

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051421\  
 Data File : VU043746.D  
 Acq On : 14 May 2021 11:18  
 Operator : SY/MD  
 Sample : M2350-01DL 20X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG6L4DL

Quant Time: May 14 14:42:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051421WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 14 04:42:41 2021  
 Response via : Initial Calibration

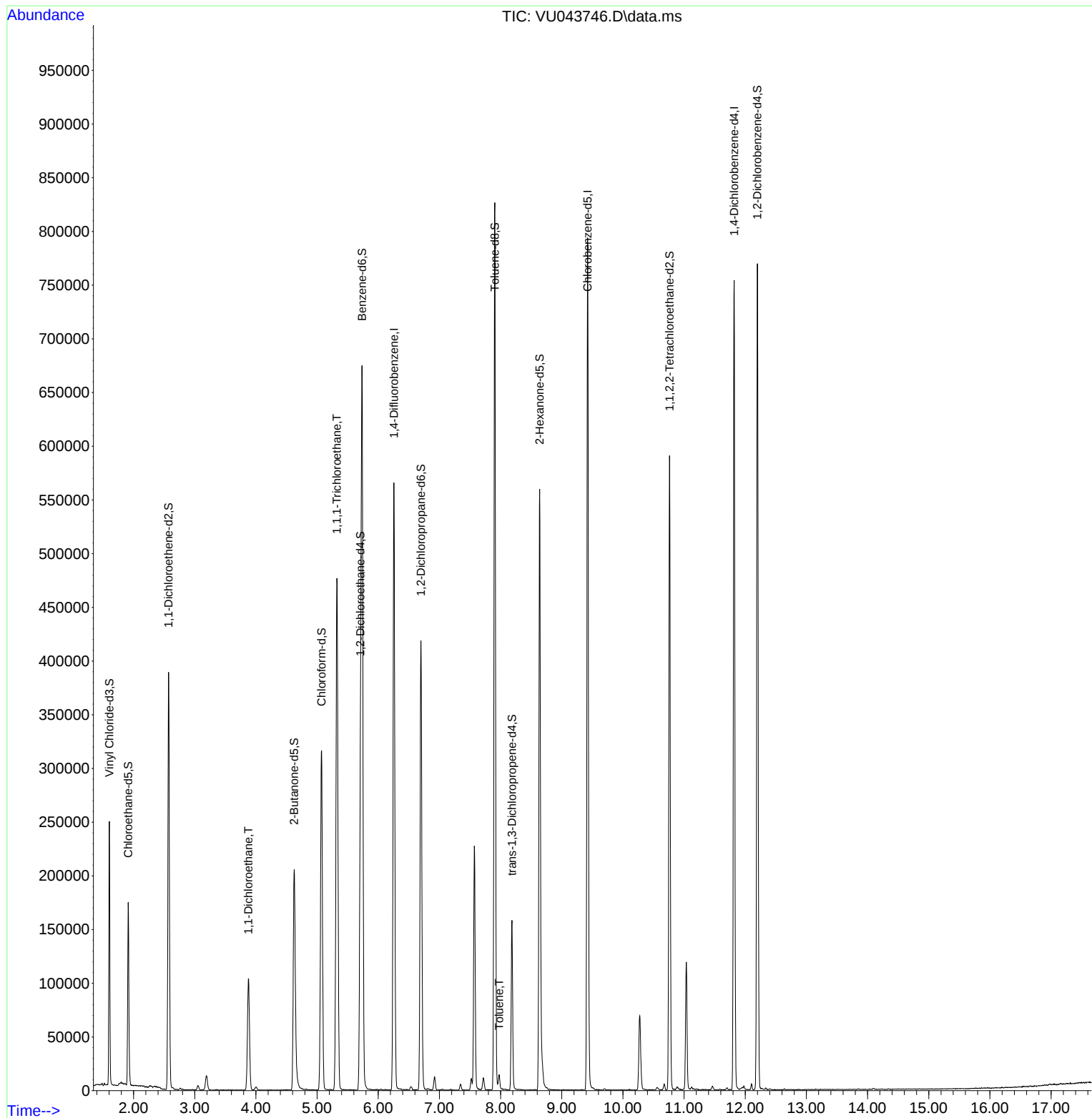
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.256          | 114  | 460348     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 445176     | 50.00   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 208045     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.604          | 65   | 168806     | 44.29   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 88.58%  |       |          |
| 7) Chloroethane-d5            | 1.912          | 69   | 128189     | 46.77   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.54%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.571          | 63   | 223879     | 34.50   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.00%  |       |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 294620     | 98.81   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 98.81%  |       |          |
| 24) Chloroform-d              | 5.073          | 84   | 297624     | 46.02   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.04%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.710          | 65   | 191618     | 47.79   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.58%  |       |          |
| 32) Benzene-d6                | 5.735          | 84   | 628047     | 47.61   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.22%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.697          | 67   | 208595     | 48.47   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 96.94%  |       |          |
| 41) Toluene-d8                | 7.906          | 98   | 552627     | 46.55   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.10%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.185          | 79   | 86894      | 46.18   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.36%  |       |          |
| 47) 2-Hexanone-d5             | 8.639          | 63   | 191161     | 92.77   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.77%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 296360     | 45.51   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.02%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 210283     | 51.21   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 102.42% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 19) 1,1-Dichloroethane        | 3.877          | 63   | 121052     | 18.01   | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 5.324          | 97   | 344636     | 64.22   | ug/L  | 99       |
| 42) Toluene                   | 7.976          | 91   | 8682       | 0.55    | ug/L  | 99       |
| -----                         |                |      |            |         |       |          |

