

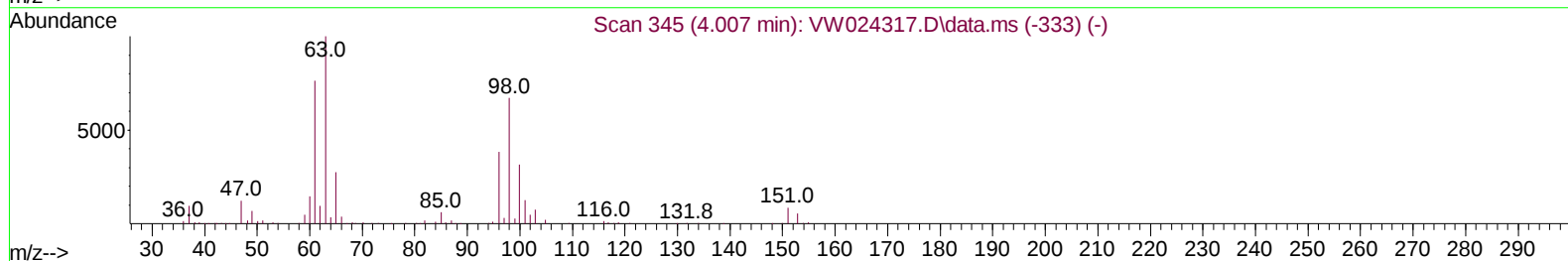
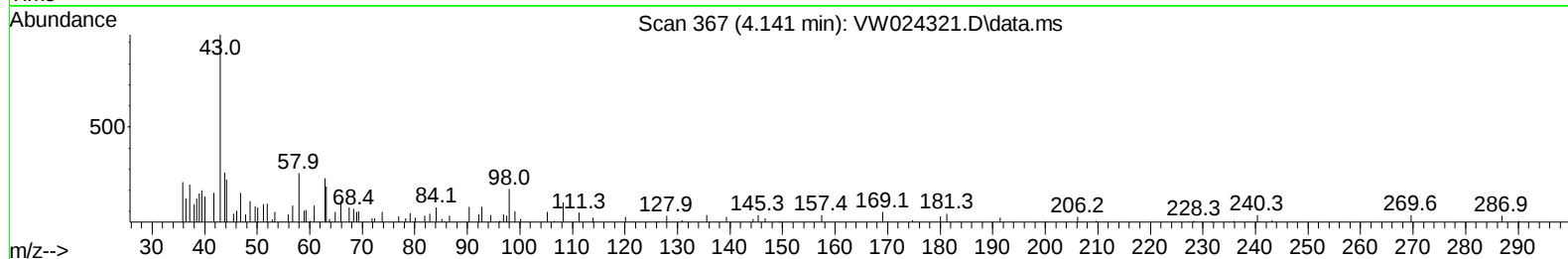
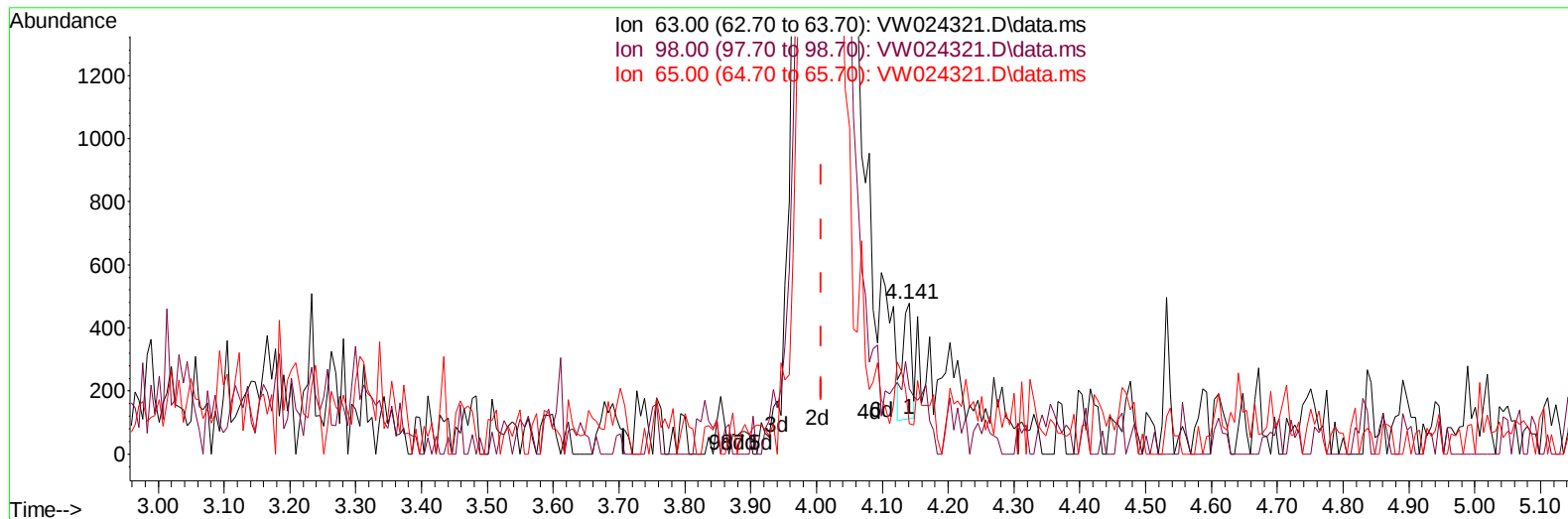
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082422\  
 Data File : VW024321.D  
 Acq On : 24 Aug 2022 14:58  
 Operator : SY/VA  
 Sample : N4322-08RE  
 Misc : 5.45g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EY168RE

