

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\  
 Data File : VU040793.D  
 Acq On : 19 Oct 2020 10:39  
 Operator : SY/MD  
 Sample : VU1019WBL01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK03

Quant Time: Oct 20 01:46:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 20 01:28:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 122706   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 125771   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 52231    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 49034    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 41075    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.80% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 77426    | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 161784   | 49.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.44%  |
| 24) Chloroform-d               | 5.08   | 84    | 86795    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 56078    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.75   | 84    | 170648   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 57146    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.40% |
| 41) Toluene-d8                 | 7.91   | 98    | 137129   | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 22904    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 116344   | 47.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 49127    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 51102    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.60% |

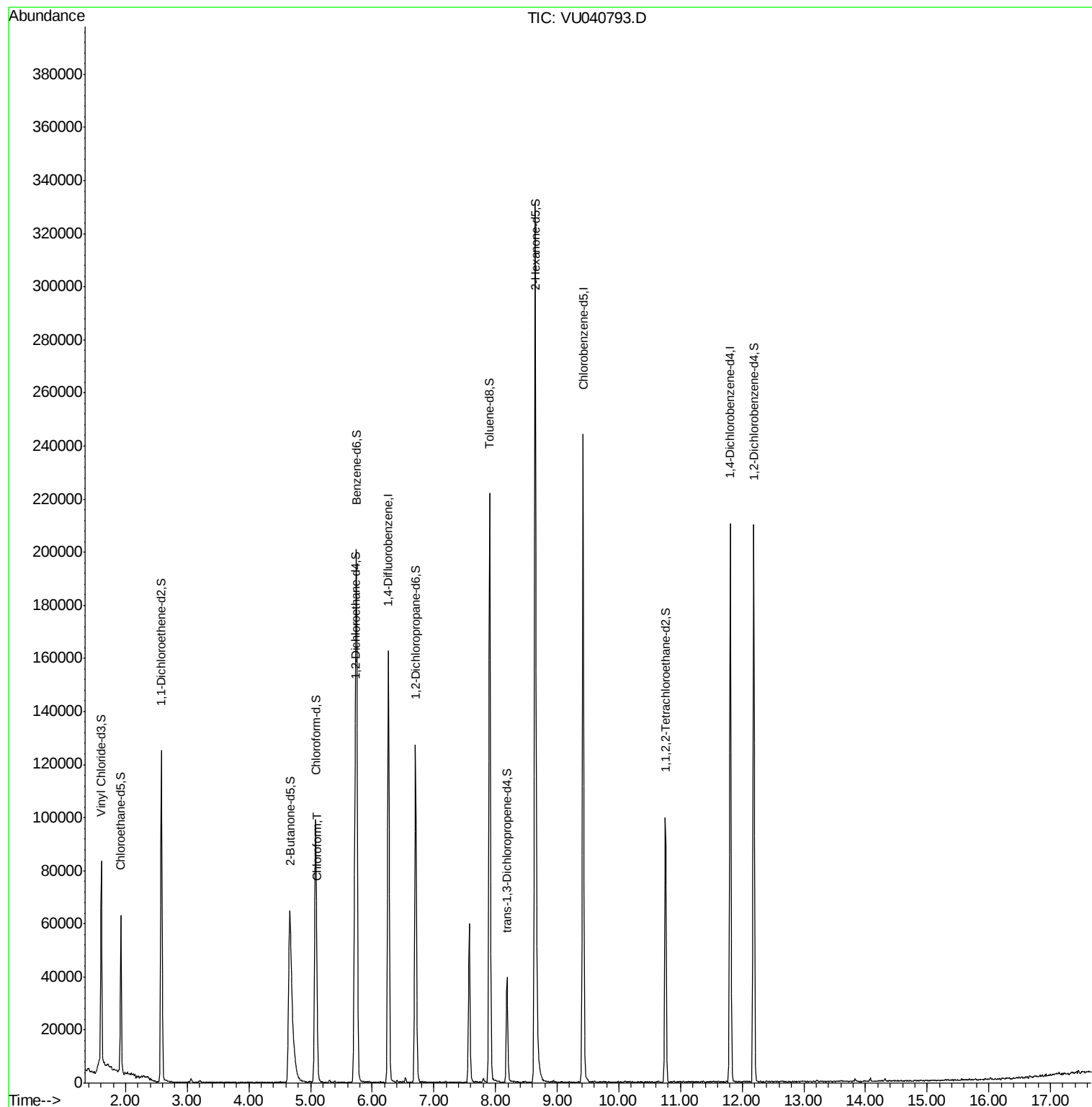
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 5.11 | 83 | 5160 | 0.267 ug/L | 93     |

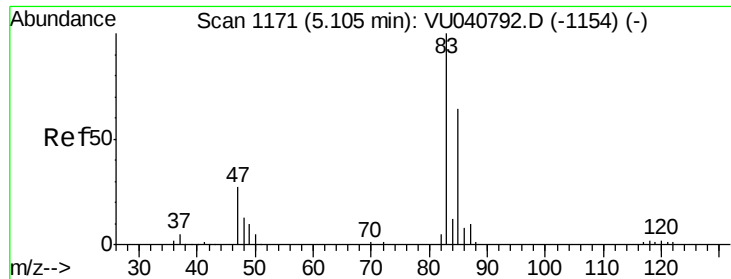
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25  
 Chloroform  
 Concen: 0.267 ug/L  
 RT: 5.11 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: VU040793.D  
 Acq: 19 Oct 2020 10:39

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Tot Ion: 83 Resp: 5160  
 Ion Ratio Lower Upper  
 83 100  
 85 71.9 46.5 86.5

