

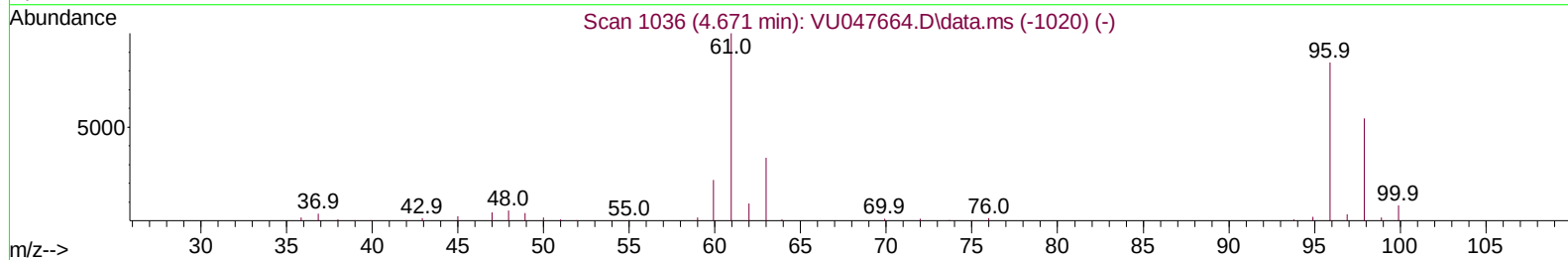
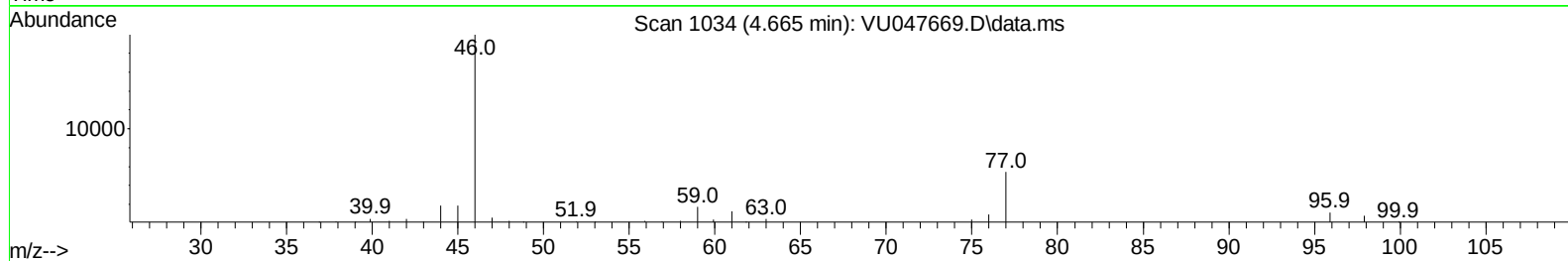
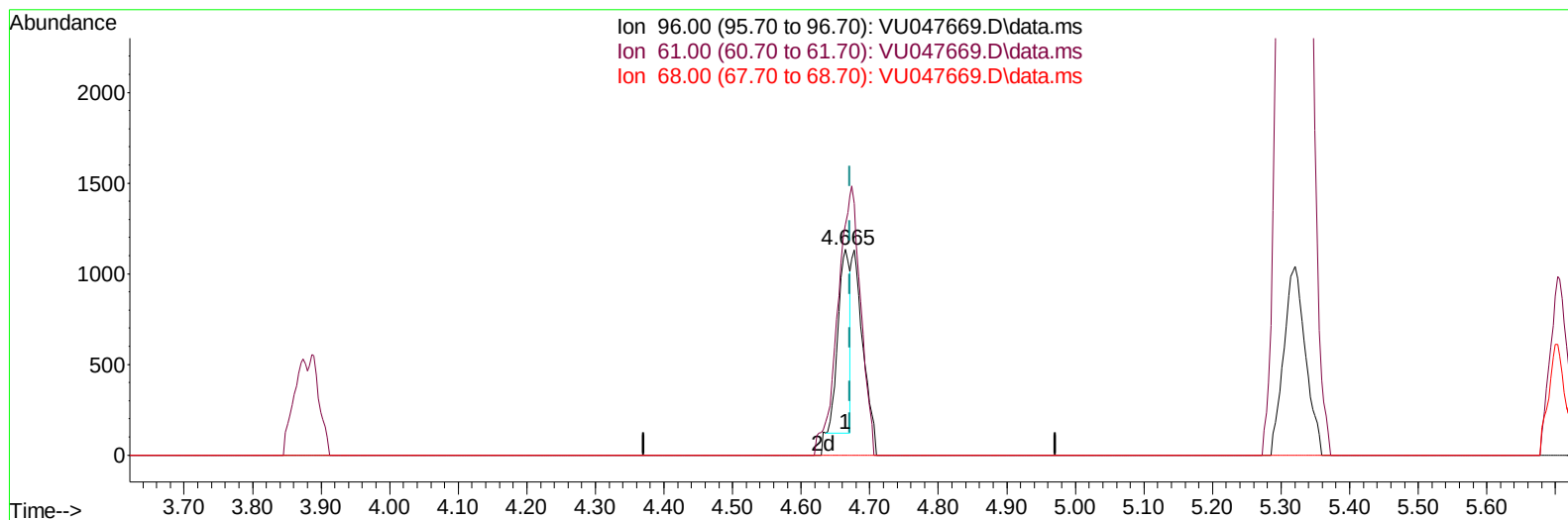
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032522\  
 Data File : VU047669.D  
 Acq On : 25 Mar 2022 12:57  
 Operator : SY/MD  
 Sample : N2081-05DL 5X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW5X4DL

