

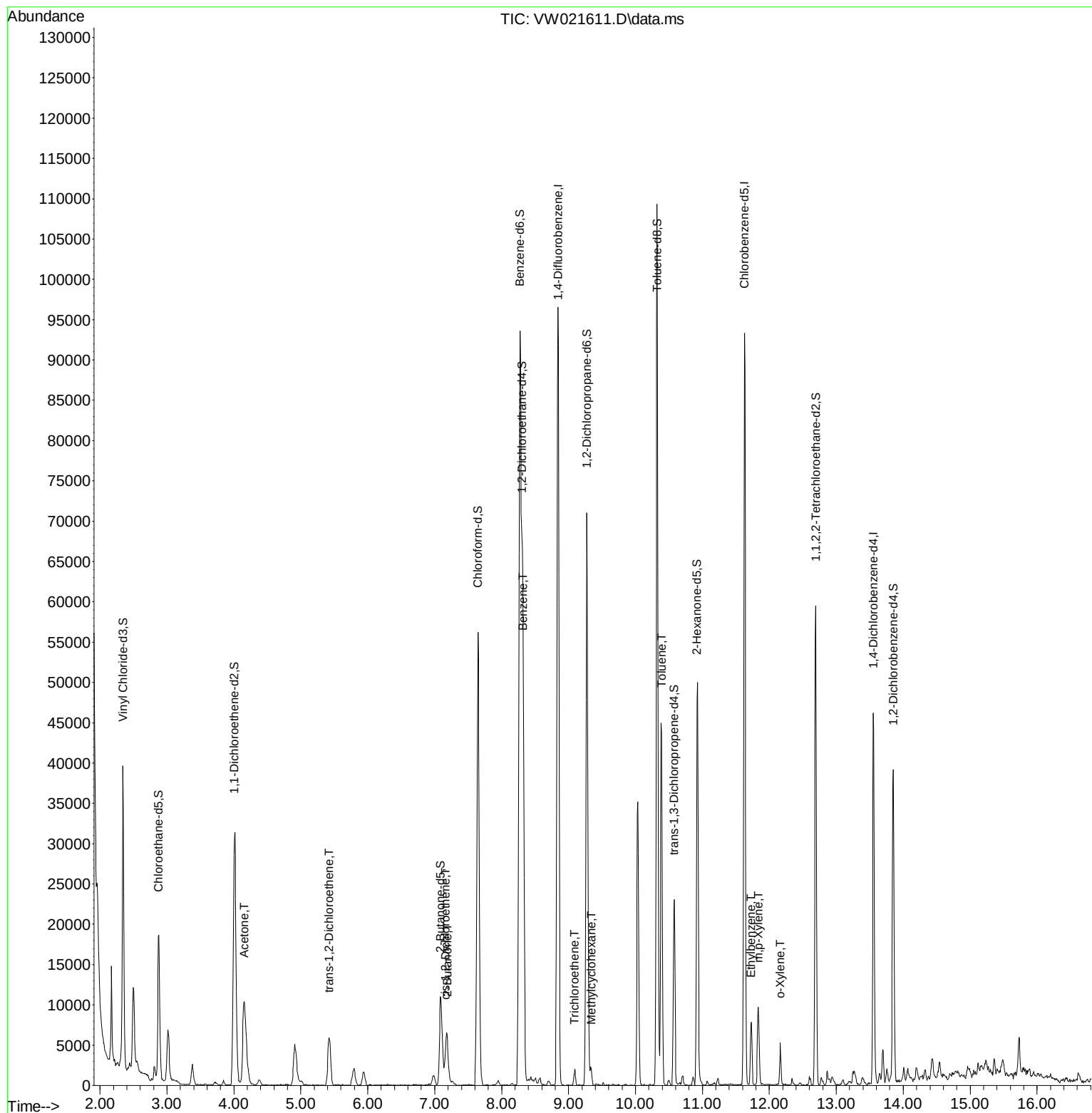
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122221\  
Data File : VW021611.D  
Acq On : 23 Dec 2021 14:03  
Operator : SY/VA  
Sample : M5174-07  
Misc : 6.59g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GBC18

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021  
Supervised By :Mahesh Dadoda 01/02/2022

Quant Time: Dec 24 00:33:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Dec 24 00:28:54 2021  
Response via : Initial Calibration