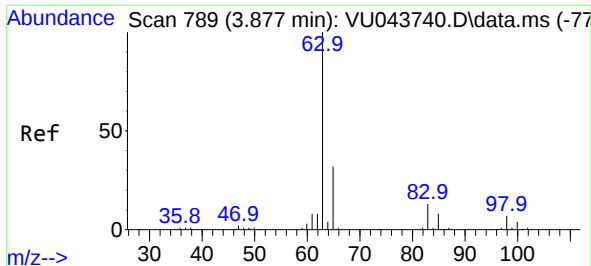
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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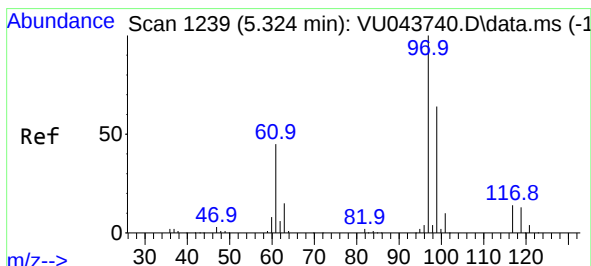
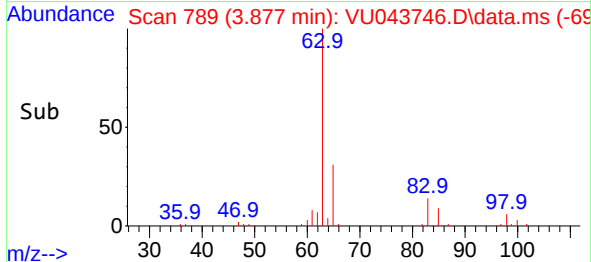
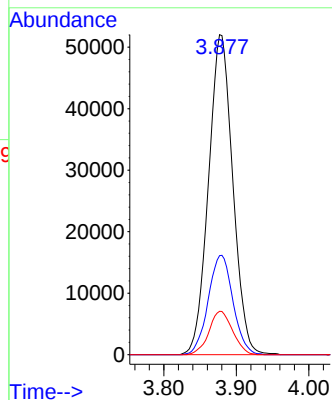
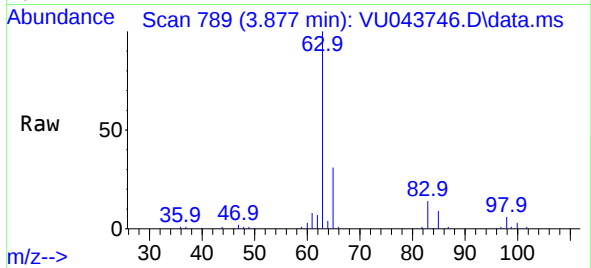




#19  
1,1-Dichloroethane  
Concen: 18.01 ug/L  
RT: 3.877 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: VU043746.D  
Acq: 14 May 2021 11:18

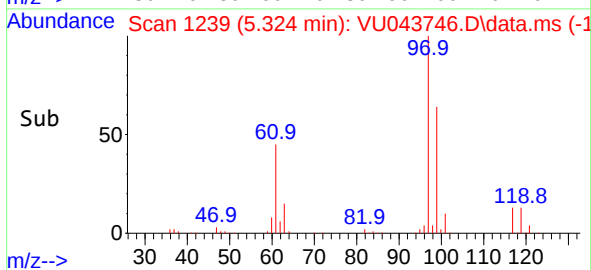
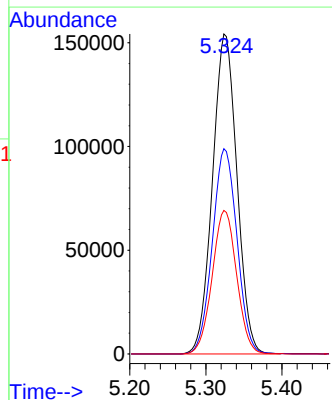
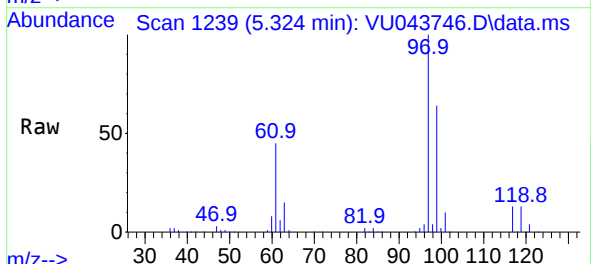
Instrument :  
MSVOA\_U  
ClientSampleId :  
BG6L4DL

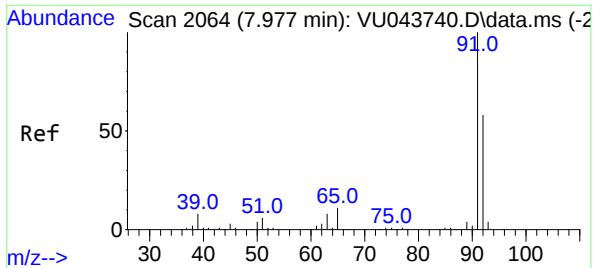
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 121052 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 30.9  | 22.0  | 41.0   |
| 83       | 13.5  | 8.7   | 16.1   |



#30  
1,1,1-Trichloroethane  
Concen: 64.22 ug/L  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU043746.D  
Acq: 14 May 2021 11:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 344636 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.7  | 51.7  | 77.5   |
| 61       | 44.9  | 36.9  | 55.3   |





#42  
Toluene  
Concen: 0.55 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043746.D  
Acq: 14 May 2021 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
BG6L4DL

Tgt Ion: 91 Resp: 8682  
Ion Ratio Lower Upper  
91 100  
92 56.1 39.7 73.7

