

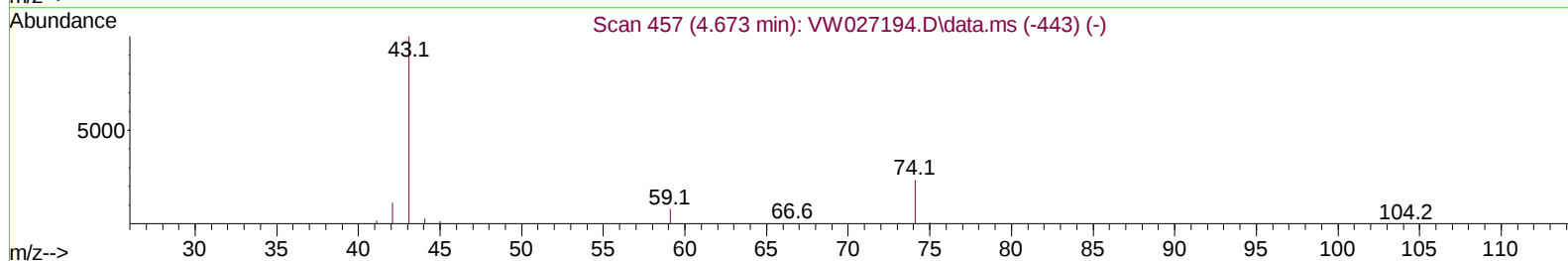
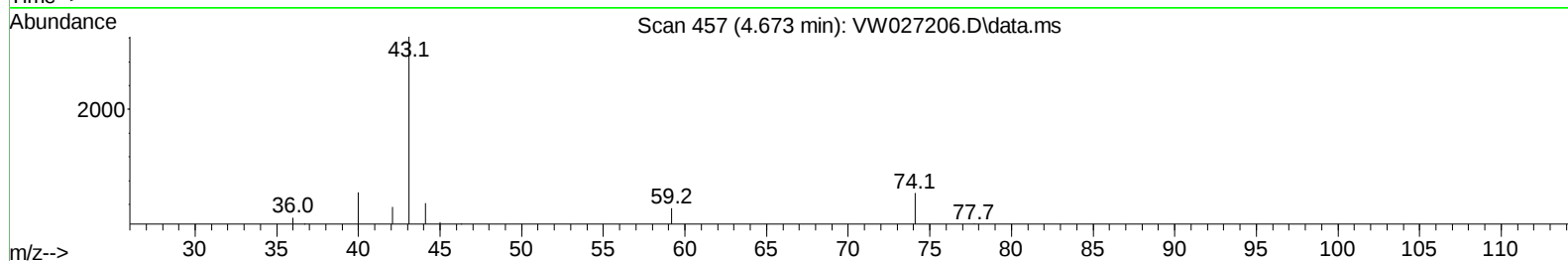
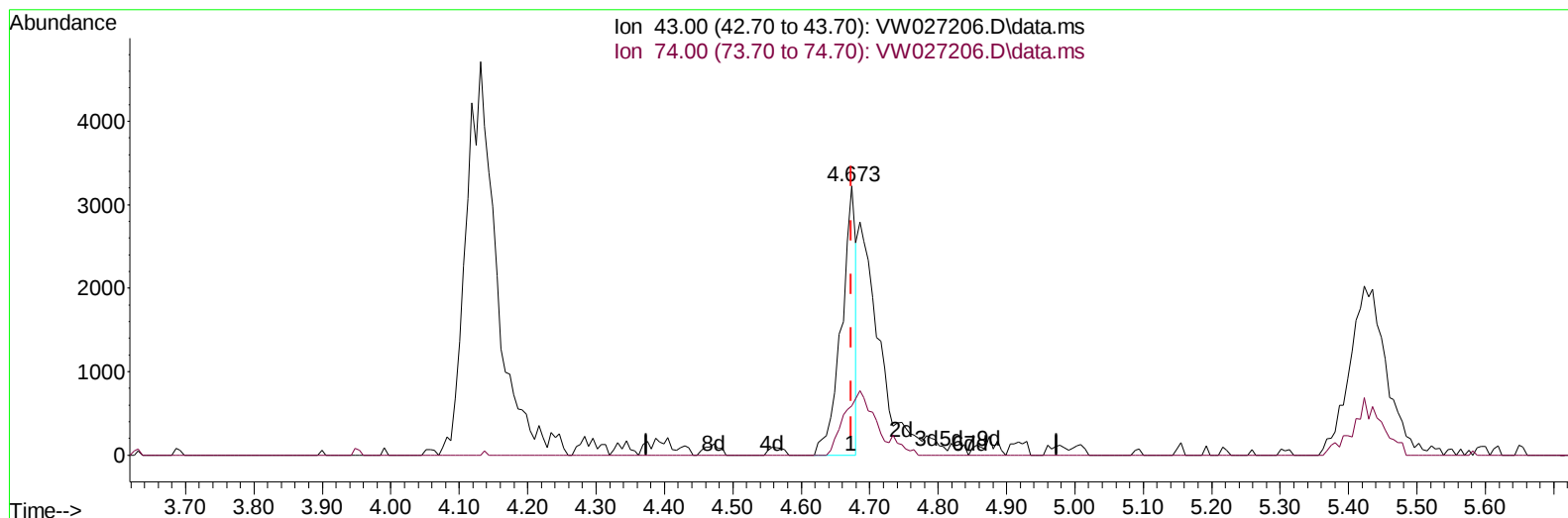
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100323\  
 Data File : VW027206.D  
 Acq On : 03 Oct 2023 17:07  
 Operator : SY/MD  
 Sample : 04707-03MSD  
 Misc : 5.41g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EY1A2MSD

