

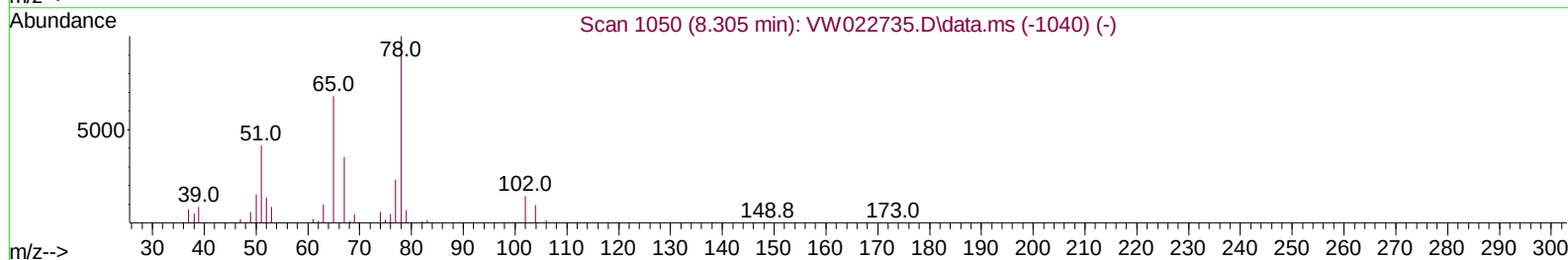
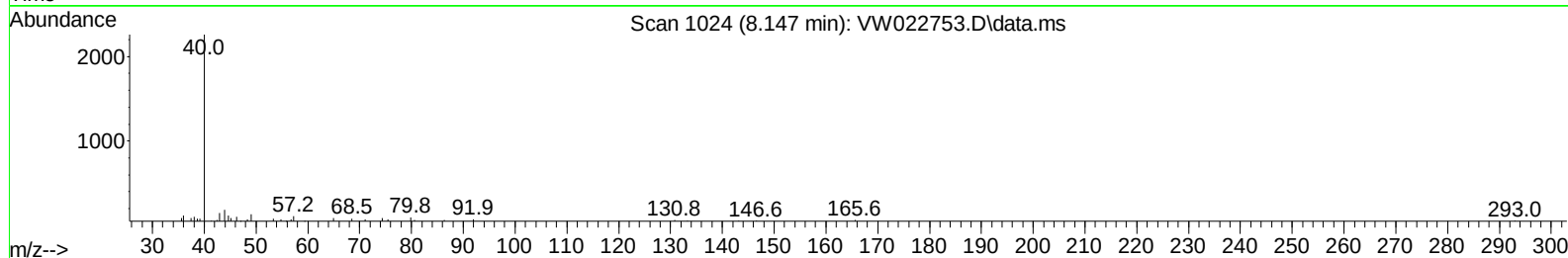
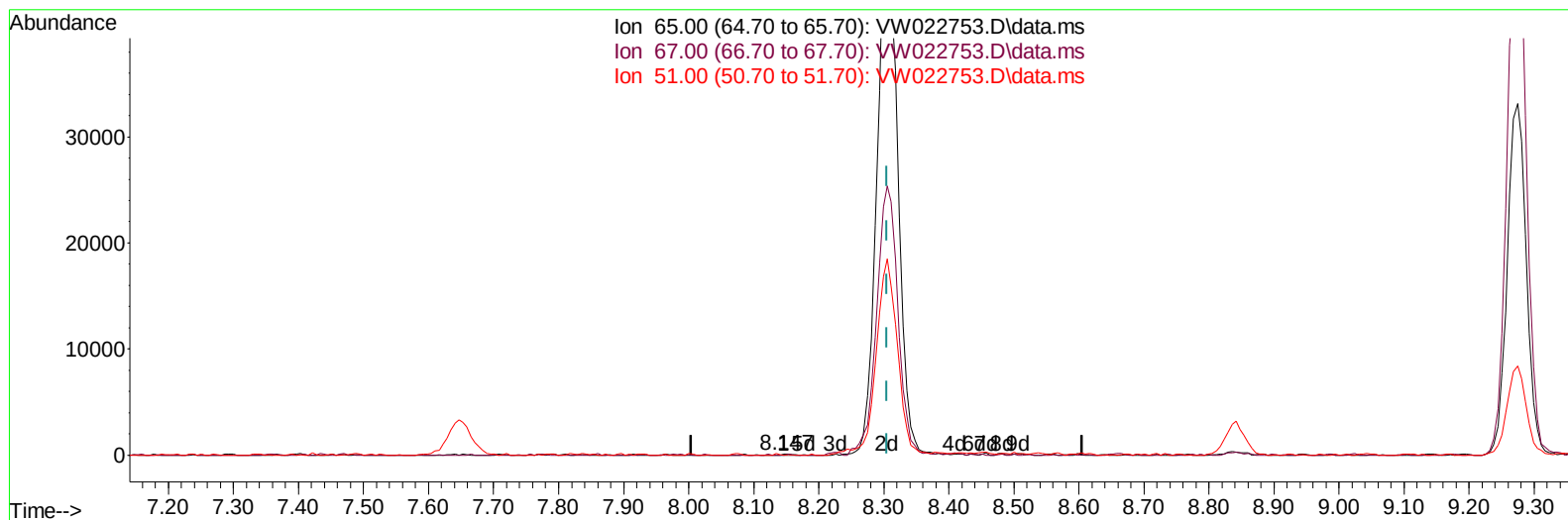
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050222\  
 Data File : VW022753.D  
 Acq On : 02 May 2022 20:41  
 Operator : SY/VA  
 Sample : VIBLK440  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK440

