

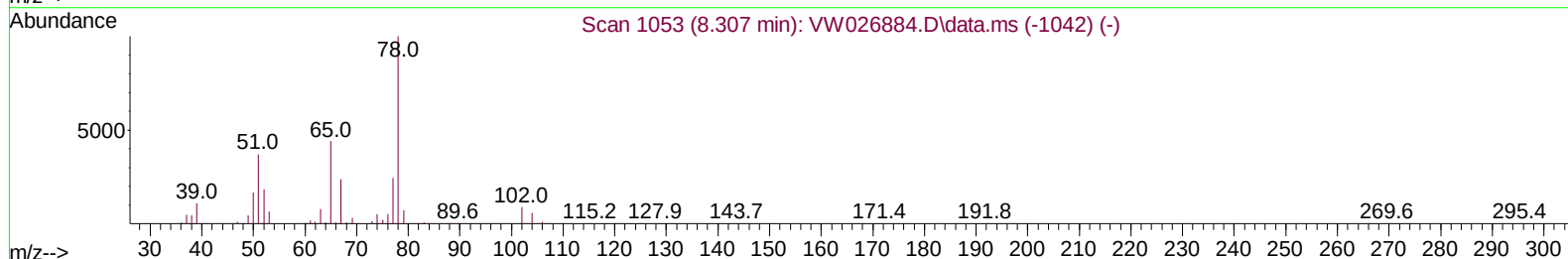
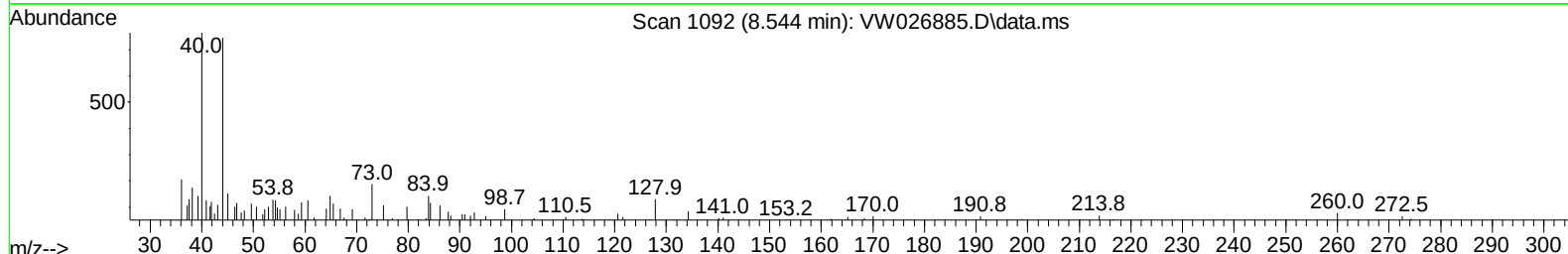
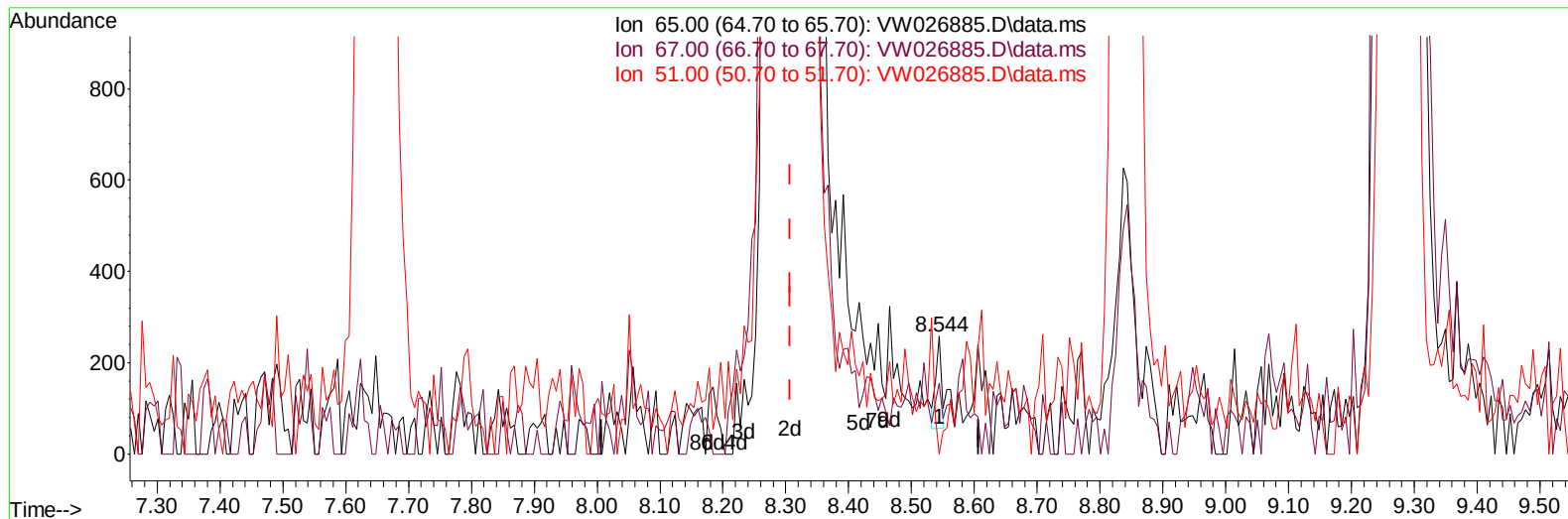
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082523\  
 Data File : VW026885.D  
 Acq On : 25 Aug 2023 11:06  
 Operator : SY/MD  
 Sample : VW0825SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK559

