

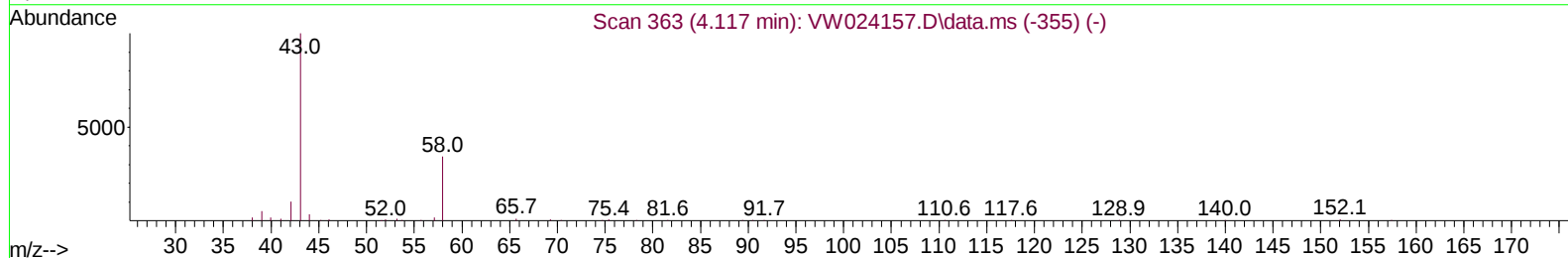
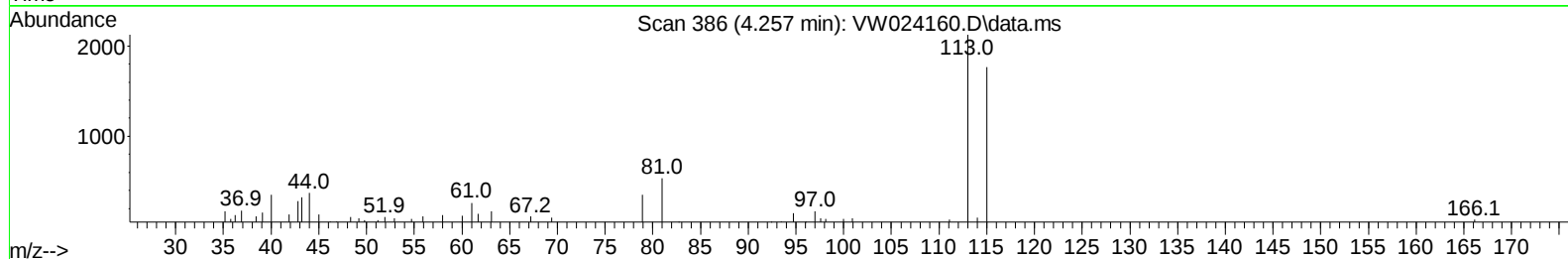
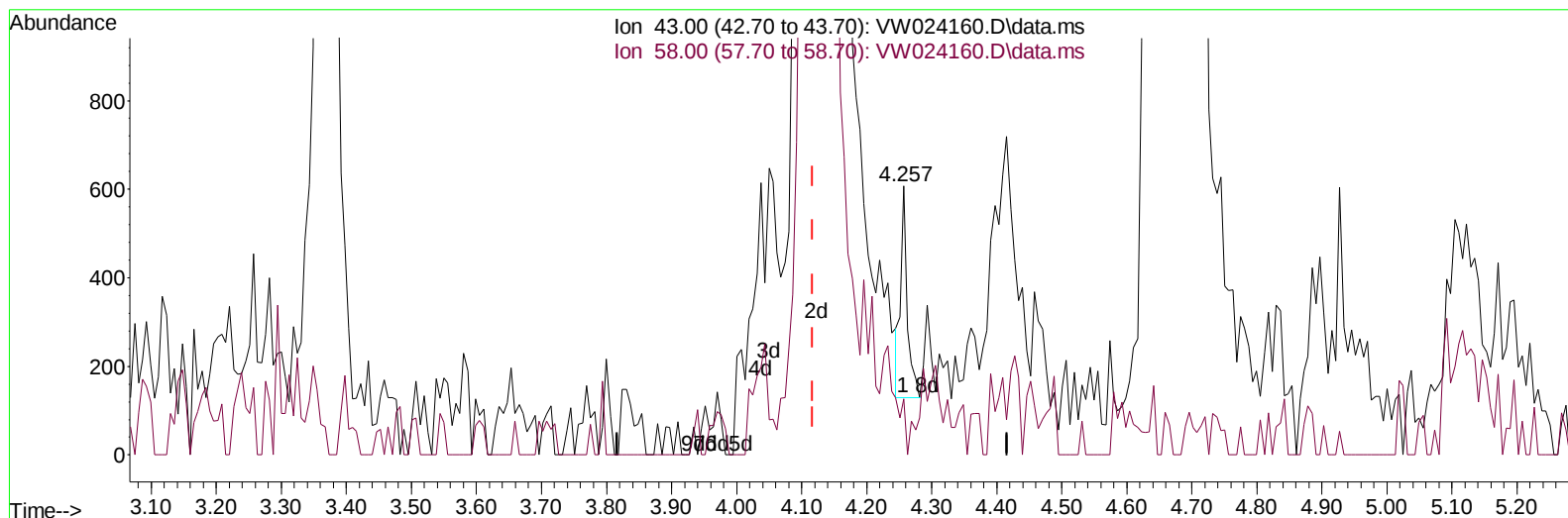
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080422\  
 Data File : VW024160.D  
 Acq On : 04 Aug 2022 11:48  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VICV412

