

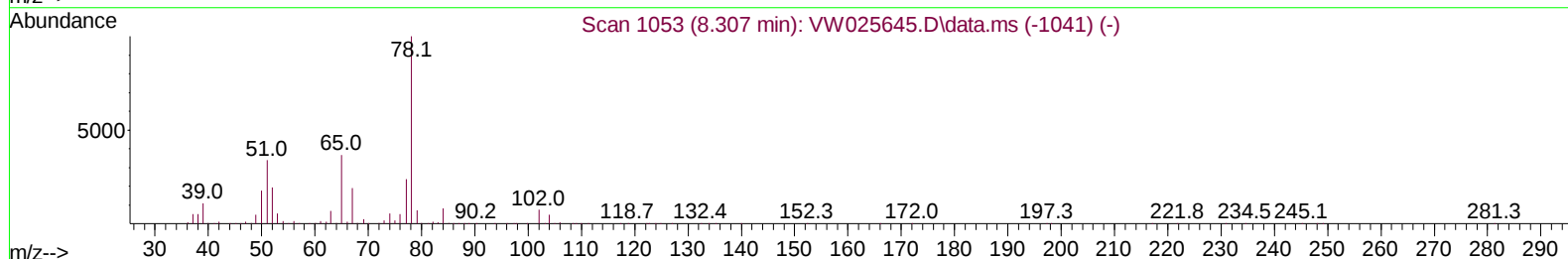
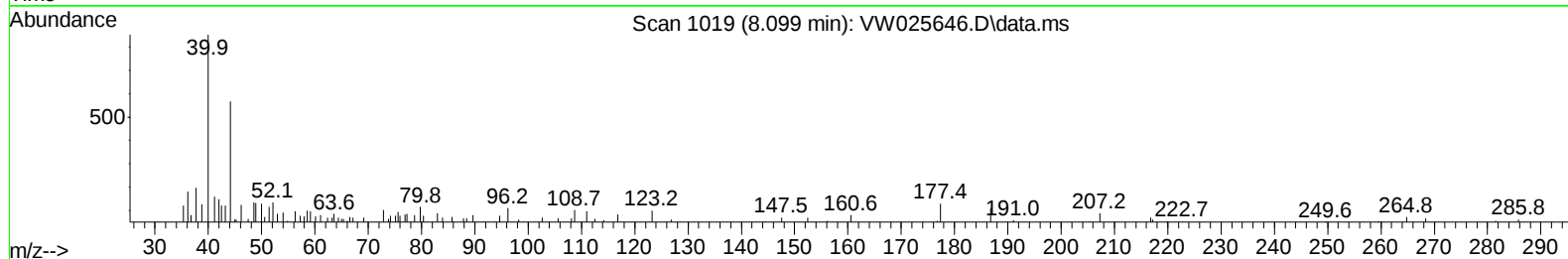
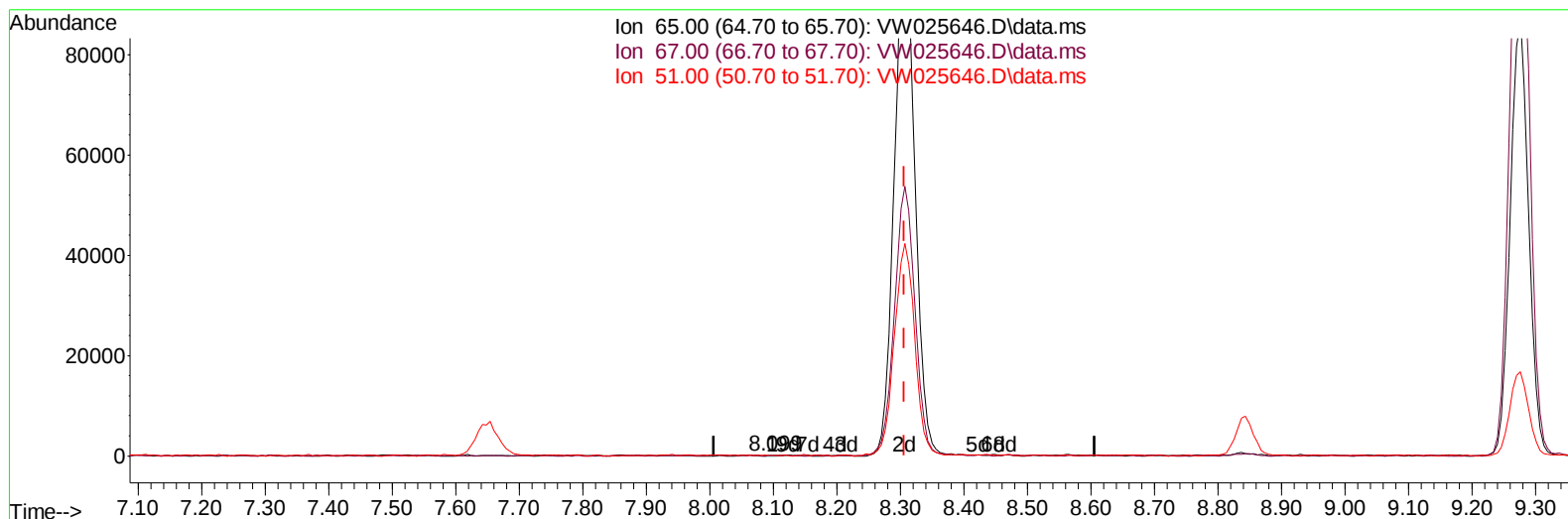
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042423\  
 Data File : VW025646.D  
 Acq On : 24 Apr 2023 09:37  
 Operator : SY/MD  
 Sample : VW0424SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK485

