

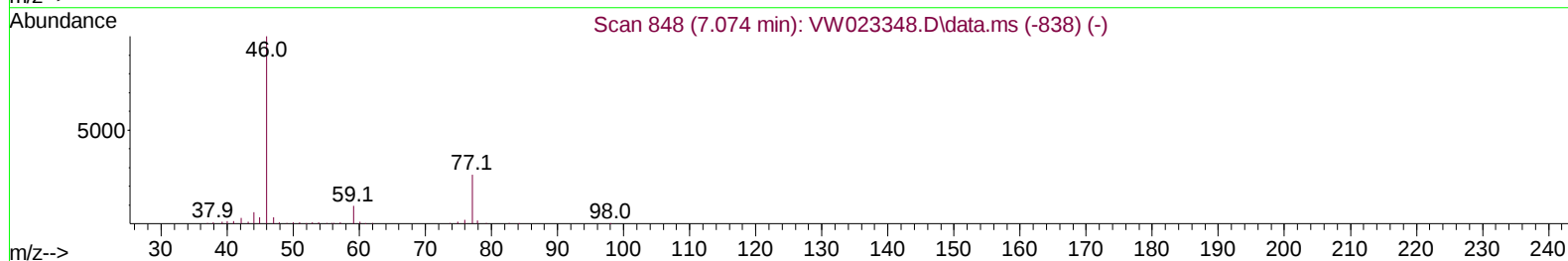
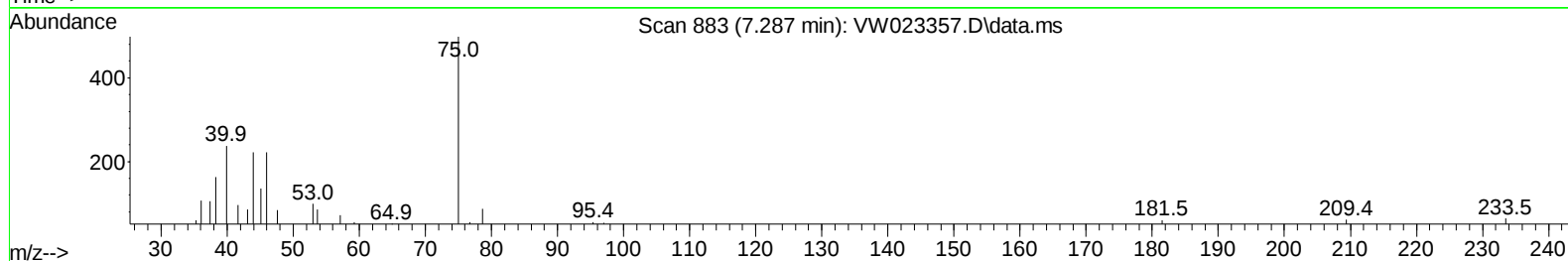
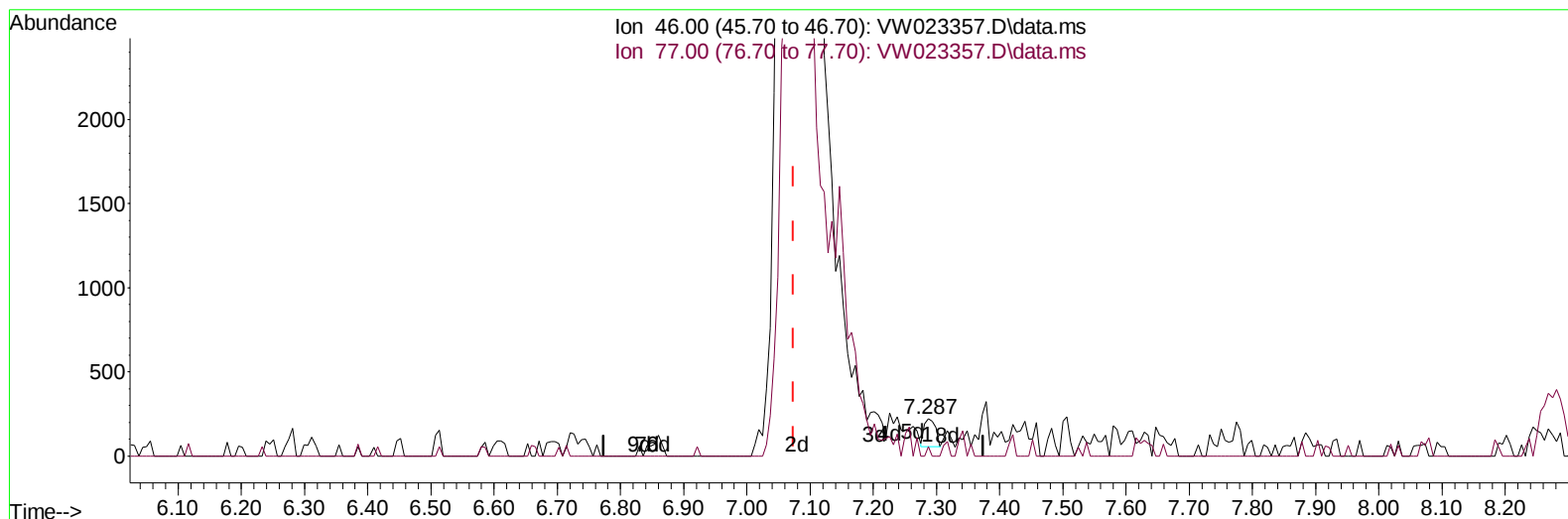
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052622\  
 Data File : VW023357.D  
 Acq On : 26 May 2022 13:51  
 Operator : SY/VA  
 Sample : VIBLK487  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK487

