

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082423\  
 Data File : VW026875.D  
 Acq On : 25 Aug 2023 00:53  
 Operator : SY/MD  
 Sample : 04113-10  
 Misc : 6.19g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

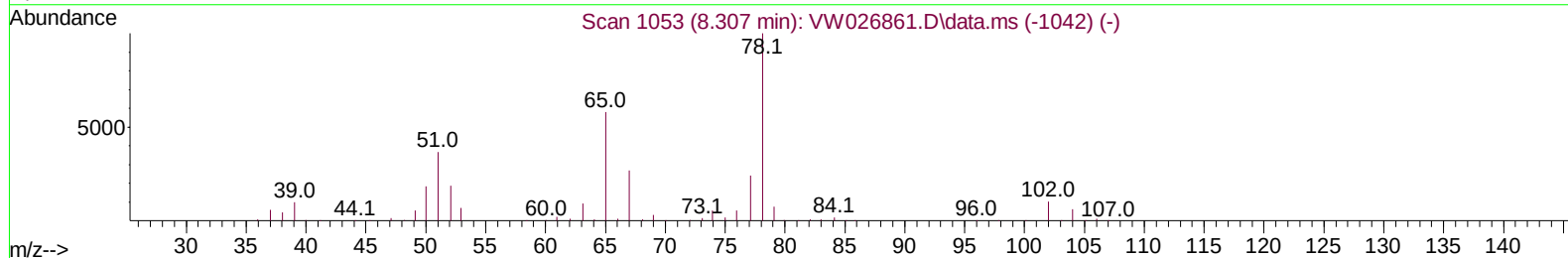
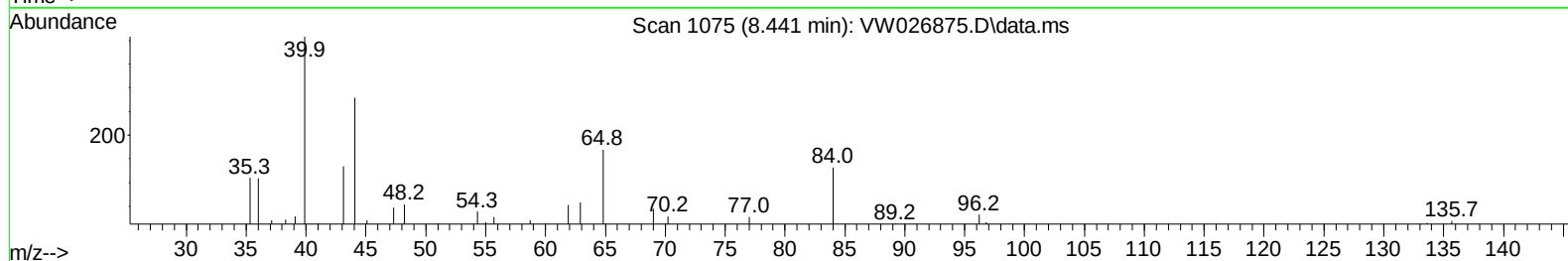
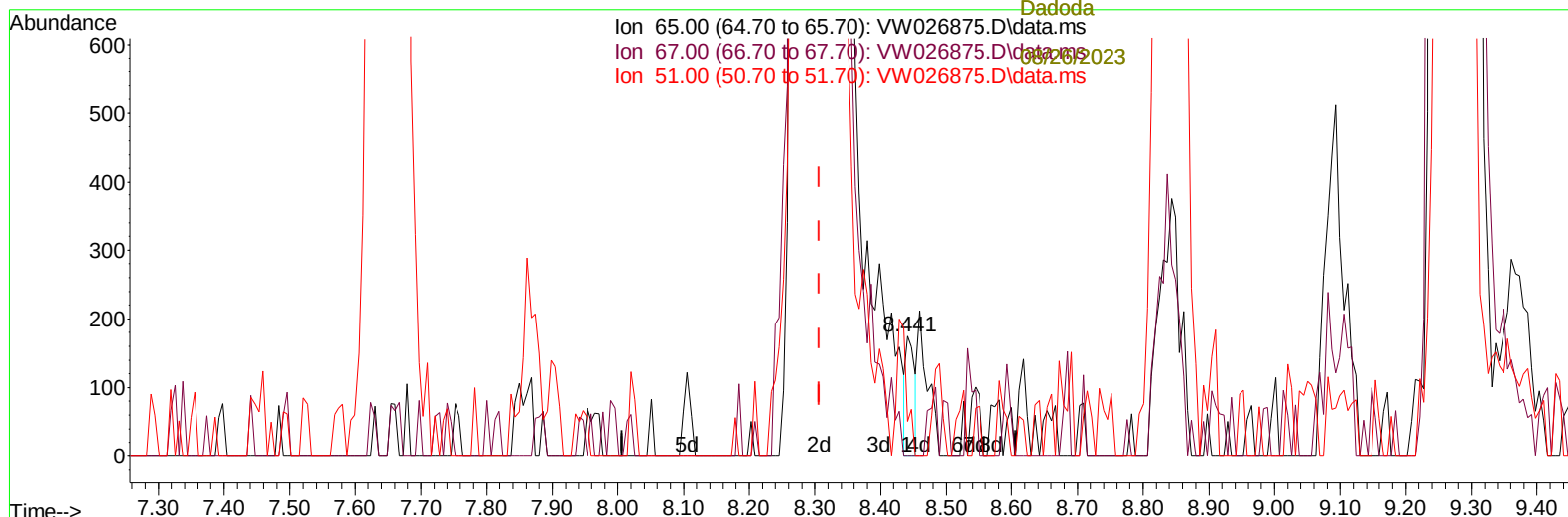
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYH9

