

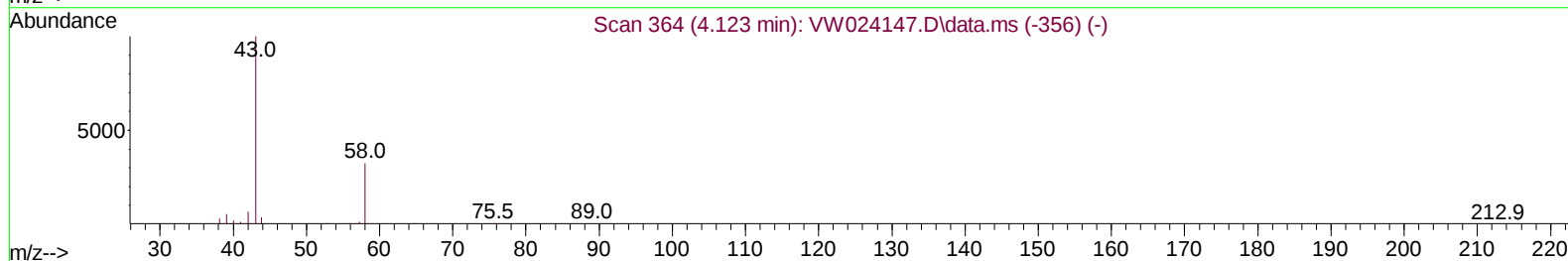
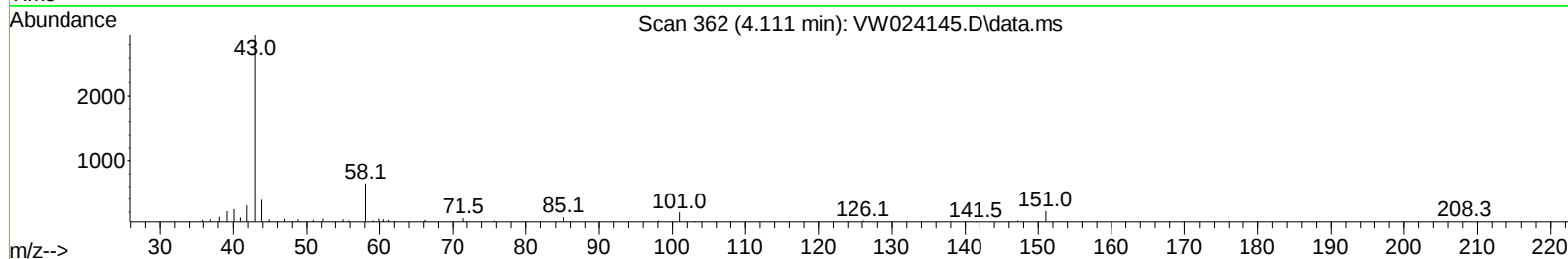
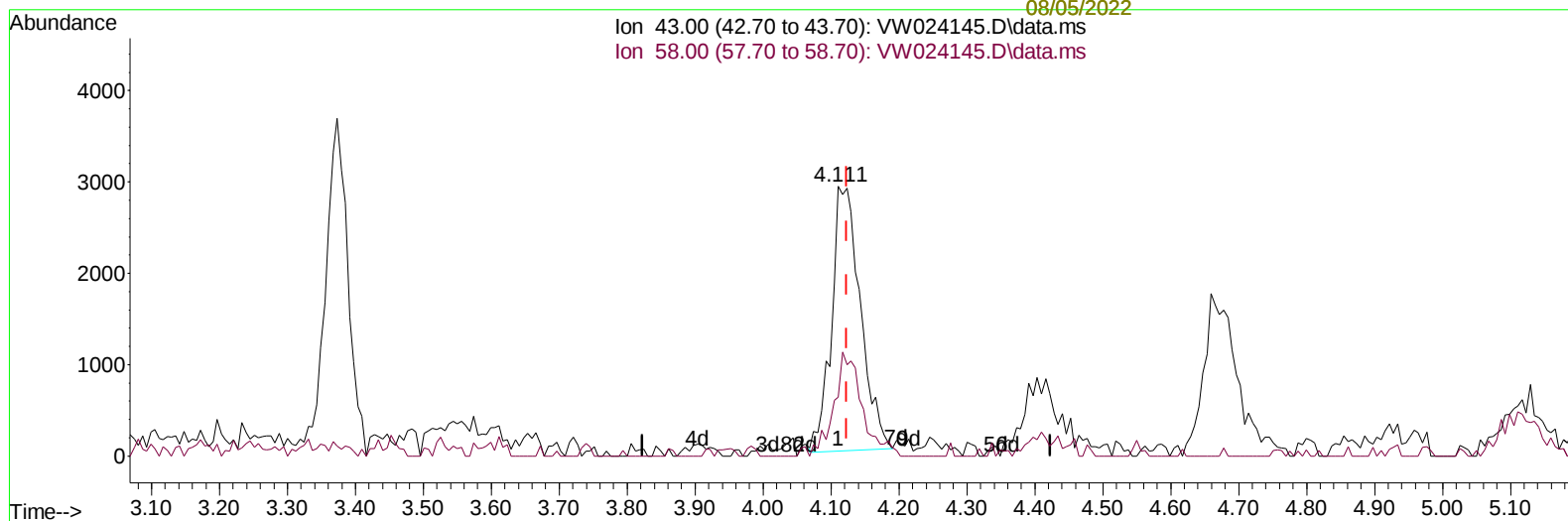
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080322\  
 Data File : VW024145.D  
 Acq On : 03 Aug 2022 08:48  
 Operator : SY/VA  
 Sample : VSTD2.501  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5401

Manual IntegrationsAPPROVED

Quant Time: Aug 04 00:44:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 04 00:42:54 2022  
 Response via : Initial Calibration

Reviewed By :Mahesh  
 Dadoda  
 08/05/2022  
 Supervised By :Semsettin  
 Yesilyurt  
 08/05/2022



TIC: VW024145.D\data.ms

(13) Acetone (T)

4.111min (-0.012) 9.15 ug/L

response 8514

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 33.00  | 18.96  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