Manual IntegrationsAPPROVED

Quant Time: May 27 00:24:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 27 00:22:20 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/27/2022  
 Supervised By :Mahesh Dadoda 05/31/2022



TIC: VW023357.D\data.ms

**(21) 2-Butanone-d5 (S)**

7.287min (+ 0.213) 0.16 ug/L

response 206

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.90  | 19.42  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

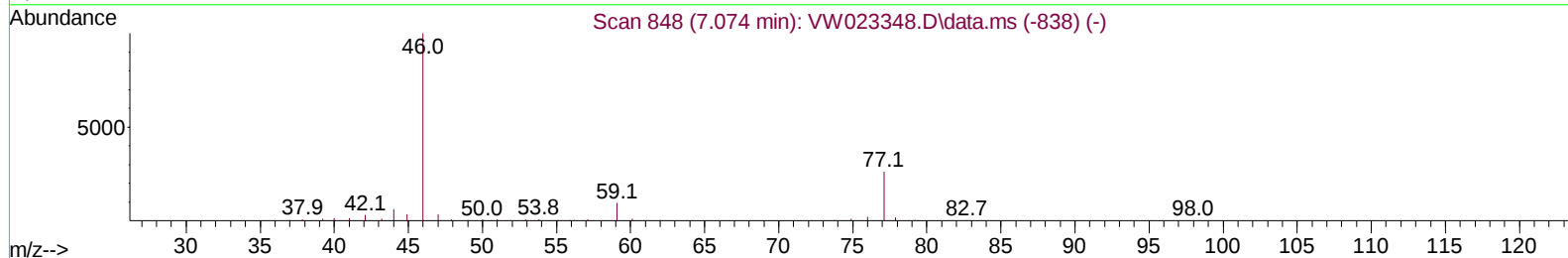