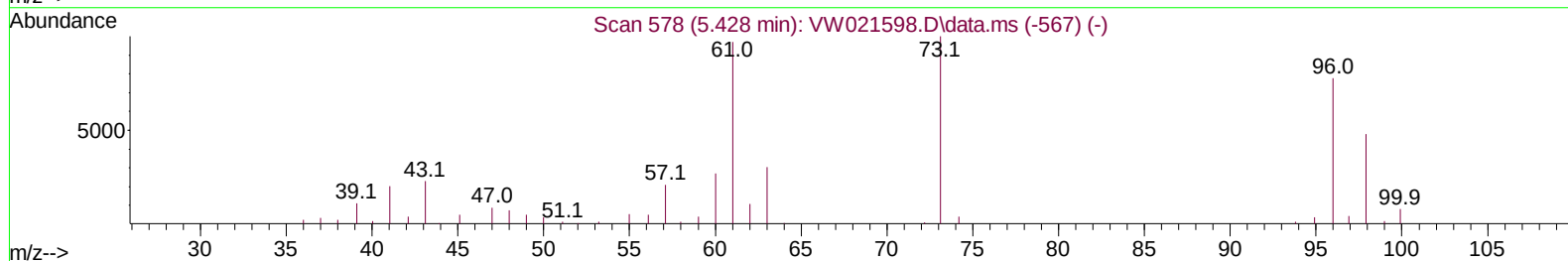
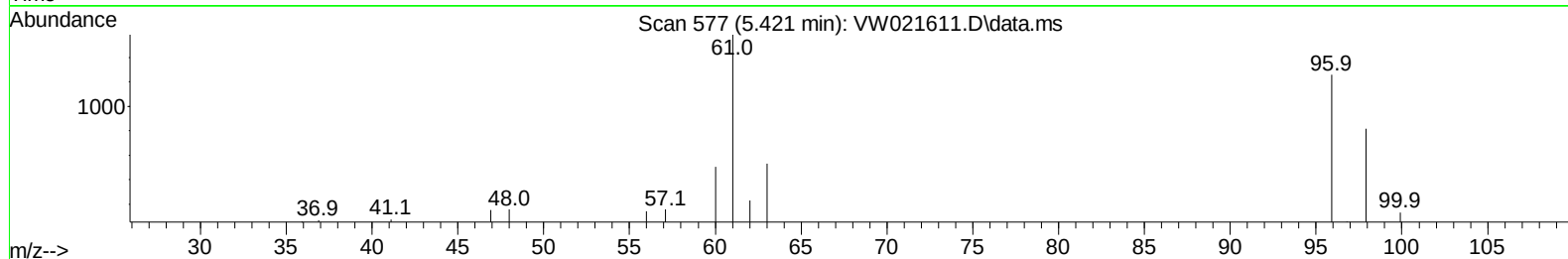
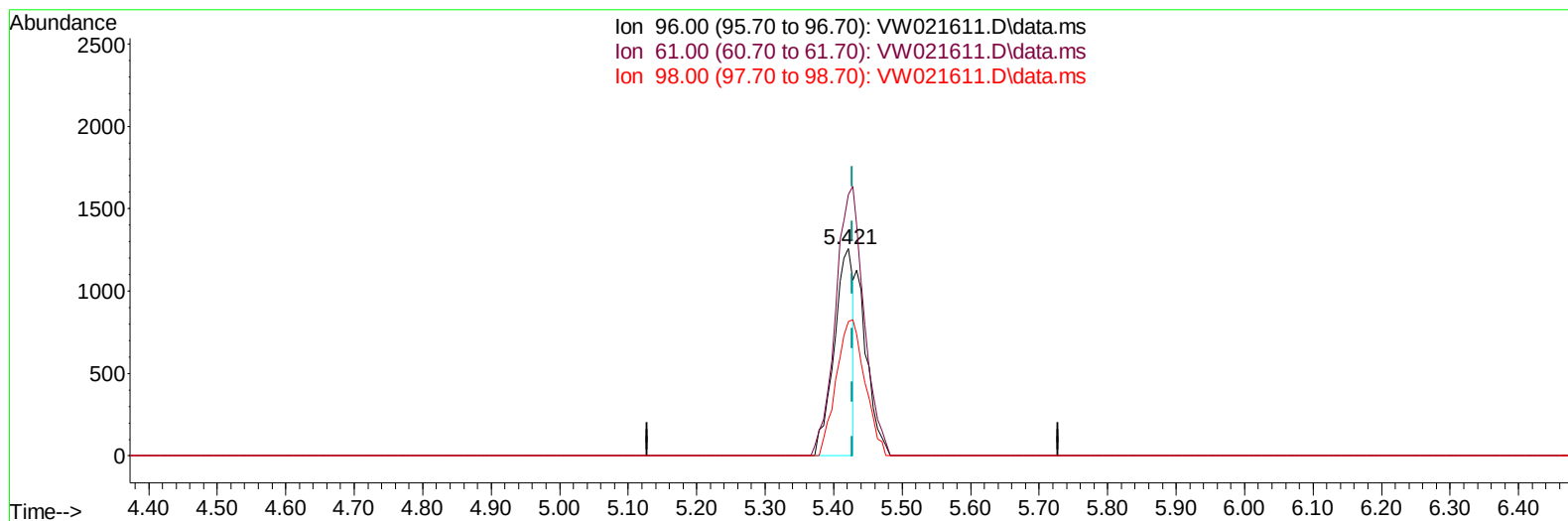
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## (17) trans-1,2-Dichloroethene (T)

