

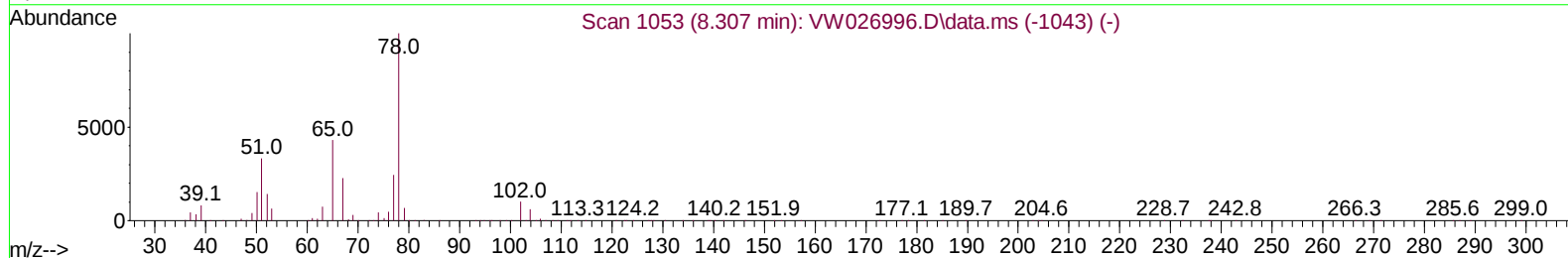
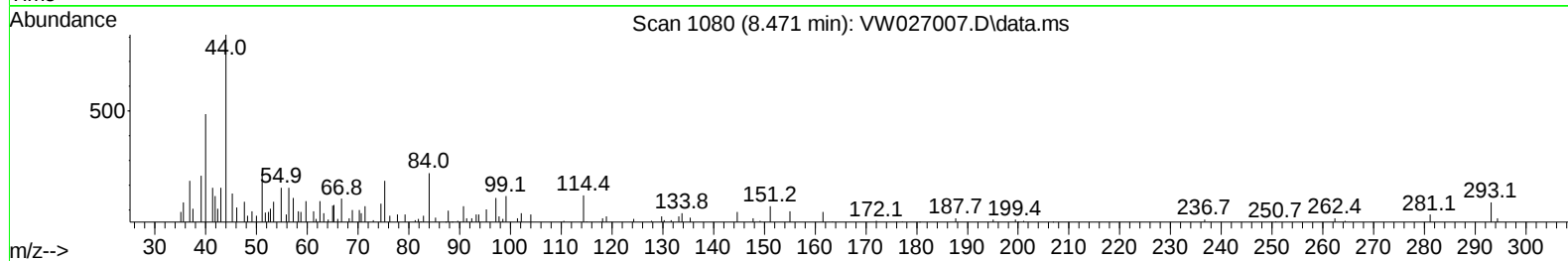
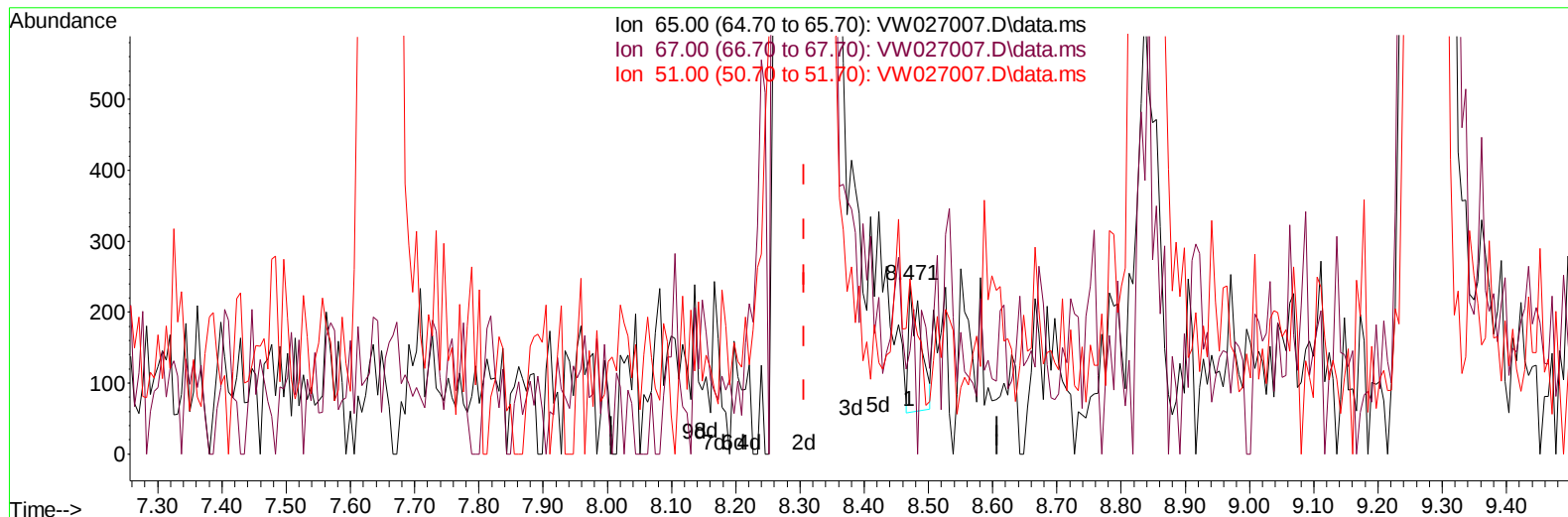
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
 Data File : VW027007.D  
 Acq On : 07 Sep 2023 16:13  
 Operator : SY/MD  
 Sample : VIBLK506  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK506

