

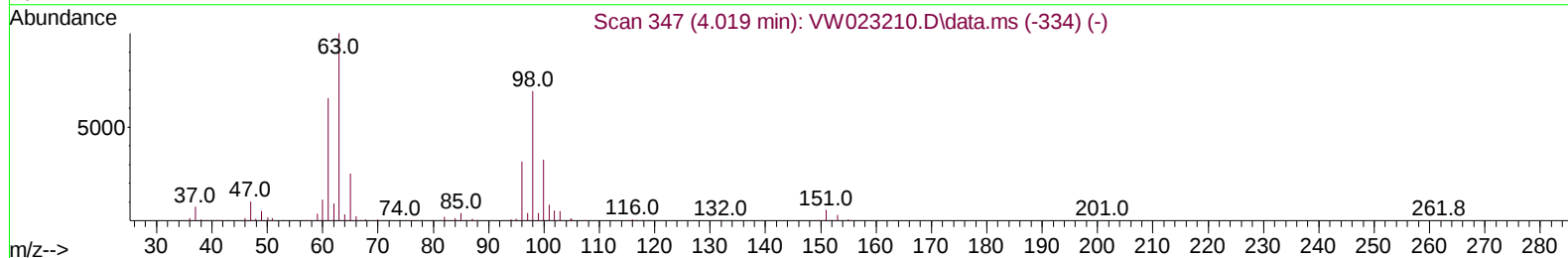
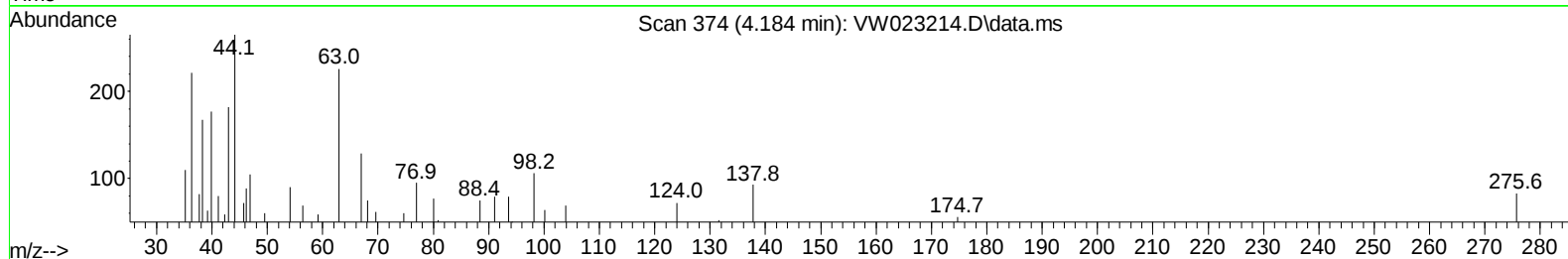
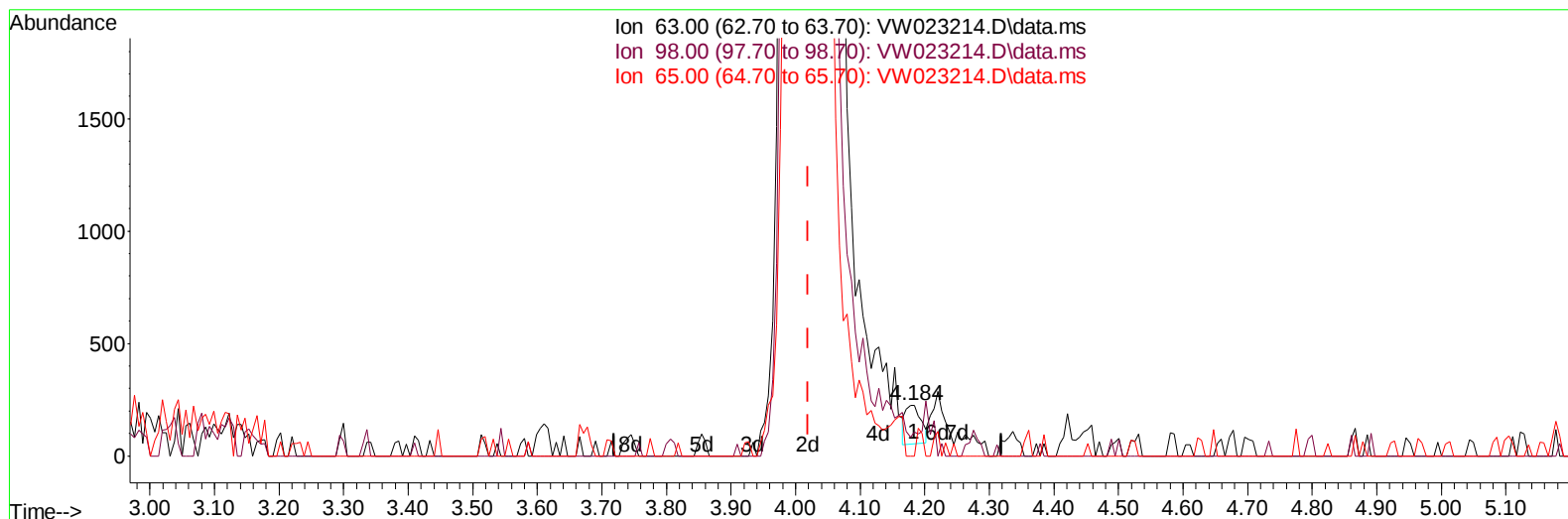
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
 Data File : VW023214.D  
 Acq On : 20 May 2022 22:11  
 Operator : SY/VA  
 Sample : N2925-17  
 Misc : 4.55g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXXZ4