5.421min (-0.006) 2.11 ug/L

response 2387

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 153.40 | 126.17 |
| 98.00 | 58.90  | 64.92  |
| 0.00  | 0.00   | 0.00   |

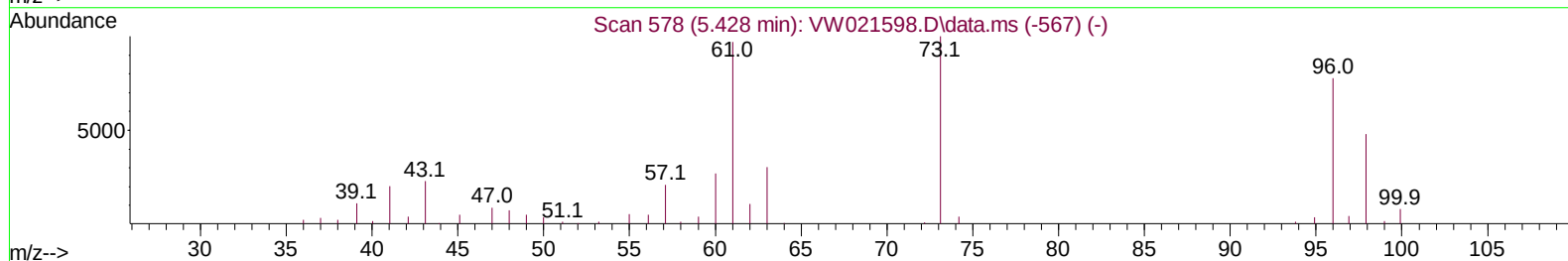
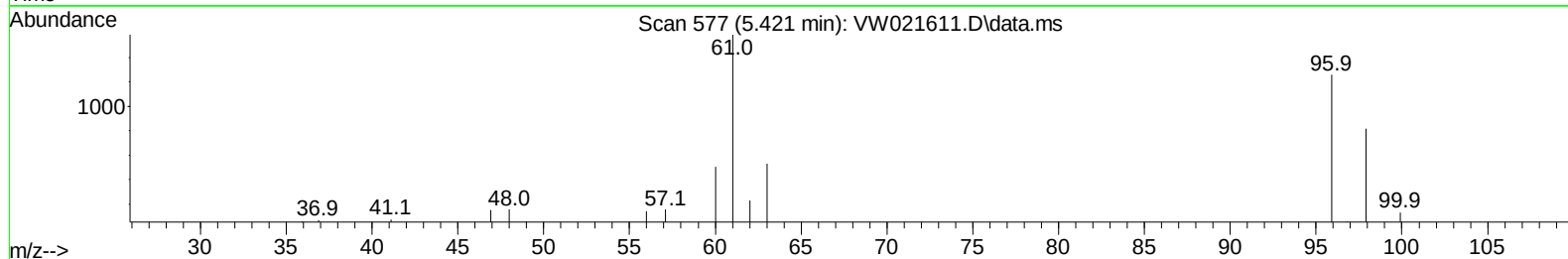
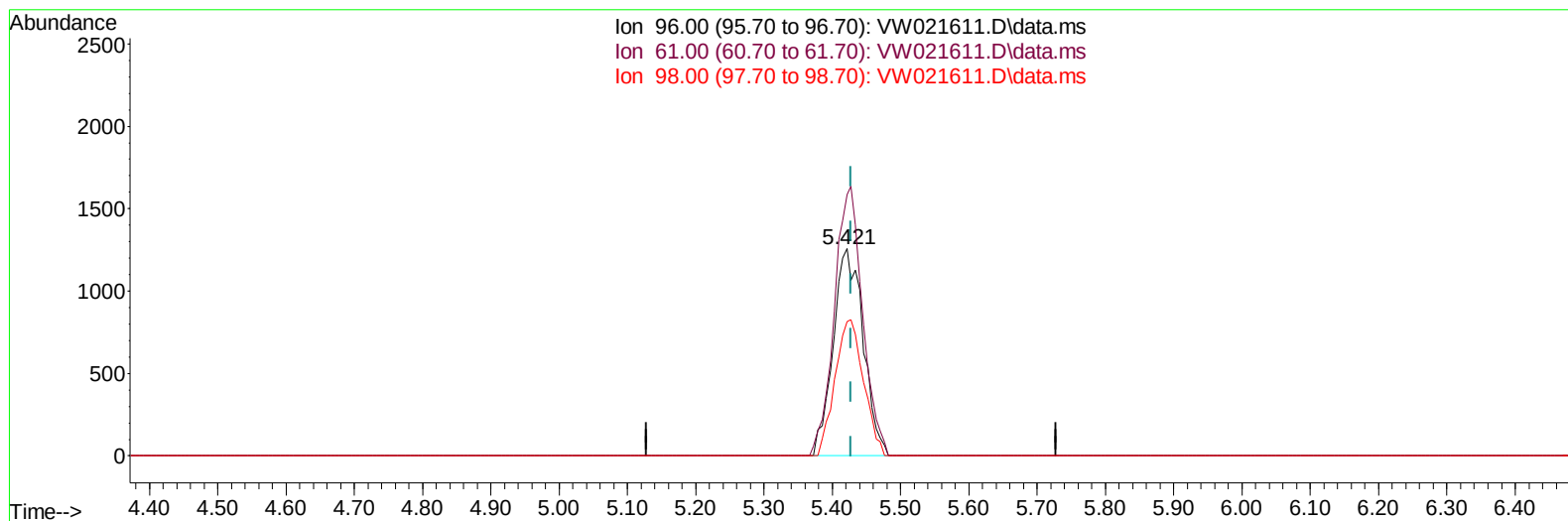
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## (17) trans-1,2-Dichloroethene (T)

