

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\  
 Data File : VV018110.D  
 Acq On : 27 Aug 2020 12:21  
 Operator : SY/MD  
 Sample : L3813-01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3H3

Quant Time: Aug 28 06:39:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 28 06:20:16 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 267761   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 266712   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 130257   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 86576    | 42.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.76%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 77666    | 46.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 132771   | 33.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.96%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 116447   | 87.03    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 87.03%  |
| 24) Chloroform-d               | 4.38    | 84    | 168729   | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.74%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 116026   | 48.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.06%  |
| 32) Benzene-d6                 | 5.08    | 84    | 340689   | 46.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.70%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 112914   | 46.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.98%  |
| 41) Toluene-d8                 | 7.34    | 98    | 300502   | 45.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.92%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52328    | 48.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.02%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 61018    | 79.13    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.13%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 136176   | 43.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128412   | 50.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.18% |

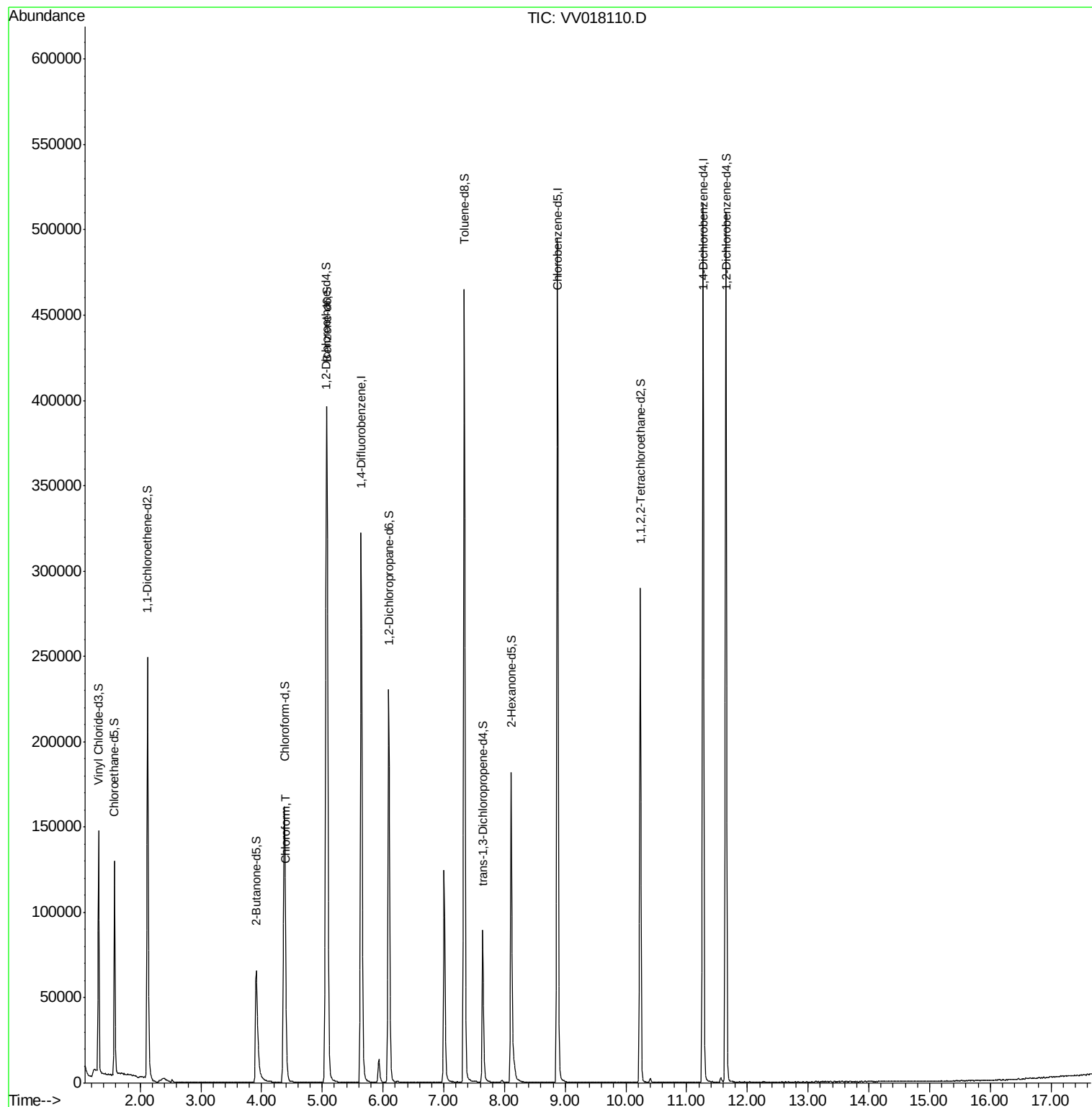
| Target Compounds |      |    |      | Ovalue        |
|------------------|------|----|------|---------------|
| 25) Chloroform   | 4.40 | 83 | 5771 | 1.524 ug/L 98 |

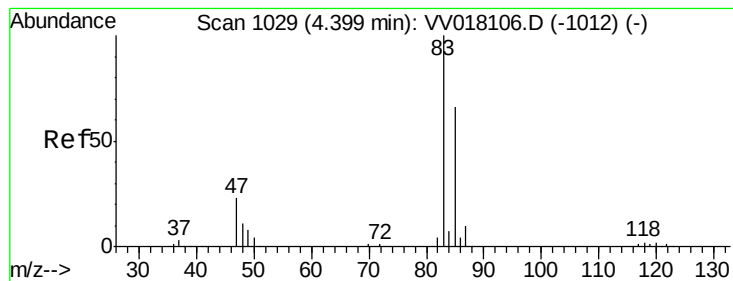
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Aug 28 06:20:16 2020  
Response via : Initial Calibration





#25  
 Chloroform  
 Concen: 1.524 ug/L  
 RT: 4.40 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VV018110.D  
 Acq: 27 Aug 2020 12:21

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3H3

Tot Ion: 83 Resp: 5771  
 Ion Ratio Lower Upper  
 83 100  
 85 63.8 45.5 84.5

