

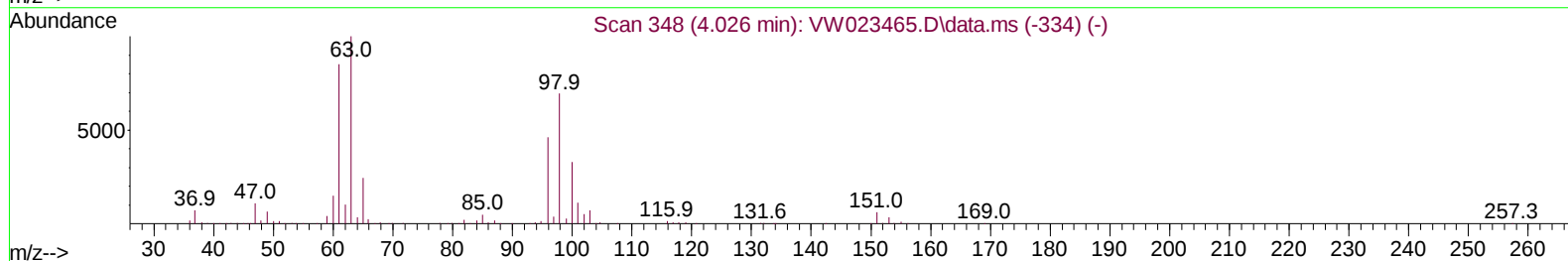
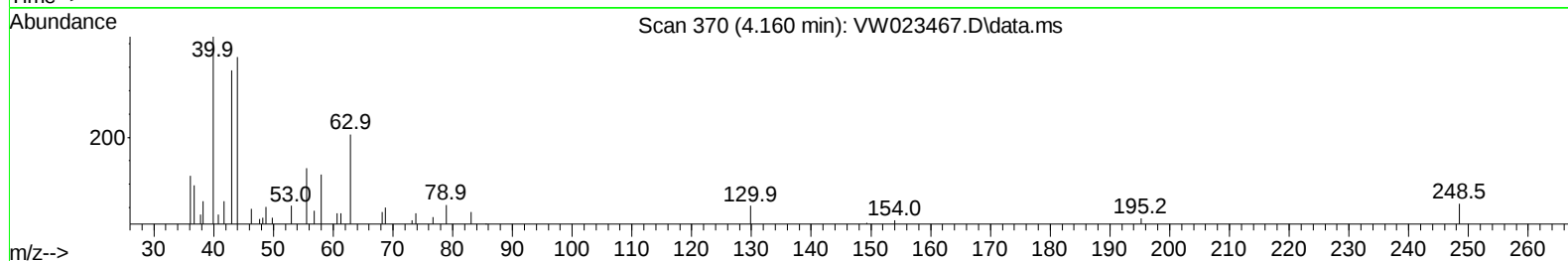
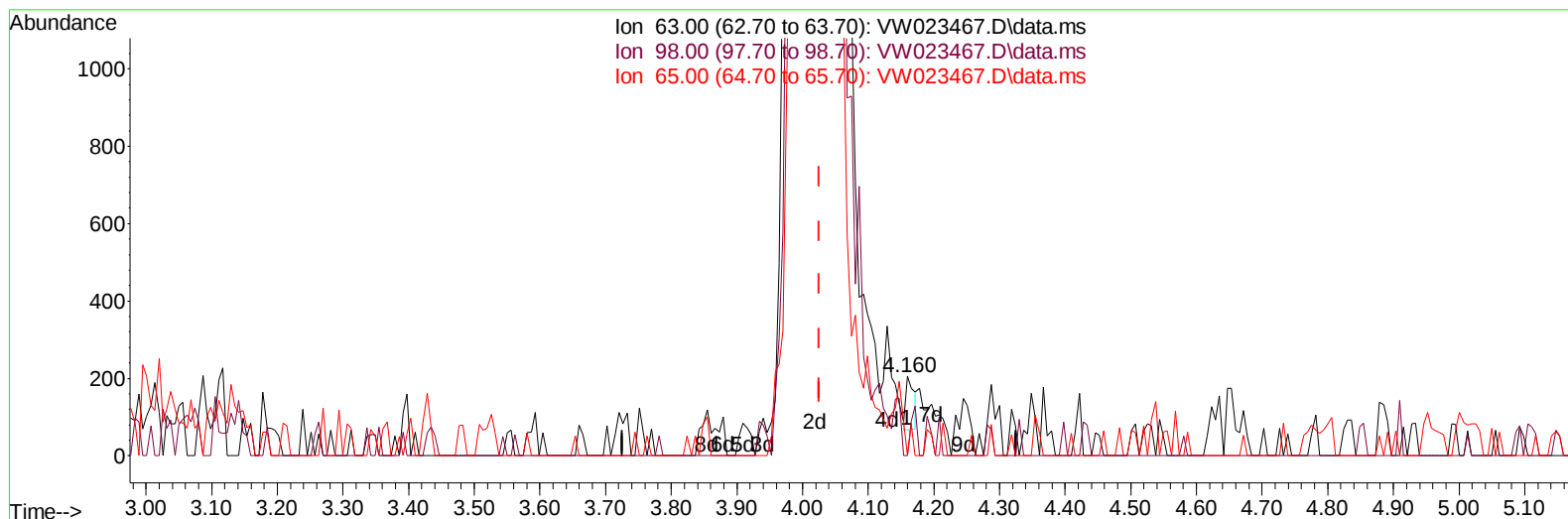
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061322\  
 Data File : VW023467.D  
 Acq On : 13 Jun 2022 10:00  
 Operator : SY/VA  
 Sample : N3226-14RE  
 Misc : 6.73g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4N4RE

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:32:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jun 14 01:31:49 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/14/2022  
 Supervised By :Mahesh Dadoda 06/15/2022



TIC: VW023467.D\data.ms

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

**4.160min (+ 0.134) 0.02 ug/L**

**response 124**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 72.80  | 64.52  |
| 65.00 | 23.30  | 24.19  |
| 0.00  | 0.00   | 0.00   |

