

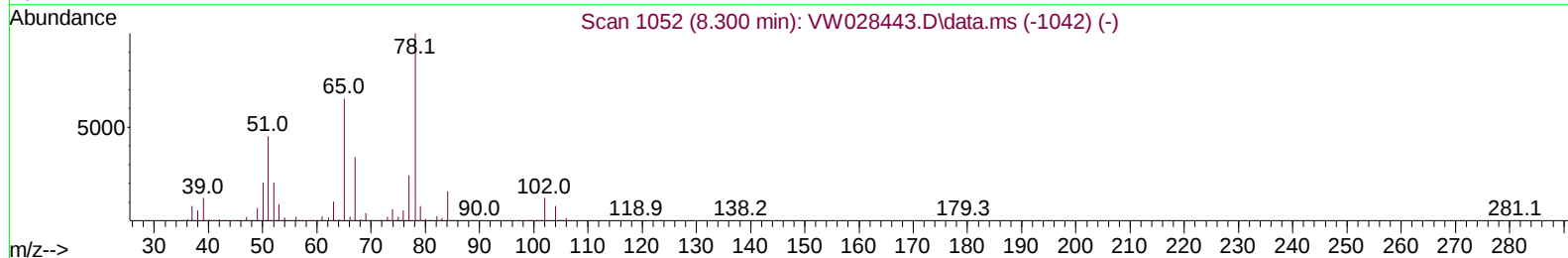
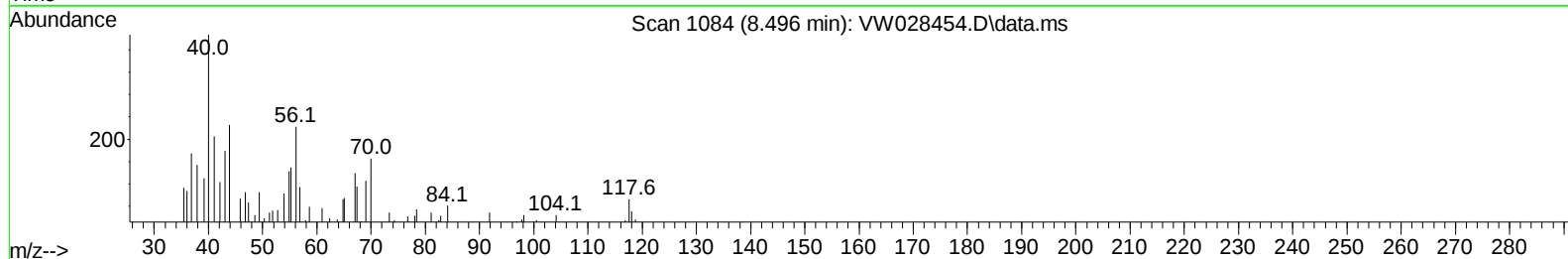
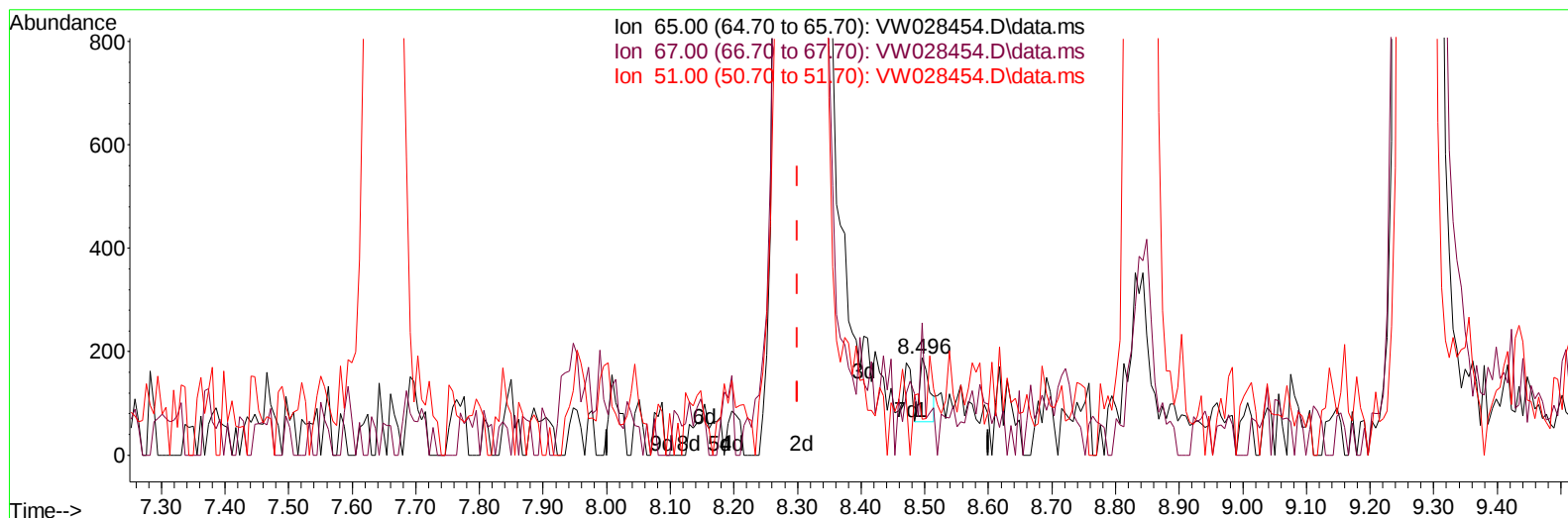
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041624\  
 Data File : VW028454.D  
 Acq On : 16 Apr 2024 16:01  
 Operator : SY/MD  
 Sample : P2144-05  
 Misc : 4.56g/10mL/MSVOA\_W/SoIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E07X8

