

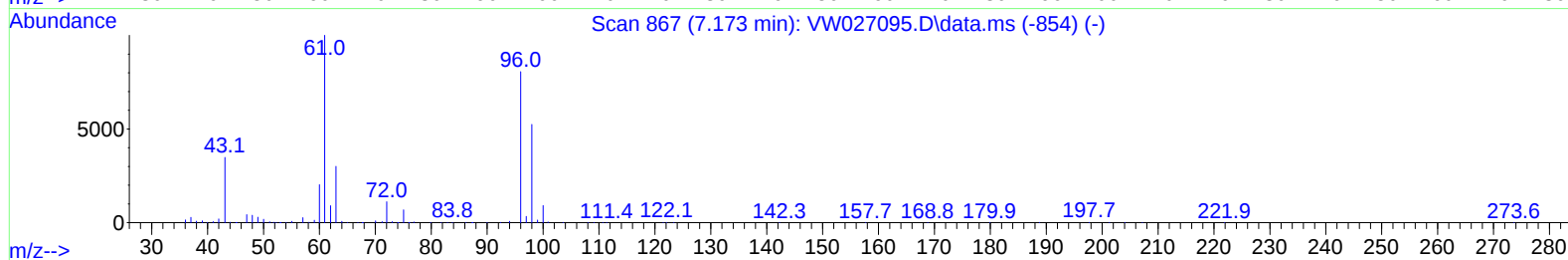
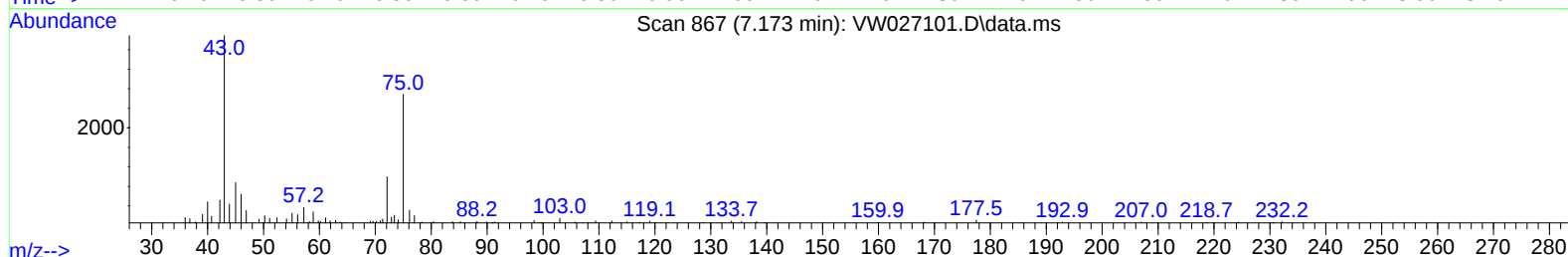
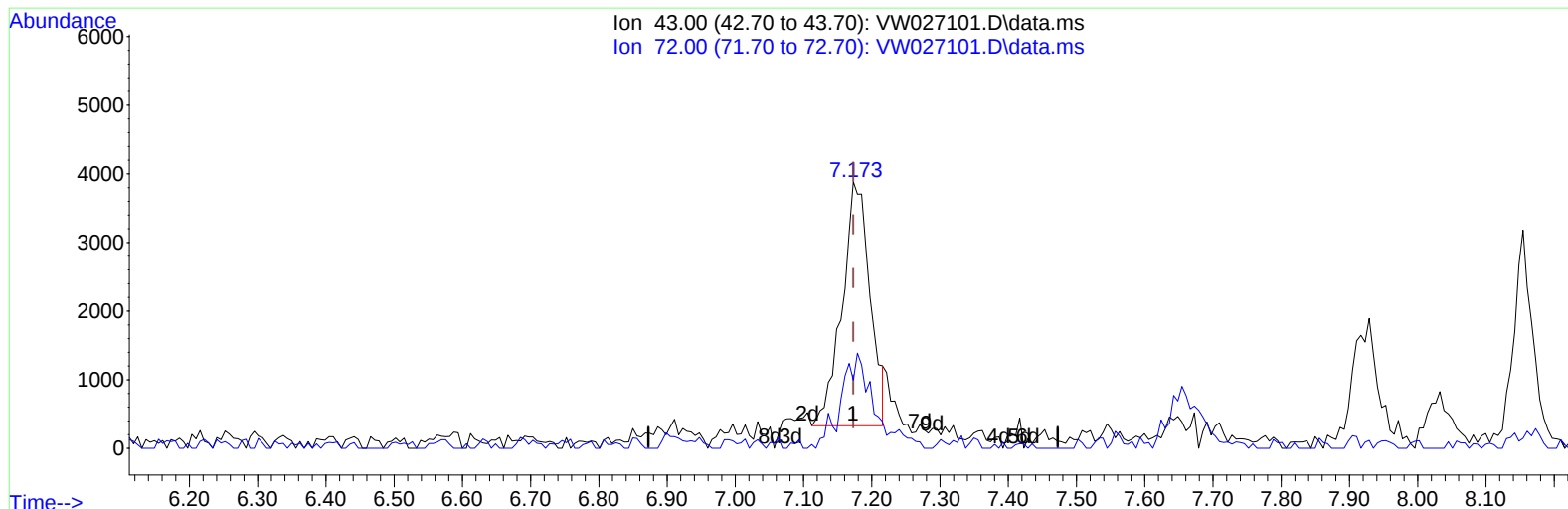
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
 Data File : VW027101.D  
 Acq On : 14 Sep 2023 14:39  
 Operator : SY/MD  
 Sample : 04417-14  
 Misc : 6.25g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYN0