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 10/04/2023  
 Supervised By :Mahesh Dadoda 10/04/2023

Quant Time: Oct 04 01:41:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 04 01:37:43 2023  
 Response via : Initial Calibration



TIC: VW027206.D\data.ms

## (15) Methyl Acetate (T)

4.673min (+ 0.000) 18.71 ug/L

response 4805

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 26.00  | 48.28# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

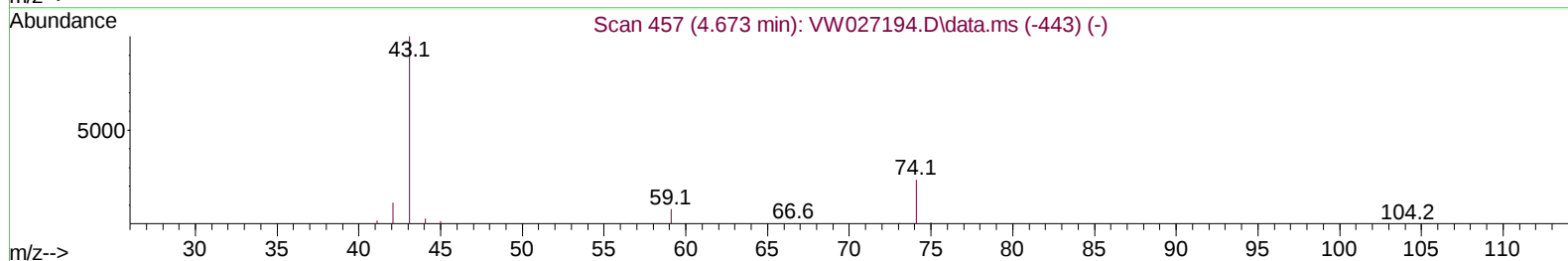
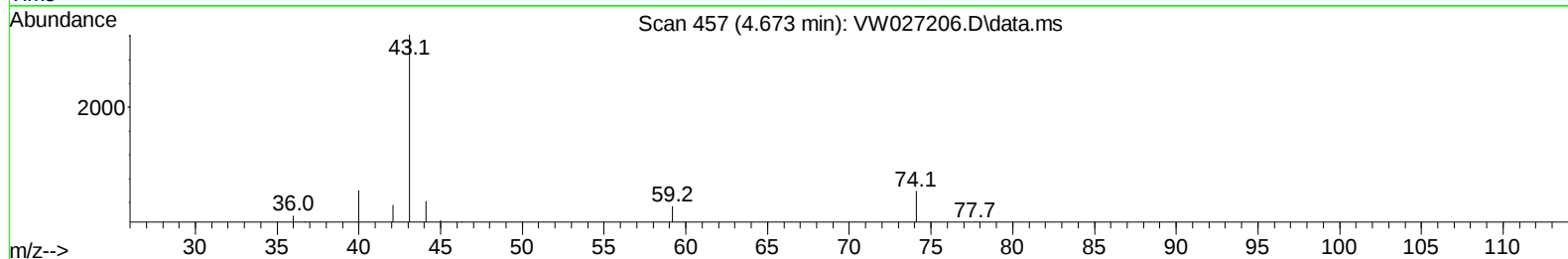
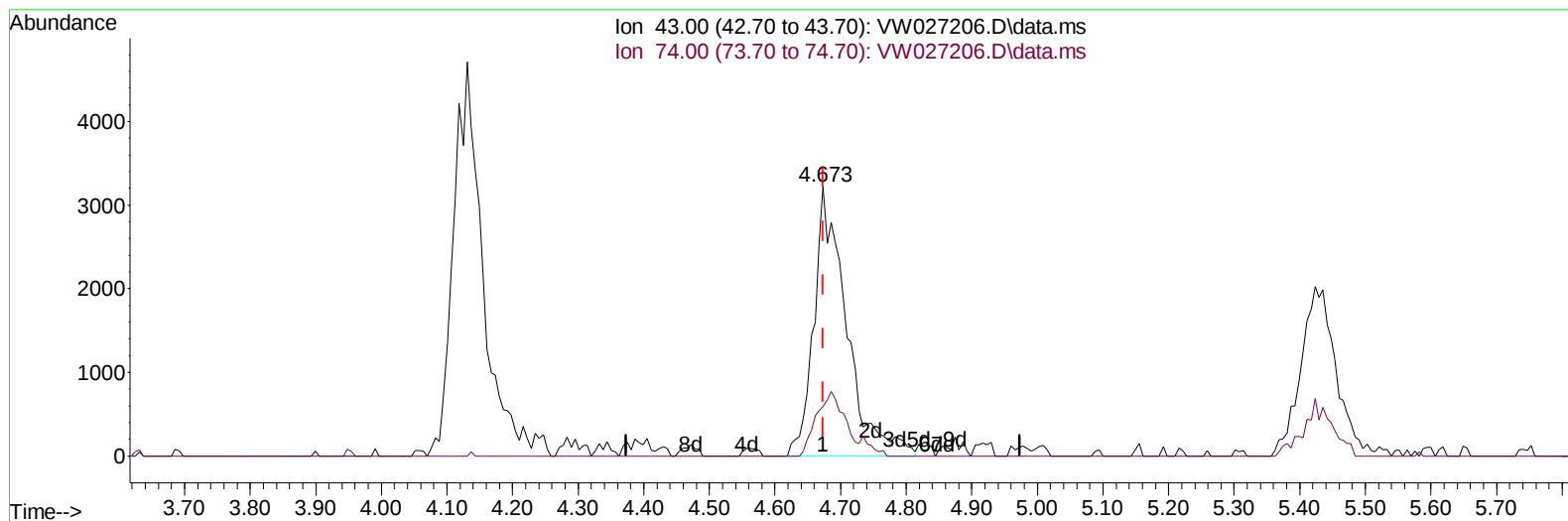
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 Quant Title : SFAM01.0  
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TIC: VW027206.D\data.ms

