

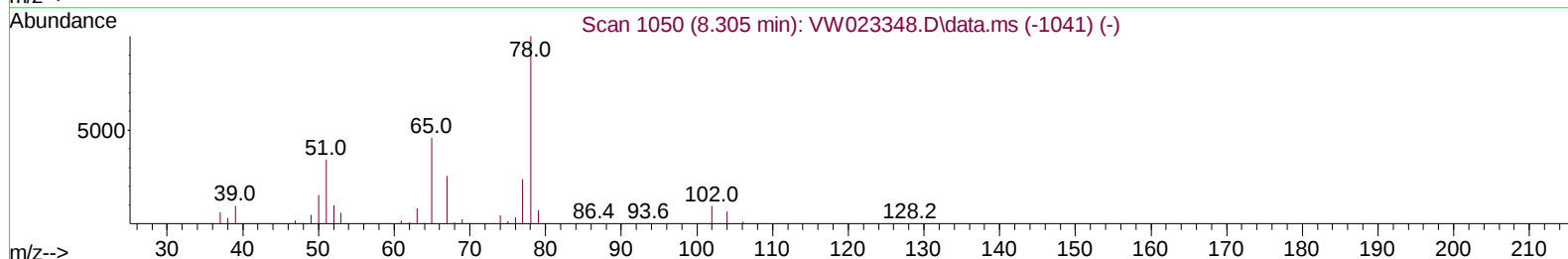
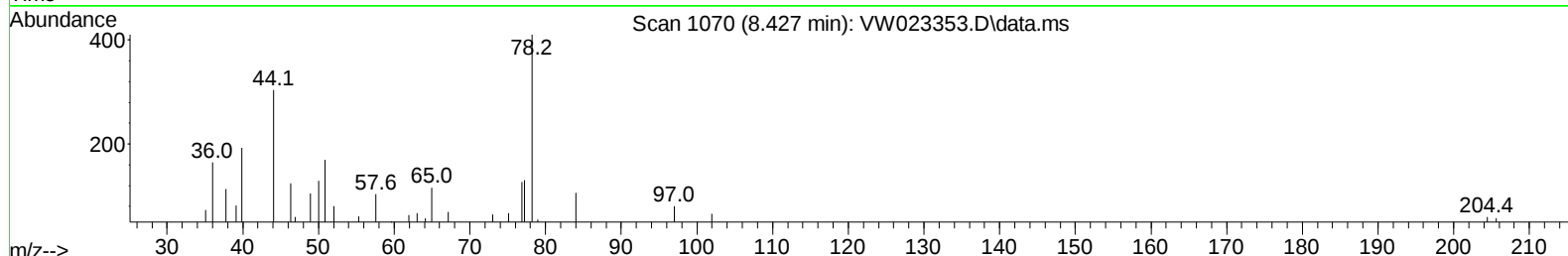
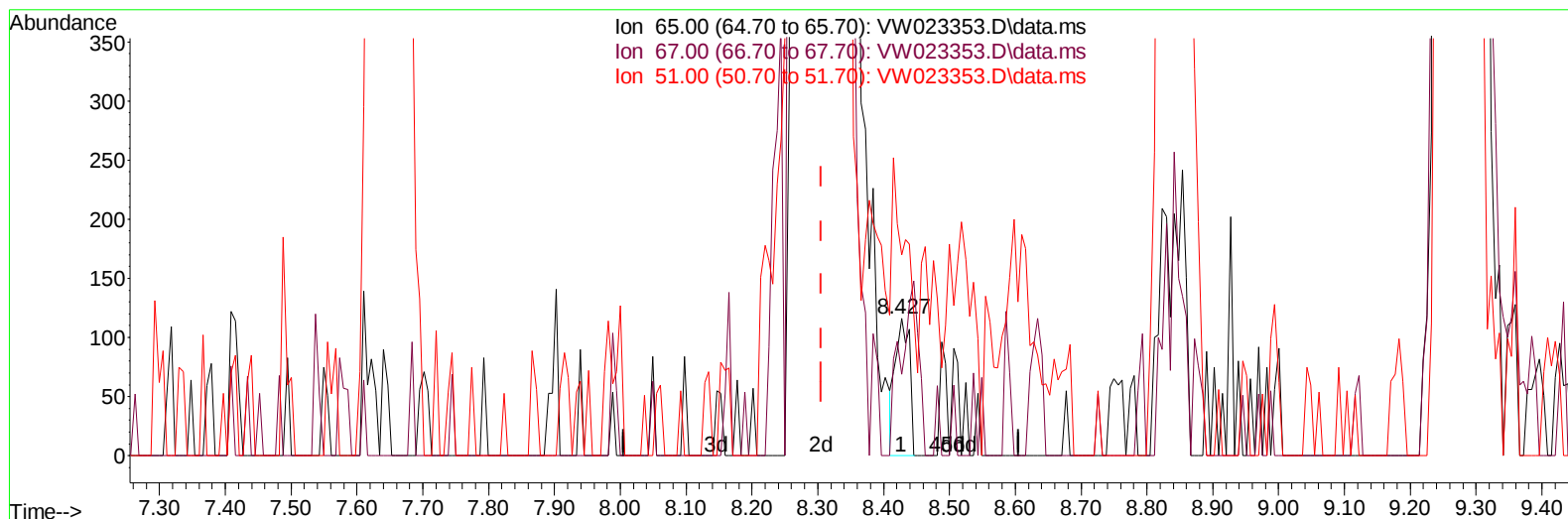
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052622\  
 Data File : VW023353.D  
 Acq On : 26 May 2022 12:15  
 Operator : SY/VA  
 Sample : N2995-23  
 Misc : 5.02g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Manual IntegrationsAPPROVED

