

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\  
 Data File : VU040366.D  
 Acq On : 29 Sep 2020 18:01  
 Operator : SY/MD  
 Sample : VIBLK01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK01

Quant Time: Sep 30 02:48:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR092920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Sep 30 01:43:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 125076   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 129864   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 56365    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 38889    | 6.28     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 125.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 35226    | 6.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 130.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 62422    | 4.19     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 83.80%   |
| 20) 2-Butanone-d5              | 4.65   | 46    | 165873   | 53.93    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.86%  |
| 24) Chloroform-d               | 5.08   | 84    | 81255    | 5.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 51887    | 5.78     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.60%  |
| 32) Benzene-d6                 | 5.75   | 84    | 159344   | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 122.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 55034    | 5.76     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.20%  |
| 41) Toluene-d8                 | 7.91   | 98    | 130165   | 5.74     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 18135    | 4.65     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.00%   |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 117094   | 51.08    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 46822    | 5.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 51980    | 6.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 121.60%# |

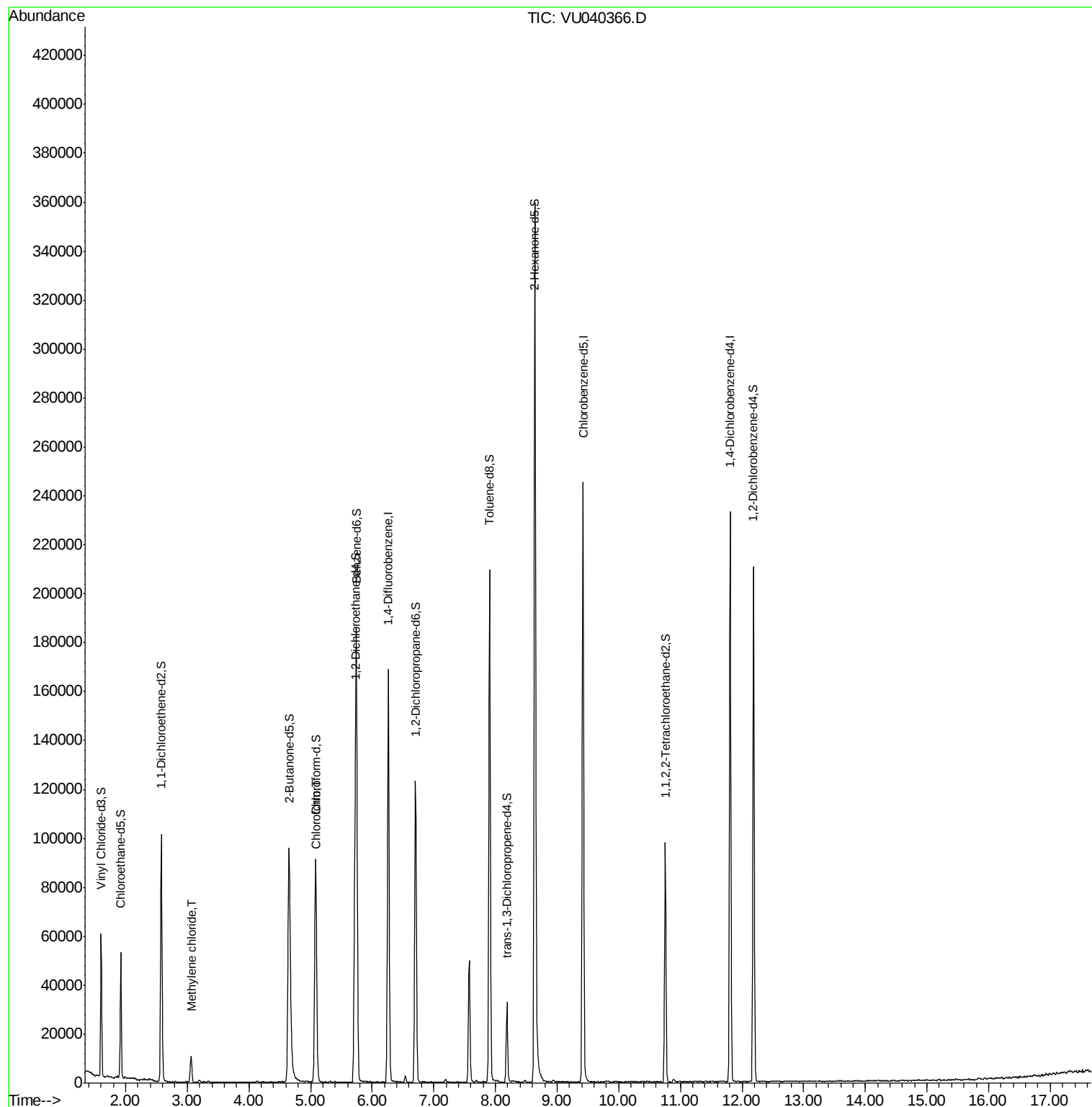
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 4672 | 0.390 ug/L | 92     |
| 25) Chloroform         | 5.10 | 83 | 3879 | 0.188 ug/L | 96     |

