

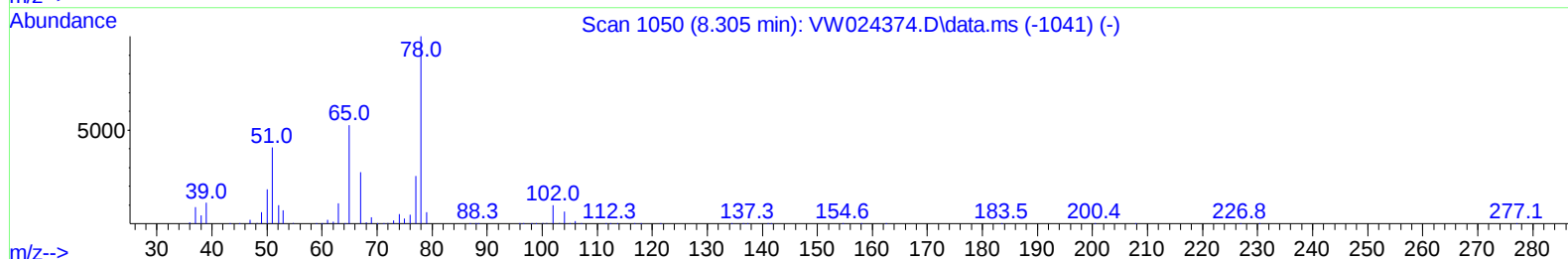
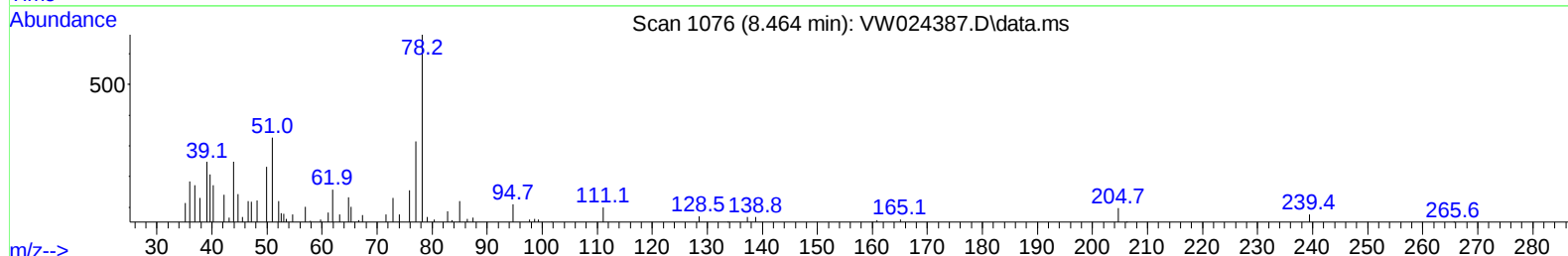
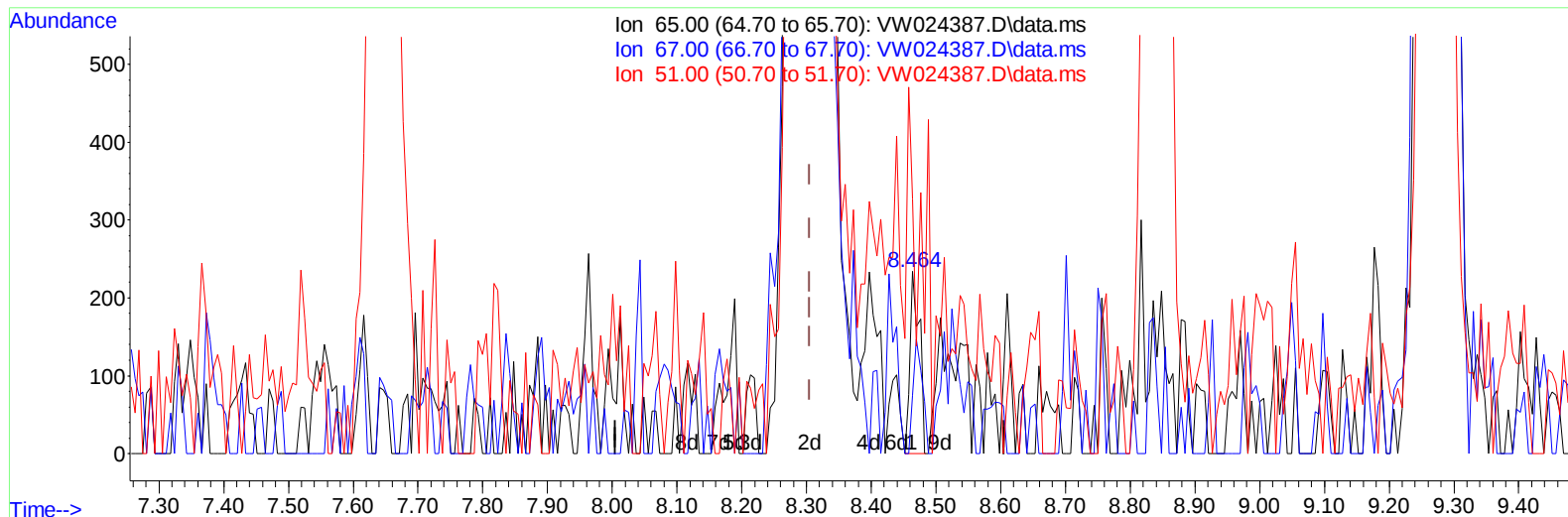
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
Data File : VW024387.D  
Acq On : 27 Aug 2022 08:11  
Operator : SY/VA  
Sample : N4345-14  
Misc : 5.05g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVT2

