

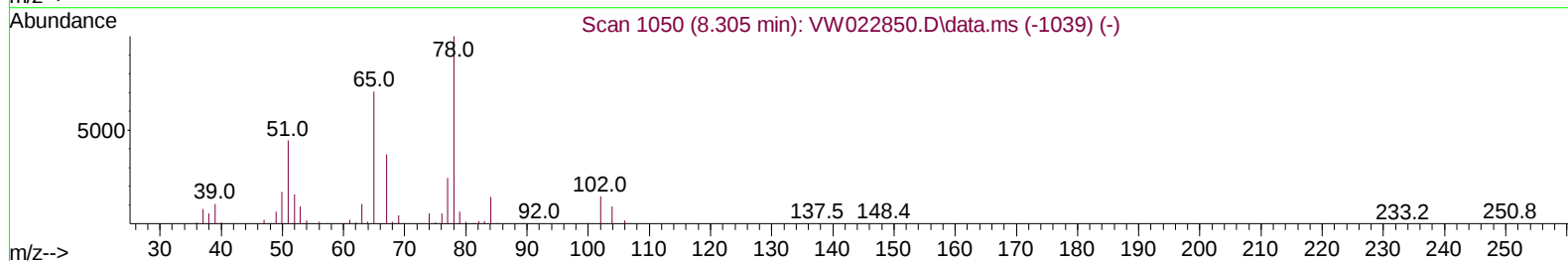
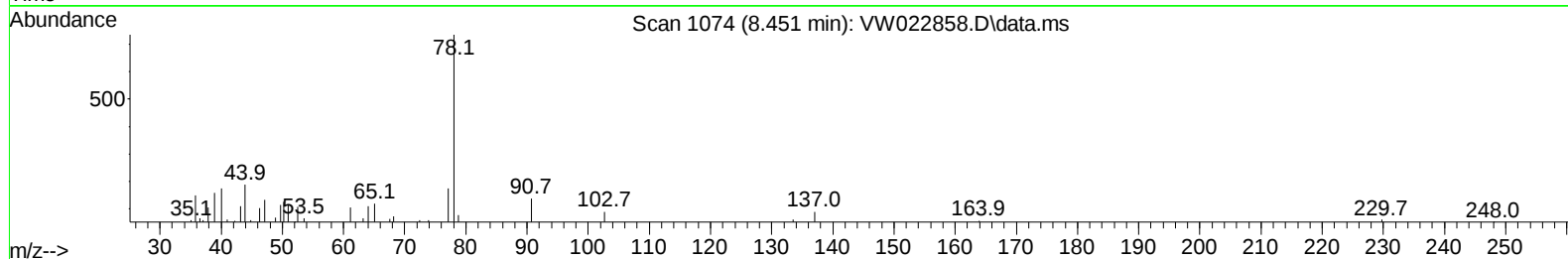
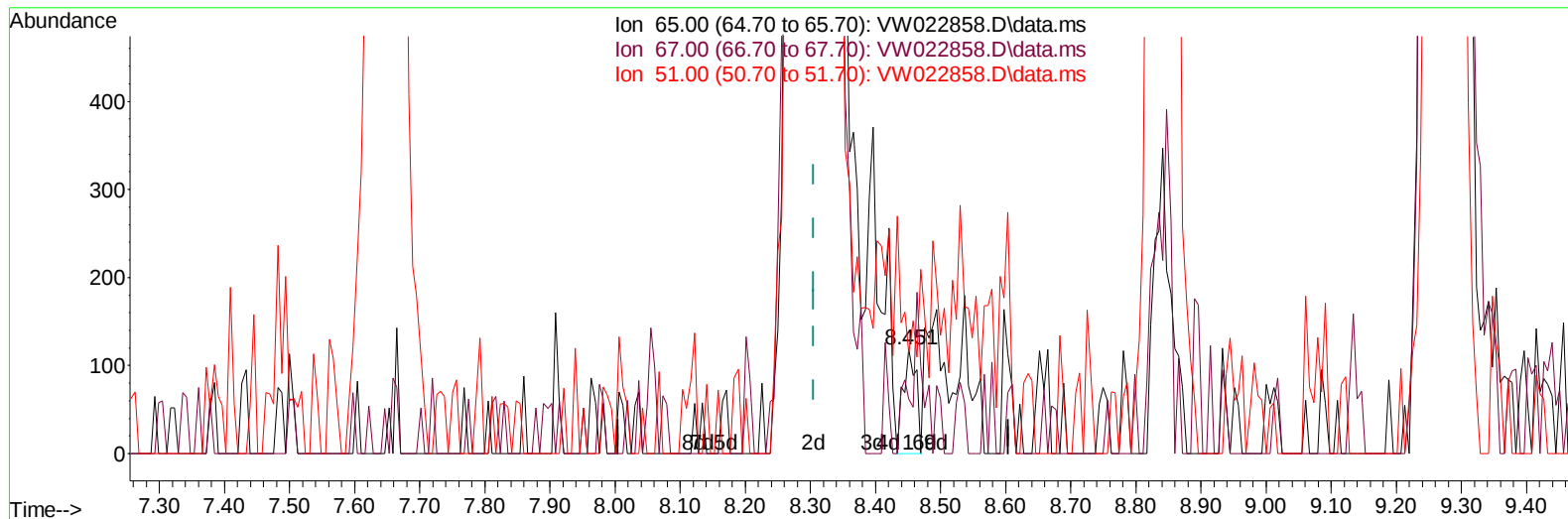
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050522\  
Data File : VW022858.D  
Acq On : 05 May 2022 22:46  
Operator : SY/VA  
Sample : N2708-15  
Misc : 5.28g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EXL41

