

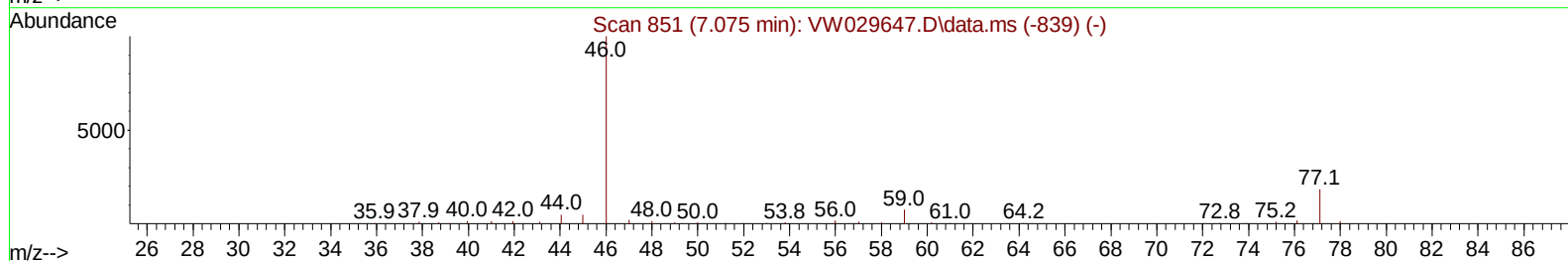
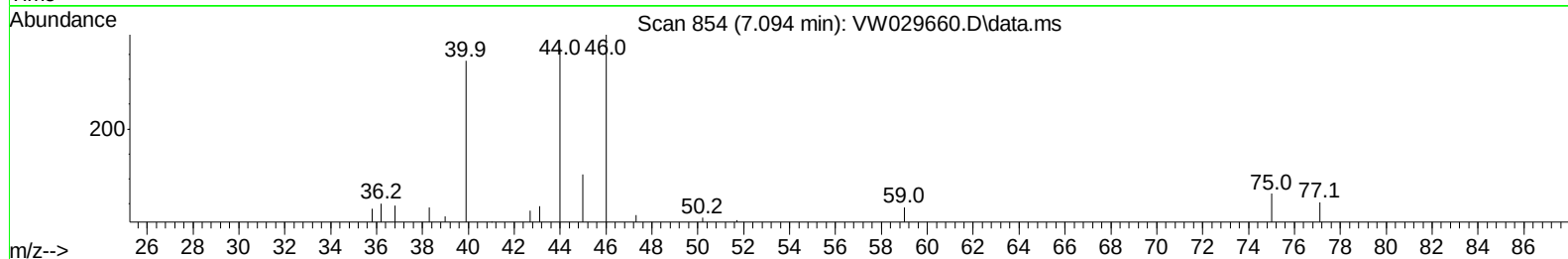
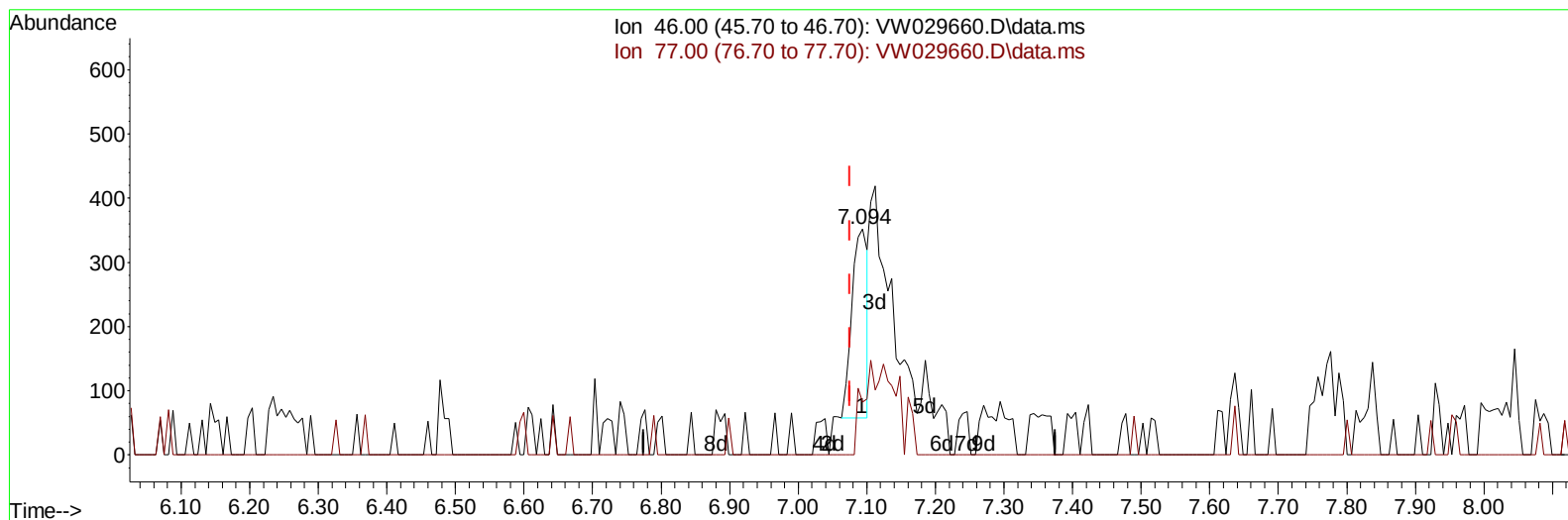
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
Data File : VW029660.D  
Acq On : 19 Jul 2024 16:45  
Operator : SY/MD  
Sample : P3263-16 RE  
Misc : 5.11g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CK4RE

