

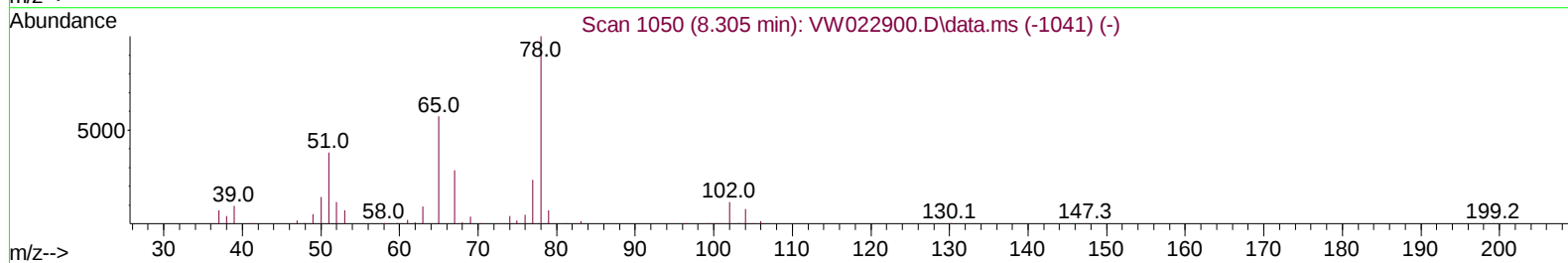
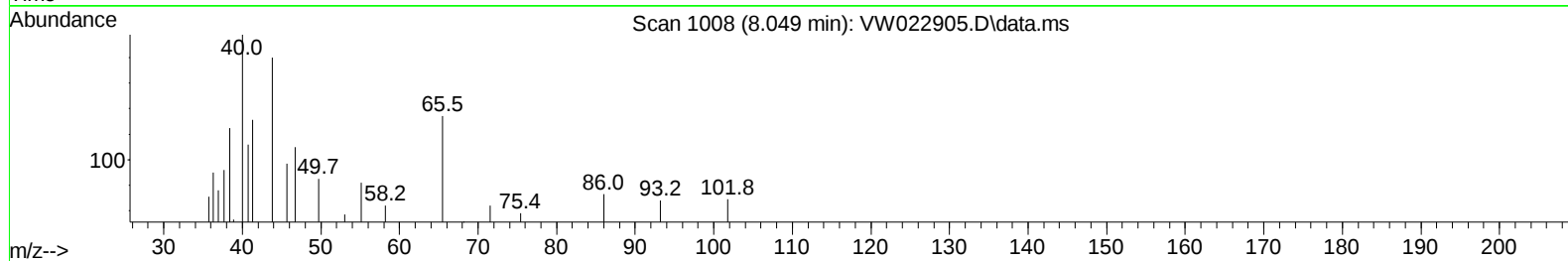
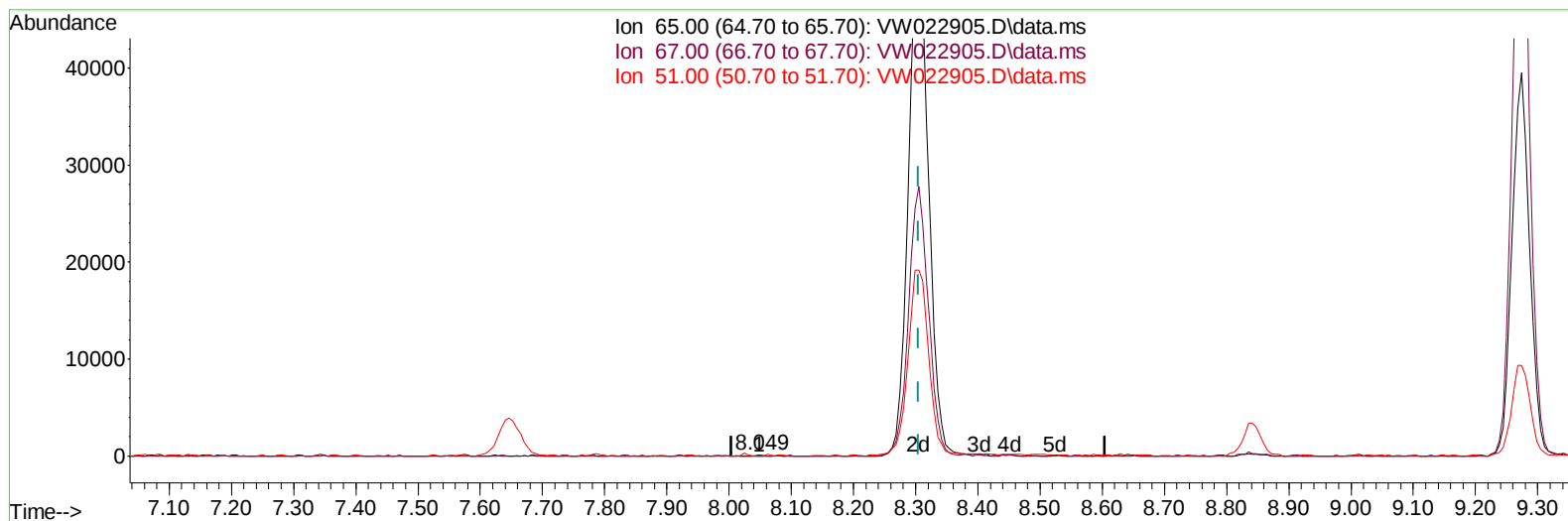
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050622\  
Data File : VW022905.D  
Acq On : 06 May 2022 22:08  
Operator : SY/VA  
Sample : N2711-04  
Misc : 5.64g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EXL95

