

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080818\  
 Data File : VU025975.D  
 Acq On : 08 Aug 2018 16:12  
 Operator : MD/SY  
 Sample : J4363-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Aug 09 01:20:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080718WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 09 01:19:52 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 294224   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 270199   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 114110   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 75661    | 46.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.80%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 61540    | 50.33    | ug/L | 0.04    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.66% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 111225   | 35.22    | ug/L | 0.02    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.44%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 128024   | 114.12   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.12% |
| 24) Chloroform-d               | 4.65    | 84    | 163349   | 51.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.50% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 109984   | 52.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.58% |
| 32) Benzene-d6                 | 5.35    | 84    | 317610   | 53.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.66% |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 103934   | 56.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 112.26% |
| 41) Toluene-d8                 | 7.57    | 98    | 284911   | 49.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.60%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 46846    | 48.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.50%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 82366    | 106.89   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.89% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 137231   | 53.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 107.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 106461   | 56.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 112.94% |

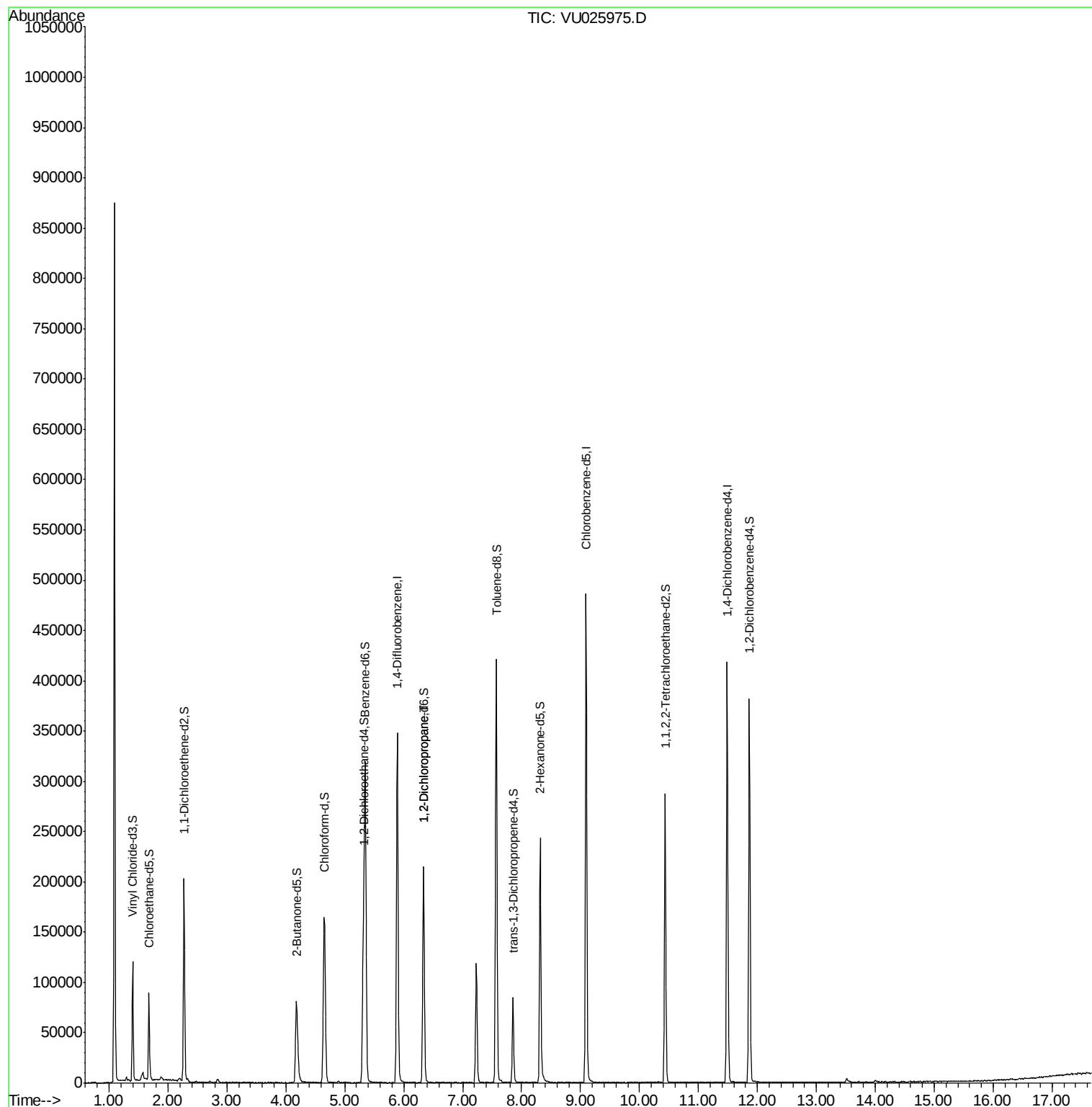
| Target Compounds        |      |    |       |            | Ovalue |
|-------------------------|------|----|-------|------------|--------|
| 37) 1,2-Dichloropropane | 6.33 | 63 | 11845 | 6.277 ug/L | # 89   |

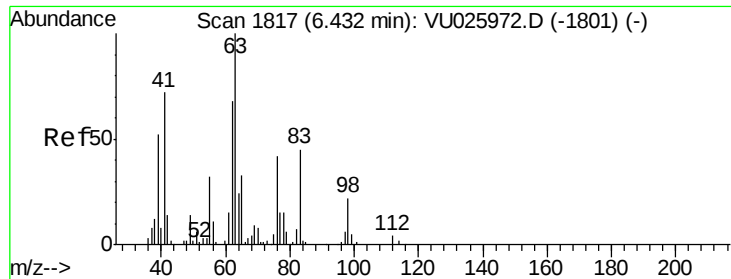
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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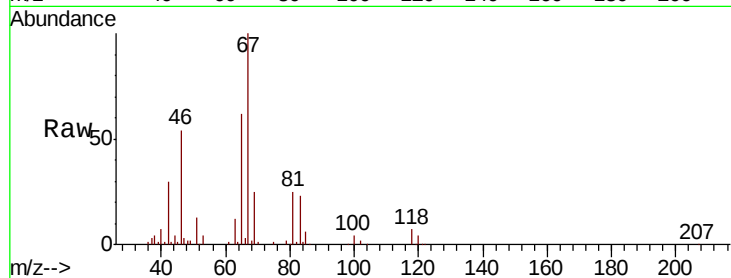




#37  
 1,2-Dichloropropane  
 Concen: 6.277 ug/L  
 RT: 6.33 min Scan# 1786  
 Delta R.T. -0.10 min  
 Lab File: VU025975.D  
 Acq: 08 Aug 2018 16:12

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion: 63 Resp: 11845  
 Ion Ratio Lower Upper  
 63 100  
 112 0.4 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0  
 Ion 112.00 (111.70 to 112.70): V