## (15) Methyl Acetate (T)

4.673min (+ 0.000) 43.08 ug/L m

response 11066

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 26.00  | 20.97  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

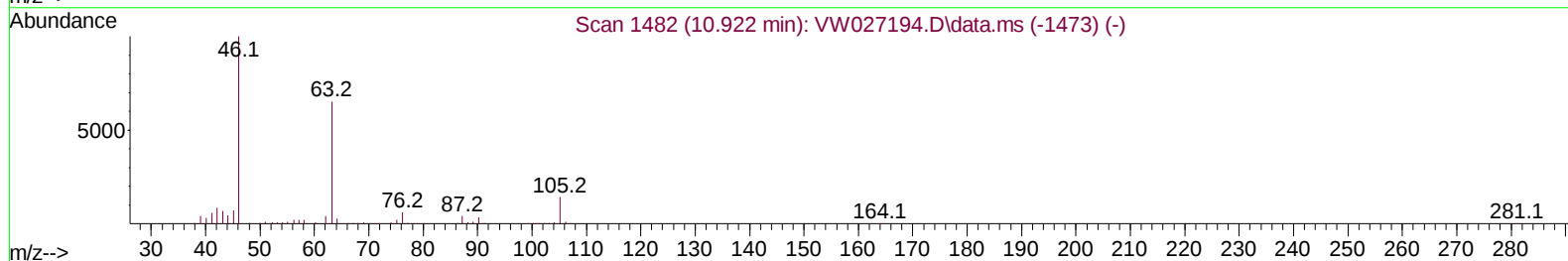
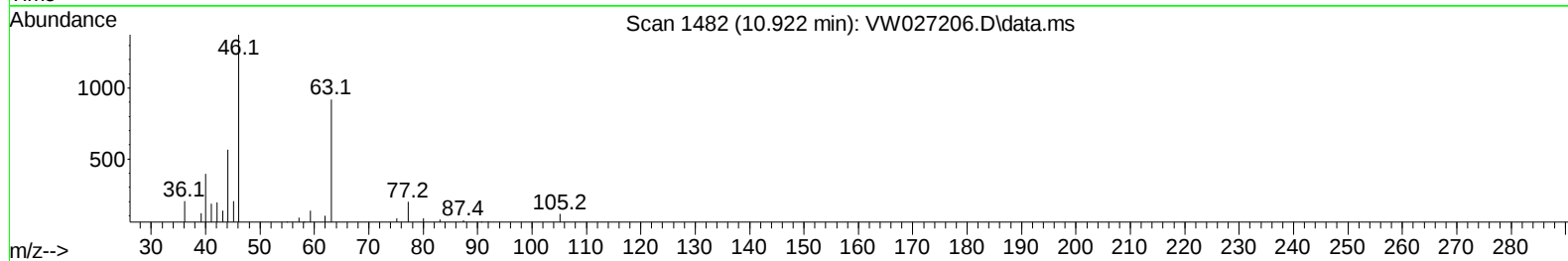
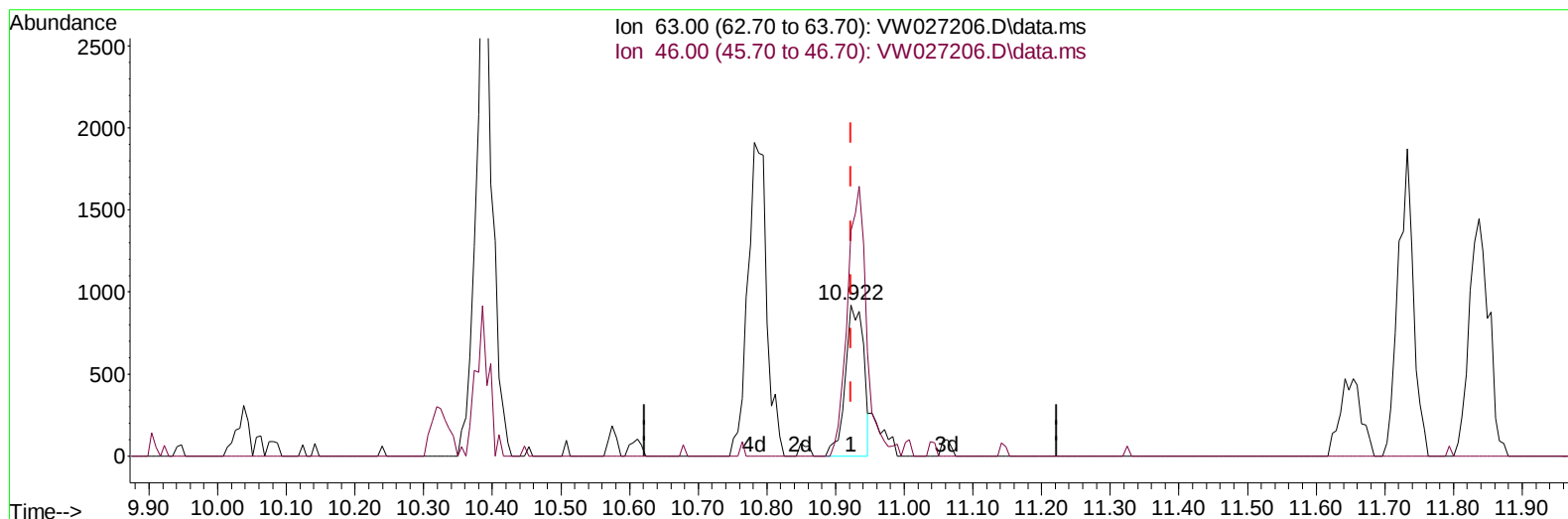
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100323\  
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 ClientSampleId :  
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 Quant Title : SFAM01.0  
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TIC: VW027206.D\data.ms

