

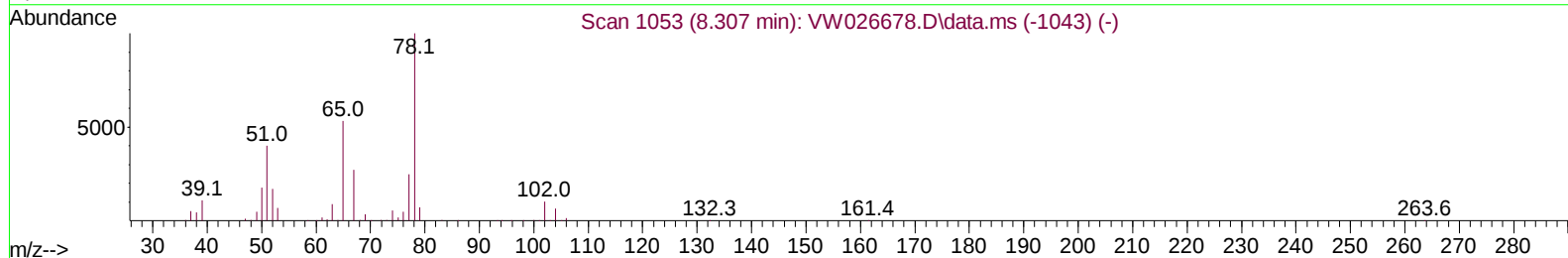
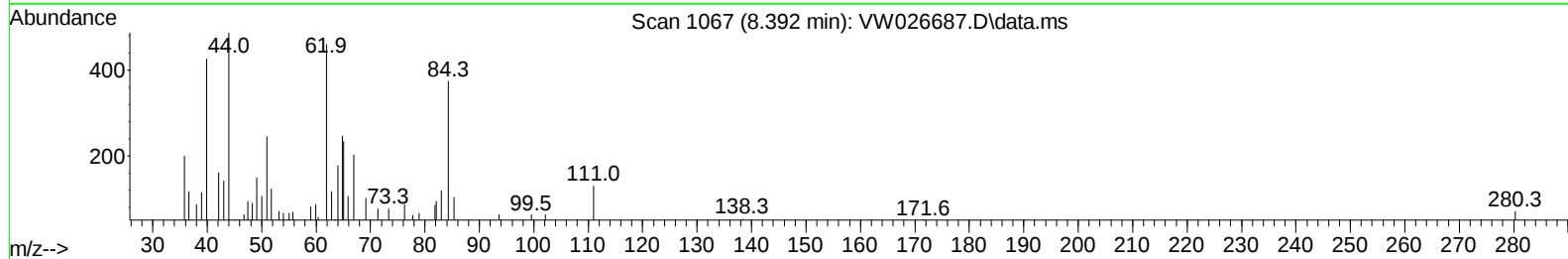
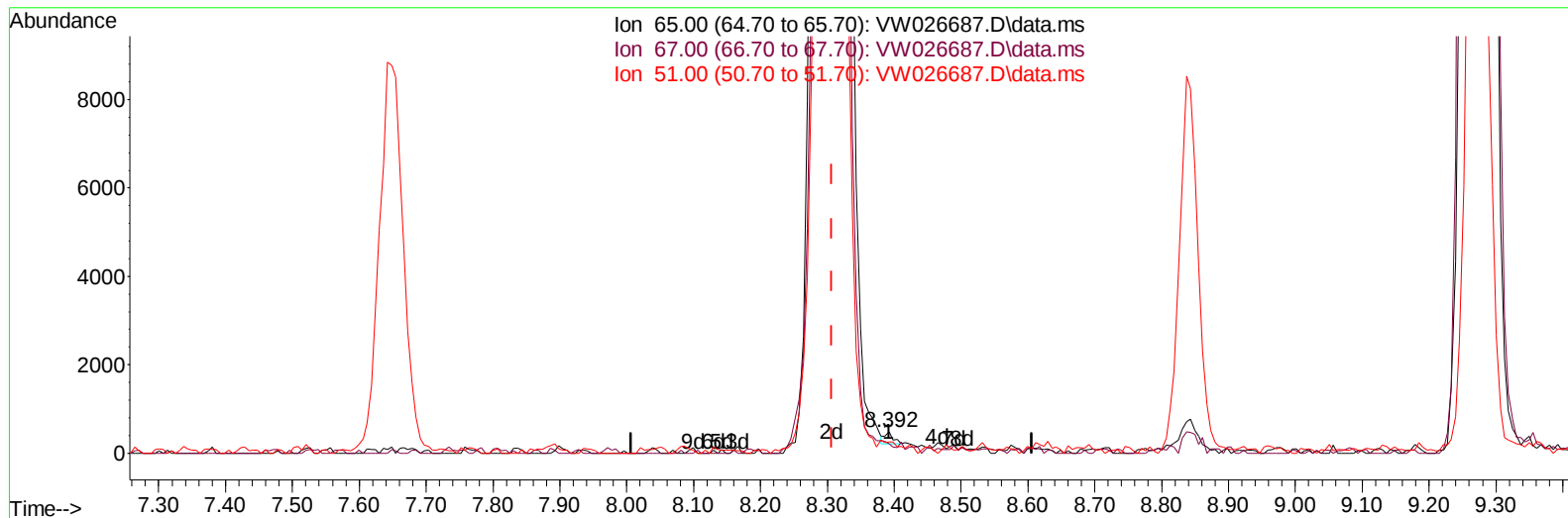
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081023\  
 Data File : VW026687.D  
 Acq On : 10 Aug 2023 19:19  
 Operator : SY/MD  
 Sample : 03967-04  
 Misc : 5.20g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 11 02:03:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 11 02:00:25 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/11/2023  
 Supervised By :Mahesh Dadoda 08/15/2023