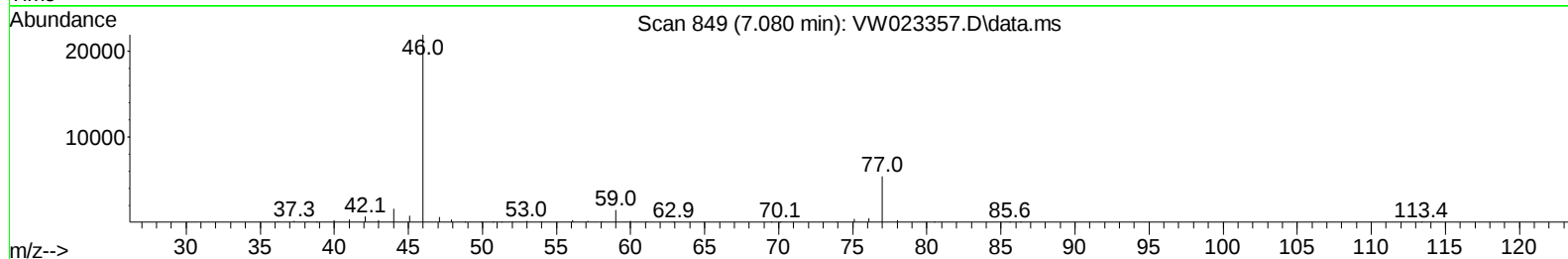
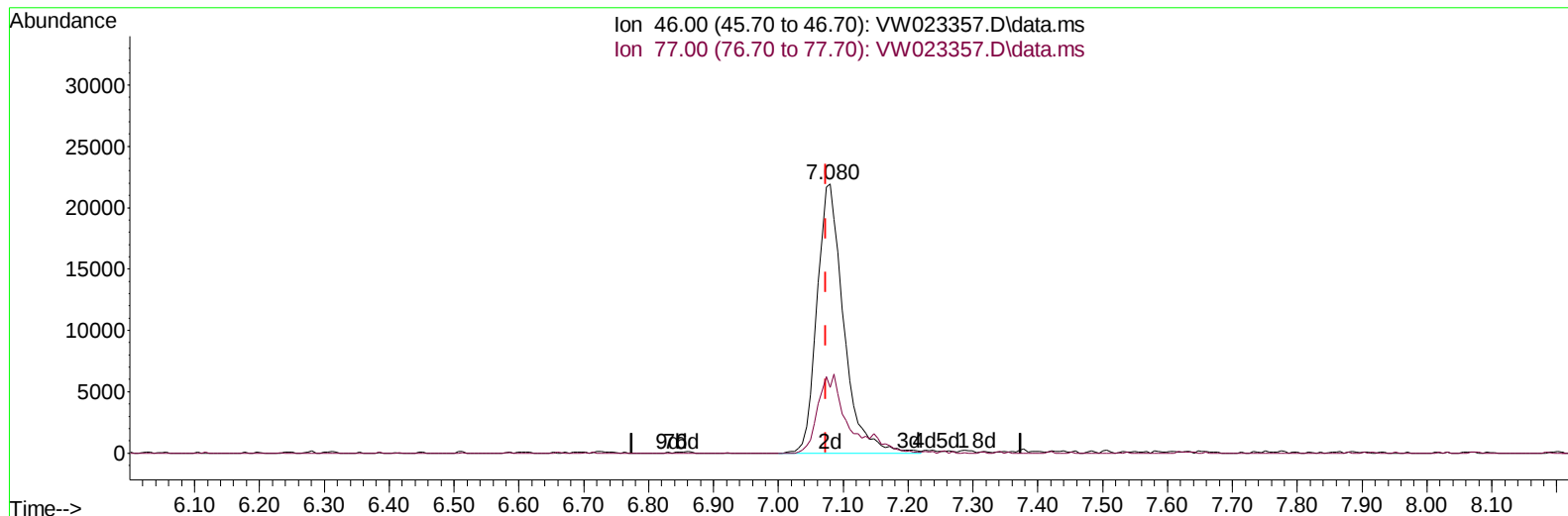
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Quant Time: May 27 00:24:32 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Fri May 27 00:22:20 2022  
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TIC: VW023357.D\data.ms

**(21) 2-Butanone-d5 (S)**

**7.080min (+ 0.006) 48.35 ug/L m**

**response 62806**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.90  | 0.06#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