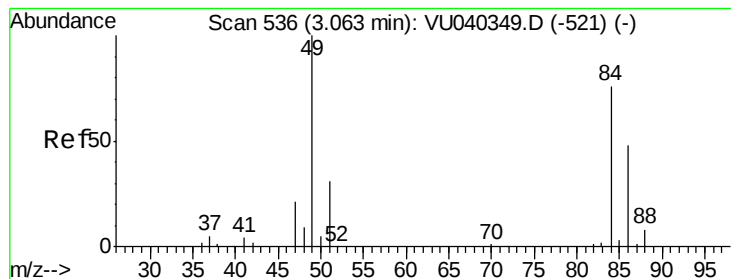
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 01:43:05 2020  
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#16

Methvlene chloride

Concen: 0.390 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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VIBLK01

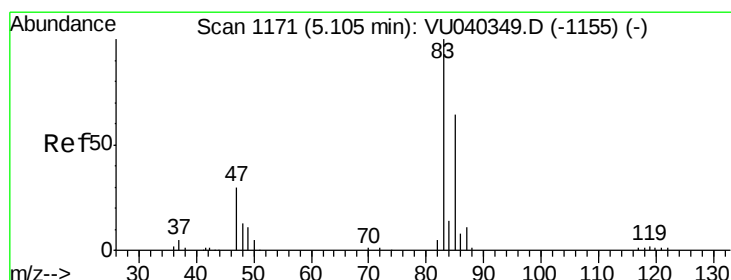
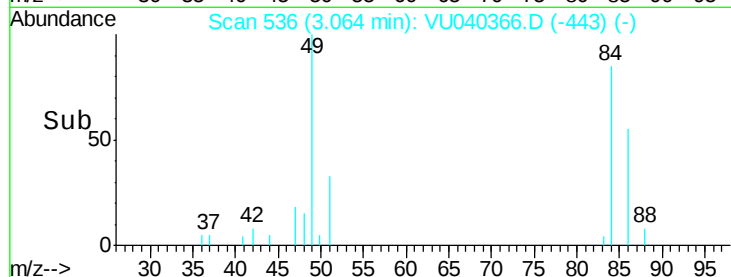
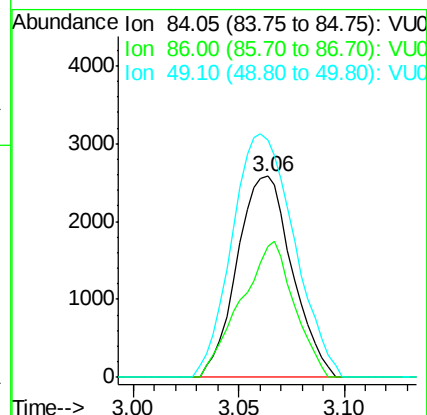
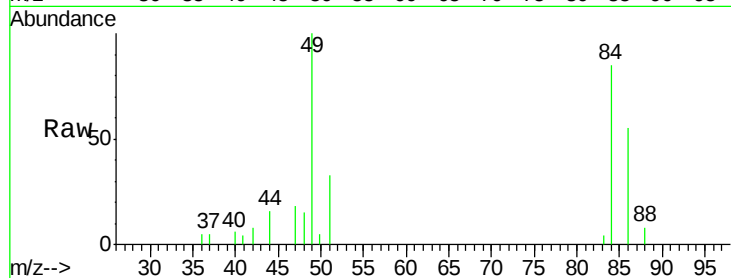
Tot Ion: 84 Resp: 4672

Ion Ratio Lower Upper

84 100

86 65.1 44.4 82.5

49 118.2 92.2 171.2



#25

Chloroform

Concen: 0.188 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040366.D

Acq: 29 Sep 2020 18:01

Tgt Ion: 83 Resp: 3879

Ion Ratio Lower Upper

83 100

85 66.8 44.6 82.8