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023  
 Supervised By :Mahesh Dadoda 09/15/2023

Quant Time: Sep 15 00:15:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration



TIC: VW027101.D\data.ms

## (22) 2-Butanone (T)

7.173min (-0.000) 2.67 ug/L

response 10117

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 28.70  | 14.49  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

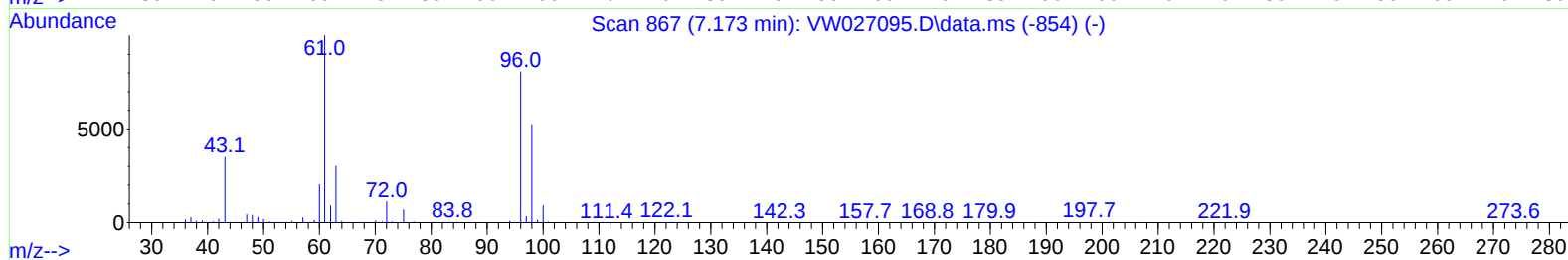
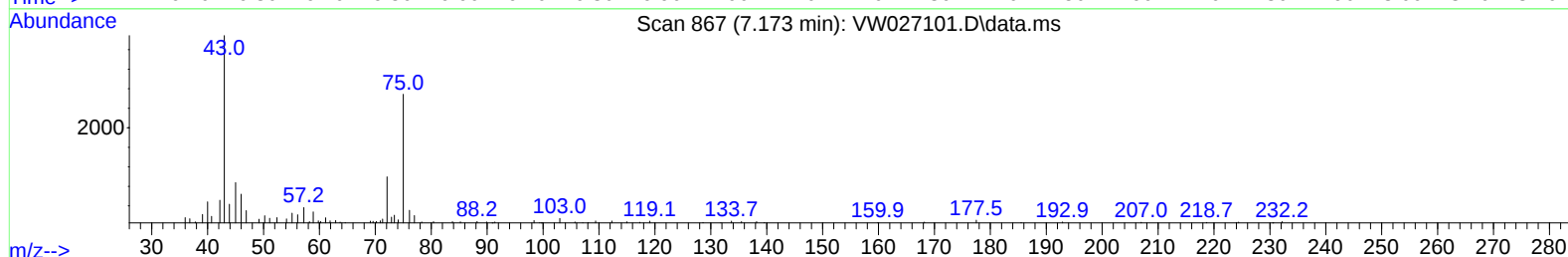
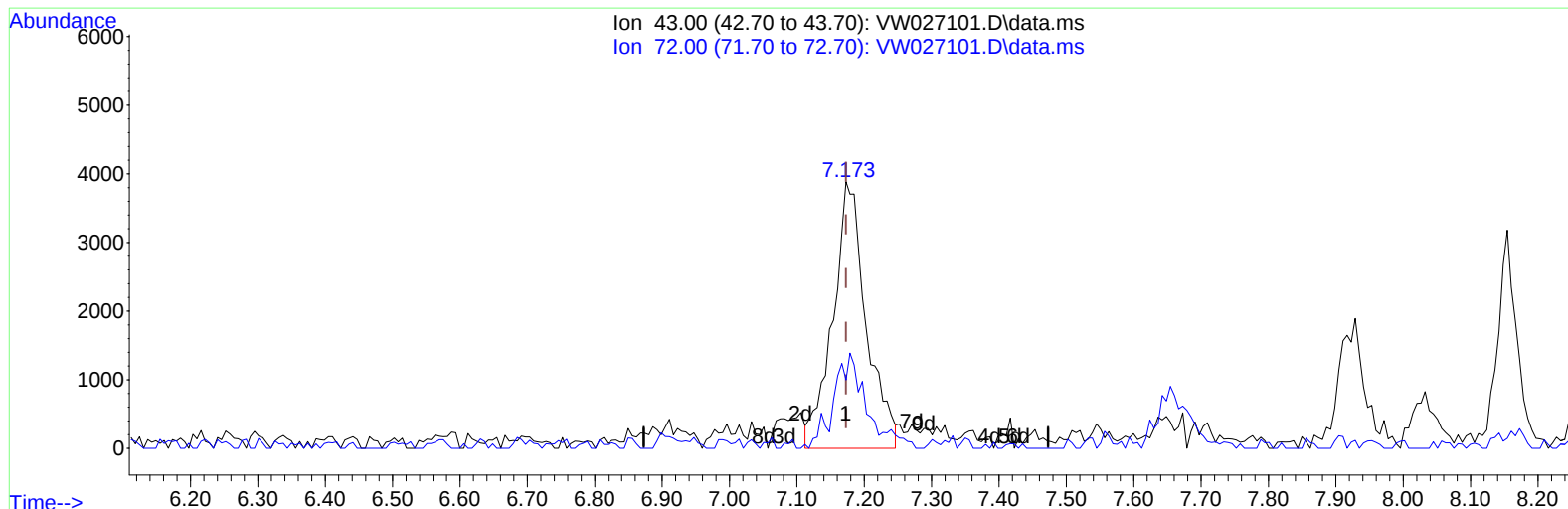
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TIC: VW027101.D\data.ms

