

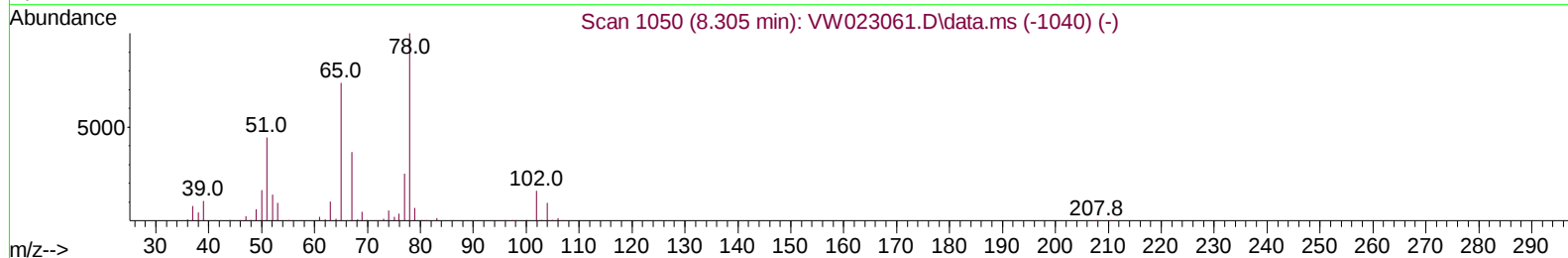
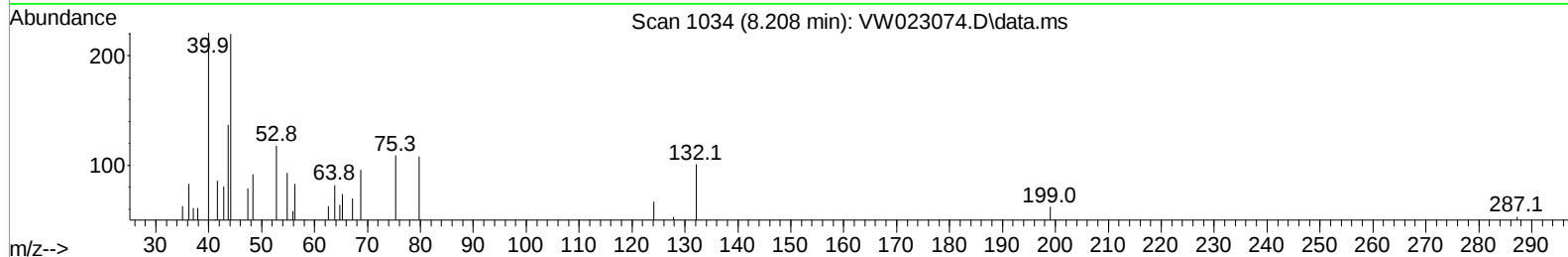
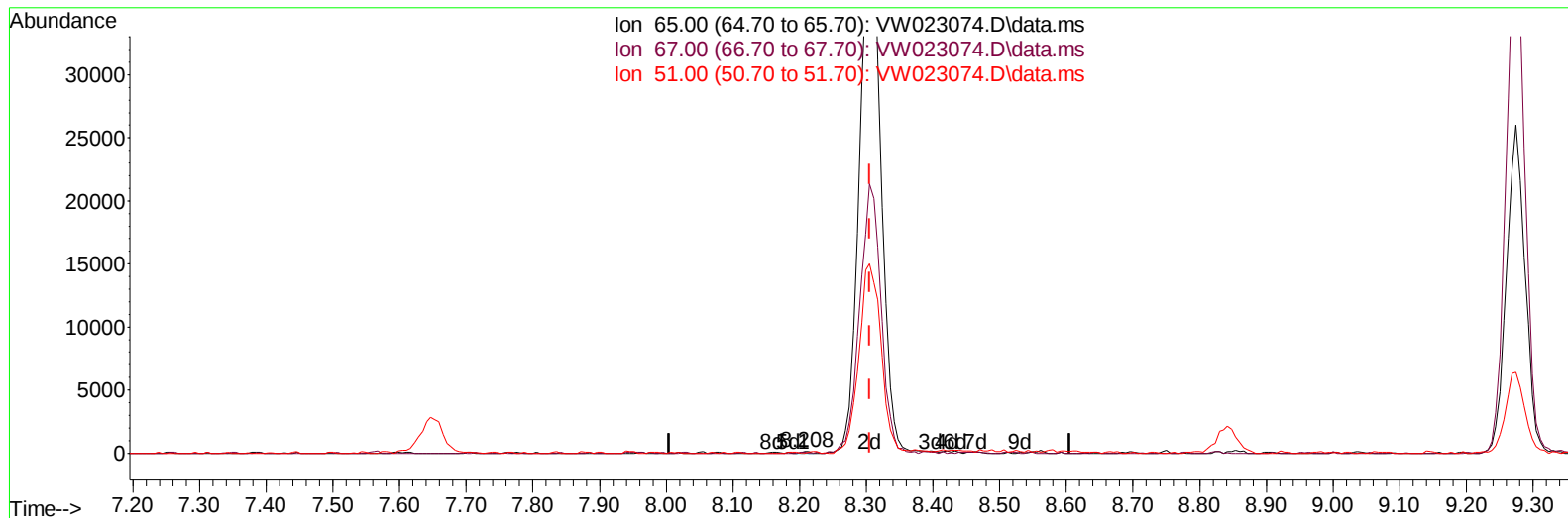
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051622\  
 Data File : VW023074.D  
 Acq On : 17 May 2022 00:43  
 Operator : SY/VA  
 Sample : N2843-22  
 Misc : 6.35g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4K2