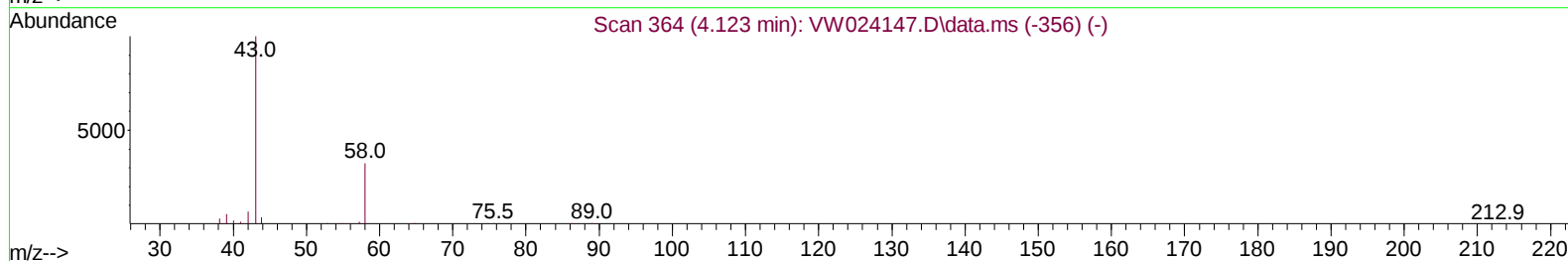
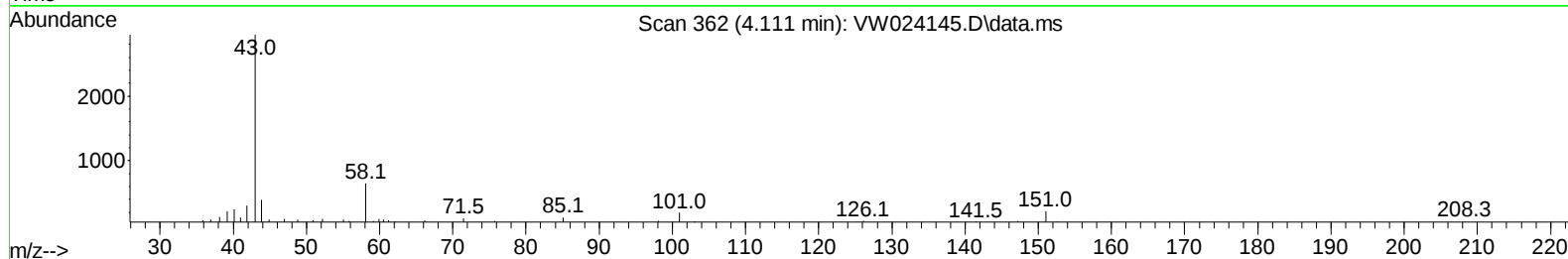
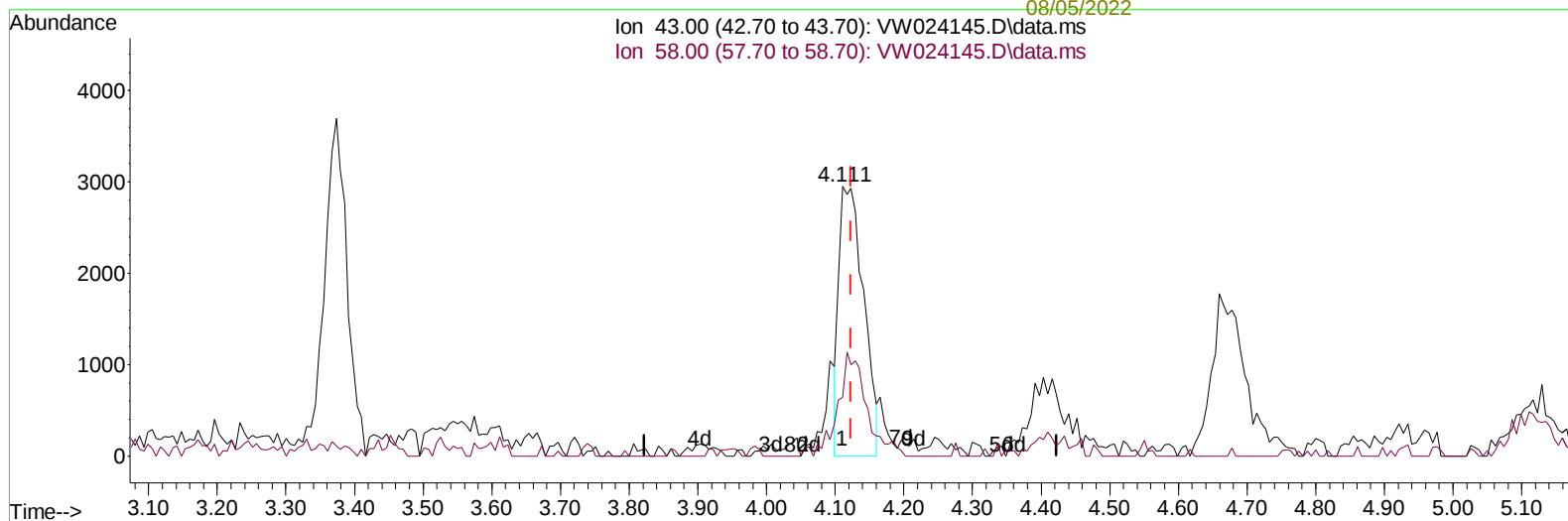
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## (13) Acetone (T)

4.111min (-0.012) 7.85 ug/L m

response 7302

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 33.00  | 22.10  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



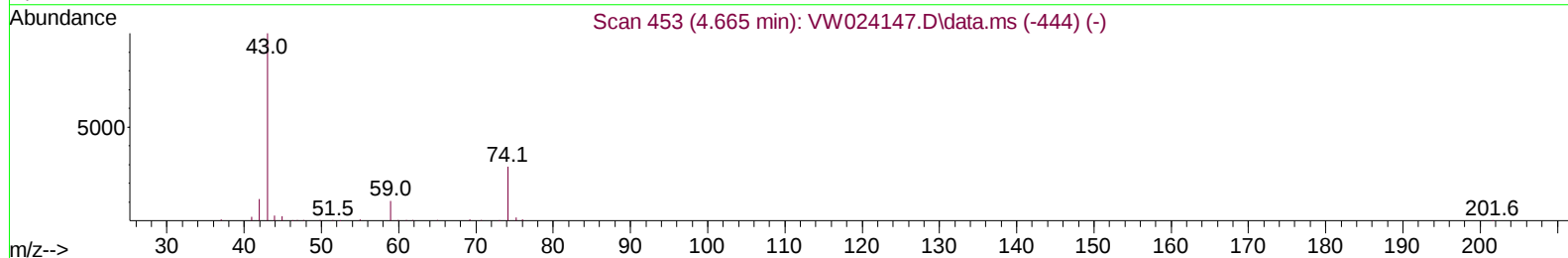
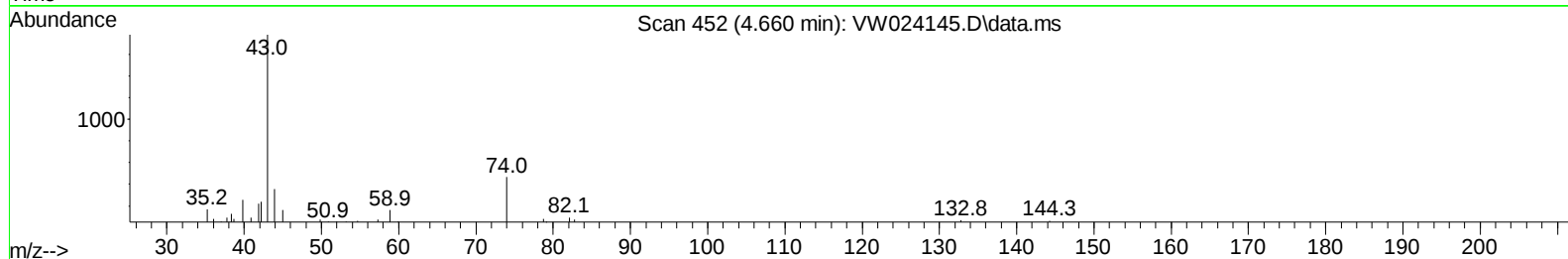
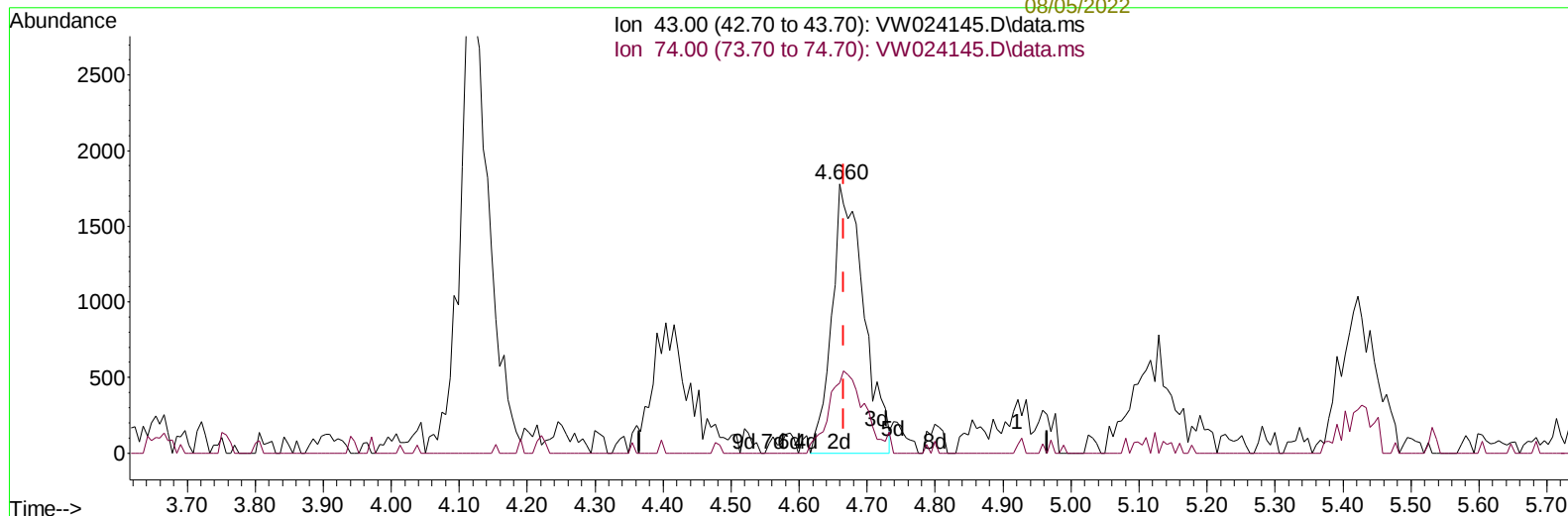
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TIC: VW024145.D\data.ms

