

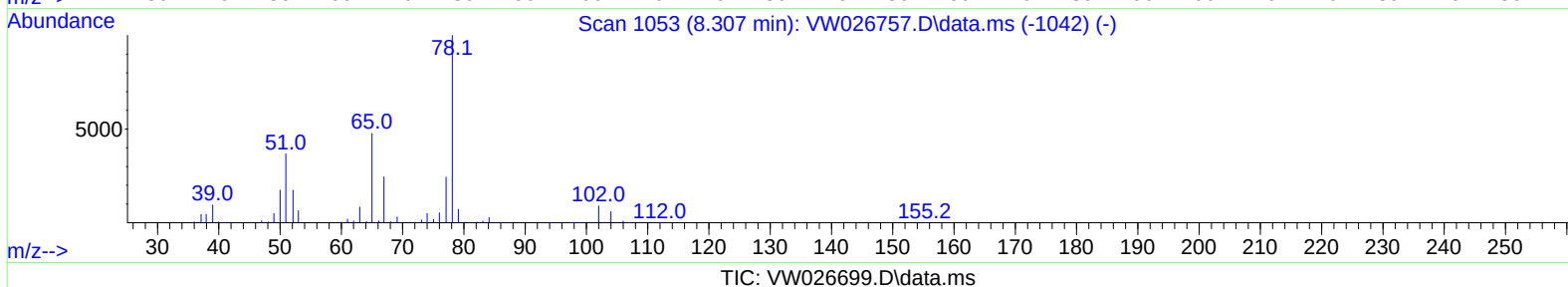
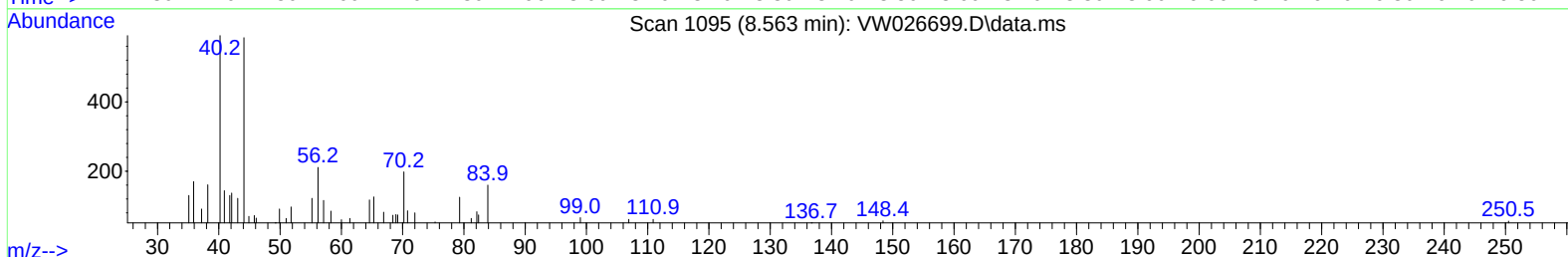
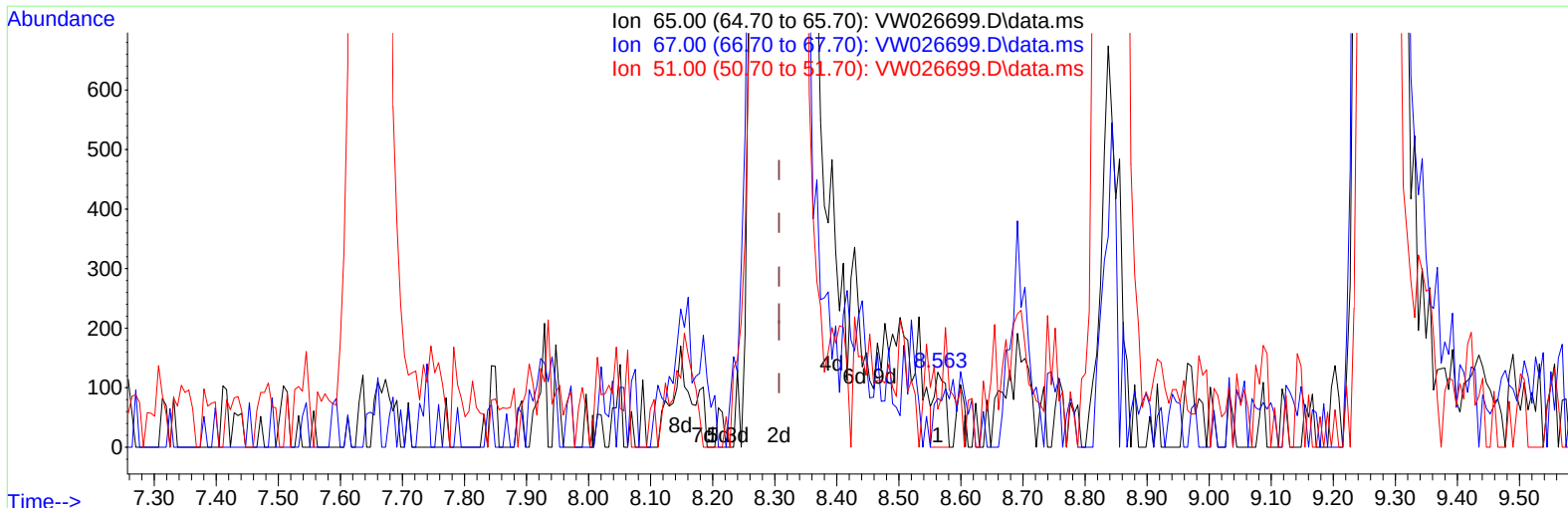
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081123\  
Data File : VW026699.D  
Acq On : 11 Aug 2023 10:12  
Operator : SY/MD  
Sample : 03967-01  
Misc : 4.86g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A48K2