TIC: VW026687.D\data.ms

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

8.392min (+ 0.085) 0.02 ug/L

response 232

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 42.24  |
| 51.00 | 112.90 | 103.02 |
| 0.00  | 0.00   | 0.00   |

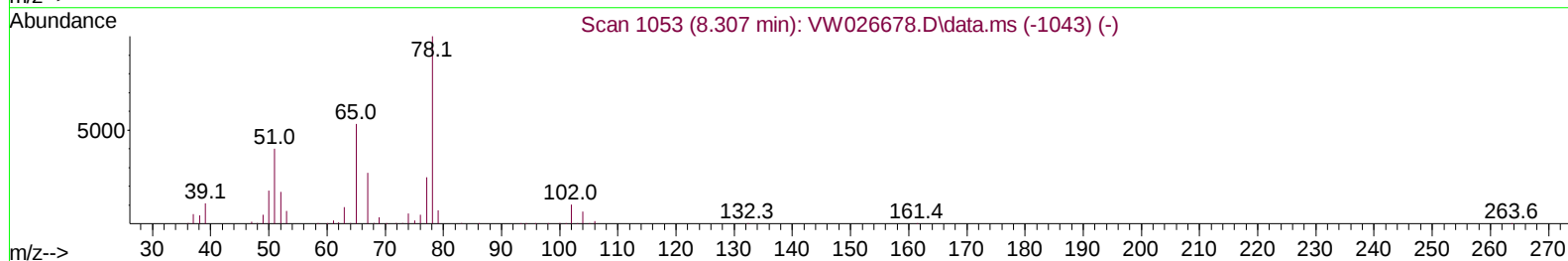
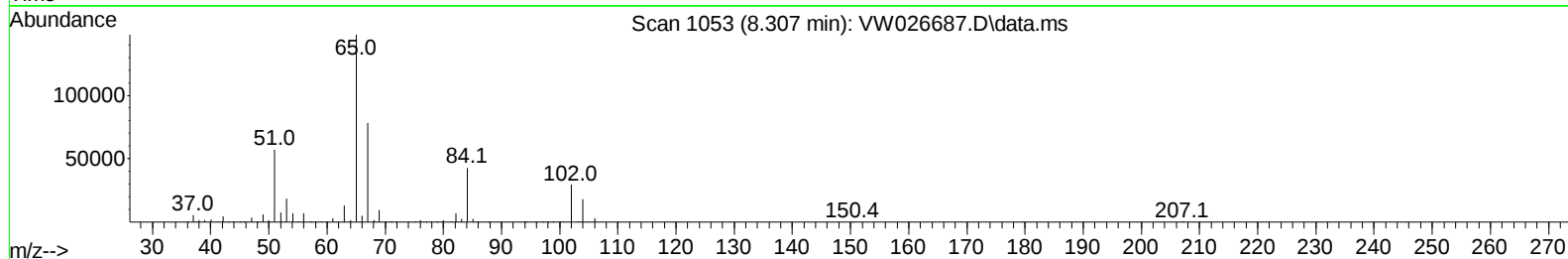
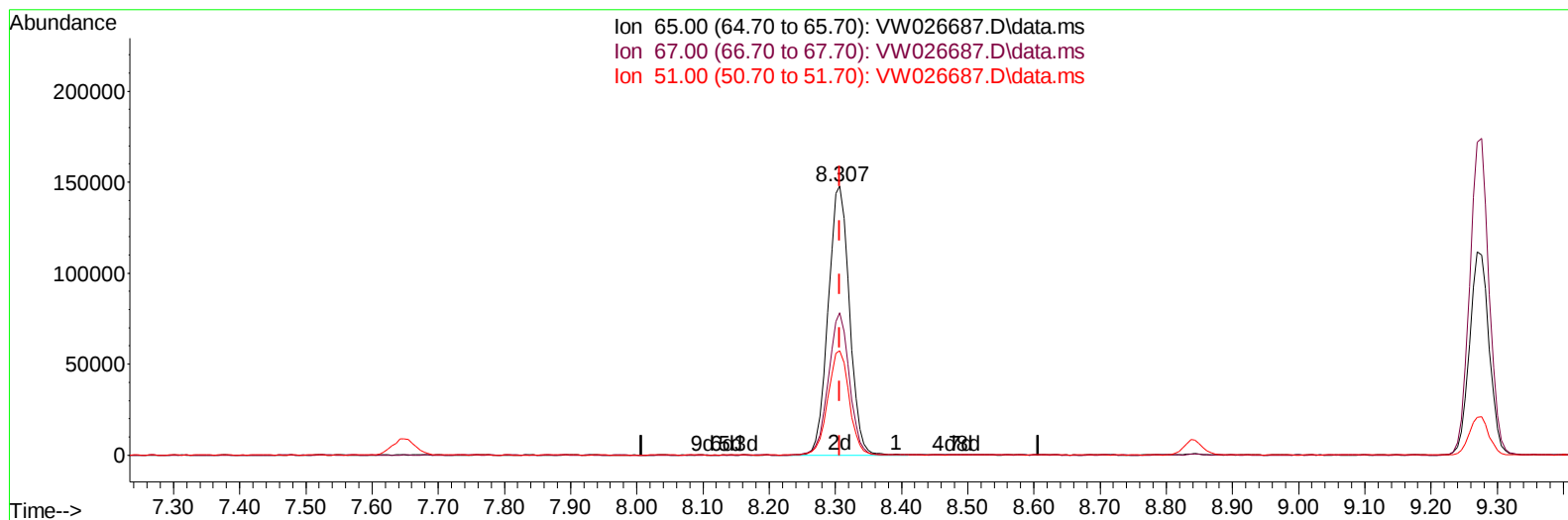
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TIC: VW026687.D\data.ms

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

8.307min (-0.000) 24.41 ug/L m

response 330955

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 0.03#  |
| 51.00 | 112.90 | 0.07#  |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
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 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   |     | 731965   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 602033   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 186207   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.369    | 65    |     | 235539   | 19.575 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 78.280%  |          |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 190418   | 21.282 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 85.120%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    |     | 121443   | 20.521 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 82.080%  |          |
| 21) 2-Butanone-d5             | 7.081    | 46    |     | 147087   | 42.530 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 85.060%  |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 547344   | 22.280 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 89.120%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 330955m  | 24.412 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 97.640%  |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 1129699  | 27.227 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 108.920% |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 353647   | 27.363 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 109.440% |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 913633   | 25.652 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 102.600% |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 121040   | 22.683 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 90.720%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 64180    | 47.259 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 94.520%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 235547   | 23.078 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 92.320%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   |     | 146558   | 21.990 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 87.960%  |          |
| Target Compounds              |          |       |     |          |        |          |          |
| 13) Acetone                   | 4.137    | 43    |     | 21271    | 6.186  | ug/L     | 98       |
| -----                         |          |       |     |          |        |          |          |

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

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