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2022  
 Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 17 03:14:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 17 02:41:35 2022  
 Response via : Initial Calibration



TIC: VW023074.D\data.ms

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

8.208min (-0.097) 0.03 ug/L

response 113

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 53.98  |
| 51.00 | 92.30  | 95.58  |
| 0.00  | 0.00   | 0.00   |

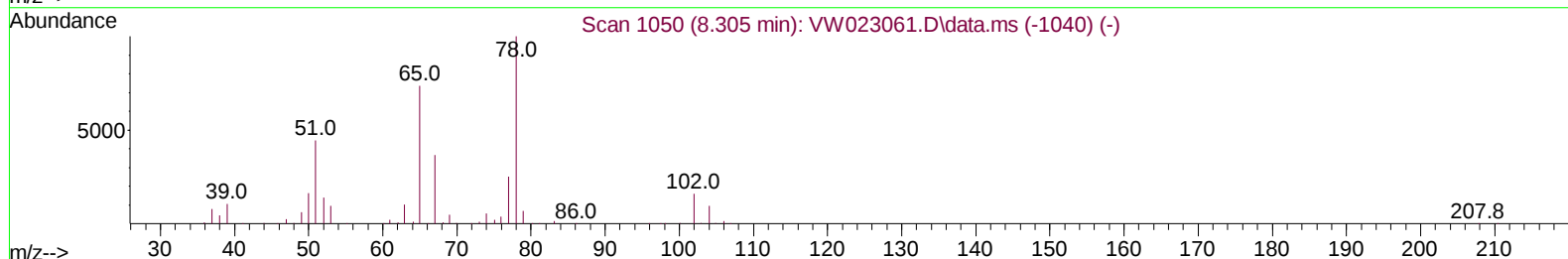
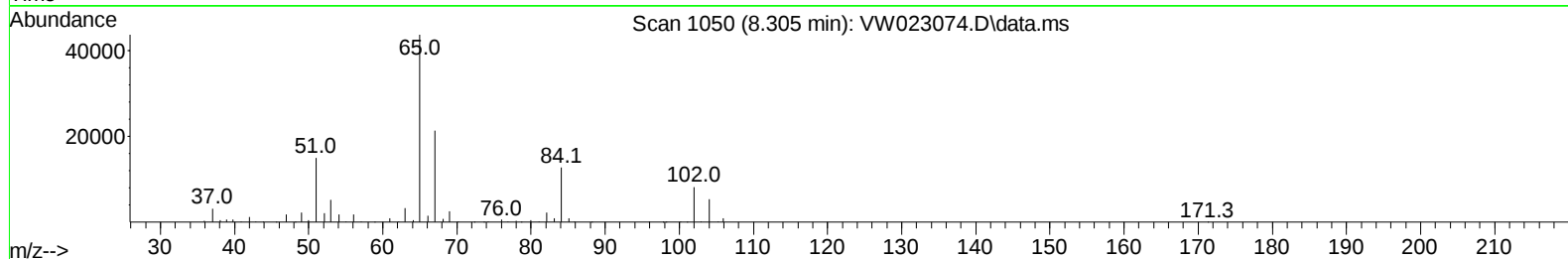
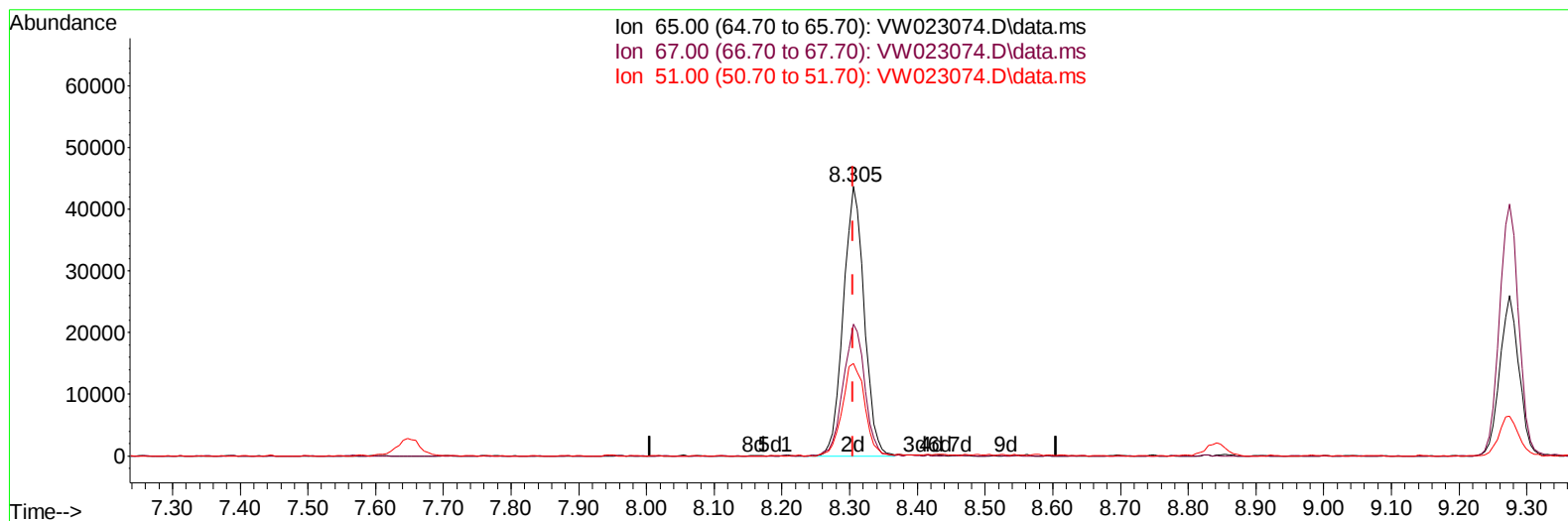
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051622\  
 Data File : VW023074.D  
 Acq On : 17 May 2022 00:43  
 Operator : SY/VA  
 Sample : N2843-22  
 Misc : 6.35g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4K2