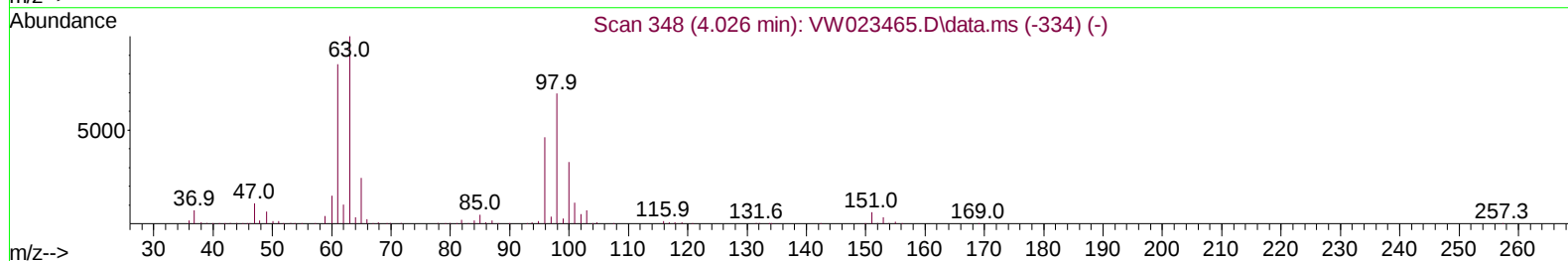
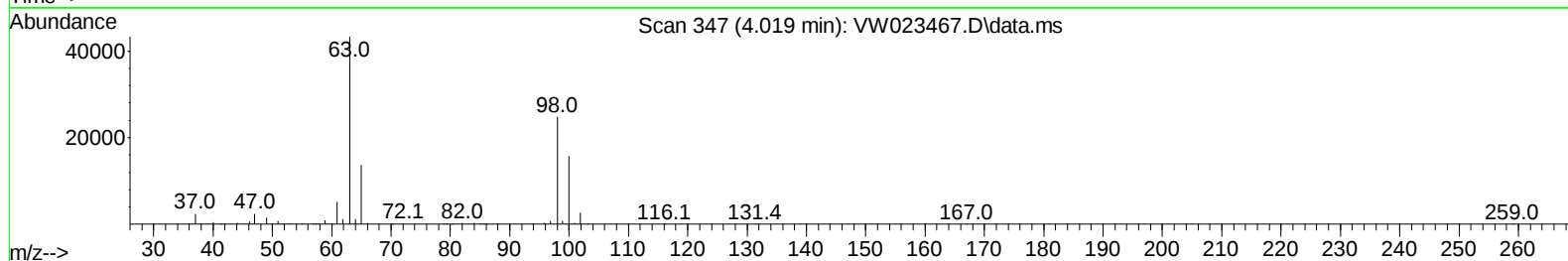
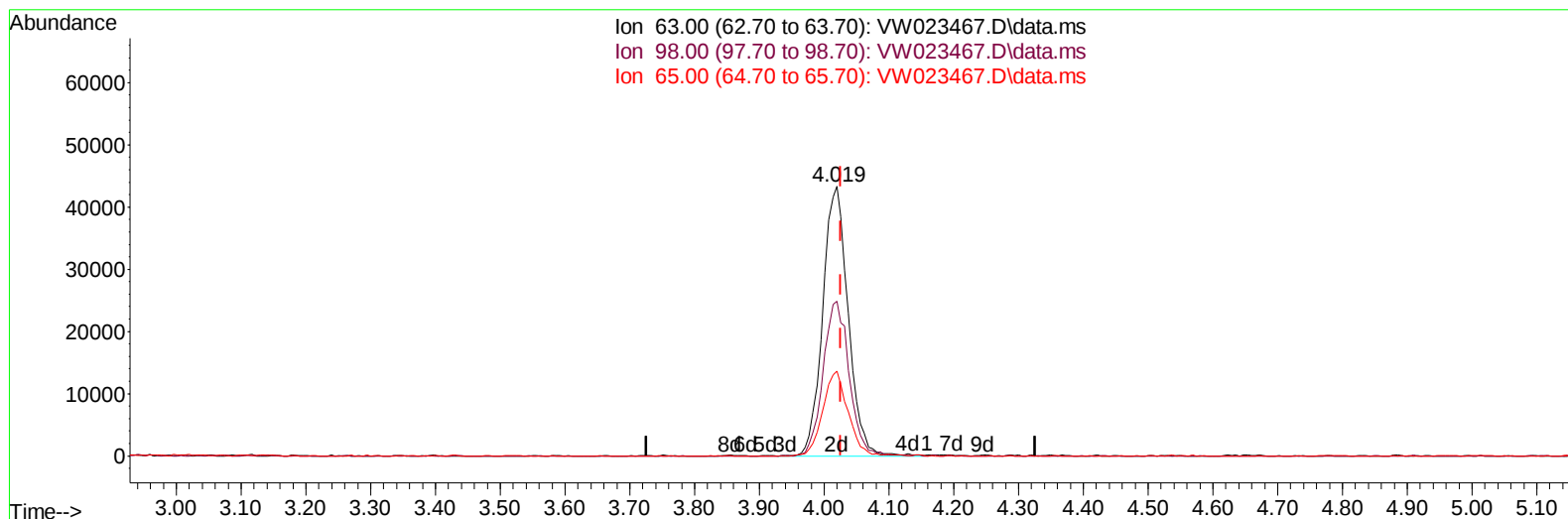
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## Manual IntegrationsAPPROVED

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TIC: VW023467.D\data.ms

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

4.019min (-0.006) 21.94 ug/L m

response 118435

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 72.80  | 0.07#  |
| 65.00 | 23.30  | 0.03#  |
| 0.00  | 0.00   | 0.00   |

