

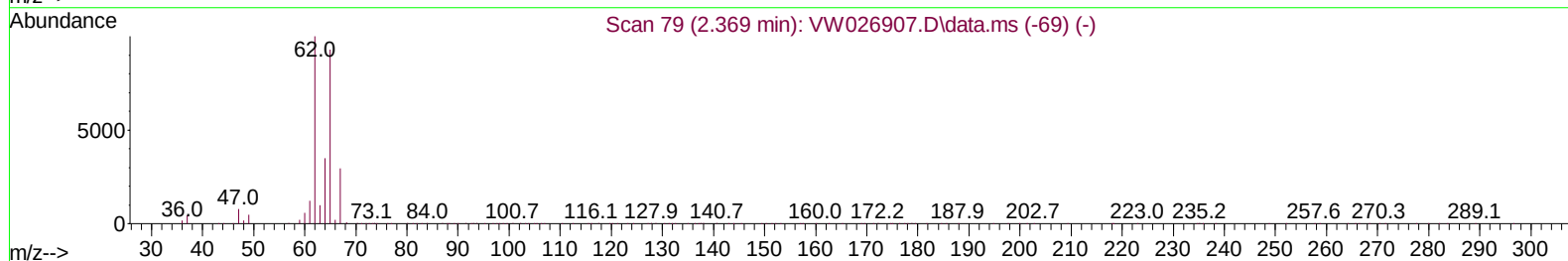
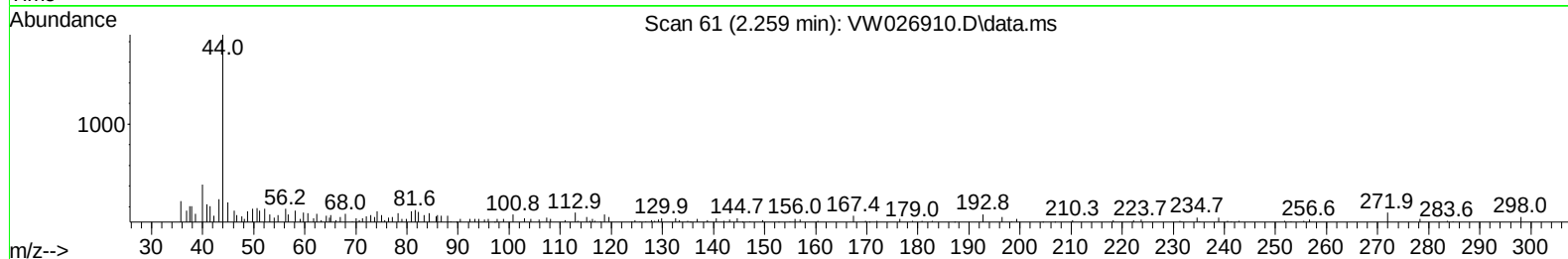
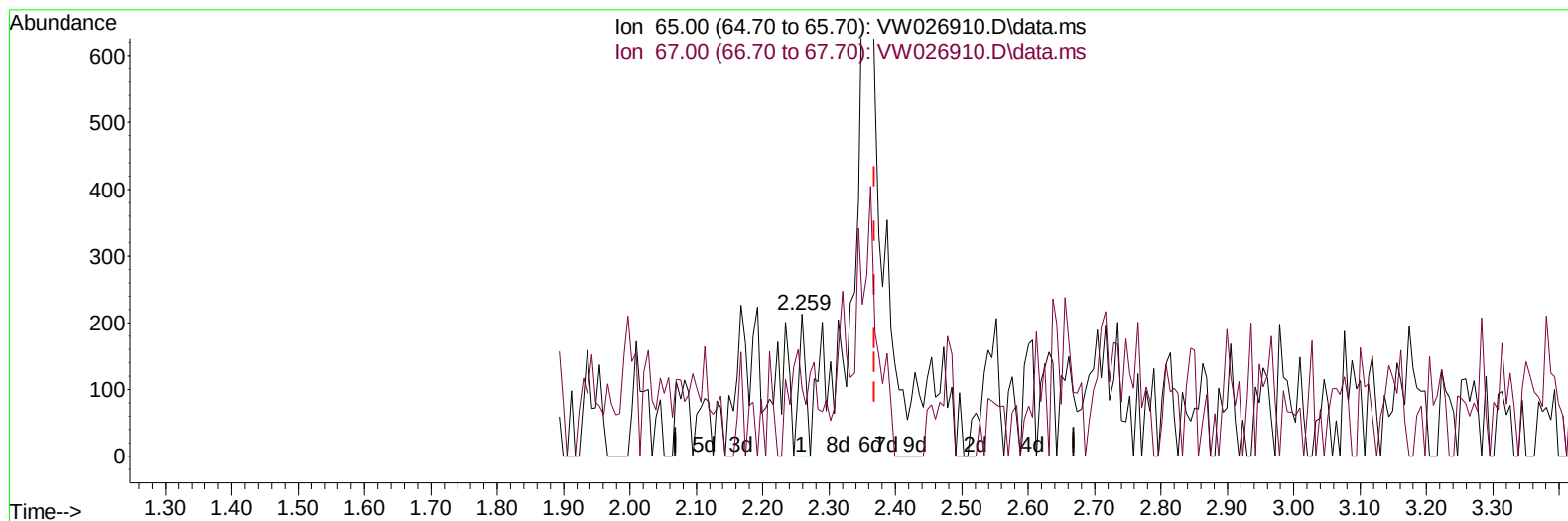
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration



TIC: VW026910.D\data.ms

## (4) Vinyl Chloride-d3 (S)

2.259min (-0.110) 1.30 ug/L

response 158

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 31.70  | 37.97  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