## (47) 2-Hexanone-d5 (S)

10.922min ( 0.000) 15.43 ug/L

response 1700

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 159.80 | 186.59 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

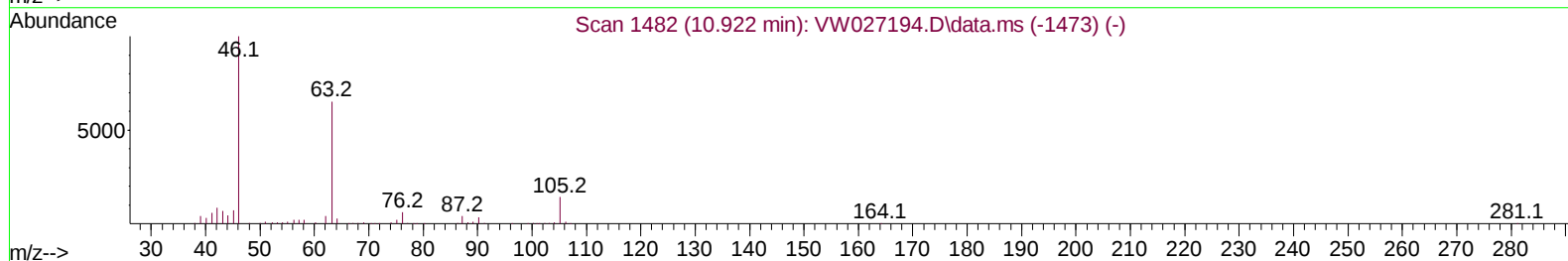
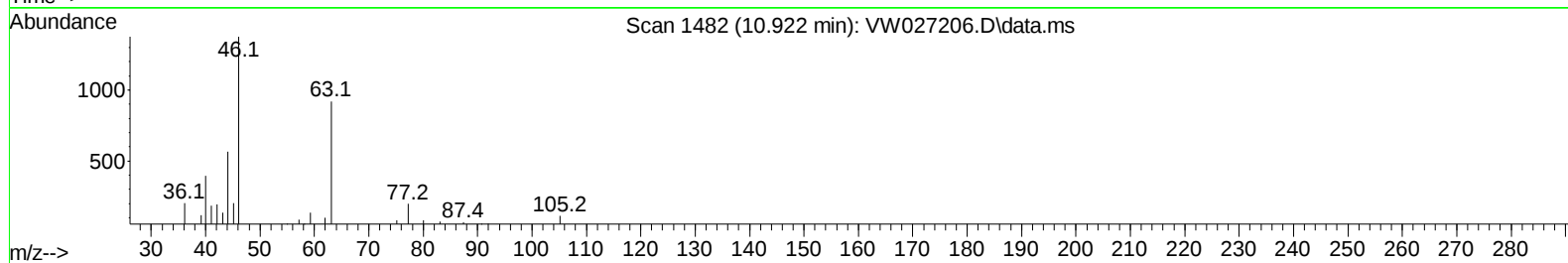
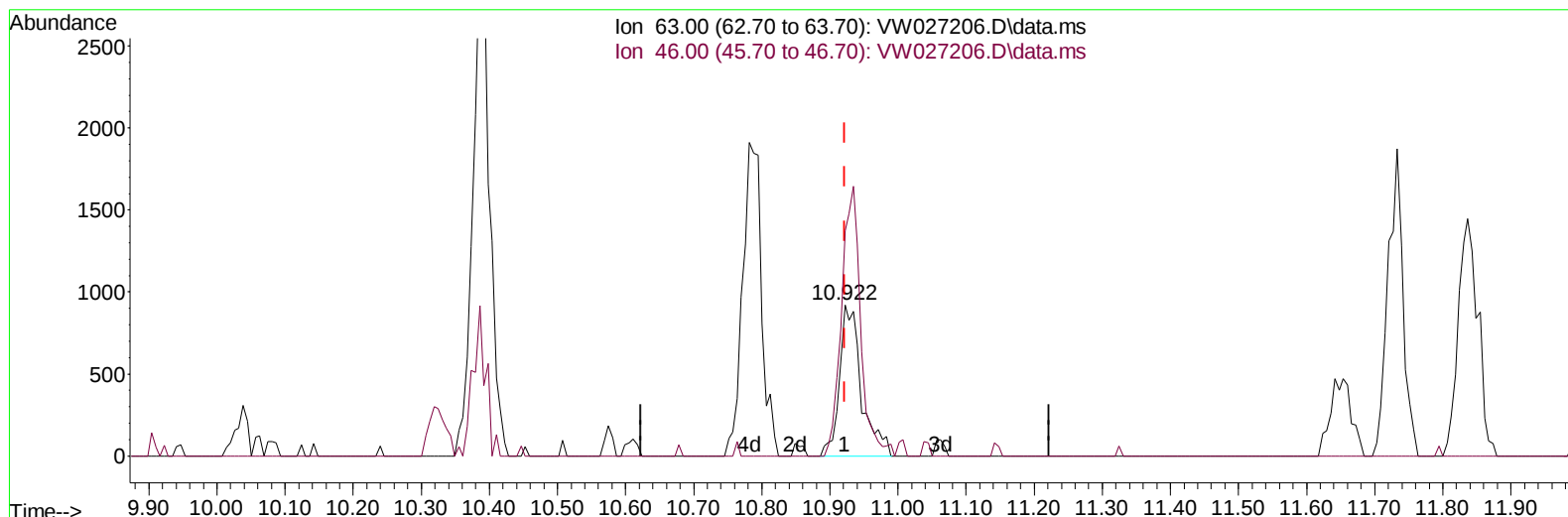
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 Data File : VW027206.D  
 Acq On : 03 Oct 2023 17:07  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

