

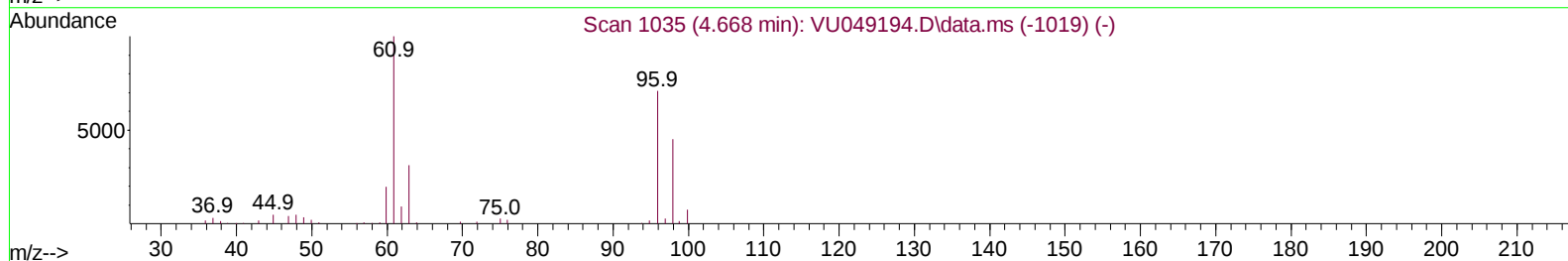
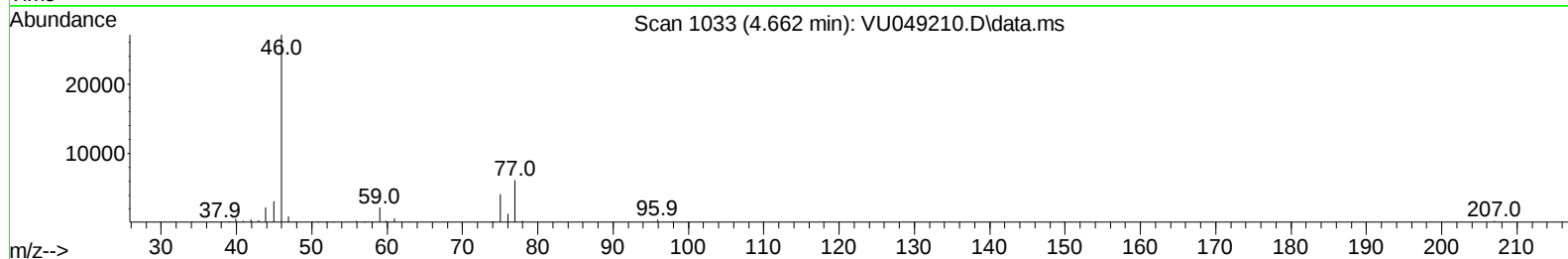
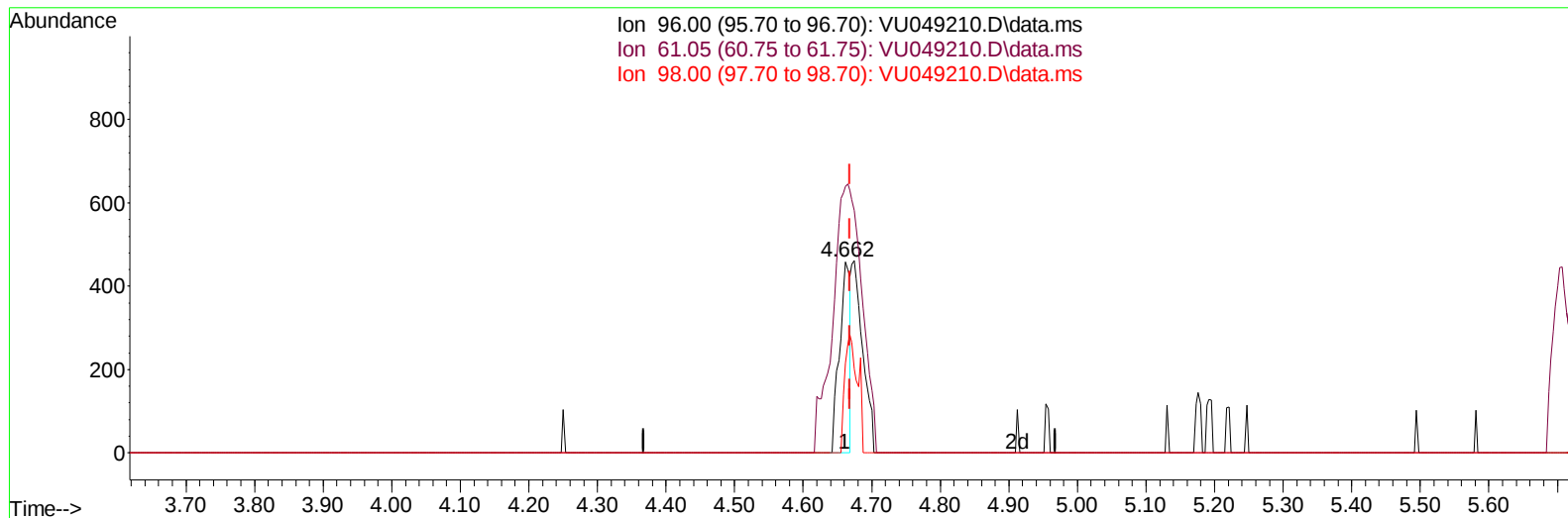
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061622\  
Data File : VU049210.D  
Acq On : 16 Jun 2022 16:17  
Operator : SY/MD  
Sample : N3277-16 10000X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BB5