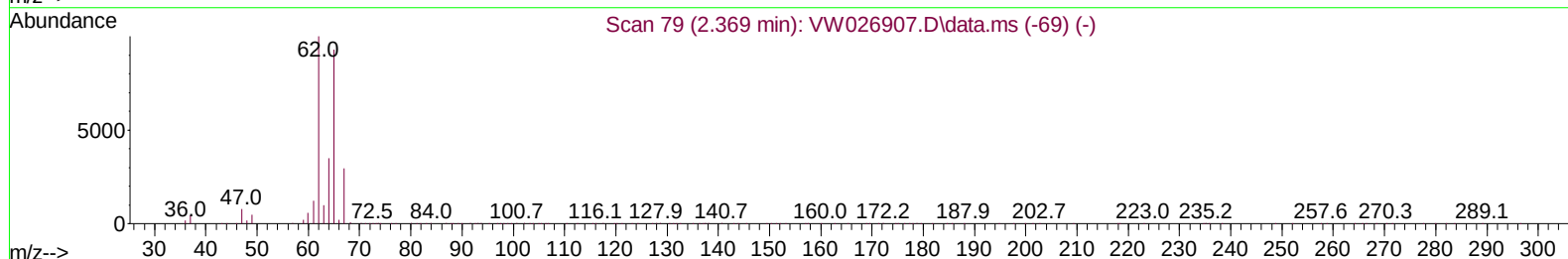
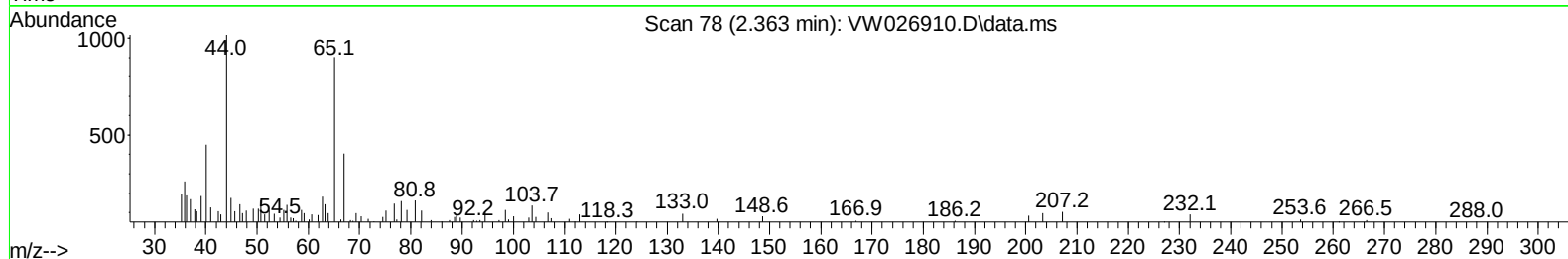
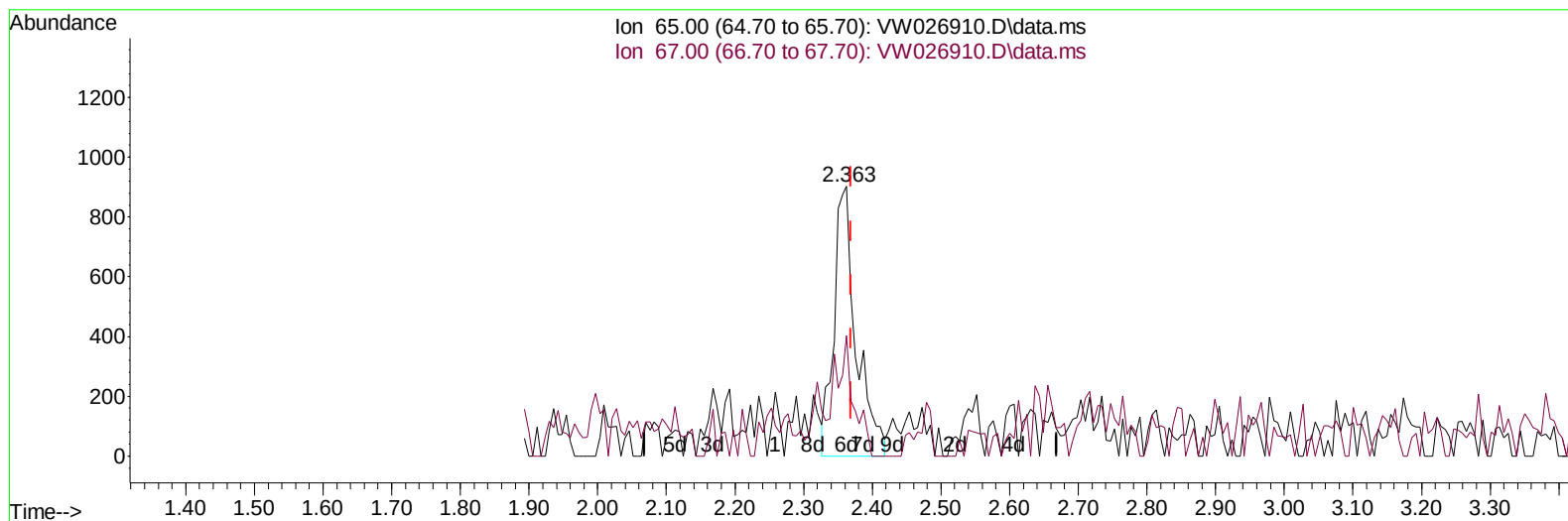
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

Manual IntegrationsAPPROVED

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023



TIC: VW026910.D\data.ms

#### (4) Vinyl Chloride-d3 (S)

2.363min (-0.006) 16.58 ug/L m

response 2022

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 31.70  | 2.97#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