Manual IntegrationsAPPROVED

Quant Time: May 21 01:50:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/22/2022  
 Supervised By :Mahesh Dadoda 05/25/2022



TIC: VW023214.D\data.ms

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

4.184min (+ 0.165) 0.03 ug/L

response 285

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 72.80  | 77.89  |
| 65.00 | 23.30  | 28.77  |
| 0.00  | 0.00   | 0.00   |

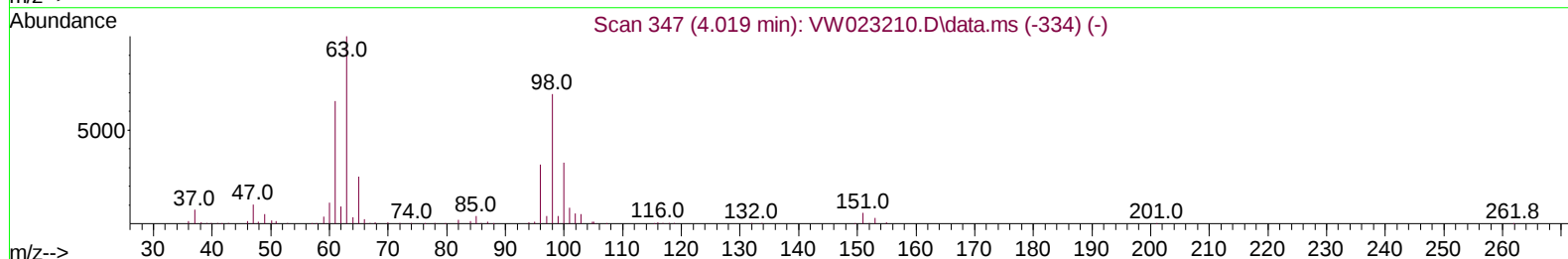
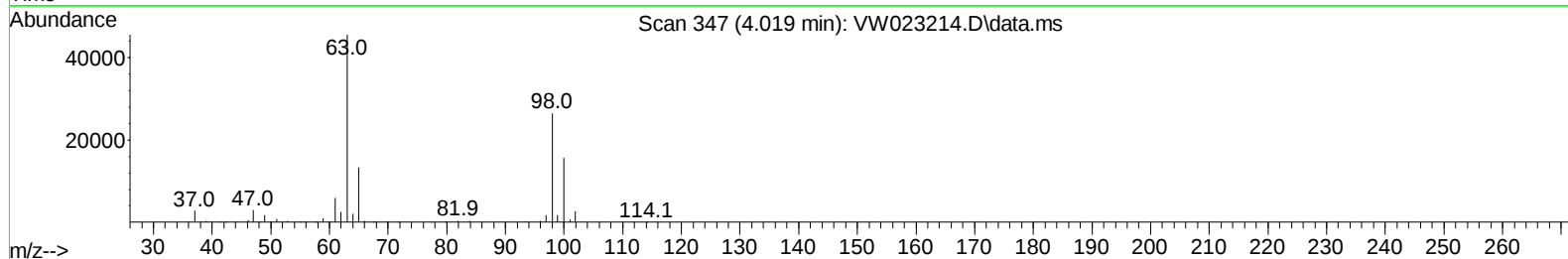
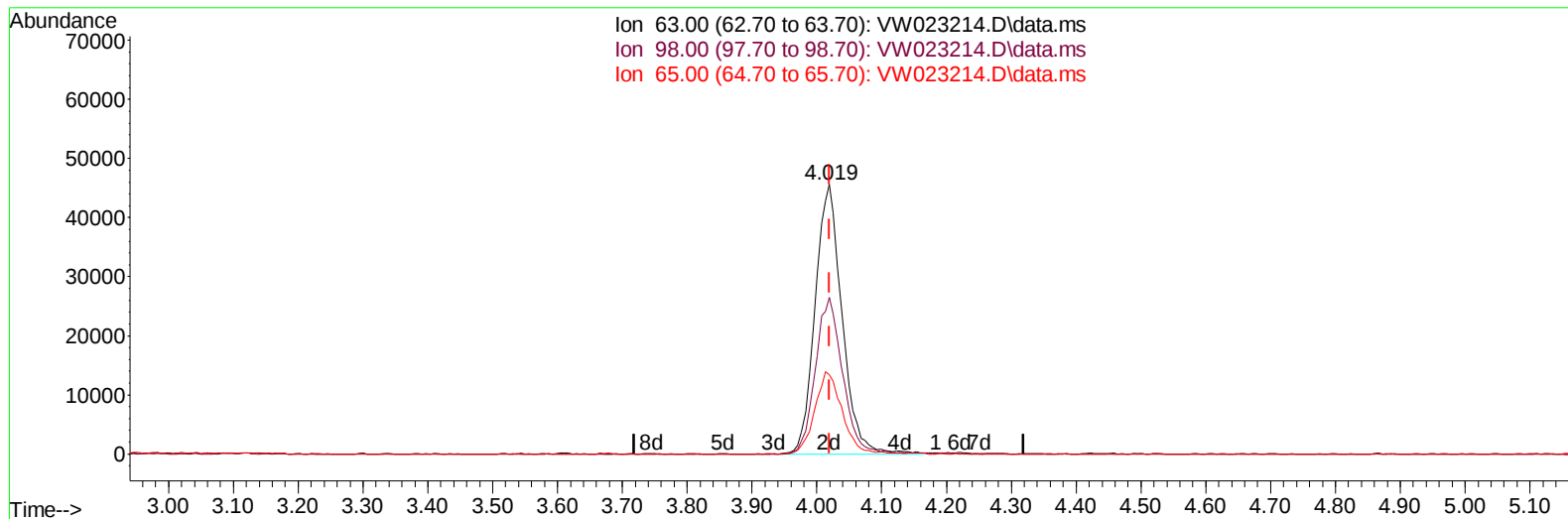
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
Data File : VW023214.D  
Acq On : 20 May 2022 22:11  
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Instrument :  
MSVOA\_W  
ClientSampleId :  
EXXZ4

Manual IntegrationsAPPROVED

Quant Time: May 21 01:50:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat May 21 01:30:17 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/22/2022  
Supervised By :Mahesh Dadoda 05/25/2022



TIC: VW023214.D\data.ms

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

4.019min (-0.000) 15.61 ug/L m

response 131535

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 72.80  | 0.17#  |
| 65.00 | 23.30  | 0.06#  |
| 0.00  | 0.00   | 0.00   |

