

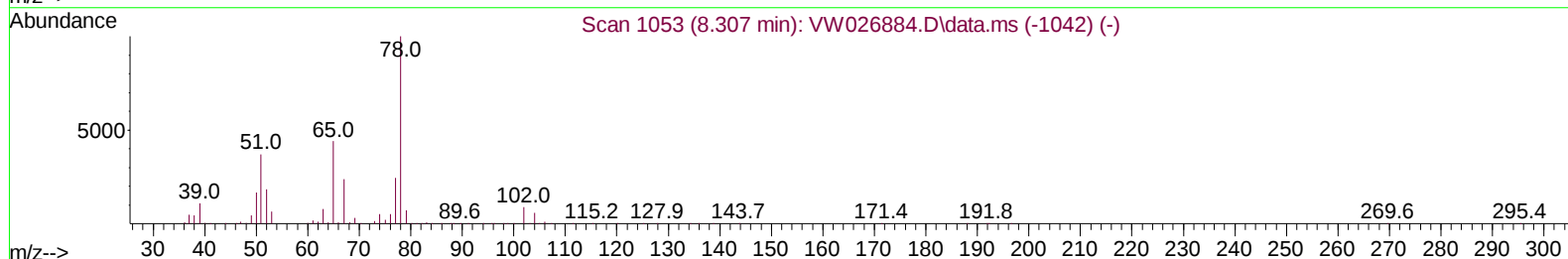
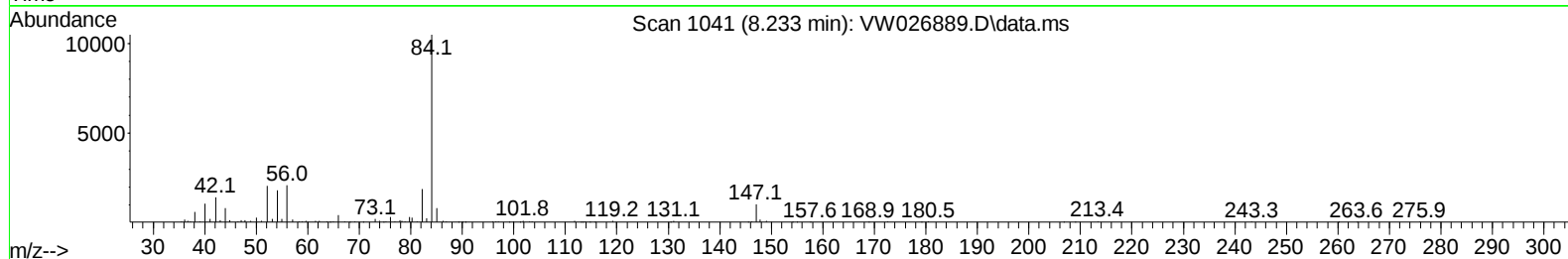
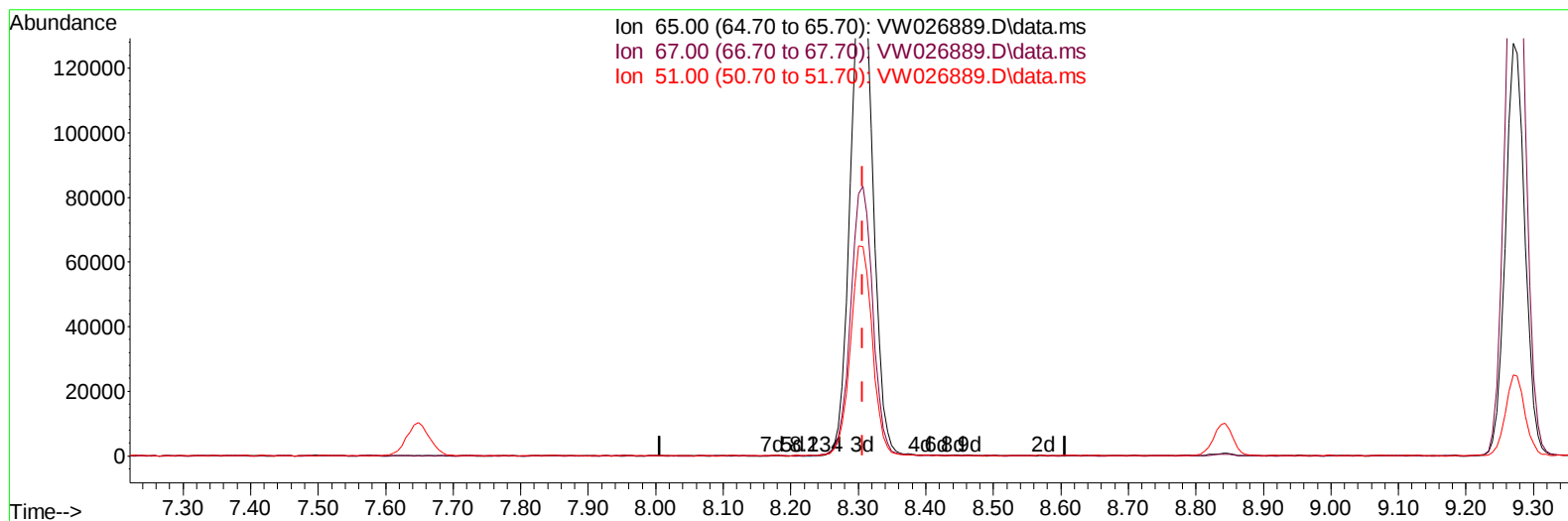
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026889.D  
 Acq On : 25 Aug 2023 12:42  
 Operator : SY/MD  
 Sample : 04157-04  
 Misc : 4.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHU0

