

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\  
 Data File : VX017907.D  
 Acq On : 14 Aug 2020 18:51  
 Operator : JC/SP  
 Sample : L3703-02  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F4M15

Quant Time: Aug 17 04:05:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR080720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Aug 17 01:26:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 284213   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 278961   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 124912   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 78957    | 4.02     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.40% |
| 7) Chloroethane-d5             | 1.69   | 69    | 66584    | 4.27     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.40% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 125475   | 3.10     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.00% |
| 20) 2-Butanone-d5              | 4.53   | 46    | 239141   | 45.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.70% |
| 24) Chloroform-d               | 5.14   | 84    | 145826   | 3.66     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.20% |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 96945    | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60% |
| 32) Benzene-d6                 | 6.05   | 84    | 325007   | 4.24     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.80% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 108327   | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.60% |
| 41) Toluene-d8                 | 8.70   | 98    | 286591   | 3.93     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.60% |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 40649    | 3.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.40% |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 196279   | 46.06    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.12% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 80231    | 4.46     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.20% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 115332   | 4.80     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.00% |

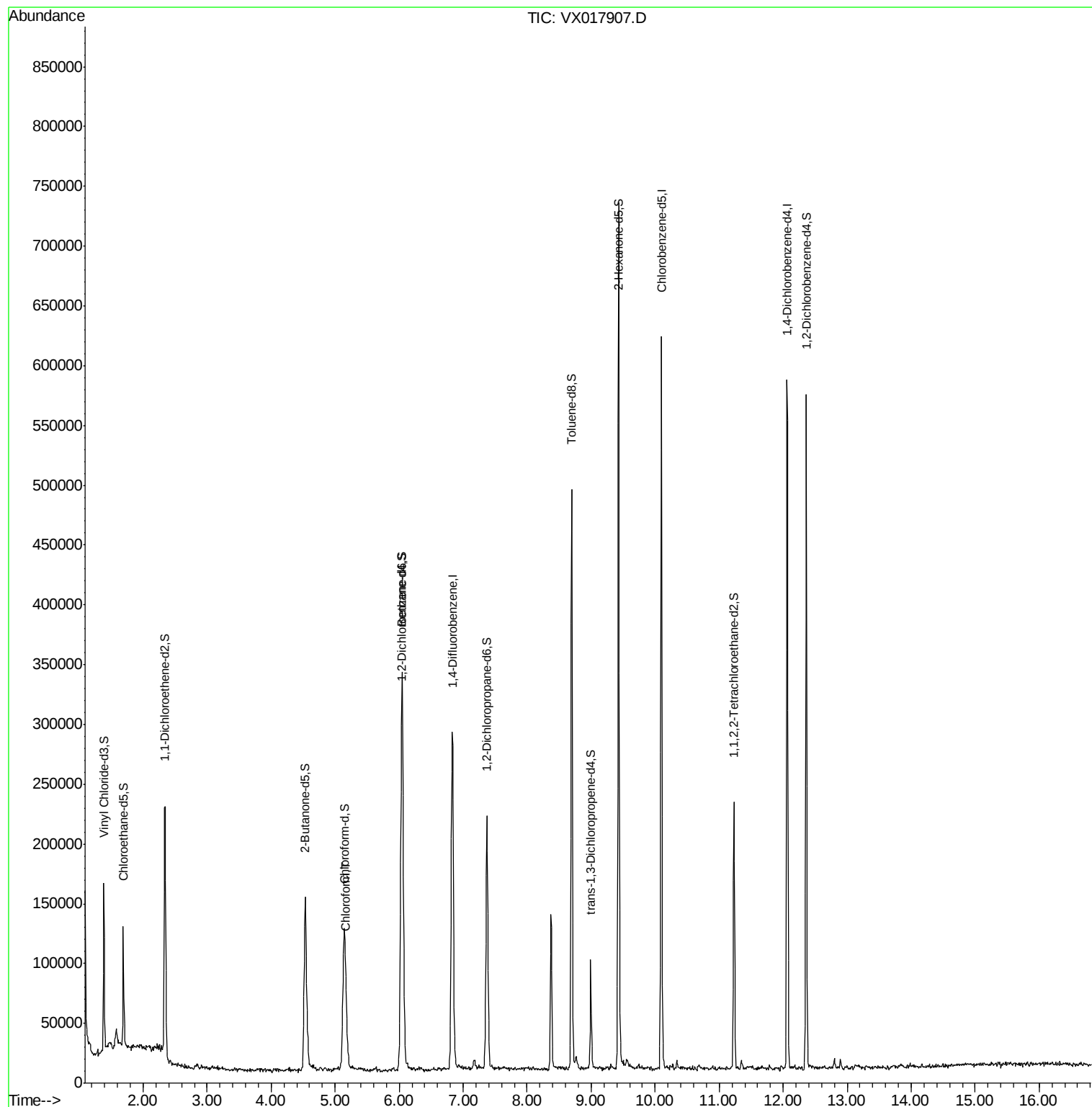
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 25) Chloroform   | 5.17 | 83 | 34088 | 0.718 ug/L | 95     |

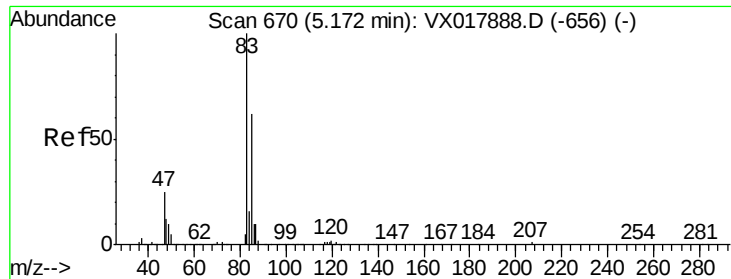
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25  
 Chloroform  
 Concen: 0.718 ug/L  
 RT: 5.17 min Scan# 670  
 Delta R.T. -0.00 min  
 Lab File: VX017907.D  
 Acq: 14 Aug 2020 18:51

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 MSVOA\_X  
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Tot Ion: 83 Resp: 34088  
 Ion Ratio Lower Upper  
 83 100  
 85 67.8 44.7 83.1

