

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091123\  
 Data File : VW027041.D  
 Acq On : 11 Sep 2023 20:00  
 Operator : SY/MD  
 Sample : 04387-03  
 Misc : 4.22g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AA5

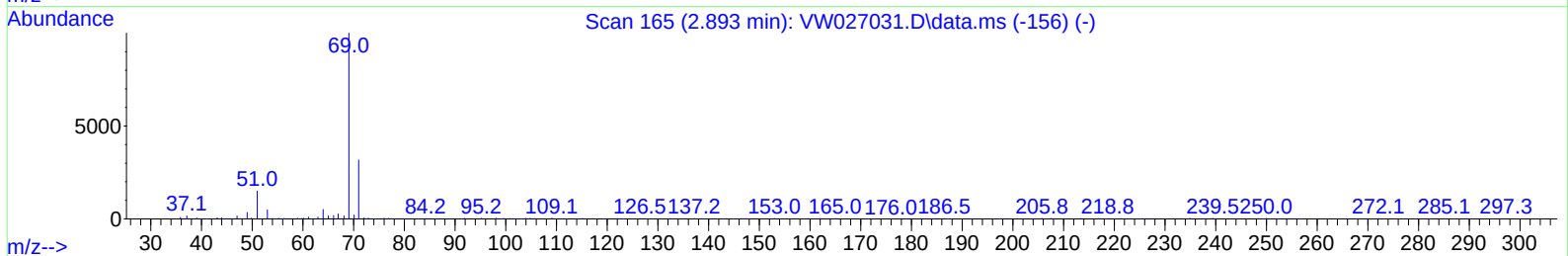
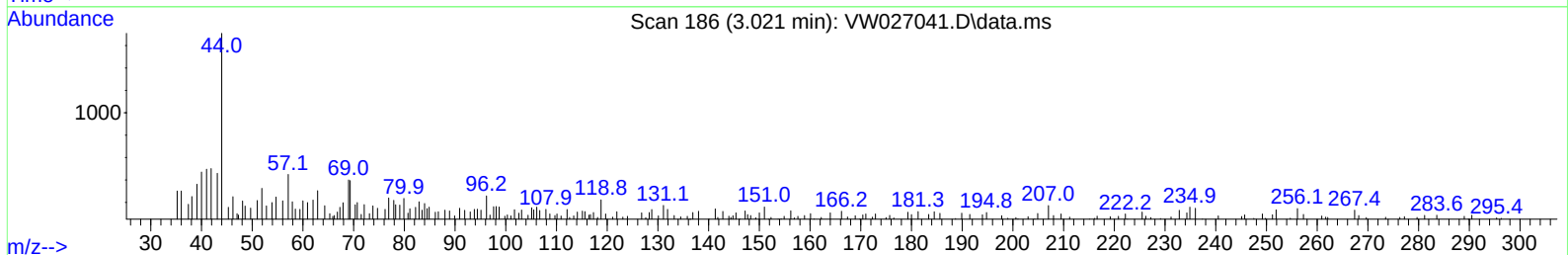
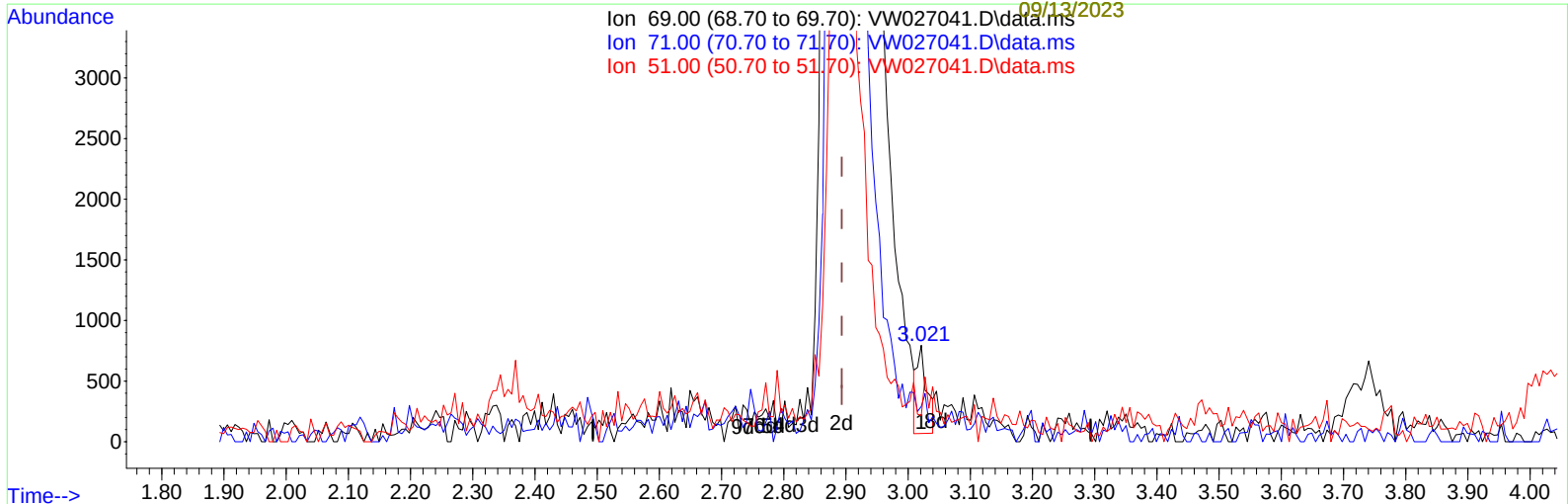
## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2023  
 Supervised By :Mahesh Dadoda 09/13/2023