Quant Time: May 27 00:23:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 27 00:22:20 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/27/2022  
 Supervised By :Mahesh Dadoda 05/31/2022



TIC: VW023353.D\data.ms

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

8.427min (+ 0.122) 0.03 ug/L

response 175

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 52.00  |
| 51.00 | 92.30  | 102.86 |
| 0.00  | 0.00   | 0.00   |

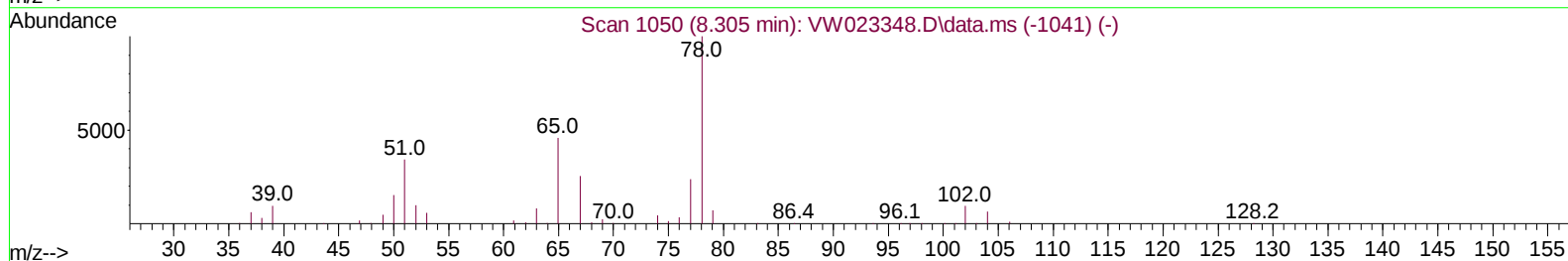
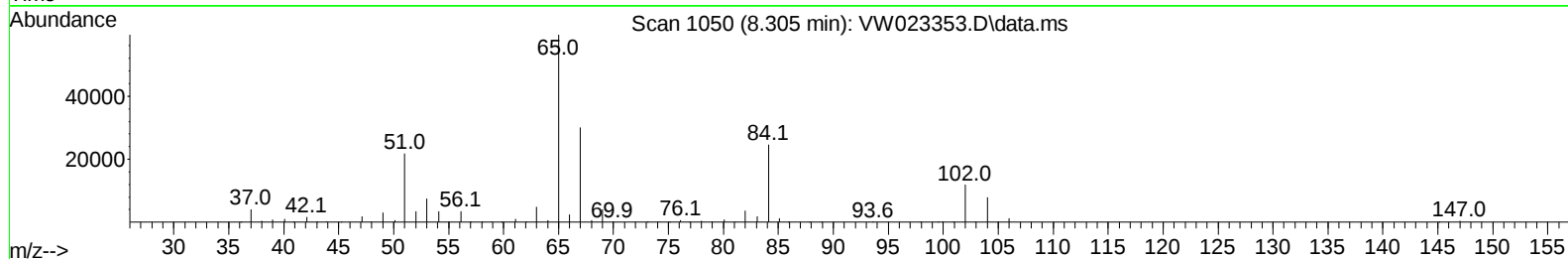
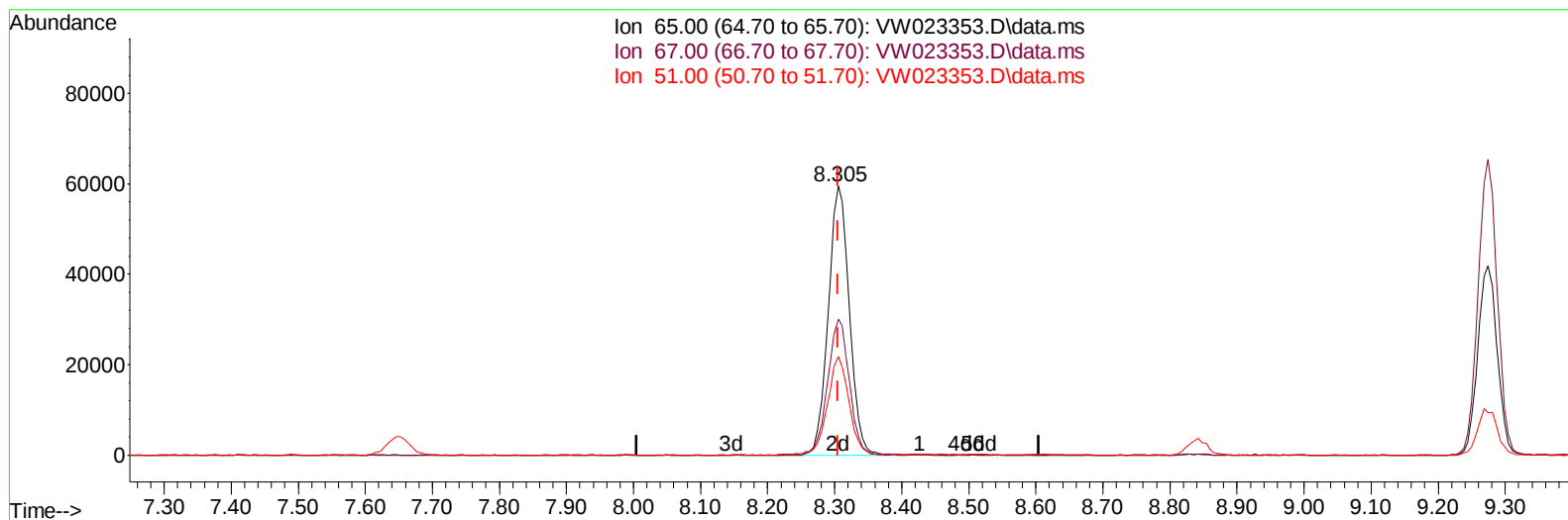
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TIC: VW023353.D\data.ms

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

8.305min (-0.000) 23.17 ug/L m

response 130253

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.07#  |
| 51.00 | 92.30  | 0.14#  |
| 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   |     | 349779     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   |     | 337981     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560   | 152   |     | 170900     | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    |     | 119792     | 16.693   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 66.760%  |       |          |
| 7) Chloroethane-d5            | 2.885    | 69    |     | 80883      | 17.324   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 69.280%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    |     | 130922     | 14.119   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 56.480%  |       |          |
| 21) 2-Butanone-d5             | 7.080    | 46    |     | 66139      | 48.474   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 96.940%  |       |          |
| 24) Chloroform-d              | 7.647    | 84    |     | 230424     | 22.485   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 89.960%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    |     | 130253m    | 23.175   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 92.680%  |       |          |
| 32) Benzene-d6                | 8.275    | 84    |     | 441174     | 22.646   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 90.600%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    |     | 129821     | 23.723   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 94.880%  |       |          |
| 41) Toluene-d8                | 10.323   | 98    |     | 417413     | 22.181   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 88.720%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.573   | 79    |     | 55119      | 21.876   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 87.520%  |       |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    |     | 52939      | 50.676   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 101.360% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    |     | 120311     | 23.588   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 94.360%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   |     | 156229     | 26.151   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 104.600% |       |          |

Target Compounds Qvalue

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

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