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TIC: VW027206.D\data.ms

## (47) 2-Hexanone-d5 (S)

10.922min ( 0.000) 18.68 ug/L m

response 2058

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 159.80 | 154.13 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

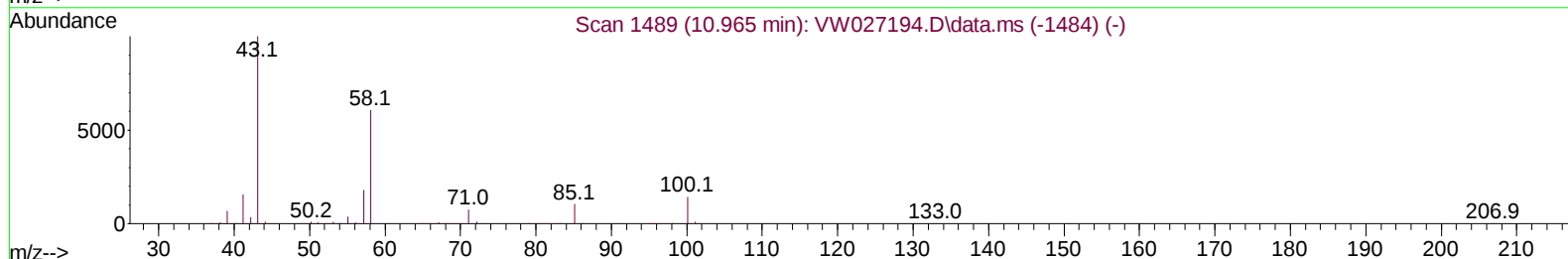
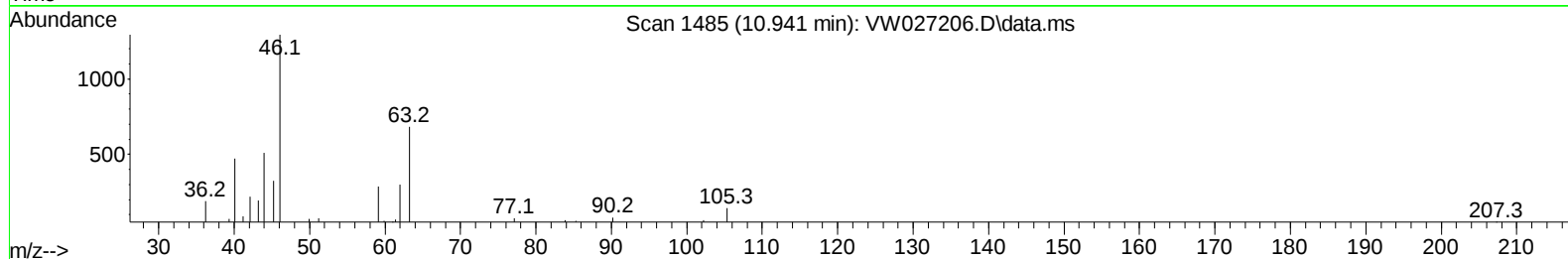
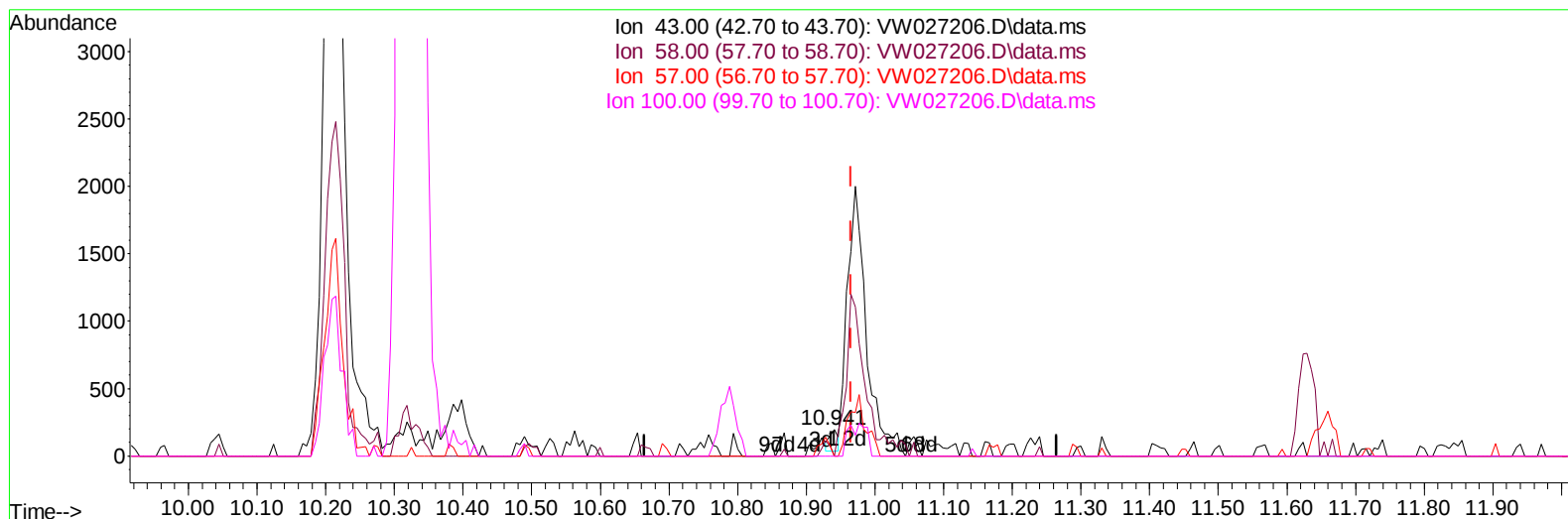
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 10/04/2023  
 Supervised By :Mahesh Dadoda 10/04/2023



