

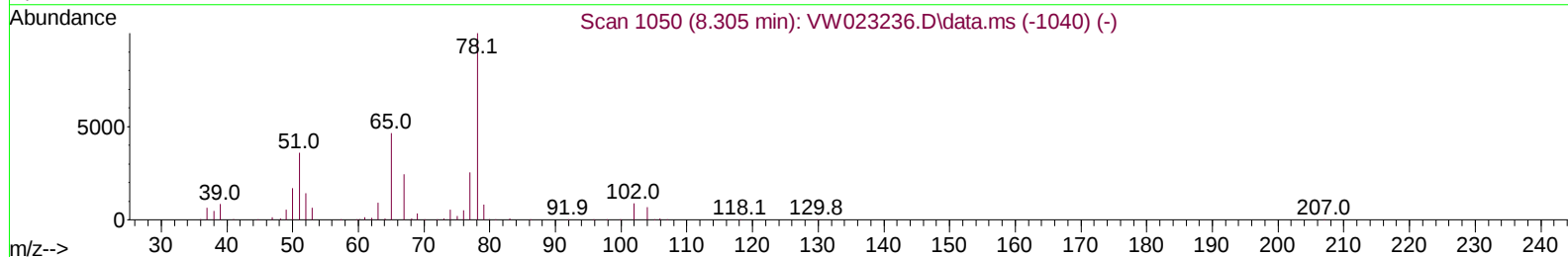
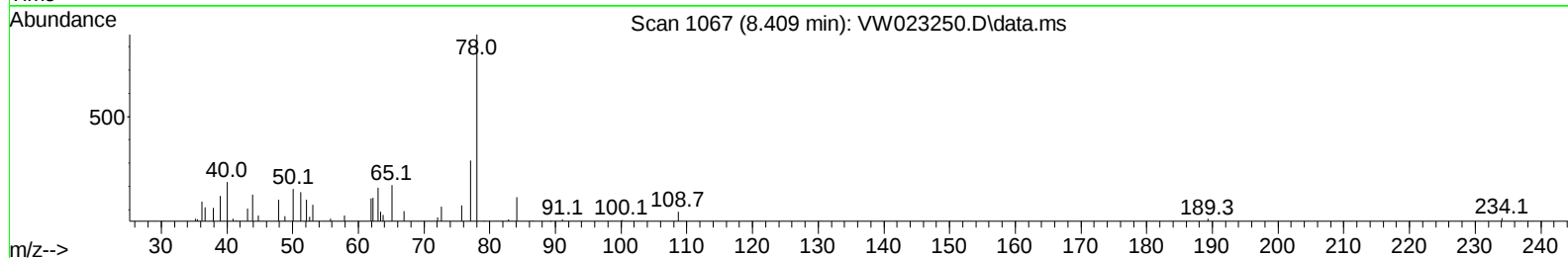
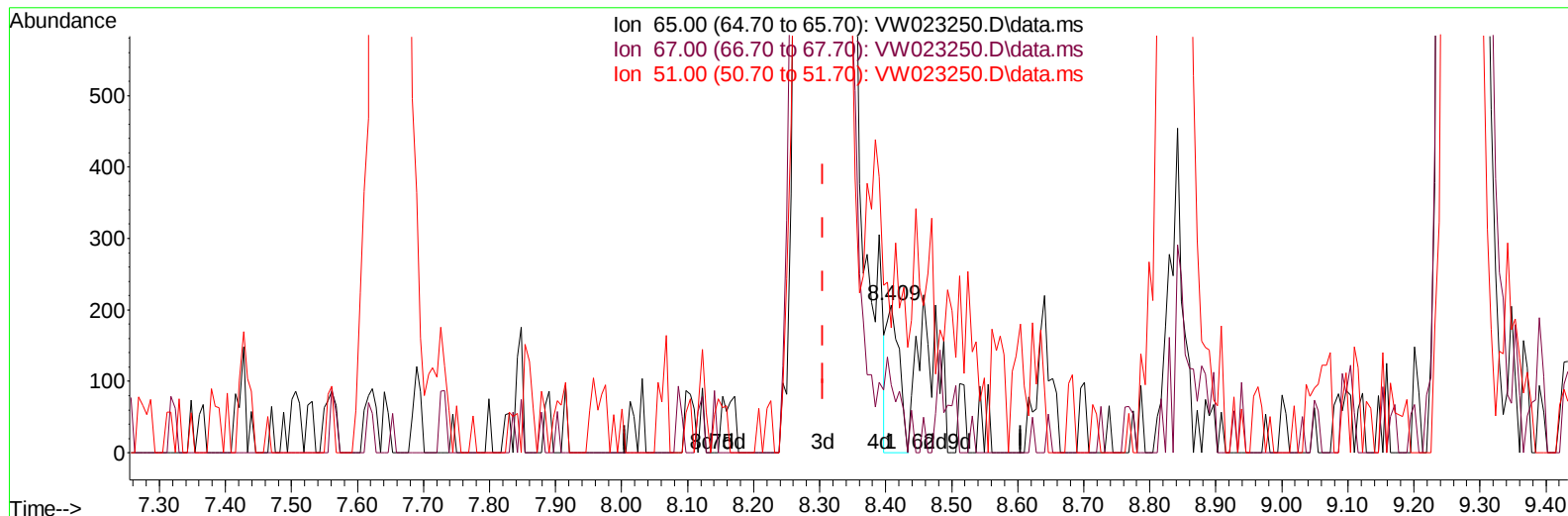
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052322\  
 Data File : VW023250.D  
 Acq On : 23 May 2022 15:10  
 Operator : SY/VA  
 Sample : N2926-15  
 Misc : 4.35g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXY25

