

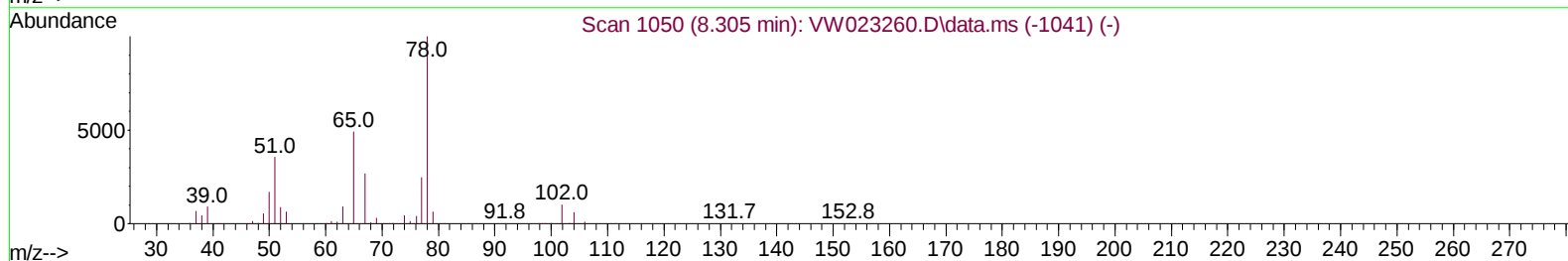
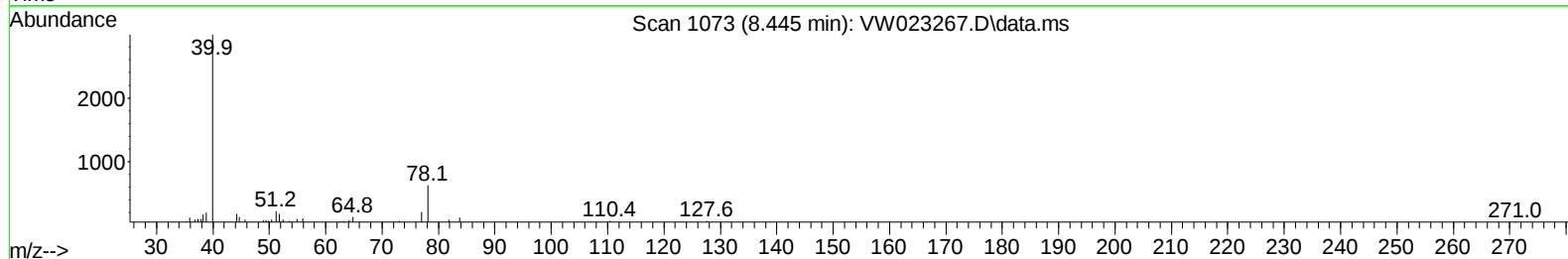
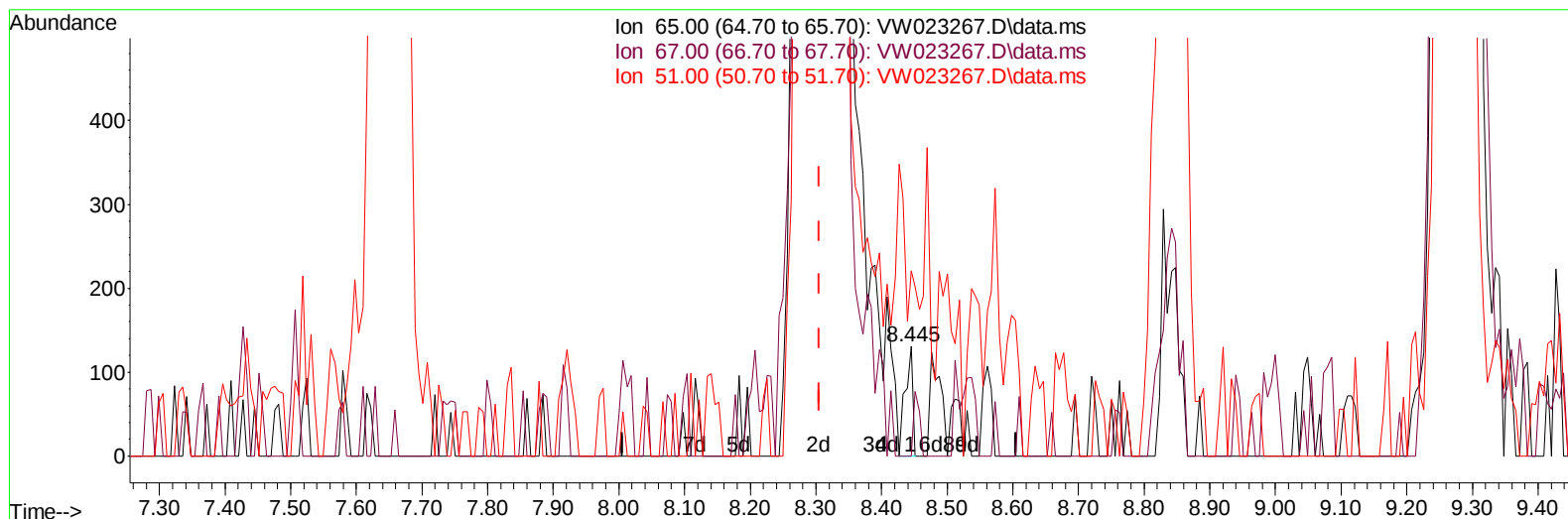
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052422\  
 Data File : VW023267.D  
 Acq On : 24 May 2022 13:11  
 Operator : SY/VA  
 Sample : N2996-05  
 Misc : 6.53g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBGS8

