

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\  
 Data File : VU030658.D  
 Acq On : 04 Apr 2019 03:51  
 Operator : JC/SP  
 Sample : K2215-16  
 Misc : 4.89g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF2P5

Quant Time: Apr 04 08:30:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 04 07:55:17 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 547191   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 540570   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 259653   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 159738   | 36.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.54%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 108965   | 31.22    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 62.44%# |
| 11) 1,1-Dichloroethene-d2      | 2.24    | 63    | 250655   | 30.01    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.02%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 318656   | 76.98    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 76.98%  |
| 24) Chloroform-d               | 4.64    | 84    | 292403   | 38.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.08%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 197967   | 39.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.74%  |
| 32) Benzene-d6                 | 5.33    | 84    | 632569   | 40.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 215758   | 40.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 81.36%  |
| 41) Toluene-d8                 | 7.56    | 98    | 555644   | 39.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 79.82%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 92024    | 36.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.80%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 242902   | 84.51    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.51%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 314946   | 41.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 83.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 219257   | 42.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.28%  |

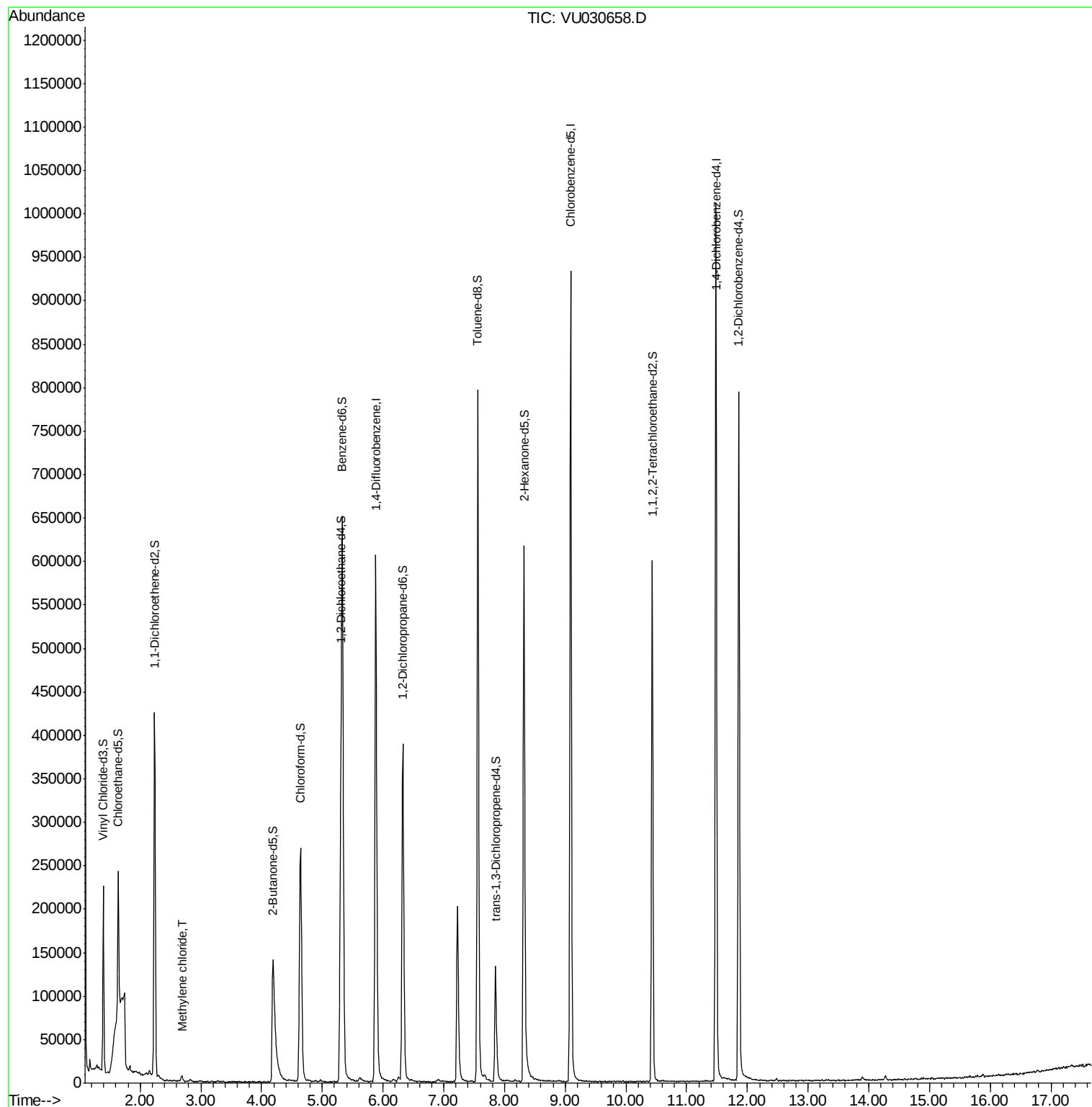
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.69 | 84 | 2796 | 0.606 ug/L | 95     |

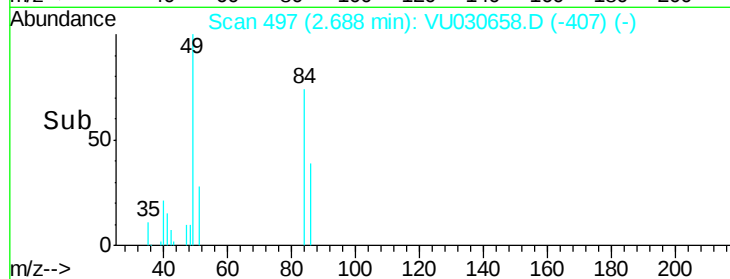
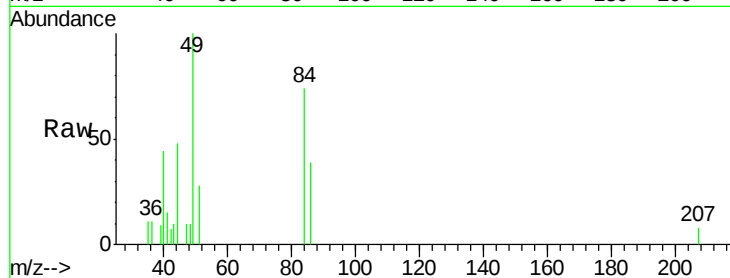
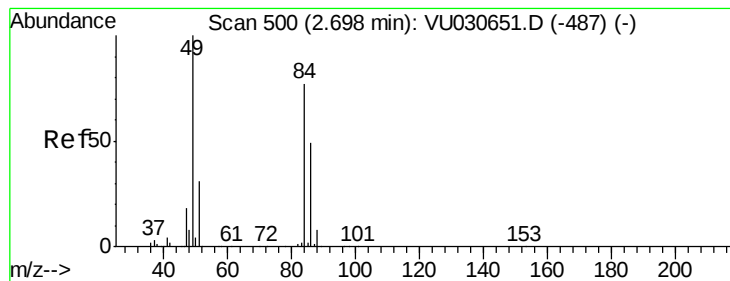
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.606 ug/L

RT: 2.69 min Scan# 497

Delta R.T. -0.01 min

Lab File: VU030658.D

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Instrument :

MSVOA\_U

ClientSampleId :

BF2P5

Tot Ion: 84 Resp: 2796

Ion Ratio Lower Upper

84 100

86 51.9 44.3 82.3

49 134.7 94.9 176.3