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/26/2022  
 Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 02:08:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 26 02:04:39 2022  
 Response via : Initial Calibration



TIC: VU047669.D\data.ms

## (20) cis-1,2-Dichloroethene (T)

4.665min (-0.006) 1.15 ug/L

response 1211

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 115.30 | 112.16 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

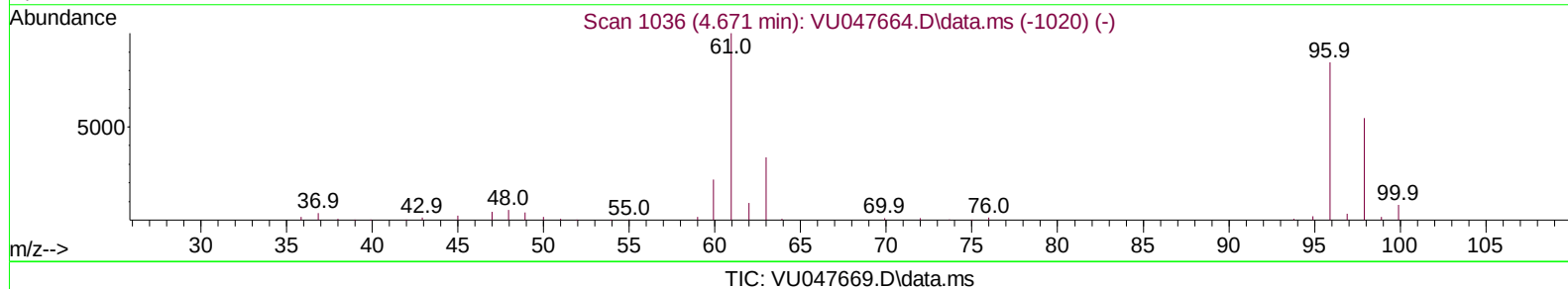
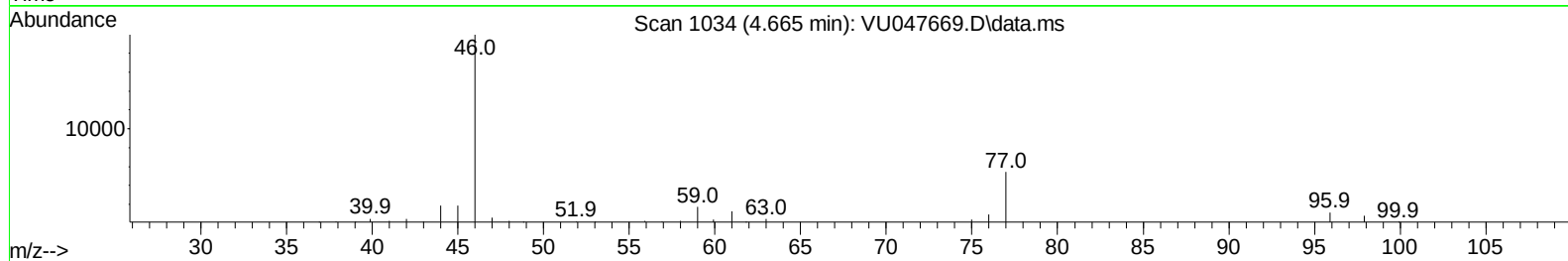
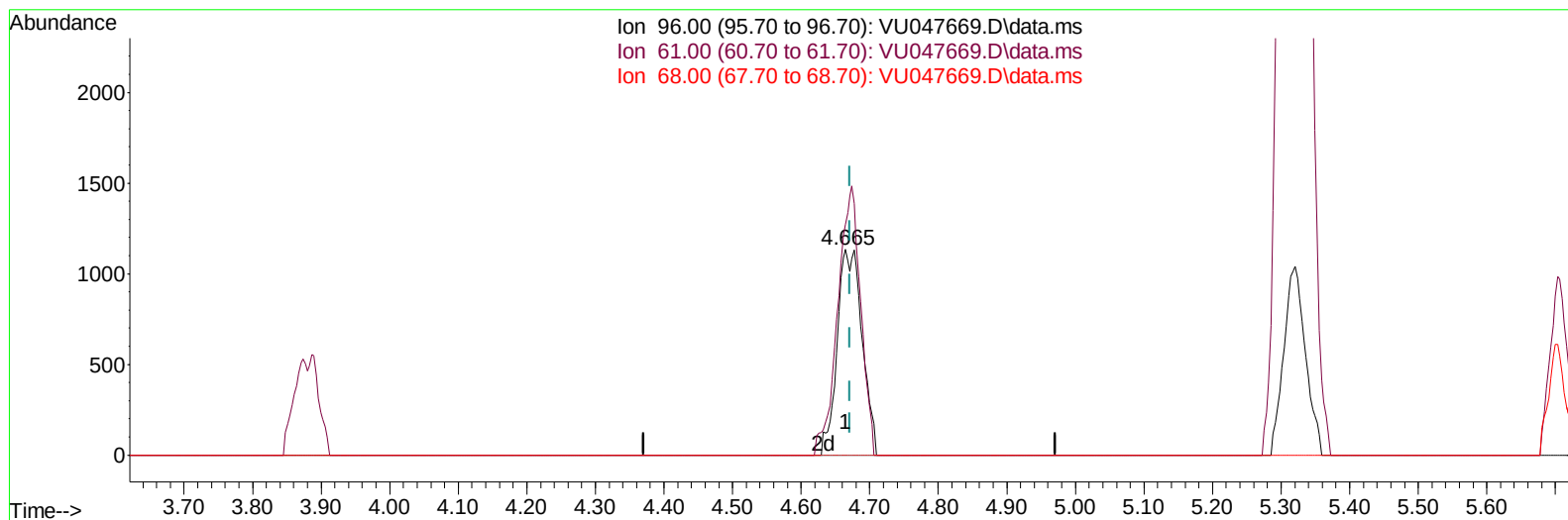
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## (20) cis-1,2-Dichloroethene (T)