Manual IntegrationsAPPROVED

Quant Time: Aug 26 01:44:39 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

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



TIC: VW026885.D\data.ms

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

8.544min (+ 0.238) 0.01 ug/L

response 127

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 50.39  |
| 51.00 | 112.90 | 144.88 |
| 0.00  | 0.00   | 0.00   |

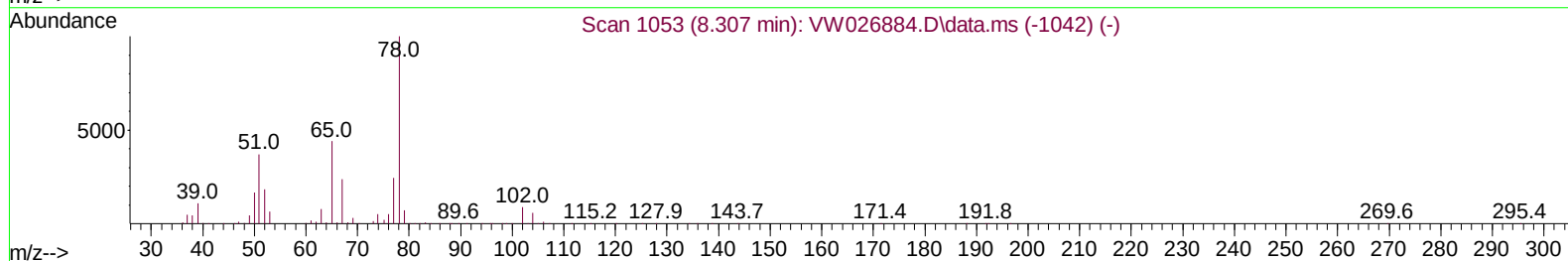
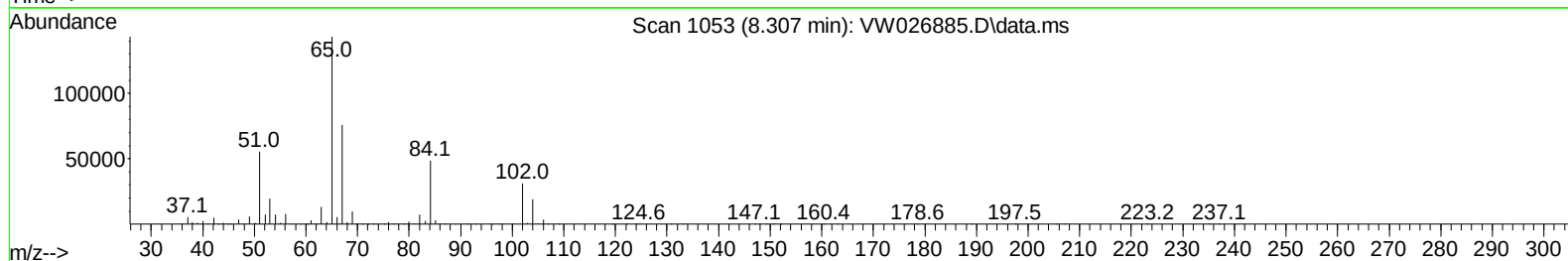
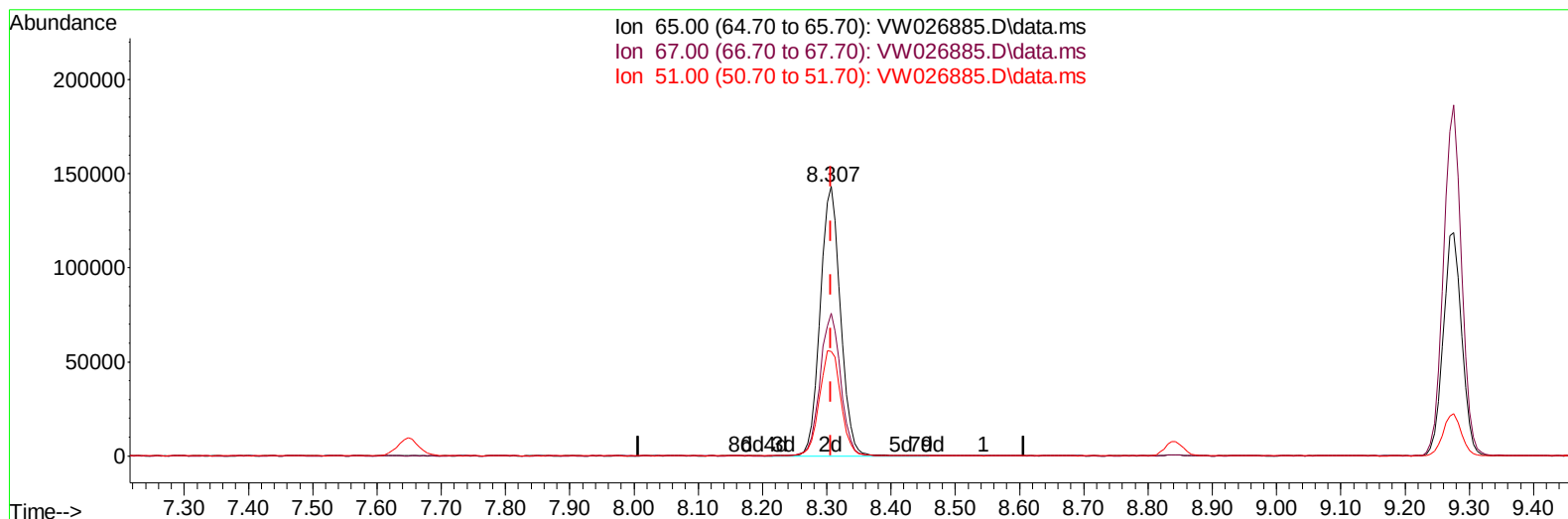
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TIC: VW026885.D\data.ms

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

8.307min (-0.000) 25.07 ug/L m

response 313950

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 0.02#  |
| 51.00 | 112.90 | 0.06#  |
| 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   |     | 676142   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 663664   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 346585   | 25.000 | ug/L     | 0.00     |
|                               |          |       |     |          |        |          |          |
| System Monitoring Compounds   |          |       |     |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 256329   | 23.061 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 92.240%  |          |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 204667   | 24.763 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 99.040%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    |     | 120657   | 22.071 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 88.280%  |          |
| 21) 2-Butanone-d5             | 7.081    | 46    |     | 182446   | 57.109 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 114.220% |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 547953   | 24.146 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 96.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 313950m  | 25.069 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 100.280% |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 1131771  | 24.744 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 98.960%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 363152   | 25.489 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 101.960% |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 947044   | 24.121 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 96.480%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 139587   | 23.729 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 94.920%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 87925    | 58.732 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 117.460% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 302727   | 26.905 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 107.640% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 322795   | 26.021 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 104.080% |          |
|                               |          |       |     |          |        |          |          |
| Target Compounds              |          |       |     |          |        | Qvalue   |          |
| 16) Methylene chloride        | 4.917    | 84    |     | 22237    | 1.700  | ug/L     | 94       |
| -----                         |          |       |     |          |        |          |          |

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

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