

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\  
 Data File : VU040244.D  
 Acq On : 21 Sep 2020 19:18  
 Operator : SY/MD  
 Sample : L4063-11  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Sep 22 09:06:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 22 07:07:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 117512   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 115951   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 51791    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 35501    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 110.60% |
| 7) Chloroethane-d5             | 1.92   | 69    | 32729    | 6.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 122.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 61242    | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.40%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 158462   | 61.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.50% |
| 24) Chloroform-d               | 5.08   | 84    | 78820    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.20% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 52063    | 5.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 112.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 151986   | 5.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.20% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 49131    | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.00% |
| 41) Toluene-d8                 | 7.90   | 98    | 128308   | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.00% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20107    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 119506   | 61.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 123.10% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 45506    | 5.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 118.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 50046    | 5.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 119.40% |

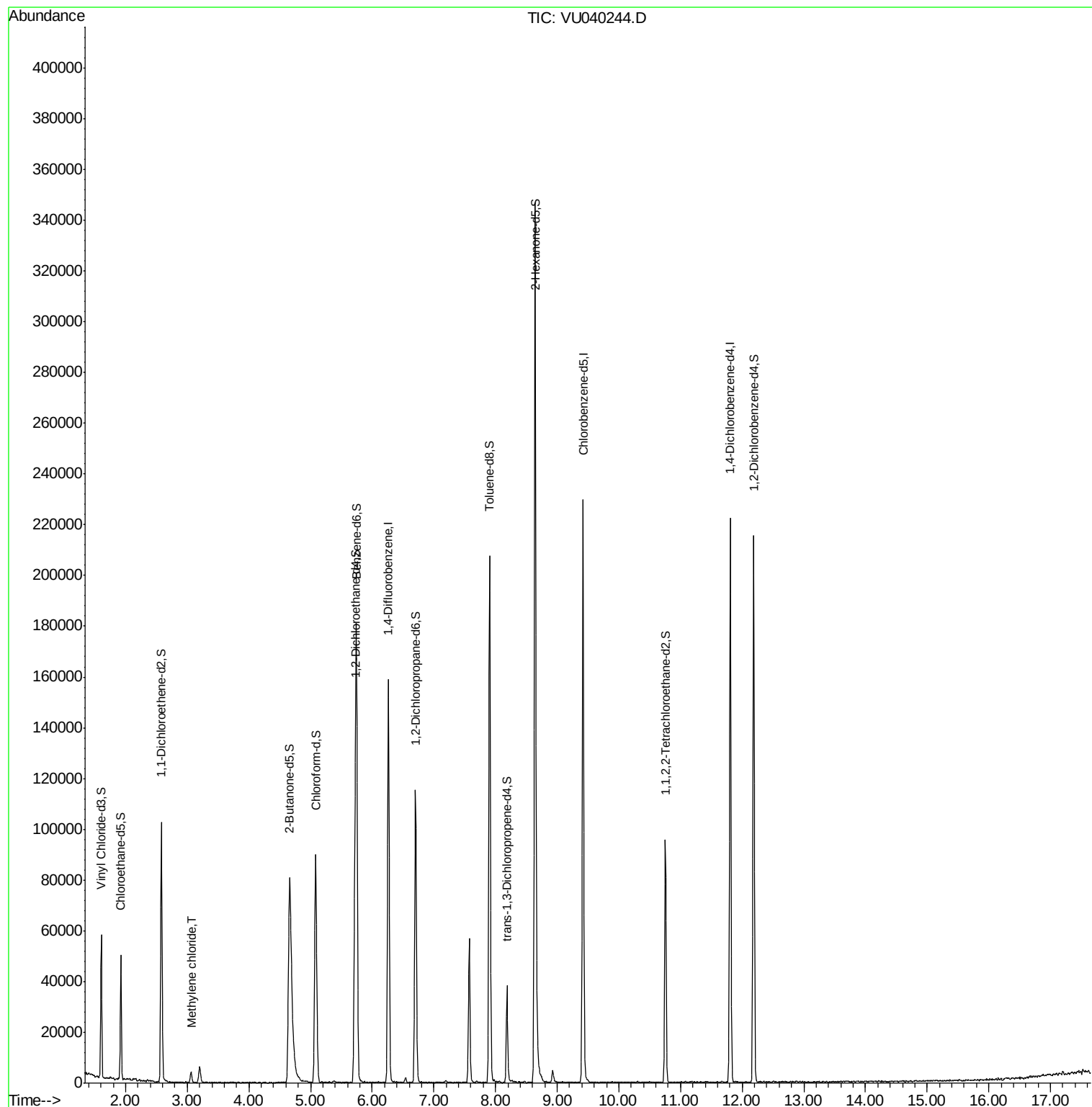
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 1761 | 0.148 ug/L | 90     |

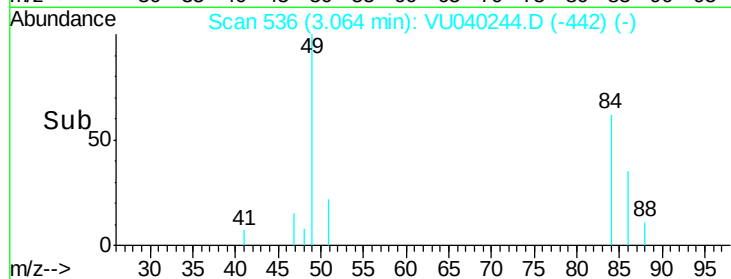
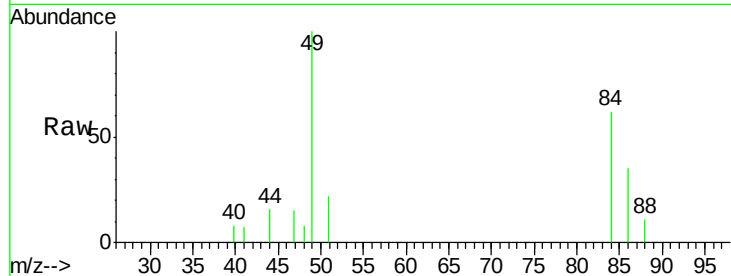
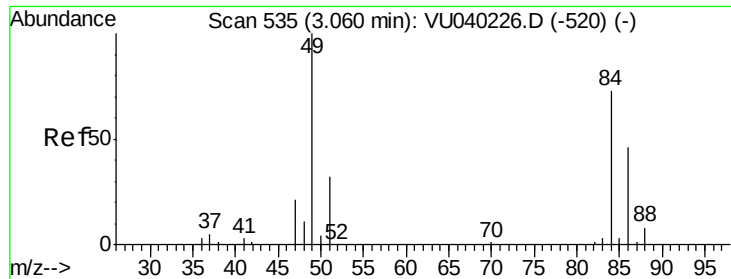
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 0.148 ug/L  
RT: 3.06 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: VU040244.D  
Acq: 21 Sep 2020 19:18

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MSVOA\_U  
ClientSampleId :  
VHBLK01

Tot Ion: 84 Resp: 1761  
Ion Ratio Lower Upper  
84 100  
86 56.7 45.2 84.0  
49 161.3 104.0 193.2