5.421min (-0.006) 3.38 ug/L m

response 3823

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 153.40 | 126.17 |
| 98.00 | 58.90  | 64.92  |
| 0.00  | 0.00   | 0.00   |

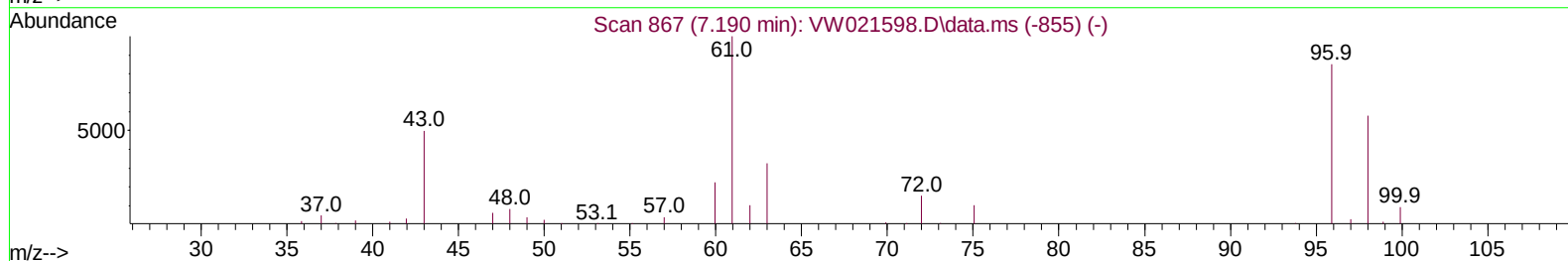
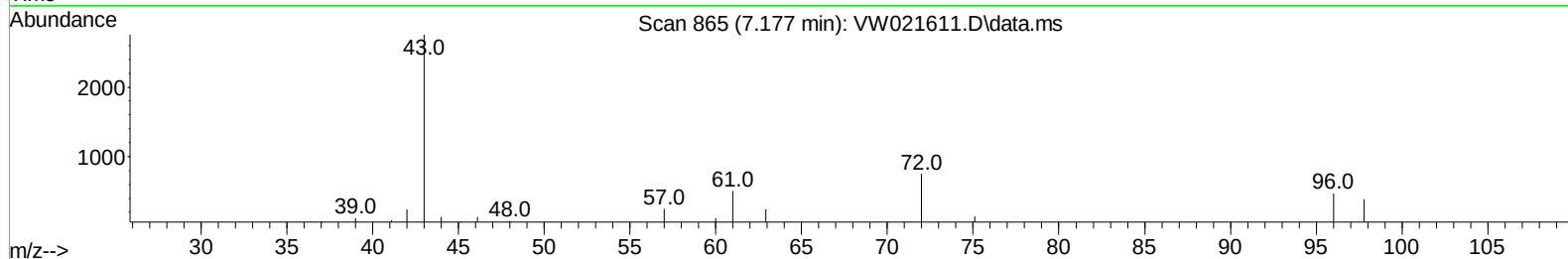
