

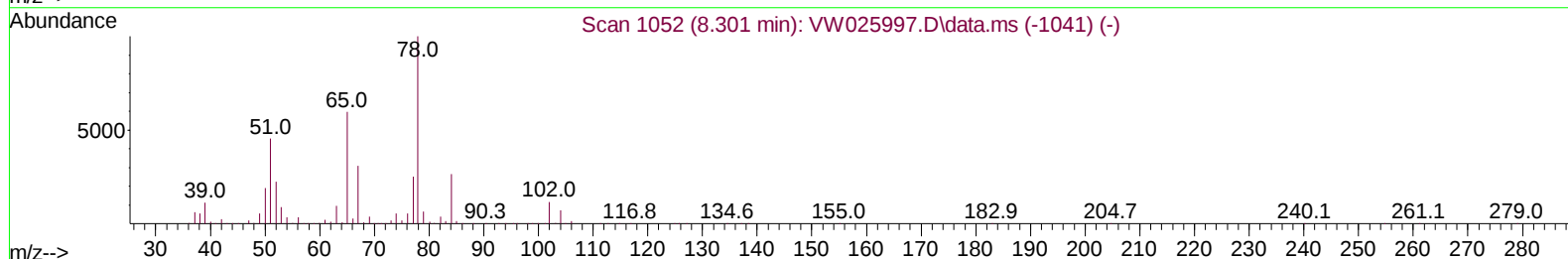
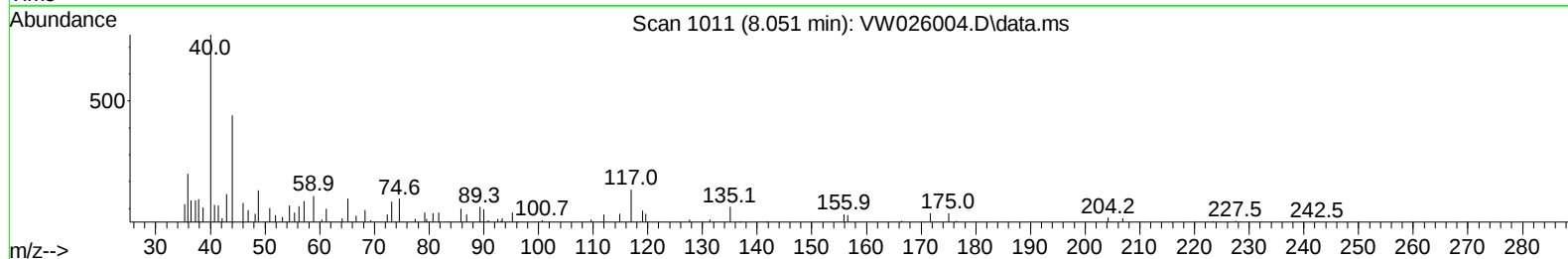
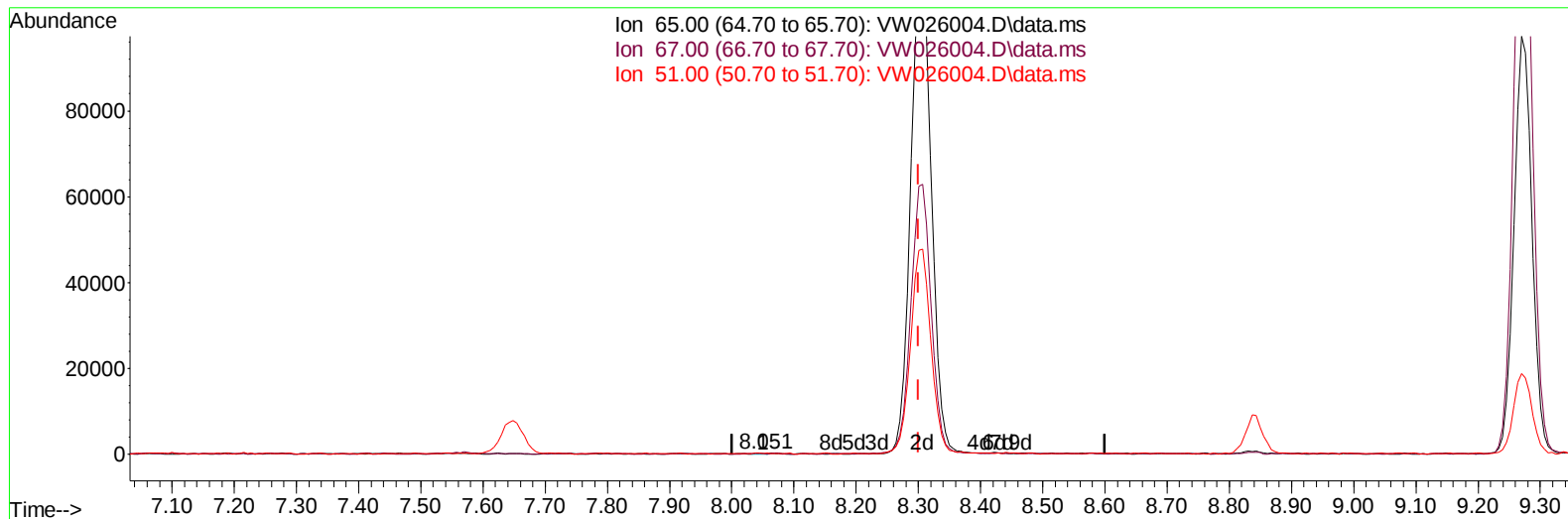
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051923\  
 Data File : VW026004.D  
 Acq On : 19 May 2023 14:52  
 Operator : SY/MD  
 Sample : 02851-09  
 Misc : 4.09g/10mL/MSVOA\_W/SoIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0FK2