(15) Methyl Acetate (T)

4.660min (-0.006) 2.85 ug/L m

response 5769

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 27.00  | 0.99#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

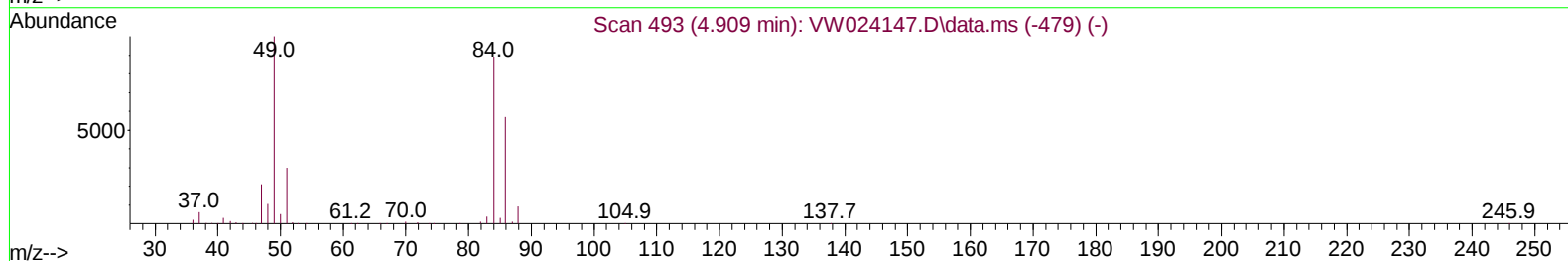
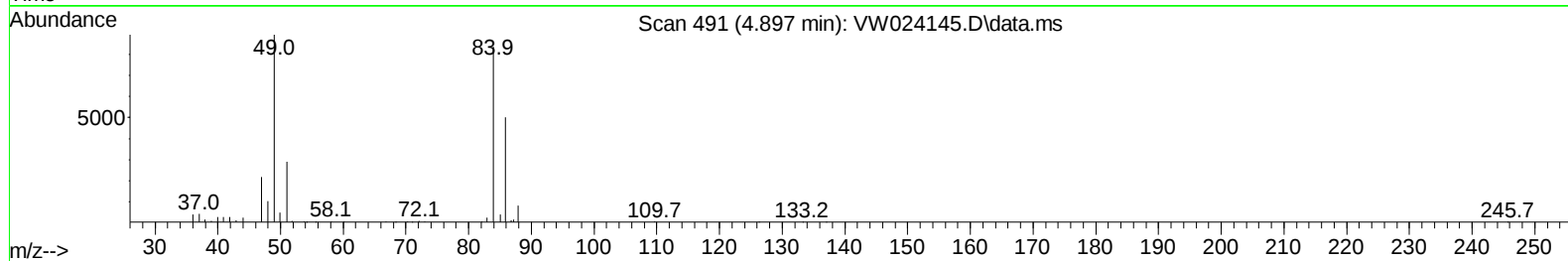
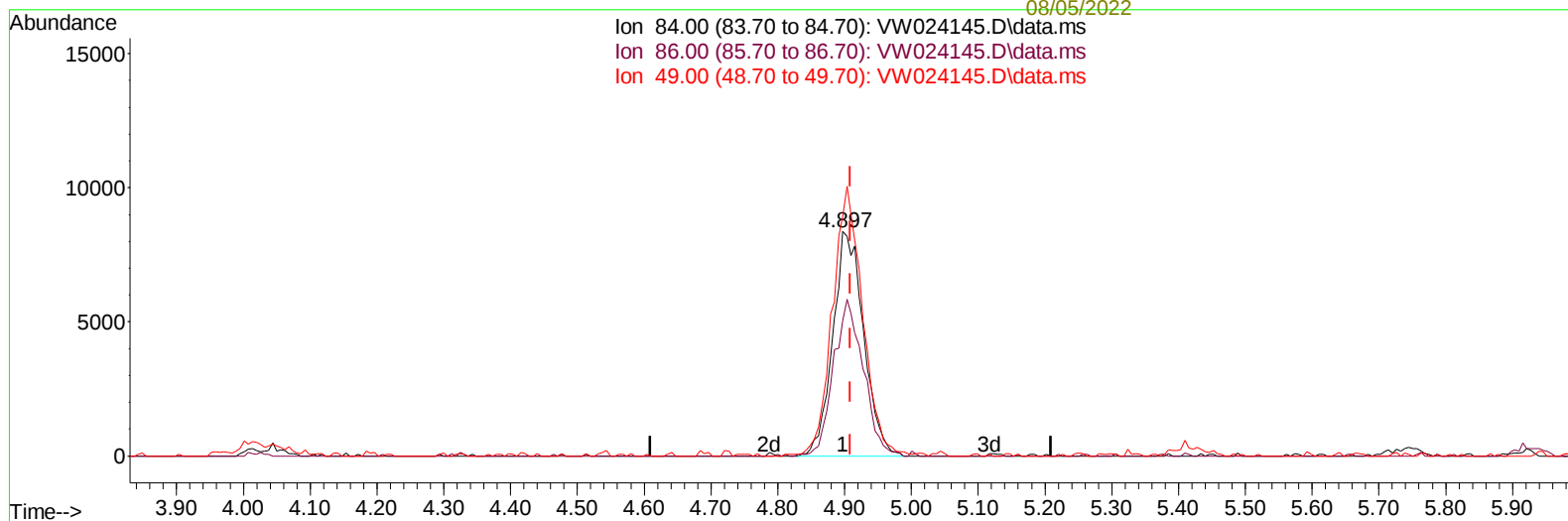
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Instrument :  
 MSVOA\_W  
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Manual IntegrationsAPPROVED

