

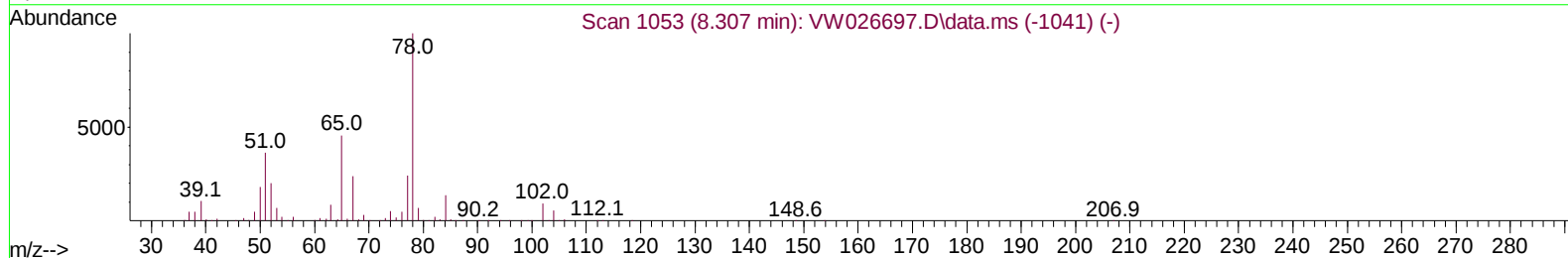
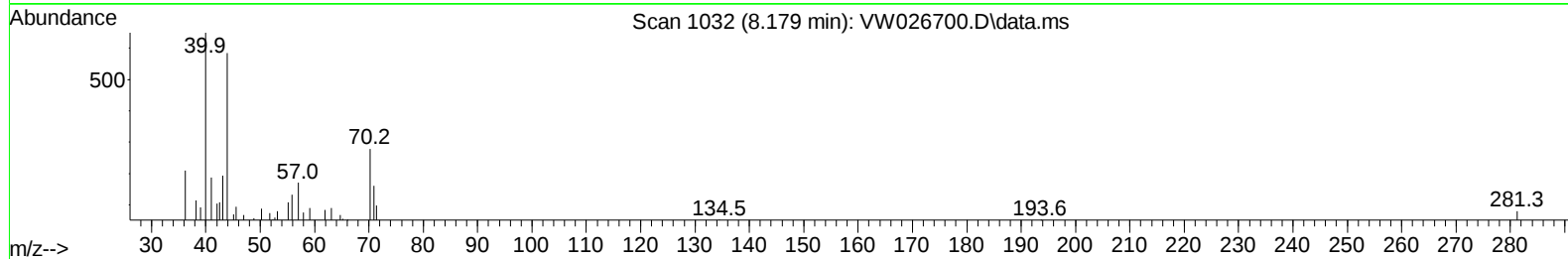
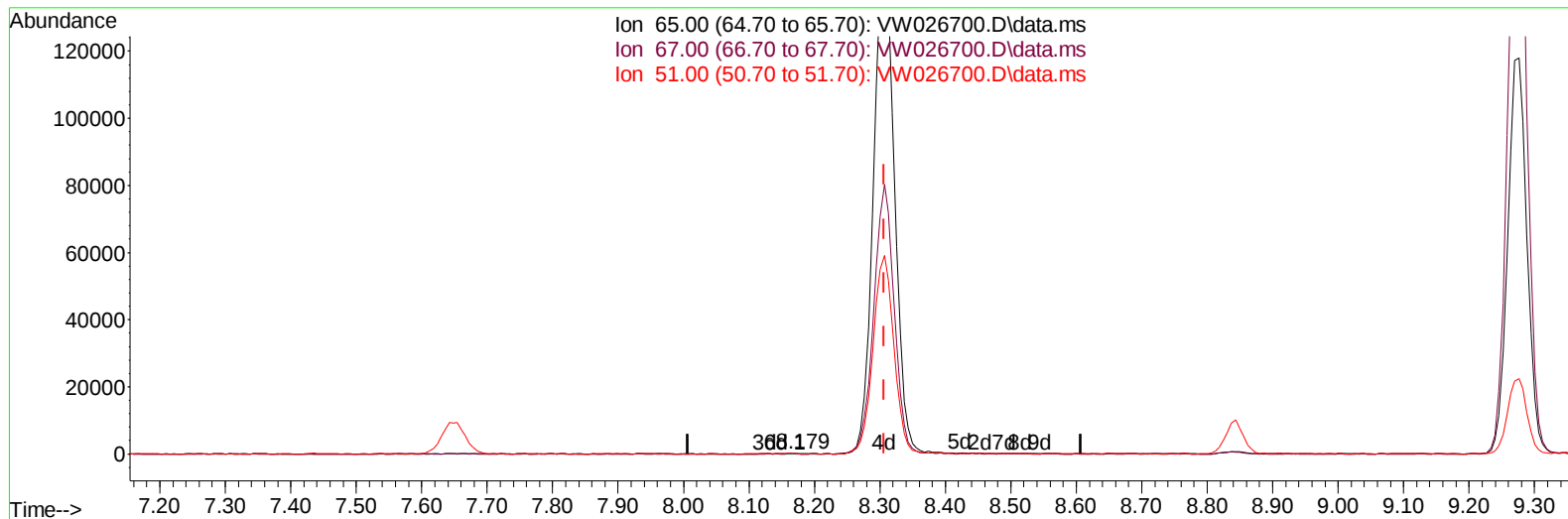
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081123\  
 Data File : VW026700.D  
 Acq On : 11 Aug 2023 10:36  
 Operator : SY/MD  
 Sample : 03967-05RE  
 Misc : 4.80g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A48K5