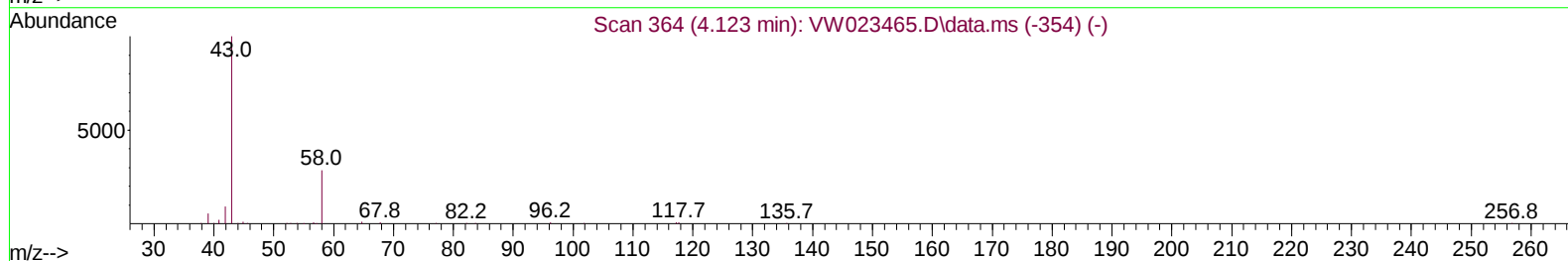
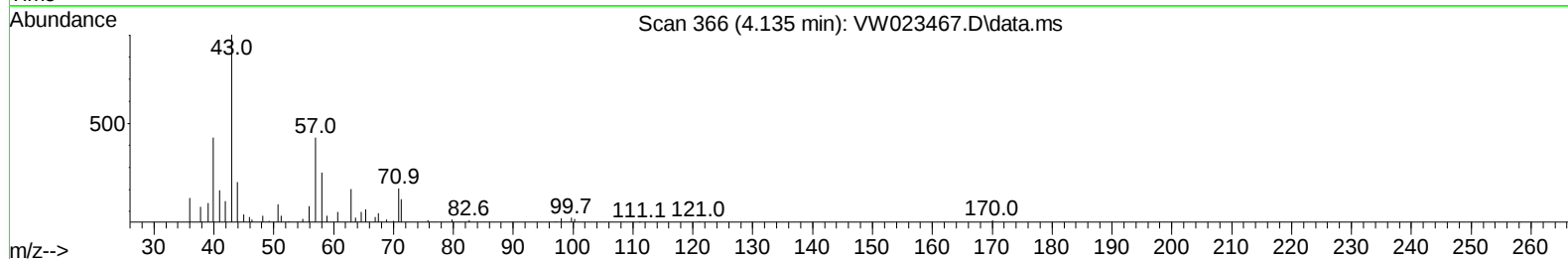
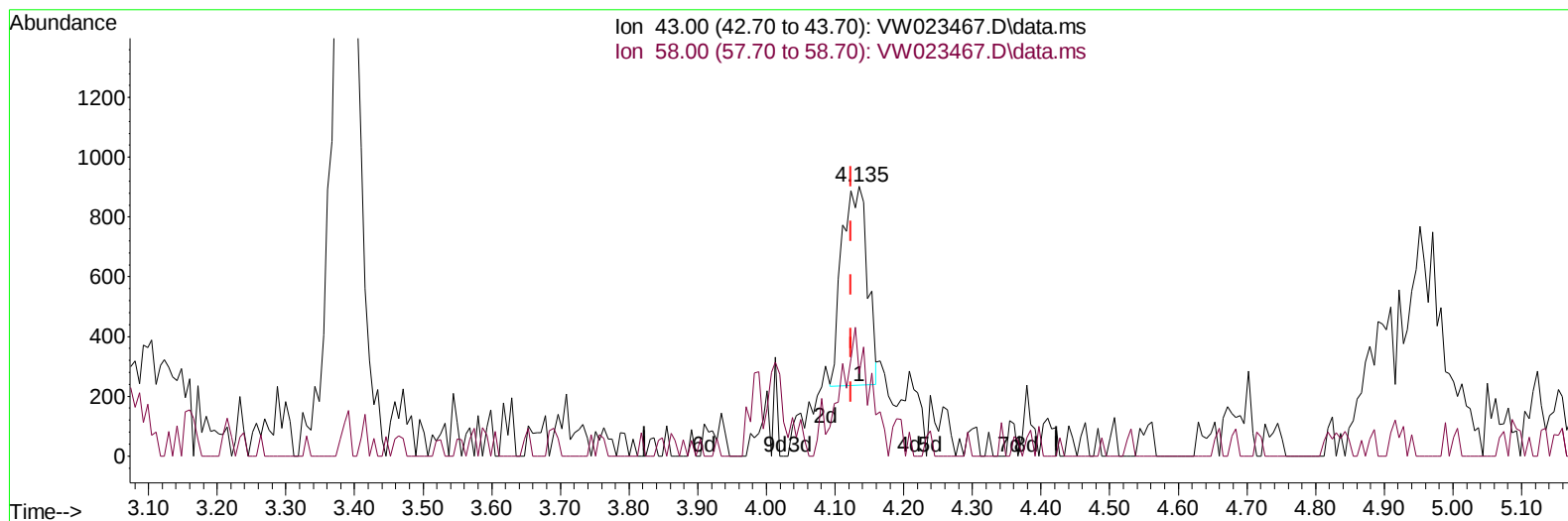
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061322\  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4N4RE

Manual IntegrationsAPPROVED

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TIC: VW023467.D\data.ms

**(13) Acetone (T)**

**4.135min (+ 0.012) 3.01 ug/L**

**response 1715**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.00  | 47.29  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