Manual IntegrationsAPPROVED

Quant Time: May 20 05:08:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 20 04:57:36 2023  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 05/22/2023  
 Supervised By :Mahesh Dadoda 05/22/2023



TIC: VW026004.D\data.ms

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

8.051min (-0.250) 0.01 ug/L

response 95

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.90  | 60.00  |
| 51.00 | 112.30 | 88.42  |
| 0.00  | 0.00   | 0.00   |

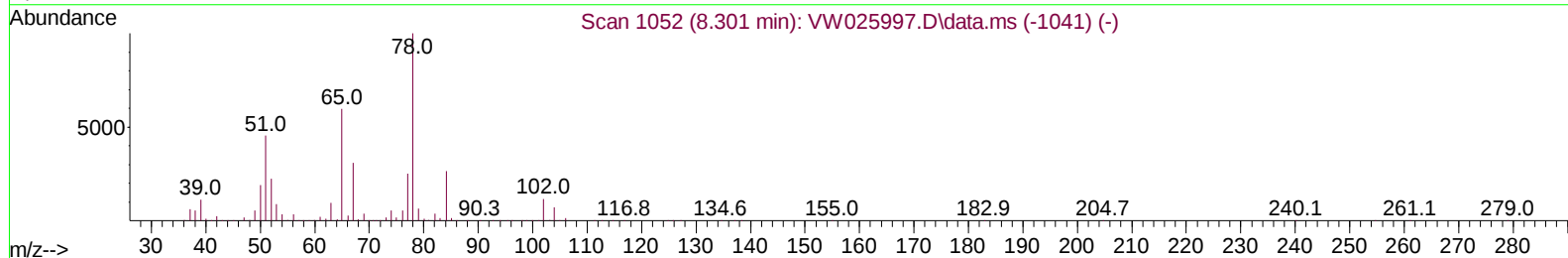
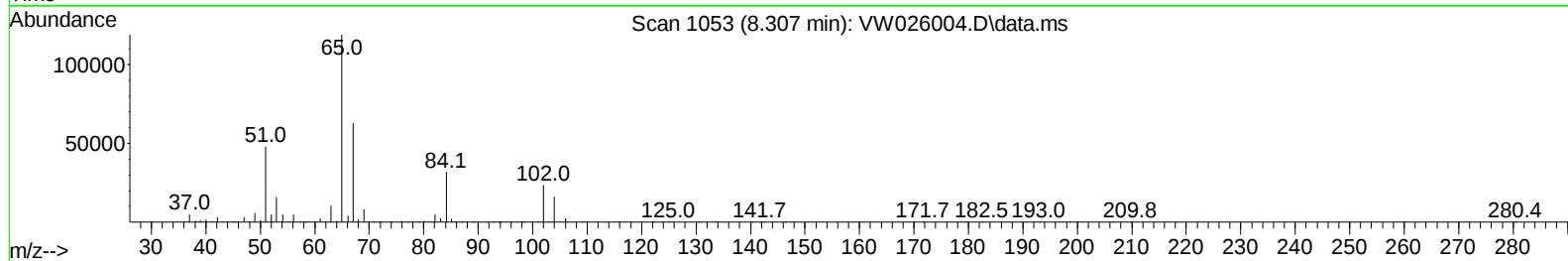
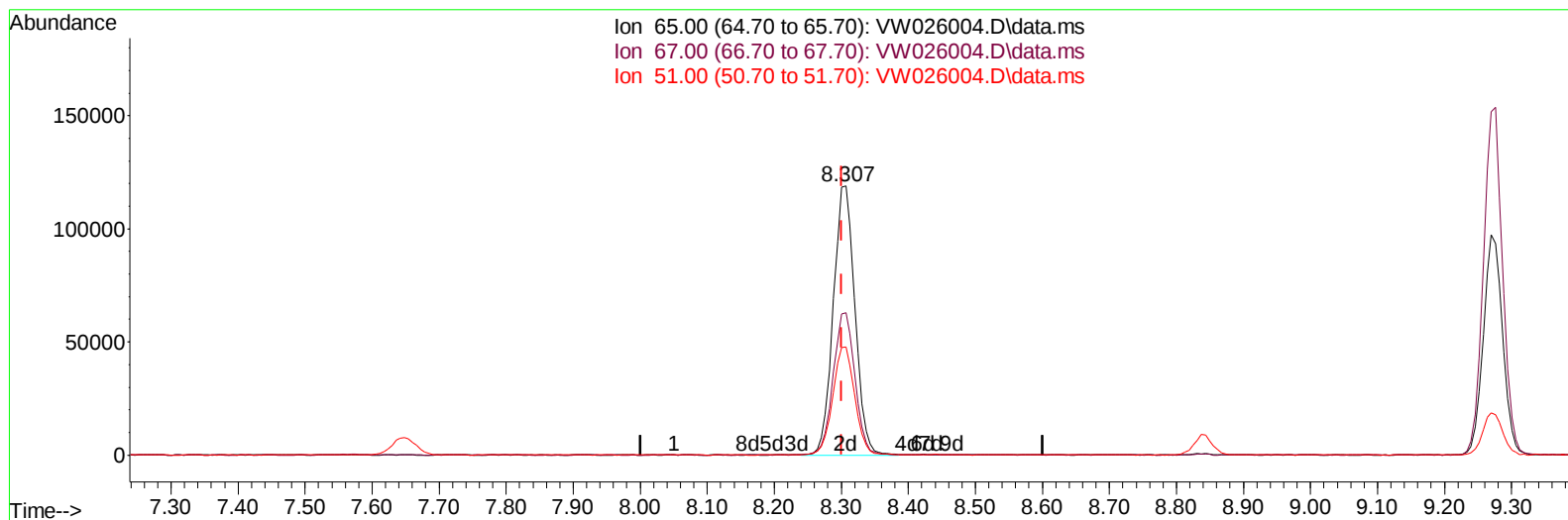
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TIC: VW026004.D\data.ms

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

8.307min (+ 0.006) 21.34 ug/L m

response 266184

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.90  | 0.02#  |
| 51.00 | 112.30 | 0.03#  |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | Q     | Ion | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|---------|--------|----------|
| -----                         |          |       |     |            |         |        |          |
| Internal Standards            |          |       |     |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 765139     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 652812     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 240432     | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |     |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 194088     | 17.901  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 71.600% |        |          |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 170488     | 21.209  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 84.840% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 97480      | 17.955  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 71.800% |        |          |
| 21) 2-Butanone-d5             | 7.075    | 46    |     | 149765     | 41.782  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 83.560% |        |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 457286     | 20.726  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 82.920% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 266184m    | 21.336  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 85.360% |        |          |
| 32) Benzene-d6                | 8.270    | 84    |     | 914398     | 21.437  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 85.760% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 305159     | 22.359  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 89.440% |        |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 752366     | 19.780  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 79.120% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 106395     | 19.232  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 76.920% |        |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 99995      | 42.967  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 85.940% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 228343     | 21.951  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 87.800% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854   | 152   |     | 191228     | 21.818  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 87.280% |        |          |
| Target Compounds              |          |       |     |            |         |        |          |
|                               |          |       |     |            |         | Qvalue |          |
| 13) Acetone                   | 4.124    | 43    |     | 35607      | 11.203  | ug/L   | 98       |
| 16) Methylene chloride        | 4.911    | 84    |     | 26222      | 1.662   | ug/L   | 98       |
| 22) 2-Butanone                | 7.173    | 43    |     | 23390      | 5.330   | ug/L   | 85       |
| -----                         |          |       |     |            |         |        |          |

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

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