Manual IntegrationsAPPROVED

Quant Time: May 25 00:50:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 25 00:48:22 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/26/2022  
 Supervised By :Mahesh Dadoda 05/26/2022



TIC: VW023267.D\data.ms

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

**8.445min (+ 0.140) 0.02 ug/L**

**response 105**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 45.71  |
| 51.00 | 92.30  | 112.38 |
| 0.00  | 0.00   | 0.00   |

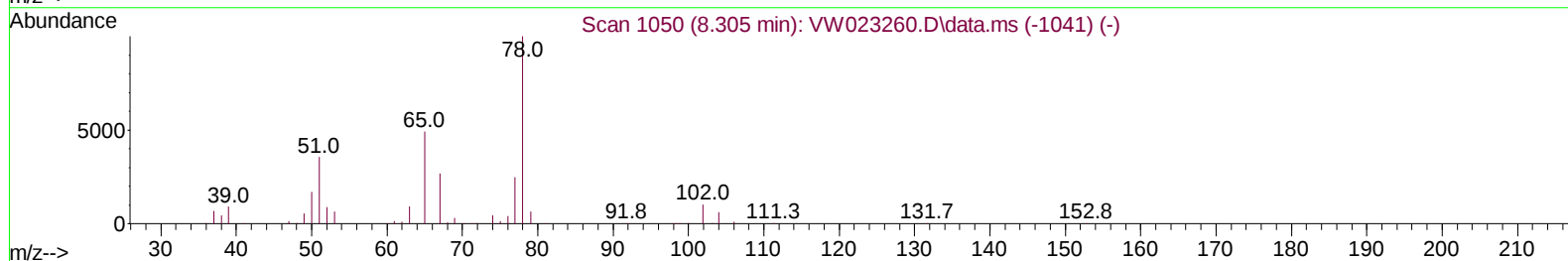
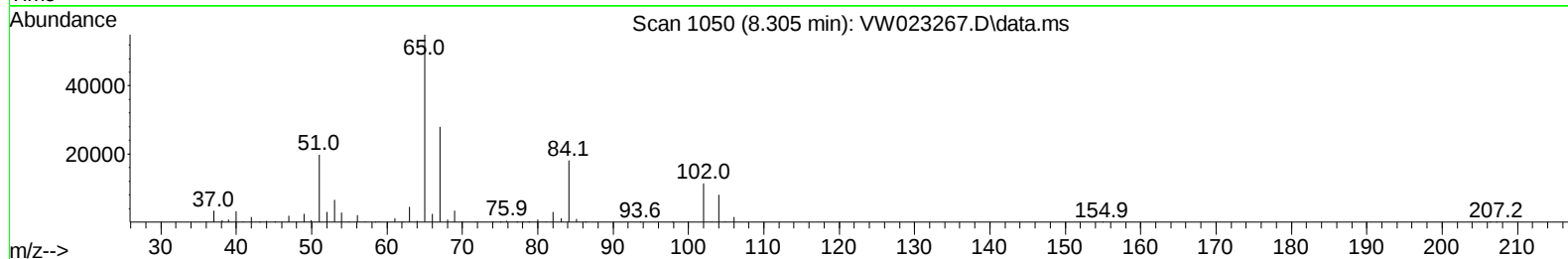
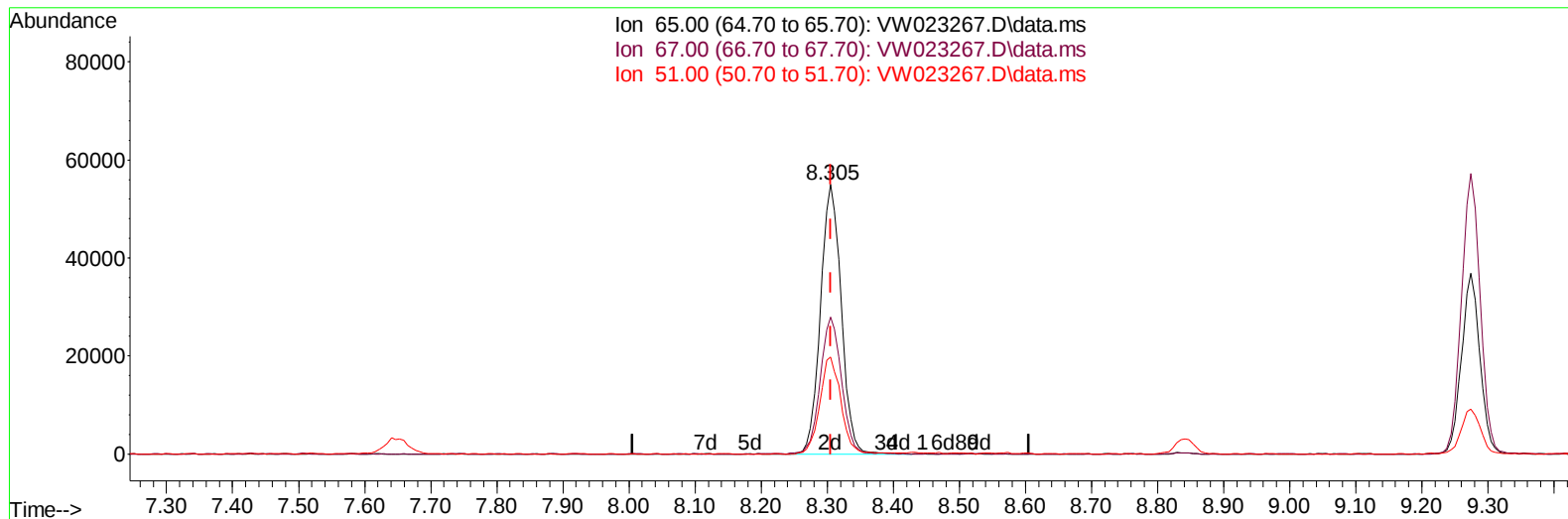
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TIC: VW023267.D\data.ms

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

8.305min (-0.000) 23.80 ug/L m

response 120142

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.04#  |
| 51.00 | 92.30  | 0.10#  |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.841    | 114   | 314206   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 321354   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 202124   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 100168   | 15.539 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 62.160%  |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 65370    | 15.587 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 62.360%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 100460   | 12.061 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 48.240%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 73543    | 60.002 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 120.000% |          |
| 24) Chloroform-d              | 7.647    | 84    | 195676   | 21.256 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 85.040%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 120142m  | 23.796 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 95.200%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 356166   | 19.229 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 76.920%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 113545   | 21.823 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 87.280%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 322468   | 18.022 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 72.080%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 48725    | 20.339 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 81.360%  |          |
| 47) 2-Hexanone-d5             | 10.926   | 63    | 61945    | 62.366 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 124.740% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 136697   | 28.187 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 112.760% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 158968   | 22.499 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 90.000%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 13) Acetone                   | 4.123    | 43    | 8187     | 8.922  | ug/L     | 94       |
| 60) Isopropylbenzene          | 12.463   | 105   | 28673    | 1.035  | ug/L     | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.938   | 105   | 652371   | 42.348 | ug/L     | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.249   | 105   | 799623   | 34.569 | ug/L     | 100      |
| -----                         |          |       |          |        |          |          |

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

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