Manual IntegrationsAPPROVED

Quant Time: May 24 01:30:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 24 01:27:20 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/24/2022  
 Supervised By :Mahesh Dadoda 05/25/2022



TIC: VW023250.D\data.ms

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

**8.409min (+ 0.104) 0.05 ug/L**

**response 274**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 64.96  |
| 51.00 | 92.30  | 70.80  |
| 0.00  | 0.00   | 0.00   |

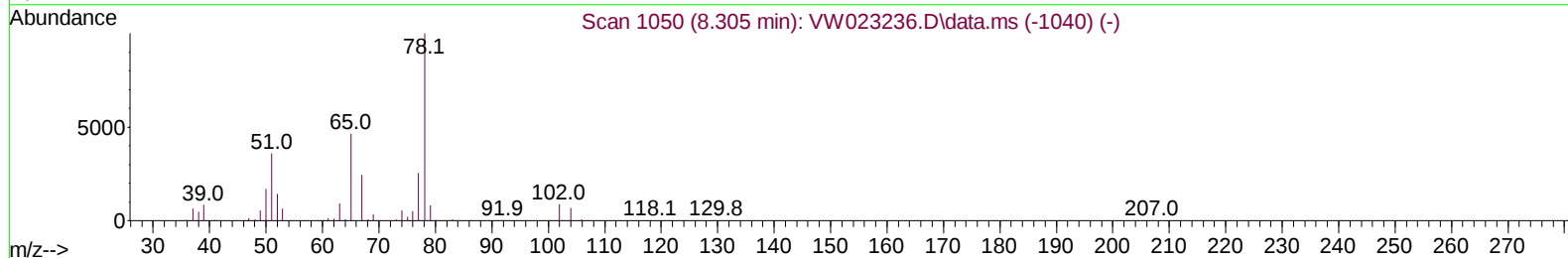
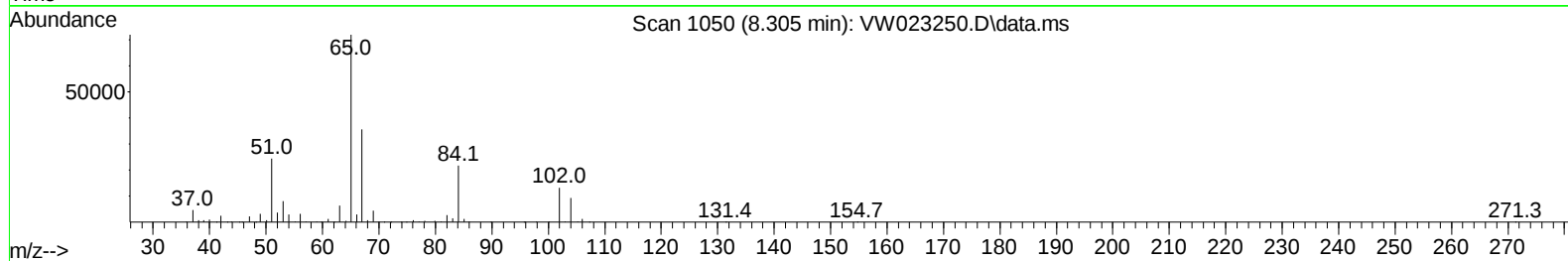
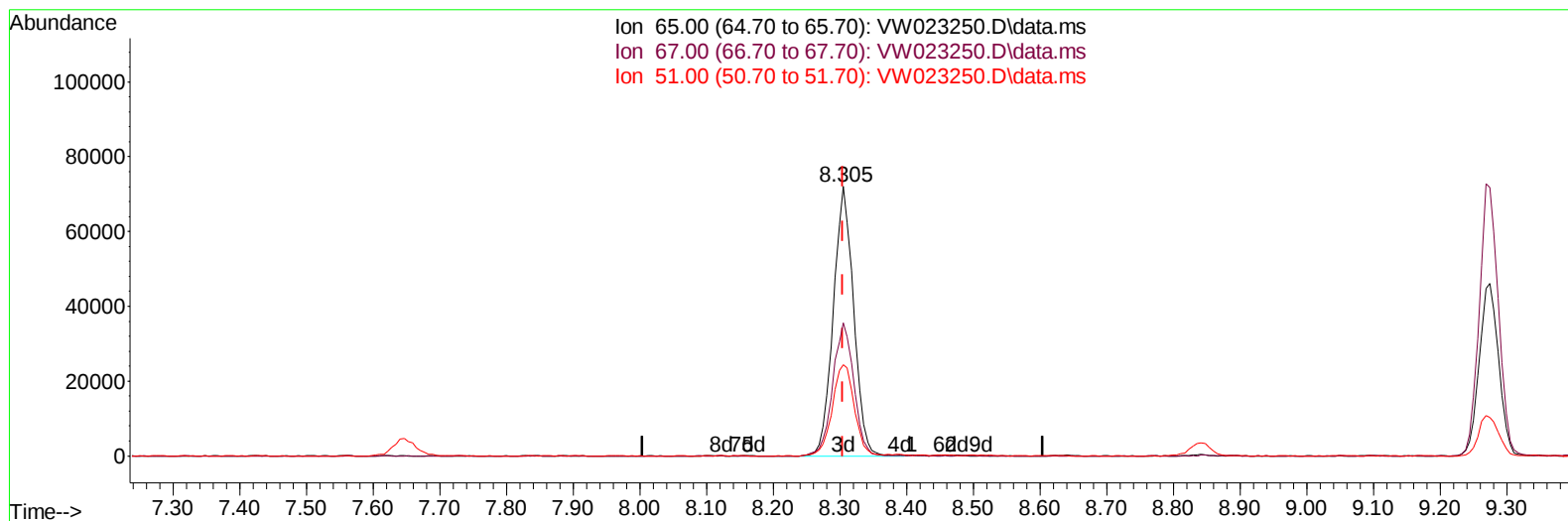
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TIC: VW023250.D\data.ms

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

8.305min (+ 0.000) 27.12 ug/L m

response 152567

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.12#  |
| 51.00 | 92.30  | 0.13#  |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 350142   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 357896   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 175348   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 140048   | 19.495 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 78.000%  |          |
| 7) Chloroethane-d5            | 2.879    | 69    | 92954    | 19.889 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 79.560%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 127089   | 13.692 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 54.760%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 77897    | 57.032 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 114.060% |          |
| 24) Chloroform-d              | 7.647    | 84    | 254149   | 24.775 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 99.080%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 152567m  | 27.117 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 108.480% |          |
| 32) Benzene-d6                | 8.275    | 84    | 467892   | 22.681 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 90.720%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.268    | 67    | 145026   | 25.027 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 100.120% |          |
| 41) Toluene-d8                | 10.323   | 98    | 444749   | 22.318 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 89.280%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 60000    | 22.488 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 89.960%  |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 61884    | 55.943 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 111.880% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 148179   | 27.435 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 109.760% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 151939   | 24.788 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 99.160%  |          |

Target Compounds Qvalue

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

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