Manual IntegrationsAPPROVED

Quant Time: Aug 05 00:51:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 05 00:43:21 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022



TIC: VW024160.D\data.ms

(13) Acetone (T)

4.257min (+ 0.140) 0.39 ug/L

response 339

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 15.90  | 13.57  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

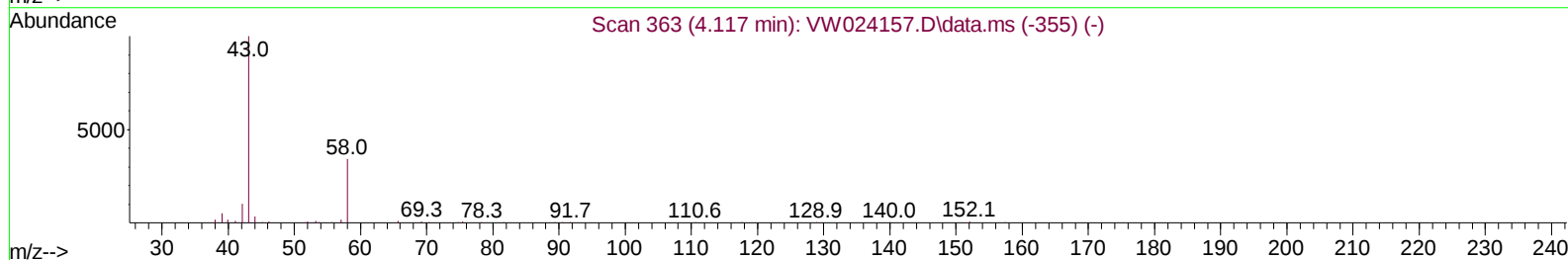
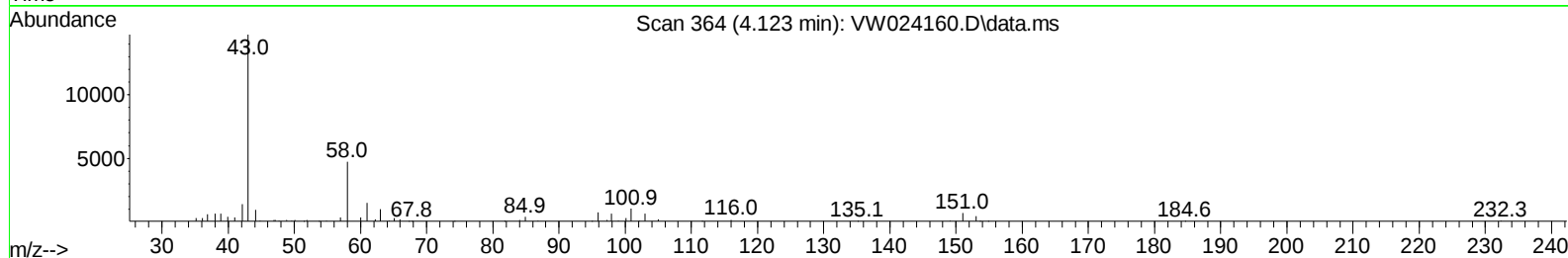
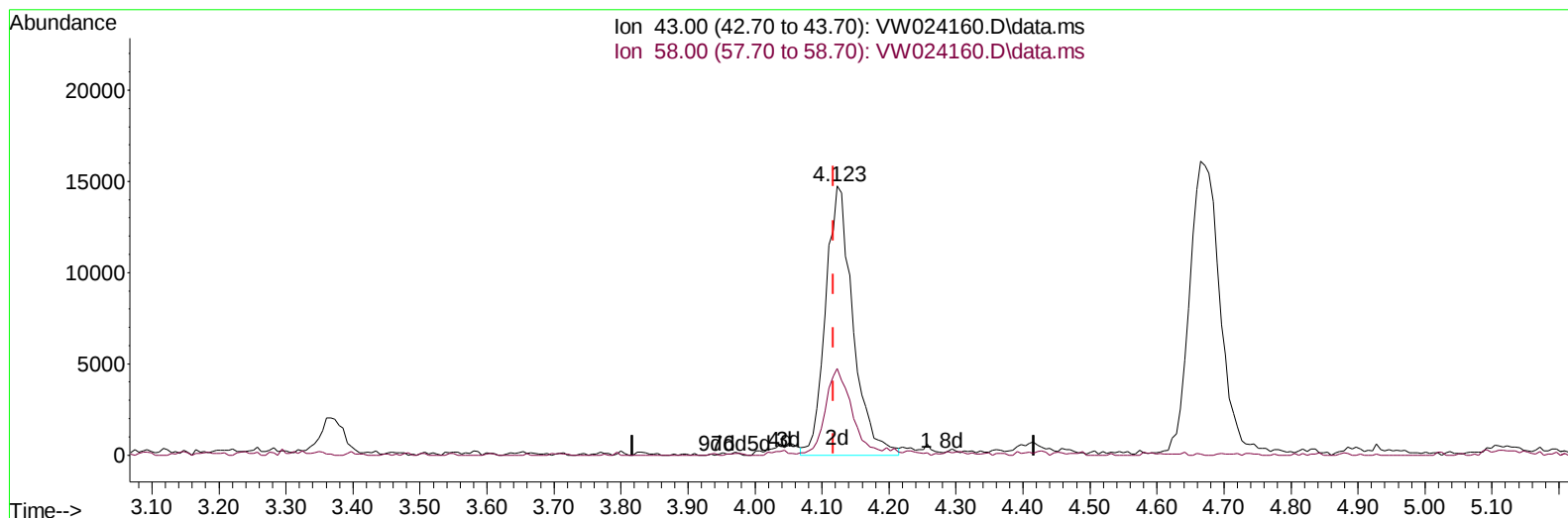
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TIC: VW024160.D\data.ms

**(13) Acetone (T)**

**4.123min (+ 0.006) 48.60 ug/L m**

**response 41811**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 15.90  | 0.11   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

