

Data File : VV016950.D  
Acq On : 16 Jun 2020 10:38  
Operator : SY/MD  
Sample : L2914-21  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK01

Quant Time: Jun 17 01:07:52 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 17 00:55:26 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 328857   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 317236   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 156520   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.32           | 65  | 92024      | 39.66   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 79.32%  |      |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 70774      | 50.83   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 101.66% |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63  | 140397     | 36.03   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 72.06%  |      |      |
| 21) 2-Butanone-d5              | 3.90           | 46  | 168190     | 97.93   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 97.93%  |      |      |
| 24) Chloroform-d               | 4.38           | 84  | 224357     | 47.55   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 95.10%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.05           | 65  | 164189     | 51.16   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 102.32% |      |      |
| 32) Benzene-d6                 | 5.07           | 84  | 438387     | 47.94   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 95.88%  |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.09           | 67  | 138046     | 48.43   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 96.86%  |      |      |
| 41) Toluene-d8                 | 7.34           | 98  | 407086     | 48.51   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 97.02%  |      |      |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79  | 67865      | 45.71   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 91.42%  |      |      |
| 47) 2-Hexanone-d5              | 8.11           | 63  | 95002      | 76.44   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 76.44%  |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84  | 165214     | 43.78   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 87.56%  |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152 | 171873     | 51.45   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 102.90% |      |      |

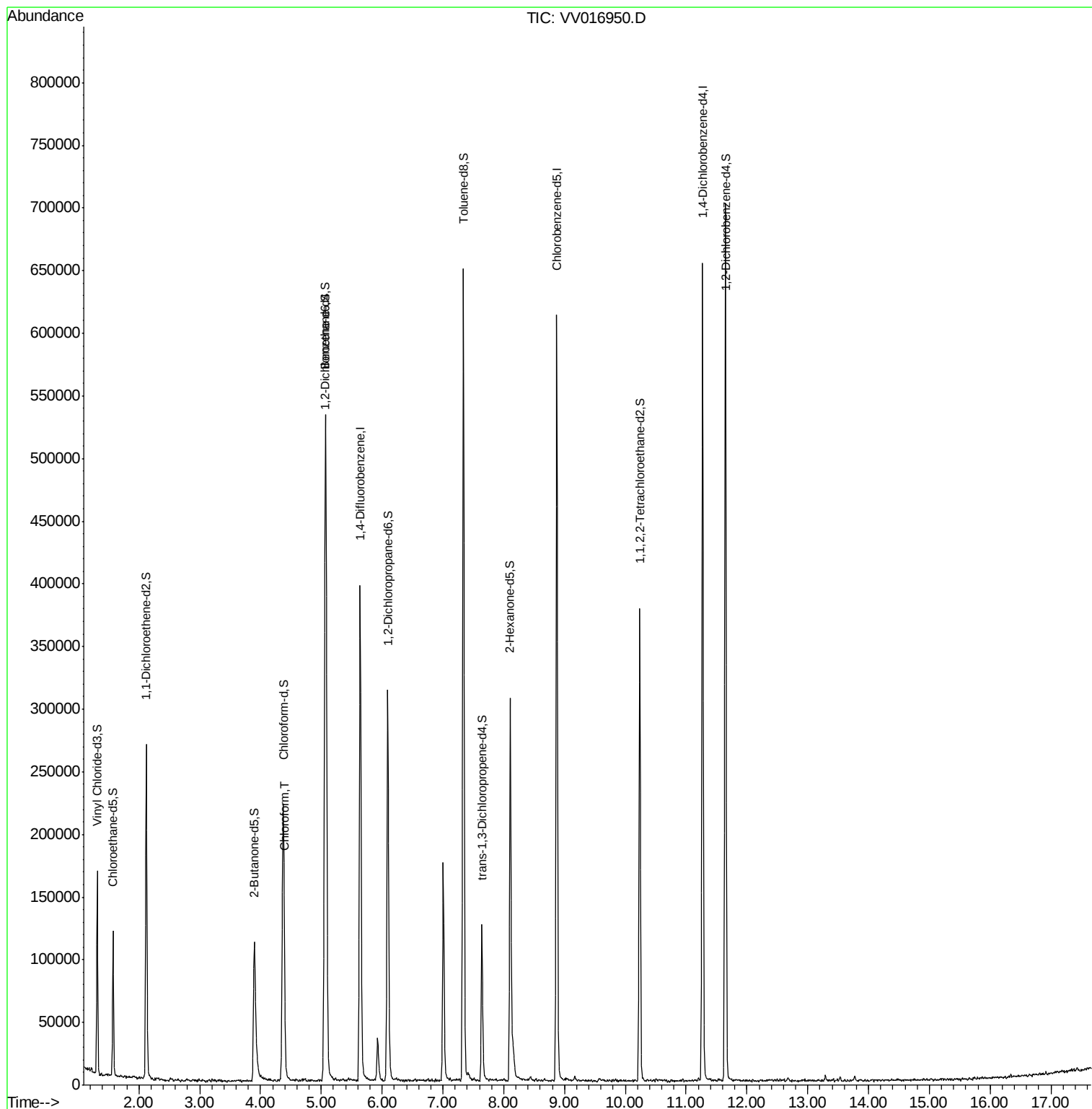
| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.40 | 83 | 4318 | 1.003 ug/L | 87     |

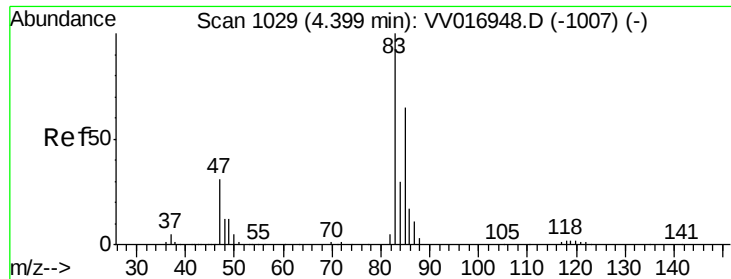
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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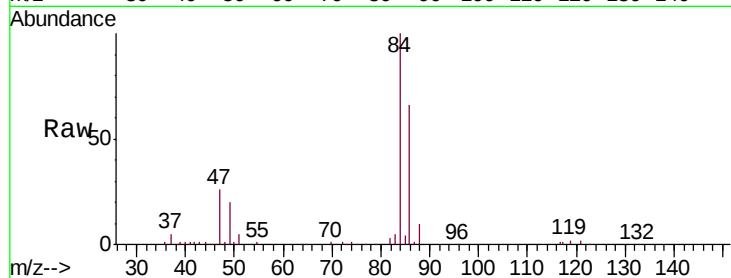




#25  
 Chloroform  
 Concen: 1.003 ug/L  
 RT: 4.40 min Scan# 1029  
 Delta R.T. -0.00 min  
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Tgt Ion: 83 Resp: 4318  
 Ion Ratio Lower Upper  
 83 100  
 85 73.2 44.1 81.9



Abundance Ion 83.00 (82.70 to 83.70): VV0  
 Ion 85.00 (84.70 to 85.70): VV0