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022  
Supervised By :Mahesh Dadoda 05/10/2022

Quant Time: May 07 03:06:22 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat May 07 01:54:32 2022  
Response via : Initial Calibration



TIC: VW022905.D\data.ms

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

8.049min (-0.256) 0.02 ug/L

response 92

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 53.26  |
| 51.00 | 92.30  | 109.78 |
| 0.00  | 0.00   | 0.00   |

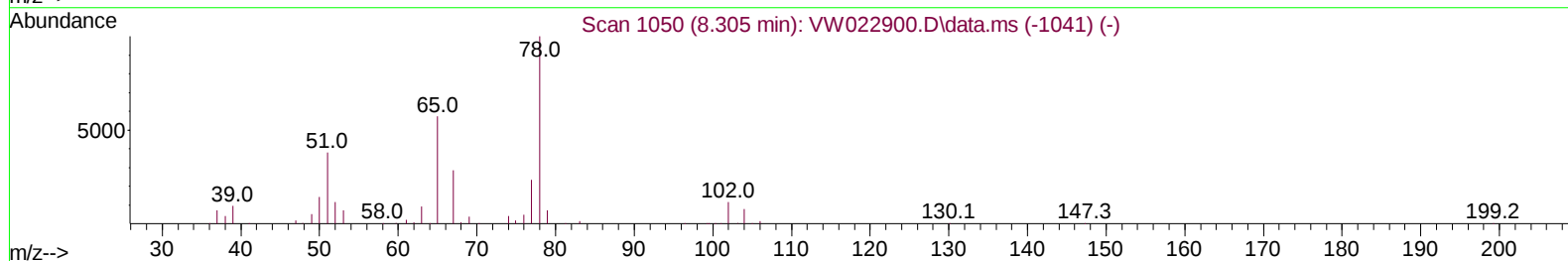
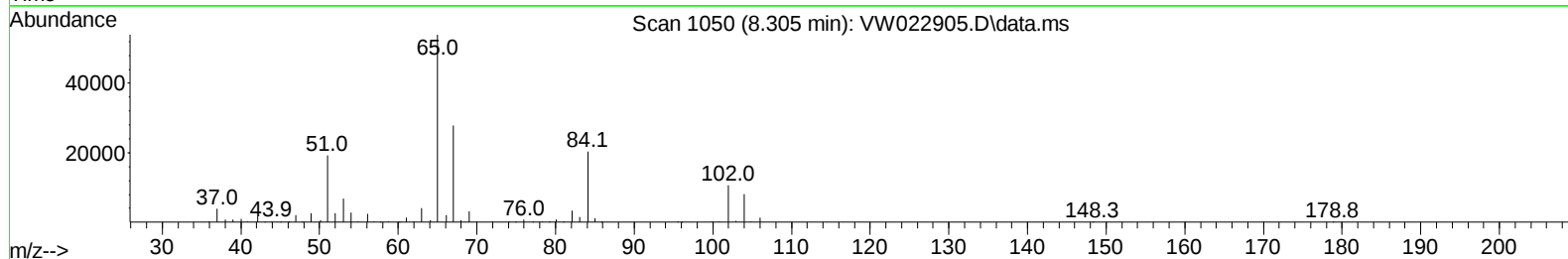
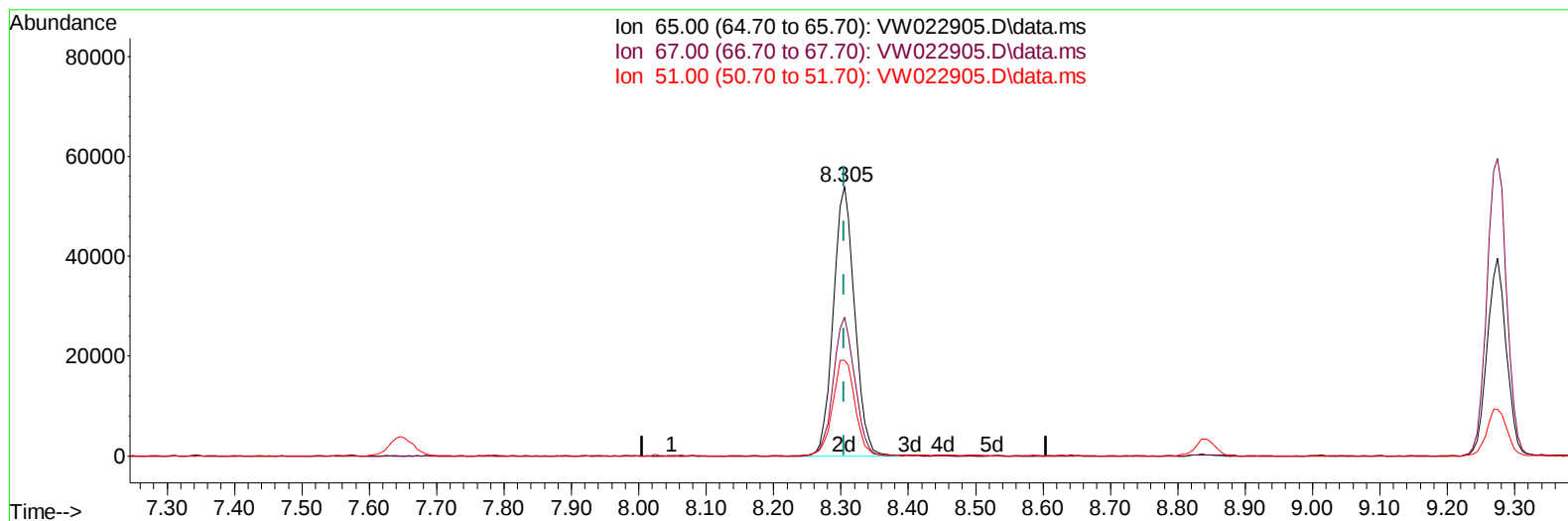
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Response via : Initial Calibration