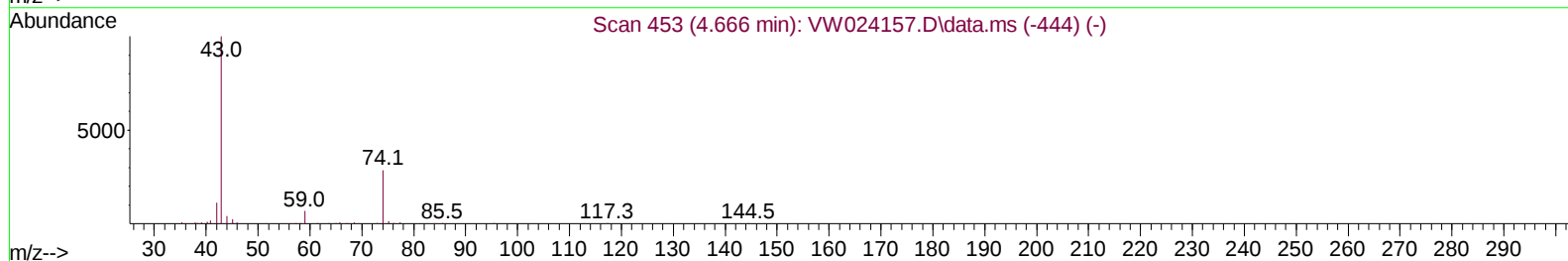
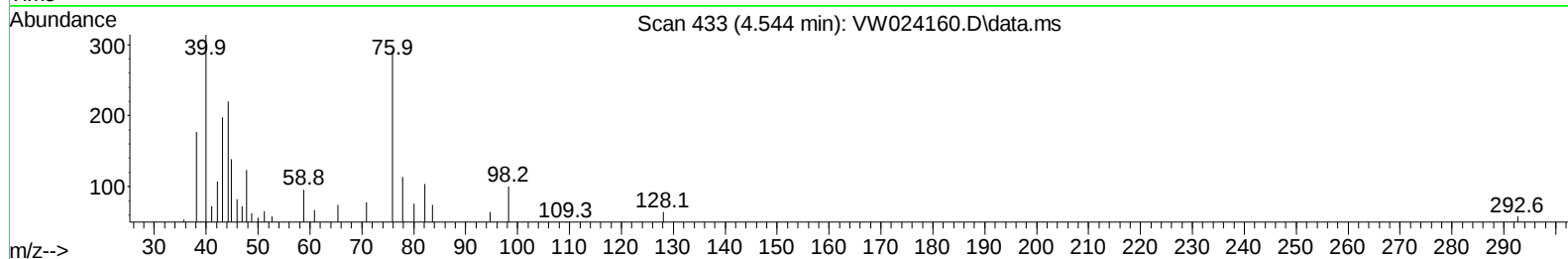
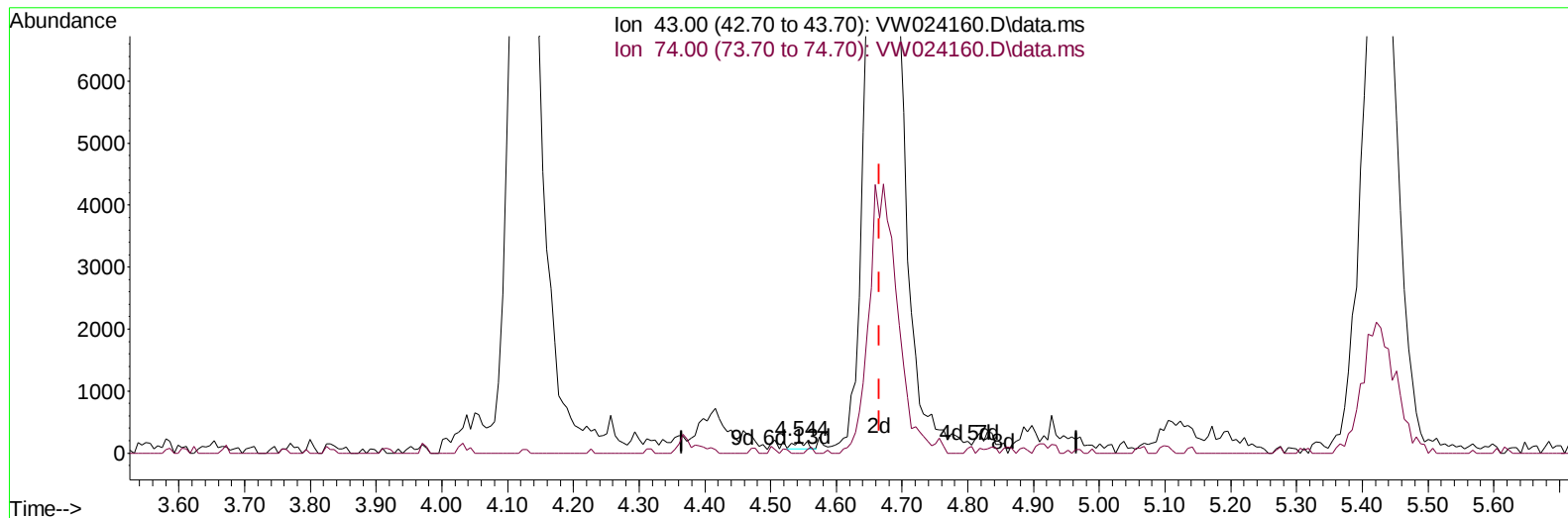
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080422\  
 Data File : VW024160.D  
 Acq On : 04 Aug 2022 11:48  
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VICV412