Manual IntegrationsAPPROVED

Quant Time: Aug 25 01:32:37 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: VW024321.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.141min (+ 0.134) 0.07 ug/L

response 334

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 75.50  | 93.41  |
| 65.00 | 23.50  | 28.44  |
| 0.00  | 0.00   | 0.00   |

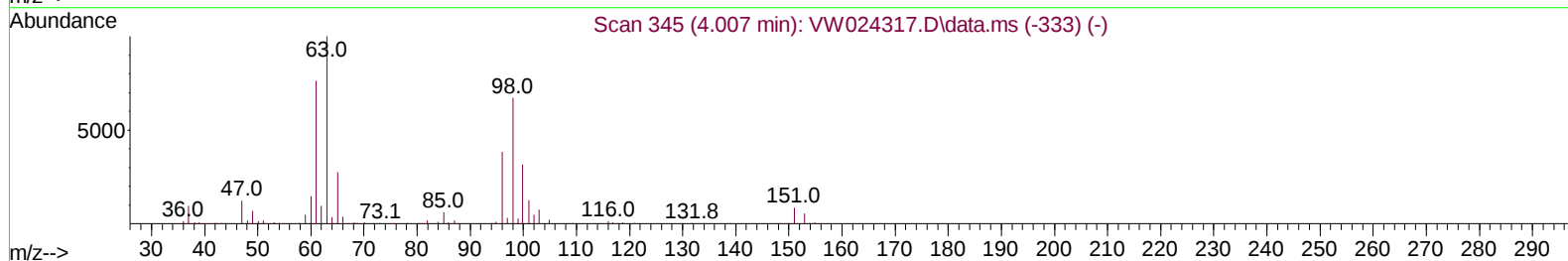
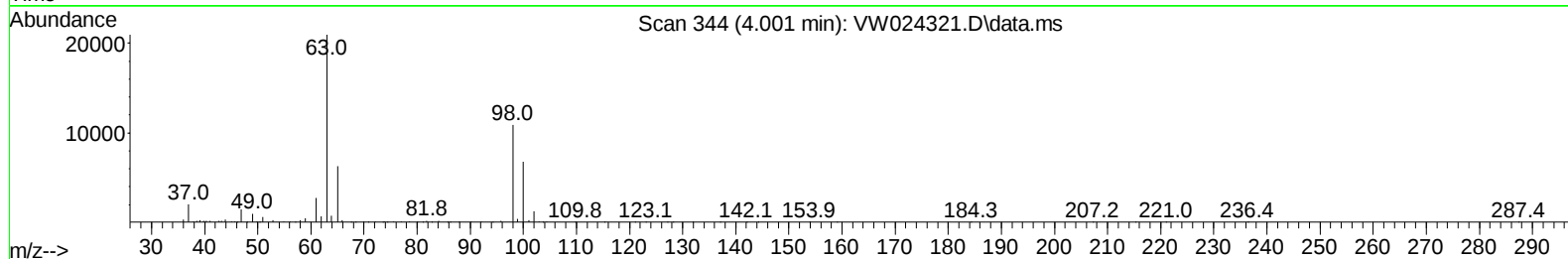
