

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082620\  
 Data File : VV018101.D  
 Acq On : 26 Aug 2020 10:40  
 Operator : SY/MD  
 Sample : VV0826WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK94

Quant Time: Aug 27 02:11:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 27 02:00:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 262740   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 259901   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 124936   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 93893    | 46.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.68%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 84478    | 51.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.02% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 145679   | 37.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.98%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 122614   | 93.39    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.39%  |
| 24) Chloroform-d               | 4.38    | 84    | 175778   | 48.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.34%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 121511   | 51.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.54% |
| 32) Benzene-d6                 | 5.08    | 84    | 359618   | 50.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.42% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 117473   | 50.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.34% |
| 41) Toluene-d8                 | 7.34    | 98    | 317196   | 49.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.48%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 53638    | 50.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.00% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 59811    | 79.59    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.59%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 138774   | 45.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.02%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 132437   | 53.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.72% |

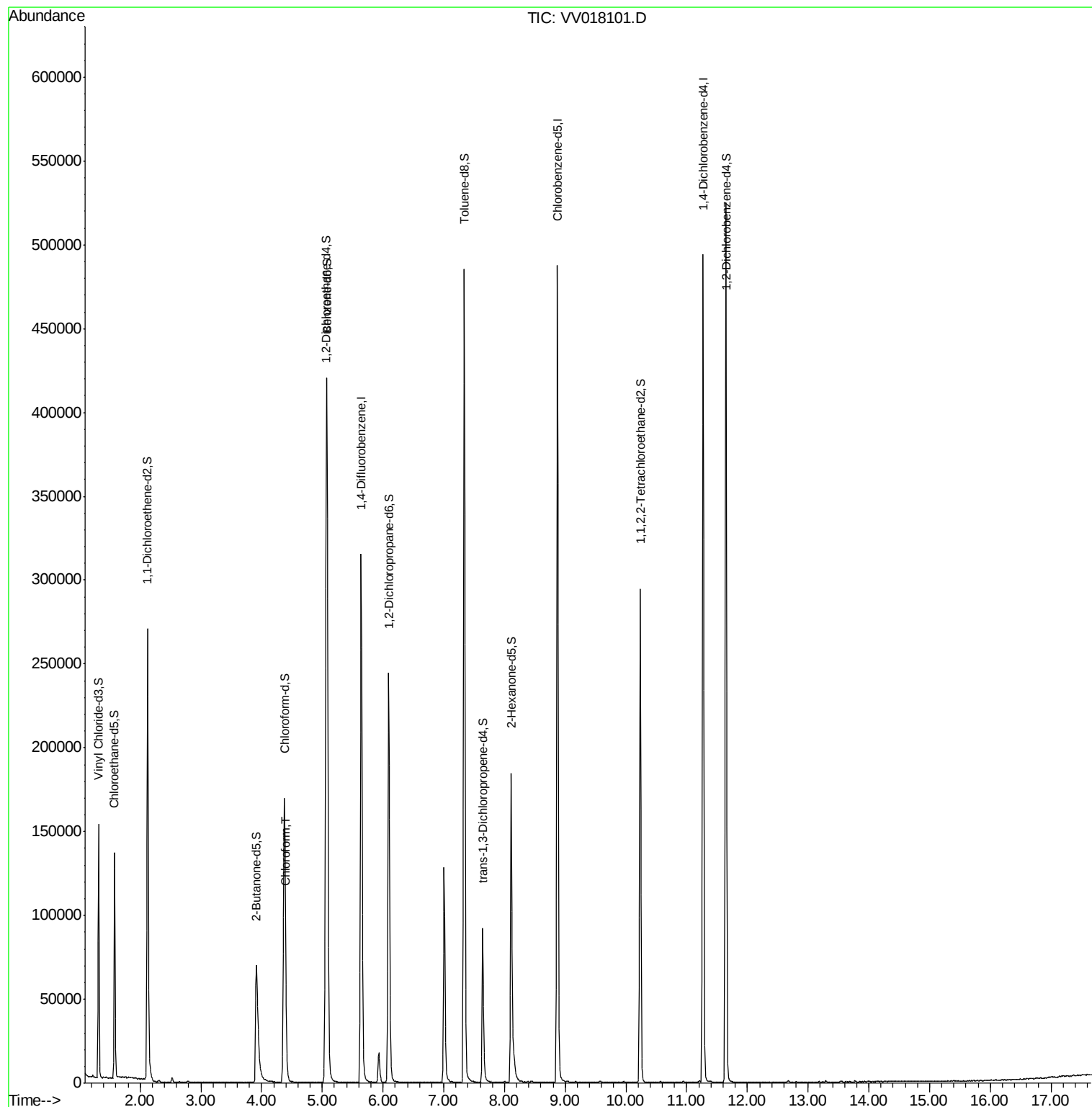
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.41 | 83 | 8176 | 2.200 ug/L | 97     |

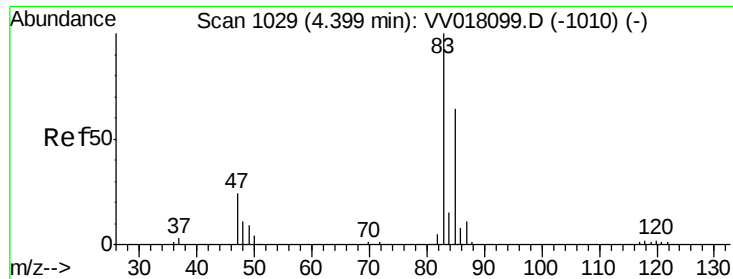
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK94

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Quant Title : VOC Analysis  
QLast Update : Thu Aug 27 02:00:22 2020  
Response via : Initial Calibration





#25  
 Chloroform  
 Concen: 2.200 ug/L  
 RT: 4.41 min Scan# 1031  
 Delta R.T. 0.01 min  
 Lab File: VV018101.D  
 Acq: 26 Aug 2020 10:40

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK94

Tot Ion: 83 Resp: 8176  
 Ion Ratio Lower Upper  
 83 100  
 85 67.7 45.5 84.5

