

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040423\  
 Data File : VU053562.D  
 Acq On : 04 Apr 2023 15:34  
 Operator : JC/MD  
 Sample : 02130-11ME  
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C11A0ME

Quant Time: Apr 04 23:12:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 01 04:51:17 2023  
 Response via : Initial Calibration

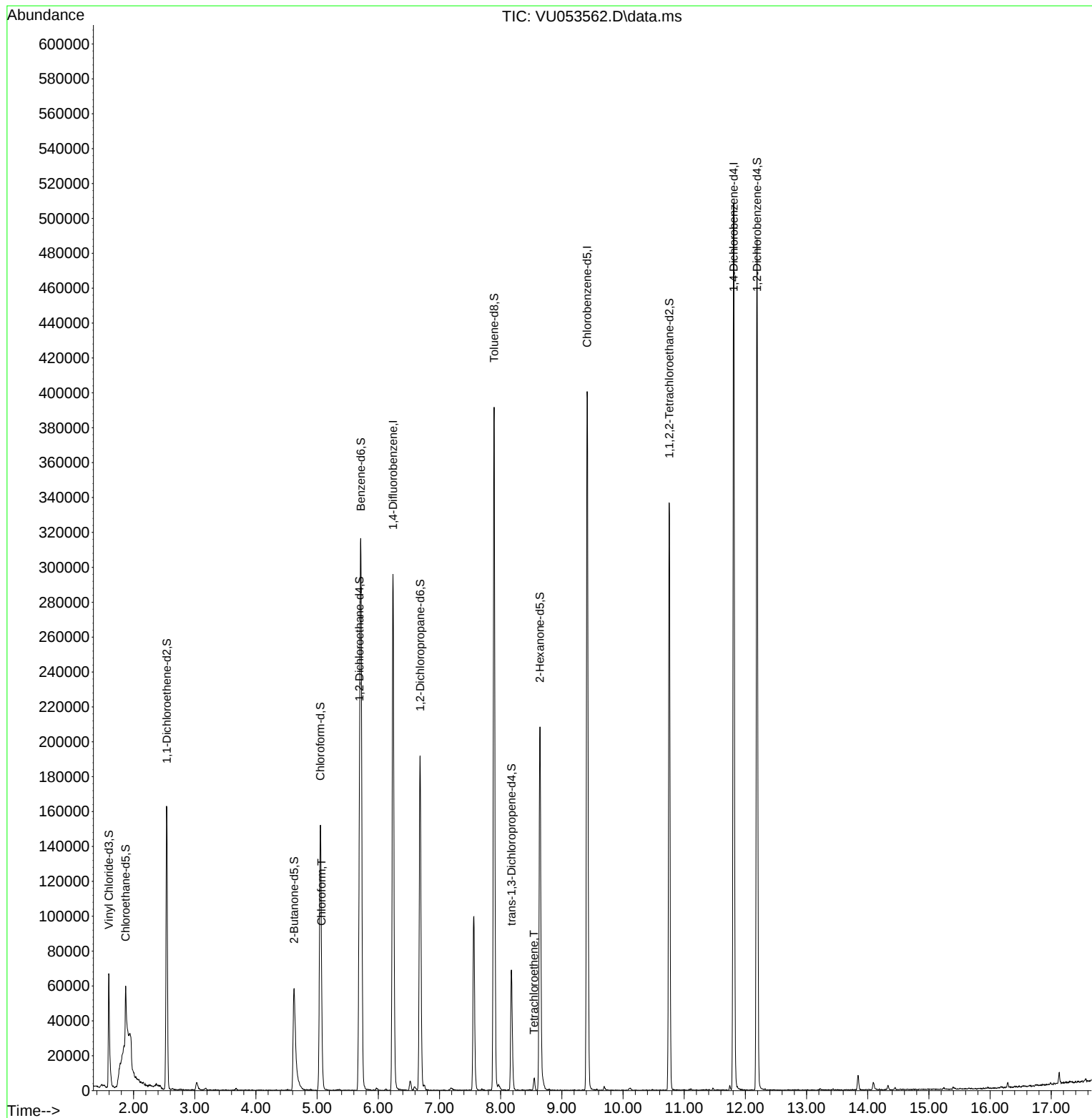
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.240   | 114   | 258031   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 248992   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 134344   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 62700    | 31.207   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 62.420%  |
| 7) Chloroethane-d5            | 1.871   | 69    | 27679    | 17.867   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 35.740%# |
| 11) 1,1-Dichloroethene-d2     | 2.543   | 63    | 91668    | 29.474   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 58.940%# |
| 21) 2-Butanone-d5             | 4.623   | 46    | 103300   | 113.557  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 113.560% |
| 24) Chloroform-d              | 5.054   | 84    | 141134   | 42.474   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.940%  |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65    | 94583    | 48.171   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.340%  |
| 32) Benzene-d6                | 5.716   | 84    | 294771   | 43.858   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.720%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 95215    | 46.349   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 92.700%  |
| 41) Toluene-d8                | 7.893   | 98    | 274631   | 41.112   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.220%  |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 44962    | 42.401   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.800%  |
| 47) 2-Hexanone-d5             | 8.642   | 63    | 84285    | 120.217  | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 120.220% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84    | 160588   | 55.463   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 110.920% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 130933   | 46.691   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.380%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 25) Chloroform                | 5.073   | 83    | 6919     | 2.289    | ug/L   | 94       |
| 46) Tetrachloroethene         | 8.546   | 164   | 1583     | 0.972    | ug/L   | 87       |
| -----                         |         |       |          |          |        |          |

