

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\  
 Data File : VU040149.D  
 Acq On : 16 Sep 2020 15:39  
 Operator : SY/MD  
 Sample : L4041-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AB1

Quant Time: Sep 17 01:34:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 17 01:09:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 146128   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 143981   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 62661    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 29019    | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 72.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 25810    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 77.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 49500    | 2.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 48.40%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 113008   | 35.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 70.82%  |
| 24) Chloroform-d               | 5.08   | 84    | 62669    | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 67.20%# |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 40878    | 3.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.00%  |
| 32) Benzene-d6                 | 5.75   | 84    | 118720   | 3.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 70.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 39117    | 3.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 70.60%  |
| 41) Toluene-d8                 | 7.91   | 98    | 91980    | 3.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 60.60%# |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 15475    | 3.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 60.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 80954    | 33.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 67.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 35456    | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 74.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 36984    | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 73.00%# |

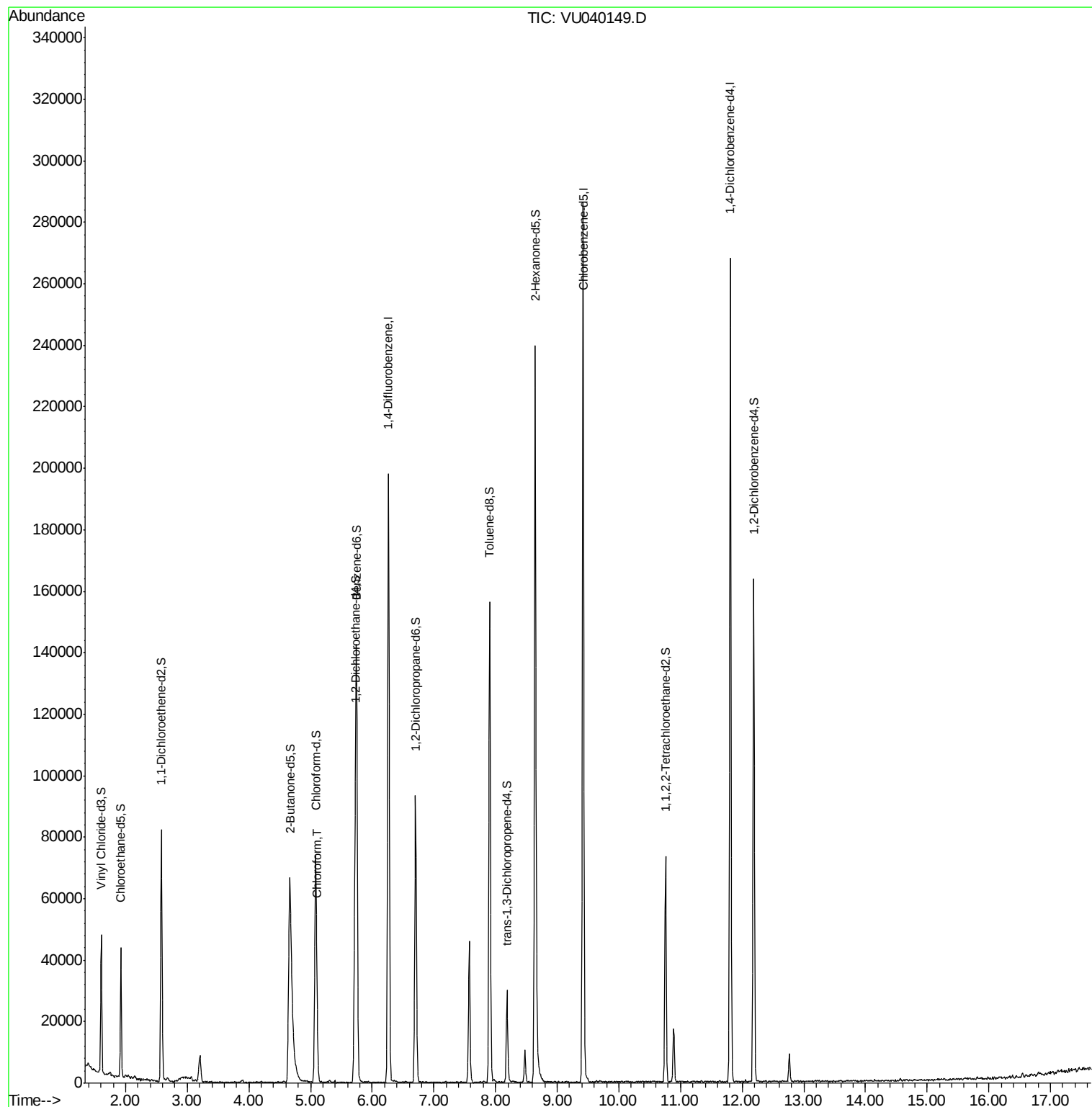
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 5.11 | 83 | 4124 | 0.161 ug/L | 96     |

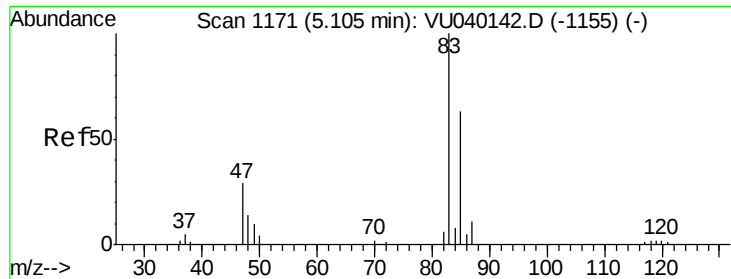
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25  
 Chloroform  
 Concen: 0.161 ug/L  
 RT: 5.11 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: VU040149.D  
 Acq: 16 Sep 2020 15:39

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Tot Ion: 83 Resp: 4124  
 Ion Ratio Lower Upper  
 83 100  
 85 61.7 45.3 84.1

