

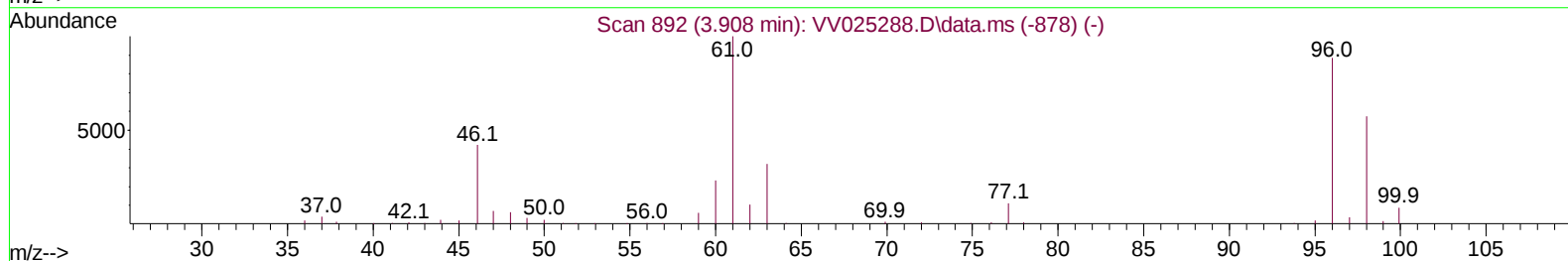
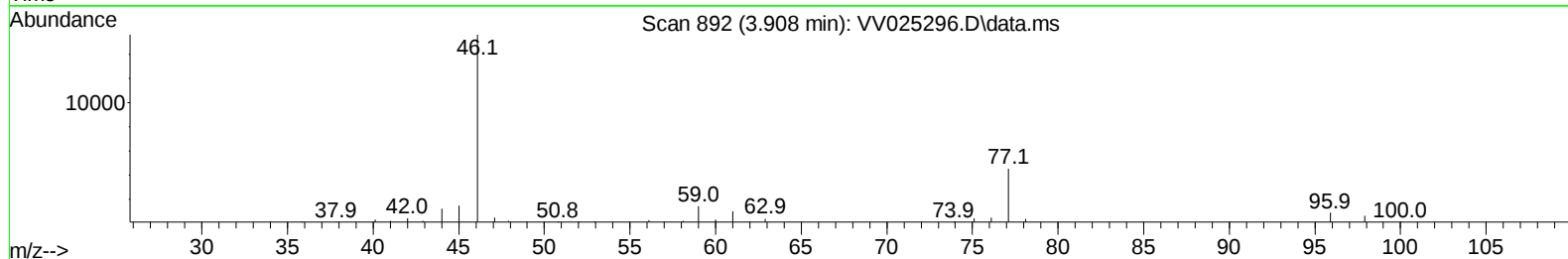
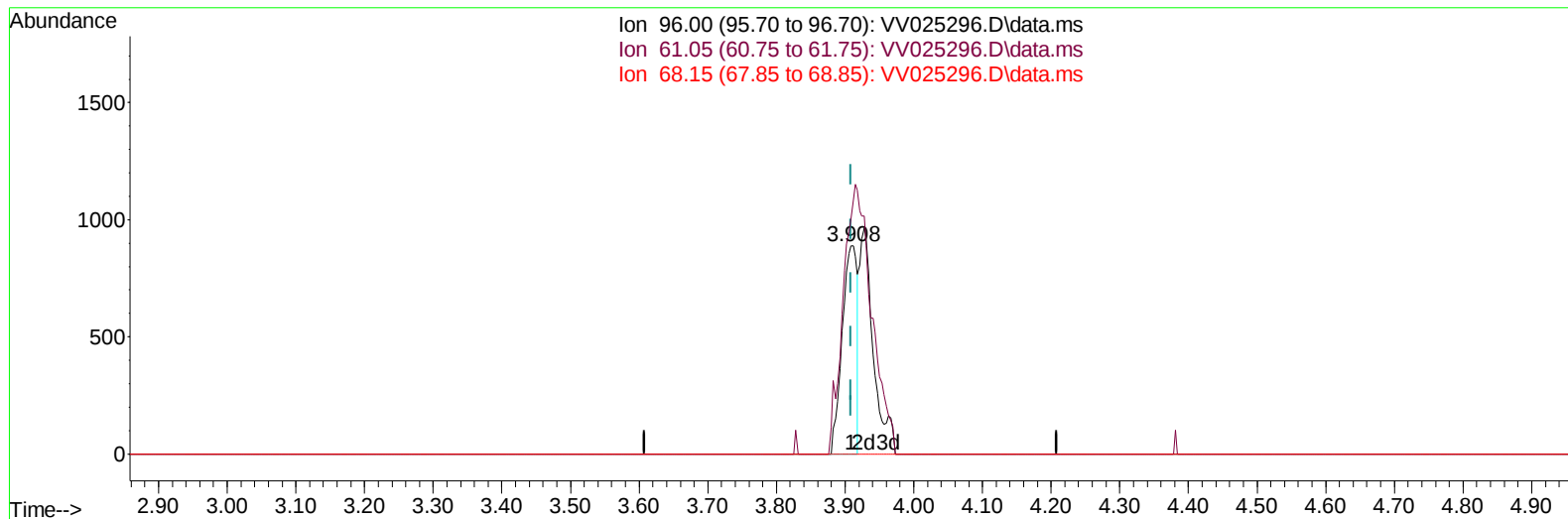
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032922\  
Data File : VV025296.D  
Acq On : 29 Mar 2022 16:27  
Operator : SY/MD  
Sample : N2165-02  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6N8