Manual IntegrationsAPPROVED

Quant Time: Apr 17 05:38:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 17 05:34:21 2024  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/17/2024  
 Supervised By :Mahesh Dadoda 04/17/2024



TIC: VW028454.D\data.ms

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

8.496min (+ 0.195) 0.02 ug/L

response 133

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 62.41  |
| 51.00 | 108.40 | 83.46  |
| 0.00  | 0.00   | 0.00   |

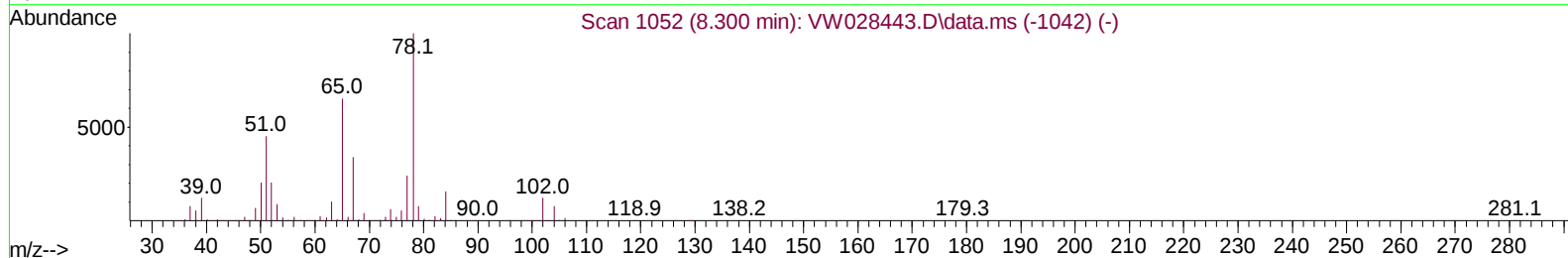
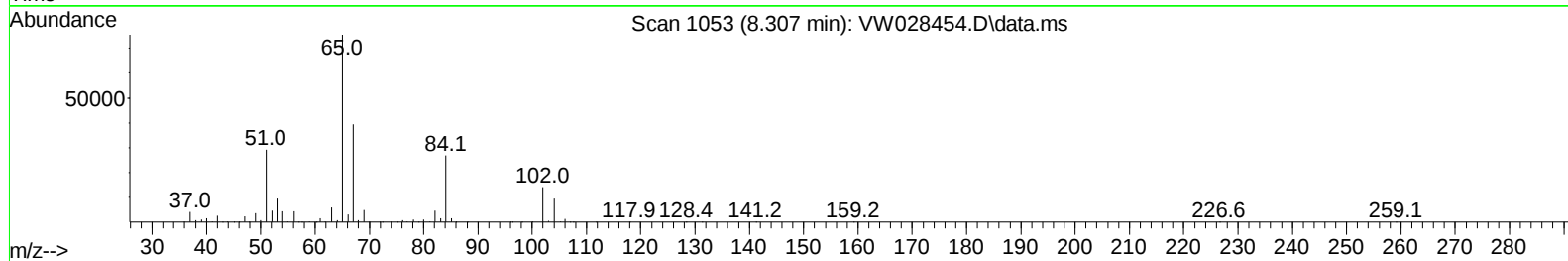
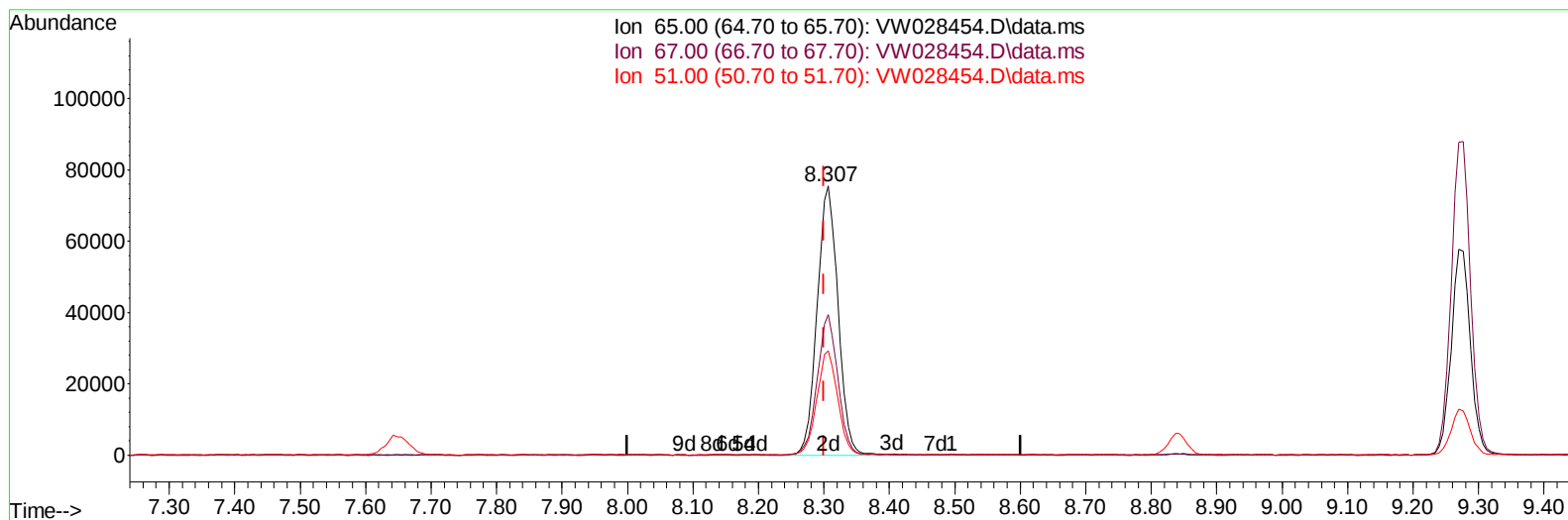
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TIC: VW028454.D\data.ms

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

8.307min (+ 0.006) 24.23 ug/L m

response 167958

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 0.05#  |
| 51.00 | 108.40 | 0.07#  |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
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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        | 8.843    | 114   | 511213   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 428043   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 181318   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    | 178745   | 21.810 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 87.240%  |          |
| 7) Chloroethane-d5            | 2.905    | 69    | 141030   | 22.704 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 90.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    | 76924    | 22.164 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 88.640%  |          |
| 21) 2-Butanone-d5             | 7.075    | 46    | 69713    | 45.457 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 90.920%  |          |
| 24) Chloroform-d              | 7.648    | 84    | 305988   | 22.938 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 91.760%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 167958m  | 24.228 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 96.920%  |          |
| 32) Benzene-d6                | 8.276    | 84    | 618203   | 26.437 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 105.760% |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    | 180716   | 26.000 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 104.000% |          |
| 41) Toluene-d8                | 10.325   | 98    | 549392   | 25.838 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 103.360% |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 68132    | 24.652 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 98.600%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 50790    | 52.752 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 105.500% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 118403   | 24.144 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 96.560%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 138652   | 24.180 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 96.720%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 42) Toluene                   | 10.386   | 91    | 11051    | 0.390  | ug/L     | 96       |
| 46) Tetrachloroethene         | 10.861   | 164   | 313172   | 57.808 | ug/L     | 92       |
| 53) m,p-Xylene                | 11.837   | 106   | 4014     | 0.336  | ug/L     | 81       |
| -----                         |          |       |          |        |          |          |

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

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