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TIC: VW024145.D\data.ms

**(16) Methylene chloride (T)**

**4.897min (-0.012) 4.12 ug/L**

**response 26824**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 63.90  | 60.07  |
| 49.00 | 112.30 | 106.66 |
| 0.00  | 0.00   | 0.00   |

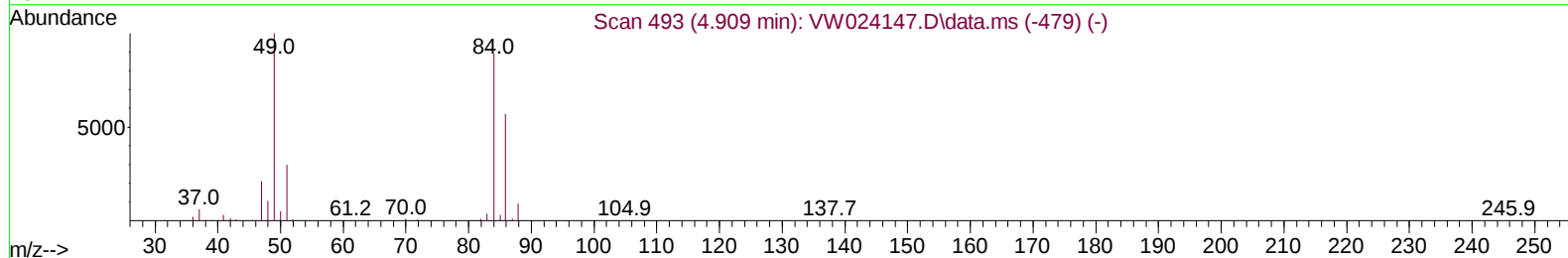
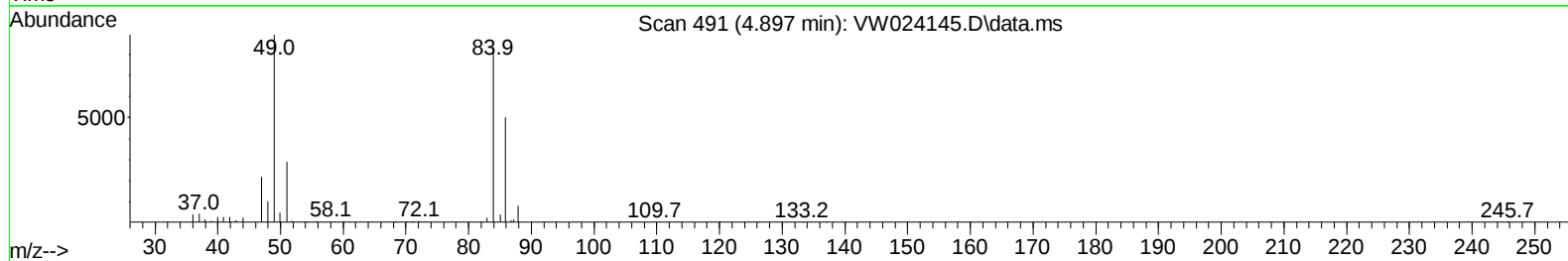
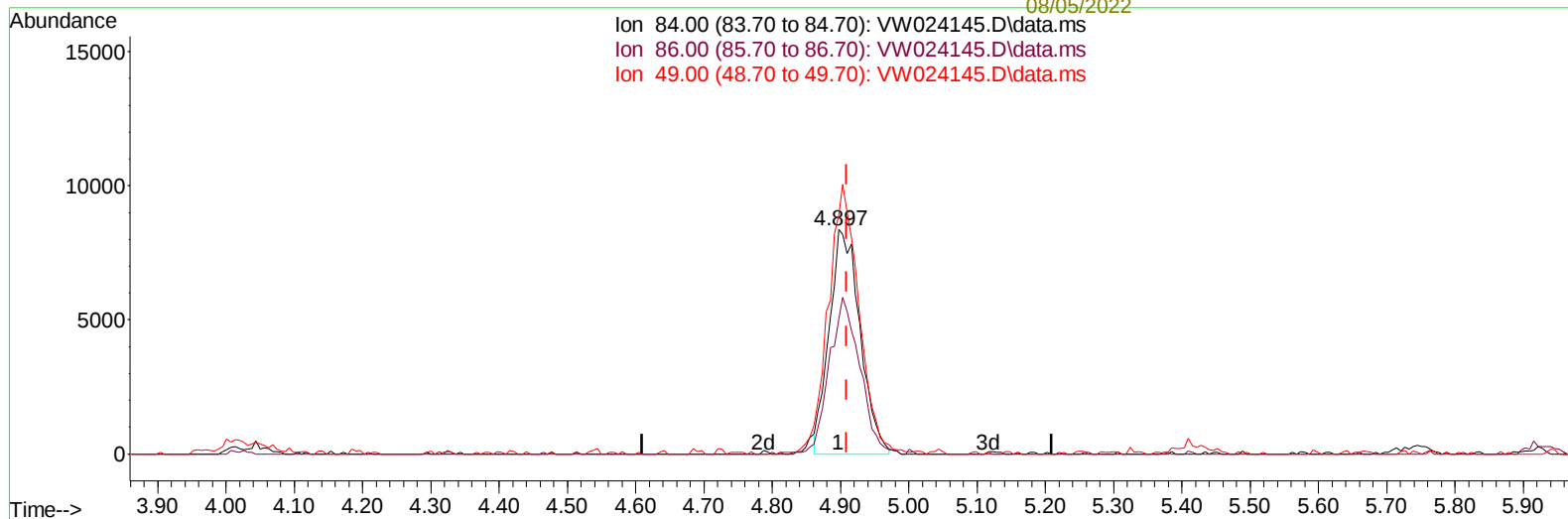
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Instrument :  
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Manual IntegrationsAPPROVED

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 08/05/2022



TIC: VW024145.D\data.ms

**(16) Methylene chloride (T)**

4.897min (-0.012) 4.01 ug/L m

response 26080

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 63.90  | 60.07  |
| 49.00 | 112.30 | 106.66 |
| 0.00  | 0.00   | 0.00   |