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

7.173min (-0.000) 3.53 ug/L m

response 13375

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 28.70  | 10.96# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

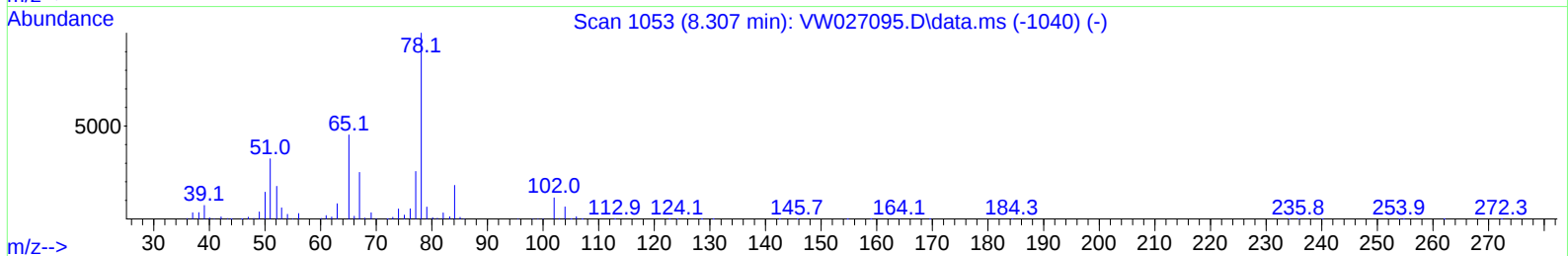
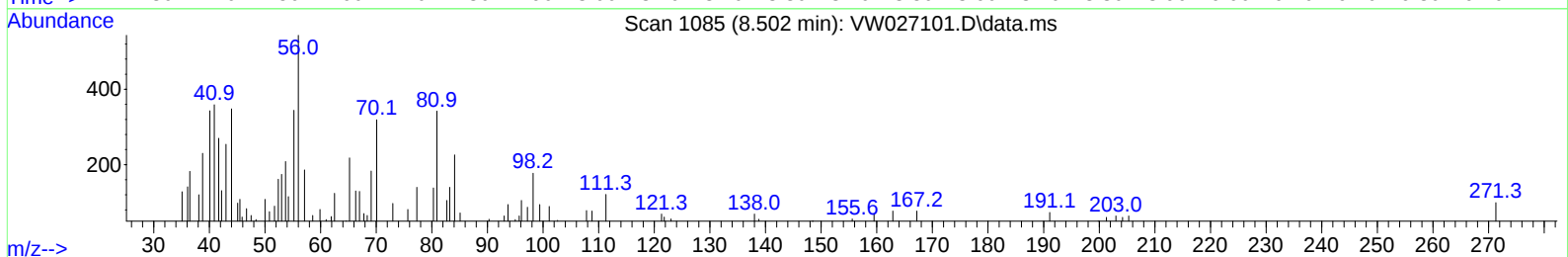
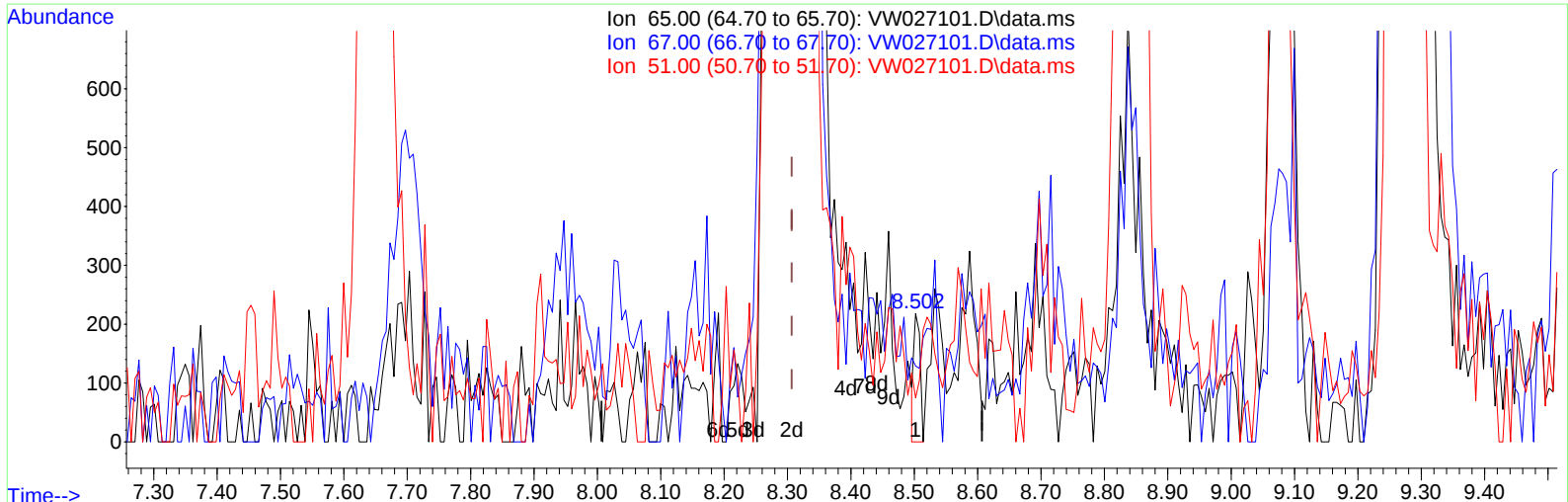
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 09/15/2023  
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TIC: VW027101.D\data.ms

**(26) 1,2-Dichloroethane-d4 (S)**

**8.502min (+ 0.195) 0.01 ug/L**

**response 147**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 46.26  |
| 51.00 | 110.30 | 134.69 |
| 0.00  | 0.00   | 0.00   |

