

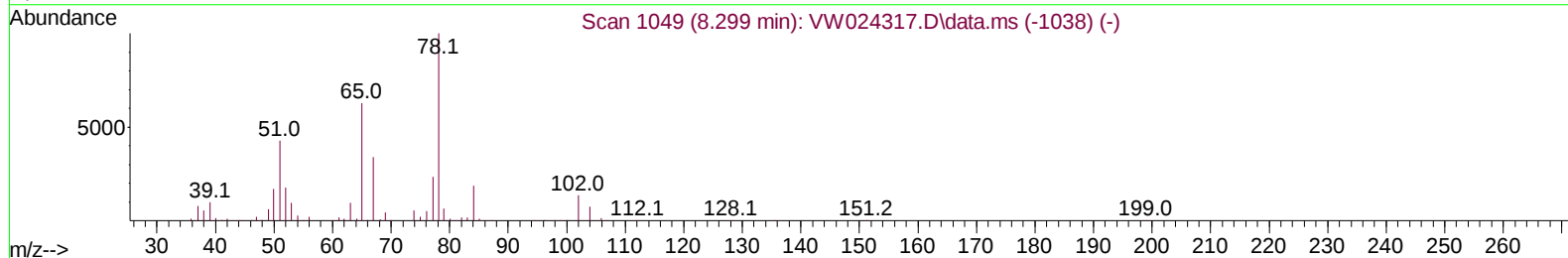
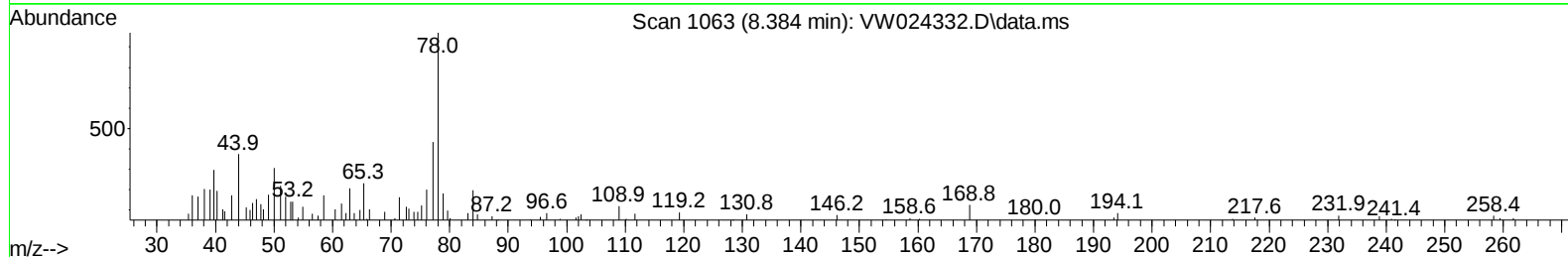
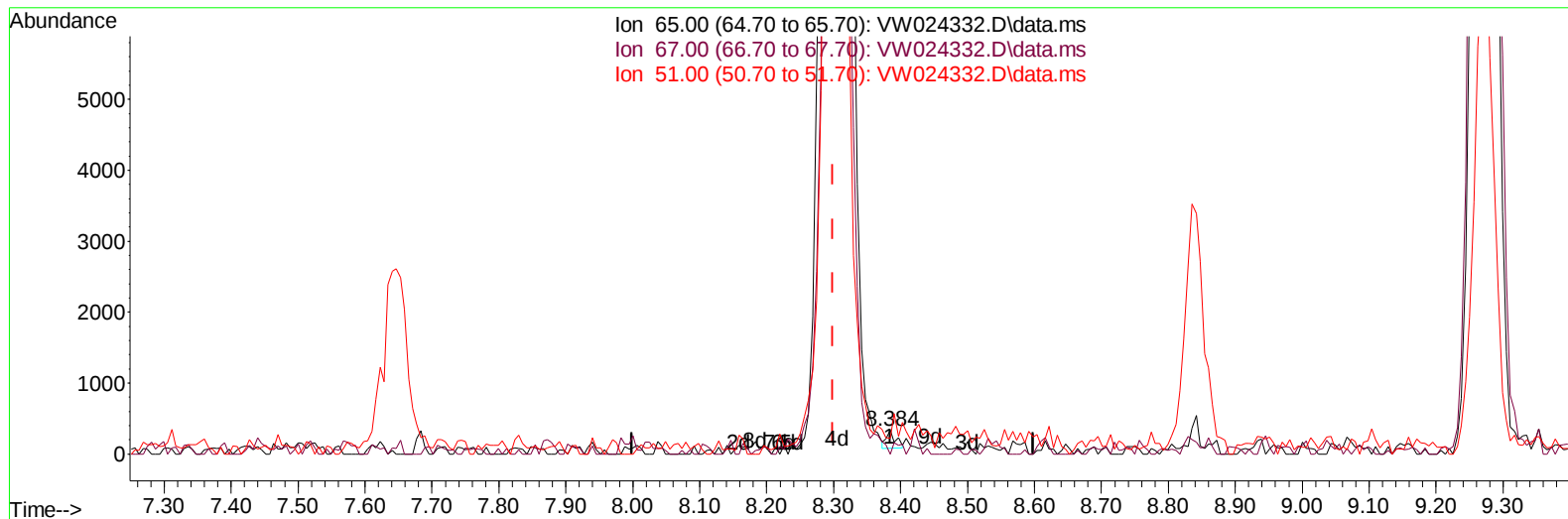
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082422\  
Data File : VW024332.D  
Acq On : 24 Aug 2022 19:29  
Operator : SY/VA  
Sample : N4344-18  
Misc : 5.04g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVR5