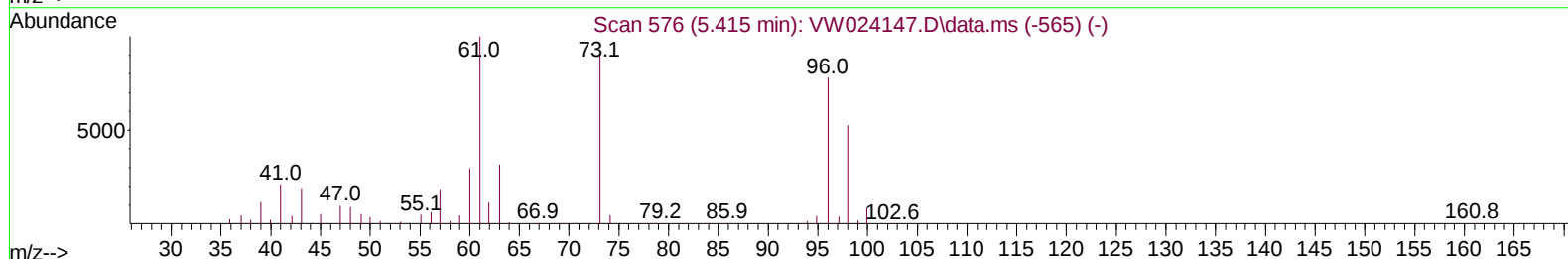
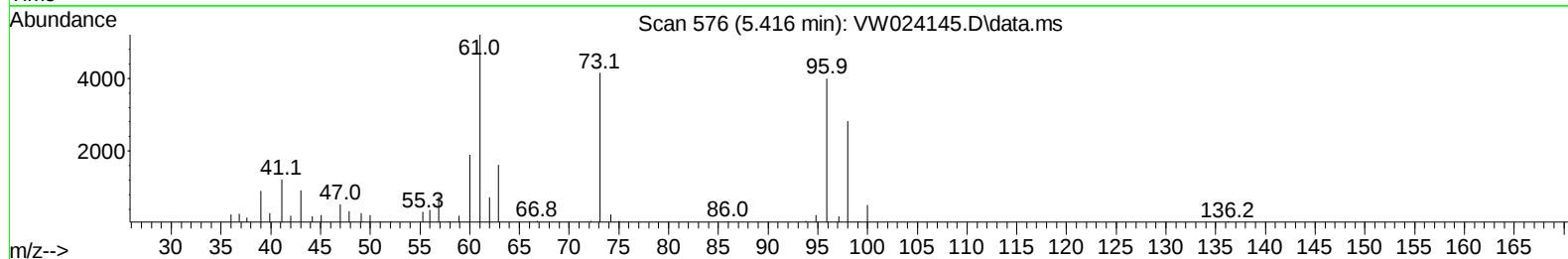
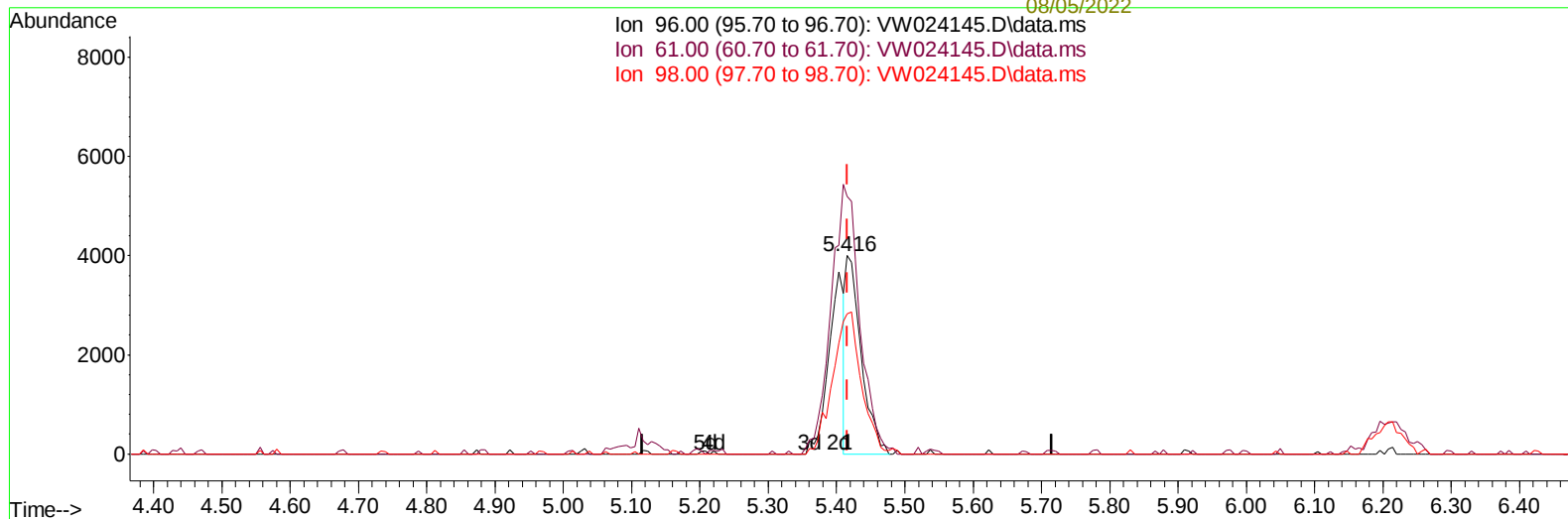
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Instrument :  
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ClientSampleId :  
VSTD2.5401

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TIC: VW024145.D\data.ms

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

5.416min (+ 0.000) 1.29 ug/L

response 6347

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 128.90 | 129.89 |
| 98.00 | 67.70  | 70.81  |
| 0.00  | 0.00   | 0.00   |