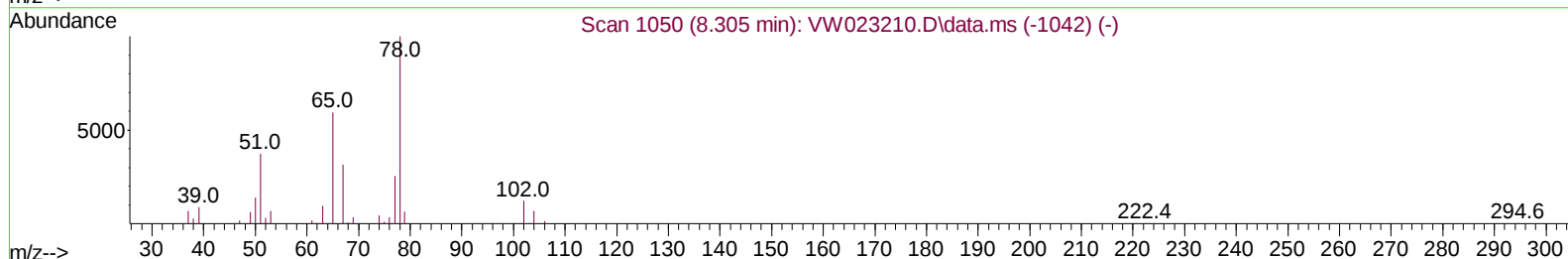
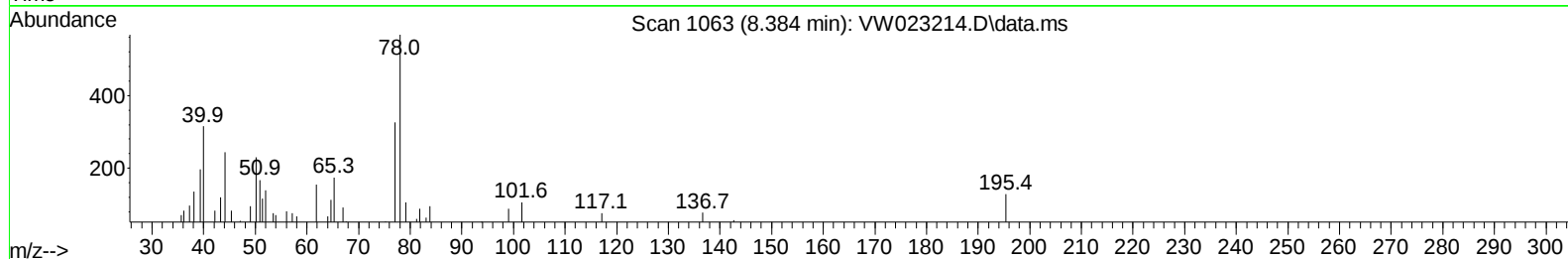
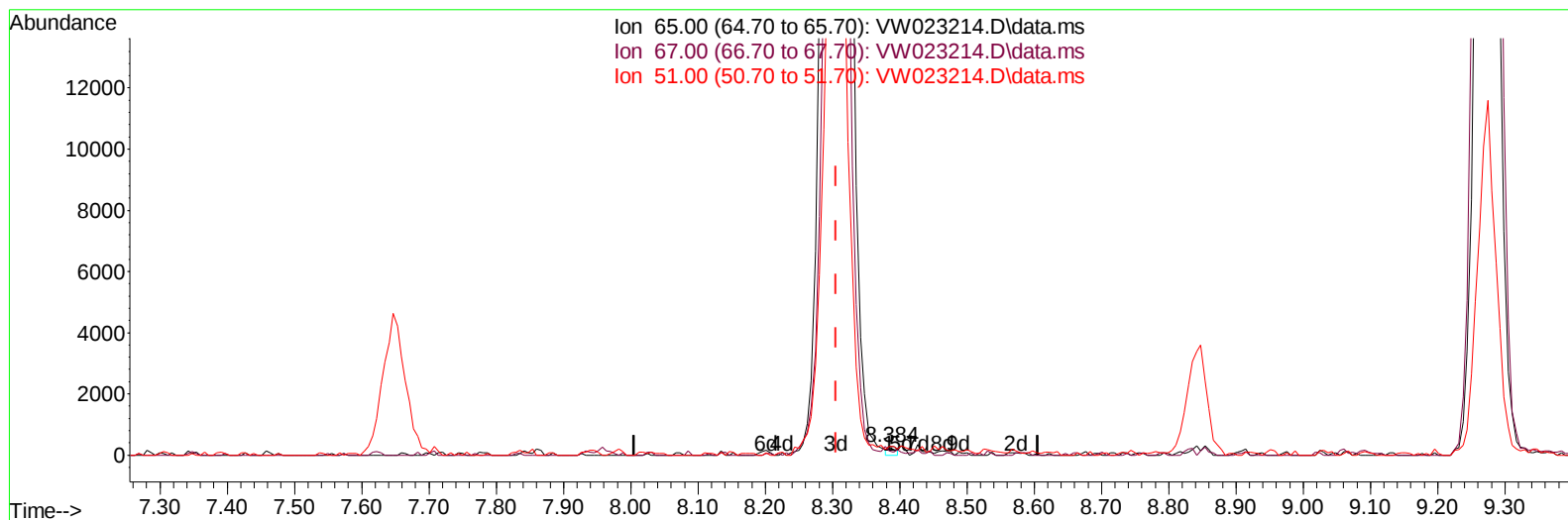
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
 Data File : VW023214.D  
 Acq On : 20 May 2022 22:11  
 Operator : SY/VA  
 Sample : N2925-17  
 Misc : 4.55g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXXZ4