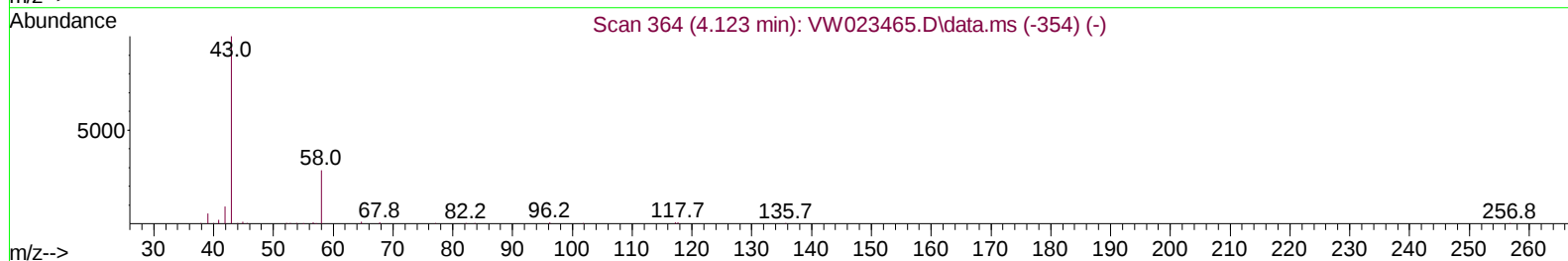
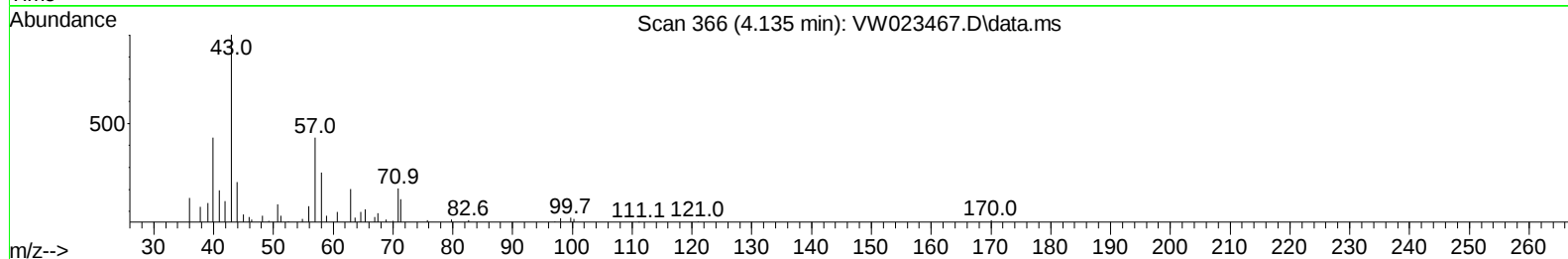
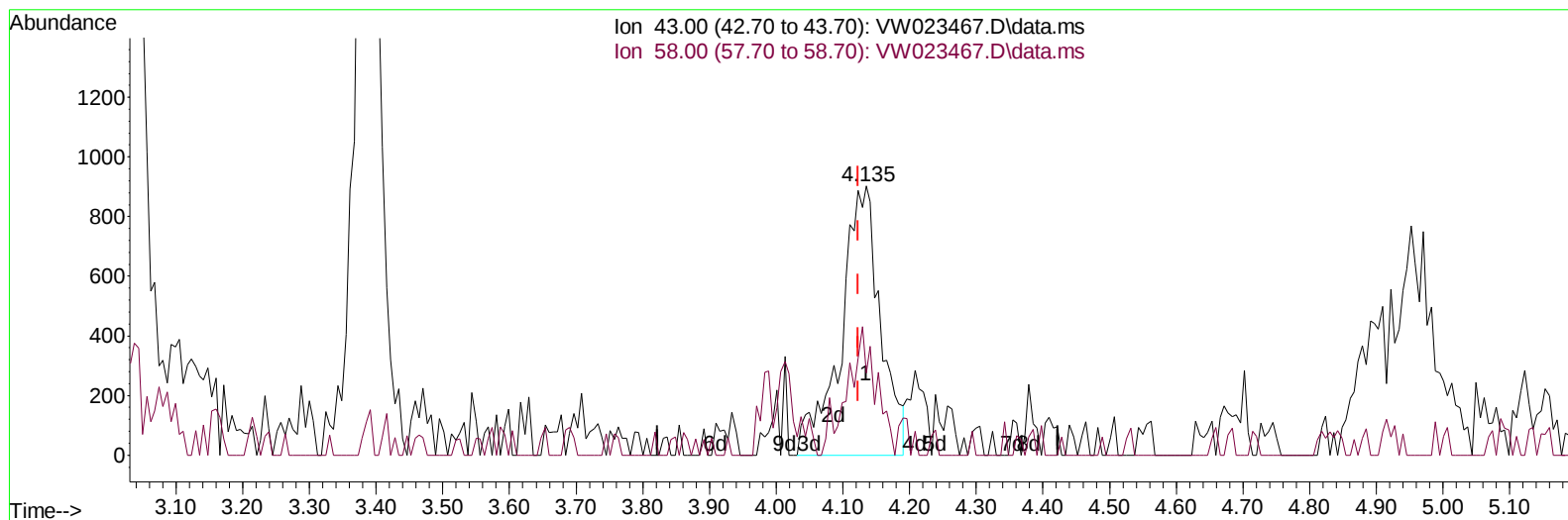
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061322\  
 Data File : VW023467.D  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: VW023467.D\data.ms

**(13) Acetone (T)**

**4.135min (+ 0.012) 6.55 ug/L m**

**response 3727**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.00  | 21.76  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

