

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121621\  
 Data File : VU046444.D  
 Acq On : 17 Dec 2021 00:47  
 Operator : SY/MD  
 Sample : M5101-13ME 20X  
 Misc : 6.93g/5.0mL/100ul/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGL37ME

Quant Time: Dec 17 04:06:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 17 03:50:47 2021  
 Response via : Initial Calibration

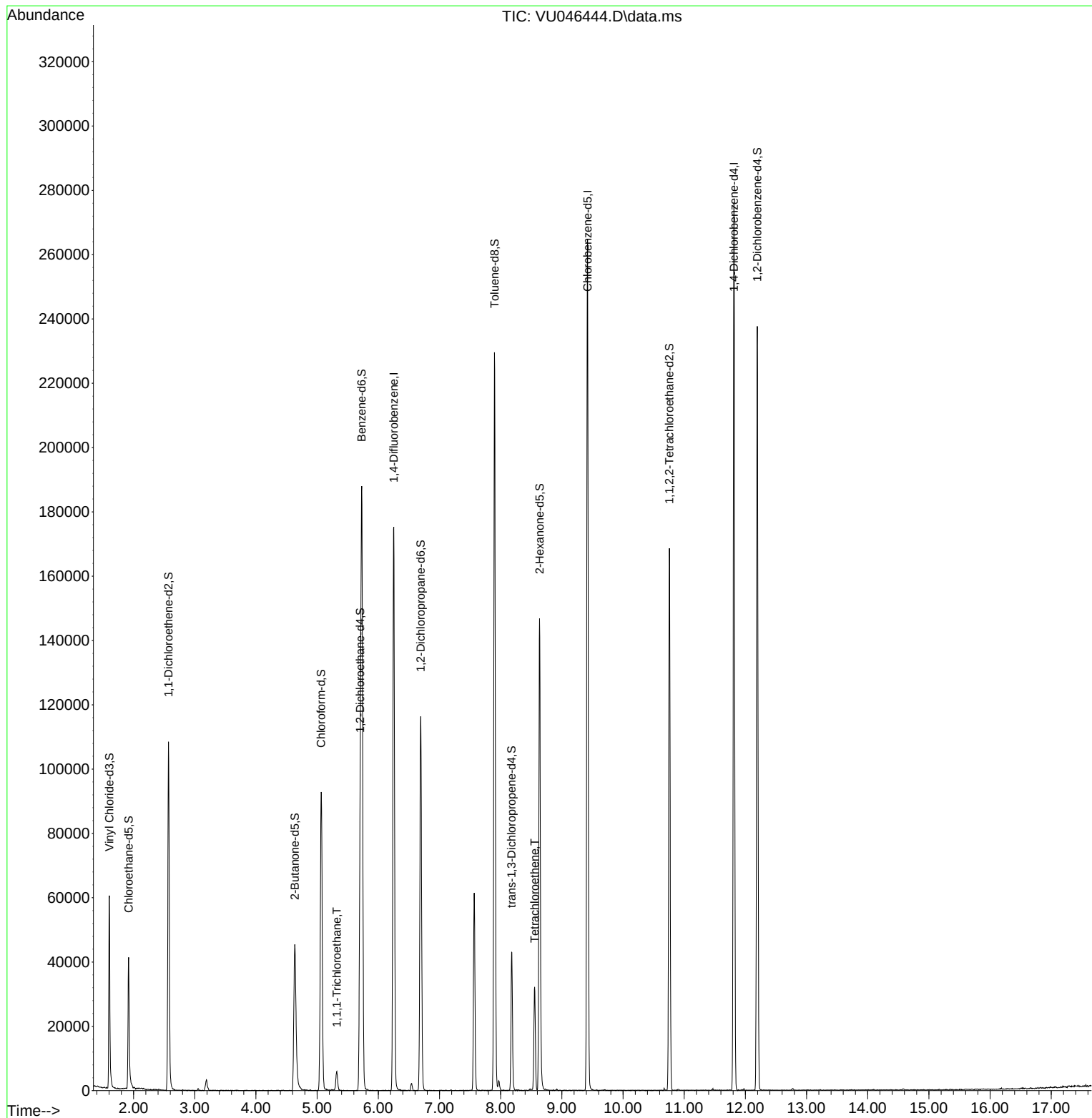
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 142019     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 145017     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 71084      | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604          | 65   | 48085      | 41.103   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.200%  |       |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 34550      | 38.465   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 76.920%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.572          | 63   | 63303      | 30.142   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 60.280%  |       |          |
| 21) 2-Butanone-d5             | 4.636          | 46   | 70854      | 76.187   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 76.190%  |       |          |
| 24) Chloroform-d              | 5.067          | 84   | 88663      | 45.384   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.760%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 58995      | 44.996   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.000%  |       |          |
| 32) Benzene-d6                | 5.729          | 84   | 174405     | 41.960   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.920%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.694          | 67   | 54525      | 42.328   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.660%  |       |          |
| 41) Toluene-d8                | 7.899          | 98   | 149603     | 39.531   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 79.060%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 24552      | 39.483   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.960%  |       |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 52404      | 85.801   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 85.800%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 80675      | 41.297   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 82.600%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 61239      | 44.734   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.460%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 30) 1,1,1-Trichloroethane     | 5.321          | 97   | 4481       | 2.517    | ug/L  | 99       |
| 46) Tetrachloroethene         | 8.555          | 164  | 6944       | 8.172    | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