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2022  
 Supervised By :Mahesh Dadoda 05/25/2022

Quant Time: May 21 01:50:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration



TIC: VW023214.D\data.ms

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

8.384min (+ 0.079) 0.06 ug/L

response 282

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 53.55  |
| 51.00 | 92.30  | 84.40  |
| 0.00  | 0.00   | 0.00   |

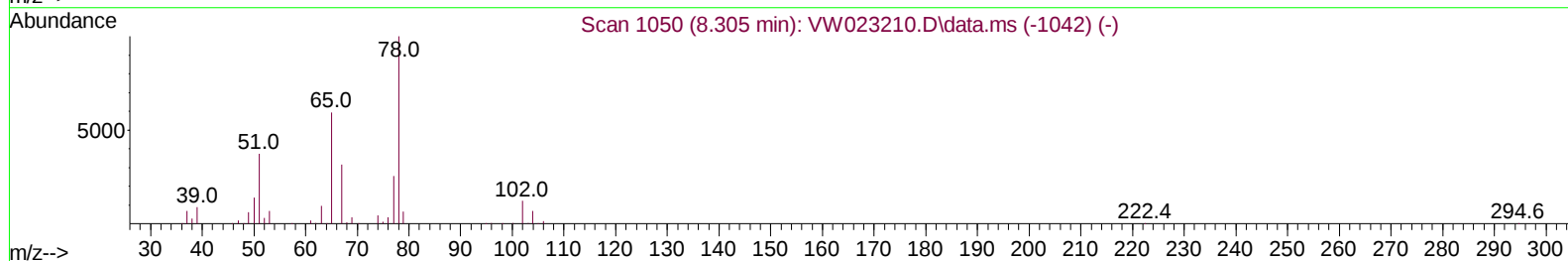
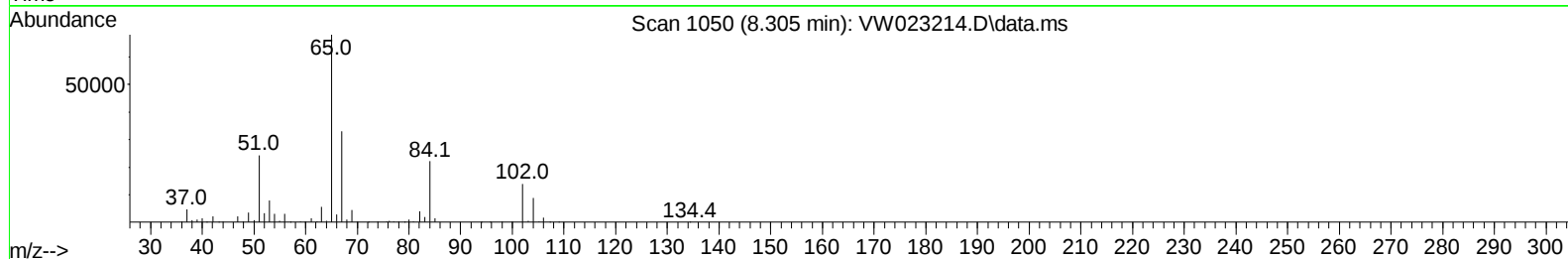
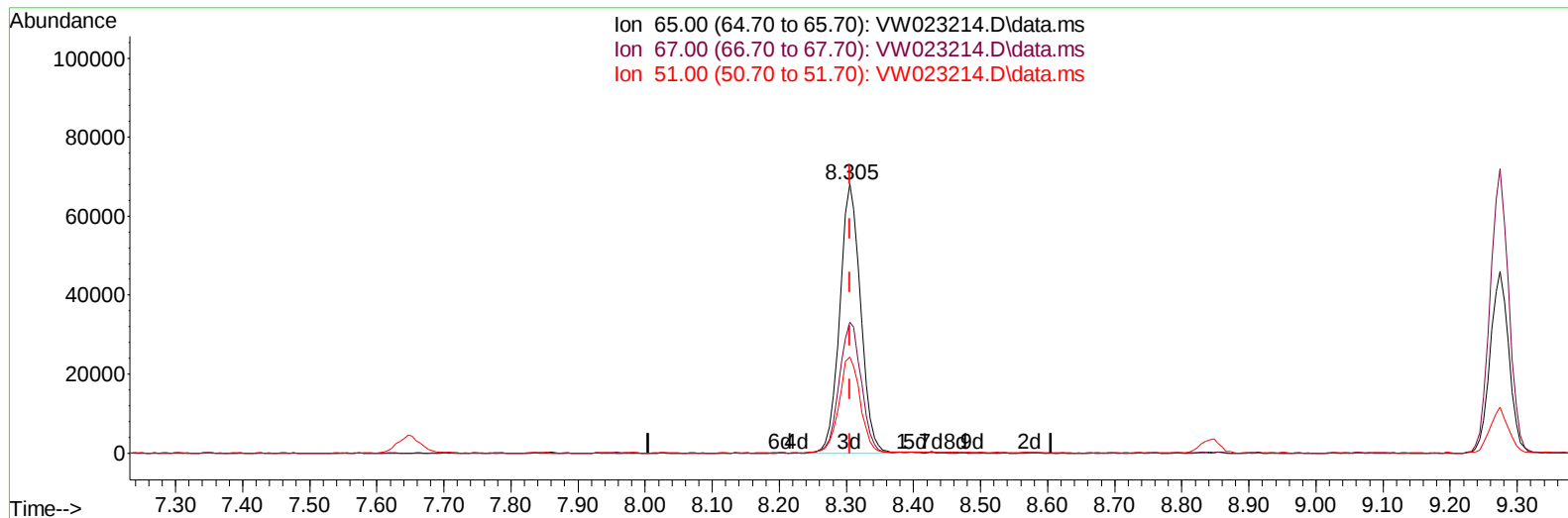
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
 Data File : VW023214.D  
 Acq On : 20 May 2022 22:11  
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 Sample : N2925-17  
 Misc : 4.55g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXXZ4