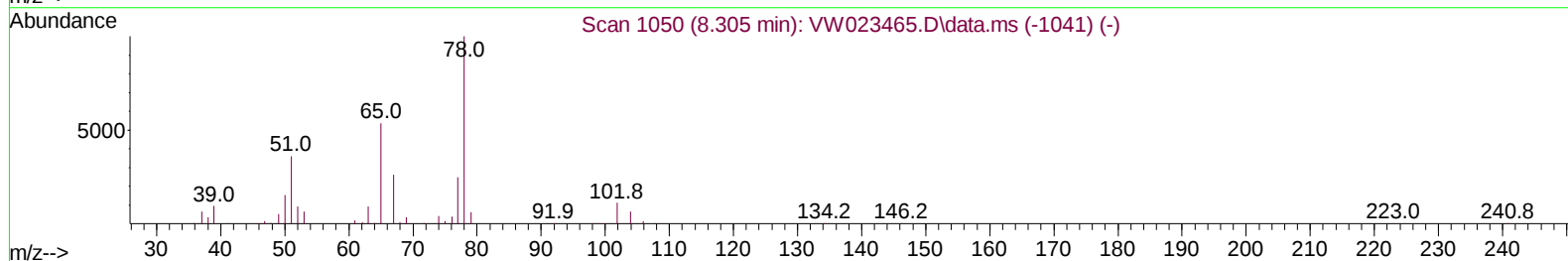
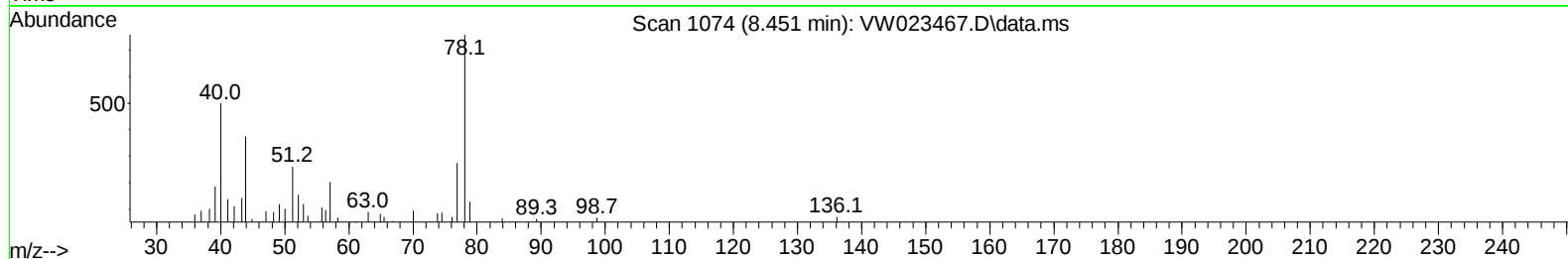
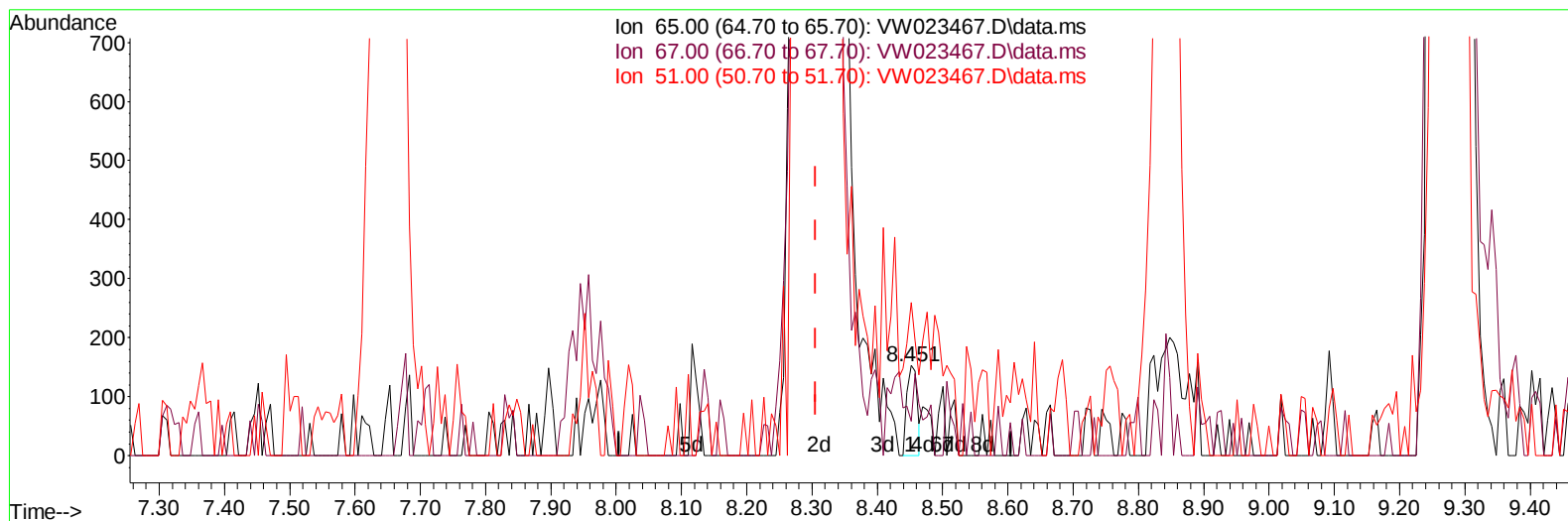
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Data File : VW023467.D  
Acq On : 13 Jun 2022 10:00  
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Sample : N3226-14RE  
Misc : 6.73g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4N4RE

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022  
Supervised By :Mahesh Dadoda 06/15/2022

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Quant Title : SFAM01.0  
QLast Update : Tue Jun 14 01:31:49 2022  
Response via : Initial Calibration



TIC: VW023467.D\data.ms

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

8.451min (+ 0.146) 0.05 ug/L

response 167

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 63.47  |
| 51.00 | 92.30  | 73.65  |
| 0.00  | 0.00   | 0.00   |