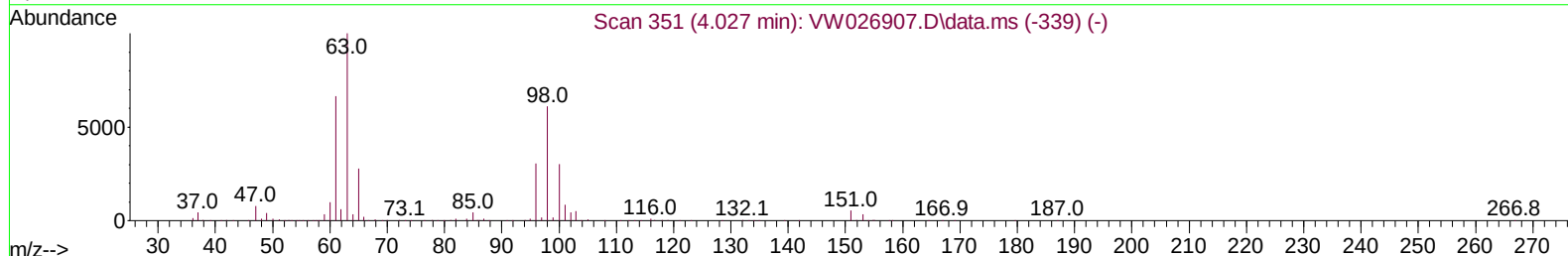
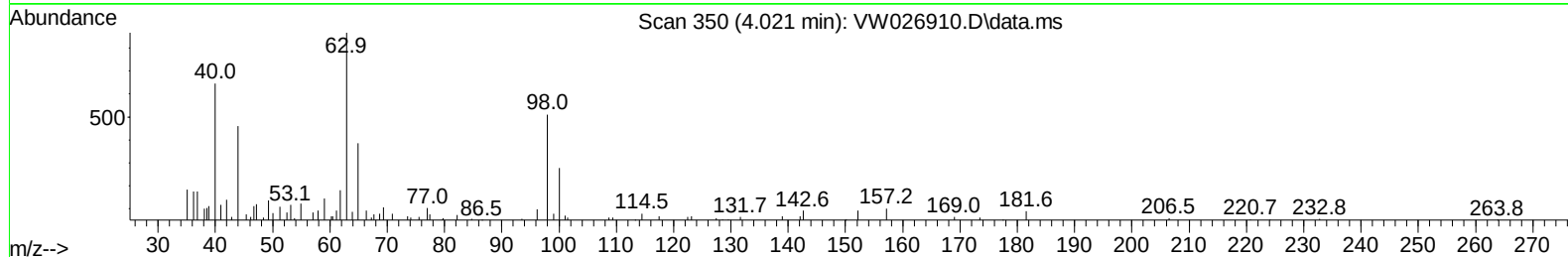
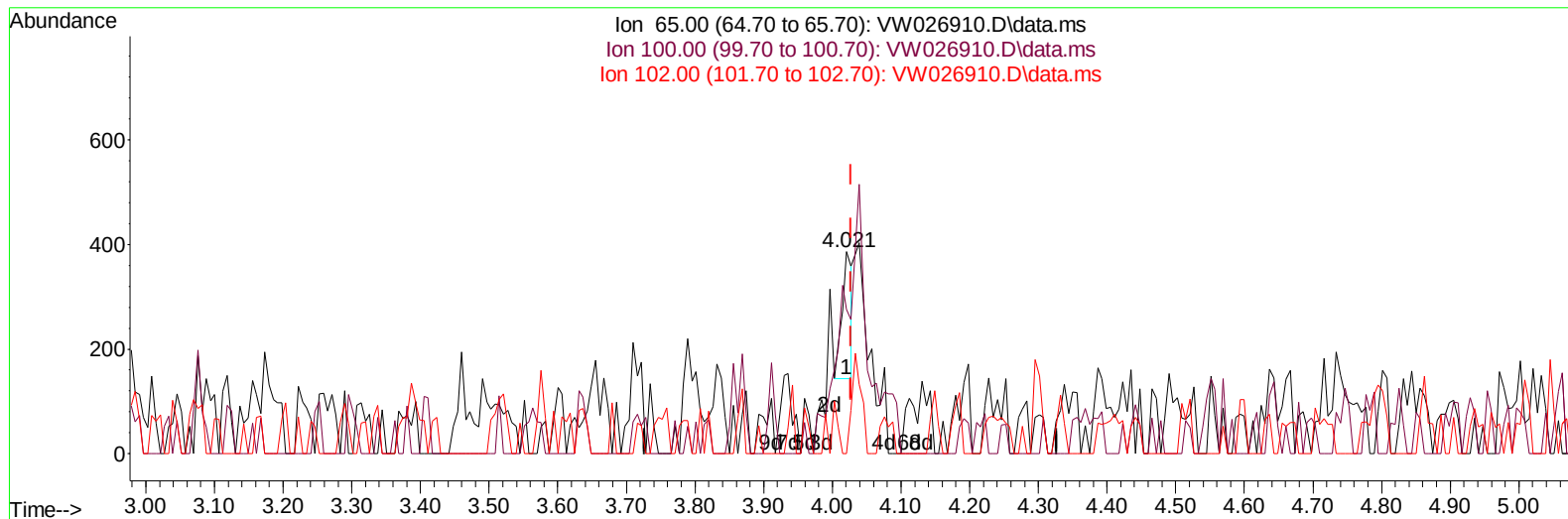
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

Manual IntegrationsAPPROVED

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023



TIC: VW026910.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.021min (-0.006) 4.00 ug/L

response 240

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 65.00  | 100.00 | 100.00  |
| 100.00 | 124.90 | 204.17# |
| 102.00 | 16.90  | 0.00#   |
| 0.00   | 0.00   | 0.00    |