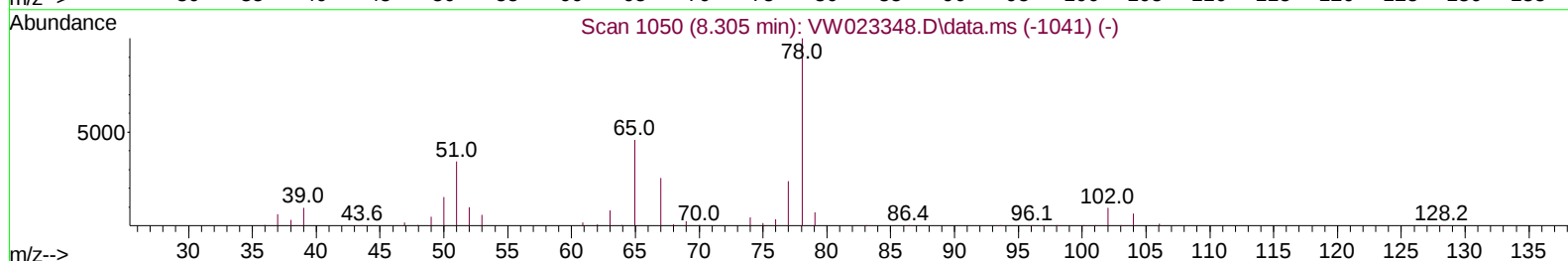
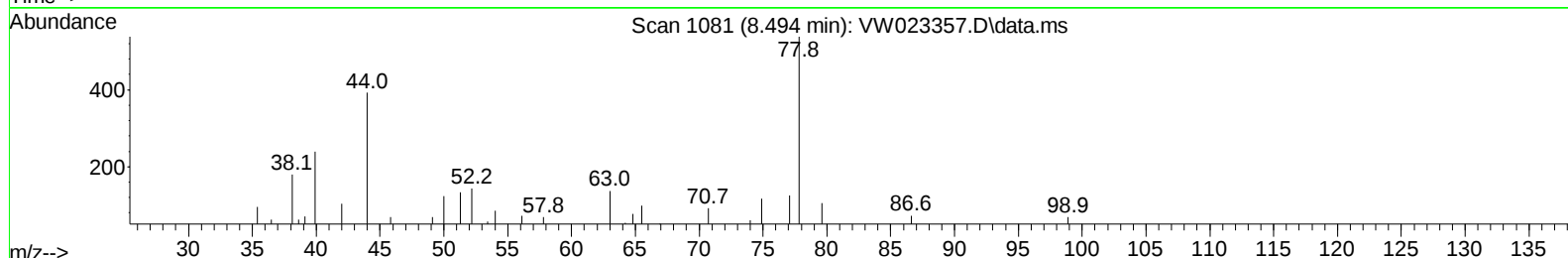
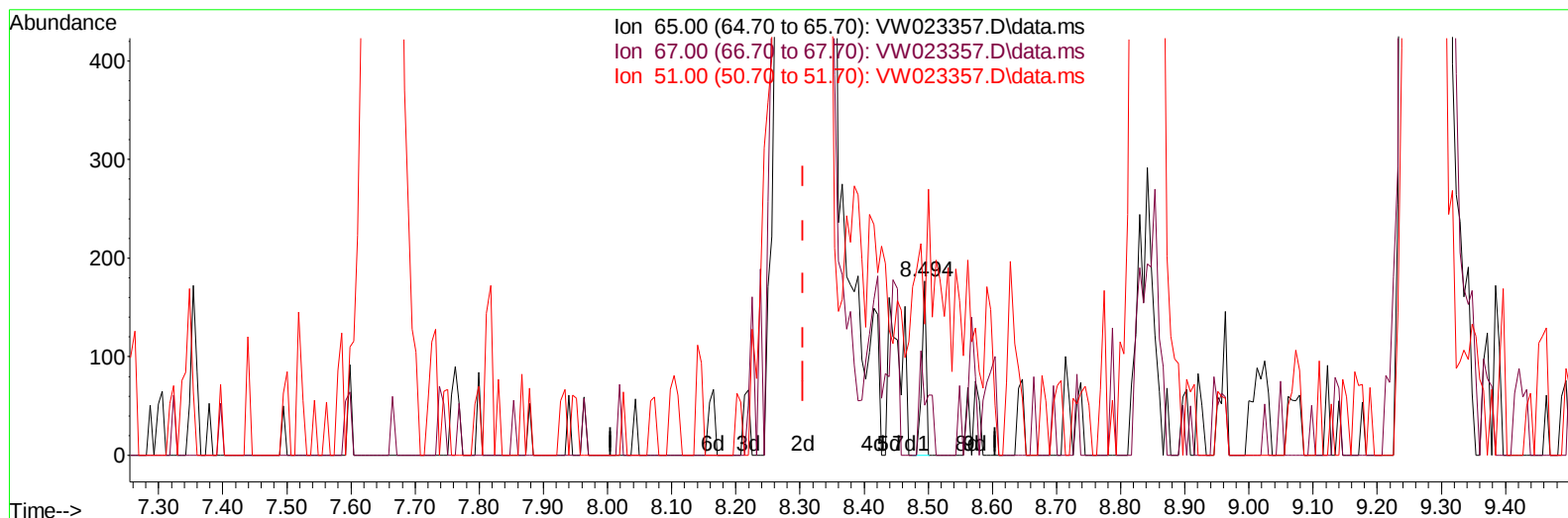
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 Data File : VW023357.D  
 Acq On : 26 May 2022 13:51  
 Operator : SY/VA  
 Sample : VIBLK487  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK487