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/01/2022  
Supervised By :Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 02:06:47 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 30 02:04:47 2022  
Response via : Initial Calibration



TIC: VV025296.D\data.ms

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

3.908min (+ 0.000) 0.12 ug/L

response 1359

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.05 | 120.10 | 112.60 |
| 68.15 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

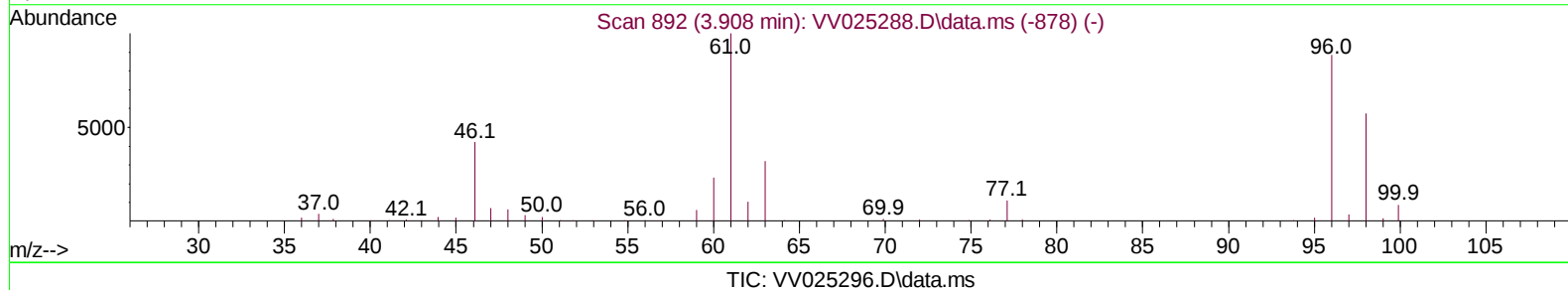
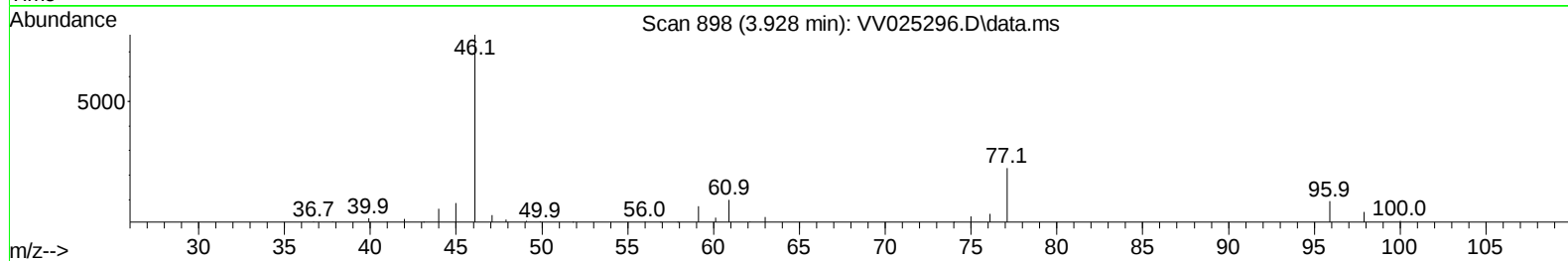
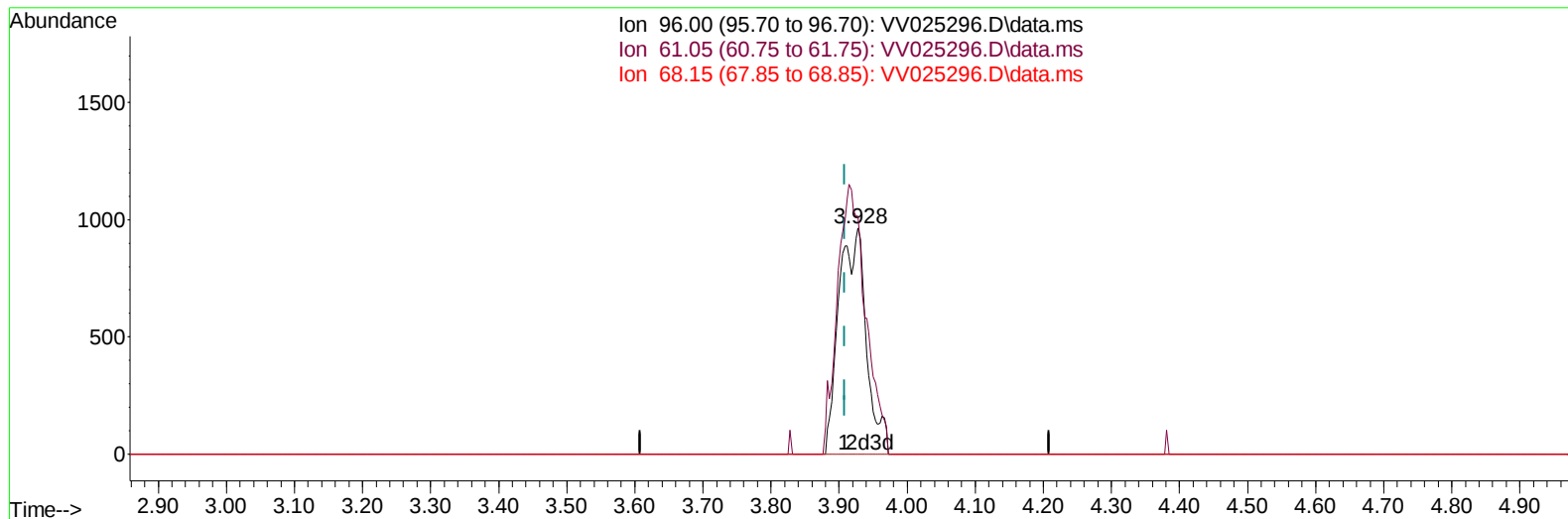
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**(22) cis-1,2-Dichloroethene (T)**

**3.928min (+ 0.019) 0.25 ug/L m**

**response 2702**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.05 | 120.10 | 105.40 |
| 68.15 | 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        | 5.616          | 114  | 148511     | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 144948     | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 60270      | 5.000    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 45562      | 3.284    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 65.600%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 48447      | 4.161    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 83.200%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 74516      | 2.480    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 49.600%# |        |          |
| 20) 2-Butanone-d5             | 3.886          | 46   | 75912      | 54.936   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 109.880% |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 84917      | 4.691    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 93.800%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 39637      | 4.953    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 99.000%  |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 158928     | 4.334    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 86.600%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 48187      | 4.689    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 93.800%  |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 130848     | 3.890    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 77.800%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 13840      | 4.128    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 82.600%  |        |          |
| 46) 2-Hexanone-d5             | 8.088          | 63   | 59206      | 48.896   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 97.800%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214         | 84   | 33596      | 4.903    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 98.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 49314      | 5.094    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 101.800% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 22) cis-1,2-Dichloroethene    | 3.928          | 96   | 2702m      | 0.248    | ug/L   |          |
| 25) Chloroform                | 4.378          | 83   | 41930      | 2.109    | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.519          | 83   | 1210       | 0.097    | ug/L # | 80       |
| 47) Tetrachloroethene         | 7.976          | 164  | 9718       | 1.129    | ug/L   | 93       |
| -----                         |                |      |            |          |        |          |

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

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