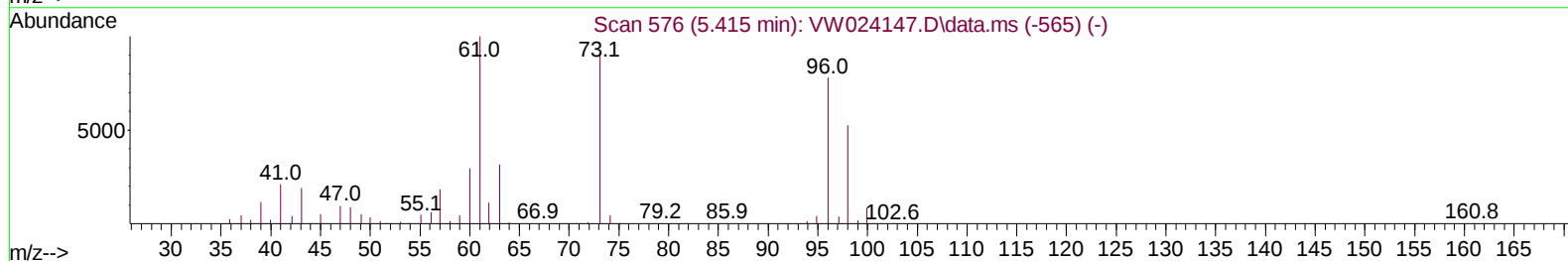
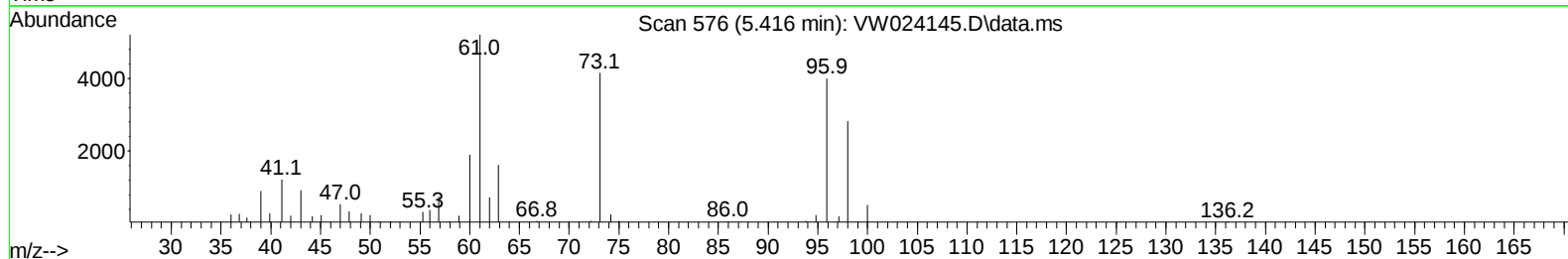
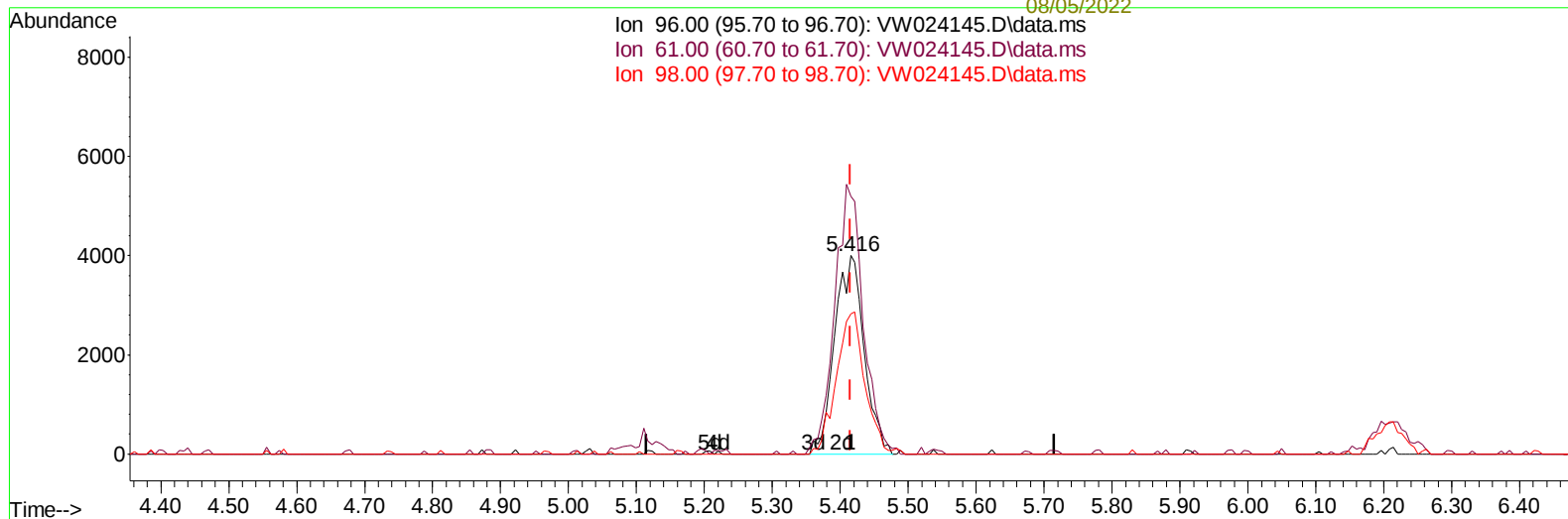
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Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD2.5401

## Manual IntegrationsAPPROVED

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TIC: VW024145.D\data.ms

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

5.416min (+ 0.000) 2.44 ug/L m

response 12041

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 128.90 | 129.89 |
| 98.00 | 67.70  | 70.81  |
| 0.00  | 0.00   | 0.00   |

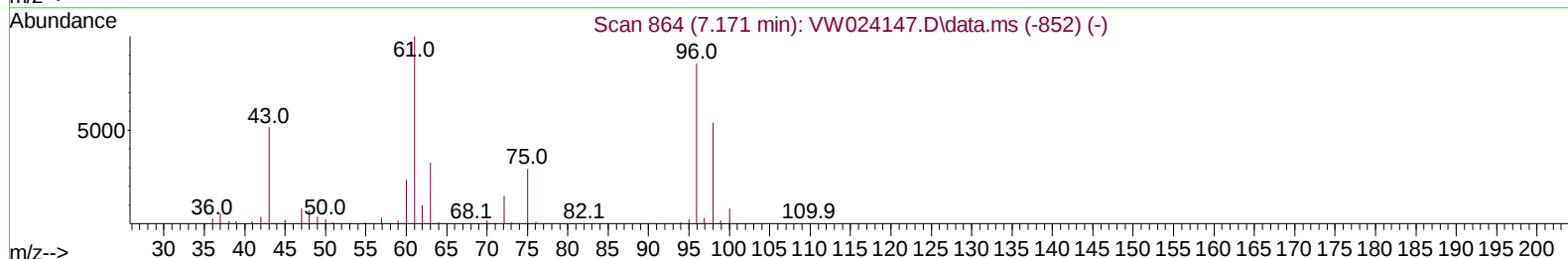
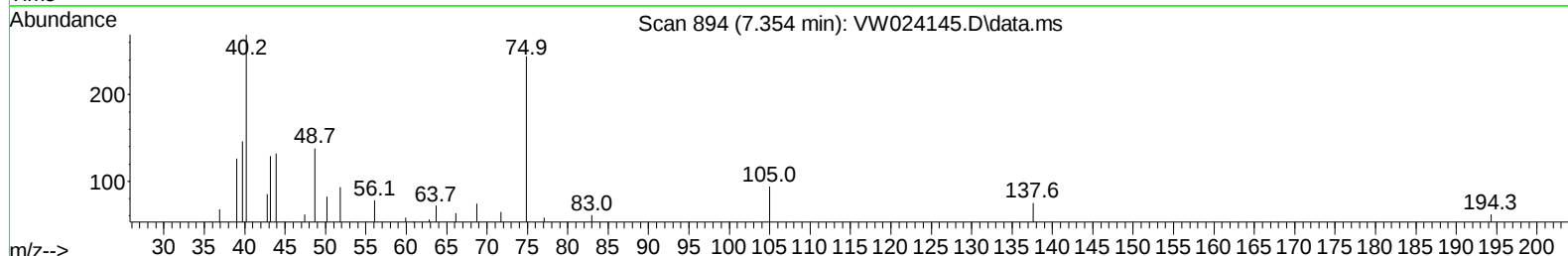
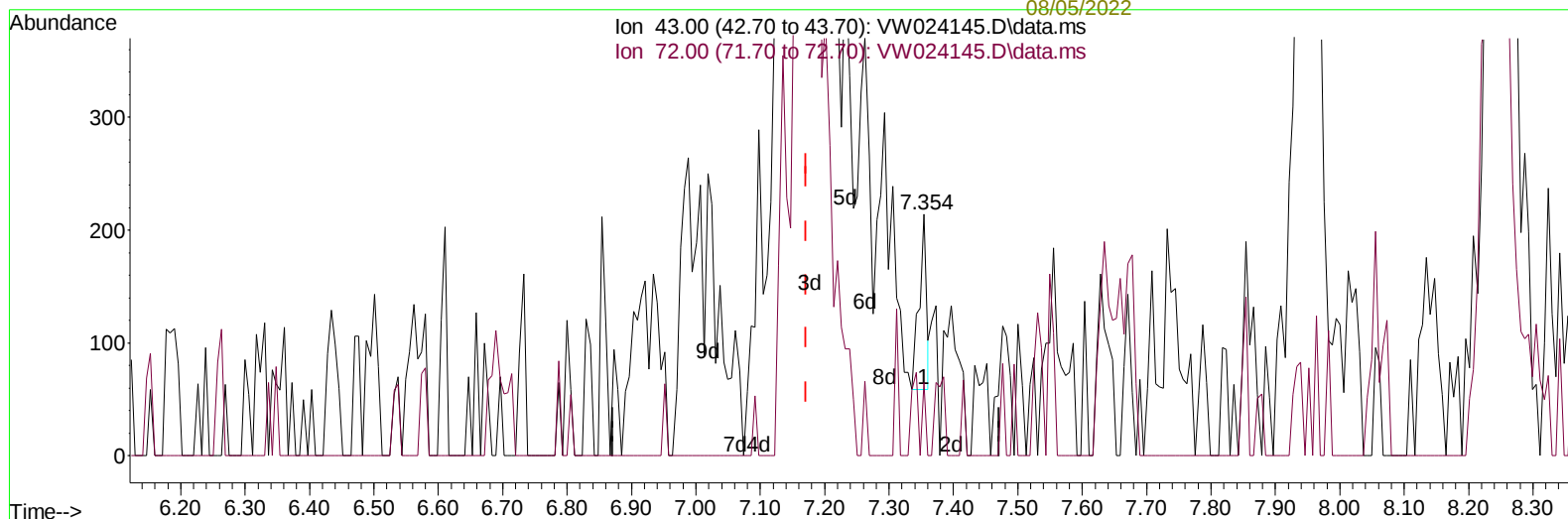
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TIC: VW024145.D\data.ms

