

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050423\  
 Data File : VU0504057.D  
 Acq On : 04 May 2023 12:25  
 Operator : JC/MD  
 Sample : VU0504MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK087

Quant Time: May 05 04:35:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 05 04:34:01 2023  
 Response via : Initial Calibration

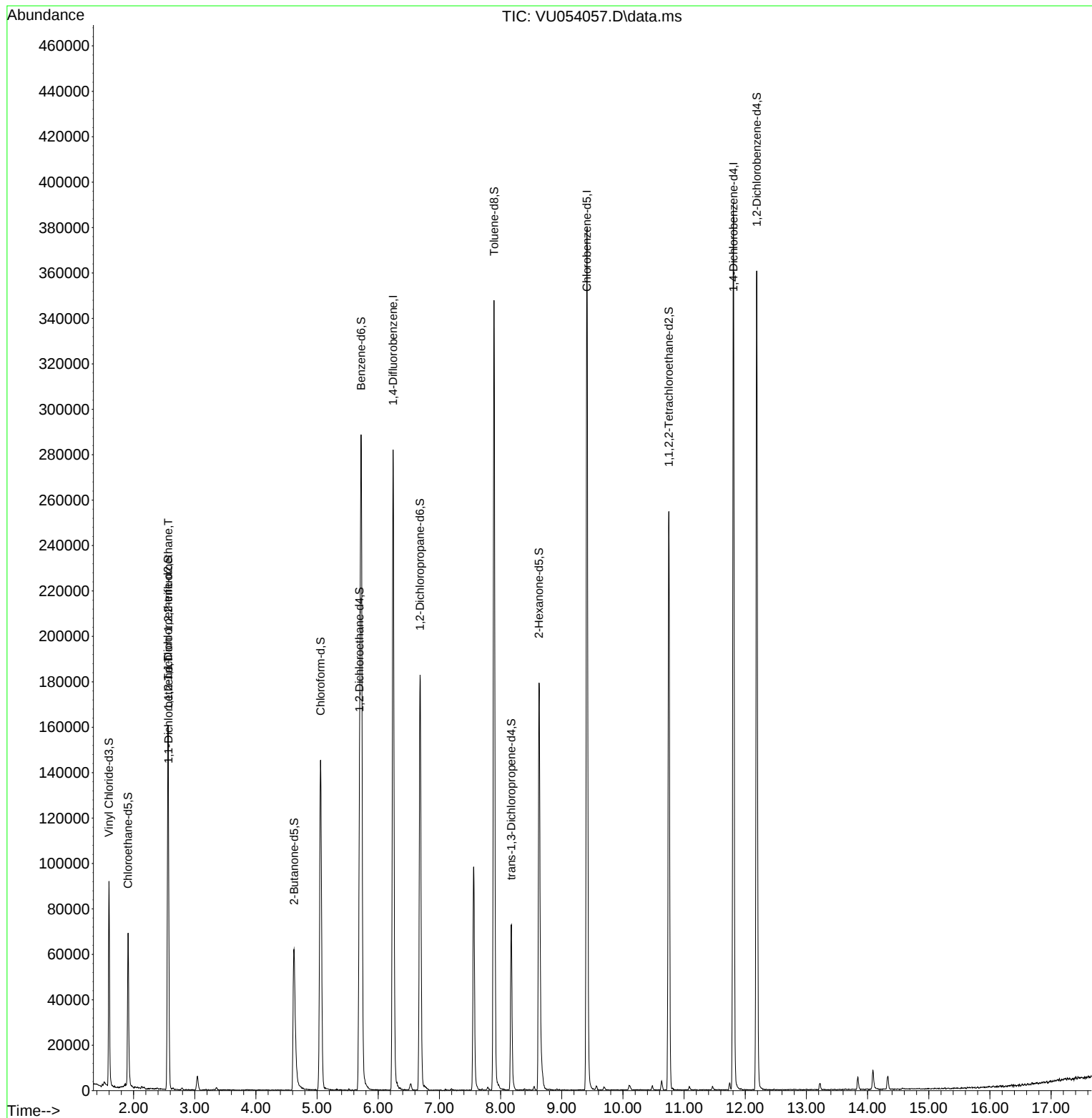
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 232546   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.410   | 117   | 220440   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806  | 152   | 107162   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 67530    | 38.396   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 76.800%  |
| 7) Chloroethane-d5            | 1.909   | 69    | 49006    | 42.448   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.900%  |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 96644    | 30.981   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 61.960%  |
| 21) 2-Butanone-d5             | 4.623   | 46    | 100417   | 100.108  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 100.110% |
| 24) Chloroform-d              | 5.057   | 84    | 140606   | 43.529   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.060%  |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65    | 94542    | 45.585   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.160%  |
| 32) Benzene-d6                | 5.719   | 84    | 269289   | 41.501   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 87770    | 42.848   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 85.700%  |
| 41) Toluene-d8                | 7.893   | 98    | 236860   | 40.433   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 80.860%  |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 43062    | 42.479   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.960%  |
| 47) 2-Hexanone-d5             | 8.629   | 63    | 61443    | 83.746   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 83.750%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 125111   | 46.369   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.740%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188  | 152   | 98254    | 46.934   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.860%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568   | 101   | 1137     | 0.730    | ug/L # | 29       |
| 12) 1,1-Dichloroethene        | 2.571   | 96    | 960      | 0.712    | ug/L # | 1        |
| -----                         |         |       |          |          |        |          |