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/25/2023  
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 01:08:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Apr 25 01:06:51 2023  
 Response via : Initial Calibration



TIC: VW025646.D\data.ms

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

8.099min (-0.207) 0.01 ug/L

response 111

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.50  | 54.05  |
| 51.00 | 124.00 | 110.81 |
| 0.00  | 0.00   | 0.00   |

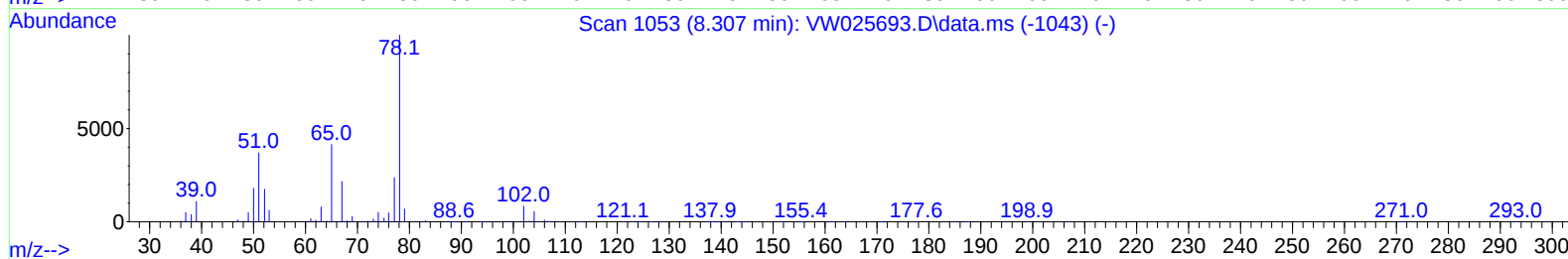
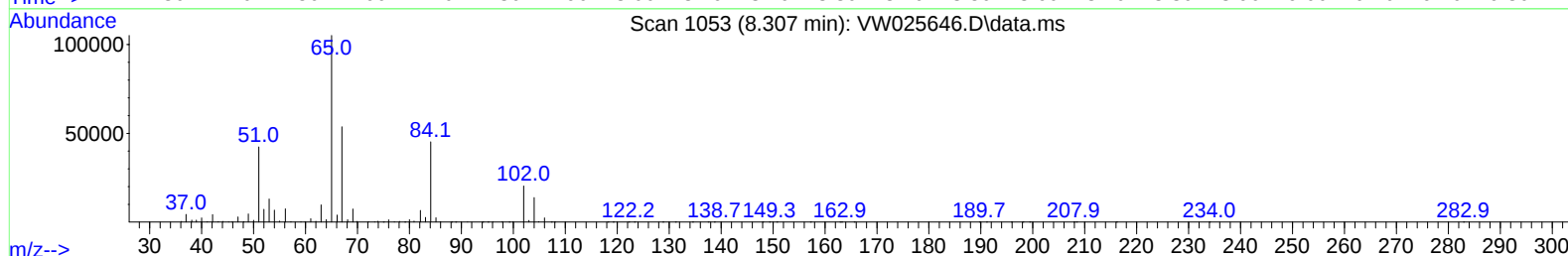
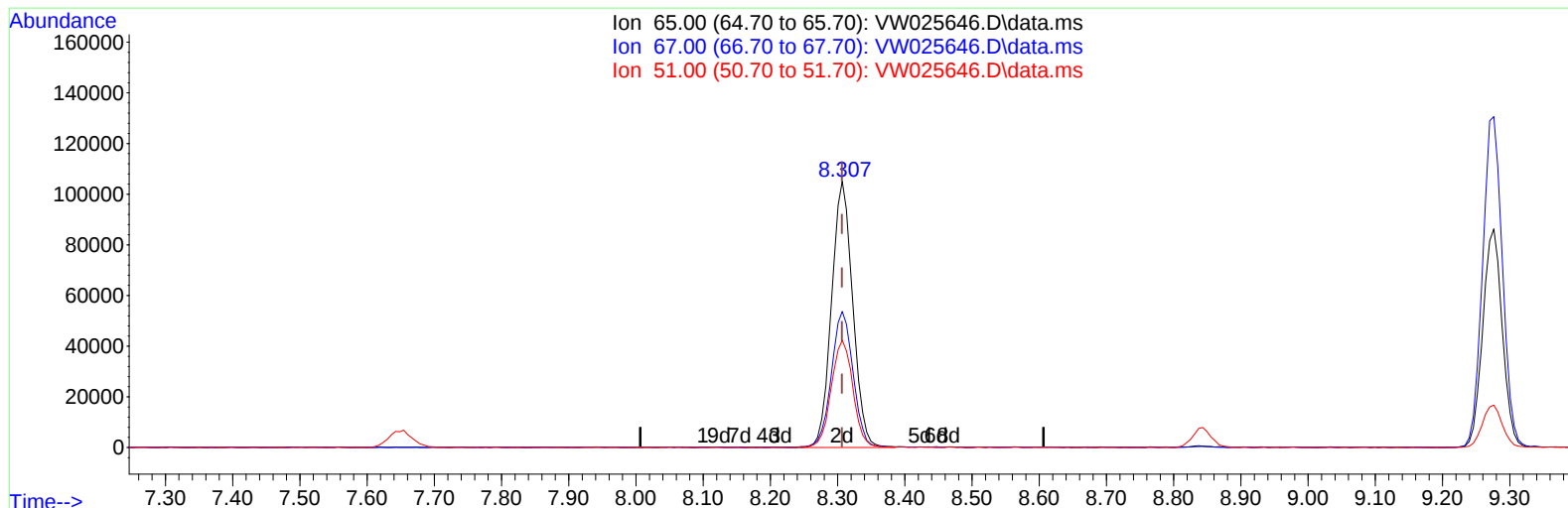
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QLast Update : Tue Apr 25 01:06:51 2023  
Response via : Initial Calibration