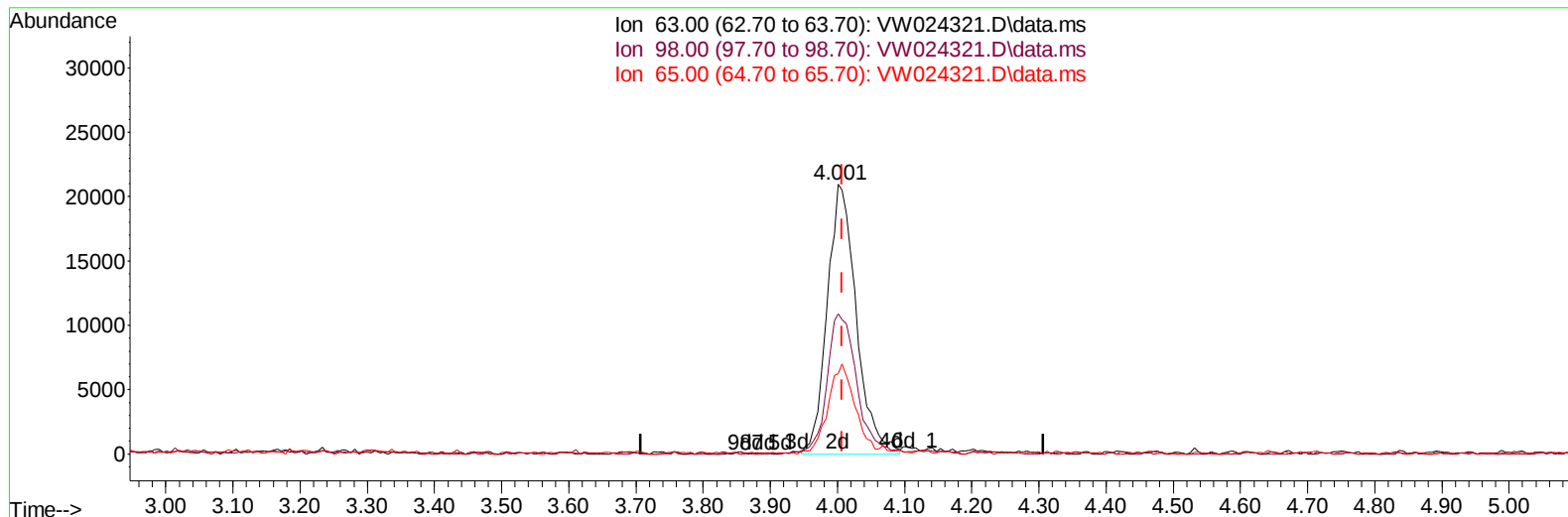
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## Manual IntegrationsAPPROVED

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



TIC: VW024321.D\data.ms

## (11) 1,1-Dichloroethene-d2 (S)

4.001min (-0.006) 12.70 ug/L m

response 63117

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 75.50  | 0.49#  |
| 65.00 | 23.50  | 0.15#  |
| 0.00  | 0.00   | 0.00   |