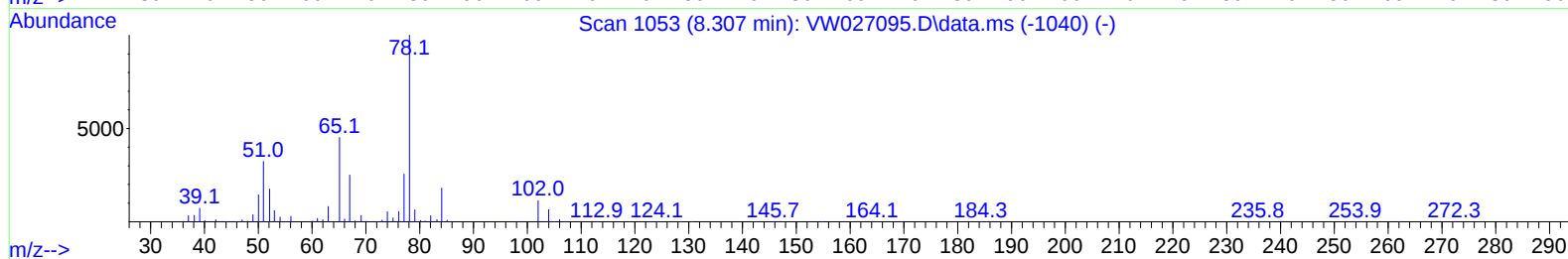
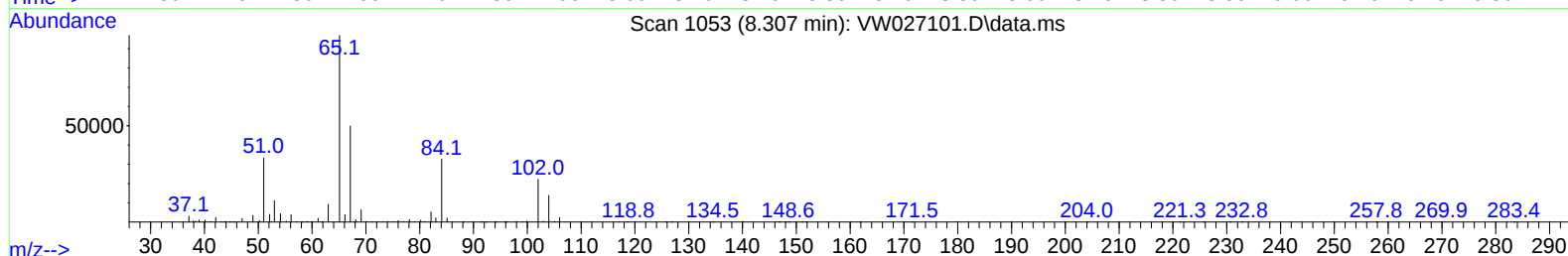
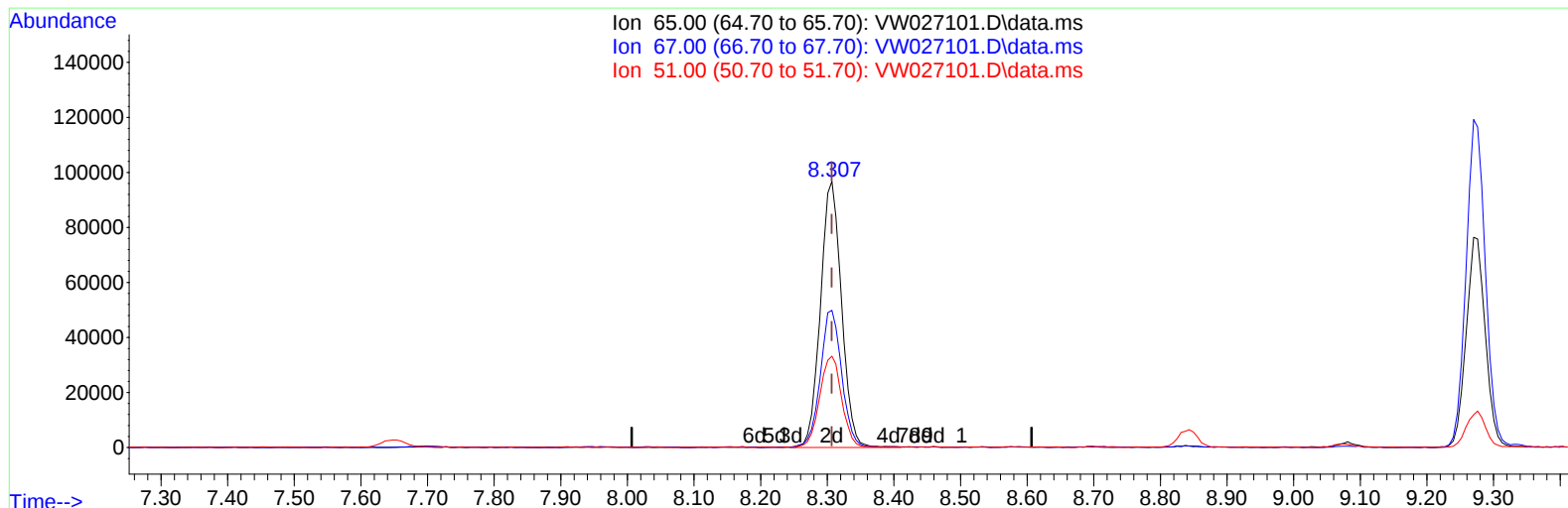
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
Data File : VW027101.D  
Acq On : 14 Sep 2023 14:39  
Operator : SY/MD  
Sample : 04417-14  
Misc : 6.25g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYNO

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023  
Supervised By :Mahesh Dadoda 09/15/2023

Quant Time: Sep 15 00:15:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Sep 09 02:59:49 2023  
Response via : Initial Calibration



TIC: VW027101.D\data.ms

## (26) 1,2-Dichloroethane-d4 (S)

8.307min (-0.000) 17.37 ug/L m

response 212440

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 0.03#  |
| 51.00 | 110.30 | 0.09#  |
| 0.00  | 0.00   | 0.00   |