TIC: VW022905.D\data.ms

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

8.305min (+ 0.000) 21.94 ug/L m

response 117889

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.04#  |
| 51.00 | 92.30  | 0.09#  |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Quant Time: May 07 03:06:22 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Sat May 07 01:54:32 2022  
 Response via : Initial Calibration

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min)  |
|-------------------------------|----------|-------|----------|--------|----------|-----------|
| -----                         |          |       |          |        |          |           |
| Internal Standards            |          |       |          |        |          |           |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 334320   | 25.000 | ug/L     | 0.00      |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 288932   | 25.000 | ug/L     | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560   | 152   | 103175   | 25.000 | ug/L     | 0.00      |
| System Monitoring Compounds   |          |       |          |        |          |           |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 123305   | 17.977 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 71.920%  |           |
| 7) Chloroethane-d5            | 2.885    | 69    | 98240    | 22.015 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 88.080%  |           |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 123194   | 13.900 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 55.600%  |           |
| 21) 2-Butanone-d5             | 7.080    | 46    | 42313    | 32.445 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 64.900%  |           |
| 24) Chloroform-d              | 7.647    | 84    | 220587   | 22.521 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 90.080%  |           |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 117889m  | 21.945 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 87.760%  |           |
| 32) Benzene-d6                | 8.275    | 84    | 404605   | 24.295 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 97.160%  |           |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 121015   | 25.868 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 103.480% |           |
| 41) Toluene-d8                | 10.323   | 98    | 355917   | 22.124 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 88.480%  |           |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 40243    | 18.683 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 74.720%  |           |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 34427    | 38.550 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 77.100%  |           |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 93061    | 21.343 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 85.360%  |           |
| 66) 1,2-Dichlorobenzene-d4    | 13.847   | 152   | 79827    | 22.133 | ug/L     | 0.00      |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 88.520%  |           |
| Target Compounds              |          |       |          |        |          |           |
| 46) Tetrachloroethene         | 10.860   | 164   | 4666     | 1.326  | ug/L     | Qvalue 85 |
| -----                         |          |       |          |        |          |           |

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

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