Manual IntegrationsAPPROVED

Quant Time: May 27 00:24:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 27 00:22:20 2022  
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TIC: VW023357.D\data.ms

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

8.494min (+ 0.189) 0.02 ug/L

response 86

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 52.33  |
| 51.00 | 92.30  | 89.53  |
| 0.00  | 0.00   | 0.00   |

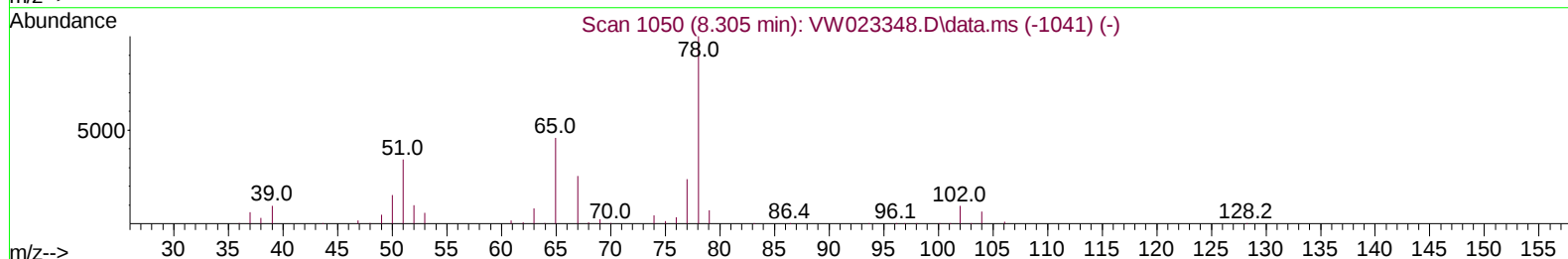
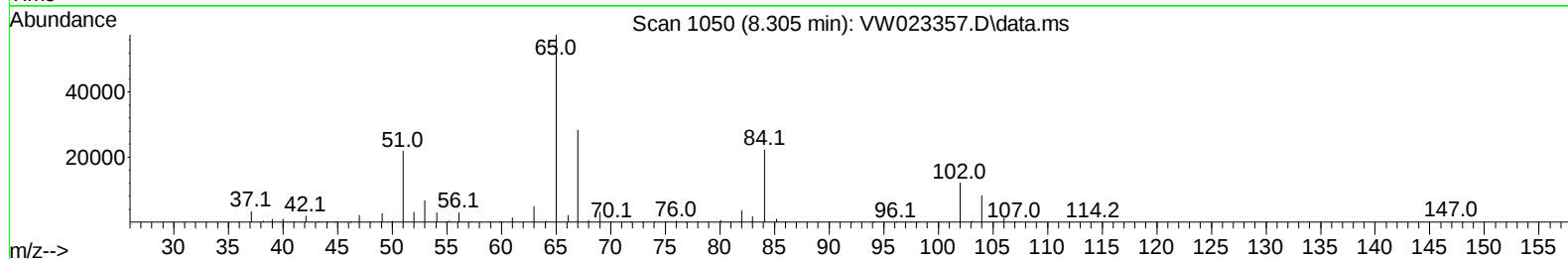
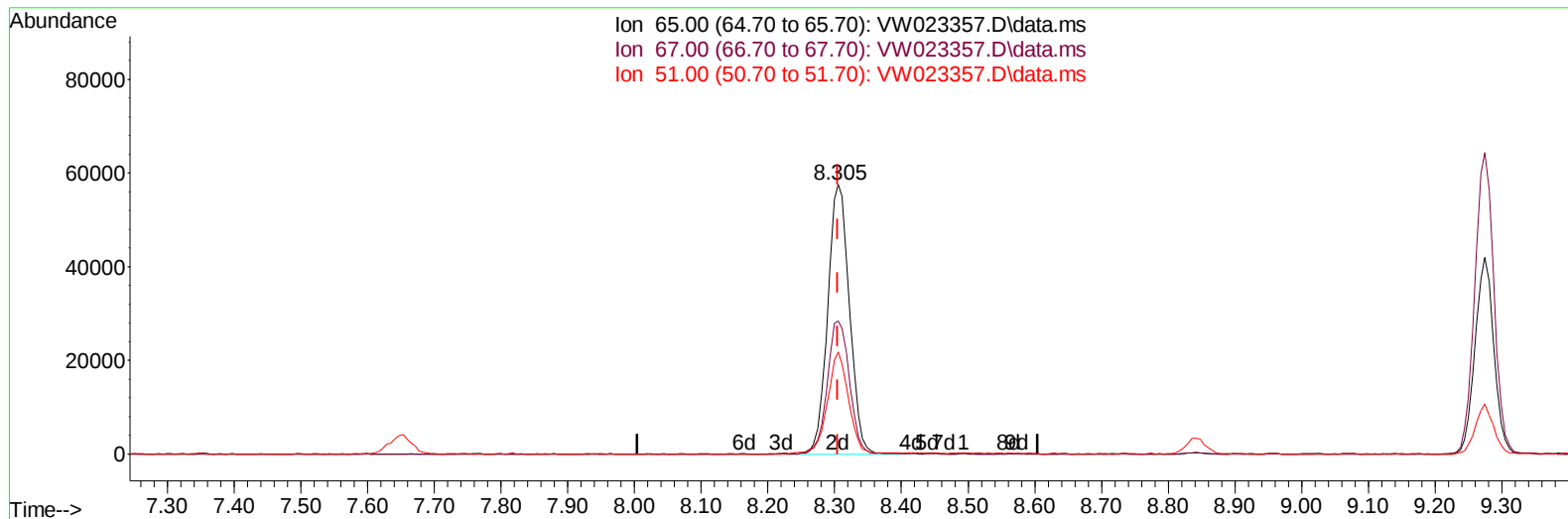
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 Data File : VW023357.D  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK487

