

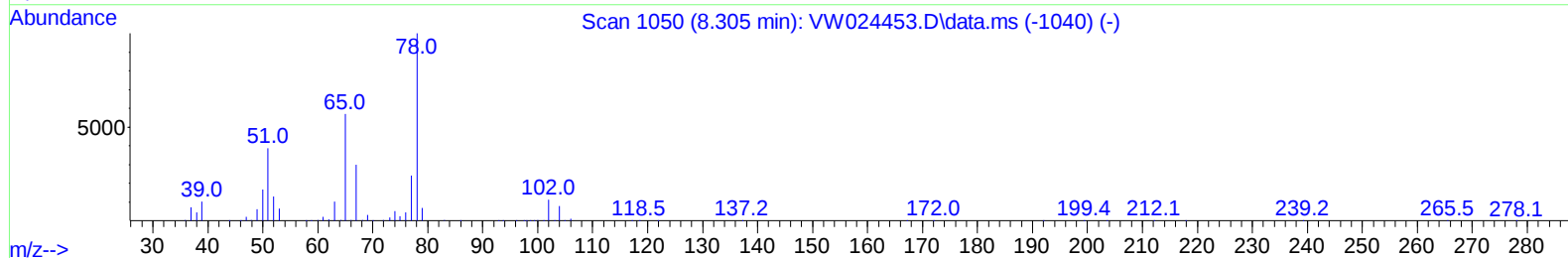
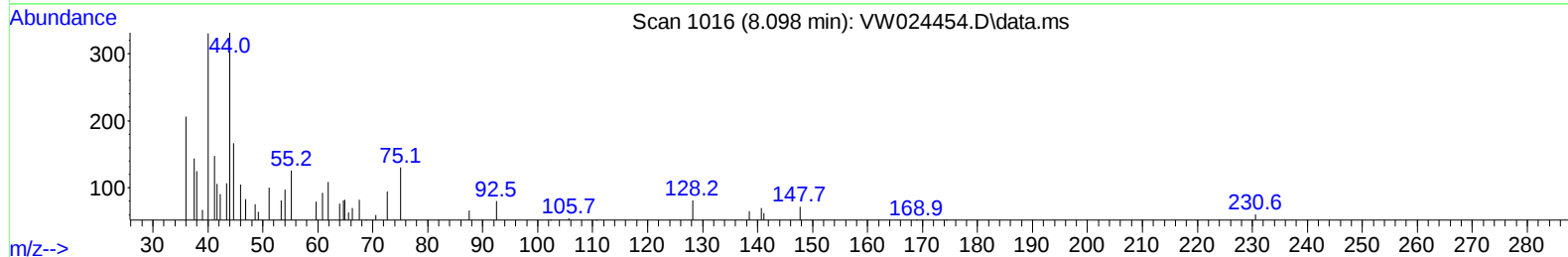
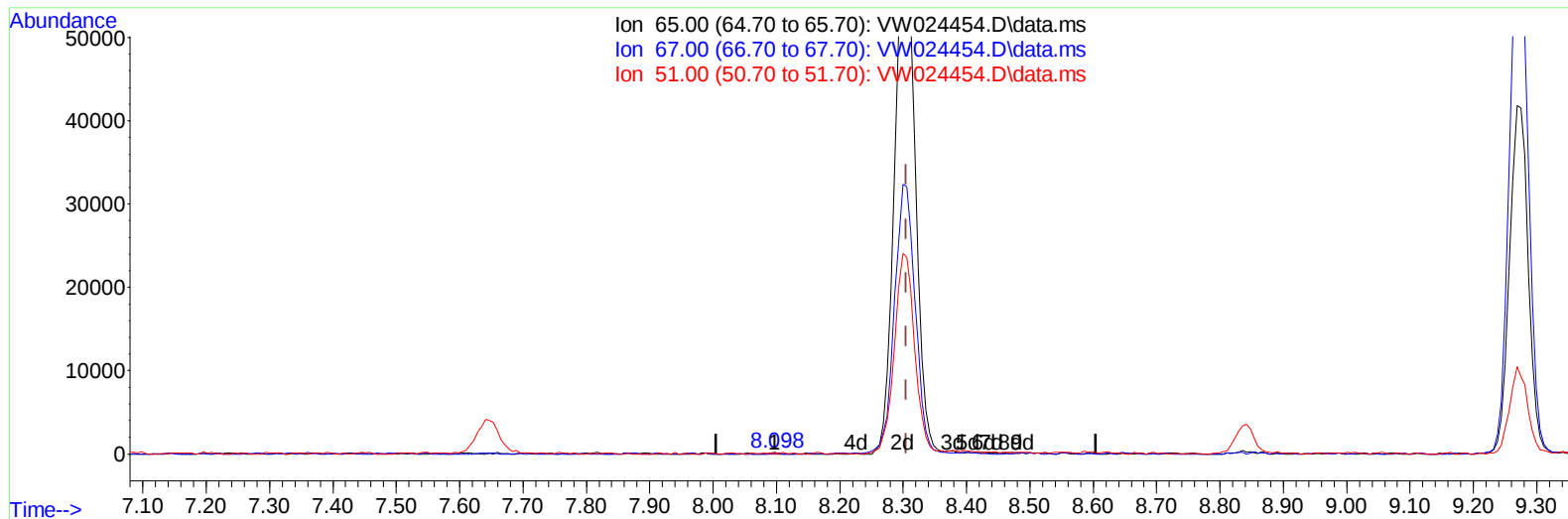
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
 Data File : VW024454.D  
 Acq On : 29 Aug 2022 18:52  
 Operator : SY/VA  
 Sample : VW0829SBL02  
 Misc : 5.53g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK590