TIC: VW027206.D\data.ms

(48) 2-Hexanone (T)

10.941min (-0.024) 0.51 ug/L

response 139

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 43.00  | 100.00 | 100.00   |
| 58.00  | 59.00  | 1482.73# |
| 57.00  | 19.90  | 0.00#    |
| 100.00 | 13.00  | 149.64#  |

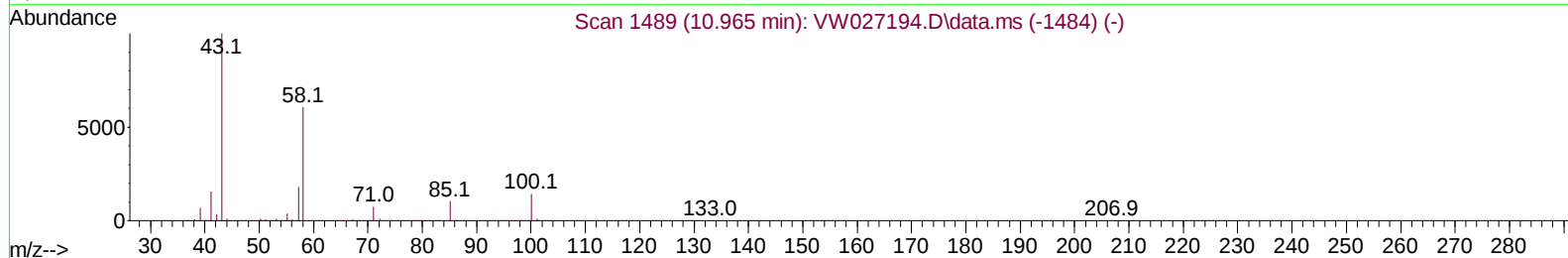
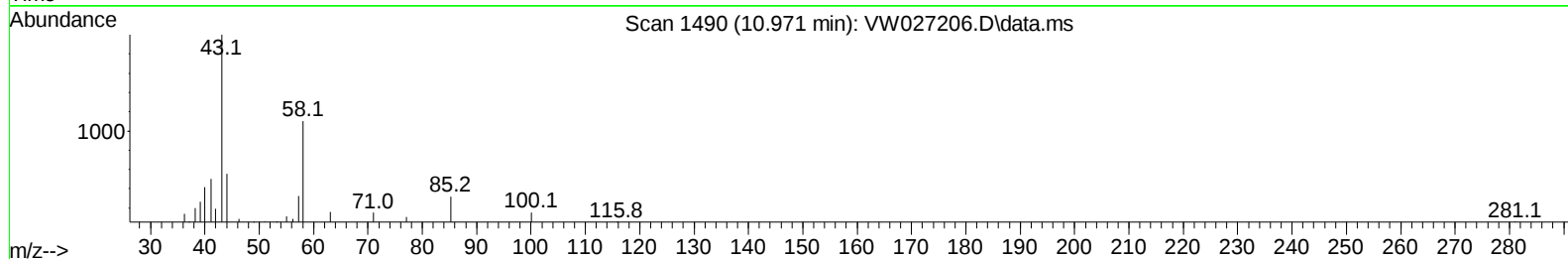
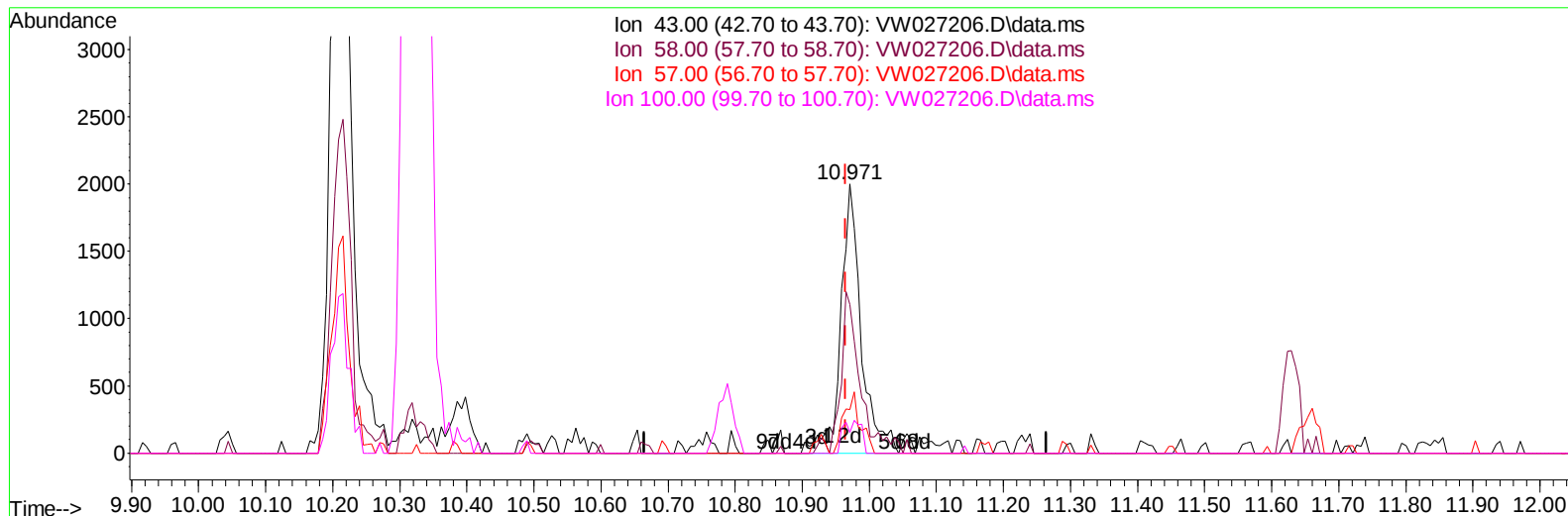
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EY1A2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 04 01:41:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 04 01:37:43 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/04/2023  
 Supervised By :Mahesh Dadoda 10/04/2023



TIC: VW027206.D\data.ms

**(48) 2-Hexanone (T)**

**10.971min (+ 0.006) 15.63 ug/L m**

**response 4250**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.00  | 100.00 | 100.00 |
| 58.00  | 59.00  | 48.49  |
| 57.00  | 19.90  | 0.00#  |
| 100.00 | 13.00  | 4.89#  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\Vw100323\  
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
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 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/04/2023  
 Supervised By :Mahesh Dadoda 10/04/2023

