

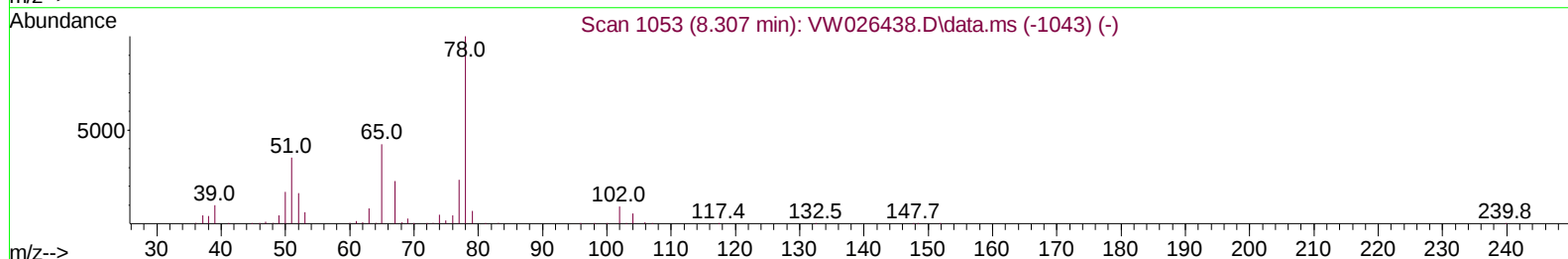
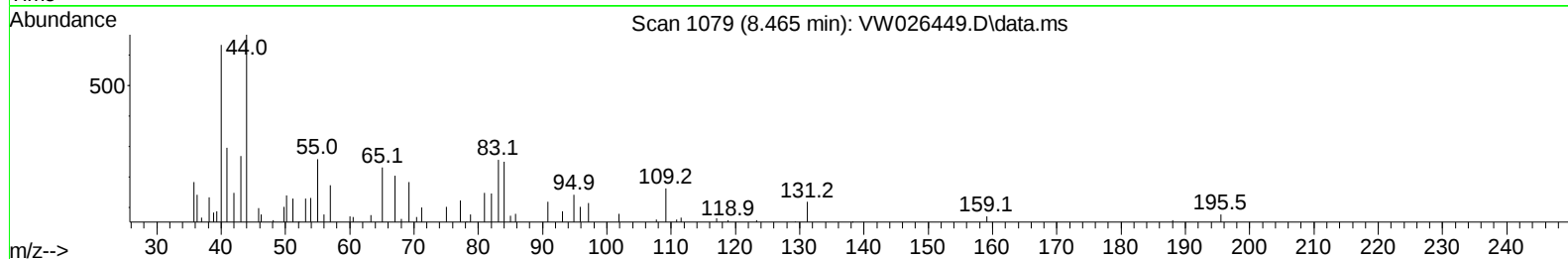
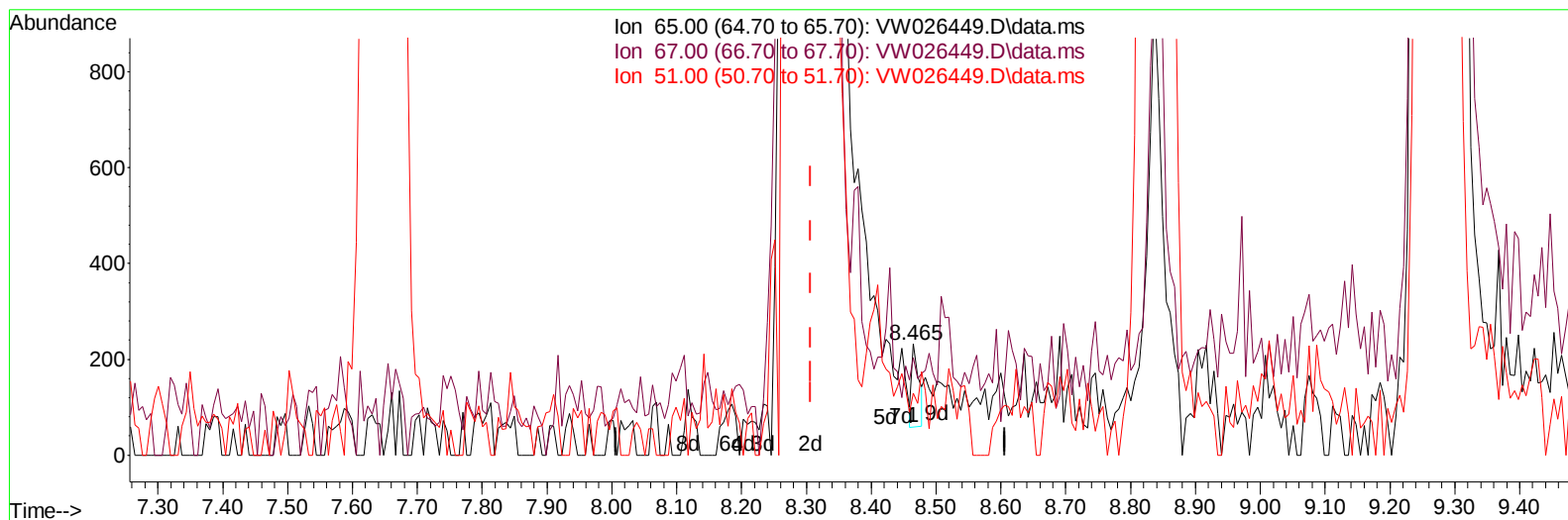
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062923\  
 Data File : VW026449.D  
 Acq On : 29 Jun 2023 22:02  
 Operator : SY/MD  
 Sample : 03452-20  
 Misc : 4.23g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A46Q8