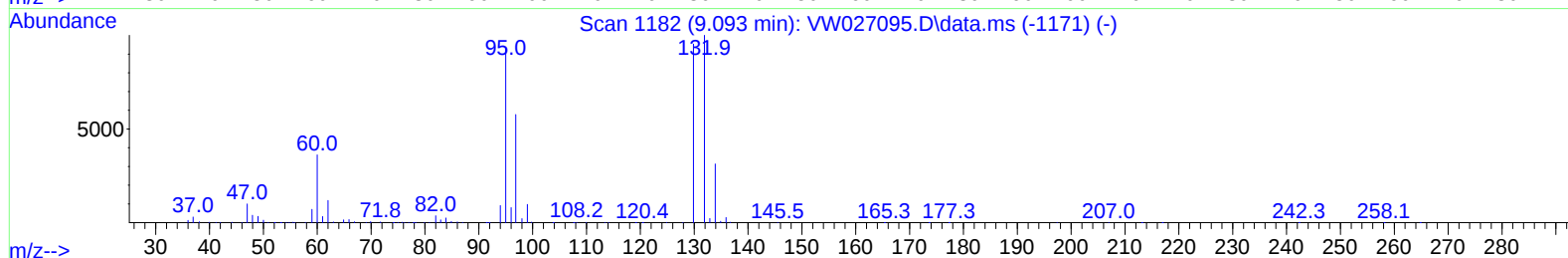
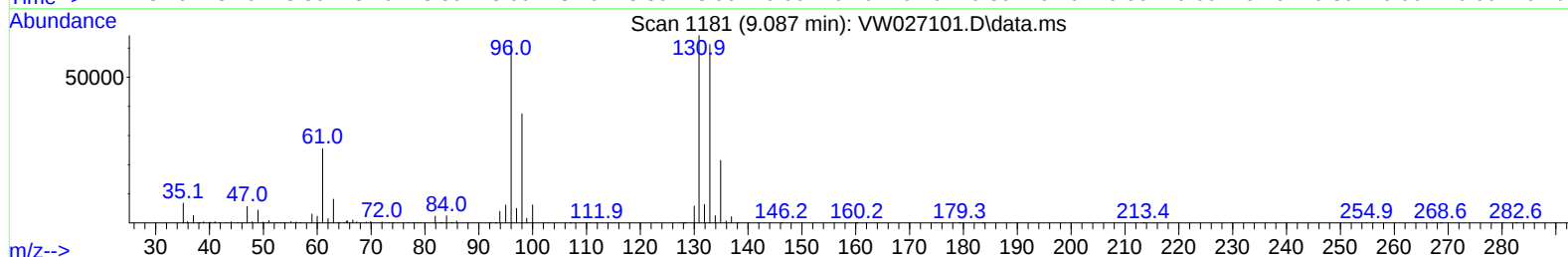
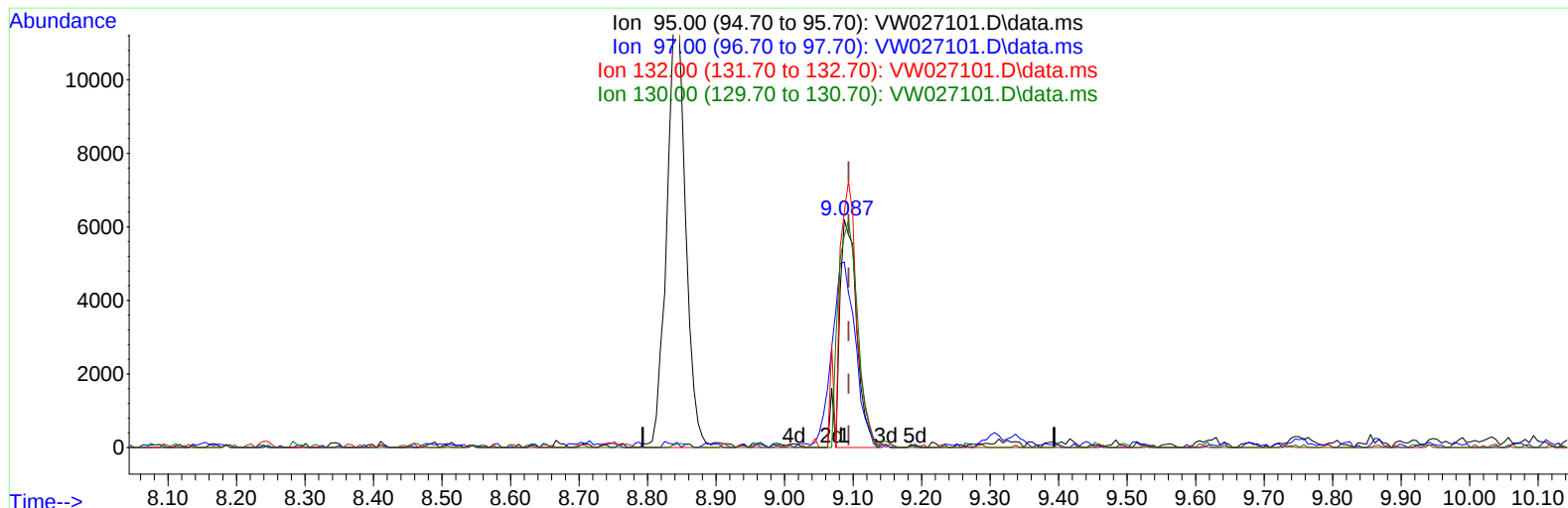
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
 Data File : VW027101.D  
 Acq On : 14 Sep 2023 14:39  
 Operator : SY/MD  
 Sample : 04417-14  
 Misc : 6.25g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYN0

