

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015194.D  
 Acq On : 27 Mar 2020 04:16  
 Operator : SY/MD  
 Sample : VV0326WBL02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK94

Quant Time: Mar 27 07:07:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 06:56:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 657067   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 622042   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 266806   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 156136   | 44.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.58% |
| 7) Chloroethane-d5             | 1.58    | 69    | 149214   | 41.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.98% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 254983   | 31.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.44% |
| 21) 2-Butanone-d5              | 3.94    | 46    | 237360   | 67.62    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 67.62% |
| 24) Chloroform-d               | 4.38    | 84    | 290461   | 37.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 75.18% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 195148   | 38.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 76.52% |
| 32) Benzene-d6                 | 5.08    | 84    | 563767   | 44.06    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.12% |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 187398   | 40.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 81.20% |
| 41) Toluene-d8                 | 7.34    | 98    | 518949   | 44.76    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.52% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 91701    | 36.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.96% |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 182712   | 67.70    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 67.70% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 280437   | 35.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 71.56% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 199327   | 40.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.02% |

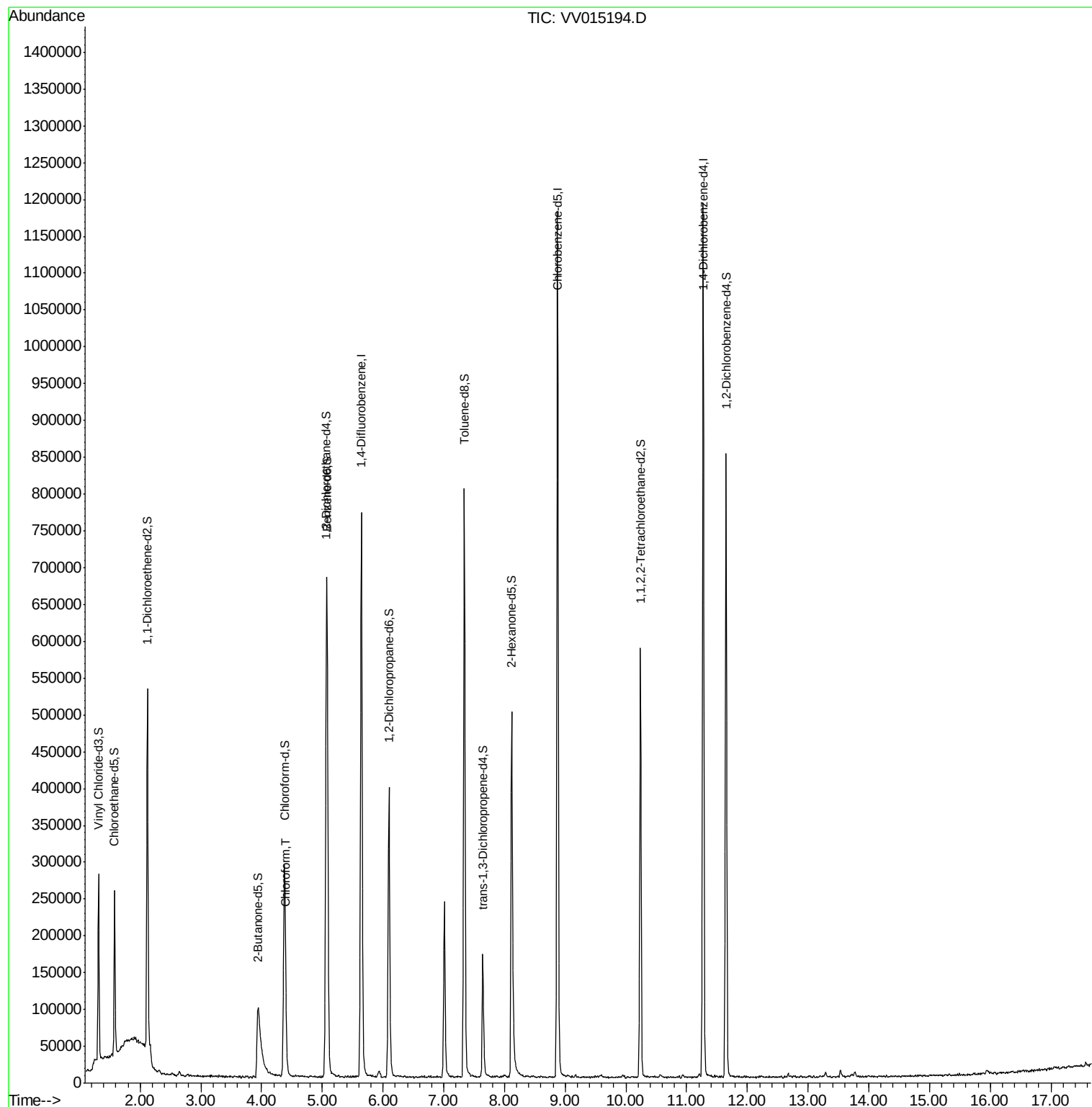
| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 25) Chloroform   | 4.41 | 83 | 12749 | 1.455 ug/L 93 |

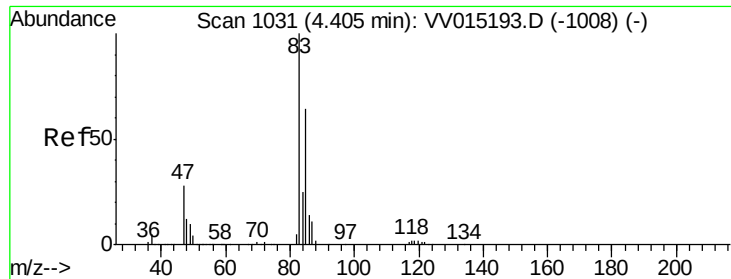
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25  
 Chloroform  
 Concen: 1.455 ug/L  
 RT: 4.41 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: VV015194.D  
 Acq: 27 Mar 2020 04:16

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK94

Tot Ion: 83 Resp: 12749  
 Ion Ratio Lower Upper  
 83 100  
 85 71.4 46.2 85.8