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2023  
 Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 12 00:41:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 12 00:39:51 2023  
 Response via : Initial Calibration



TIC: VW026700.D\data.ms

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

8.179min (-0.128) 0.01 ug/L

response 229

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 38.86  |
| 51.00 | 112.90 | 123.14 |
| 0.00  | 0.00   | 0.00   |

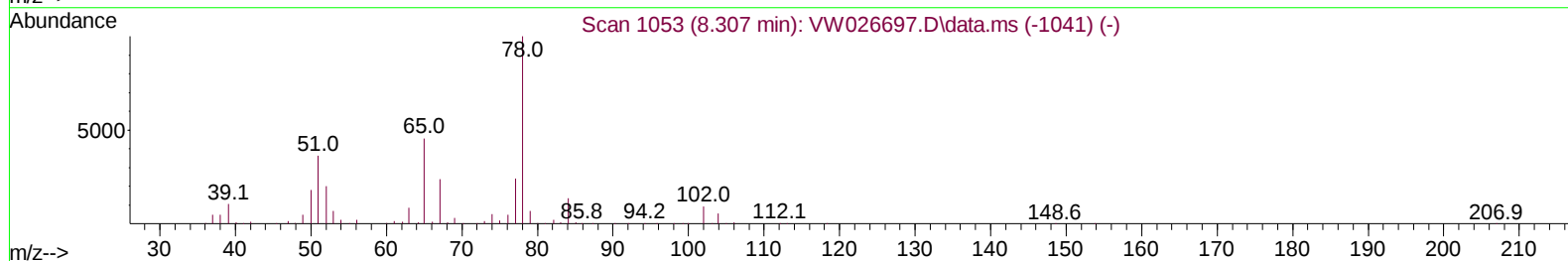
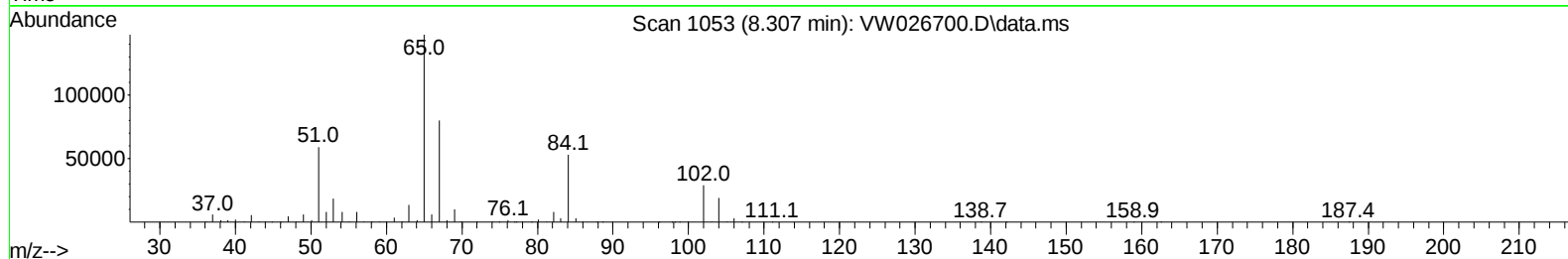
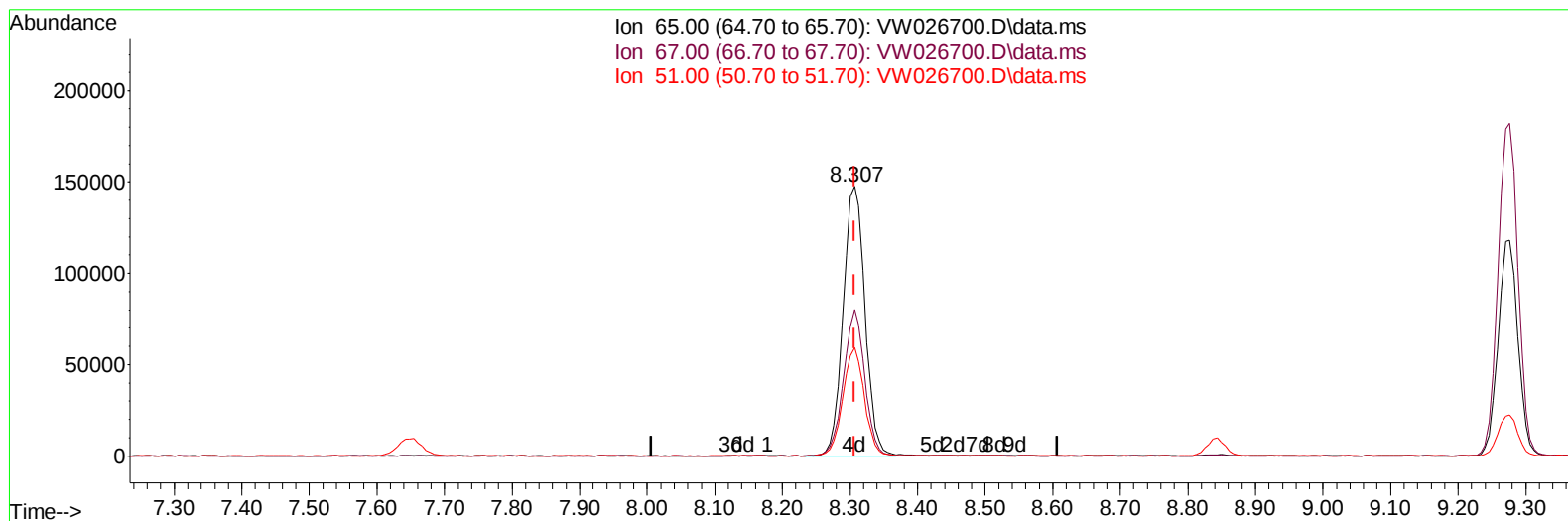
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TIC: VW026700.D\data.ms

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

8.307min (-0.000) 21.35 ug/L m

response 330525

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 0.03#  |
| 51.00 | 112.90 | 0.09#  |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|-------|----------|
| -----                         |          |       |     |            |          |       |          |
| Internal Standards            |          |       |     |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 835664     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 670888     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 198621     | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 273584     | 19.915   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 79.680%  |       |          |
| 7) Chloroethane-d5            | 2.899    | 69    |     | 213010     | 20.852   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 83.400%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 132649     | 19.633   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 78.520%  |       |          |
| 21) 2-Butanone-d5             | 7.081    | 46    |     | 137768     | 34.892   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 69.780%  |       |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 582894     | 20.783   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 83.120%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 330525m    | 21.355   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 85.400%  |       |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 1188770    | 25.710   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 102.840% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 375725     | 26.088   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 104.360% |       |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 978240     | 24.647   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 98.600%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.581   | 79    |     | 135267     | 22.747   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 91.000%  |       |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 62665      | 41.408   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 82.820%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 222196     | 19.535   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 78.160%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 155191     | 21.830   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 87.320%  |       |          |

Target Compounds Qvalue

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

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