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2022  
 Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 17 03:14:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 17 02:41:35 2022  
 Response via : Initial Calibration



TIC: VW023074.D\data.ms

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

8.305min (+ 0.000) 27.20 ug/L m

response 93419

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.07#  |
| 51.00 | 92.30  | 0.12#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051622\  
 Data File : VW023074.D  
 Acq On : 17 May 2022 00:43  
 Operator : SY/VA  
 Sample : N2843-22  
 Misc : 6.35g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4K2

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2022  
 Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 17 03:14:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 17 02:41:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response | Conc    | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|-----------|----------|
| -----                         |          |       |          |         |           |          |
| Internal Standards            |          |       |          |         |           |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 213705   | 25.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 124106   | 25.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 19358    | 25.000  | ug/L      | 0.00     |
|                               |          |       |          |         |           |          |
| System Monitoring Compounds   |          |       |          |         |           |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 84811    | 19.343  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 77.360%   |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 67277    | 23.586  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 94.360%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    | 77898    | 13.750  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =       | 55.000%   |          |
| 21) 2-Butanone-d5             | 7.074    | 46    | 72122    | 86.516  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 173.040%# |          |
| 24) Chloroform-d              | 7.647    | 84    | 154083   | 24.610  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =       | 98.440%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 93419m   | 27.205  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =       | 108.800%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 259711   | 36.306  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =       | 145.240%# |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 80767    | 40.194  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =       | 160.760%# |          |
| 41) Toluene-d8                | 10.323   | 98    | 178626   | 25.850  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =       | 103.400%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 22542    | 24.364  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =       | 97.440%   |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 41195    | 107.393 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 214.780%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 66858    | 35.697  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =       | 142.800%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847   | 152   | 18536    | 27.392  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =       | 109.560%  |          |
|                               |          |       |          |         |           |          |
| Target Compounds              |          |       |          |         |           |          |
| 13) Acetone                   | 4.129    | 43    | 7914     | 12.680  | ug/L      | 100      |
| 42) Toluene                   | 10.384   | 91    | 7851     | 0.958   | ug/L      | 96       |
| -----                         |          |       |          |         |           |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051622\  
Data File : VW023074.D  
Acq On : 17 May 2022 00:43  
Operator : SY/VA  
Sample : N2843-22  
Misc : 6.35g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4K2

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2022  
Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 17 03:14:12 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Tue May 17 02:41:35 2022  
Response via : Initial Calibration