Supervised By :Mahesh  
 Dadoda

09/13/2023

Quant Time: Sep 12 01:16:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration



TIC: VW027041.D\data.ms

## (7) Chloroethane-d5 (S)

3.021min (+ 0.128) 0.09 ug/L

response 818

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 31.80  | 32.27  |
| 51.00 | 22.50  | 16.75  |
| 0.00  | 0.00   | 0.00   |

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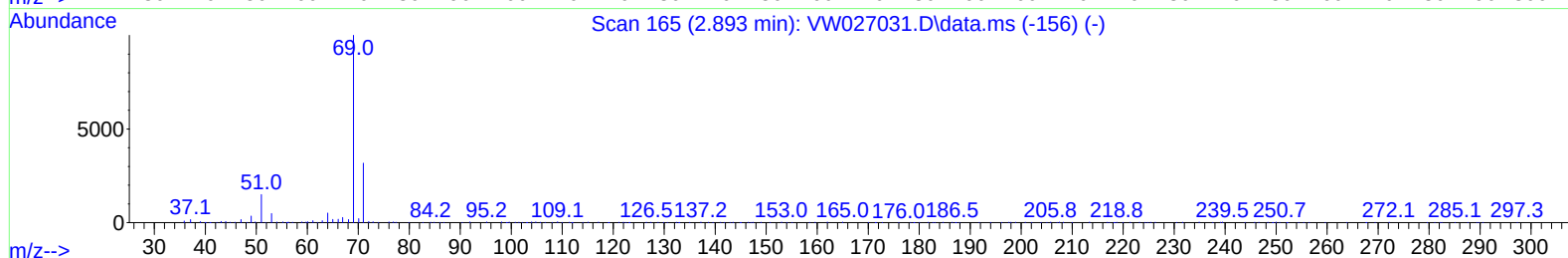