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022  
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 30 00:25:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Aug 30 00:24:06 2022  
 Response via : Initial Calibration



TIC: VW024454.D\data.ms

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

8.098min (-0.207) 0.02 ug/L

response 140

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 59.29  |
| 51.00 | 96.50  | 75.71  |
| 0.00  | 0.00   | 0.00   |

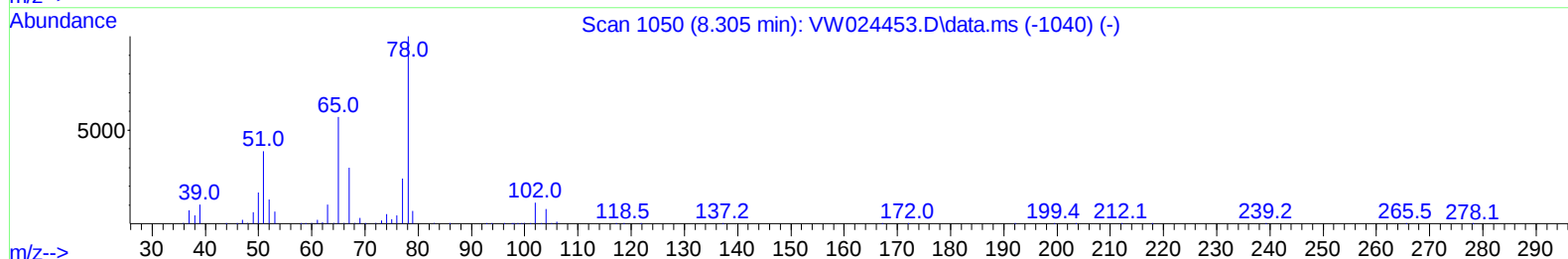
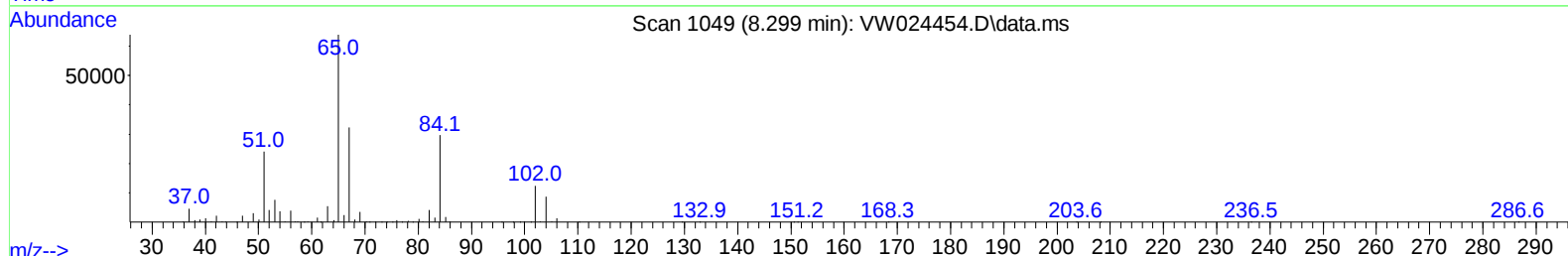
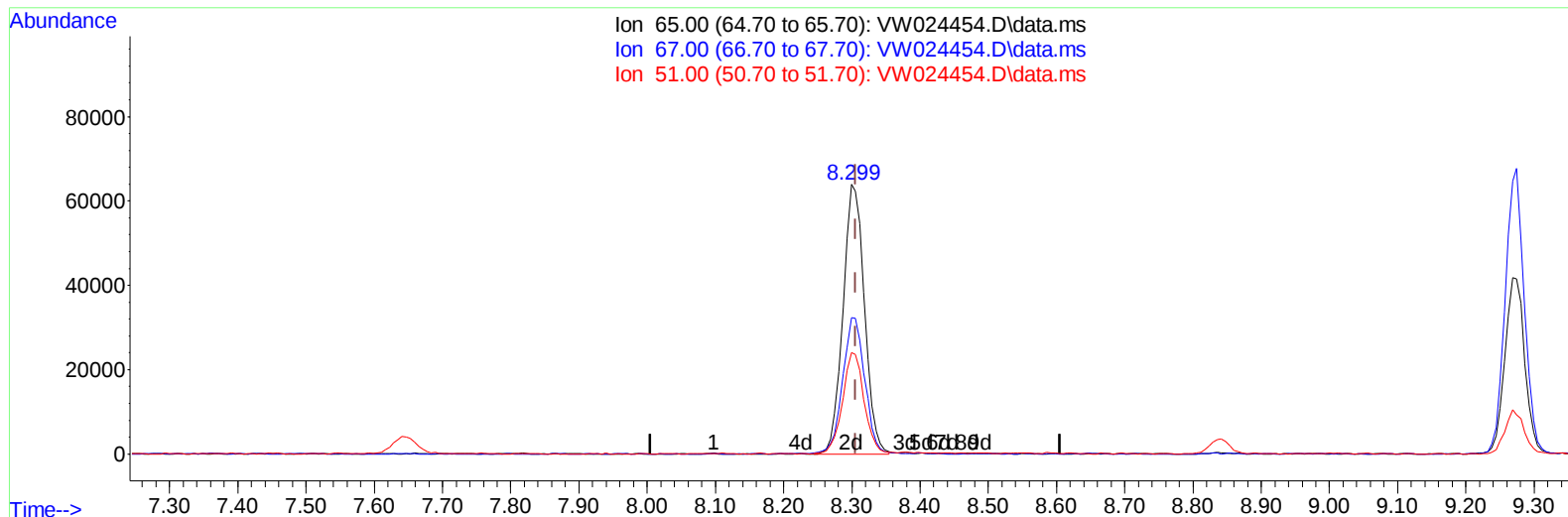
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TIC: VW024454.D\data.ms