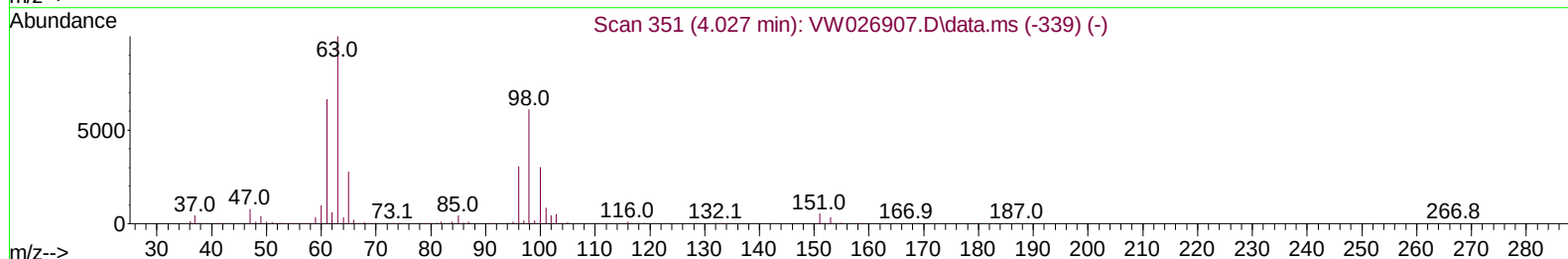
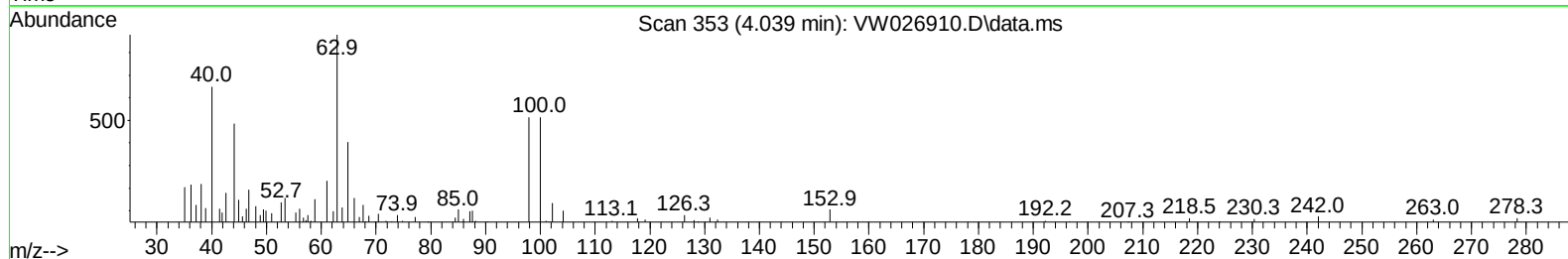
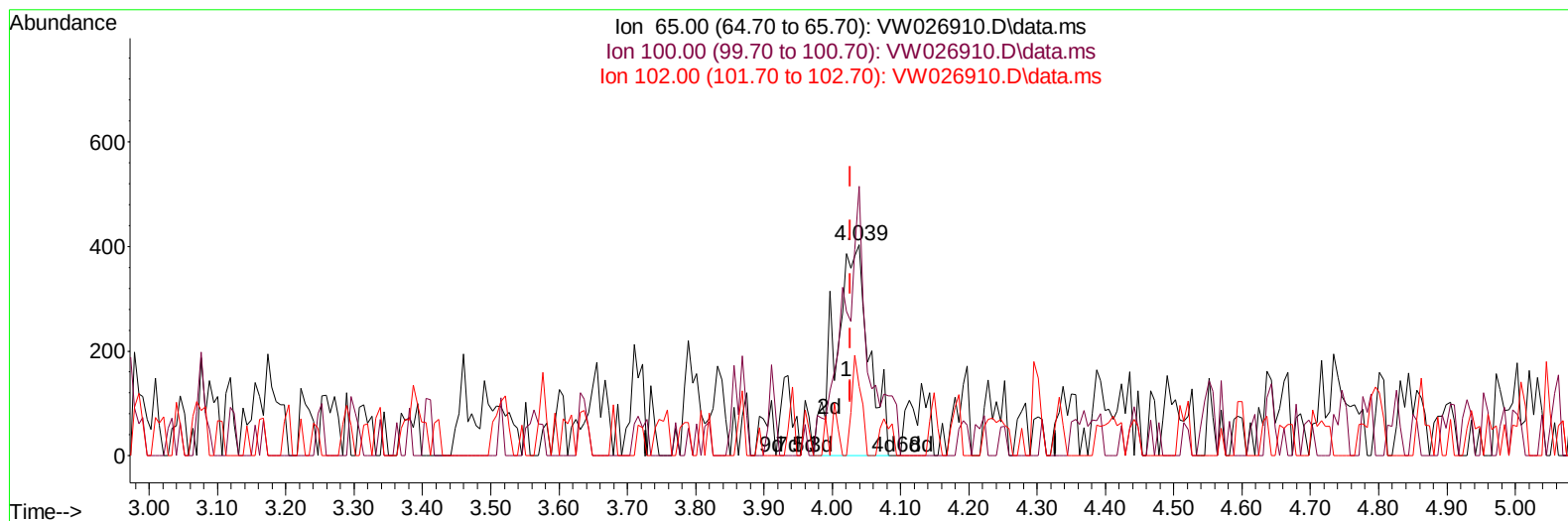
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

Manual IntegrationsAPPROVED

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023



TIC: VW026910.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.039min (+ 0.012) 22.79 ug/L m

response 1367

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 65.00  | 100.00 | 100.00 |
| 100.00 | 124.90 | 35.84# |
| 102.00 | 16.90  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