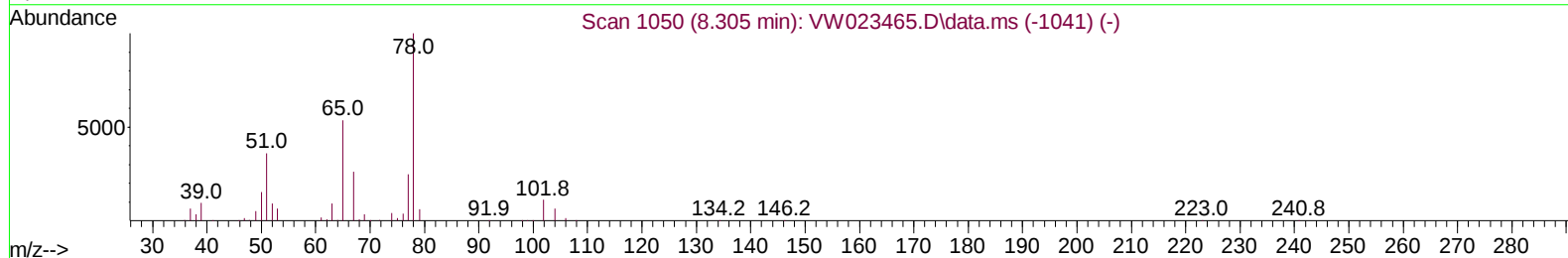
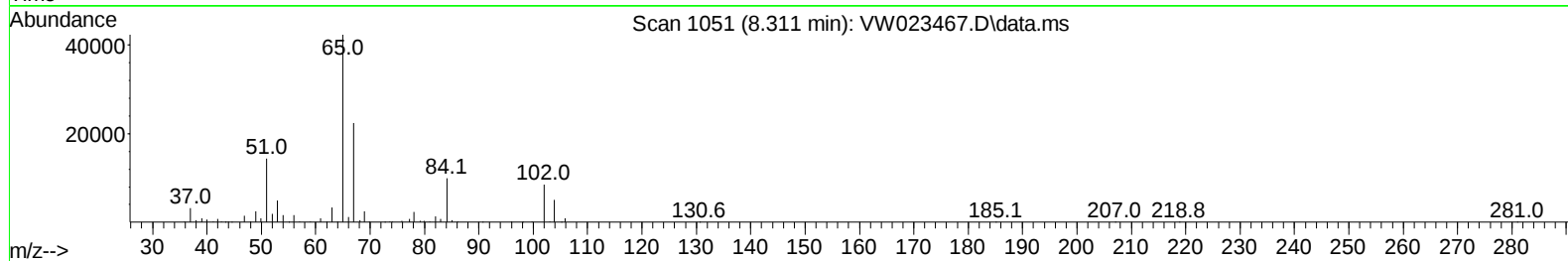
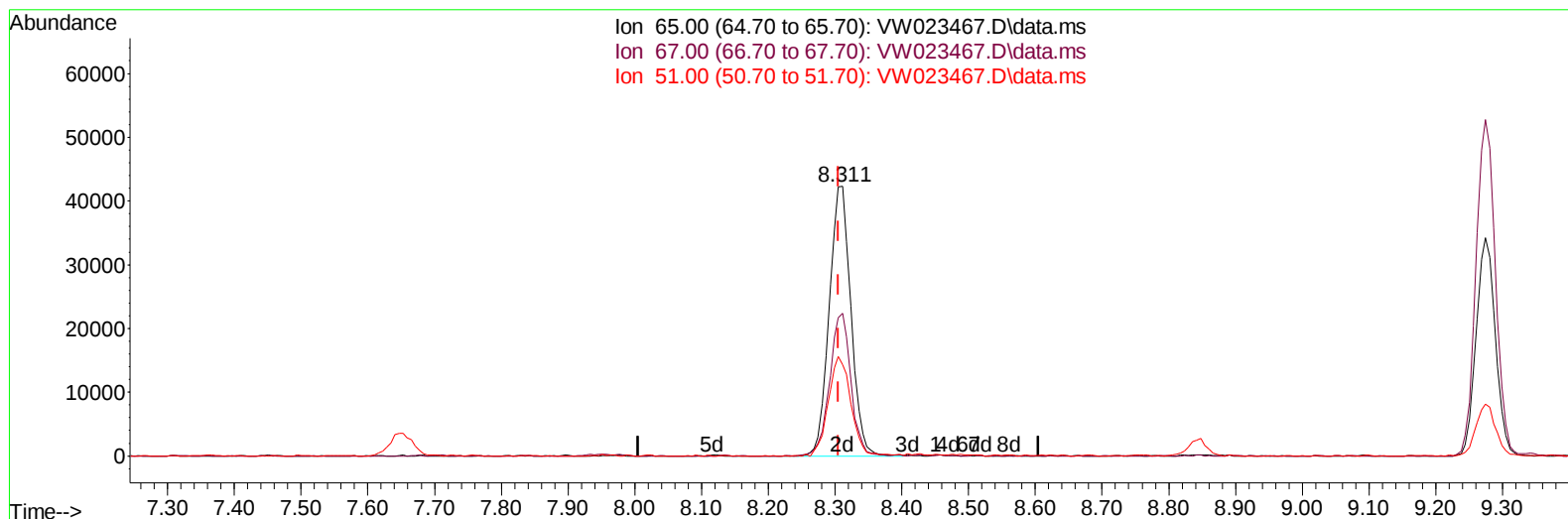
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 Misc : 6.73g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4N4RE

## Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 06/15/2022

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 Quant Title : SFAM01.0  
 QLast Update : Tue Jun 14 01:31:49 2022  
 Response via : Initial Calibration



TIC: VW023467.D\data.ms

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

8.311min (+ 0.006) 26.45 ug/L m

response 95465

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.11#  |
| 51.00 | 92.30  | 0.13#  |
| 0.00  | 0.00   | 0.00   |