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2023  
 Supervised By :Mahesh Dadoda 08/26/2023

08/25/2023  
 Supervised By :Mahesh  
 Dadoda

Quant Time: Aug 25 05:24:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 25 05:00:16 2023  
 Response via : Initial Calibration



TIC: VW026875.D\data.ms

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

8.441min (+ 0.134) 0.02 ug/L

response 166

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 51.81  |
| 51.00 | 112.90 | 125.30 |
| 0.00  | 0.00   | 0.00   |

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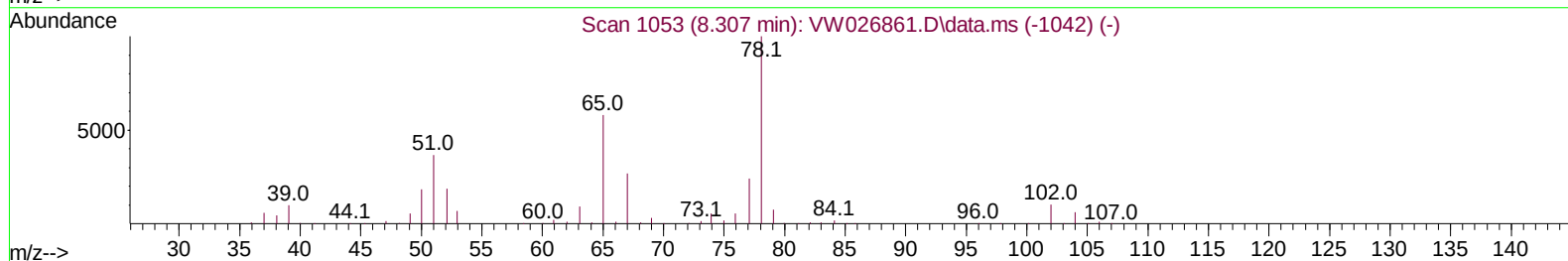
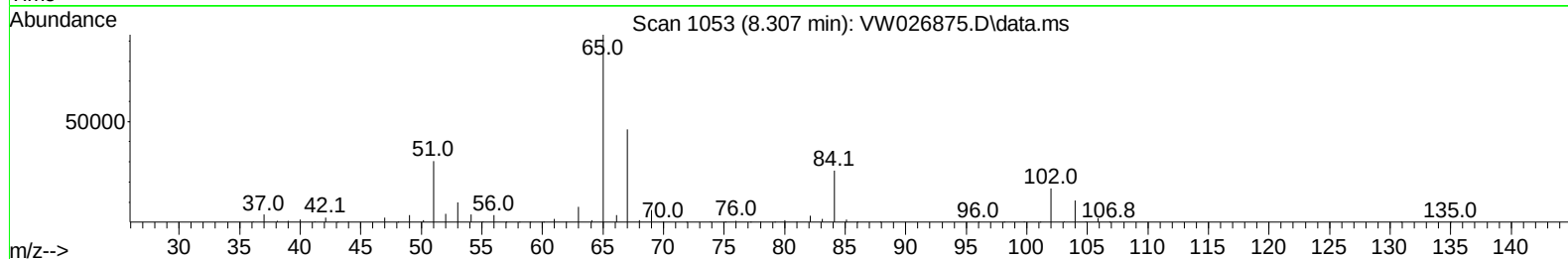
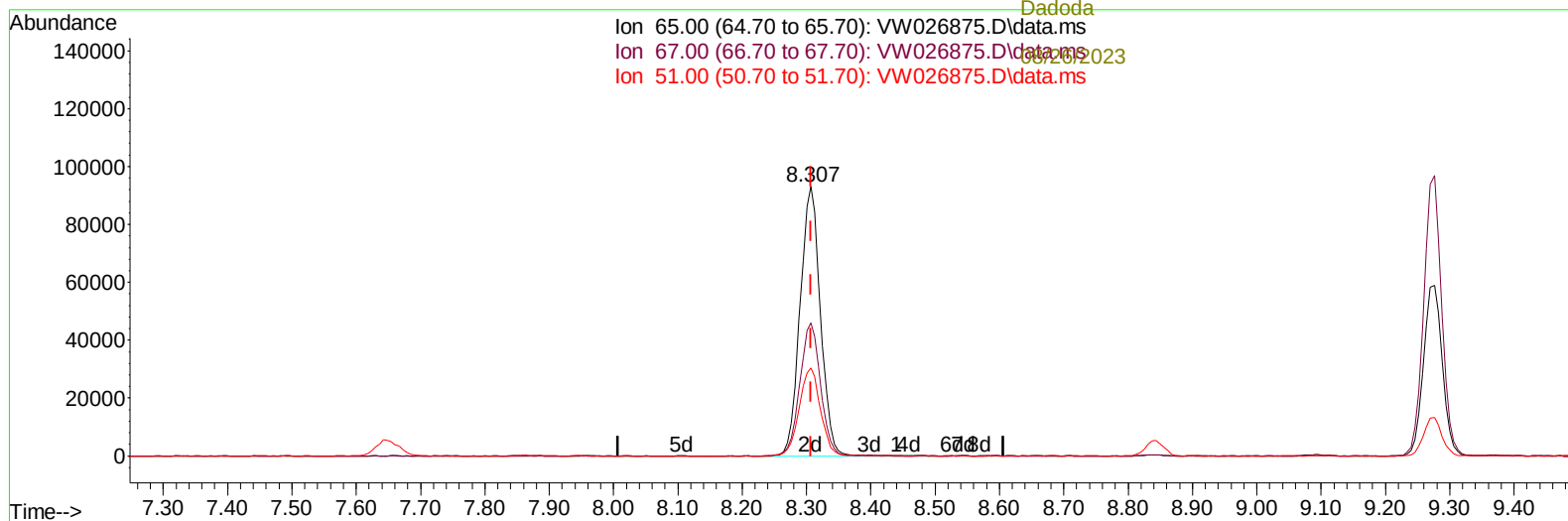
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08/25/2023  
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Ion 65.00 (64.70 to 65.70): VW026875.D\data.ms  
 Ion 67.00 (66.70 to 67.70): VW026875.D\data.ms  
 Ion 51.00 (50.70 to 51.70): VW026875.D\data.ms