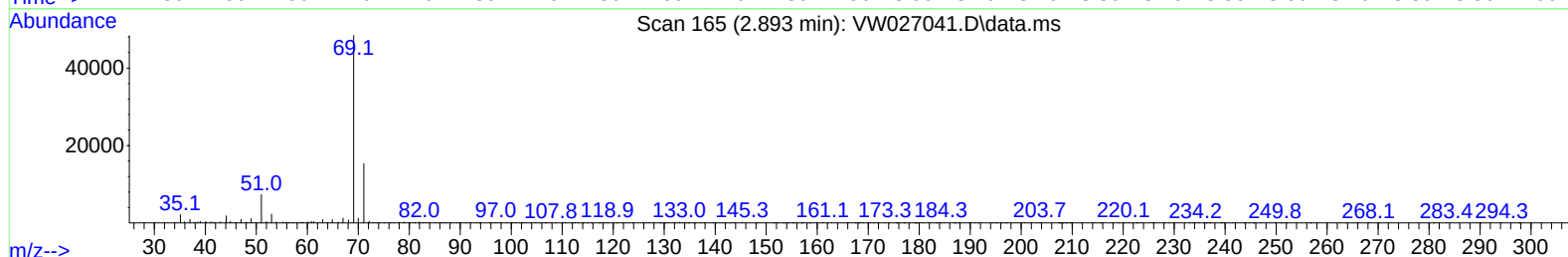
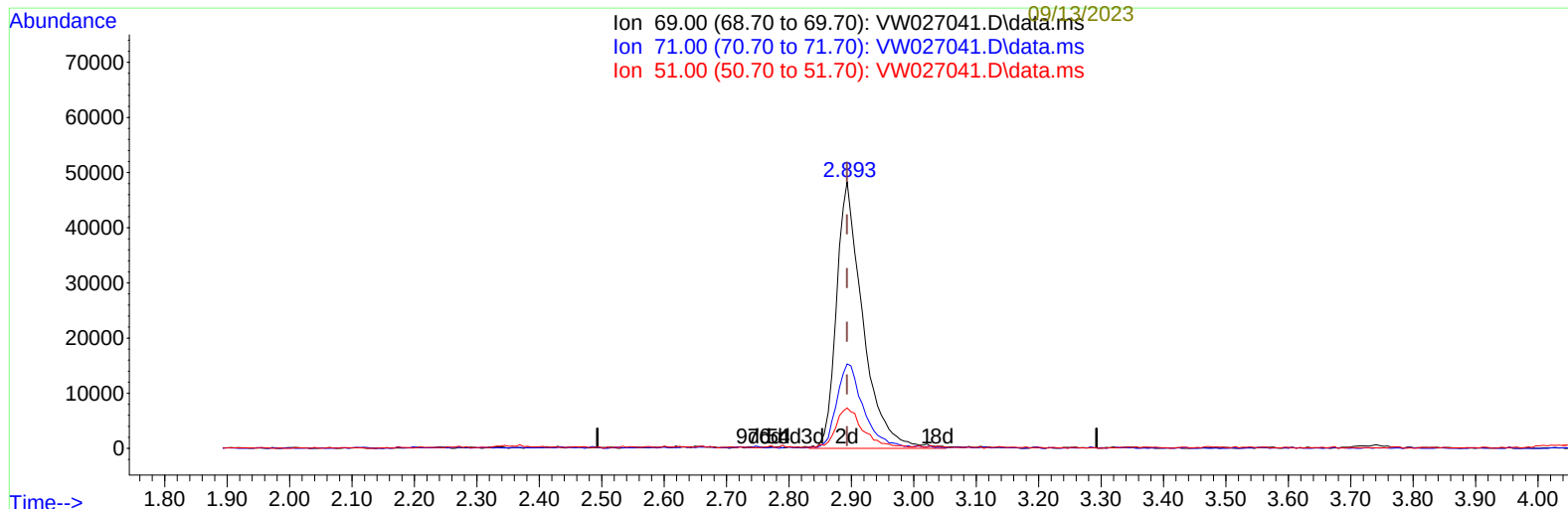
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 Dadoda

09/13/2023



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## (7) Chloroethane-d5 (S)

2.893min (-0.000) 15.66 ug/L m

response 141654

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 31.80  | 0.19#  |
| 51.00 | 22.50  | 0.10#  |
| 0.00  | 0.00   | 0.00   |