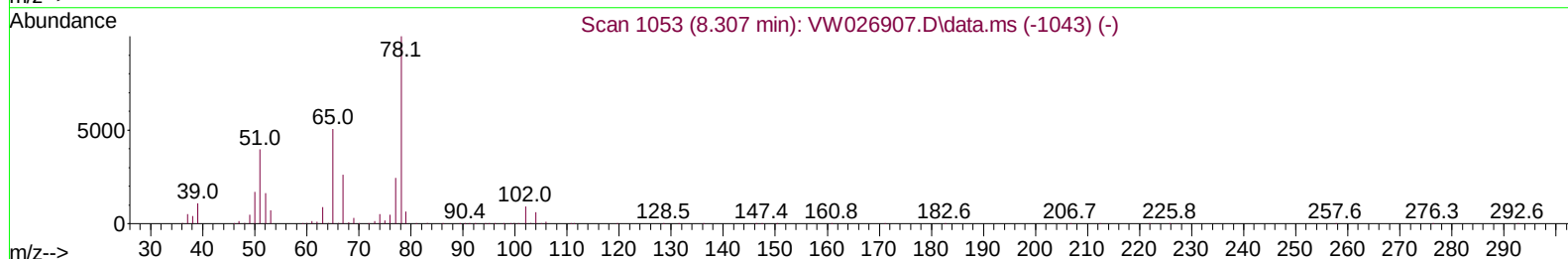
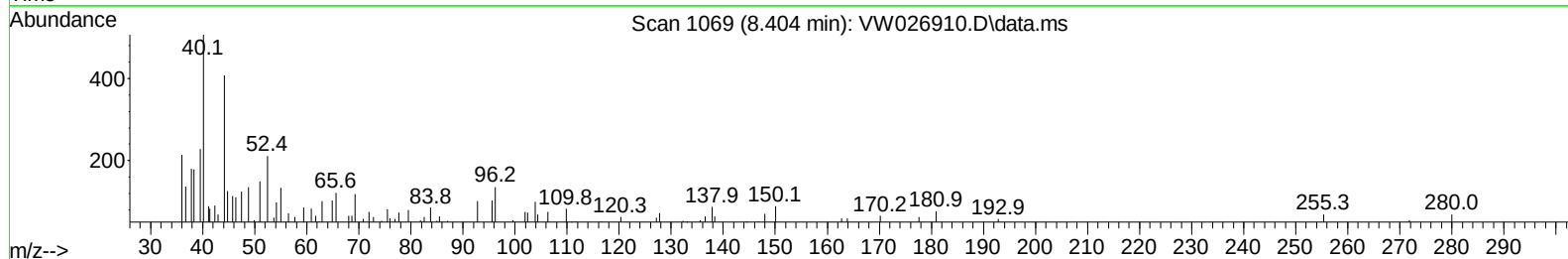
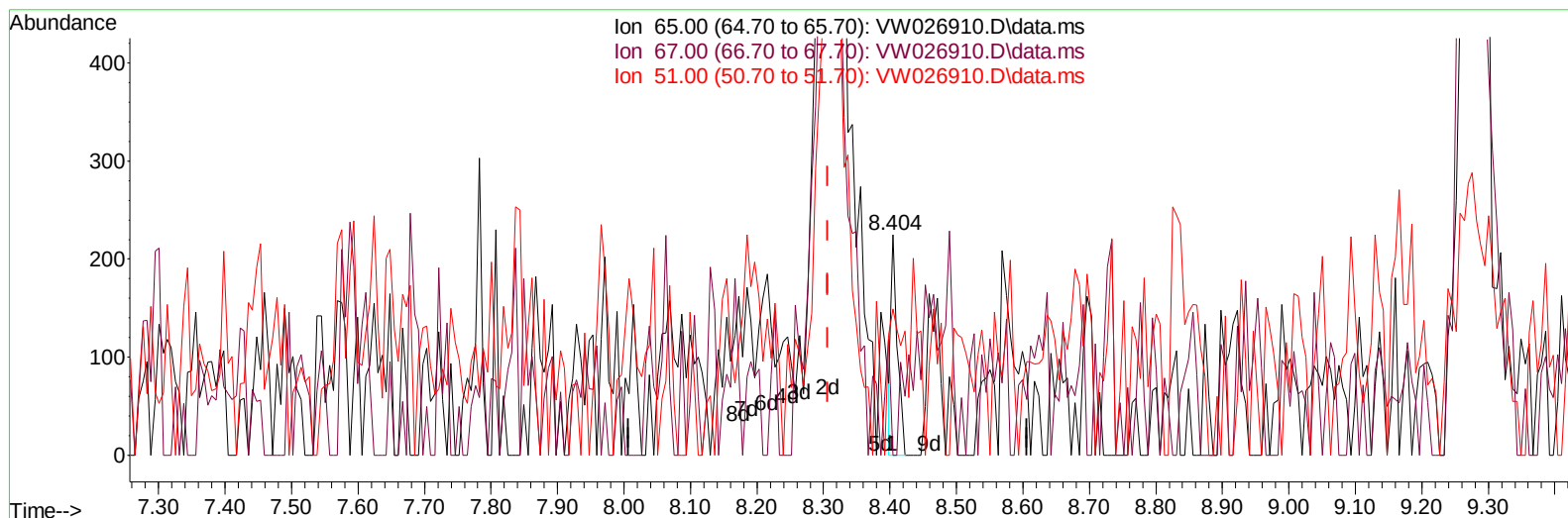
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

Manual IntegrationsAPPROVED

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023



TIC: VW026910.D\data.ms

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

8.404min (+ 0.098) 1.08 ug/L

response 149

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 43.62  |
| 51.00 | 112.90 | 125.50 |
| 0.00  | 0.00   | 0.00   |