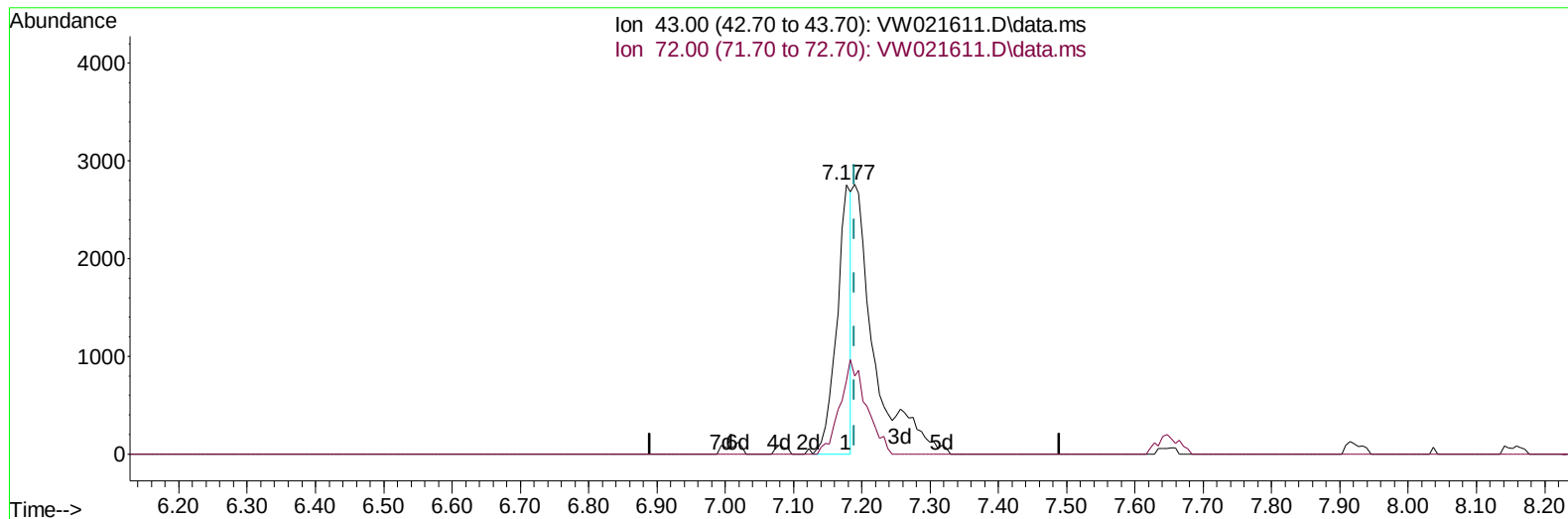
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**(22) 2-Butanone (T)**

7.177min (-0.012) 16.18 ug/L

response 4102

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 23.60  | 60.04# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