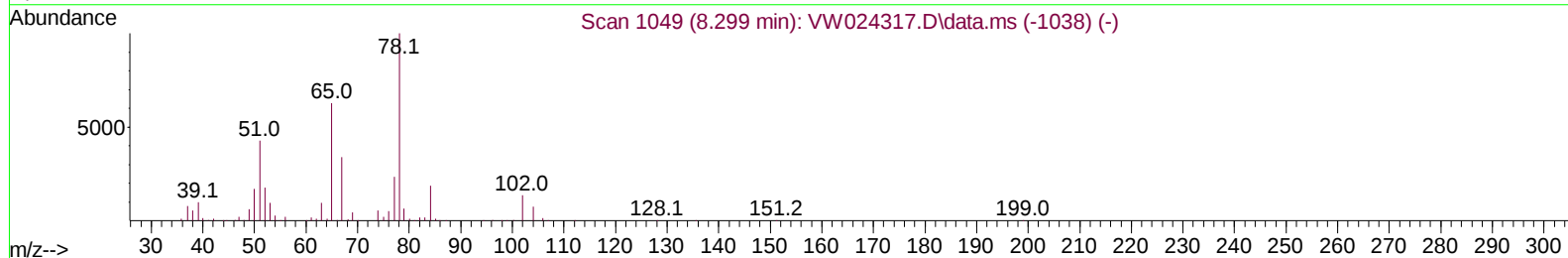
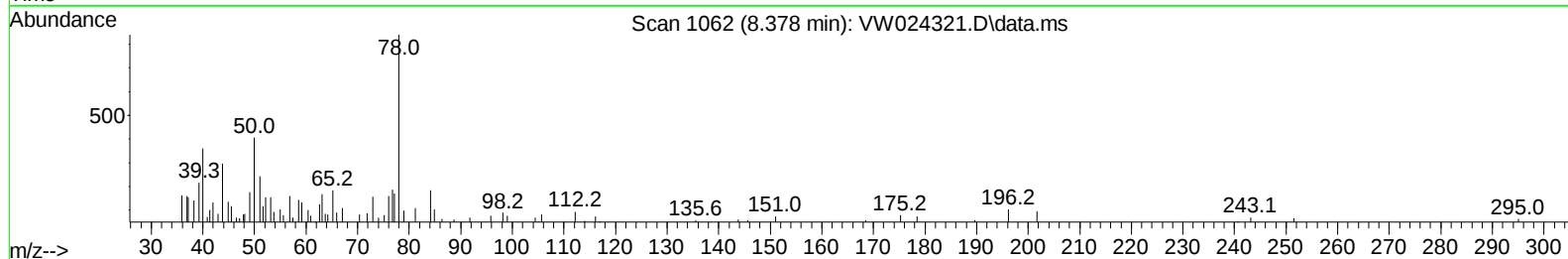
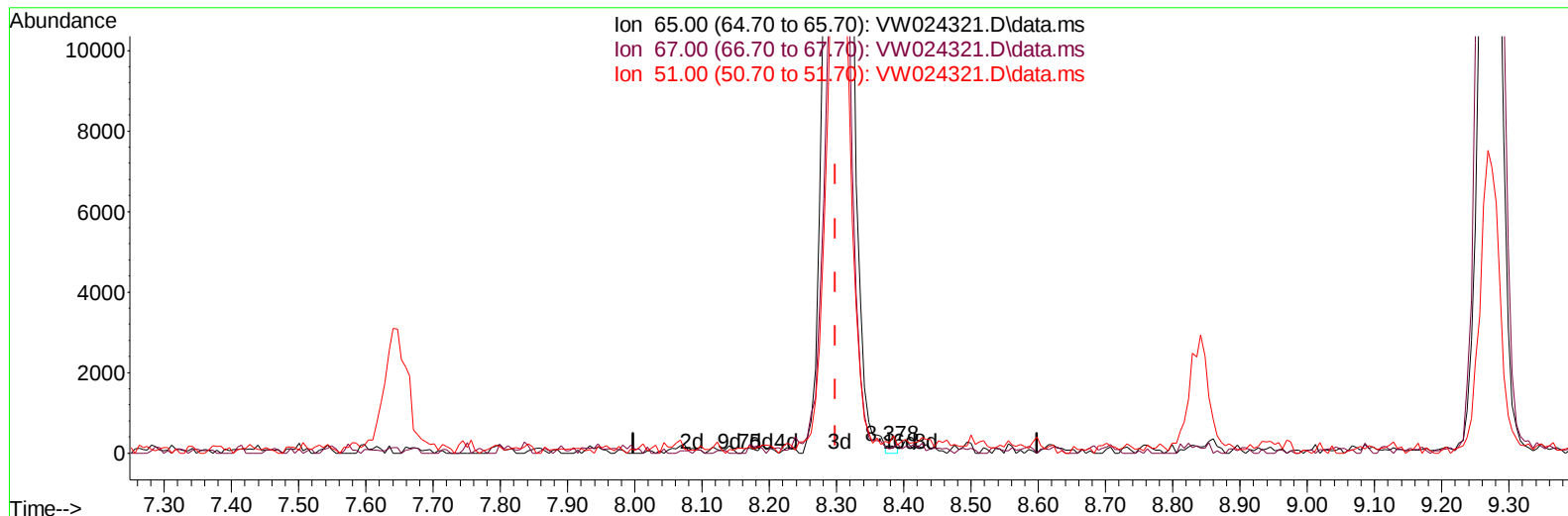
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Manual IntegrationsAPPROVED