Manual IntegrationsAPPROVED

Quant Time: Jun 30 01:23:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 30 01:16:39 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/30/2023  
 Supervised By :Mahesh Dadoda 06/30/2023



TIC: VW026449.D\data.ms

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

8.465min (+ 0.159) 0.01 ug/L

response 132

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.50  | 62.88  |
| 51.00 | 102.40 | 100.76 |
| 0.00  | 0.00   | 0.00   |

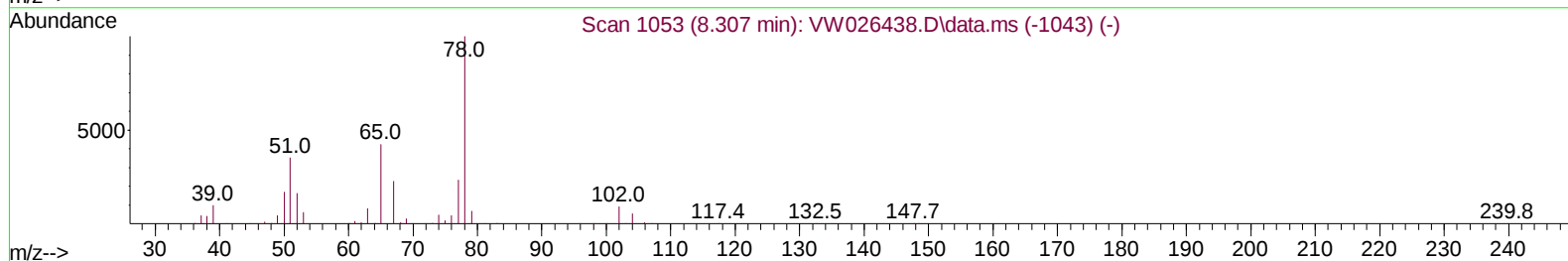
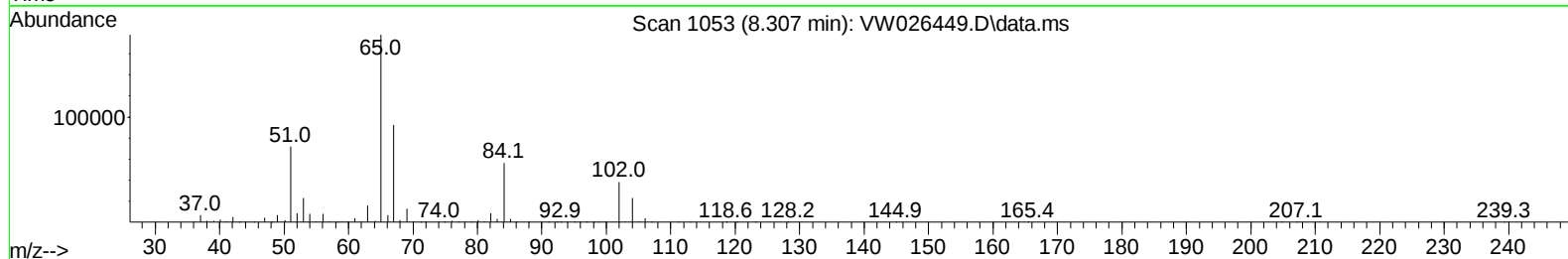
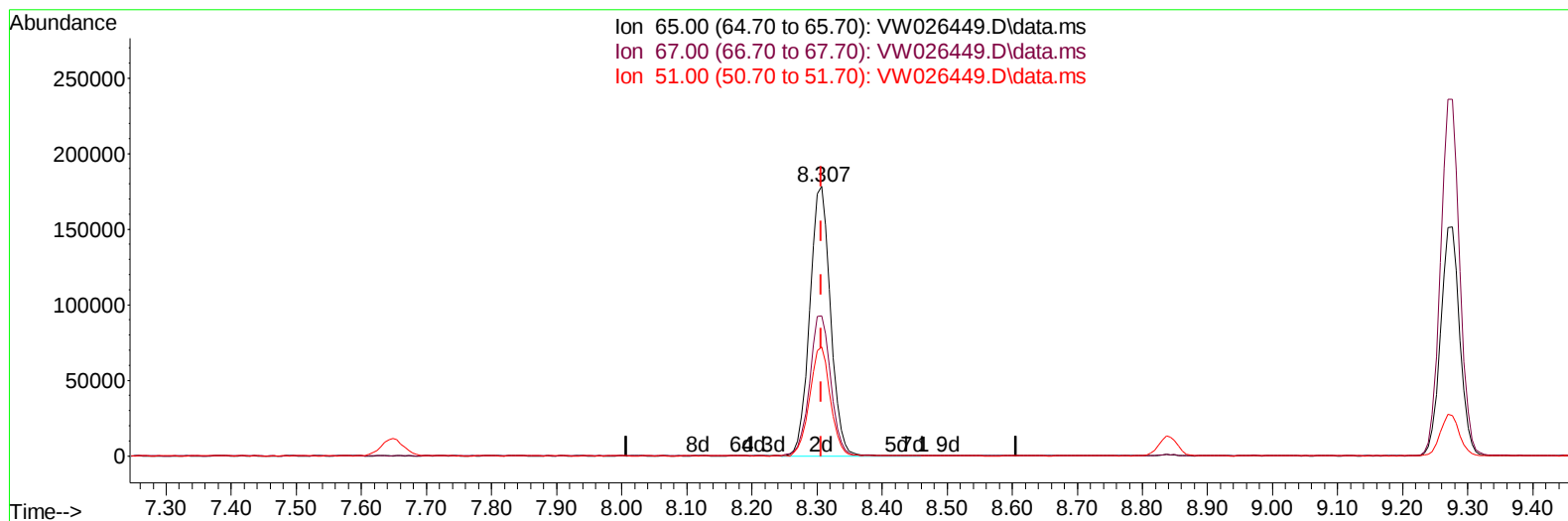
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TIC: VW026449.D\data.ms

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

8.307min (+ 0.000) 23.90 ug/L m

response 394685

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.50  | 0.02#  |
| 51.00 | 102.40 | 0.03#  |
| 0.00  | 0.00   | 0.00   |

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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   |     | 1239397  | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 1095728  | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 511642   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 264522   | 18.745 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 74.960% |          |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 236357   | 20.569 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 82.280% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 145667   | 20.630 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 82.520% |          |
| 21) 2-Butanone-d5             | 7.075    | 46    |     | 225451   | 42.274 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 84.540% |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 685021   | 22.676 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 90.720% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 394685m  | 23.902 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 95.600% |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 1460306  | 22.915 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 91.680% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 481508   | 23.707 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 94.840% |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 1295289  | 23.010 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 92.040% |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 188118   | 22.978 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 91.920% |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 158606   | 46.695 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 93.400% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 358036   | 22.830 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 91.320% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 403818   | 22.667 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 90.680% |          |

Target Compounds Qvalue

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

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