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022  
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TIC: VW024160.D\data.ms

## (15) Methyl Acetate (T)

4.544min (-0.122) 0.09 ug/L

response 166

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 26.90  | 27.11  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

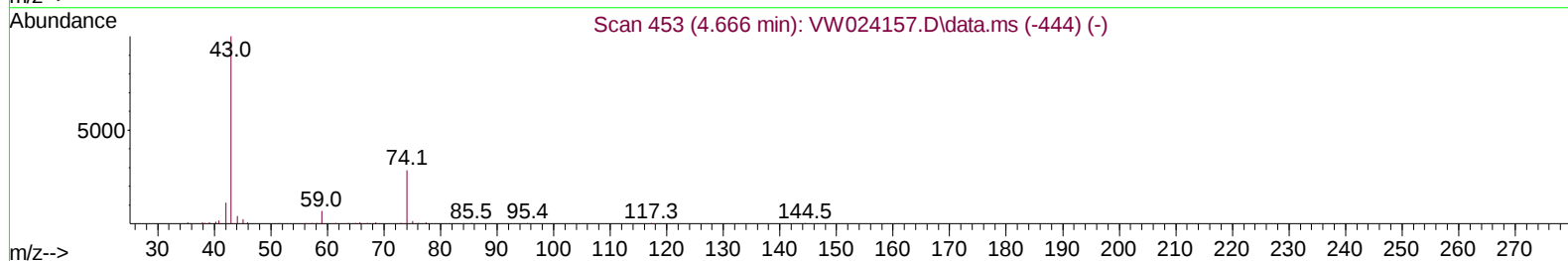
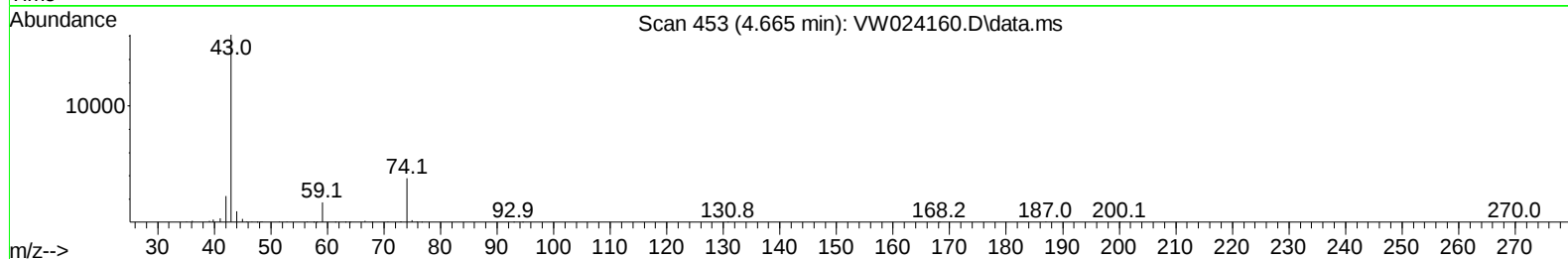
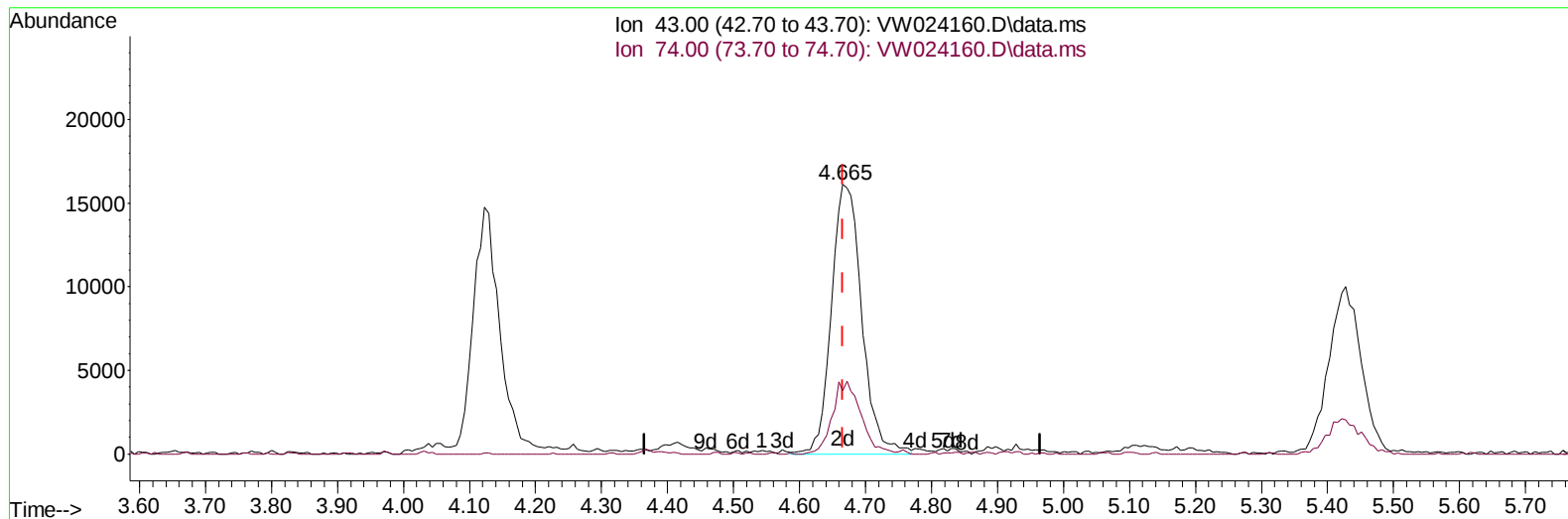
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Sample : VSTDICV025  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV412

