

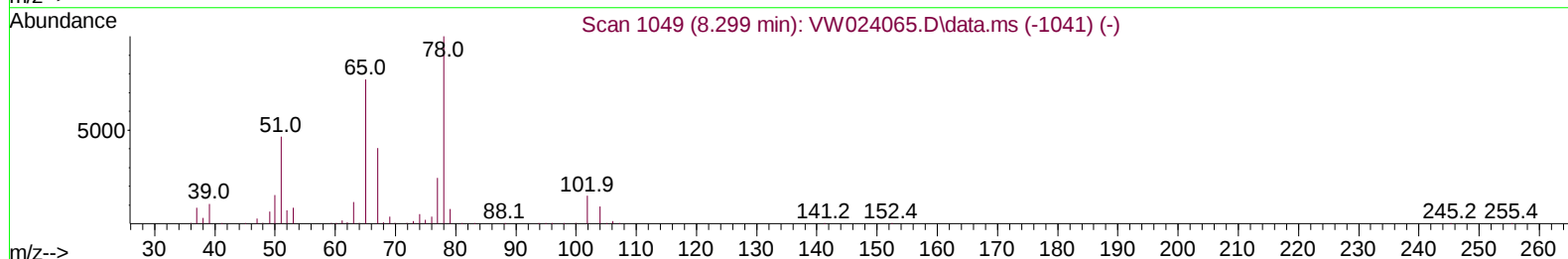
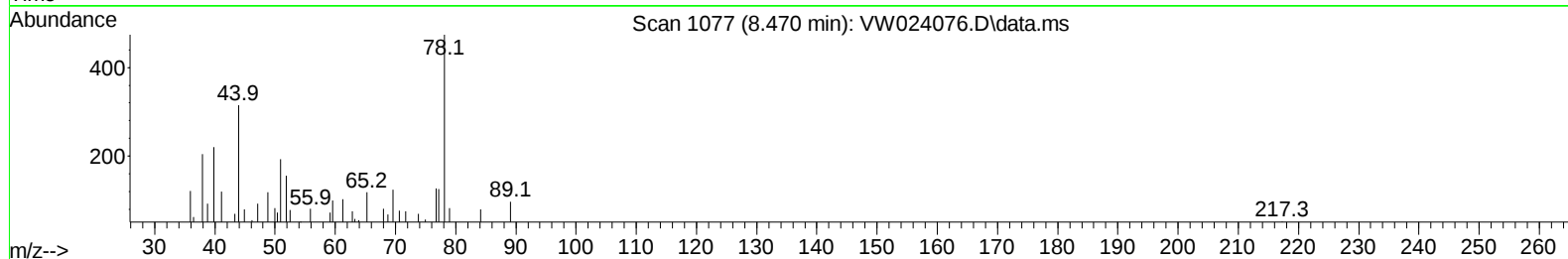
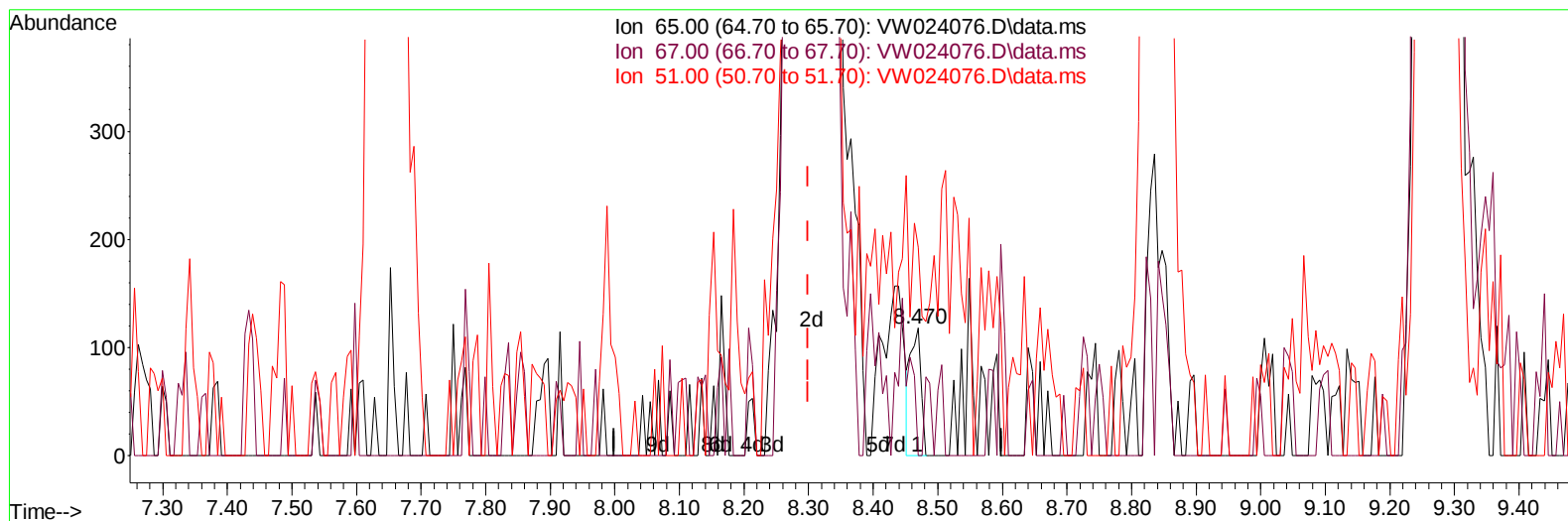
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072522\  
 Data File : VW024076.D  
 Acq On : 25 Jul 2022 18:35  
 Operator : SY/VA  
 Sample : N3823-06  
 Misc : 7.17g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0B65