| Compound                      | R.T.     | QIon  | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|-----------|----------|
| -----                         |          |       |          |        |           |          |
| Internal Standards            |          |       |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 38186    | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 39255    | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 21226    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.357    | 65    | 16737    | 27.897 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 111.600%  |          |
| 7) Chloroethane-d5            | 2.893    | 69    | 17390    | 36.674 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 146.680%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    | 7564     | 30.345 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 121.360%# |          |
| 21) 2-Butanone-d5             | 7.088    | 46    | 8086     | 65.194 | ug/L      | 0.01     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 130.380%  |          |
| 24) Chloroform-d              | 7.655    | 84    | 37793    | 33.817 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 135.280%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.313    | 65    | 22047    | 41.164 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 164.640%# |          |
| 32) Benzene-d6                | 8.276    | 84    | 72289    | 30.048 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 120.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    | 25118    | 34.874 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 139.480%# |          |
| 41) Toluene-d8                | 10.325   | 98    | 57480    | 27.075 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 108.320%  |          |
| 43) trans-1,3-Dichloroprop... | 10.581   | 79    | 9354     | 33.094 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 132.360%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 2058m    | 18.679 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 37.360%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 23143    | 41.986 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 167.960%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   | 20474    | 28.768 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 115.080%  |          |
| Target Compounds              |          |       |          |        |           |          |
|                               |          |       |          |        | Qvalue    |          |
| 2) Dichlorodifluoromethane    | 2.009    | 85    | 16638    | 33.532 | ug/L #    | 85       |
| 3) Chloromethane              | 2.217    | 50    | 17426    | 26.018 | ug/L      | 98       |
| 5) Vinyl chloride             | 2.363    | 62    | 18435    | 25.210 | ug/L      | 97       |
| 6) Bromomethane               | 2.790    | 94    | 14316    | 29.716 | ug/L      | 88       |
| 8) Chloroethane               | 2.930    | 64    | 12836    | 28.923 | ug/L      | 94       |
| 9) Trichlorofluoromethane     | 3.277    | 101   | 27545    | 44.819 | ug/L      | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076    | 101   | 16686    | 26.984 | ug/L #    | 48       |
| 12) 1,1-Dichloroethene        | 4.045    | 96    | 14493    | 24.533 | ug/L      | 84       |
| 13) Acetone                   | 4.131    | 43    | 13926    | 90.863 | ug/L      | 98       |
| 14) Carbon disulfide          | 4.393    | 76    | 46762    | 23.584 | ug/L      | 97       |
| 15) Methyl Acetate            | 4.673    | 43    | 11066m   | 43.078 | ug/L      |          |
| 16) Methylene chloride        | 4.929    | 84    | 26579    | 35.556 | ug/L      | 96       |
| 17) trans-1,2-Dichloroethene  | 5.442    | 96    | 15814    | 24.879 | ug/L      | 90       |
| 18) Methyl tert-butyl Ether   | 5.429    | 73    | 39020    | 49.055 | ug/L #    | 84       |
| 19) 1,1-Dichloroethane        | 6.222    | 63    | 32892    | 27.748 | ug/L      | 99       |
