

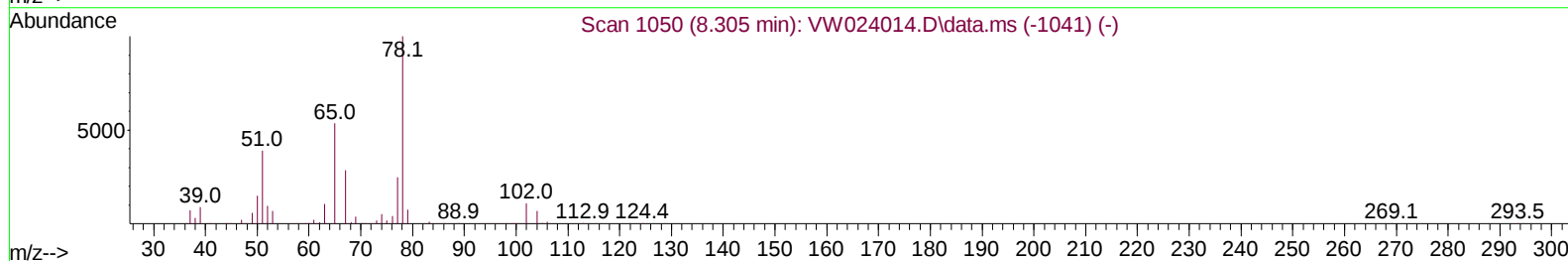
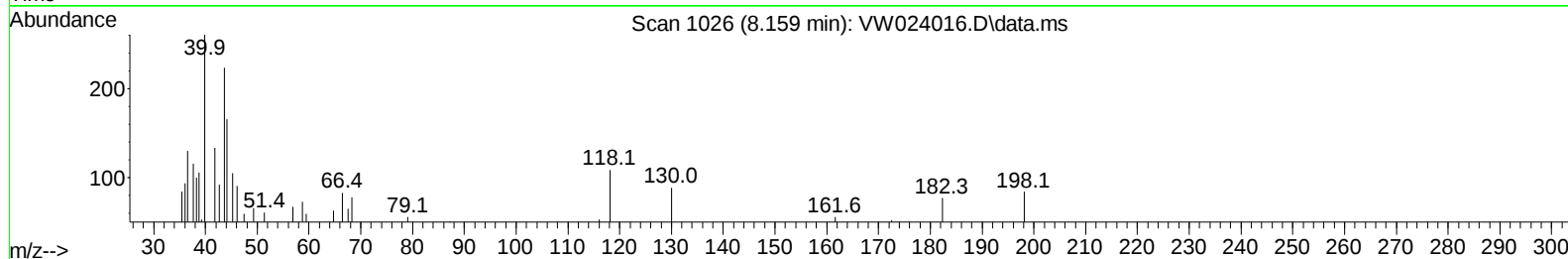
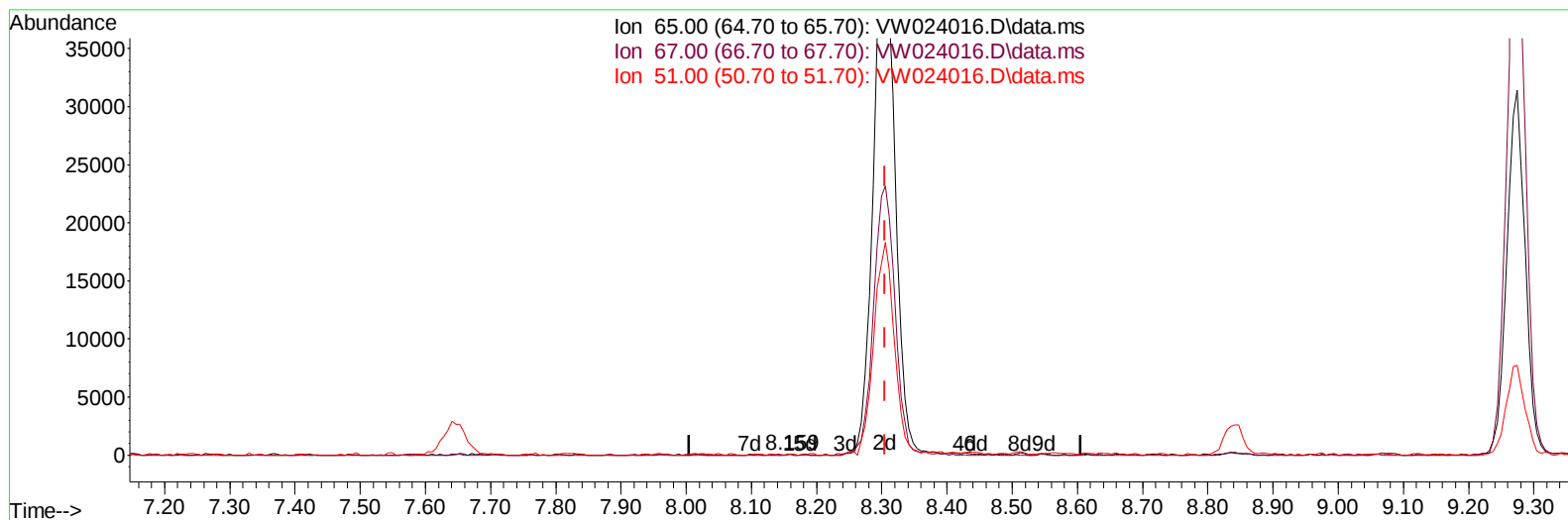
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW024016.D  
 Acq On : 22 Jul 2022 20:06  
 Operator : SY/VA  
 Sample : N3741-01RE  
 Misc : 5.80g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0B12RE