Manual IntegrationsAPPROVED

Quant Time: Sep 15 00:15:49 2023  
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 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/15/2023  
 Supervised By :Mahesh Dadoda 09/15/2023



TIC: VW027101.D\data.ms

(34) Trichloroethene (T)

9.087min (-0.006) 1.00 ug/L

response 10293

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 95.00  | 100.00 | 100.00 |
| 97.00  | 60.60  | 81.57# |
| 132.00 | 90.20  | 103.25 |
| 130.00 | 99.60  | 93.07  |

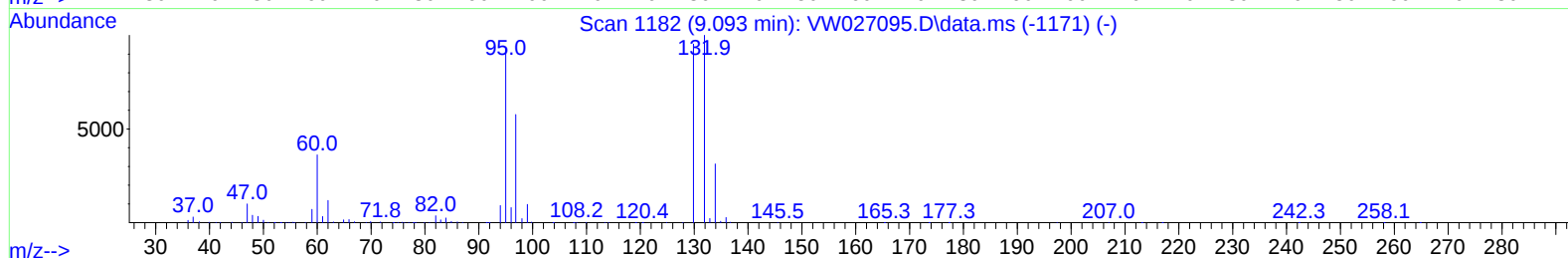
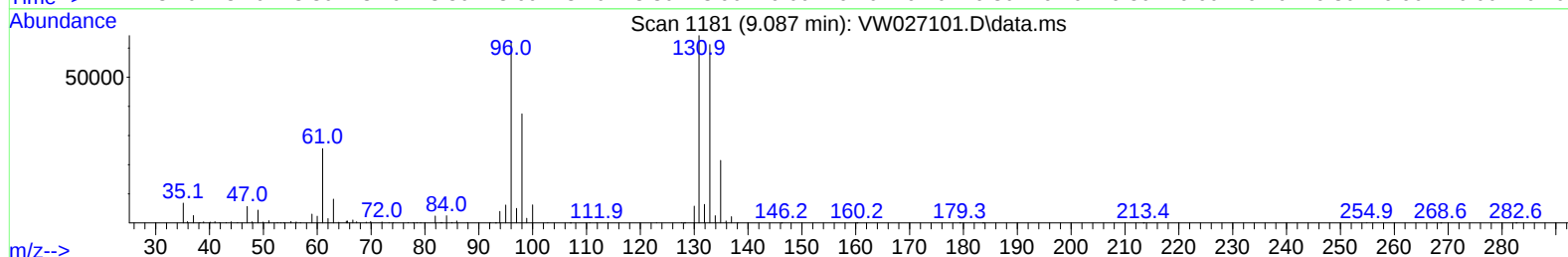
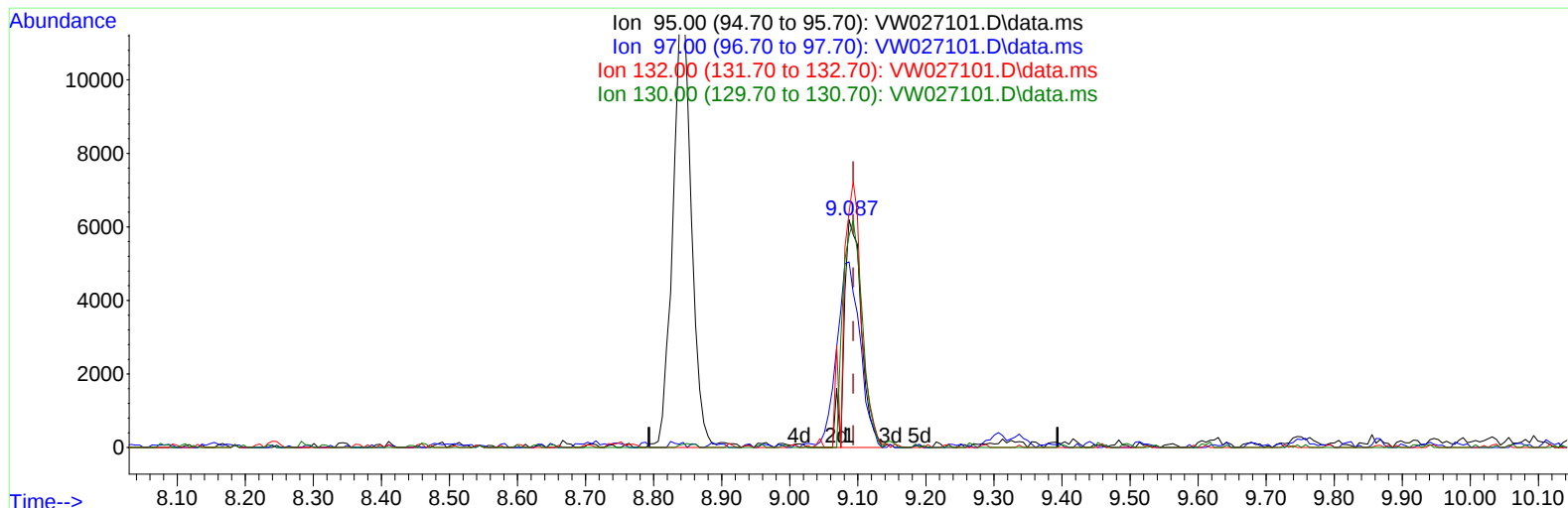
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
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 Operator : SY/MD  
 Sample : 04417-14  
 Misc : 6.25g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYN0

