

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\  
 Data File : VU039365.D  
 Acq On : 08 Jul 2020 23:16  
 Operator : SY/MD  
 Sample : L3243-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4A71

Quant Time: Jul 09 06:43:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 09 05:48:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 103503   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 97335    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 45711    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 27967    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 32622    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 106.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 45324    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.80%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 157232   | 57.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 114.56% |
| 24) Chloroform-d               | 5.08   | 84    | 68025    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 45526    | 5.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.60% |
| 32) Benzene-d6                 | 5.75   | 84    | 136540   | 5.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 116.60% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 47372    | 5.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 118365   | 5.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 116.60% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 18909    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 104.00% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 117322   | 54.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 108.80% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 42653    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 47381    | 5.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.20% |

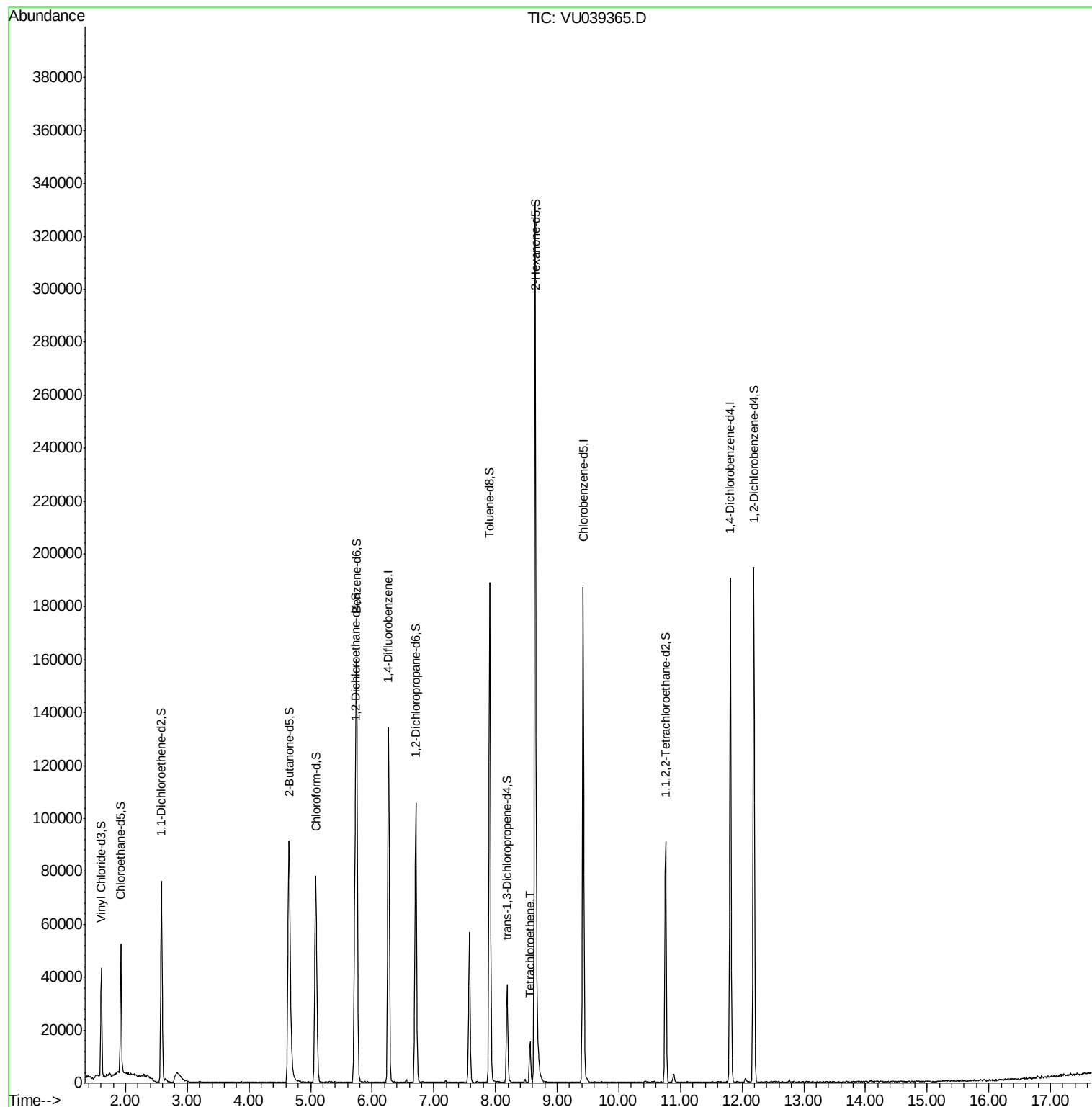
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 47) Tetrachloroethene | 8.56 | 164 | 3085 | 0.590 ug/L | 88     |

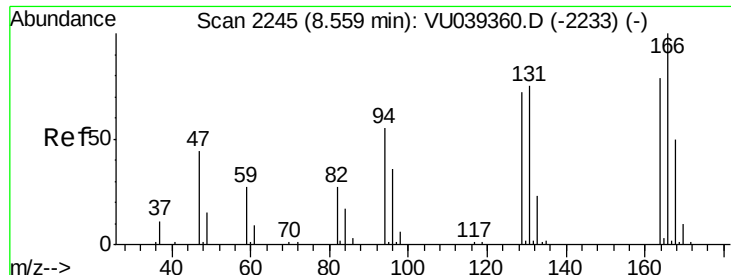
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Tetrachloroethene

Concen: 0.590 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039365.D

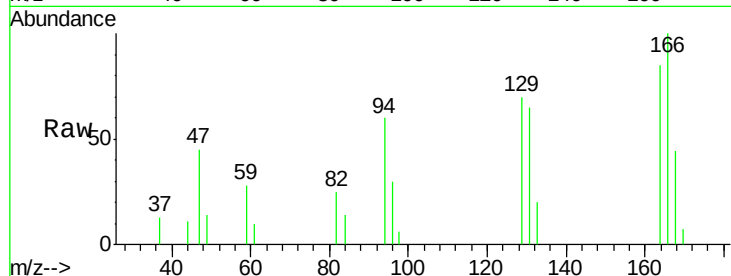
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Tot Ion:164 Resp: 3085

Ion Ratio Lower Upper

164 100

129 81.9 68.6 127.4

131 76.4 66.4 123.4

166 117.7 85.9 159.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