Manual IntegrationsAPPROVED

Quant Time: Sep 08 01:35:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 08 01:32:52 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/08/2023  
 Supervised By :Mahesh Dadoda 09/08/2023



TIC: VW027007.D\data.ms

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

**8.471min (+ 0.164) 0.02 ug/L**

**response 229**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 55.90  |
| 51.00 | 110.30 | 95.63  |
| 0.00  | 0.00   | 0.00   |

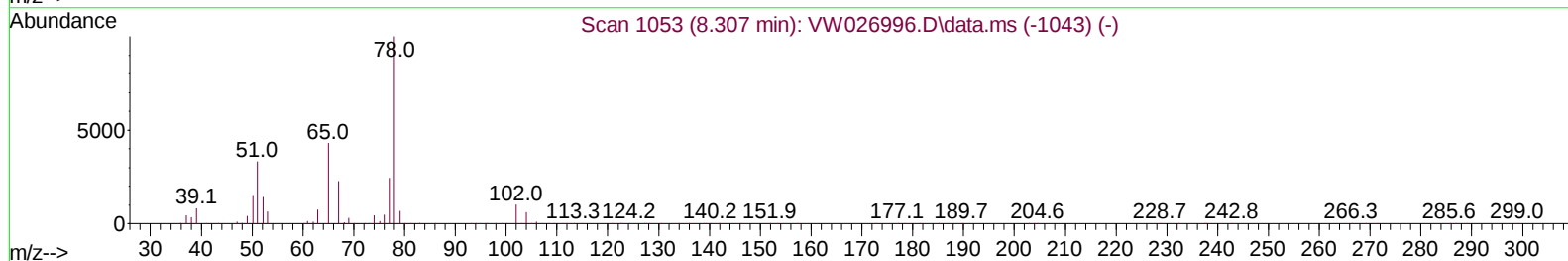
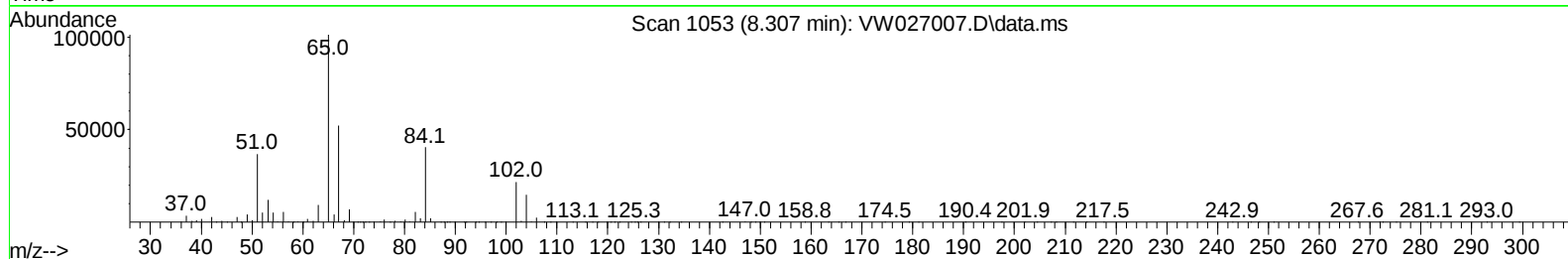
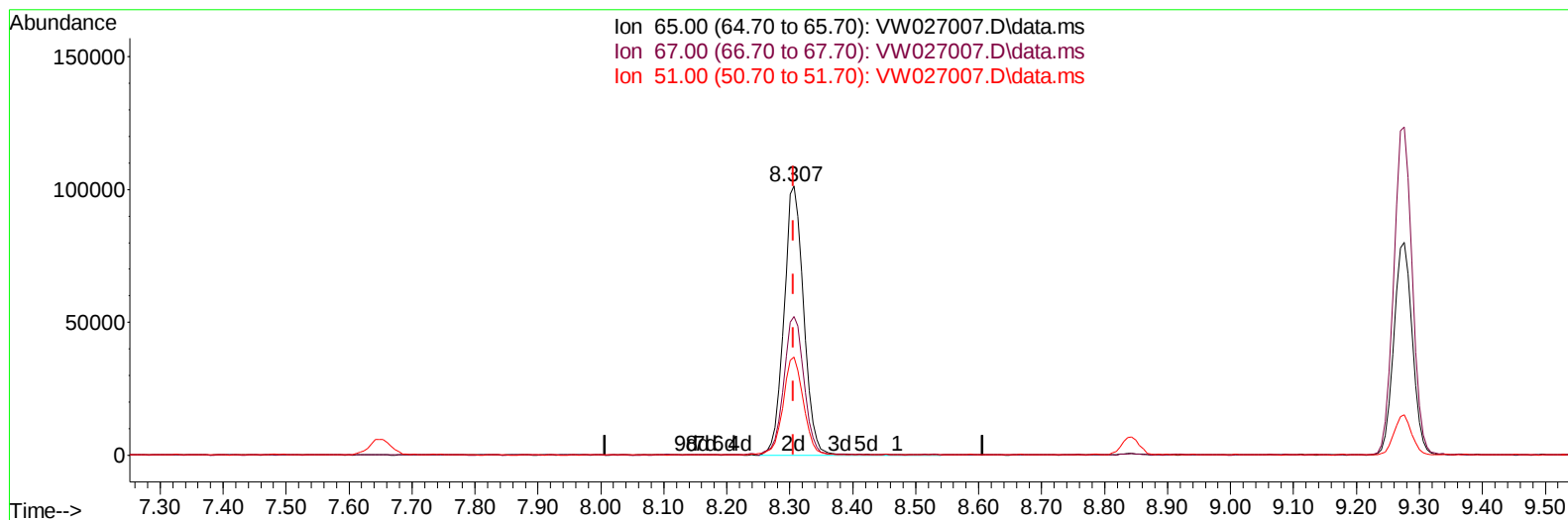
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TIC: VW027007.D\data.ms