Manual IntegrationsAPPROVED

Quant Time: Sep 15 00:15:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/15/2023  
 Supervised By :Mahesh Dadoda 09/15/2023



TIC: VW027101.D\data.ms

(34) Trichloroethene (T)

9.087min (-0.006) 1.06 ug/L m

response 10881

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 95.00  | 100.00 | 100.00 |
| 97.00  | 60.60  | 81.57# |
| 132.00 | 90.20  | 103.25 |
| 130.00 | 99.60  | 93.07  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
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 Misc : 6.25g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYN0

Manual IntegrationsAPPROVED

Quant Time: Sep 15 00:15:49 2023  
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 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/15/2023  
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| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 782097   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 584091   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 153212   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 131540   | 9.414    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 37.640%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 134190   | 11.899   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 47.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 60856    | 11.818   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 47.280%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 116911   | 43.424   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.840%  |
| 24) Chloroform-d              | 7.648  | 84    | 234349   | 10.070   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 40.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 212440m  | 17.367   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 69.480%# |
| 32) Benzene-d6                | 8.276  | 84    | 740990   | 19.341   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 77.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 240759   | 21.406   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.640%  |
| 41) Toluene-d8                | 10.319 | 98    | 562513   | 16.217   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 64.880%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 77906    | 17.849   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 71.400%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 62041    | 59.084   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 118.160% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 58786    | 6.735    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 26.960%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 92906    | 17.533   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 70.120%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.125  | 43    | 45486    | 19.295   | ug/L   | 93       |
| 14) Carbon disulfide          | 4.387  | 76    | 33023    | 0.932    | ug/L   | 97       |
| 16) Methylene chloride        | 4.917  | 84    | 29927    | 1.975    | ug/L   | 88       |
| 22) 2-Butanone                | 7.173  | 43    | 13375m   | 3.526    | ug/L   |          |
| 25) Chloroform                | 7.673  | 83    | 165068   | 7.382    | ug/L   | 95       |
| 34) Trichloroethene           | 9.087  | 95    | 10881m   | 1.060    | ug/L   |          |
| 63) 1,2,4-Trimethylbenzene    | 13.251 | 105   | 8460     | 0.517    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

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

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EZYNO

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