Manual IntegrationsAPPROVED

Quant Time: Aug 25 01:35:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Aug 25 01:31:24 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/25/2022  
Supervised By :Mahesh Dadoda 08/25/2022



TIC: VW024332.D\data.ms

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

8.384min (+ 0.085) 0.06 ug/L

response 235

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.00  | 65.96  |
| 51.00 | 95.20  | 79.15  |
| 0.00  | 0.00   | 0.00   |

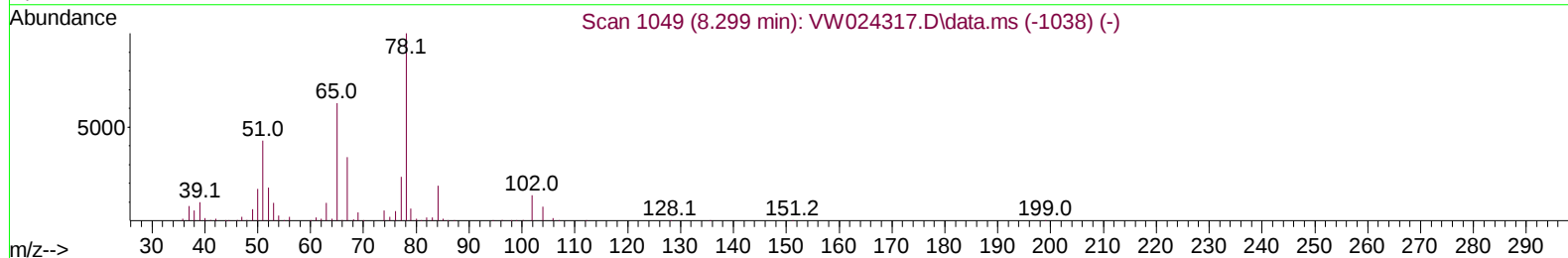
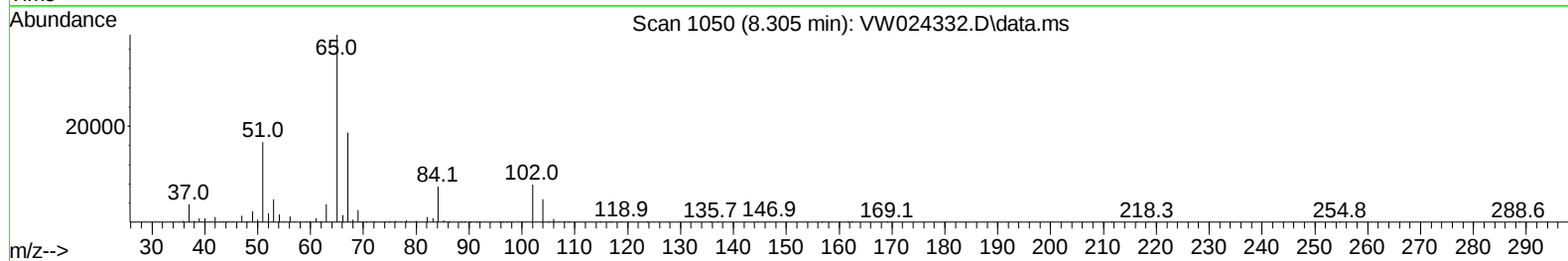
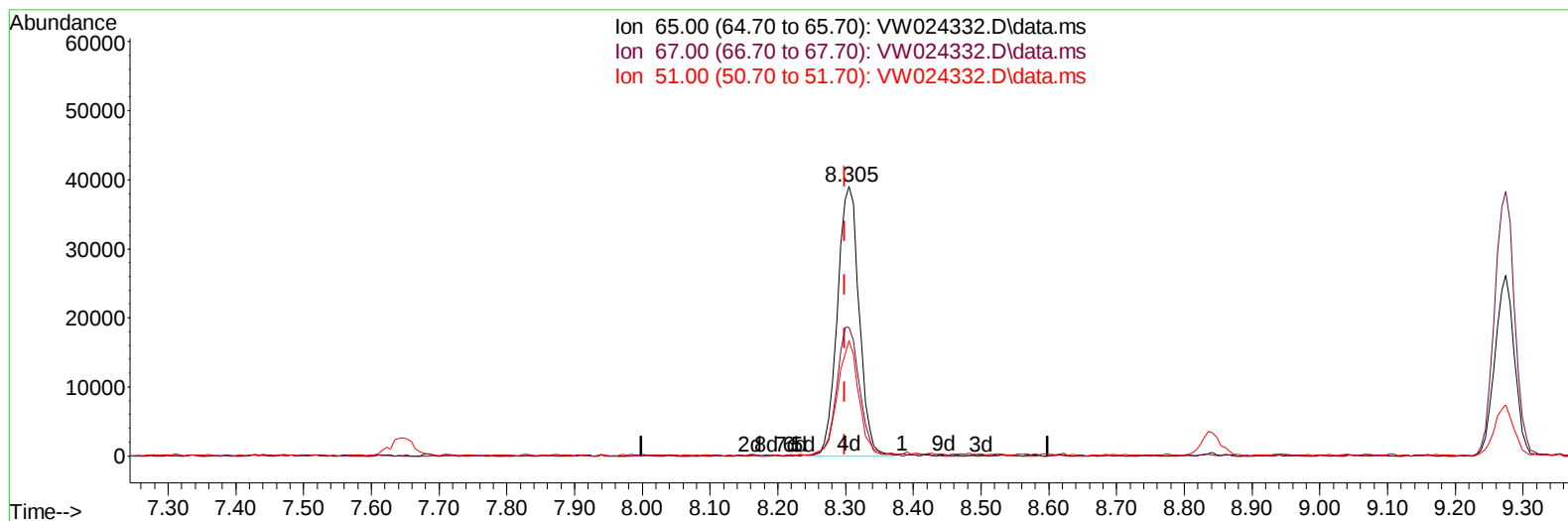
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 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 25 01:31:24 2022  
 Response via : Initial Calibration