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TIC: VW024321.D\data.ms

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

8.378min (+ 0.079) 0.05 ug/L

response 184

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.00  | 57.07  |
| 51.00 | 95.20  | 78.80  |
| 0.00  | 0.00   | 0.00   |

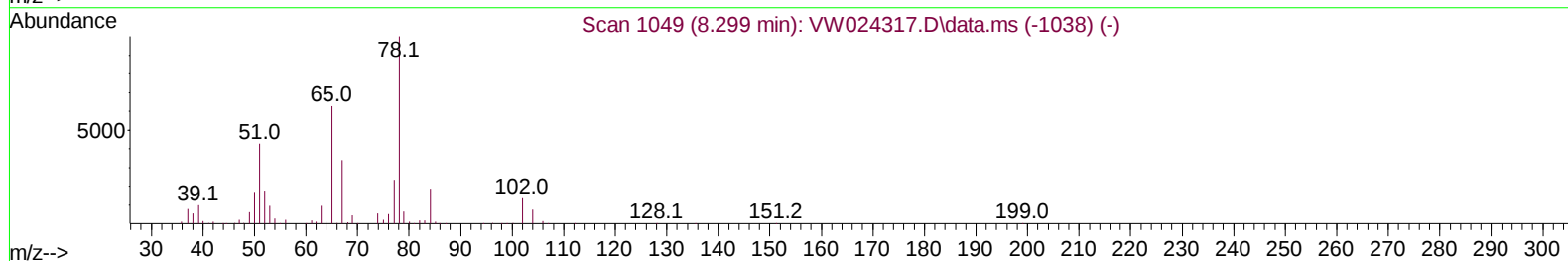
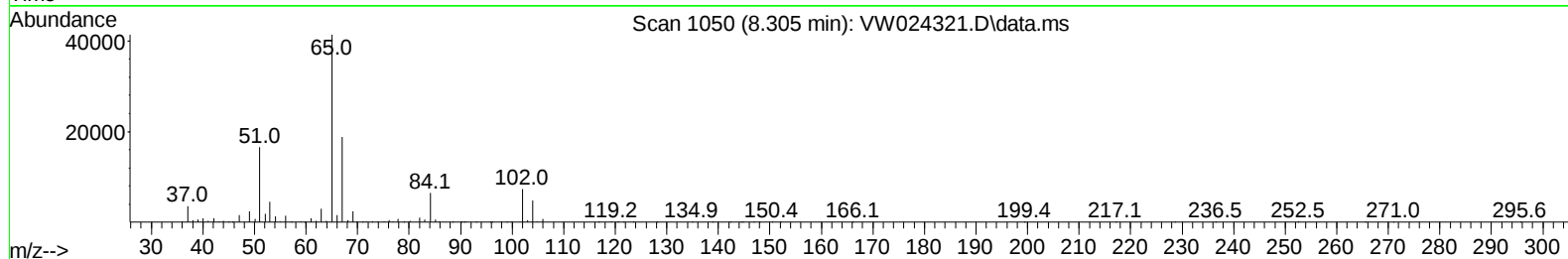
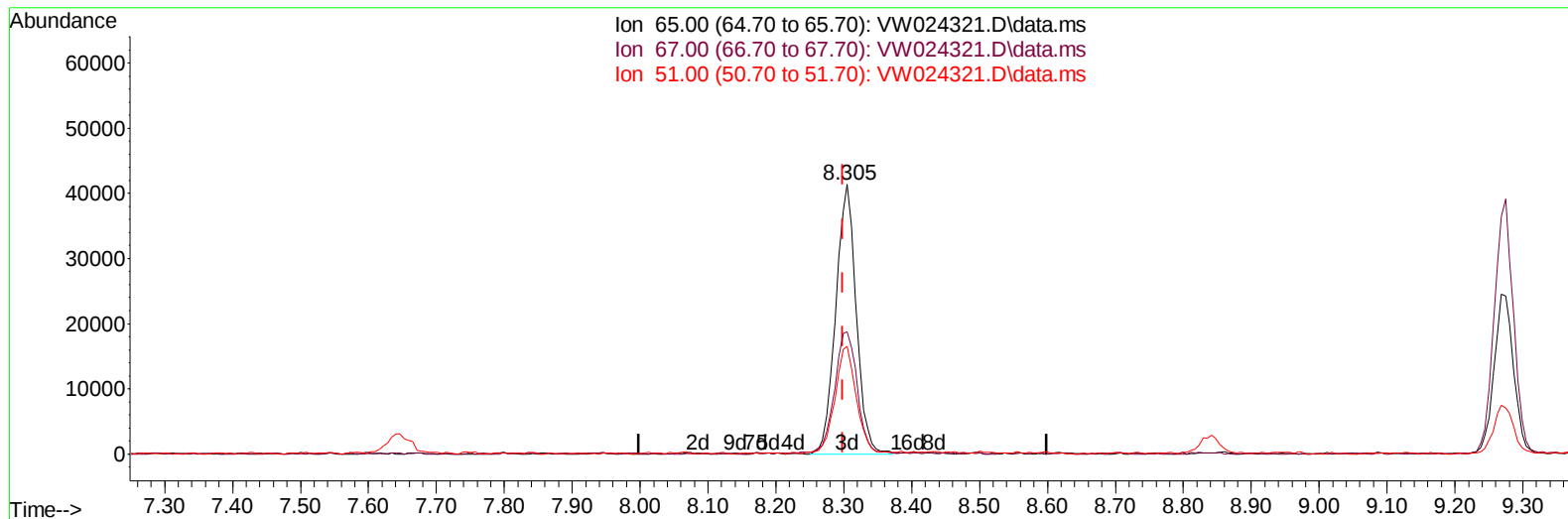
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## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022  
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 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 25 01:31:24 2022  
 Response via : Initial Calibration