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/28/2023  
 Supervised By :Mahesh Dadoda 08/28/2023

Quant Time: Aug 26 01:45:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 26 01:43:45 2023  
 Response via : Initial Calibration



TIC: VW026889.D\data.ms

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

8.233min (-0.073) 0.01 ug/L

response 97

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 59.79  |
| 51.00 | 112.90 | 144.33 |
| 0.00  | 0.00   | 0.00   |

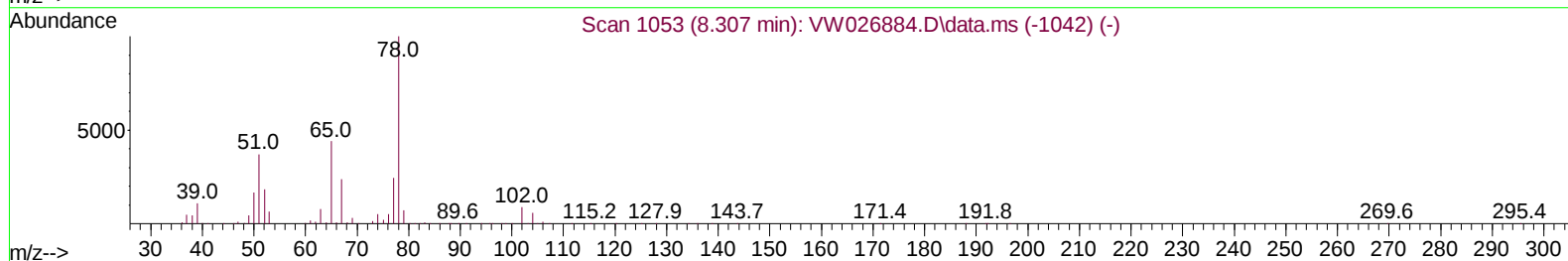
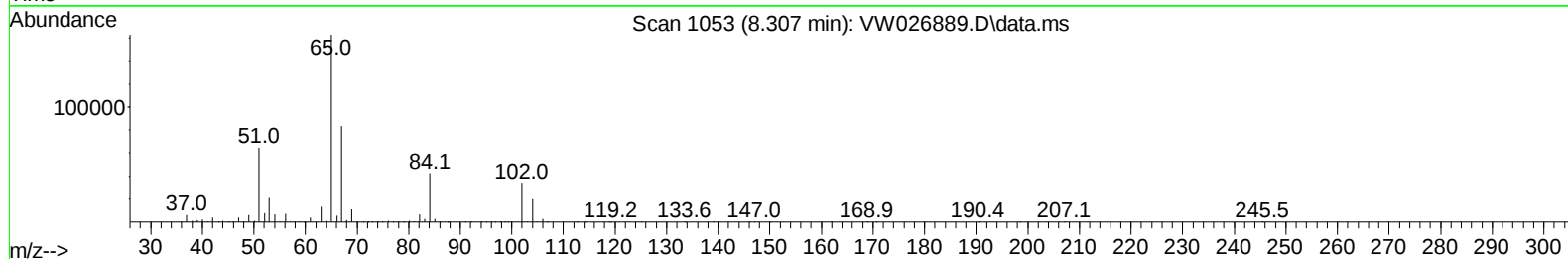
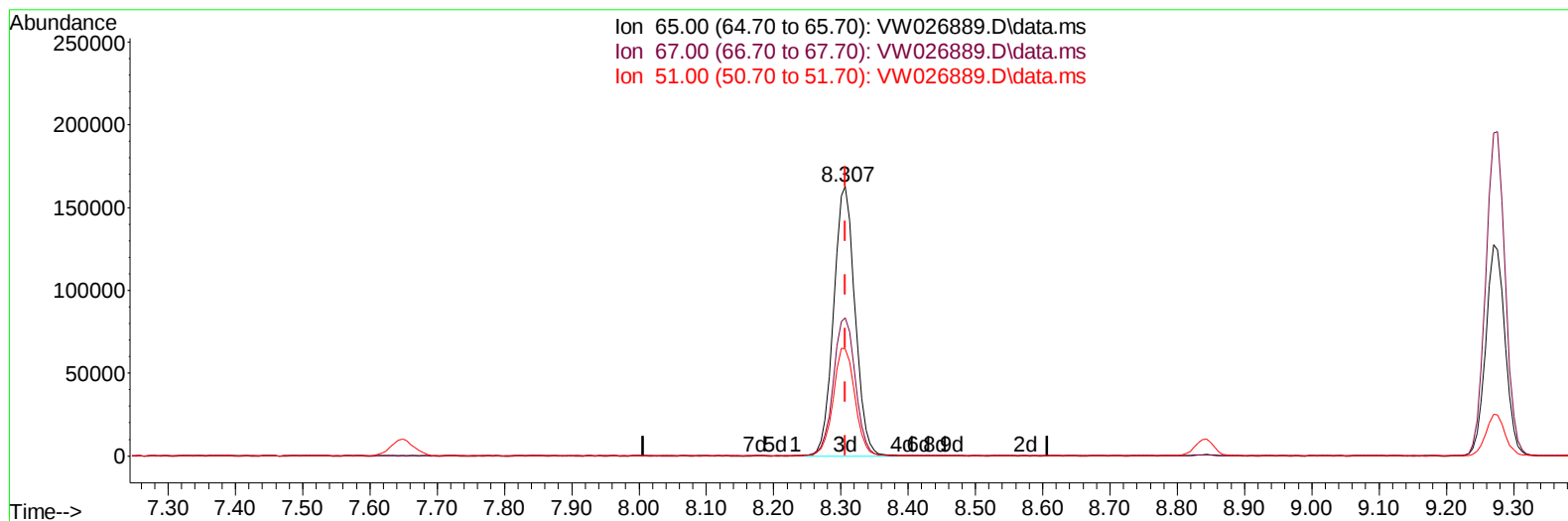
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TIC: VW026889.D\data.ms