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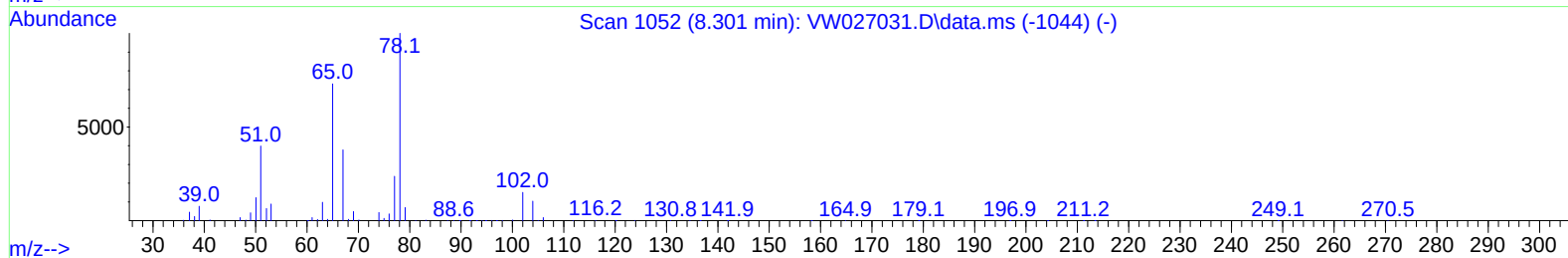
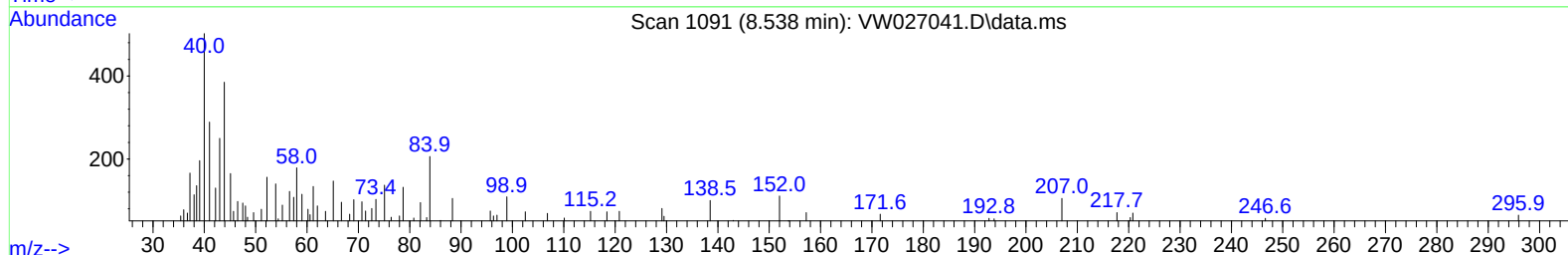
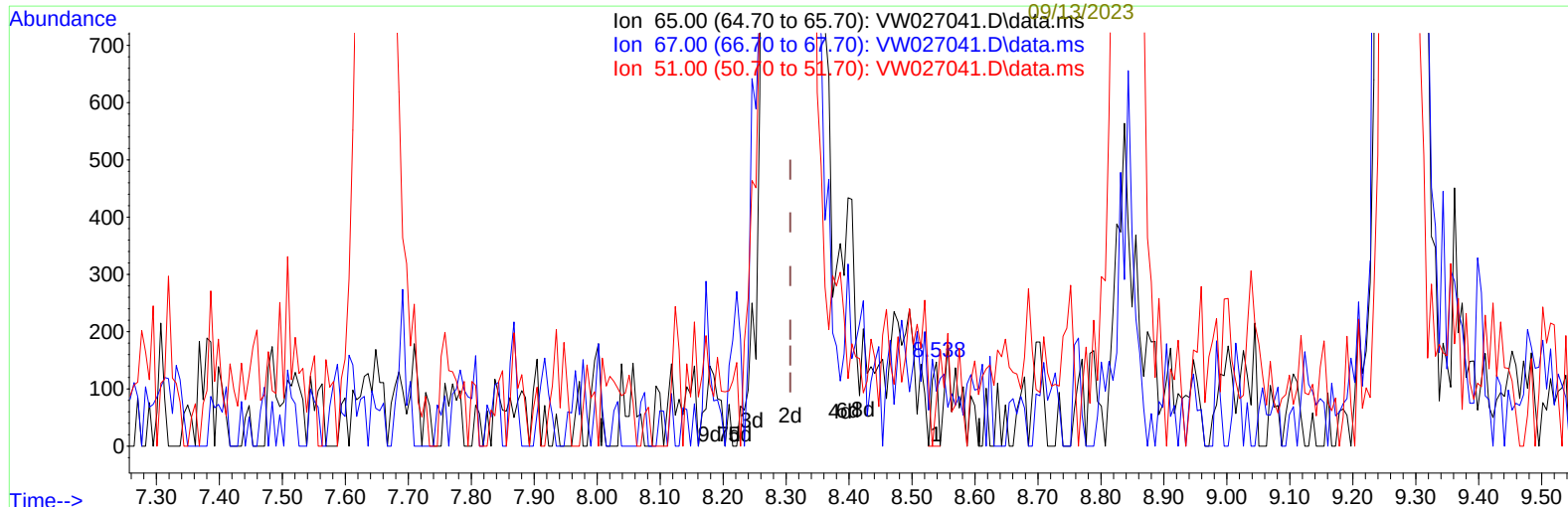
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TIC: VW027041.D\data.ms