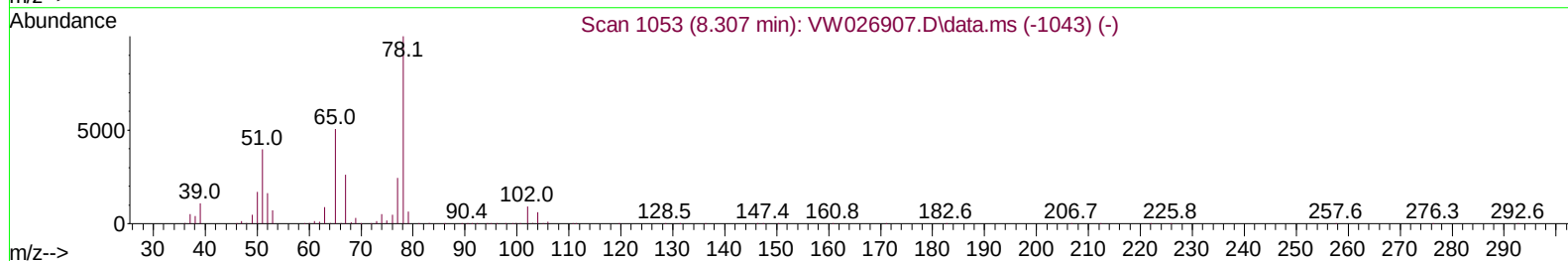
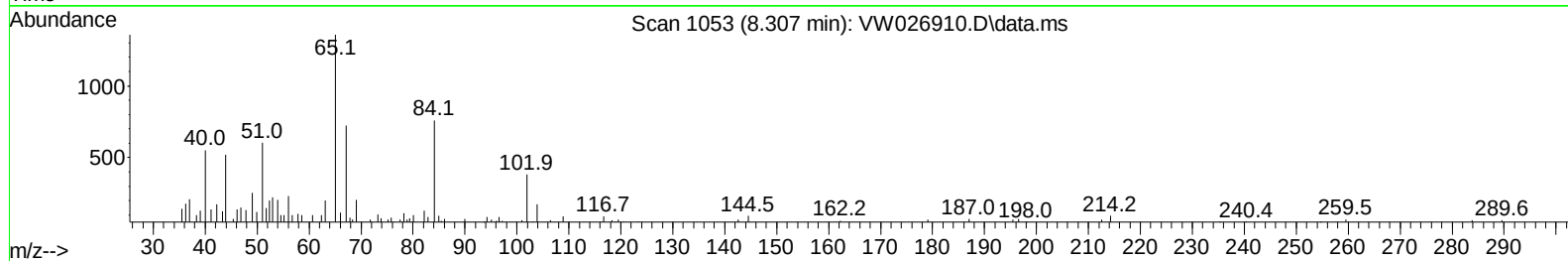
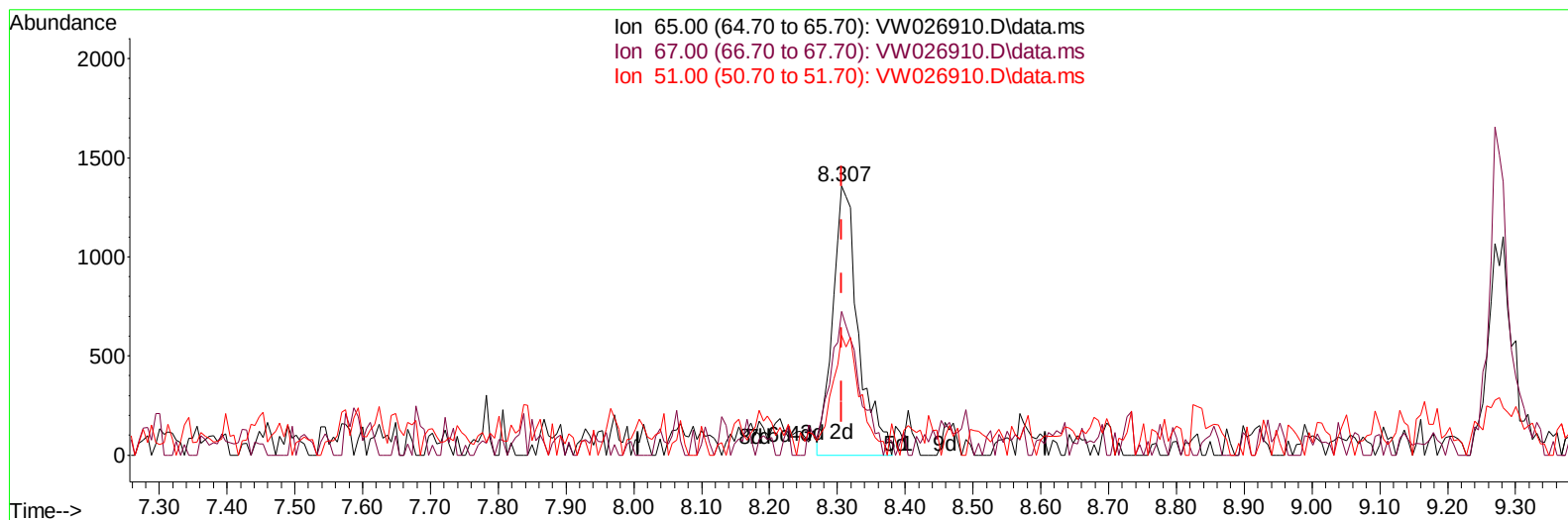
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

Manual IntegrationsAPPROVED

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023



TIC: VW026910.D\data.ms

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

8.307min (-0.000) 25.72 ug/L m

response 3535

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 1.84#  |
| 51.00 | 112.90 | 5.29#  |
| 0.00  | 0.00   | 0.00   |