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/23/2022  
 Supervised By :Mahesh Dadoda 07/24/2022

Quant Time: Jul 23 04:40:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 23 03:31:10 2022  
 Response via : Initial Calibration



TIC: VW024016.D\data.ms

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

8.159min (-0.146) 0.01 ug/L

response 45

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 53.33  |
| 51.00 | 92.20  | 104.44 |
| 0.00  | 0.00   | 0.00   |

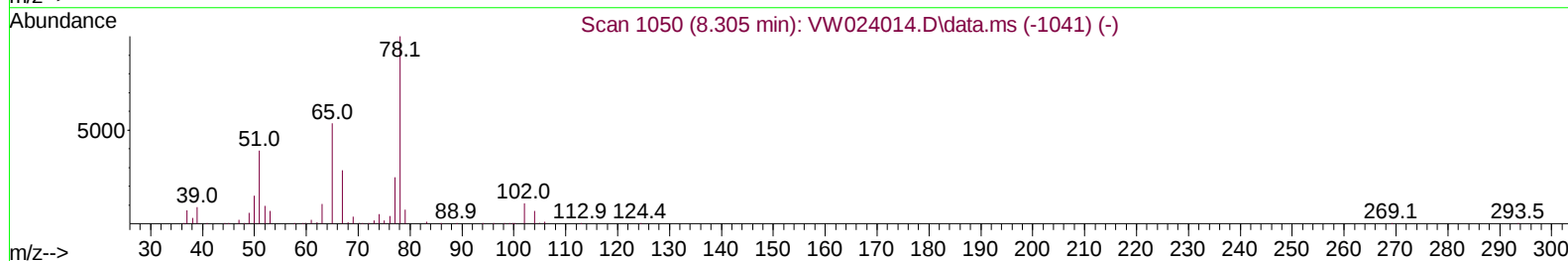
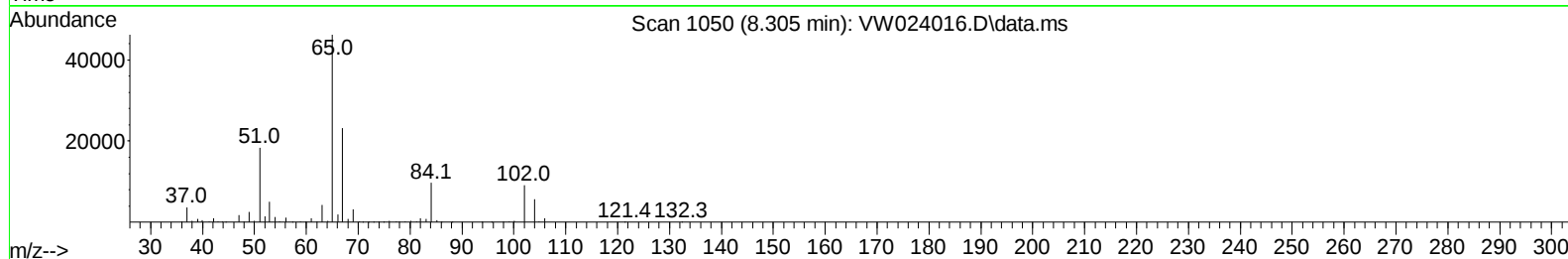
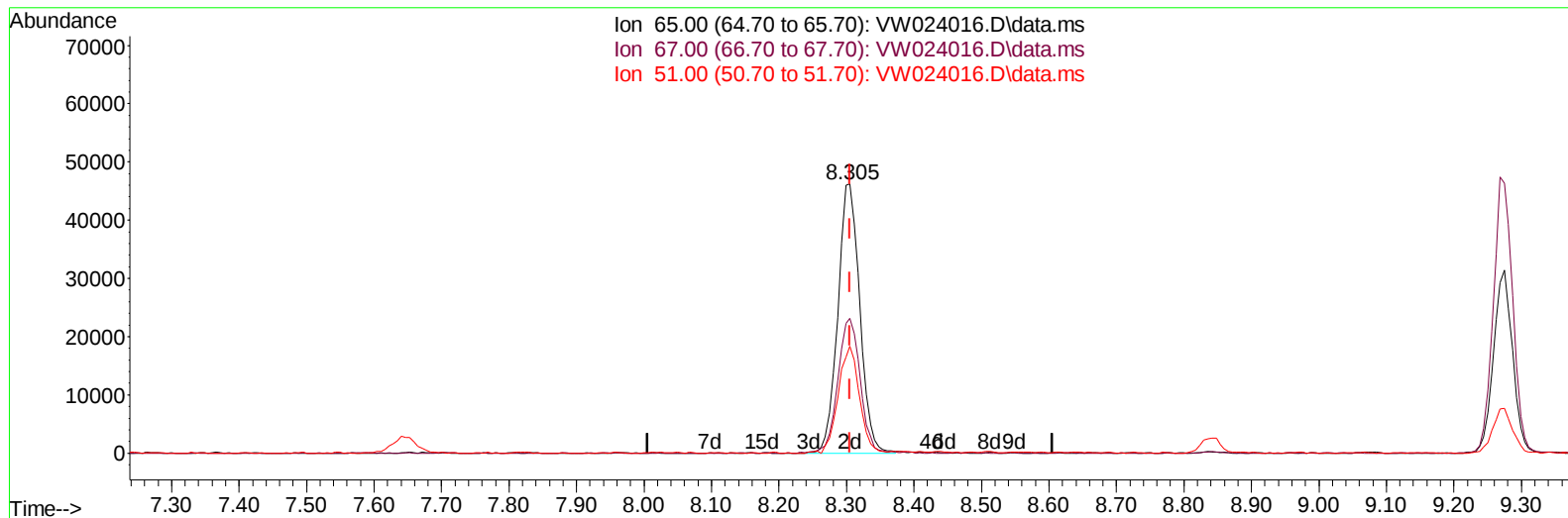
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 Response via : Initial Calibration



TIC: VW024016.D\data.ms

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

8.305min (-0.000) 25.76 ug/L m

response 103991

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 0.02#  |
| 51.00 | 92.20  | 0.05#  |
| 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   | 226669   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 163563   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560   | 152   | 33563    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.337    | 65    | 122092   | 21.089 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 84.360%   |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 85381    | 22.107 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 88.440%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.007    | 63    | 69644    | 14.773 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 59.080%   |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 21279    | 23.696 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 47.400%   |          |
| 24) Chloroform-d              | 7.647    | 84    | 150444   | 22.797 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 91.200%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 103991m  | 25.764 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 103.040%  |          |
| 32) Benzene-d6                | 8.269    | 84    | 283178   | 33.305 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 133.240%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.268    | 67    | 94511    | 36.902 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 147.600%# |          |
| 41) Toluene-d8                | 10.323   | 98    | 217866   | 25.262 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 101.040%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 17209    | 14.335 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 57.320%   |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    | 15897    | 29.518 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 59.040%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 87332    | 30.856 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 123.440%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847   | 152   | 30409    | 25.380 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 101.520%  |          |
| Target Compounds              |          |       |          |        |           |          |
|                               |          |       |          |        | Qvalue    |          |
| 13) Acetone                   | 4.123    | 43    | 5292     | 8.335  | ug/L      | 56       |
| 16) Methylene chloride        | 4.915    | 84    | 20990    | 5.922  | ug/L      | 93       |
| 46) Tetrachloroethene         | 10.860   | 164   | 1055     | 0.556  | ug/L #    | 76       |
| -----                         |          |       |          |        |           |          |

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

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