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2022  
 Supervised By :Mahesh Dadoda 05/25/2022

Quant Time: May 21 02:20:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration



TIC: VW023214.D\data.ms

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

8.305min (-0.000) 28.76 ug/L m

response 146902

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.10#  |
| 51.00 | 92.30  | 0.16#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
 Data File : VW023214.D  
 Acq On : 20 May 2022 22:11  
 Operator : SY/VA  
 Sample : N2925-17  
 Misc : 4.55g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXXZ4

Manual IntegrationsAPPROVED

Quant Time: May 21 02:20:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/22/2022  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|-----------|----------|
| -----                         |          |       |          |        |           |          |
| Internal Standards            |          |       |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 8.841    | 114   | 317823   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 277740   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 104651   | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 154349   | 23.671 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 94.680%   |          |
| 7) Chloroethane-d5            | 2.879    | 69    | 97443    | 22.970 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 91.880%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    | 131535m  | 15.612 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 62.440%   |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 65890    | 53.147 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 106.300%  |          |
| 24) Chloroform-d              | 7.647    | 84    | 247629   | 26.594 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 106.360%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 146902m  | 28.765 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 115.040%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 443968   | 27.733 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 110.920%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 139260   | 30.968 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 123.880%# |          |
| 41) Toluene-d8                | 10.323   | 98    | 363404   | 23.499 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 94.000%   |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 50117    | 24.205 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 96.800%   |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 44555    | 51.902 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 103.800%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 124362   | 29.671 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 118.680%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 106116   | 29.007 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 116.040%  |          |

Target Compounds Qvalue

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

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## Manual IntegrationsAPPROVED

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Quant Time: May 21 02:20:52 2022  
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