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

8.299min (-0.006) 21.73 ug/L m

response 139882

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.06#  |
| 51.00 | 96.50  | 0.08#  |
| 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   |          | 330192   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   |          | 316282   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   |          | 146497   | 25.000 | ug/L    | 0.00     |
|                               |        |       |          |          |        |         |          |
| System Monitoring Compounds   |        |       |          |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.337  | 65    |          | 177012   | 19.448 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.800% |          |
| 7) Chloroethane-d5            | 2.873  | 69    |          | 125992   | 18.475 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.880% |          |
| 11) 1,1-Dichloroethene-d2     | 4.001  | 63    |          | 116226   | 14.723 | ug/L    | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 58.880% |          |
| 21) 2-Butanone-d5             | 7.074  | 46    |          | 78707    | 46.947 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.900% |          |
| 24) Chloroform-d              | 7.641  | 84    |          | 230668   | 21.730 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 86.920% |          |
| 26) 1,2-Dichloroethane-d4     | 8.299  | 65    |          | 139882m  | 21.729 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.920% |          |
| 32) Benzene-d6                | 8.269  | 84    |          | 409212   | 22.582 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 90.320% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    |          | 132050   | 23.431 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.720% |          |
| 41) Toluene-d8                | 10.323 | 98    |          | 348155   | 20.207 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 80.840% |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    |          | 54991    | 20.851 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.400% |          |
| 47) 2-Hexanone-d5             | 10.921 | 63    |          | 62058    | 49.207 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 98.420% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    |          | 136046   | 21.322 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.280% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   |          | 134998   | 24.471 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.880% |          |

Target Compounds Qvalue

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

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