

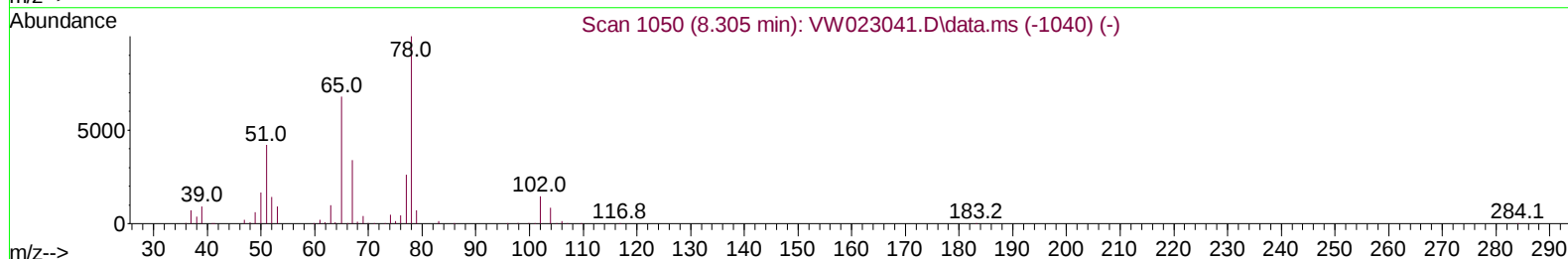
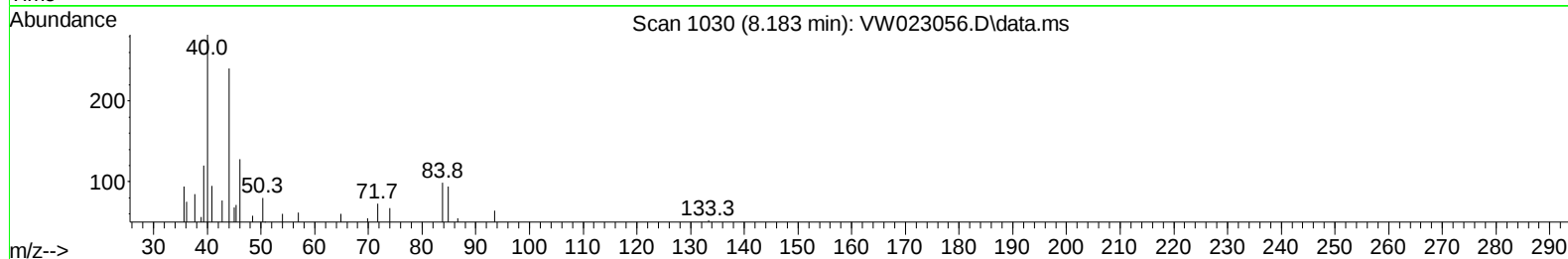
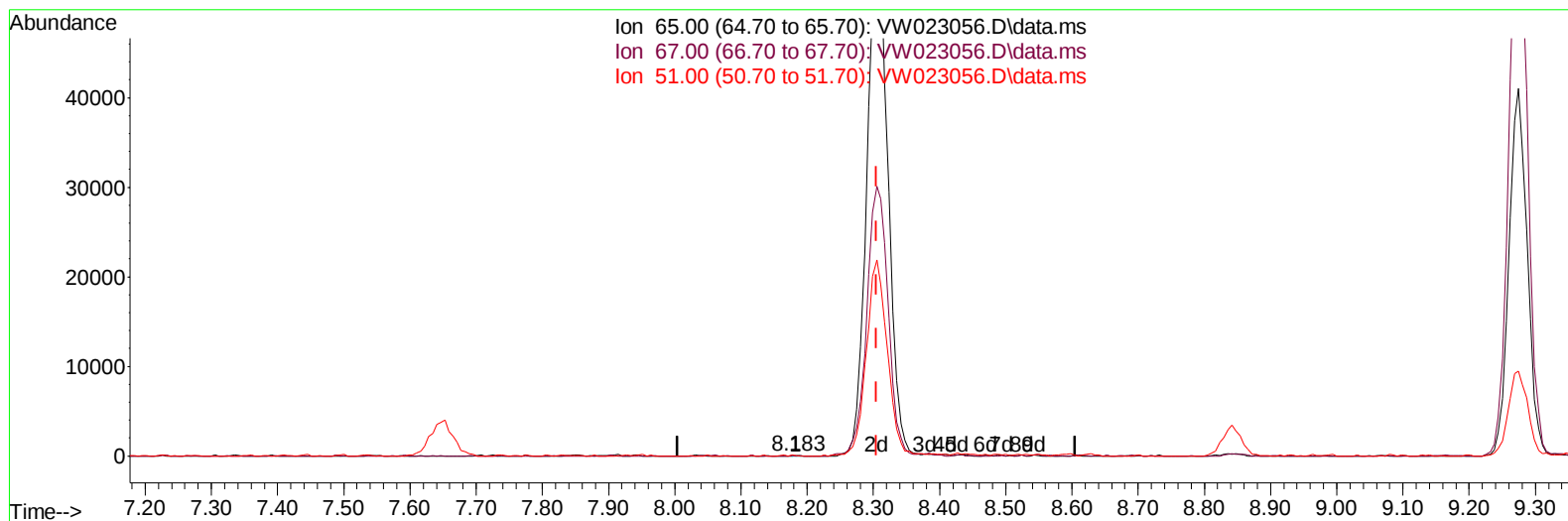
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051622\  
 Data File : VW023056.D  
 Acq On : 16 May 2022 16:23  
 Operator : SY/VA  
 Sample : N2821-11  
 Misc : 6.18g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXLD1