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/20/2022  
Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 17 01:28:49 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jun 17 01:23:56 2022  
Response via : Initial Calibration



TIC: VU049210.D\data.ms

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

4.662min (-0.006) 0.06 ug/L

response 490

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.05 | 142.20 | 139.22 |
| 98.00 | 64.00  | 46.84  |
| 0.00  | 0.00   | 0.00   |

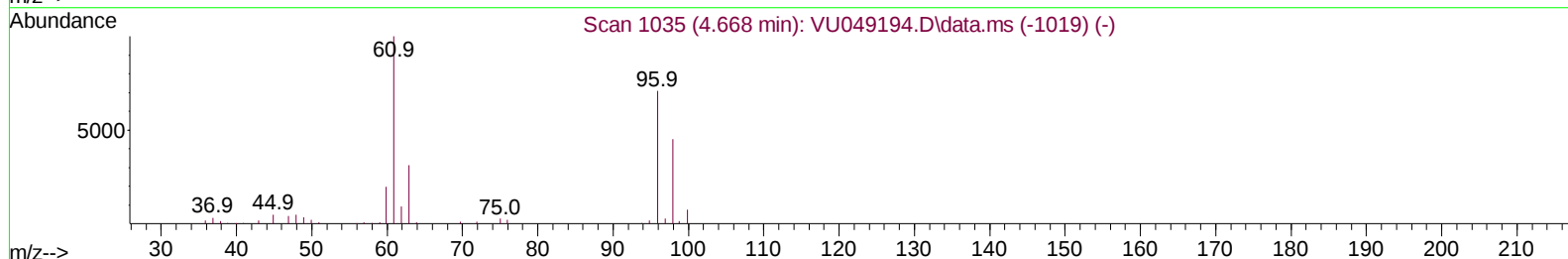
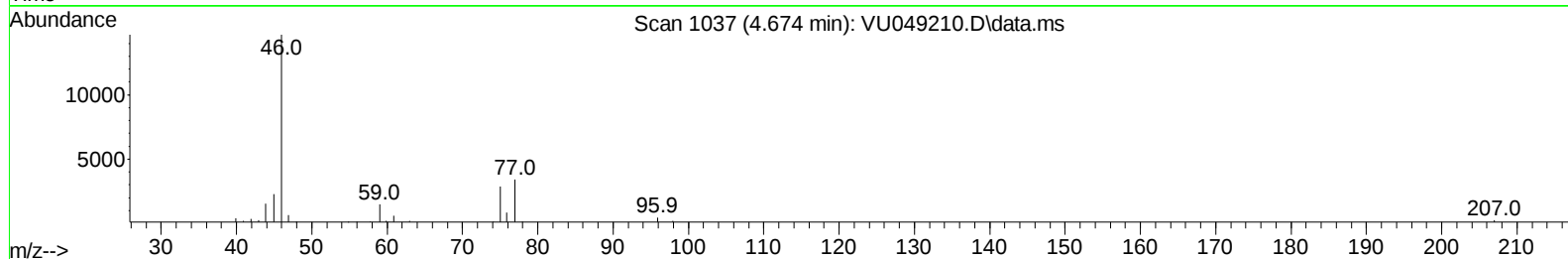
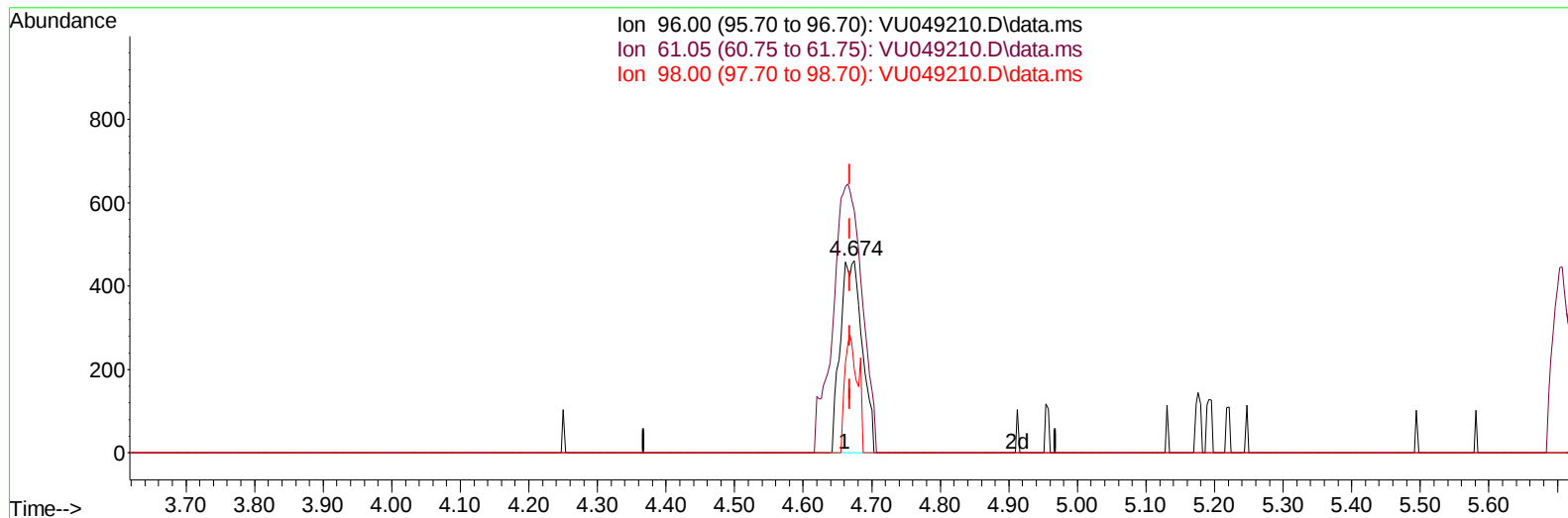
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TIC: VU049210.D\data.ms