(22) 2-Butanone (T)

7.354min (+ 0.183) 0.08 ug/L

response 123

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 29.20  | 39.02  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

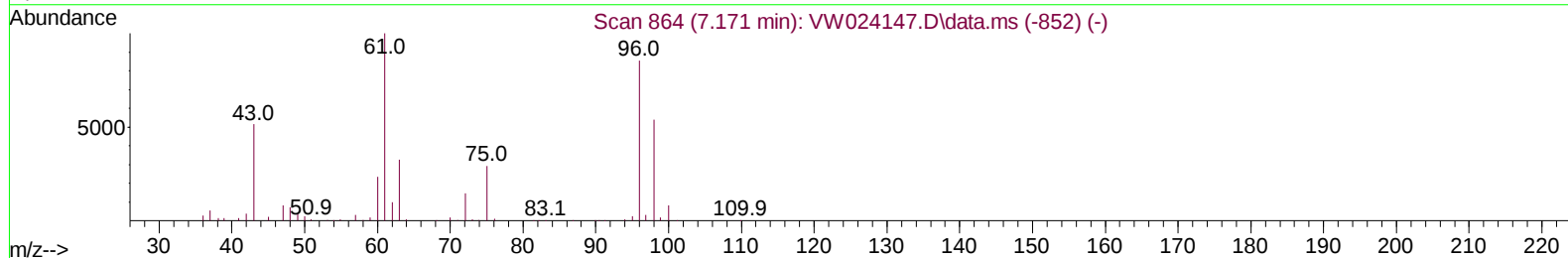
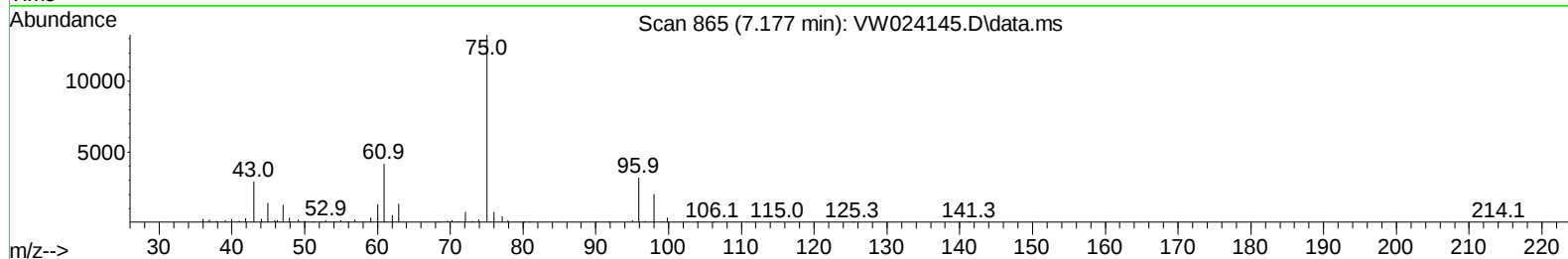
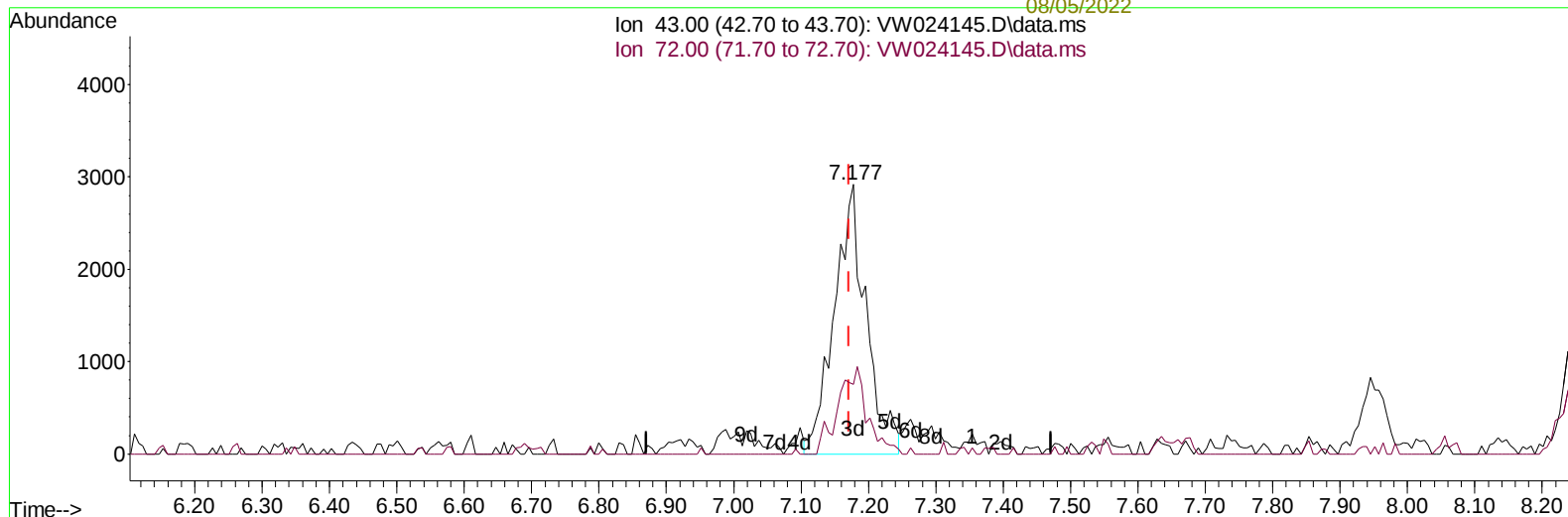
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TIC: VW024145.D\data.ms

