

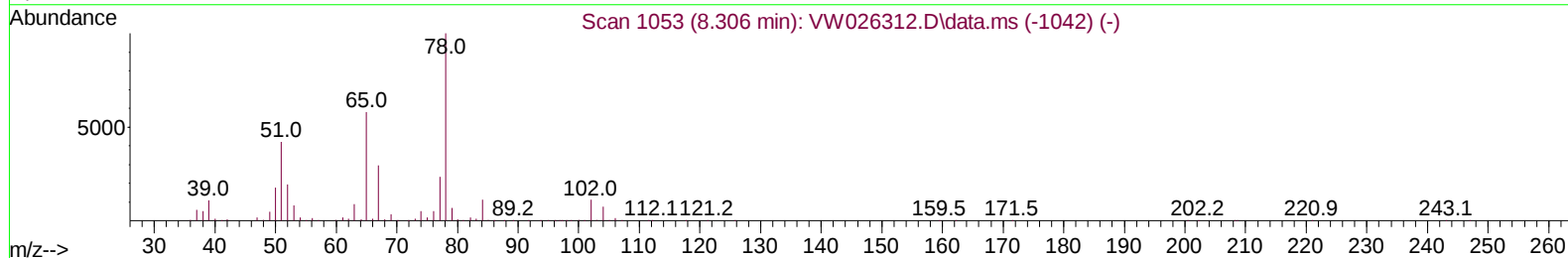
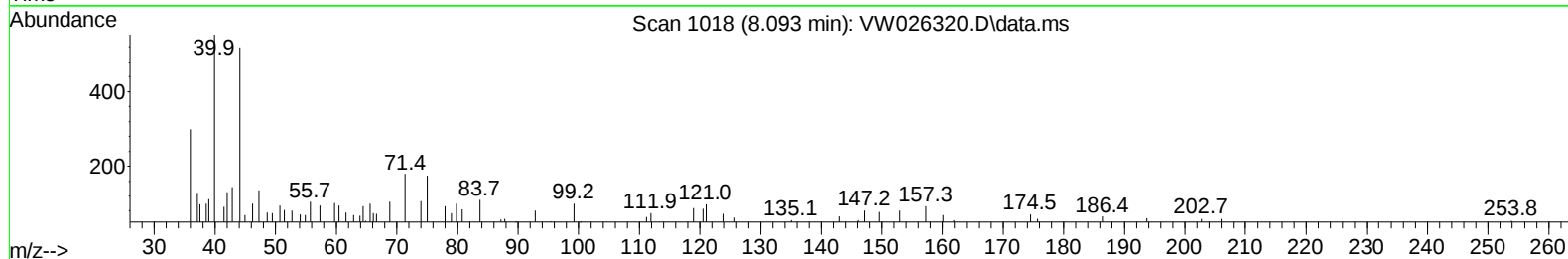
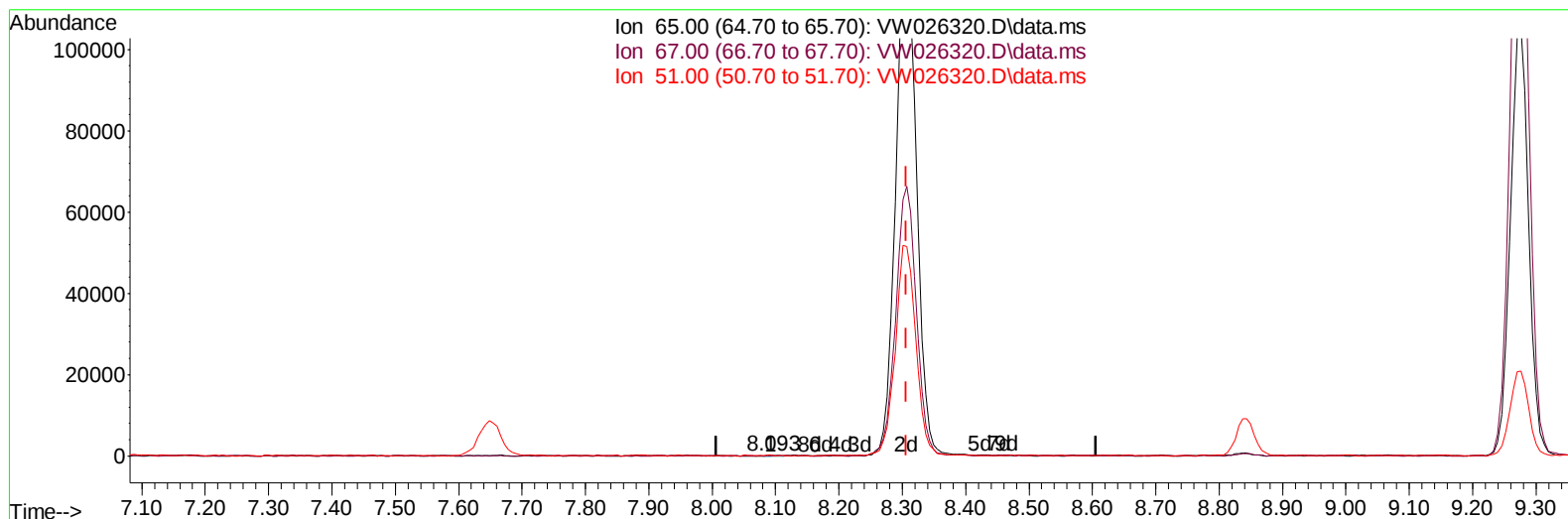
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062323\  
 Data File : VW026320.D  
 Acq On : 23 Jun 2023 13:59  
 Operator : SY/MD  
 Sample : 03382-04  
 Misc : 2.45g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW42