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/03/2022  
 Supervised By :Mahesh Dadoda 05/09/2022

Quant Time: May 03 01:45:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 03 01:41:22 2022  
 Response via : Initial Calibration



TIC: VW022753.D\data.ms

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

8.147min (-0.158) 0.02 ug/L

response 99

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 45.45  |
| 51.00 | 92.30  | 83.84  |
| 0.00  | 0.00   | 0.00   |

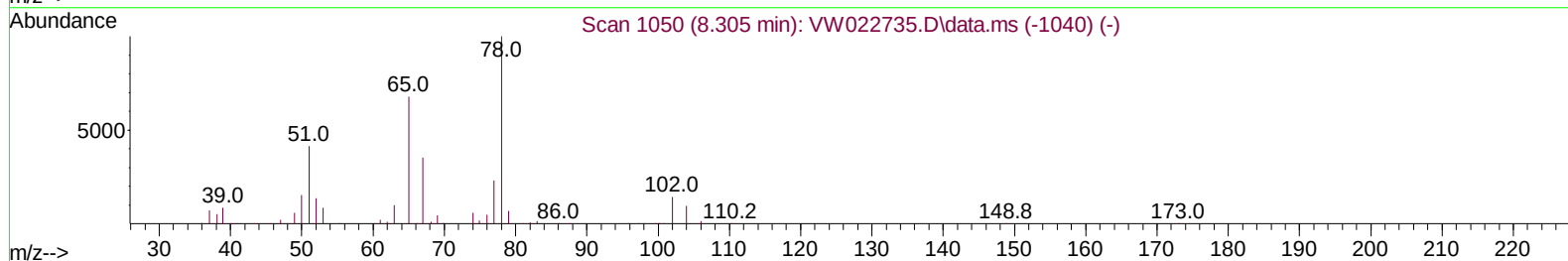
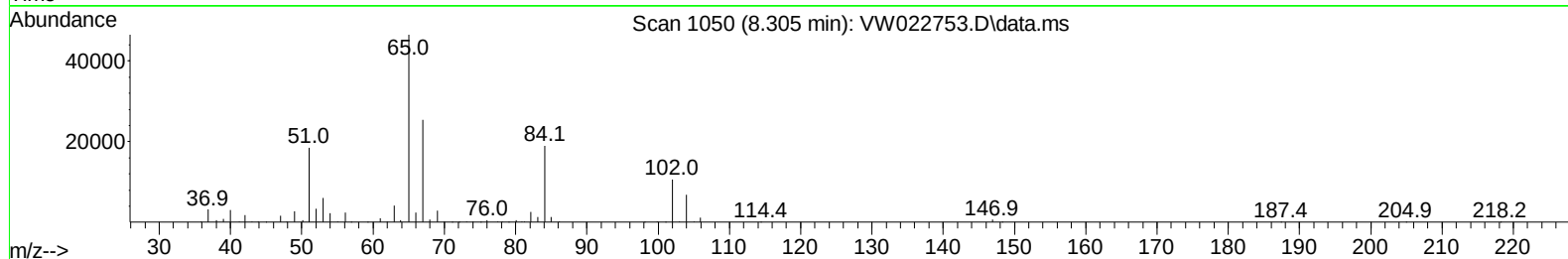
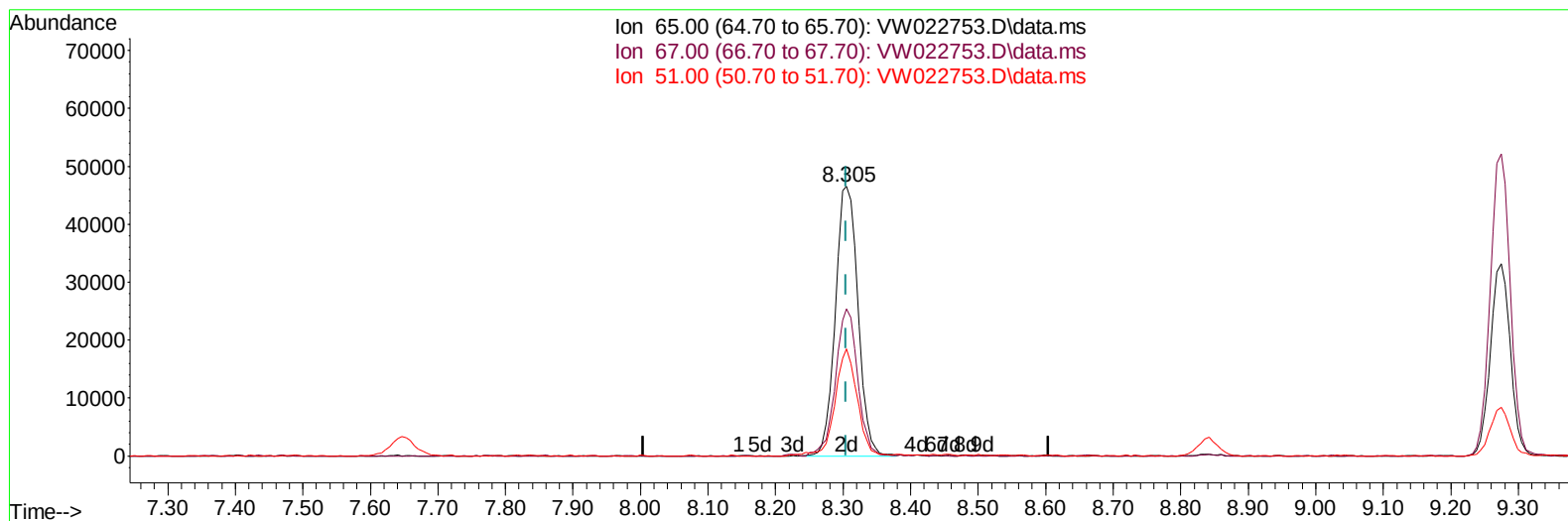
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TIC: VW022753.D\data.ms

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

8.305min (+ 0.000) 22.63 ug/L m

response 107737

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.04#  |
| 51.00 | 92.30  | 0.08#  |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | Q     | Ion | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|---------|-------|----------|
| -----                         |          |       |     |            |         |       |          |
| Internal Standards            |          |       |     |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   |     | 296276     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   |     | 295161     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   |     | 145883     | 25.000  | ug/L  | 0.00     |
|                               |          |       |     |            |         |       |          |
| System Monitoring Compounds   |          |       |     |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.355    | 65    |     | 132540     | 21.805  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 87.200% |       |          |
| 7) Chloroethane-d5            | 2.885    | 69    |     | 89664      | 22.673  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 90.680% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    |     | 122918     | 15.650  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 62.600% |       |          |
| 21) 2-Butanone-d5             | 7.080    | 46    |     | 49785      | 43.077  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 86.160% |       |          |
| 24) Chloroform-d              | 7.647    | 84    |     | 185102     | 21.325  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 85.280% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    |     | 107737m    | 22.630  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 90.520% |       |          |
| 32) Benzene-d6                | 8.275    | 84    |     | 377708     | 22.201  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 88.800% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    |     | 107383     | 22.470  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 89.880% |       |          |
| 41) Toluene-d8                | 10.323   | 98    |     | 352729     | 21.463  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 85.840% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    |     | 43373      | 19.711  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 78.840% |       |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    |     | 39875      | 43.708  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 87.420% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    |     | 95182      | 21.368  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 85.480% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   |     | 115573     | 22.663  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 90.640% |       |          |

Target Compounds Qvalue

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

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