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2022  
 Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 27 00:24:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 27 00:22:20 2022  
 Response via : Initial Calibration



TIC: VW023357.D\data.ms

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

8.305min ( 0.000) 24.26 ug/L m

response 129804

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.03#  |
| 51.00 | 92.30  | 0.06#  |
| 0.00  | 0.00   | 0.00   |

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 Data File : VW023357.D  
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 Operator : SY/VA  
 Sample : VIBLK487  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK487

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2022  
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Quant Time: May 27 00:24:32 2022  
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 Response via : Initial Calibration

| Compound                      | R.T.     | Q     | Ion | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|-----|----------|--------|----------|----------|
| -----                         |          |       |     |          |        |          |          |
| Internal Standards            |          |       |     |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   |     | 333034   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   |     | 324522   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   |     | 173851   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    |     | 119142   | 17.437 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 69.760%  |          |
| 7) Chloroethane-d5            | 2.885    | 69    |     | 72343    | 16.274 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 65.080%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    |     | 125053   | 14.165 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 56.640%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    |     | 62806m   | 48.345 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 96.700%  |          |
| 24) Chloroform-d              | 7.647    | 84    |     | 228553   | 23.424 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 93.680%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    |     | 129804m  | 24.256 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 97.040%  |          |
| 32) Benzene-d6                | 8.275    | 84    |     | 434310   | 23.219 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 92.880%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    |     | 127985   | 24.358 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 97.440%  |          |
| 41) Toluene-d8                | 10.323   | 98    |     | 416106   | 23.028 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 92.120%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    |     | 54217    | 22.410 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 89.640%  |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    |     | 48577    | 48.429 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 96.860%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    |     | 119189   | 24.337 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 97.360%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847   | 152   |     | 155116   | 25.524 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 102.080% |          |

Target Compounds Qvalue

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

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Instrument :  
MSVOA\_W  
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