

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\  
 Data File : VU029955.D  
 Acq On : 10 Mar 2019 17:35  
 Operator : JC/SP  
 Sample : K1818-19DL 5X  
 Misc : 5.65g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF0R9DL

Quant Time: Mar 11 08:27:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 11 07:10:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 560733   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 573824   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 280813   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 142062   | 41.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 83.04% |
| 7) Chloroethane-d5             | 1.64    | 69    | 111433   | 38.74    | ug/L | -0.03  |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 77.48% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 200849   | 31.15    | ug/L | -0.01  |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.30% |
| 21) 2-Butanone-d5              | 4.17    | 46    | 245147   | 92.49    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.49% |
| 24) Chloroform-d               | 4.64    | 84    | 272011   | 40.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.70% |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 167231   | 42.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.74% |
| 32) Benzene-d6                 | 5.33    | 84    | 593039   | 41.47    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.94% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 181542   | 42.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.06% |
| 41) Toluene-d8                 | 7.56    | 98    | 566789   | 41.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.62% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 83705    | 40.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.10% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 207068   | 89.10    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.10% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 311204   | 45.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.26% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 241636   | 43.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.74% |

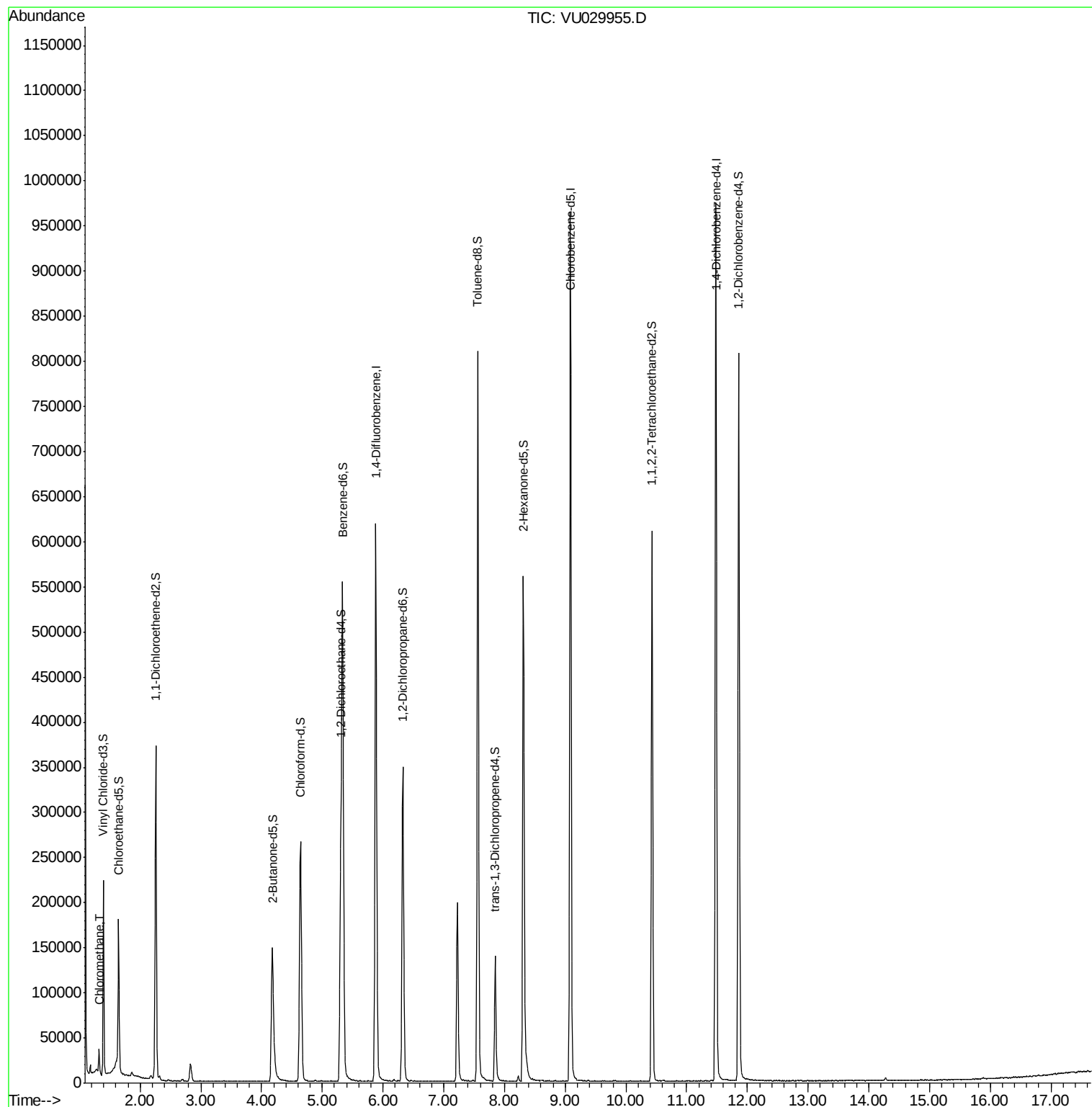
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.32 | 50 | 19046 | 3.365 ug/L | 99     |

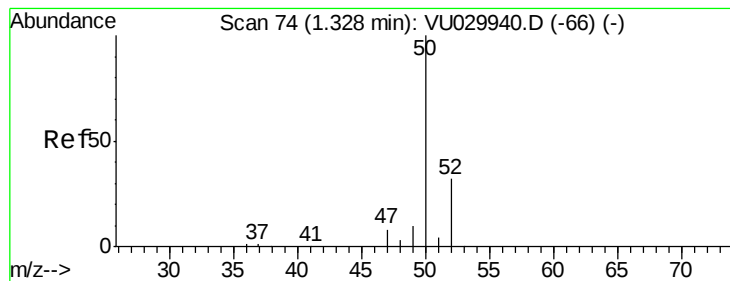
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.365 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029955.D

Acq: 10 Mar 2019 17:35

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF0R9DL

Tot Ion: 50 Resp: 19046

Ion Ratio Lower Upper

50 100

52 33.5 23.1 42.9

