

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\  
 Data File : VV018042.D  
 Acq On : 18 Aug 2020 10:22  
 Operator : SY/MD  
 Sample : VV0818MBL01  
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK83

Quant Time: Aug 19 07:59:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 19 07:54:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 286315   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 277206   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 136752   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 96240    | 44.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.10% |
| 7) Chloroethane-d5             | 1.58    | 69    | 82677    | 46.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.52% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 144980   | 34.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.40% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 123773   | 86.51    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.51% |
| 24) Chloroform-d               | 4.37    | 84    | 175169   | 44.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.10% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 118517   | 45.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.78% |
| 32) Benzene-d6                 | 5.07    | 84    | 352228   | 46.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.22% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 114171   | 45.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.42% |
| 41) Toluene-d8                 | 7.33    | 98    | 312852   | 45.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.08% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52827    | 46.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.26% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 60564    | 75.56    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 75.56% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 134179   | 41.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 82.52% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 129820   | 48.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.48% |

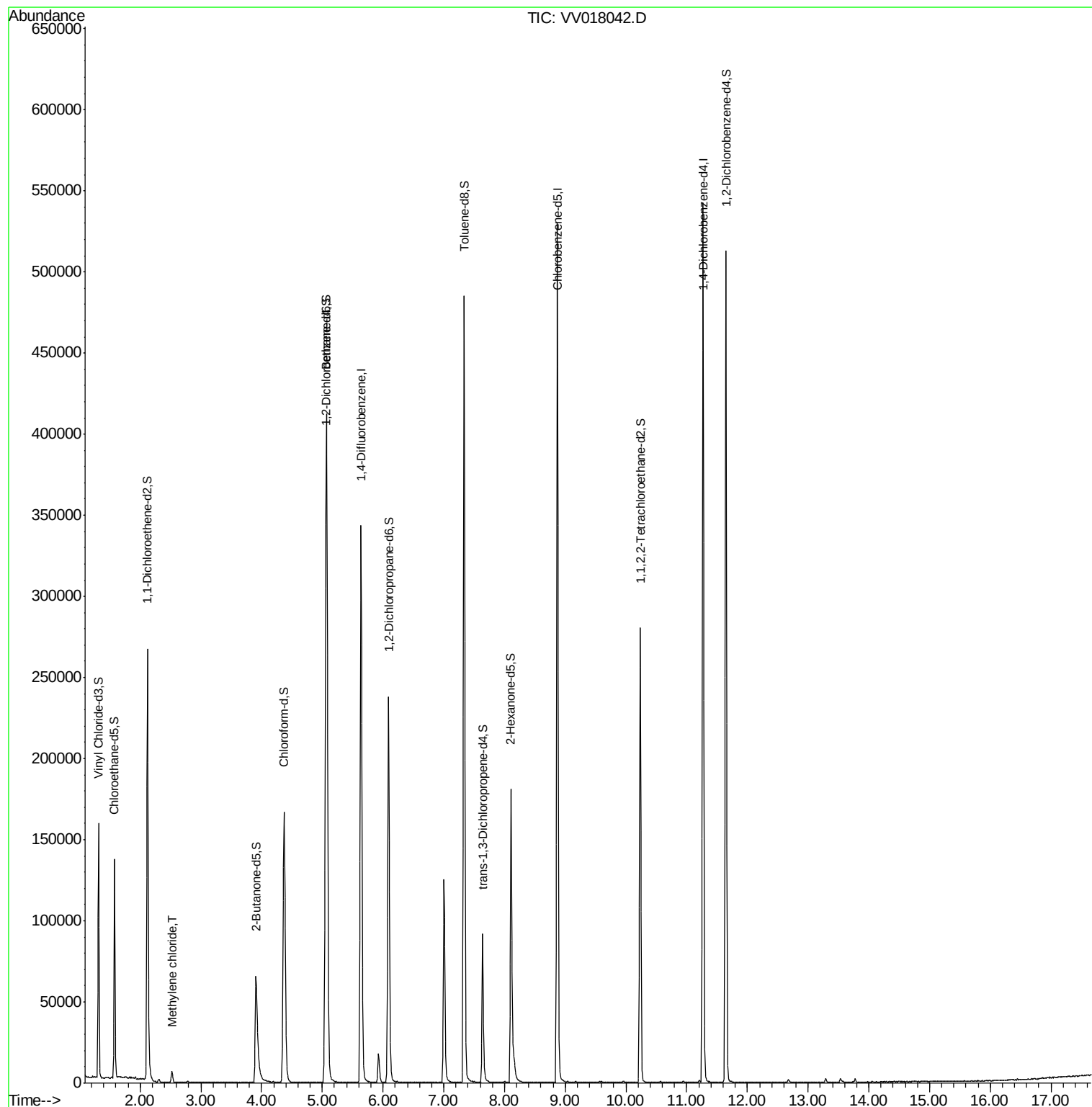
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 2728 | 1.115 ug/L | 98     |

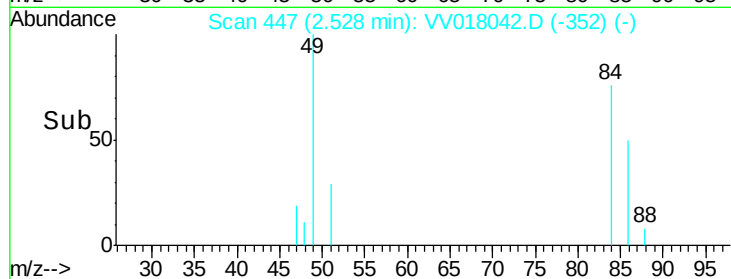
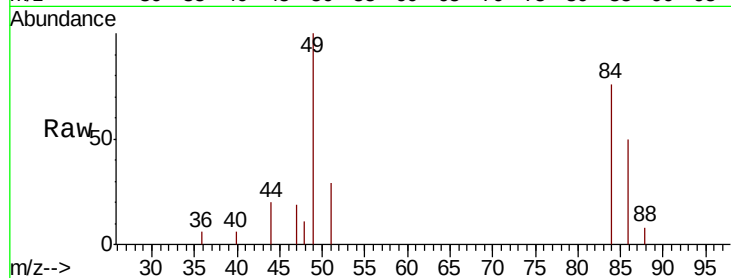
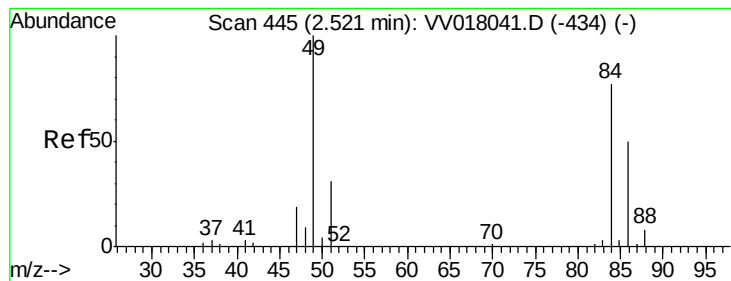
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 07:54:18 2020  
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#16

Methylene chloride

Concen: 1.115 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV018042.D

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Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tot Ion: 84 Resp: 2728

Ion Ratio Lower Upper

84 100

86 65.2 46.3 85.9

49 131.1 89.7 166.5