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023  
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 23:10:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 23 23:07:45 2023  
 Response via : Initial Calibration



TIC: VW026320.D\data.ms

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

8.093min (-0.213) 0.01 ug/L

response 161

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.70  | 37.89  |
| 51.00 | 106.50 | 96.27  |
| 0.00  | 0.00   | 0.00   |

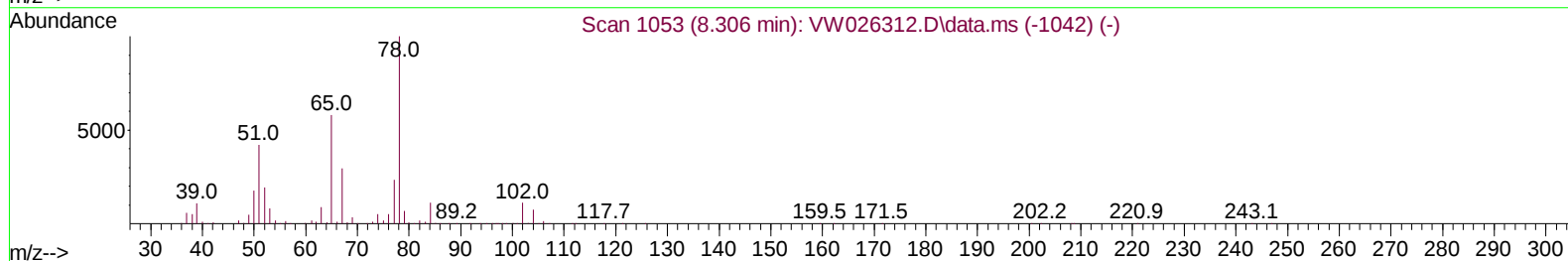
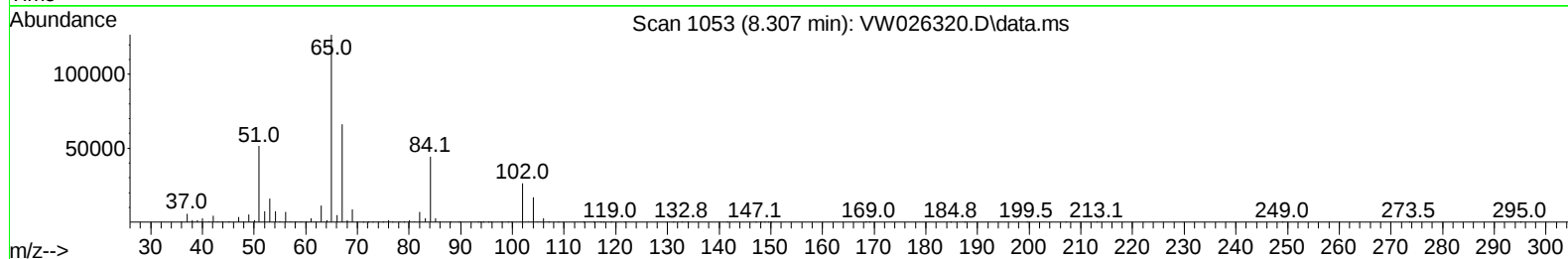
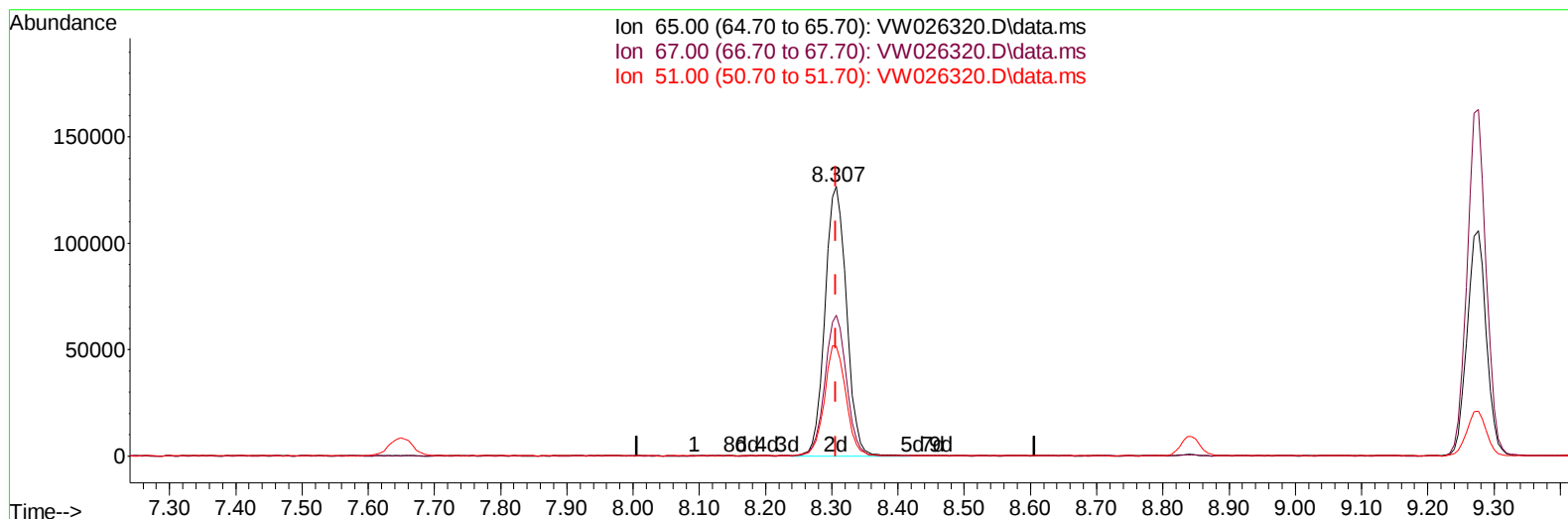
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 QLast Update : Fri Jun 23 23:07:45 2023  
 Response via : Initial Calibration