TIC: VW025646.D\data.ms

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

8.307min (+ 0.000) 24.74 ug/L m

response 229546

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.50  | 0.03#  |
| 51.00 | 124.00 | 0.05#  |
| 0.00  | 0.00   | 0.00   |

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 MSVOA\_W  
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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   |     | 635290     | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 578557     | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 267032     | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |          |       |     |            |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 187893     | 18.175   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 72.720%  |       |           |
| 7) Chloroethane-d5            | 2.899    | 69    |     | 150231     | 20.411   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 81.640%  |       |           |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 63    |     | 312109     | 14.929   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 59.720%  |       |           |
| 21) 2-Butanone-d5             | 7.081    | 46    |     | 142511     | 61.793   | ug/L  | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 123.580% |       |           |
| 24) Chloroform-d              | 7.654    | 84    |     | 406156     | 22.770   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 91.080%  |       |           |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 229546m    | 24.736   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 98.960%  |       |           |
| 32) Benzene-d6                | 8.276    | 84    |     | 819011     | 21.862   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 87.440%  |       |           |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 268194     | 22.960   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 91.840%  |       |           |
| 41) Toluene-d8                | 10.325   | 98    |     | 701367     | 21.433   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 85.720%  |       |           |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 97399      | 22.241   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 88.960%  |       |           |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 94563      | 59.227   | ug/L  | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 118.460% |       |           |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 217230     | 27.553   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 110.200% |       |           |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 218673     | 23.837   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 95.360%  |       |           |
| Target Compounds              |          |       |     |            |          |       |           |
| 16) Methylene chloride        | 4.923    | 84    |     | 20432      | 2.023    | ug/L  | Qvalue 90 |
| -----                         |          |       |     |            |          |       |           |

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

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