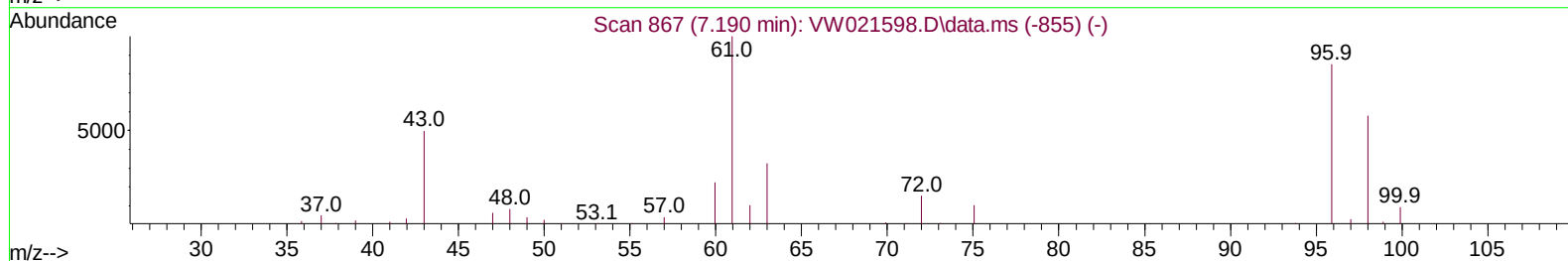
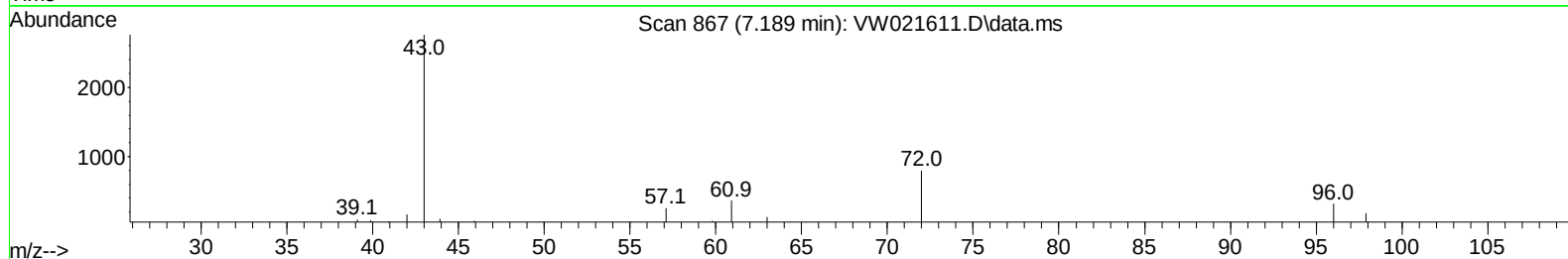
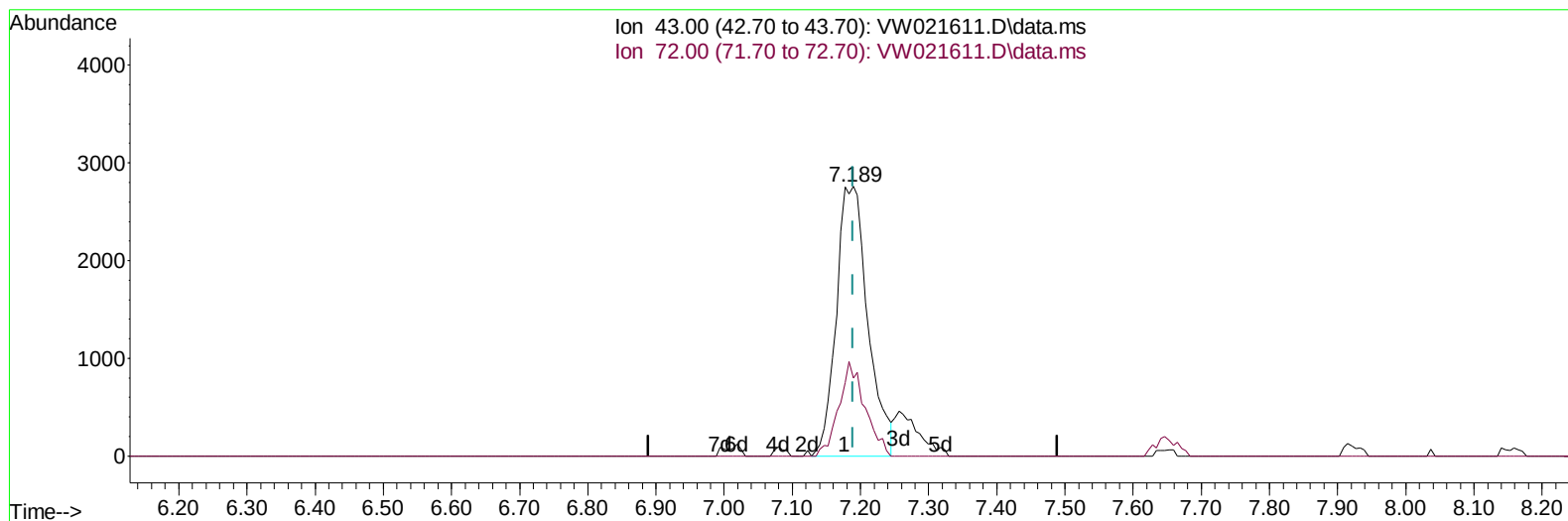
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: VW021611.D\data.ms