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022  
Supervised By :Mahesh Dadoda 08/08/2022

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Quant Title : SFAM01.0  
QLast Update : Fri Aug 05 00:43:21 2022  
Response via : Initial Calibration



TIC: VW024160.D\data.ms

## (15) Methyl Acetate (T)

4.665min (-0.000) 26.57 ug/L m

response 51491

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 26.90  | 0.09#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080422\  
 Data File : VW024160.D  
 Acq On : 04 Aug 2022 11:48  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VICV412

Manual IntegrationsAPPROVED

Quant Time: Aug 05 00:51:18 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 05 00:43:21 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 300498   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 295011   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 168947   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 156832   | 24.969 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 99.880%  |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 92573    | 23.659 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 94.640%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 171527   | 23.962 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 95.840%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 60296    | 51.598 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 103.200% |          |
| 24) Chloroform-d              | 7.641    | 84    | 218788   | 24.063 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 96.240%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 120107   | 23.793 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 95.160%  |          |
| 32) Benzene-d6                | 8.268    | 84    | 419810   | 24.129 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 96.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 121934   | 23.736 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 94.960%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 396472   | 24.380 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 97.520%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 53731    | 23.880 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 95.520%  |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 50797    | 53.536 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 107.080% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 123013   | 24.682 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 98.720%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 149052   | 24.109 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 96.440%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 2.001    | 85    | 76490    | 28.933 | ug/L     | 100      |
| 3) Chloromethane              | 2.209    | 50    | 132821   | 26.788 | ug/L     | 98       |
| 5) Vinyl chloride             | 2.349    | 62    | 177700   | 25.746 | ug/L     | 97       |
| 6) Bromomethane               | 2.763    | 94    | 95179    | 24.051 | ug/L     | 94       |
| 8) Chloroethane               | 2.910    | 64    | 75565    | 24.994 | ug/L     | 98       |
| 9) Trichlorofluoromethane     | 3.245    | 101   | 73296    | 22.402 | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.050    | 101   | 111993   | 25.379 | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 4.025    | 96    | 89852    | 24.872 | ug/L     | 88       |
| 13) Acetone                   | 4.123    | 43    | 41811m   | 48.597 | ug/L     |          |
| 14) Carbon disulfide          | 4.379    | 76    | 299860   | 25.939 | ug/L     | 97       |
| 15) Methyl Acetate            | 4.665    | 43    | 51491m   | 26.571 | ug/L     |          |
| 16) Methylene chloride        | 4.903    | 84    | 110926   | 20.933 | ug/L     | 98       |
| 17) trans-1,2-Dichloroethene  | 5.421    | 96    | 105857   | 25.373 | ug/L     | 93       |
| 18) Methyl tert-butyl Ether   | 5.428    | 73    | 159637   | 26.834 | ug/L     | 100      |
| 19) 1,1-Dichloroethane        | 6.214    | 63    | 188503   | 25.650 | ug/L     | 98       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 119194   | 26.015 | ug/L #   | 97       |
| 22) 2-Butanone                | 7.171    | 43    | 69725    | 48.094 | ug/L     | 98       |
| 23) Bromochloromethane        | 7.519    | 128   | 59903    | 26.253 | ug/L #   | 89       |

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 Sample : VSTDICV025  
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VICV412

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022

Quant Time: Aug 05 00:51:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 05 00:43:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.671  | 83   | 208259   | 25.717 | ug/L   | 92       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 142803   | 26.207 | ug/L   | 97       |
| 29) Cyclohexane               | 7.951  | 56   | 162326   | 26.839 | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 168871   | 25.383 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 160686   | 25.602 | ug/L   | 98       |
| 33) Benzene                   | 8.317  | 78   | 448369   | 25.733 | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 115175   | 25.009 | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.329  | 83   | 188908   | 26.157 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 110881   | 25.744 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.640  | 83   | 153504   | 25.410 | ug/L   | 94       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 170320   | 26.879 | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 155651   | 54.451 | ug/L   | 100      |
| 42) Toluene                   | 10.384 | 91   | 496616   | 26.821 | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 154780   | 26.732 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 94734    | 26.095 | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 95092    | 25.505 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 109103   | 56.240 | ug/L   | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 116719   | 26.707 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 93183    | 26.791 | ug/L # | 96       |
| 51) Chlorobenzene             | 11.658 | 112  | 327740   | 25.907 | ug/L   | 93       |
| 52) Ethylbenzene              | 11.731 | 91   | 544542   | 26.843 | ug/L   | 96       |
| 53) m,p-Xylene                | 11.835 | 106  | 217162   | 27.501 | ug/L   | 97       |
| 54) o-Xylene                  | 12.164 | 106  | 204686   | 27.438 | ug/L   | 97       |
| 55) Styrene                   | 12.176 | 104  | 373397   | 28.779 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 121468   | 26.773 | ug/L   | 95       |
| 59) Bromoform                 | 12.347 | 173  | 66735    | 25.896 | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 554019   | 27.088 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 87563    | 26.043 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 475315   | 28.123 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 459888   | 27.629 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 265513   | 26.511 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 279144   | 26.322 | ug/L   | 91       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 243989   | 25.655 | ug/L   | 93       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 20483    | 26.075 | ug/L   | 86       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 180346   | 27.462 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 150766   | 28.667 | ug/L   | 96       |
| 71) Naphthalene               | 15.365 | 128  | 306742   | 29.944 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 134315   | 28.052 | ug/L   | 98       |

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

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