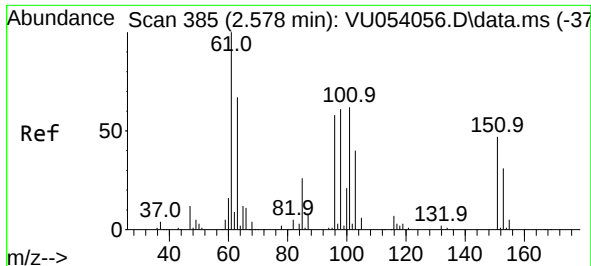
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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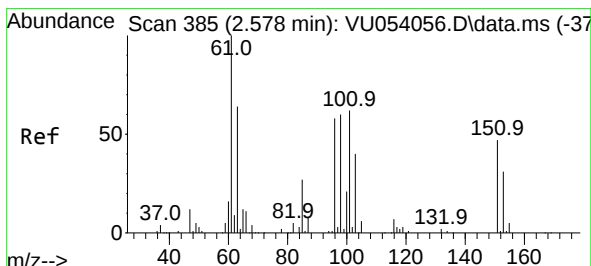
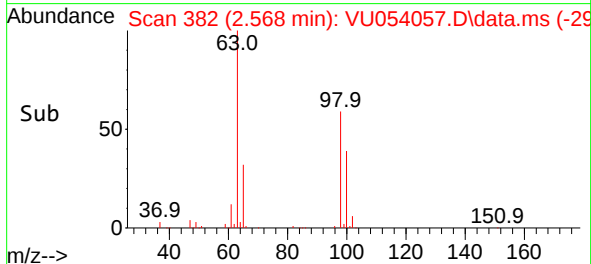
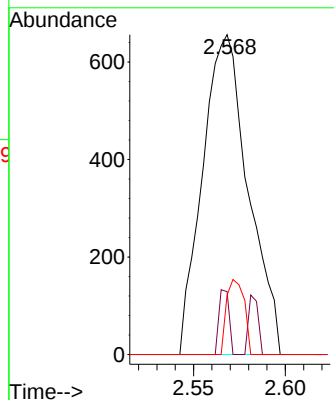
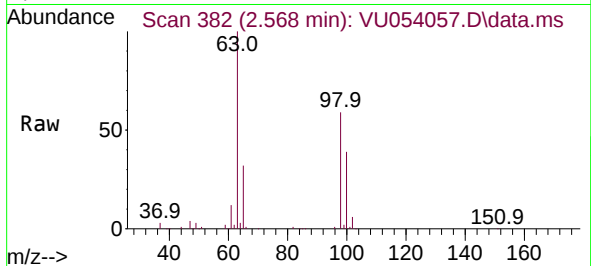




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.730 ug/L  
 RT: 2.568 min Scan# 311  
 Delta R.T. -0.010 min  
 Lab File: VU054057.D  
 Acq: 04 May 2023 12:25

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Tgt Ion:101 Resp: 1137  
 Ion Ratio Lower Upper  
 101 100  
 85 4.5 34.3 51.5#  
 151 9.0 60.3 90.5#



#12  
 1,1-Dichloroethene  
 Concen: 0.712 ug/L  
 RT: 2.571 min Scan# 383  
 Delta R.T. -0.006 min  
 Lab File: VU054057.D  
 Acq: 04 May 2023 12:25

Tgt Ion: 96 Resp: 960  
 Ion Ratio Lower Upper  
 96 100  
 61 947.3 118.3 219.7#  
 63 7698.6 92.3 171.5#