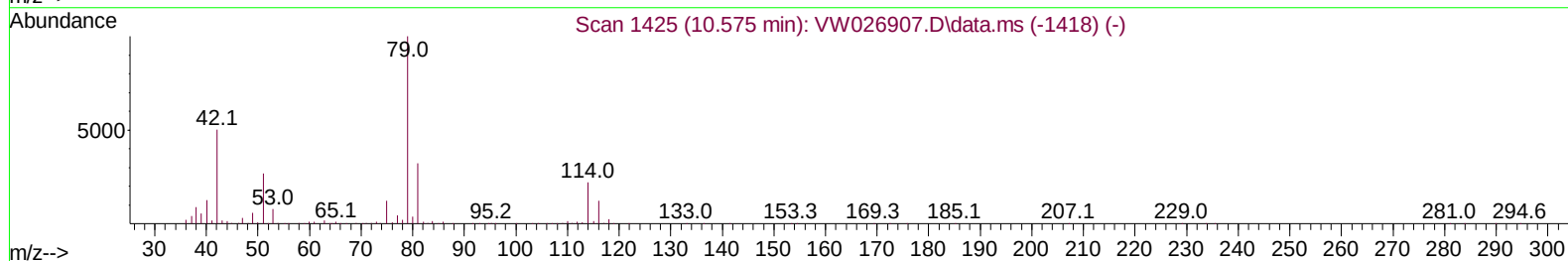
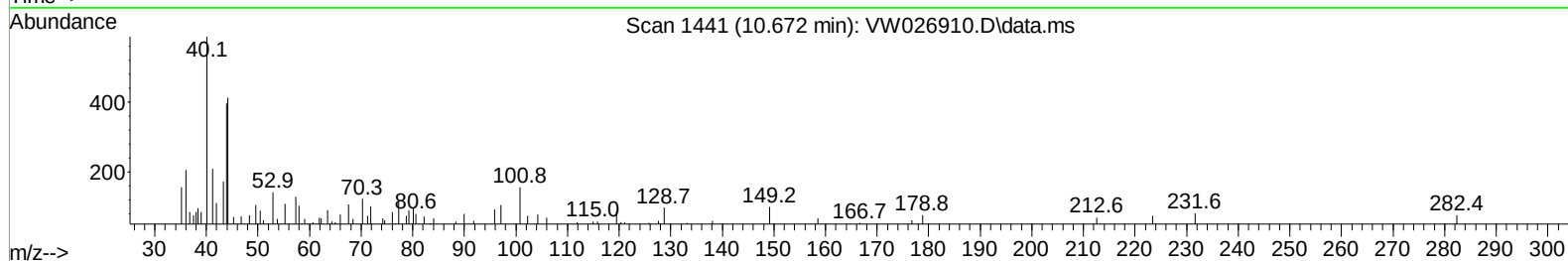
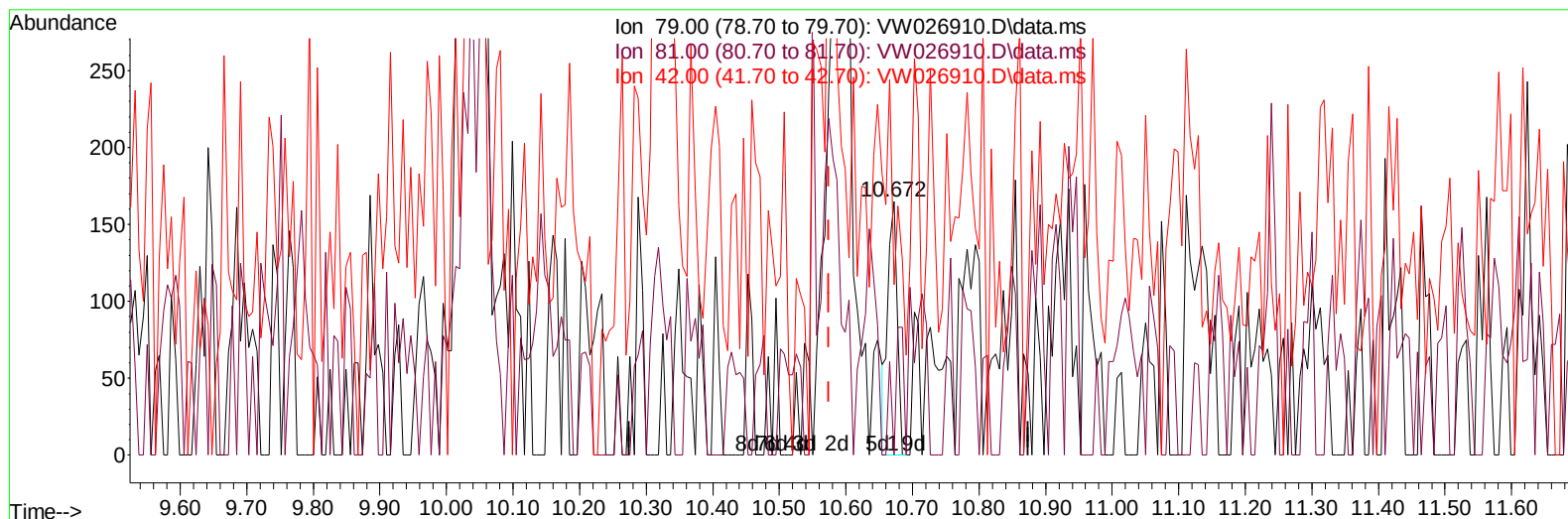
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
Data File : VW026910.D  
Acq On : 25 Aug 2023 22:15  
Operator : SY/MD  
Sample : 04157-24  
Misc : 5.85g/10mL/MSVOA\_W/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DCHW3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/28/2023  
Supervised By :Mahesh Dadoda 08/28/2023

Quant Time: Aug 28 01:04:55 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Aug 26 05:14:45 2023  
Response via : Initial Calibration



TIC: VW026910.D\data.ms

**(43) trans-1,3-Dichloropropene-d4 (S)****10.672min (+ 0.098) 3.11 ug/L****response 162**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 79.00 | 100.00 | 100.00 |
| 81.00 | 31.40  | 37.65  |
| 42.00 | 46.90  | 35.80  |
| 0.00  | 0.00   | 0.00   |