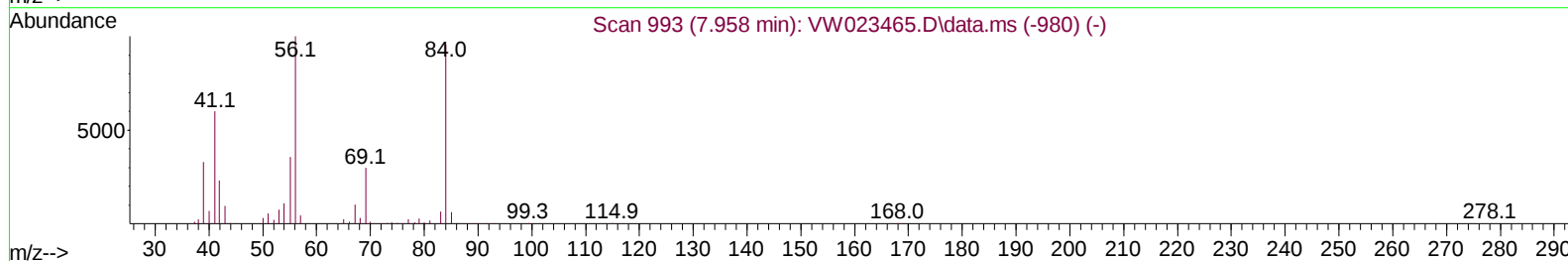
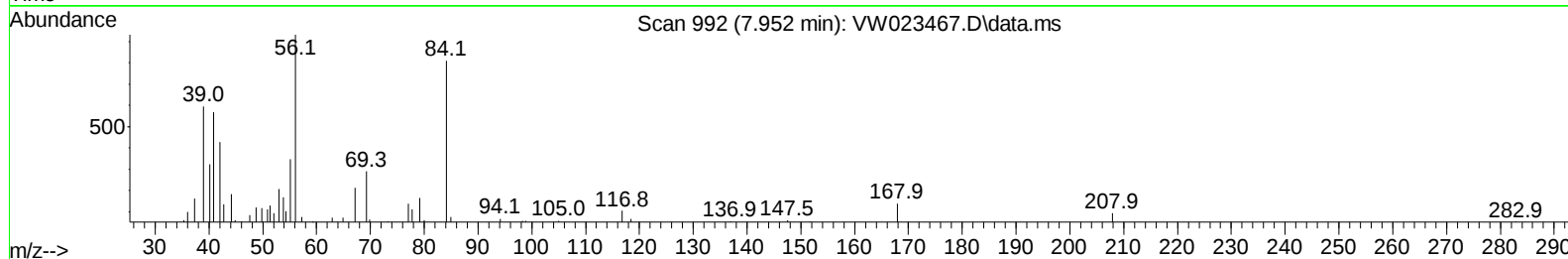
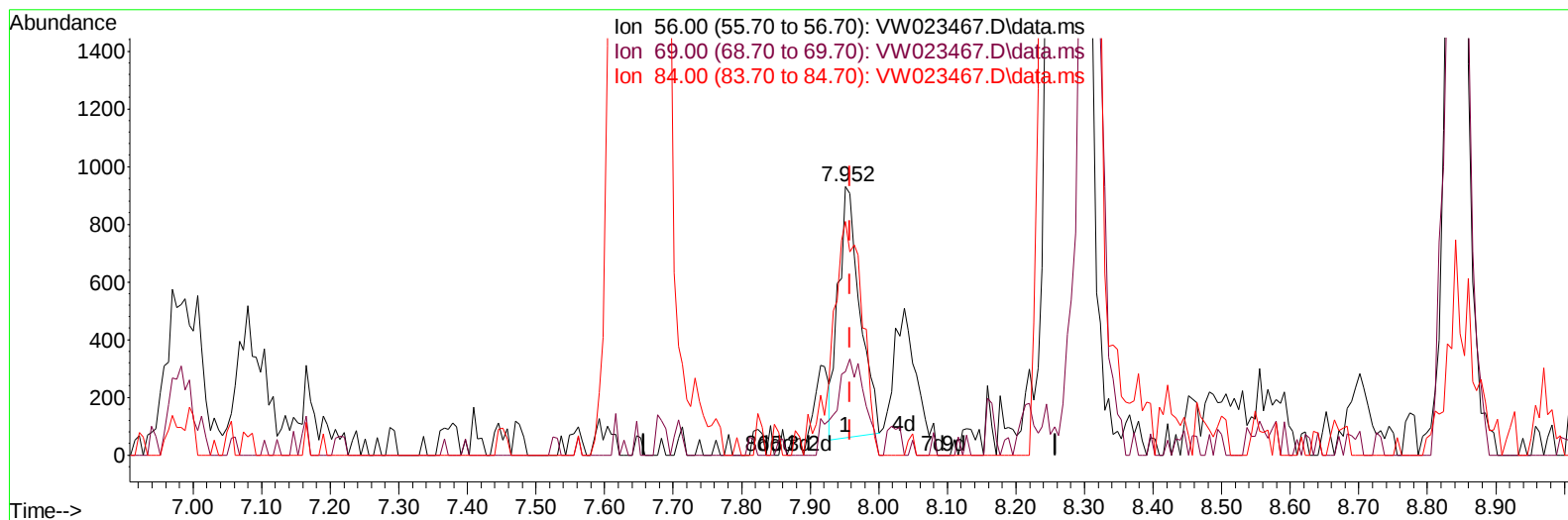
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 Misc : 6.73g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4N4RE

Manual IntegrationsAPPROVED

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TIC: VW023467.D\data.ms

### (29) Cyclohexane (T)

7.952min (-0.006) 1.02 ug/L

response 1891

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 56.00 | 100.00 | 100.00 |
| 69.00 | 32.00  | 48.60# |
| 84.00 | 97.80  | 52.78# |
| 0.00  | 0.00   | 0.00   |