TIC: VW026875.D\data.ms

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

8.307min (-0.000) 22.09 ug/L m

response 204984

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 0.04#  |
| 51.00 | 112.90 | 0.10#  |
| 0.00  | 0.00   | 0.00   |

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08/25/2023  
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 Dadoda

08/26/2023

| Compound                      | R.T.     | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|---------|----------|
| -----08/26/2023               |          |       |          |        |         |          |
| Internal Standards            |          |       |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 500926   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 400098   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 157654   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.369    | 65    | 95055    | 11.543 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 46.160% |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 94978    | 15.511 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 62.040% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    | 53738    | 13.268 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 53.080% |          |
| 21) 2-Butanone-d5             | 7.081    | 46    | 80789    | 34.134 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 68.260% |          |
| 24) Chloroform-d              | 7.648    | 84    | 354493   | 21.085 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 84.360% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 204984m  | 22.094 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 88.360% |          |
| 32) Benzene-d6                | 8.276    | 84    | 581431   | 21.086 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 84.360% |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    | 187257   | 21.801 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 87.200% |          |
| 41) Toluene-d8                | 10.325   | 98    | 458053   | 19.352 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 77.400% |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 70847    | 19.977 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 79.920% |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 43652    | 48.367 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 96.740% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 140652   | 20.736 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 82.960% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854   | 152   | 112513   | 19.939 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 79.760% |          |
| Target Compounds              |          |       |          |        |         |          |
|                               |          |       |          |        | Qvalue  |          |
| 19) 1,1-Dichloroethane        | 6.216    | 63    | 66682    | 3.921  | ug/L    | 98       |
| 25) Chloroform                | 7.679    | 83    | 381155   | 23.201 | ug/L    | 98       |
| 30) 1,1,1-Trichloroethane     | 7.874    | 97    | 347134   | 33.244 | ug/L    | 98       |
| 34) Trichloroethene           | 9.093    | 95    | 56969    | 7.677  | ug/L    | 95       |
| 46) Tetrachloroethene         | 10.861   | 164   | 69850    | 12.957 | ug/L    | 94       |
| -----                         |          |       |          |        |         |          |

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

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