TIC: VW024332.D\data.ms

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

8.305min (+ 0.006) 21.59 ug/L m

response 86984

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.00  | 0.18#  |
| 51.00 | 95.20  | 0.21#  |
| 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   | 239850   | 25.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 248318   | 25.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 110436   | 25.000  | ug/L     | 0.00     |
|                               |          |       |          |         |          |          |
| System Monitoring Compounds   |          |       |          |         |          |          |
| 4) Vinyl Chloride-d3          | 2.337    | 65    | 95899    | 19.128  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 76.520%  |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 73012    | 23.378  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 93.520%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.007    | 63    | 59078    | 10.340  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =       | 41.360%# |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 58923    | 63.173  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 126.340% |          |
| 24) Chloroform-d              | 7.647    | 84    | 135342   | 18.649  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =       | 74.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 86984m   | 21.588  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =       | 86.360%  |          |
| 32) Benzene-d6                | 8.269    | 84    | 231933   | 15.837  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =       | 63.360%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 79152    | 18.306  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =       | 73.240%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 200986   | 14.683  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =       | 58.720%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 32107    | 16.953  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =       | 67.800%  |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 50132    | 62.770  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 125.540% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 100573   | 23.974  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =       | 95.880%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 80515    | 19.923  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =       | 79.680%  |          |
|                               |          |       |          |         |          |          |
| Target Compounds              |          |       |          |         | Qvalue   |          |
| 34) Trichloroethene           | 9.092    | 95    | 2546     | 0.657   | ug/L     | 94       |
| 46) Tetrachloroethene         | 10.860   | 164   | 465713   | 148.397 | ug/L     | 90       |
| -----                         |          |       |          |         |          |          |

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

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