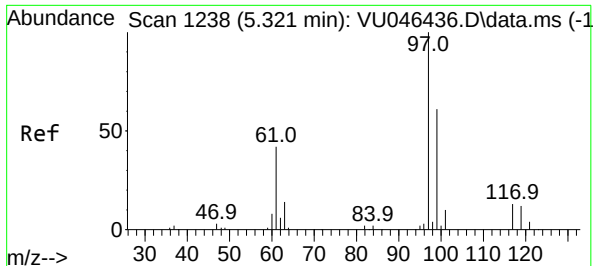
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121621\  
Data File : VU046444.D  
Acq On : 17 Dec 2021 00:47  
Operator : SY/MD  
Sample : M5101-13ME 20X  
Misc : 6.93g/5.0mL/100ul/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGL37ME

Quant Time: Dec 17 04:06:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 17 03:50:47 2021  
Response via : Initial Calibration





#30

1,1,1-Trichloroethane

Concen: 2.517 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU046444.D

Acq: 17 Dec 2021 00:47

Instrument :

MSVOA\_U

ClientSampleId :

BGL37ME

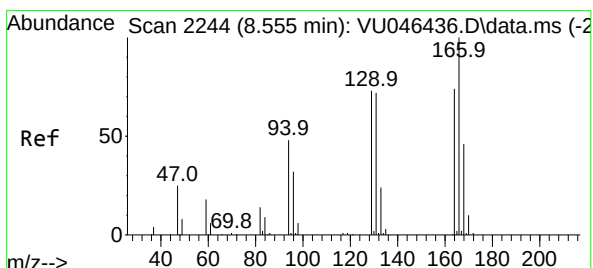
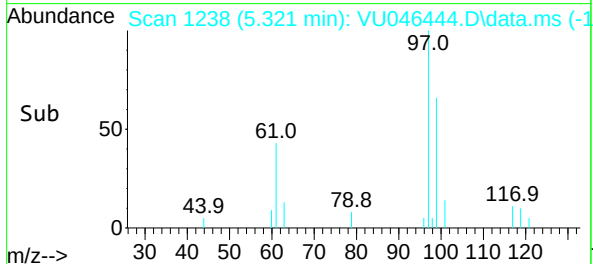
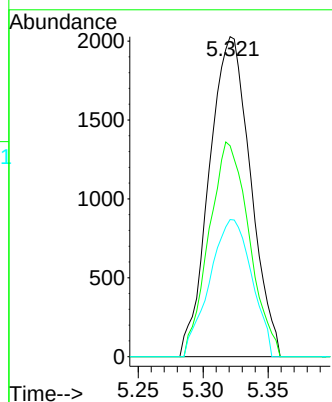
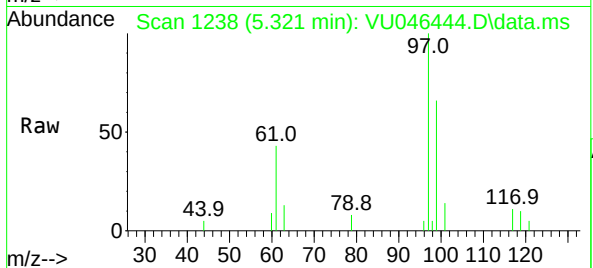
Tgt Ion: 97 Resp: 4481

Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.6

61 43.7 34.4 51.6



#46

Tetrachloroethene

Concen: 8.172 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046444.D

Acq: 17 Dec 2021 00:47

Tgt Ion: 164 Resp: 6944

Ion Ratio Lower Upper

164 100

129 105.2 71.1 132.1

131 97.7 67.8 126.0

166 134.5 90.6 168.2