| 20) cis-1,2-Dichloroethene    | 7.173    | 96    | 18452    | 27.233 | ug/L      | 94       |
| 22) 2-Butanone                | 7.185    | 43    | 12299    | 64.885 | ug/L      | 76       |
| 23) Bromochloromethane        | 7.514    | 128   | 10047    | 32.496 | ug/L      | 88       |

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 Quant Title : SFAM01.0  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 7.679  | 83   | 35125    | 30.381 | ug/L  | 90       |
| 27) 1,2-Dichloroethane        | 8.404  | 62   | 24459    | 34.535 | ug/L  | 100      |
| 29) Cyclohexane               | 7.959  | 56   | 20625    | 19.749 | ug/L  | 97       |
| 30) 1,1,1-Trichloroethane     | 7.880  | 97   | 28127    | 28.824 | ug/L  | 97       |
| 31) Carbon tetrachloride      | 8.075  | 117  | 22806    | 24.744 | ug/L  | 94       |
| 33) Benzene                   | 8.325  | 78   | 72478    | 26.123 | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 17530    | 24.195 | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.337  | 83   | 22296    | 18.296 | ug/L  | 93       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 21005    | 29.382 | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.648  | 83   | 25408    | 29.592 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 26176    | 24.850 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 11868    | 34.219 | ug/L  | 99       |
| 42) Toluene                   | 10.386 | 91   | 66612    | 23.378 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 23146    | 26.811 | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 17737    | 34.284 | ug/L  | 94       |
| 46) Tetrachloroethene         | 10.861 | 164  | 22925    | 40.251 | ug/L  | 93       |
| 48) 2-Hexanone                | 10.971 | 43   | 4250m    | 15.631 | ug/L  |          |
| 49) Dibromochloromethane      | 11.123 | 129  | 16825    | 29.987 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 15256    | 31.778 | ug/L  | 96       |
| 51) Chlorobenzene             | 11.654 | 112  | 45449    | 24.037 | ug/L  | 96       |
| 52) Ethylbenzene              | 11.727 | 91   | 64194    | 20.055 | ug/L  | 95       |
| 53) m,p-Xylene                | 11.837 | 106  | 24994    | 20.364 | ug/L  | 98       |
| 54) o-Xylene                  | 12.166 | 106  | 24673    | 21.519 | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 40507    | 20.524 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 21023    | 33.878 | ug/L  | 97       |
| 59) Bromoform                 | 12.349 | 173  | 10759    | 32.099 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.459 | 105  | 63956    | 20.462 | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.770 | 75   | 14686    | 33.795 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 48237    | 19.684 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 46487    | 19.358 | ug/L  | 97       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 33548    | 23.256 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 32659    | 22.534 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 33011    | 26.107 | ug/L  | 86       |
| 68) 1,2-Dibromo-3-chloropr... | 14.483 | 75   | 2287     | 24.569 | ug/L  | 89       |
| 69) 1,3,5-Trichlorobenzene    | 14.629 | 180  | 22367    | 24.079 | ug/L  | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 15537    | 21.200 | ug/L  | 99       |
| 71) Naphthalene               | 15.361 | 128  | 18700    | 14.462 | ug/L  | 95       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 12126    | 18.640 | ug/L  | 96       |

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

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Reviewed By :Semsettin Yesilyurt 10/04/2023  
 Supervised By :Mahesh Dadoda 10/04/2023

Quant Time: Oct 04 01:41:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092723SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 04 01:37:43 2023  
 Response via : Initial Calibration

