

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022023\  
 Data File : VV030071.D  
 Acq On : 20 Feb 2023 10:49  
 Operator : SY/MD  
 Sample : VV0220MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK316

Quant Time: Feb 20 23:00:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM021723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Feb 20 22:59:49 2023  
 Response via : Initial Calibration

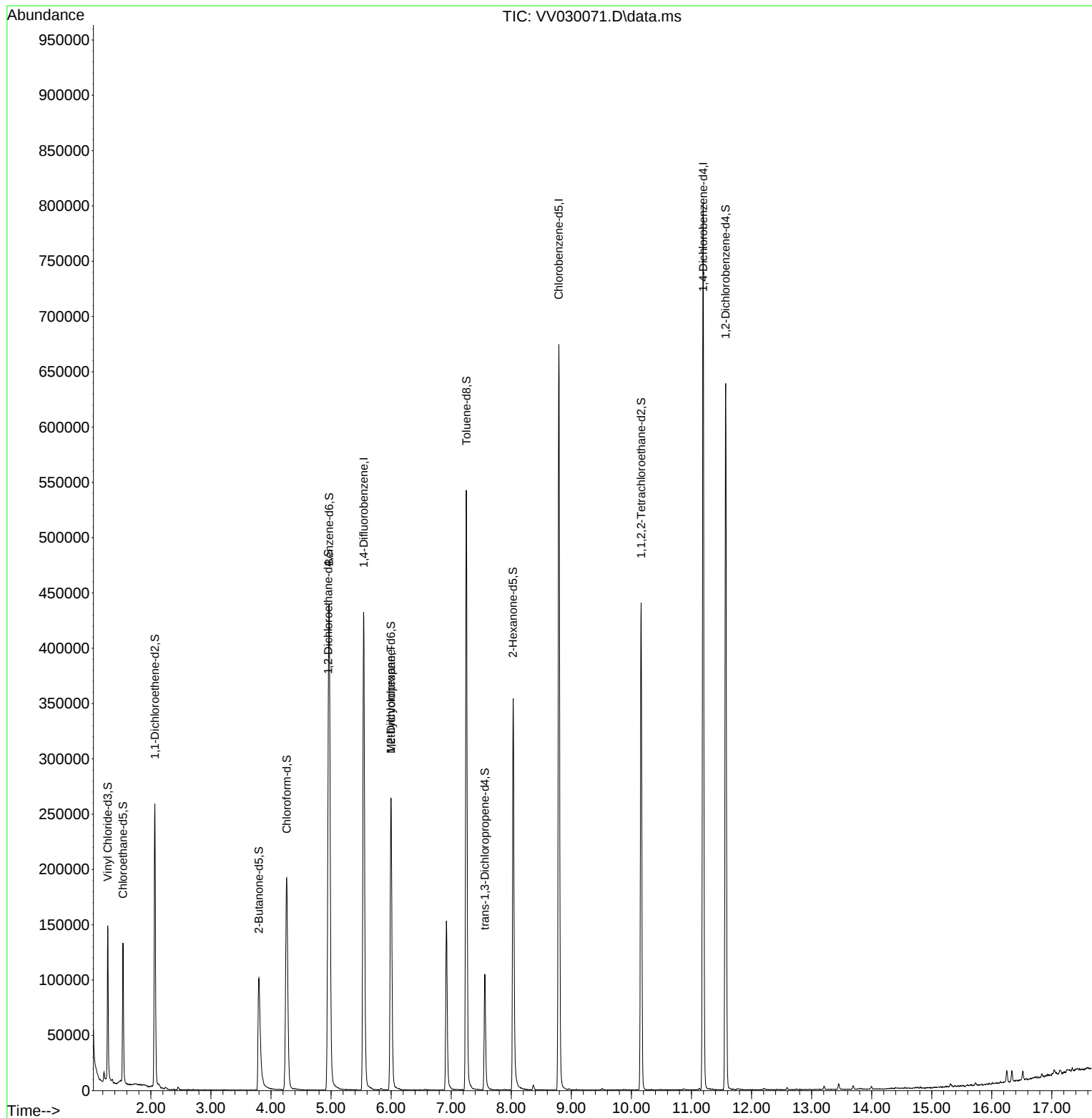
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.542          | 114  | 393882     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.793          | 117  | 380520     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194         | 152  | 216236     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.282          | 65   | 92535      | 33.044   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 66.080%  |       |          |
| 7) Chloroethane-d5            | 1.536          | 69   | 83371      | 38.907   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 77.820%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.066          | 63   | 139249     | 25.993   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 51.980%# |       |          |
| 21) 2-Butanone-d5             | 3.799          | 46   | 165334     | 94.604   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 94.600%  |       |          |
| 24) Chloroform-d              | 4.262          | 84   | 214547     | 41.217   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.440%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.953          | 65   | 134096     | 43.583   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.160%  |       |          |
| 32) Benzene-d6                | 4.970          | 84   | 412037     | 40.771   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.540%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.998          | 67   | 138258     | 43.024   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 86.040%  |       |          |
| 41) Toluene-d8                | 7.252          | 98   | 375711     | 39.393   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.780%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.561          | 79   | 66254      | 41.487   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.980%  |       |          |
| 47) 2-Hexanone-d5             | 8.031          | 63   | 137129     | 91.533   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.530%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162         | 84   | 218315     | 45.291   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.580%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.571         | 152  | 171808     | 44.612   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.220%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 35) Methylcyclohexane         | 5.998          | 83   | 32396      | 6.679    | ug/L  | # 20     |
| -----                         |                |      |            |          |       |          |

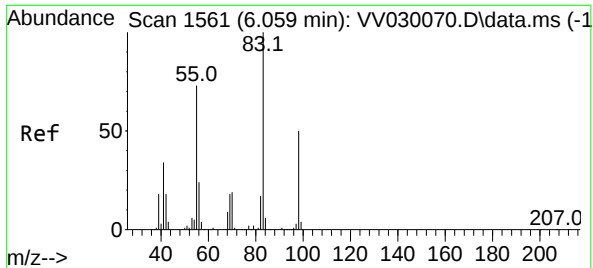
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35  
Methylcyclohexane  
Concen: 6.679 ug/L  
RT: 5.998 min Scan# 11  
Delta R.T. -0.061 min  
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Tgt Ion: 83 Resp: 32396  
Ion Ratio Lower Upper  
83 100  
55 0.1 58.4 87.6#  
98 1.1 39.8 59.8#