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

8.538min (+ 0.232) 0.01 ug/L

| response | 96     |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 65.00    | 100.00 | 100.00 |
| 67.00    | 54.50  | 42.71  |
| 51.00    | 110.30 | 133.33 |
| 0.00     | 0.00   | 0.00   |

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Instrument :  
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ClientSampleId :  
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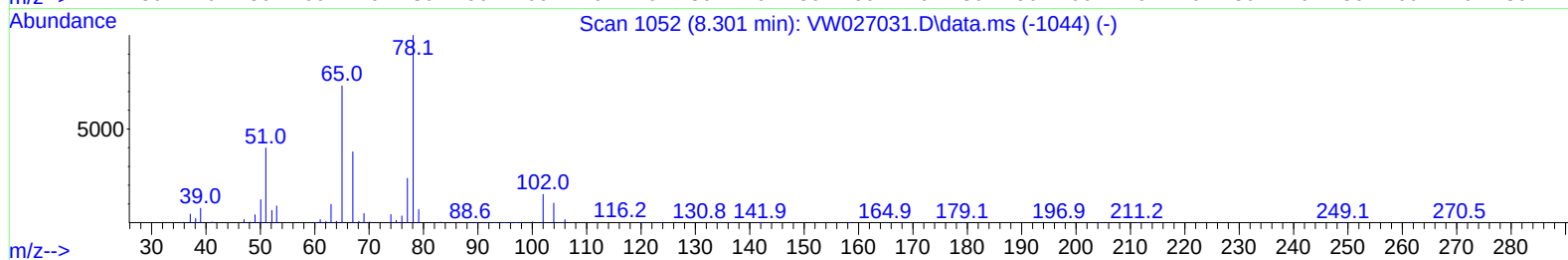
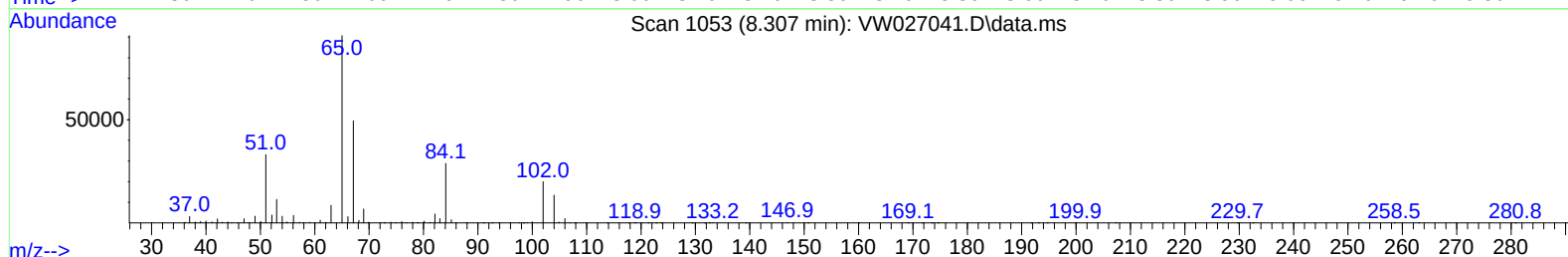
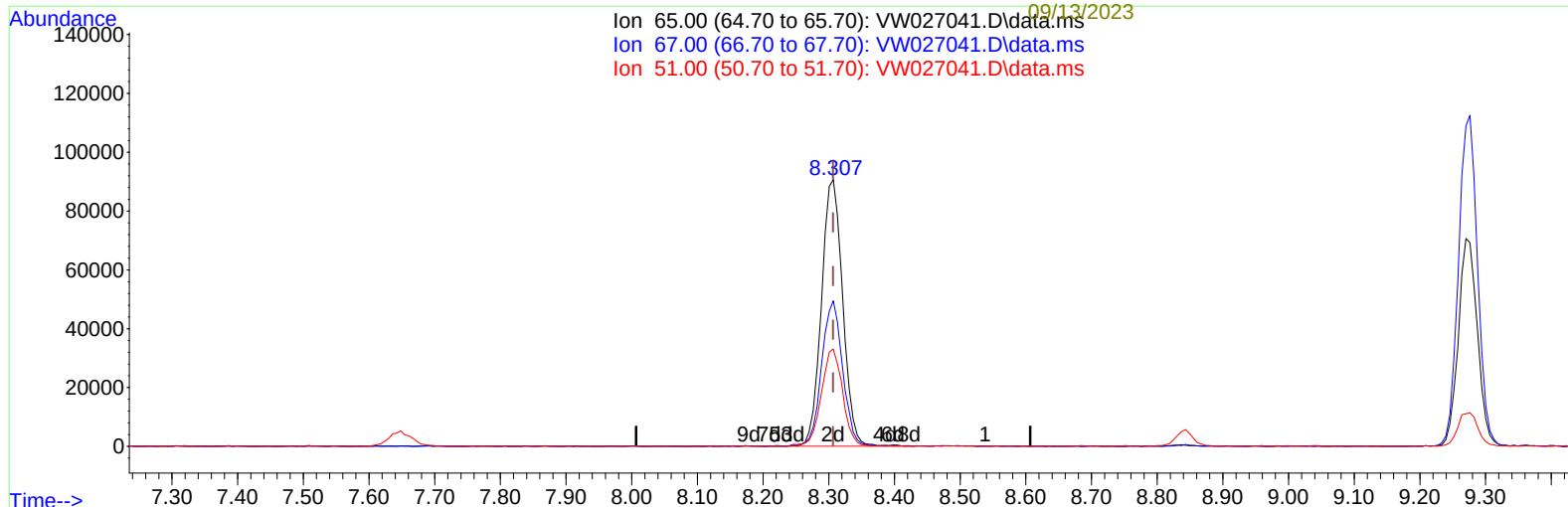
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Quant Title : SFAM01.0  
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TIC: VW027041.D\data.ms

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

8.307min (-0.000) 20.77 ug/L m

response 203807

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 0.02#  |
| 51.00 | 110.30 | 0.06#  |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AA5

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| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 627450     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 505194     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 186864     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 143679     | 12.817   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 51.280%  |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 141654m    | 15.657   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 62.640%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 60721      | 14.698   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 58.800%  |        |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 79248      | 36.690   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 73.380%  |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 366710     | 19.641   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 78.560%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 203807m    | 20.768   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 83.080%  |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 691380     | 20.864   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.440%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 227383     | 23.374   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 93.480%  |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 516318     | 17.210   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 68.840%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.581         | 79   | 56164      | 14.877   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 59.520%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 37717      | 41.529   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 83.060%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 203855     | 27.003   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 108.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 135572     | 20.977   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 83.920%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.119          | 43   | 206160     | 109.008  | ug/L   | 95       |
| 16) Methylene chloride        | 4.929          | 84   | 30448      | 2.505    | ug/L   | 90       |
| 22) 2-Butanone                | 7.173          | 43   | 38813      | 12.755   | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

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

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