Manual IntegrationsAPPROVED

Quant Time: May 06 02:57:07 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri May 06 02:14:27 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/06/2022  
Supervised By :Mahesh Dadoda 05/10/2022



TIC: VW022858.D\data.ms

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

8.451min (+ 0.146) 0.03 ug/L

response 164

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 60.37  |
| 51.00 | 92.30  | 68.90  |
| 0.00  | 0.00   | 0.00   |

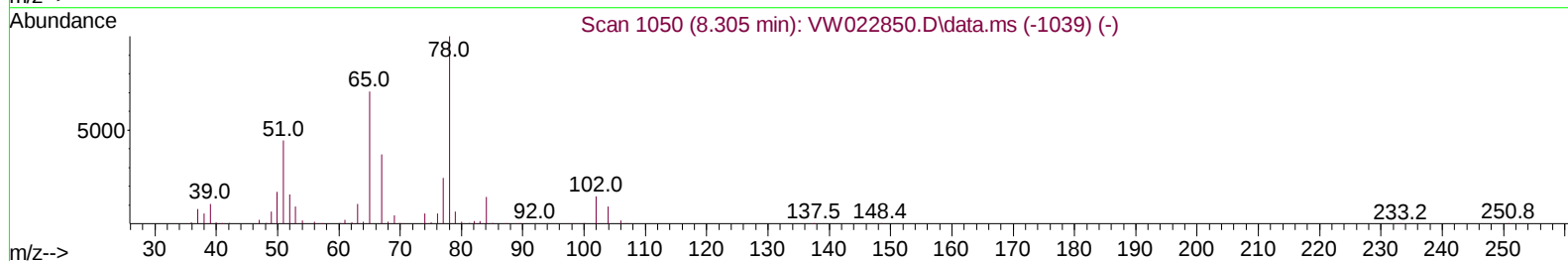
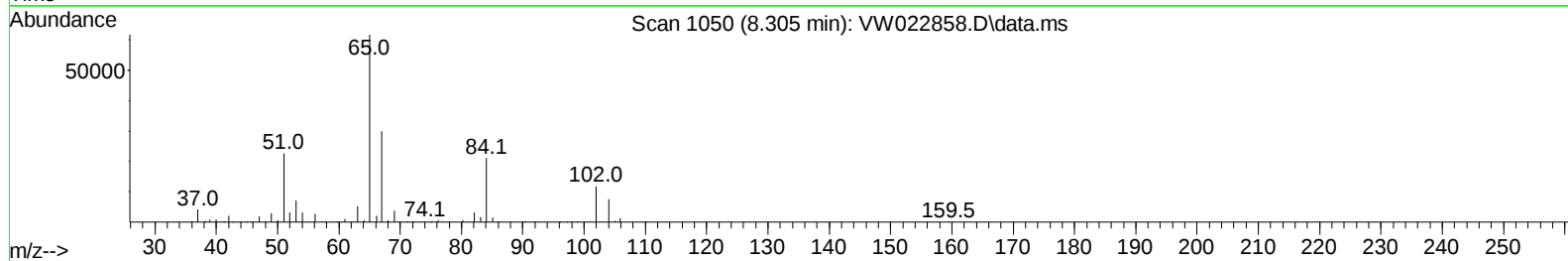
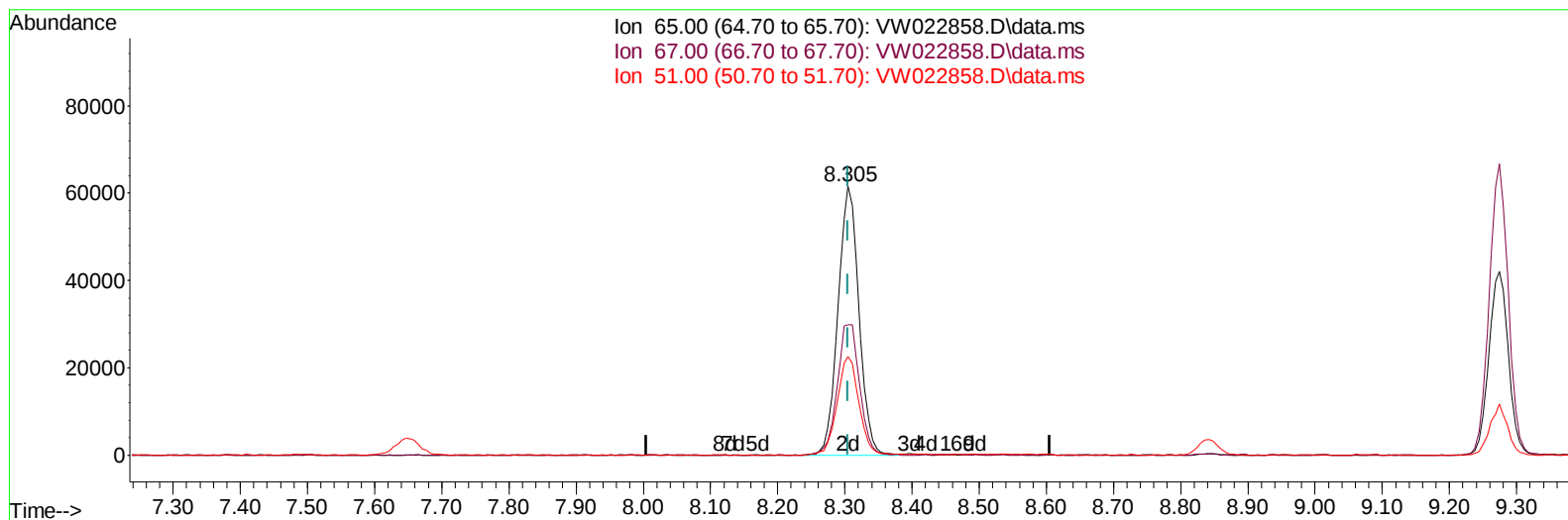
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TIC: VW022858.D\data.ms

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

8.305min ( 0.000) 24.25 ug/L m

response 133768

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.07#  |
| 51.00 | 92.30  | 0.08#  |
| 0.00  | 0.00   | 0.00   |

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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        | 8.842    | 114   |     | 343358     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   |     | 341826     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   |     | 165362     | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    |     | 135372     | 19.217   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 76.880%  |       |          |
| 7) Chloroethane-d5            | 2.885    | 69    |     | 102809     | 22.433   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 89.720%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    |     | 125728     | 13.813   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 55.240%  |       |          |
| 21) 2-Butanone-d5             | 7.080    | 46    |     | 67570      | 50.449   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 100.900% |       |          |
| 24) Chloroform-d              | 7.647    | 84    |     | 229372     | 22.801   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 91.200%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    |     | 133768m    | 24.245   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 97.000%  |       |          |
| 32) Benzene-d6                | 8.275    | 84    |     | 433977     | 22.026   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 88.120%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    |     | 132096     | 23.868   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 95.480%  |       |          |
| 41) Toluene-d8                | 10.323   | 98    |     | 397038     | 20.861   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 83.440%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    |     | 51861      | 20.351   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 81.400%  |       |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    |     | 56602      | 53.573   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 107.140% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    |     | 121693     | 23.591   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 94.360%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   |     | 136873     | 23.678   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 94.720%  |       |          |

Target Compounds Qvalue

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

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