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:34:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072522SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 26 01:30:33 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/26/2022  
 Supervised By :Mahesh Dadoda 07/26/2022



TIC: VW024076.D\data.ms

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

8.470min (+ 0.170) 0.03 ug/L

response 134

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 50.40  | 44.78  |
| 51.00 | 101.90 | 82.09  |
| 0.00  | 0.00   | 0.00   |

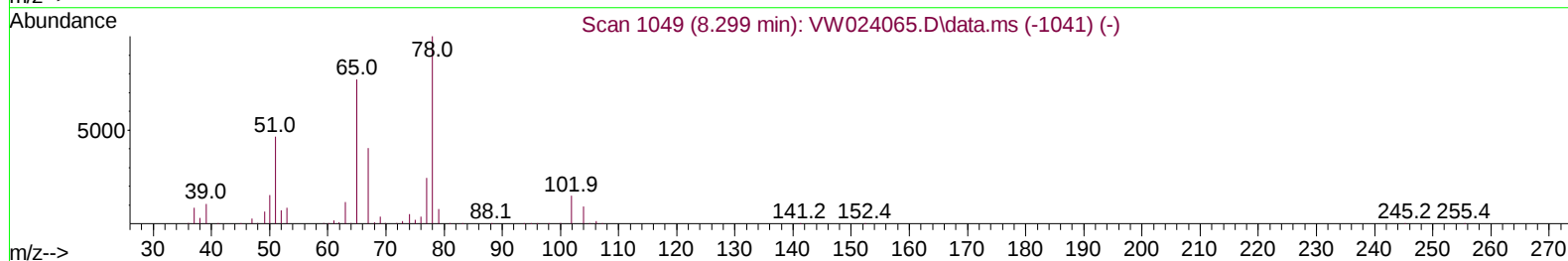
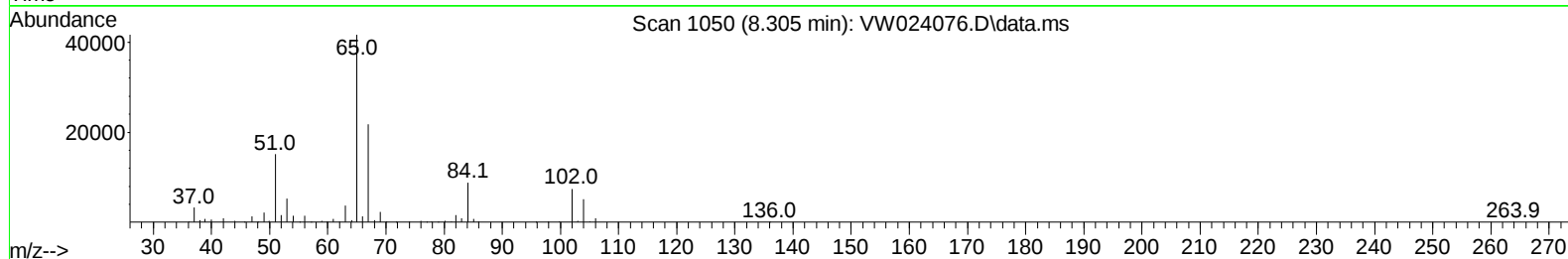
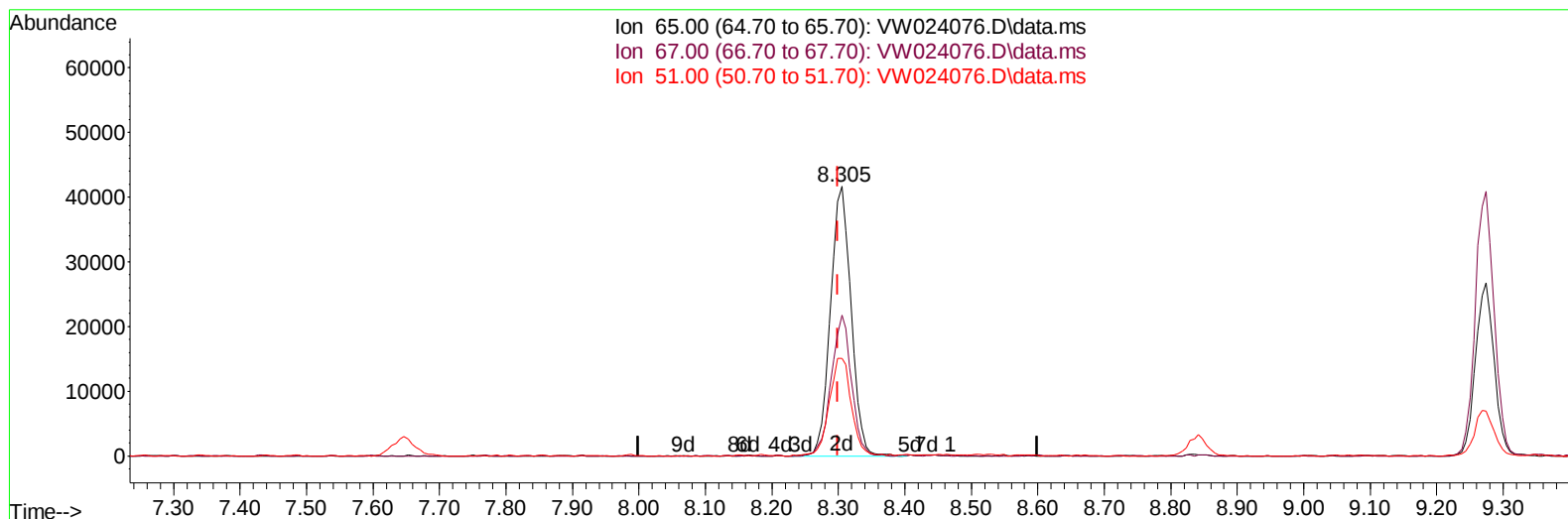
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TIC: VW024076.D\data.ms

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

8.305min (+ 0.006) 23.32 ug/L m

response 89624

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 50.40  | 0.07#  |
| 51.00 | 101.90 | 0.12#  |
| 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        | 8.841  | 114            | 243338   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 249777   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 112327   | 25.000 | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.336  | 65             | 116690   | 22.372 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 89.480%  |          |
| 7) Chloroethane-d5            | 2.873  | 69             | 81708    | 23.184 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 92.720%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63             | 61742    | 13.443 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 53.760%  |          |
| 21) 2-Butanone-d5             | 7.080  | 46             | 53192    | 57.381 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 114.760% |          |
| 24) Chloroform-d              | 7.646  | 84             | 137943   | 20.620 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 82.480%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 89624m   | 23.318 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 93.280%  |          |
| 32) Benzene-d6                | 8.268  | 84             | 245168   | 21.130 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 84.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 81077    | 22.154 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 88.600%  |          |
| 41) Toluene-d8                | 10.323 | 98             | 226332   | 19.505 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 78.000%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 32344    | 19.933 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 79.720%  |          |
| 47) 2-Hexanone-d5             | 10.926 | 63             | 44038    | 57.558 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 115.120% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 93940    | 22.246 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 89.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 87377    | 24.019 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 96.080%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 13) Acetone                   | 4.135  | 43             | 2634     | 4.004  | ug/L     | 85       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75             | 3096     | 0.583  | ug/L     | 90       |
| -----                         |        |                |          |        |          |          |

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

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