4.665min (-0.006) 2.73 ug/L m

response 2868

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 115.30 | 112.16 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | QIon  | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|----------|-------|----------|-------------|--------|----------|
| -----                         |          |       |          |             |        |          |
| Internal Standards            |          |       |          |             |        |          |
| 1) 1,4-Difluorobenzene        | 6.250    | 114   | 129669   | 50.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417    | 117   | 135526   | 50.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812   | 152   | 70437    | 50.000      | ug/L   | 0.00     |
|                               |          |       |          |             |        |          |
| System Monitoring Compounds   |          |       |          |             |        |          |
| 4) Vinyl Chloride-d3          | 1.600    | 65    | 80964    | 86.103      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | = 172.200%# |        |          |
| 7) Chloroethane-d5            | 1.919    | 69    | 68491    | 92.376      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | = 184.760%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.571    | 63    | 108347   | 62.978      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | = 125.960%# |        |          |
| 21) 2-Butanone-d5             | 4.636    | 46    | 150376   | 186.318     | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | = 186.320%# |        |          |
| 24) Chloroform-d              | 5.066    | 84    | 147102   | 85.498      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 171.000%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.706    | 65    | 96324    | 91.282      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 182.560%# |        |          |
| 32) Benzene-d6                | 5.729    | 84    | 299732   | 87.892      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 175.780%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.693    | 67    | 94113    | 89.862      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | = 179.720%# |        |          |
| 41) Toluene-d8                | 7.899    | 98    | 270930   | 81.543      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | = 163.080%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182    | 79    | 42891    | 80.837      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | = 161.680%# |        |          |
| 47) 2-Hexanone-d5             | 8.635    | 63    | 106305   | 173.391     | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | = 173.390%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758   | 84    | 146627   | 81.579      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | = 163.160%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195   | 152   | 114259   | 91.178      | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | = 182.360%# |        |          |
|                               |          |       |          |             |        |          |
| Target Compounds              |          |       |          |             |        |          |
| 12) 1,1-Dichloroethene        | 2.584    | 96    | 2331     | 2.621       | ug/L # | 1        |
| 19) 1,1-Dichloroethane        | 3.874    | 63    | 16801    | 10.154      | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 4.665    | 96    | 2868m    | 2.727       | ug/L   |          |
| 30) 1,1,1-Trichloroethane     | 5.317    | 97    | 63510    | 41.328      | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.555    | 164   | 2435     | 2.635       | ug/L   | 92       |
| -----                         |          |       |          |             |        |          |

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

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