Manual IntegrationsAPPROVED

Quant Time: Aug 29 00:58:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Aug 29 00:57:06 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/30/2022  
Supervised By :Mahesh Dadoda 08/30/2022



TIC: VW024387.D\data.ms

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

8.464min (+ 0.159) 0.07 ug/L

response 236

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 61.44  |
| 51.00 | 96.50  | 106.78 |
| 0.00  | 0.00   | 0.00   |

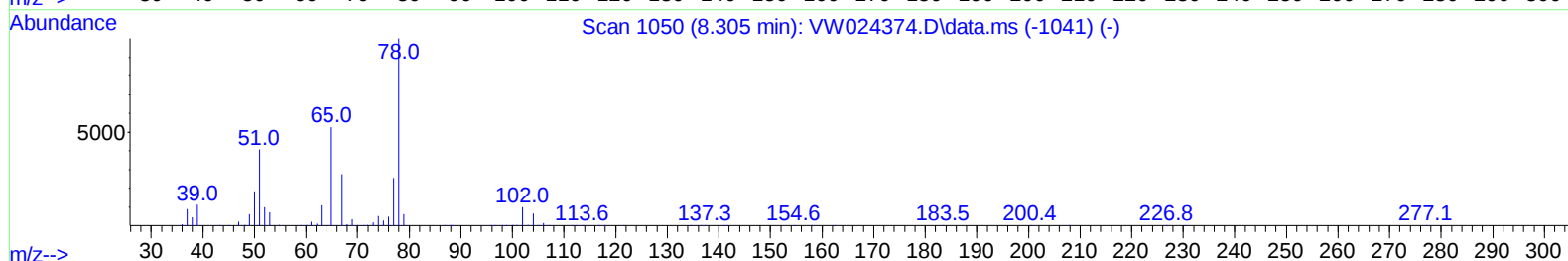
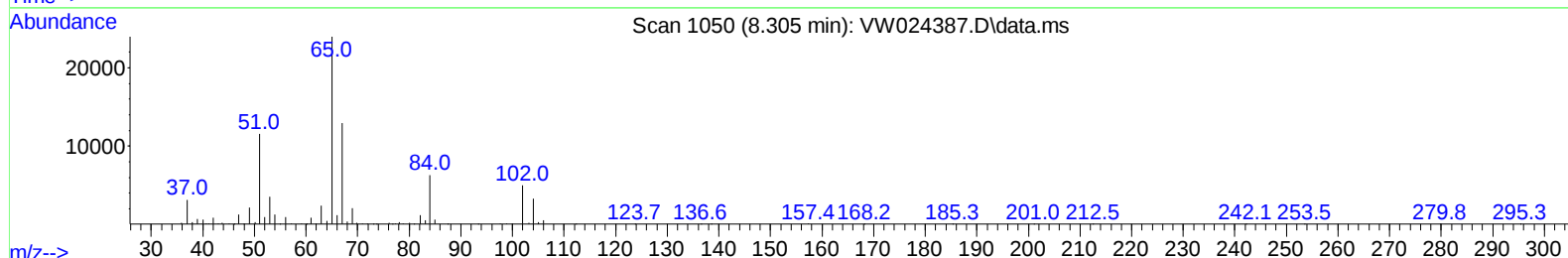
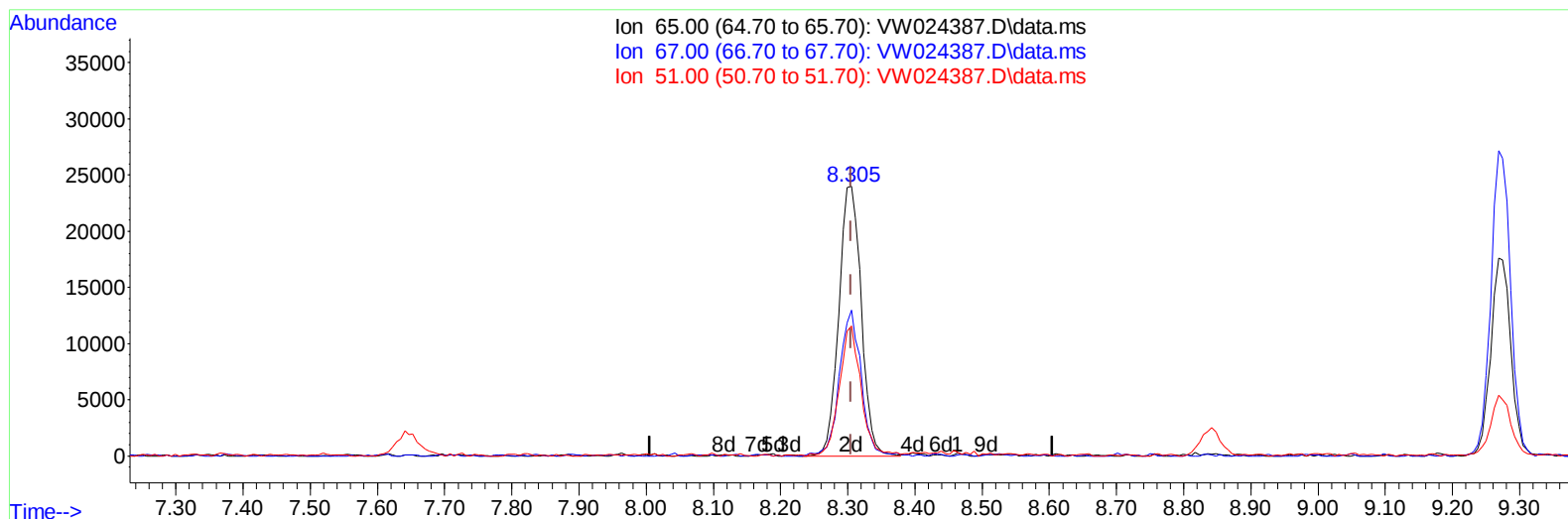
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TIC: VW024387.D\data.ms

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

8.305min (+ 0.000) 16.07 ug/L m

response 55375

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.26#  |
| 51.00 | 96.50  | 0.46#  |
| 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   | 176724   | 25.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 171177   | 25.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 70372    | 25.000  | ug/L     | 0.00     |
|                               |          |       |          |         |          |          |
| System Monitoring Compounds   |          |       |          |         |          |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 97563    | 20.027  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 80.120%  |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 76107    | 20.851  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 83.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.007    | 63    | 60289    | 14.270  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =       | 57.080%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 26910    | 29.990  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 59.980%  |          |
| 24) Chloroform-d              | 7.647    | 84    | 91564    | 16.116  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =       | 64.480%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 55375m   | 16.072  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =       | 64.280%# |          |
| 32) Benzene-d6                | 8.269    | 84    | 181503   | 18.506  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =       | 74.040%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.268    | 67    | 55359    | 18.150  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =       | 72.600%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 168498   | 18.070  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =       | 72.280%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 16174    | 11.331  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =       | 45.320%  |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    | 18051    | 26.446  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 52.900%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 50841    | 14.722  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =       | 58.880%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 49026    | 18.500  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =       | 74.000%# |          |
|                               |          |       |          |         |          |          |
| Target Compounds              |          |       |          |         | Qvalue   |          |
| 13) Acetone                   | 4.123    | 43    | 3710     | 6.928   | ug/L     | 81       |
| 46) Tetrachloroethene         | 10.860   | 164   | 437643   | 200.614 | ug/L     | 95       |
| -----                         |          |       |          |         |          |          |

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

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