(22) 2-Butanone (T)

7.189min (-0.000) 35.02 ug/L m

response 8877

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 23.60  | 27.75  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\Vw122221\  
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 Operator : SY/VA  
 Sample : M5174-07  
 Misc : 6.59g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 24 00:28:54 2021  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response | Conc    | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|-----------|----------|
| -----                         |          |       |          |         |           |          |
| Internal Standards            |          |       |          |         |           |          |
| 1) 1,4-Difluorobenzene        | 8.848    | 114   | 84347    | 25.000  | ug/L      | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 53144    | 25.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 12750    | 25.000  | ug/L      | 0.00     |
|                               |          |       |          |         |           |          |
| System Monitoring Compounds   |          |       |          |         |           |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 26729    | 17.400  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 69.600%   |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 19913    | 19.608  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 78.440%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.007    | 63    | 29519    | 14.413  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =       | 57.640%   |          |
| 21) 2-Butanone-d5             | 7.086    | 46    | 20045    | 92.569  | ug/L      | -0.01    |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 185.140%# |          |
| 24) Chloroform-d              | 7.647    | 84    | 55900    | 23.782  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =       | 95.120%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 37322    | 29.850  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =       | 119.400%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 94181    | 32.331  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =       | 129.320%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 29914    | 38.291  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =       | 153.160%# |          |
| 41) Toluene-d8                | 10.323   | 98    | 70103    | 23.553  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =       | 94.200%   |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 12166    | 33.821  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =       | 135.280%# |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 16285    | 140.967 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 281.940%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695   | 84    | 26834    | 39.956  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =       | 159.840%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 10373    | 20.992  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =       | 83.960%   |          |
|                               |          |       |          |         |           |          |
| Target Compounds              |          |       |          |         |           |          |
| 13) Acetone                   | 4.153    | 43    | 23907    | 123.154 | ug/L      | 93       |
| 17) trans-1,2-Dichloroethene  | 5.421    | 96    | 3823m    | 3.377   | ug/L      |          |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 1415     | 1.185   | ug/L      | 65       |
| 22) 2-Butanone                | 7.189    | 43    | 8877m    | 35.016  | ug/L      |          |
| 33) Benzene                   | 8.323    | 78    | 30918    | 10.680  | ug/L      | 100      |
| 34) Trichloroethene           | 9.091    | 95    | 688      | 0.847   | ug/L      | 91       |
| 35) Methylcyclohexane         | 9.341    | 83    | 801      | 0.598   | ug/L #    | 91       |
| 42) Toluene                   | 10.390   | 91    | 33259    | 9.823   | ug/L      | 95       |
| 52) Ethylbenzene              | 11.731   | 91    | 5690     | 1.471   | ug/L      | 100      |
| 53) m,p-Xylene                | 11.835   | 106   | 3216     | 2.060   | ug/L      | 88       |
| 54) o-Xylene                  | 12.164   | 106   | 1332     | 0.899   | ug/L      | 92       |
| -----                         |          |       |          |         |           |          |

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