(22) 2-Butanone (T)

7.177min (+ 0.006) 6.44 ug/L m

response 9574

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 29.20  | 0.50#  |
| 0.00  | 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        | 8.842  | 114  | 331740   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 312325   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 159967   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65   | 17706    | 3.152  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.873  | 69   | 9003     | 2.511  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63   | 20696    | 2.938  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 5688     | 4.782  | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.641  | 84   | 26933    | 2.874  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 14946    | 2.943  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.269  | 84   | 48741    | 2.947  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67   | 13904    | 2.847  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 42554    | 2.749  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79   | 6123     | 2.687  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 4059     | 4.359  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84   | 13138    | 2.667  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 15497    | 2.731  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.002  | 85   | 6684     | 2.477  | ug/L   | 89       |
| 3) Chloromethane              | 2.215  | 50   | 12250    | 2.314  | ug/L   | 98       |
| 5) Vinyl chloride             | 2.355  | 62   | 20649    | 2.561  | ug/L   | 91       |
| 6) Bromomethane               | 2.770  | 94   | 13104    | 2.759  | ug/L   | 94       |
| 8) Chloroethane               | 2.904  | 64   | 7041     | 2.036  | ug/L   | 86       |
| 9) Trichlorofluoromethane     | 3.245  | 101  | 13174    | 2.868  | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.044  | 101  | 13445    | 2.593  | ug/L # | 89       |
| 12) 1,1-Dichloroethene        | 4.026  | 96   | 11070    | 2.529  | ug/L   | 98       |
| 13) Acetone                   | 4.111  | 43   | 7302m    | 7.851  | ug/L   |          |
| 14) Carbon disulfide          | 4.367  | 76   | 38394    | 2.708  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.660  | 43   | 5769m    | 2.850  | ug/L   |          |
| 16) Methylene chloride        | 4.897  | 84   | 26080m   | 4.007  | ug/L   |          |
| 17) trans-1,2-Dichloroethene  | 5.416  | 96   | 12041m   | 2.445  | ug/L   |          |
| 18) Methyl tert-butyl Ether   | 5.422  | 73   | 14978    | 2.231  | ug/L # | 87       |
| 19) 1,1-Dichloroethane        | 6.208  | 63   | 21536    | 2.585  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96   | 12139    | 2.332  | ug/L # | 86       |
| 22) 2-Butanone                | 7.177  | 43   | 9574m    | 6.436  | ug/L   |          |
| 23) Bromochloromethane        | 7.507  | 128  | 6737     | 2.571  | ug/L   | 91       |
| 25) Chloroform                | 7.671  | 83   | 23360    | 2.518  | ug/L   | 93       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 16437    | 2.687  | ug/L   | 98       |
| 29) Cyclohexane               | 7.946  | 56   | 14388    | 2.175  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 19973    | 2.615  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 8.061  | 117  | 18528    | 2.588  | ug/L   | 95       |
| 33) Benzene                   | 8.317  | 78   | 51216    | 2.640  | ug/L   | 100      |
| 34) Trichloroethene           | 9.086  | 95   | 14007    | 2.698  | ug/L   | 91       |
| 35) Methylcyclohexane         | 9.336  | 83   | 18168    | 2.215  | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 12177    | 2.638  | ug/L # | 93       |
| 38) Bromodichloromethane      | 9.640  | 83   | 17255    | 2.616  | ug/L # | 95       |
| 39) cis-1,3-Dichloropropene   | 10.067 | 75   | 15954    | 2.285  | ug/L   | 90       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 14496    | 5.014  | ug/L   | 94       |
| 42) Toluene                   | 10.384 | 91   | 48219    | 2.328  | ug/L   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080322\  
 Data File : VW024145.D  
 Acq On : 03 Aug 2022 08:48  
 Operator : SY/VA  
 Sample : VSTD2.501  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5401

## Manual IntegrationsAPPROVED

Quant Time: Aug 04 00:44:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 04 00:42:54 2022  
 Response via : Initial Calibration

Reviewed By :Mahesh  
 Dadoda  
 08/05/2022  
 Supervised By :Semsettin  
 Yesilyurt  
 08/05/2022

| Compound                      | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|-------|--------|----------|
| 44) trans-1,3-Dichloropropene | 10.604 | 75  |     | 14987    | 2.346 | ug/L   | 95       |
| 45) 1,1,2-Trichloroethane     | 10.780 | 97  |     | 10322    | 2.616 | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.860 | 164 |     | 11676    | 2.669 | ug/L   | 89       |
| 48) 2-Hexanone                | 10.963 | 43  |     | 9428     | 4.731 | ug/L   | 94       |
| 49) Dibromochloromethane      | 11.122 | 129 |     | 11620    | 2.416 | ug/L   | 84       |
| 50) 1,2-Dibromoethane         | 11.232 | 107 |     | 10286    | 2.657 | ug/L   | 83       |
| 51) Chlorobenzene             | 11.652 | 112 |     | 37950    | 2.649 | ug/L   | 93       |
| 52) Ethylbenzene              | 11.725 | 91  |     | 50925    | 2.244 | ug/L   | 97       |
| 53) m,p-Xylene                | 11.835 | 106 |     | 18194    | 2.088 | ug/L   | 99       |
| 54) o-Xylene                  | 12.164 | 106 |     | 17122    | 2.055 | ug/L   | 99       |
| 55) Styrene                   | 12.177 | 104 |     | 28690    | 1.983 | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83  |     | 12669    | 2.639 | ug/L   | 97       |
| 59) Bromoform                 | 12.347 | 173 |     | 6173     | 2.460 | ug/L   | 95       |
| 60) Isopropylbenzene          | 12.463 | 105 |     | 43497    | 2.141 | ug/L # | 96       |
| 61) 1,2,3-Trichloropropane    | 12.762 | 75  |     | 9309     | 2.901 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 12.939 | 105 |     | 32137    | 1.932 | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105 |     | 31642    | 1.928 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146 |     | 25638    | 2.500 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146 |     | 28363    | 2.666 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146 |     | 23762    | 2.540 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75  |     | 2064     | 2.899 | ug/L # | 79       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180 |     | 15523    | 2.278 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180 |     | 11468    | 2.184 | ug/L   | 95       |
| 71) Naphthalene               | 15.359 | 128 |     | 18389    | 1.817 | ug/L # | 95       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180 |     | 11092    | 2.298 | ug/L   | 97       |

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