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2023  
Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 18 05:04:09 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 18 01:33:38 2023  
Response via : Initial Calibration

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

8.563min (+ 0.256) 0.01 ug/L

response 157

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 54.14  |
| 51.00 | 112.90 | 127.39 |
| 0.00  | 0.00   | 0.00   |

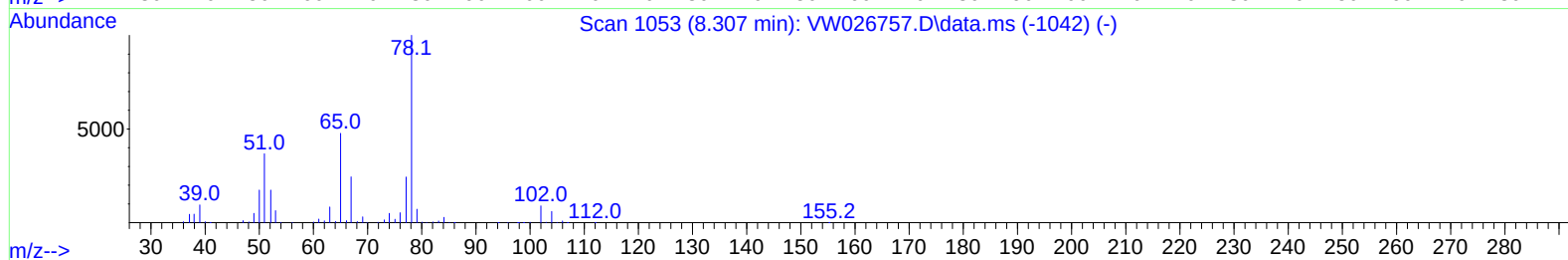
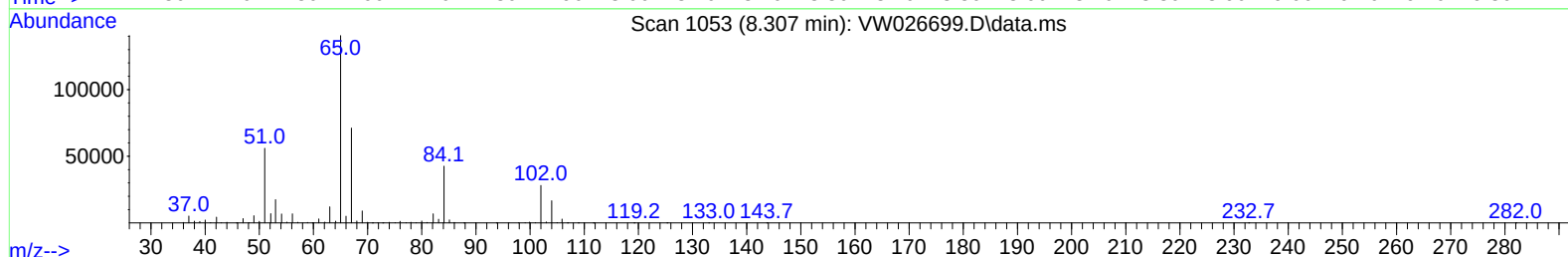
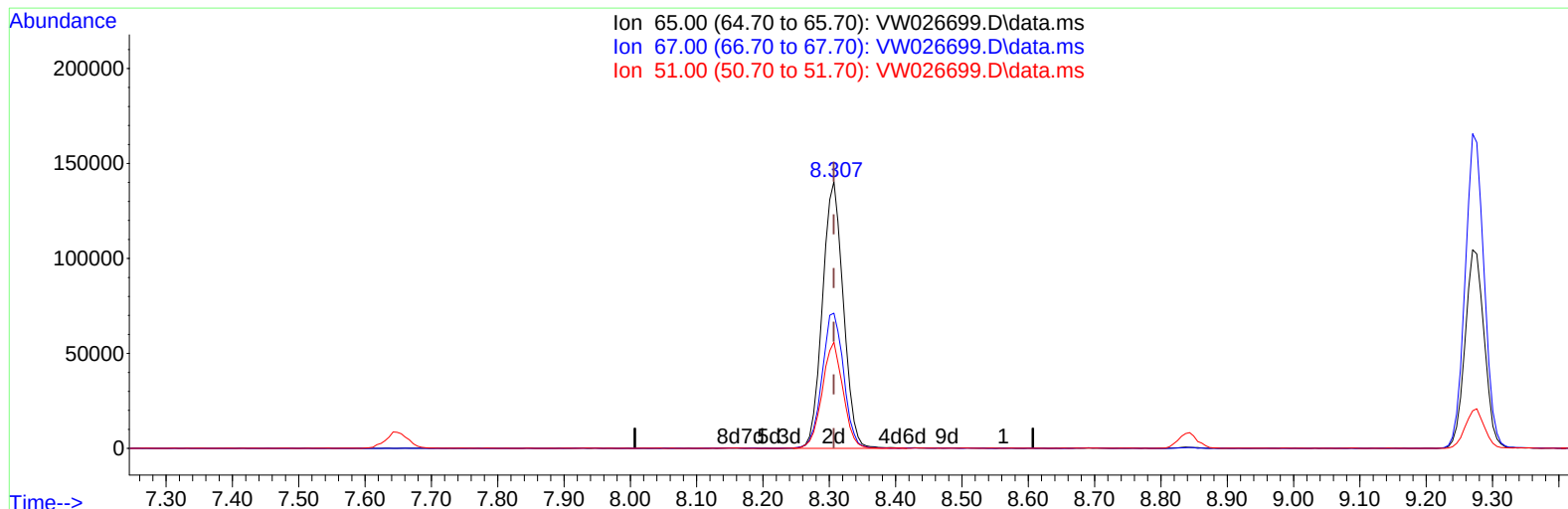
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## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2023  
 Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 12 00:41:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 12 00:39:51 2023  
 Response via : Initial Calibration



TIC: VW026699.D\data.ms

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

8.307min (-0.000) 22.83 ug/L m

response 307627

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 0.03#  |
| 51.00 | 112.90 | 0.07#  |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Quant Time: Aug 12 00:41:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
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| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 727378   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 523691   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 147319   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 251796   | 21.058   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 84.240%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 191824   | 21.574   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 86.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 115432   | 19.628   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 78.520%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 101116   | 29.422   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 58.840%  |
| 24) Chloroform-d              | 7.648  | 84    | 511639   | 20.958   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 83.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 307627m  | 22.834   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 91.320%  |
| 32) Benzene-d6                | 8.276  | 84    | 1041548  | 28.858   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 115.440% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 329056   | 29.269   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 117.080% |
| 41) Toluene-d8                | 10.325 | 98    | 772578   | 24.936   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 99.760%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 112571   | 24.251   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 97.000%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 50258    | 42.544   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 85.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 195560   | 22.026   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 88.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 115890   | 21.978   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 87.920%  |

Target Compounds Qvalue

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

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