TIC: VW024321.D\data.ms

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

8.305min (+ 0.006) 24.77 ug/L m

response 86778

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.00  | 0.12#  |
| 51.00 | 95.20  | 0.17#  |
| 0.00  | 0.00   | 0.00   |

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 Sample : N4322-08RE  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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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        | 8.842    | 114   | 208550   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 117452   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 15600    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 106083   | 24.335 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 97.360%   |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 95605    | 35.207 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 140.840%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.001    | 63    | 63117m   | 12.705 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 50.800%   |          |
| 21) 2-Butanone-d5             | 7.074    | 46    | 51617    | 63.645 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 127.300%  |          |
| 24) Chloroform-d              | 7.647    | 84    | 138512   | 21.950 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 87.800%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 86778m   | 24.770 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 99.080%   |          |
| 32) Benzene-d6                | 8.269    | 84    | 230298   | 33.247 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 133.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 76957    | 37.628 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 150.520%# |          |
| 41) Toluene-d8                | 10.323   | 98    | 148784   | 22.980 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 91.920%   |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 22181    | 24.761 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 99.040%   |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    | 30042    | 79.527 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 159.060%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 54374    | 27.403 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 109.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 12980    | 22.737 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 90.960%   |          |
| Target Compounds              |          |       |          |        |           |          |
|                               |          |       |          |        | Qvalue    |          |
| 16) Methylene chloride        | 4.903    | 84    | 14729    | 4.005  | ug/L      | 94       |
| 17) trans-1,2-Dichloroethene  | 5.422    | 96    | 24243    | 8.373  | ug/L      | 94       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 192465   | 60.528 | ug/L #    | 92       |
| -----                         |          |       |          |        |           |          |

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

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