

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\  
 Data File : VU040903.D  
 Acq On : 22 Oct 2020 13:45  
 Operator : SY/MD  
 Sample : L4420-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Oct 23 00:41:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 22 23:17:57 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 213849   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 226299   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 94531    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 63173    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 62255    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 99152    | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.60%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 322110   | 61.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.76% |
| 24) Chloroform-d               | 5.08   | 84    | 155893   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 100643   | 5.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 264790   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 97280    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.60%  |
| 41) Toluene-d8                 | 7.91   | 98    | 200542   | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 35675    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 227180   | 56.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 112.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 92883    | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 88015    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.00% |

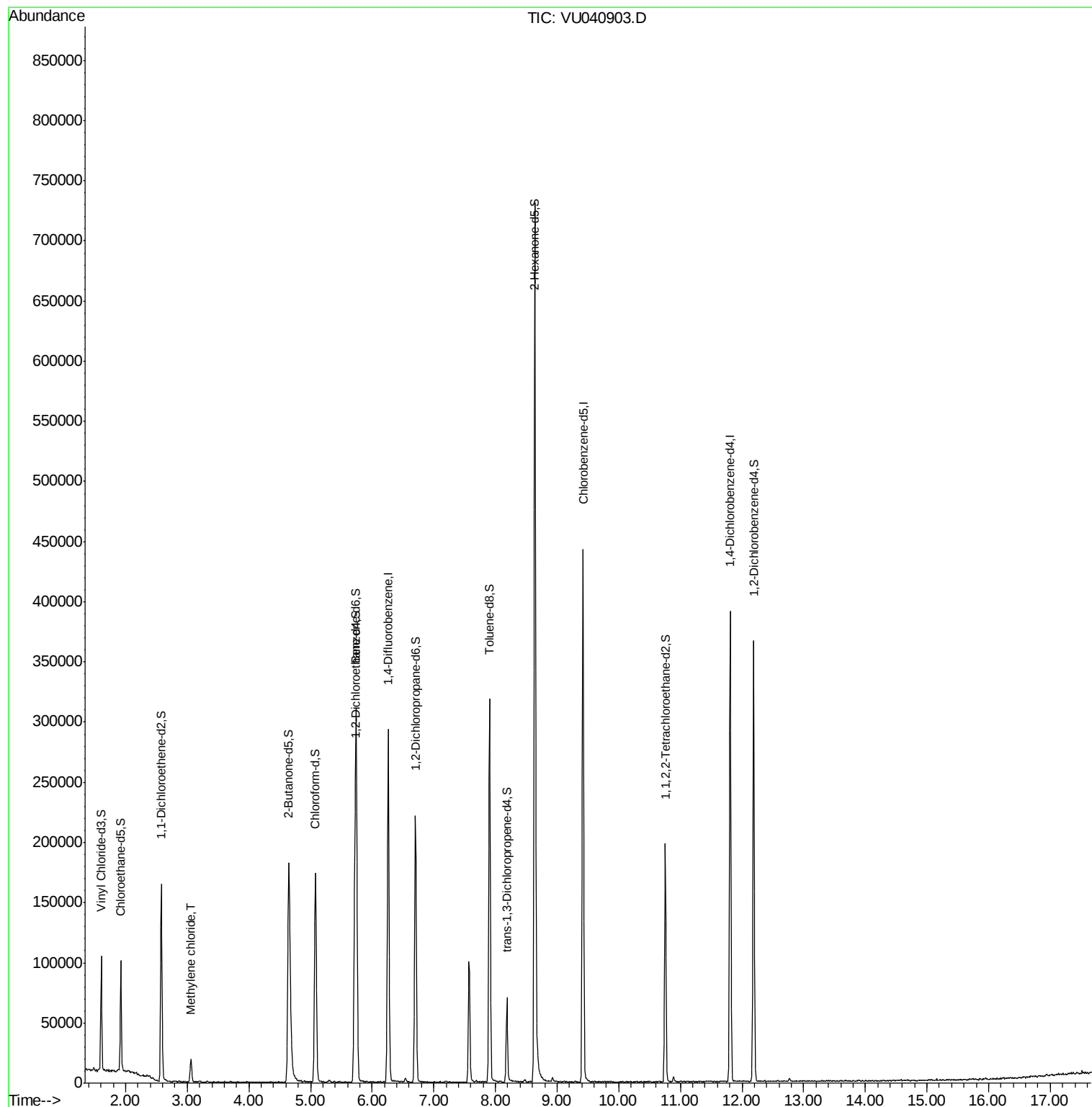
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 8334 | 0.433 ug/L | 97     |

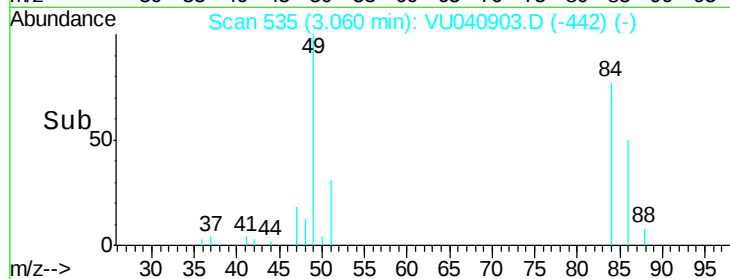
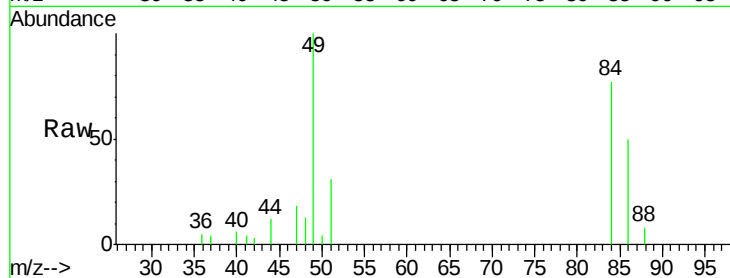
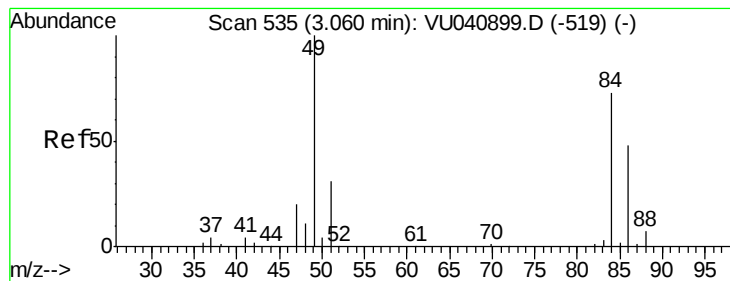
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methvlene chloride  
Concen: 0.433 ug/L  
RT: 3.06 min Scan# 535  
Delta R.T. -0.00 min  
Lab File: VU040903.D  
Acq: 22 Oct 2020 13:45

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Tot Ion: 84 Resp: 8334  
Ion Ratio Lower Upper  
84 100  
86 64.8 44.9 83.5  
49 129.7 94.7 175.9

