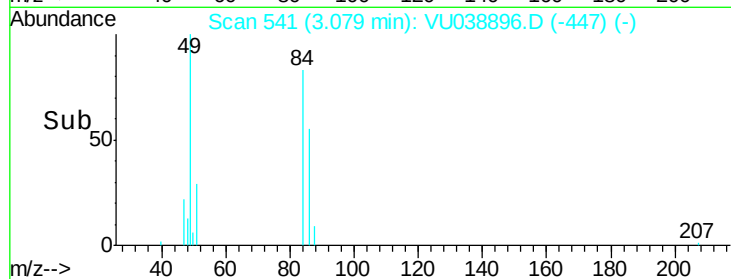
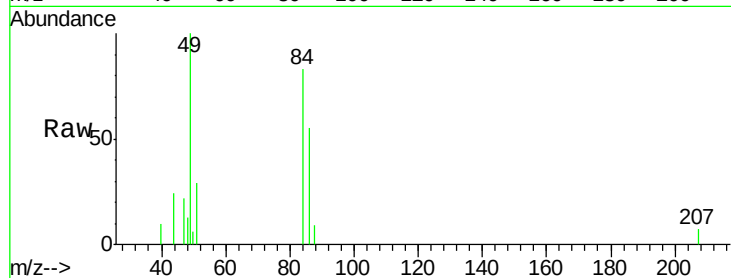
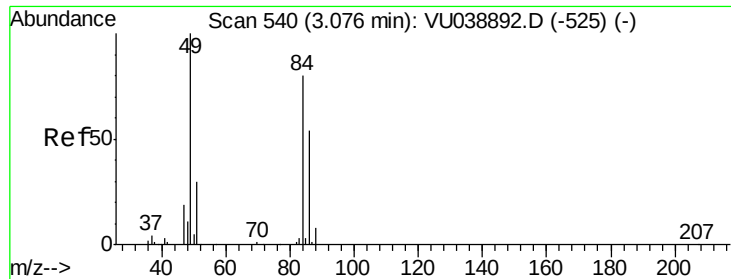
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 0.150 ug/L  
RT: 3.08 min Scan# 541  
Delta R.T. 0.00 min  
Lab File: VU038896.D  
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Tot Ion: 84 Resp: 3301  
Ion Ratio Lower Upper  
84 100  
86 66.4 47.9 89.1  
49 120.1 88.4 164.2