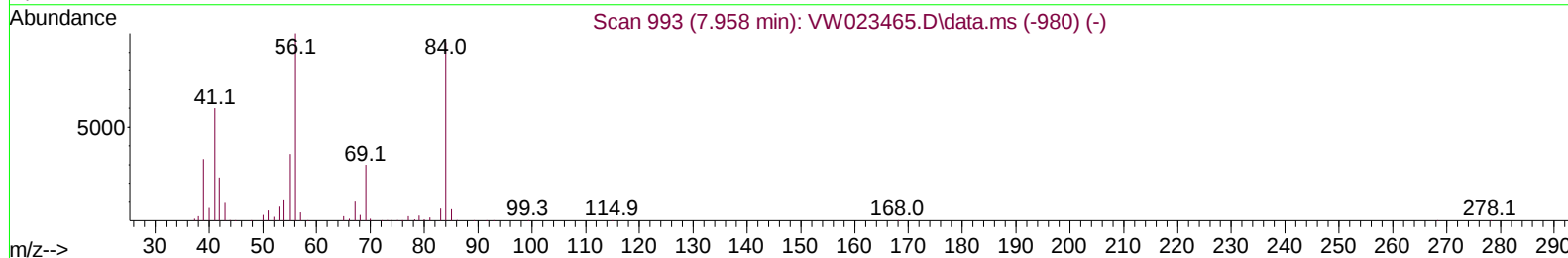
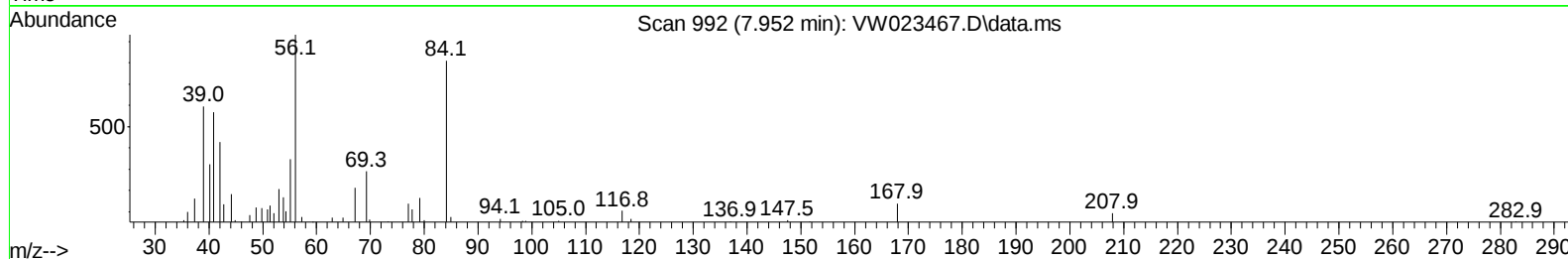
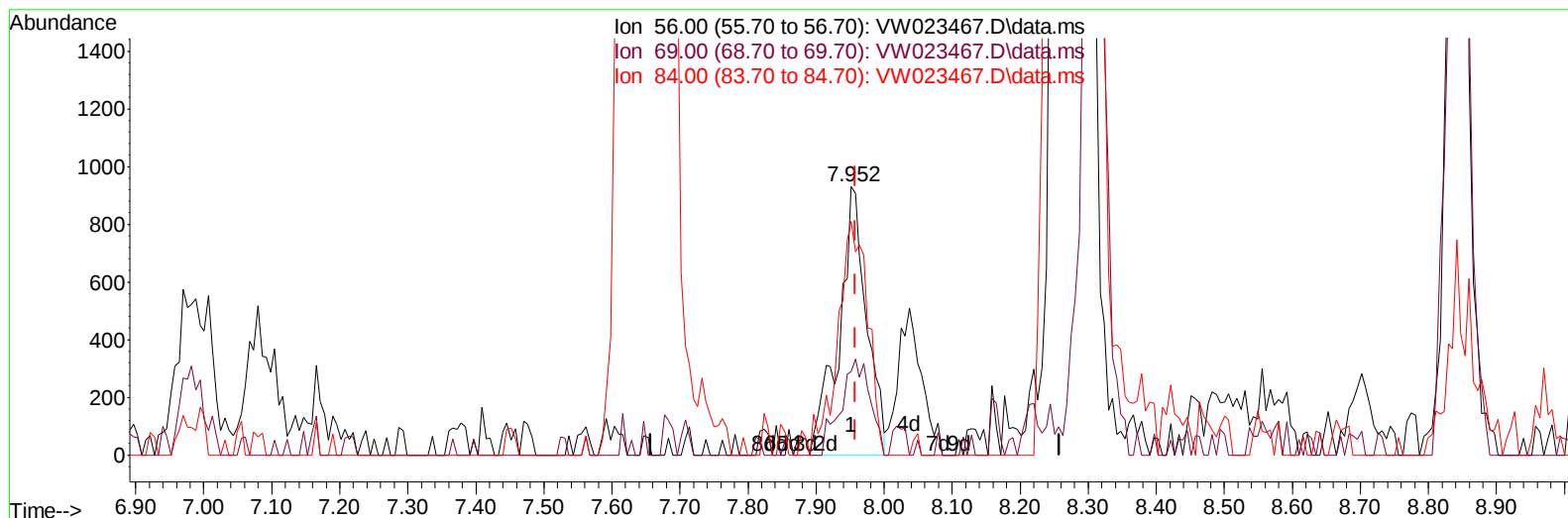
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 Data File : VW023467.D  
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 Operator : SY/VA  
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 Misc : 6.73g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4N4RE

Manual IntegrationsAPPROVED

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TIC: VW023467.D\data.ms

### (29) Cyclohexane (T)

7.952min (-0.006) 1.43 ug/L m

response 2648

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 56.00 | 100.00 | 100.00 |
| 69.00 | 32.00  | 34.71  |
| 84.00 | 97.80  | 37.69# |
| 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   | 243404   | 25.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.634   | 117   | 92099    | 25.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 12010    | 25.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |         |           |          |
| 4) Vinyl Chloride-d3          | 2.355    | 65    | 141665   | 36.635  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 146.520%  |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 101138   | 35.580  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 142.320%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    | 118435m  | 21.942  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =       | 87.760%   |          |
| 21) 2-Butanone-d5             | 7.086    | 46    | 64273    | 81.406  | ug/L      | 0.01     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 162.820%# |          |
| 24) Chloroform-d              | 7.653    | 84    | 194732   | 29.063  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =       | 116.240%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.311    | 65    | 95465m   | 26.455  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =       | 105.800%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 320118   | 65.553  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =       | 262.200%# |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 107435   | 74.674  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =       | 298.680%# |          |
| 41) Toluene-d8                | 10.323   | 98    | 174899   | 36.668  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =       | 146.680%# |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 16135    | 24.571  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =       | 98.280%   |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    | 27324    | 118.854 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 237.700%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 80384    | 59.821  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =       | 239.280%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 15546    | 35.857  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =       | 143.440%# |          |
| Target Compounds              |          |       |          |         |           |          |
|                               |          |       |          |         |           | Qvalue   |
| 13) Acetone                   | 4.135    | 43    | 3727m    | 6.552   | ug/L      |          |
| 14) Carbon disulfide          | 4.385    | 76    | 26674    | 3.272   | ug/L      | 100      |
| 29) Cyclohexane               | 7.952    | 56    | 2648m    | 1.427   | ug/L      |          |
| 33) Benzene                   | 8.323    | 78    | 8484     | 1.595   | ug/L      | 100      |
| 42) Toluene                   | 10.390   | 91    | 12834    | 2.159   | ug/L      | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249   | 105   | 1077     | 0.765   | ug/L      | 92       |
| -----                         |          |       |          |         |           |          |

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

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