TIC: VW026320.D\data.ms

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

8.307min (+ 0.000) 21.49 ug/L m

response 286262

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.70  | 0.02#  |
| 51.00 | 106.50 | 0.05#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062323\  
 Data File : VW062320.D  
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 Sample : 03382-04  
 Misc : 2.45g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Quant Time: Jun 23 23:10:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 23 23:07:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.     | Q     | Ion | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|---------|--------|----------|
| -----                         |          |       |     |            |         |        |          |
| Internal Standards            |          |       |     |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 831719     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 722097     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 272937     | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |     |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 178727     | 15.275  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 61.120% |        |          |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 183835     | 20.989  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 83.960% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 98325      | 17.042  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 68.160% |        |          |
| 21) 2-Butanone-d5             | 7.075    | 46    |     | 167197     | 49.083  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 98.160% |        |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 502332     | 20.625  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 82.480% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 286262m    | 21.494  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 85.960% |        |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 964404     | 19.848  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 79.400% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 327757     | 21.292  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 85.160% |        |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 790336     | 18.341  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 73.360% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 106093     | 17.392  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 69.560% |        |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 104522     | 43.062  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 86.120% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 249889     | 22.308  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 89.240% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 240001     | 22.974  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 91.880% |        |          |
| Target Compounds              |          |       |     |            |         |        |          |
|                               |          |       |     |            |         | Qvalue |          |
| 13) Acetone                   | 4.131    | 43    |     | 6989       | 2.652   | ug/L   | 89       |
| 16) Methylene chloride        | 4.917    | 84    |     | 42278      | 3.185   | ug/L   | 96       |
| -----                         |          |       |     |            |         |        |          |

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

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