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

8.307min (-0.000) 19.62 ug/L m

response 223191

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 0.06#  |
| 51.00 | 110.30 | 0.10#  |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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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   |     | 727461   | 25.000 | ug/L    | 0.00      |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 719067   | 25.000 | ug/L    | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 395072   | 25.000 | ug/L    | 0.00      |
| System Monitoring Compounds   |          |       |     |          |        |         |           |
| 4) Vinyl Chloride-d3          | 2.369    | 65    |     | 206893   | 15.919 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 63.680% |           |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 181087   | 17.264 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 69.040% |           |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    |     | 82996    | 17.328 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 69.320% |           |
| 21) 2-Butanone-d5             | 7.081    | 46    |     | 106418   | 42.496 | ug/L    | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 85.000% |           |
| 24) Chloroform-d              | 7.648    | 84    |     | 401238   | 18.536 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 74.160% |           |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 223191m  | 19.616 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 78.480% |           |
| 32) Benzene-d6                | 8.276    | 84    |     | 857627   | 18.184 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 72.720% |           |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 254455   | 18.377 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 73.520% |           |
| 41) Toluene-d8                | 10.325   | 98    |     | 772271   | 18.085 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 72.360% |           |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 99105    | 18.444 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 73.760% |           |
| 47) 2-Hexanone-d5             | 10.928   | 63    |     | 60546    | 46.837 | ug/L    | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 93.680% |           |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 224236   | 20.868 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 83.480% |           |
| 66) 1,2-Dichlorobenzene-d4    | 13.854   | 152   |     | 266659   | 19.515 | ug/L    | 0.00      |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 78.080% |           |
| Target Compounds              |          |       |     |          |        |         |           |
| 13) Acetone                   | 4.143    | 43    |     | 8011     | 3.654  | ug/L    | Qvalue 94 |
| -----                         |          |       |     |          |        |         |           |

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

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