**(22) cis-1,2-Dichloroethene (T)**

4.674min (+ 0.006) 0.12 ug/L m

response 1026

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.05 | 142.20 | 125.97 |
| 98.00 | 64.00  | 43.51# |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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 QLast Update : Fri Jun 17 01:23:56 2022  
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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|--------|----------|
| -----                         |          |       |     |            |          |        |          |
| Internal Standards            |          |       |     |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250    | 114   |     | 122994     | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417    | 117   |     | 111255     | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812   | 152   |     | 56298      | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597    | 65    |     | 35053      | 3.262    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 |     | Recovery = | 65.200%  |        |          |
| 7) Chloroethane-d5            | 1.912    | 69    |     | 28775      | 3.955    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 |     | Recovery = | 79.000%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.568    | 65    |     | 15601      | 3.609    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 |     | Recovery = | 72.200%  |        |          |
| 20) 2-Butanone-d5             | 4.636    | 46    |     | 163347     | 56.925   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 |     | Recovery = | 113.840% |        |          |
| 24) Chloroform-d              | 5.063    | 84    |     | 76069      | 4.511    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 |     | Recovery = | 90.200%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703    | 65    |     | 43186      | 4.669    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 |     | Recovery = | 93.400%  |        |          |
| 32) Benzene-d6                | 5.729    | 84    |     | 146854     | 4.382    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 |     | Recovery = | 87.600%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.694    | 67    |     | 52897      | 4.650    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 |     | Recovery = | 93.000%  |        |          |
| 41) Toluene-d8                | 7.899    | 98    |     | 127500     | 4.225    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 |     | Recovery = | 84.400%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182    | 79    |     | 20162      | 3.990    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 |     | Recovery = | 79.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.636    | 63    |     | 110132     | 54.023   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 |     | Recovery = | 108.040% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758   | 84    |     | 46321      | 5.086    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 |     | Recovery = | 101.800% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195   | 152   |     | 48742      | 4.512    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 |     | Recovery = | 90.200%  |        |          |
| Target Compounds              |          |       |     |            |          |        |          |
|                               |          |       |     |            |          | Qvalue |          |
| 9) Trichlorofluoromethane     | 2.138    | 101   |     | 9128       | 0.761    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.674    | 96    |     | 1026m      | 0.120    | ug/L   |          |
| 34) Trichloroethene           | 6.543    | 95    |     | 730493     | 86.324   | ug/L   | 99       |
| 47) Tetrachloroethene         | 8.552    | 164   |     | 4565       | 0.782    | ug/L   | 94       |
| -----                         |          |       |     |            |          |        |          |

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

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