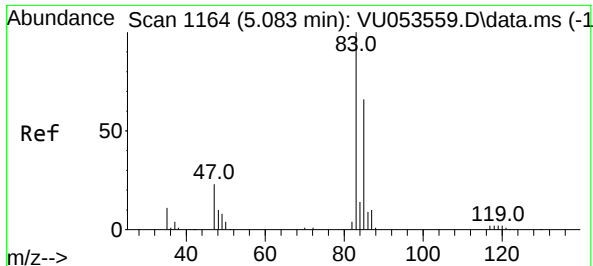
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Apr 01 04:51:17 2023  
Response via : Initial Calibration





#25

Chloroform

Concen: 2.289 ug/L

RT: 5.073 min Scan# 1164

Delta R.T. -0.010 min

Lab File: VU053562.D

Acq: 04 Apr 2023 15:34

Instrument :

MSVOA\_U

ClientSampleId :

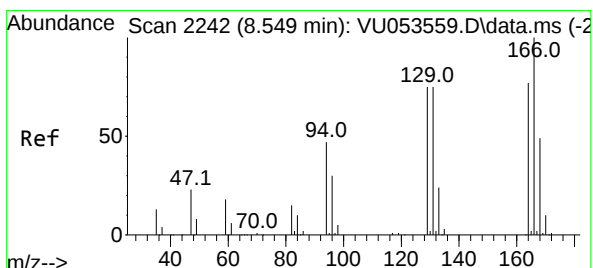
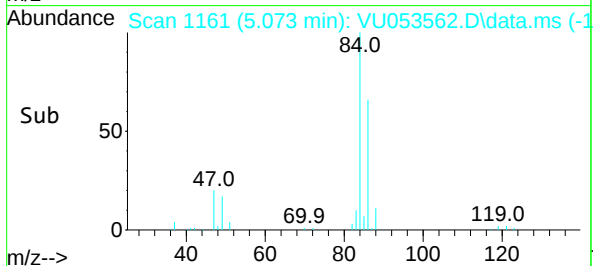
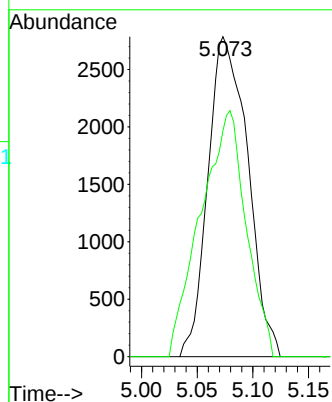
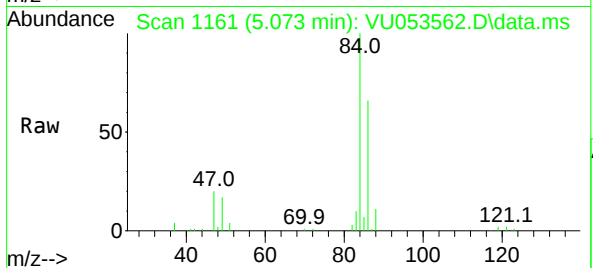
C11A0ME

Tgt Ion: 83 Resp: 6919

Ion Ratio Lower Upper

83 100

85 70.6 46.1 85.5



#46

Tetrachloroethene

Concen: 0.972 ug/L

RT: 8.546 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VU053562.D

Acq: 04 Apr 2023 15:34

Tgt Ion: 164 Resp: 1583

Ion Ratio Lower Upper

164 100

129 101.4 64.0 119.0

131 79.1 61.9 115.1

166 108.7 90.6 168.2