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

8.307min (-0.000) 22.05 ug/L m

response 359587

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 0.02#  |
| 51.00 | 112.90 | 0.04#  |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 880573   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 841236   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 413089   | 25.000 | ug/L     | 0.00     |
|                               |          |       |          |        |          |          |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.369    | 65    | 166461   | 11.499 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 46.000%  |          |
| 7) Chloroethane-d5            | 2.893    | 69    | 158606   | 14.735 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 58.920%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    | 90016    | 12.643 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 50.560%  |          |
| 21) 2-Butanone-d5             | 7.075    | 46    | 227453   | 54.669 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 109.340% |          |
| 24) Chloroform-d              | 7.648    | 84    | 588163   | 19.901 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 79.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 359587m  | 22.047 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 88.200%  |          |
| 32) Benzene-d6                | 8.276    | 84    | 1094538  | 18.879 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 75.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    | 396959   | 21.981 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 87.920%  |          |
| 41) Toluene-d8                | 10.325   | 98    | 888646   | 17.856 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 71.440%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 147314   | 19.757 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 79.040%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 111442   | 58.727 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 117.460% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 360746   | 25.294 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 101.160% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 320417   | 21.671 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 86.680%  |          |
|                               |          |       |          |        |          |          |
| Target Compounds              |          |       |          |        |          |          |
| 13) Acetone                   | 4.131    | 43    | 13741    | 3.322  | ug/L     | 98       |
| 16) Methylene chloride        | 4.929    | 84    | 47801    | 2.806  | ug/L     | 97       |
| 19) 1,1-Dichloroethane        | 6.216    | 63    | 22173    | 0.742  | ug/L     | 92       |
| 62) 1,3,5-Trimethylbenzene    | 12.940   | 105   | 122031   | 2.514  | ug/L     | 95       |
| 63) 1,2,4-Trimethylbenzene    | 13.245   | 105   | 184092   | 3.870  | ug/L     | 100      |
| -----                         |          |       |          |        |          |          |

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

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