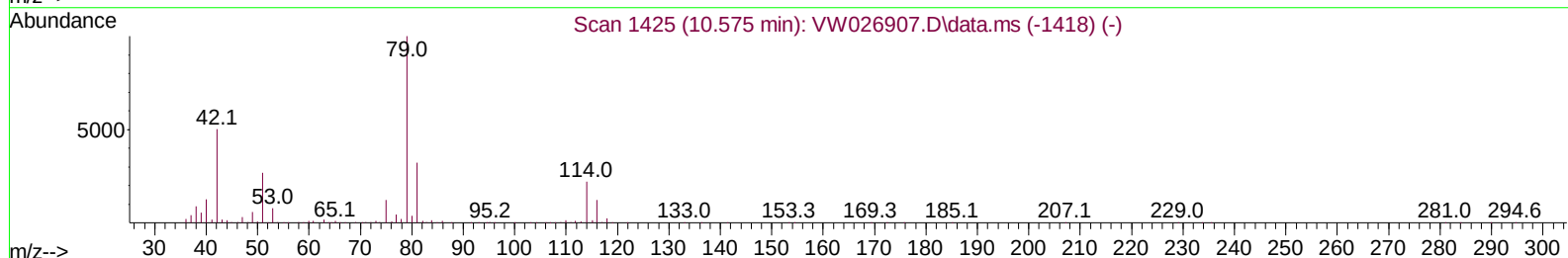
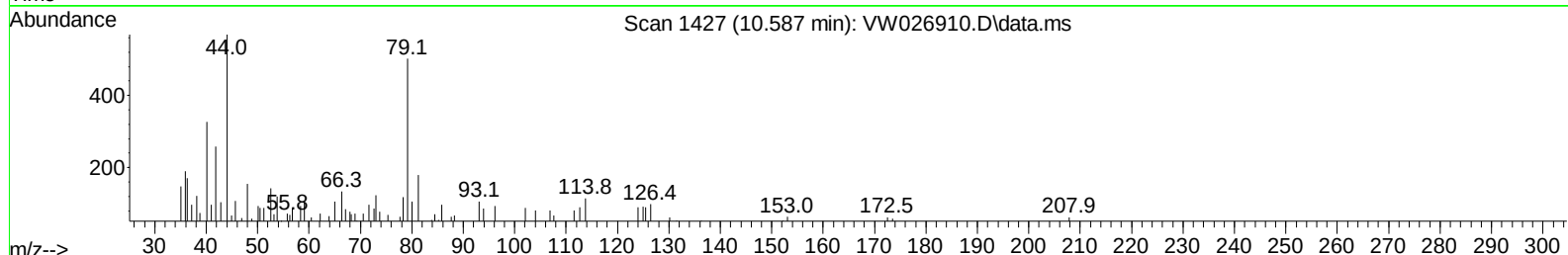
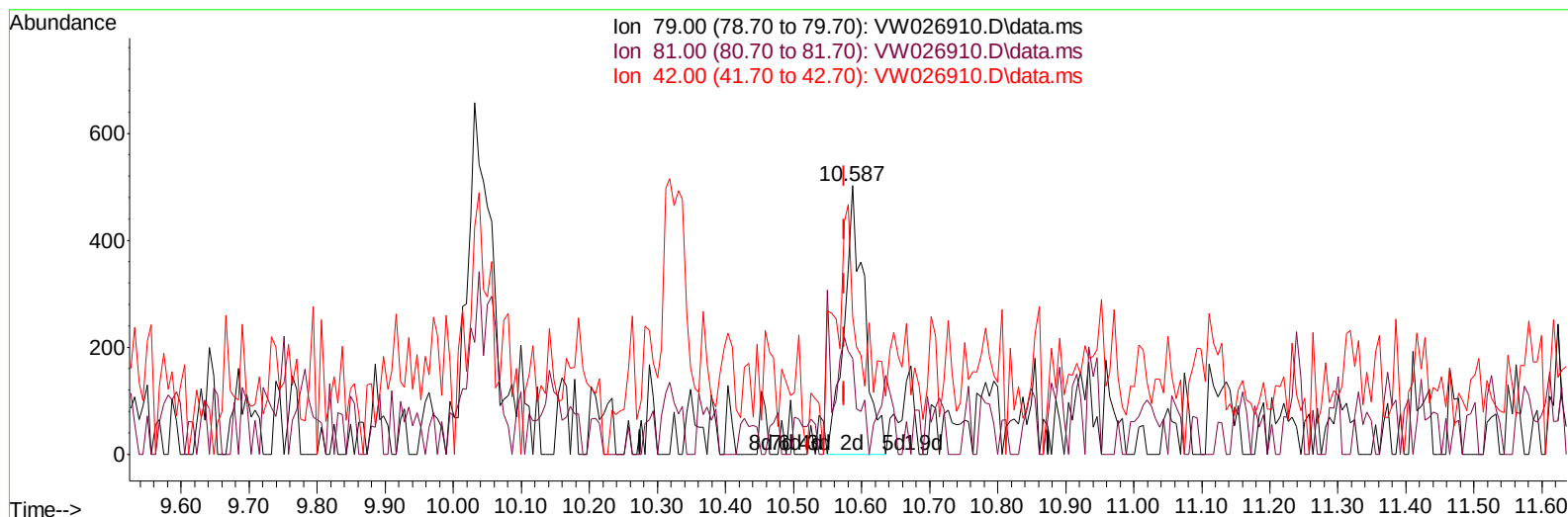
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

Manual IntegrationsAPPROVED

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023



TIC: VW026910.D\data.ms

**(43) trans-1,3-Dichloropropene-d4 (S)**

**10.587min (+ 0.012) 19.69 ug/L m**

**response 1026**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 79.00 | 100.00 | 100.00 |
| 81.00 | 31.40  | 5.95#  |
| 42.00 | 46.90  | 5.65#  |
| 0.00  | 0.00   | 0.00   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026910.D  
 Acq On : 25 Aug 2023 22:15  
 Operator : SY/MD  
 Sample : 04157-24  
 Misc : 5.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHW3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023

Quant Time: Aug 28 01:04:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 05:14:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 7420     | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 5878     | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 2659     | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    | 2022m    | 16.577 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 66.320%  |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 2004     | 22.094 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 88.360%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.039    | 65    | 1367m    | 22.786 | ug/L     | 0.01     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 91.160%  |          |
| 21) 2-Butanone-d5             | 0.000    | 46    | 0d       | 0.000  | ug/L     |          |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 0.000%#  |          |
| 24) Chloroform-d              | 7.642    | 84    | 5550     | 22.286 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 89.160%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 3535m    | 25.722 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 102.880% |          |
| 32) Benzene-d6                | 8.276    | 84    | 9312     | 22.986 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 91.960%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 3367     | 26.683 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 106.720% |          |
| 41) Toluene-d8                | 10.331   | 98    | 6621     | 19.040 | ug/L     | 0.01     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 76.160%  |          |
| 43) trans-1,3-Dichloroprop... | 10.587   | 79    | 1026m    | 19.693 | ug/L     | 0.01     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 78.760%  |          |
| 47) 2-Hexanone-d5             | 0.000    | 63    | 0d       | 0.000  | ug/L     |          |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 0.000%#  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 2476     | 24.846 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 99.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854   | 152   | 2021     | 21.235 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 84.960%  |          |

Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
Data File : VW026910.D  
Acq On : 25 Aug 2023 22:15  
Operator : SY/MD  
Sample : 04157-24  
Misc : 5.85g/10mL/MSVOA\_W/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DCHW3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/28/2023  
Supervised By :Mahesh Dadoda 08/28/2023

Quant Time: Aug 28 01:04:55 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Aug 26 05:14:45 2023  
Response via : Initial Calibration