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2022  
 Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 17 01:29:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 17 01:24:30 2022  
 Response via : Initial Calibration



TIC: VW023056.D\data.ms

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

8.183min (-0.122) 0.01 ug/L

response 41

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 48.78  |
| 51.00 | 92.30  | 90.24  |
| 0.00  | 0.00   | 0.00   |

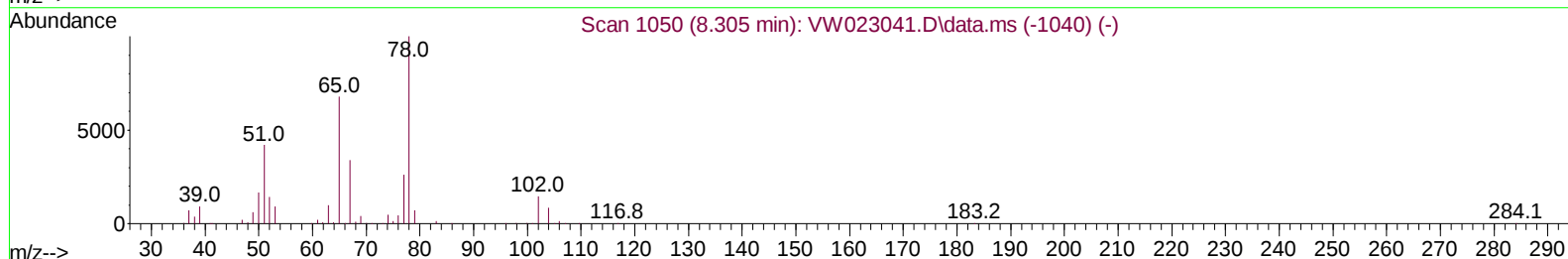
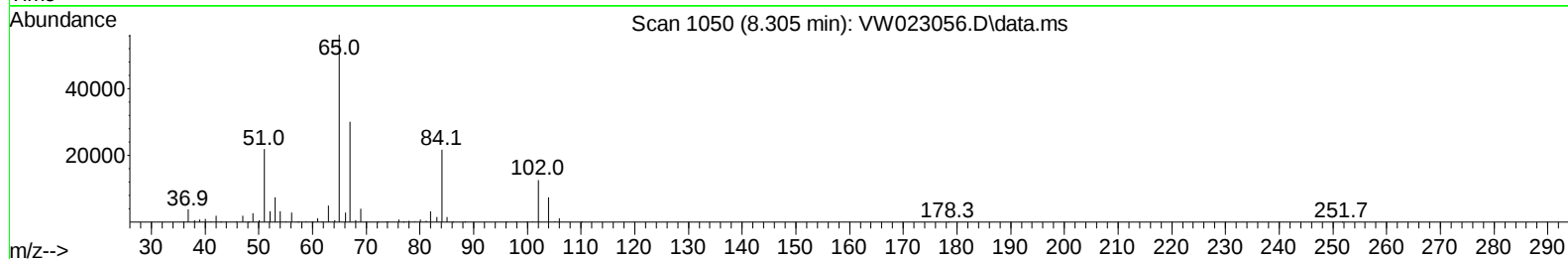
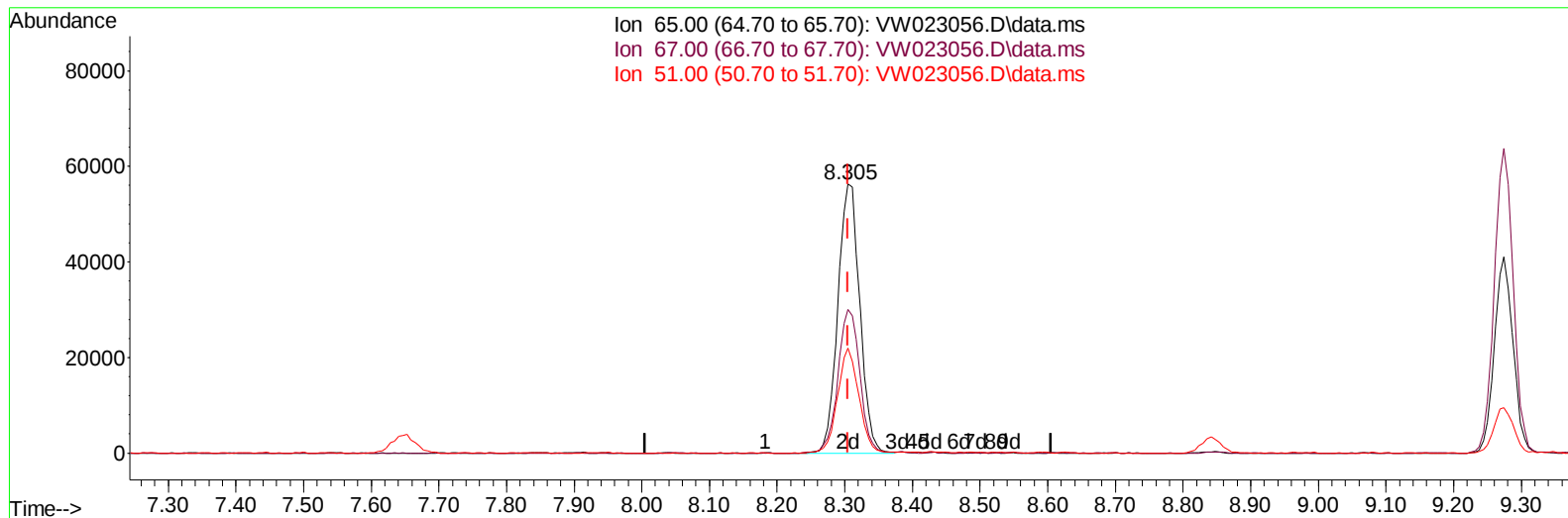
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TIC: VW023056.D\data.ms

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

8.305min (+ 0.000) 24.97 ug/L m

response 126811

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.02#  |
| 51.00 | 92.30  | 0.03#  |
| 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        | 8.842    | 114   | 316045   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 281623   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 109860   | 25.000 | ug/L     | 0.00     |
|                               |          |       |          |        |          |          |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 111473   | 17.192 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 68.760%  |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 96297    | 22.828 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 91.320%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    | 107569   | 12.839 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 51.360%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 59557    | 48.309 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 96.620%  |          |
| 24) Chloroform-d              | 7.647    | 84    | 219099   | 23.662 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 94.640%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 126811m  | 24.971 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 99.880%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 387076   | 23.846 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 95.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 124502   | 27.304 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 109.200% |          |
| 41) Toluene-d8                | 10.323   | 98    | 341608   | 21.785 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 87.160%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 44286    | 21.094 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 84.360%  |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 46687    | 53.635 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 107.280% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 121326   | 28.547 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 114.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 92066    | 23.973 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 95.880%  |          |
|                               |          |       |          |        |          |          |
| Target Compounds              |          |       |          |        | Qvalue   |          |
| 46) Tetrachloroethene         | 10.859   | 164   | 5382     | 1.570  | ug/L     | 80       |
| -----                         |          |       |          |        |          |          |

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

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