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/22/2024  
Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 19 23:22:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 19 23:16:32 2024  
Response via : Initial Calibration



TIC: VW029660.D\data.ms

## (21) 2-Butanone-d5 (S)

7.094min (+ 0.018) 0.54 ug/L

response 457

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 21.10  | 14.88  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

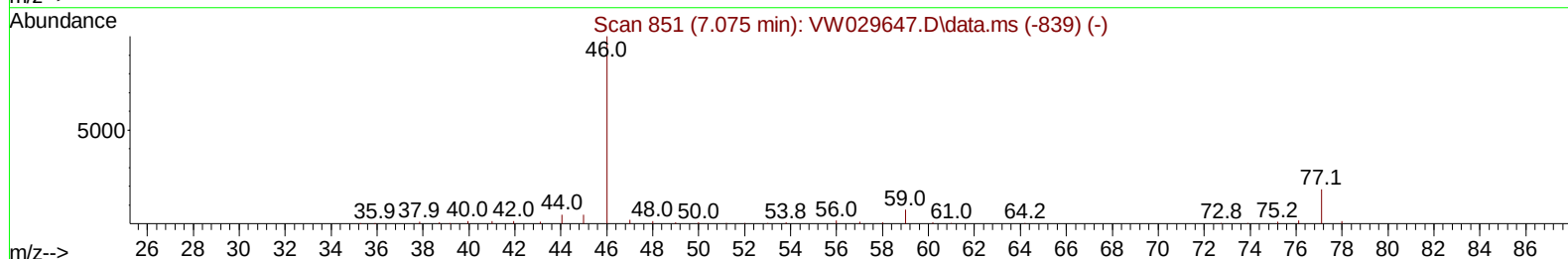
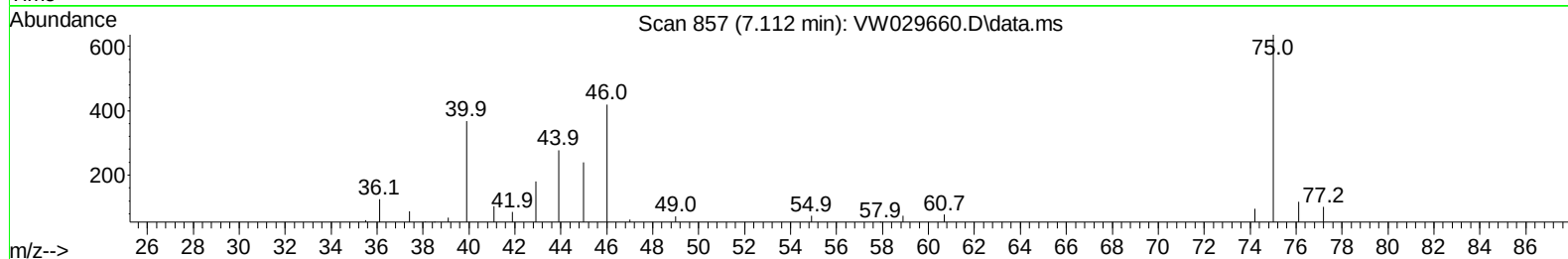
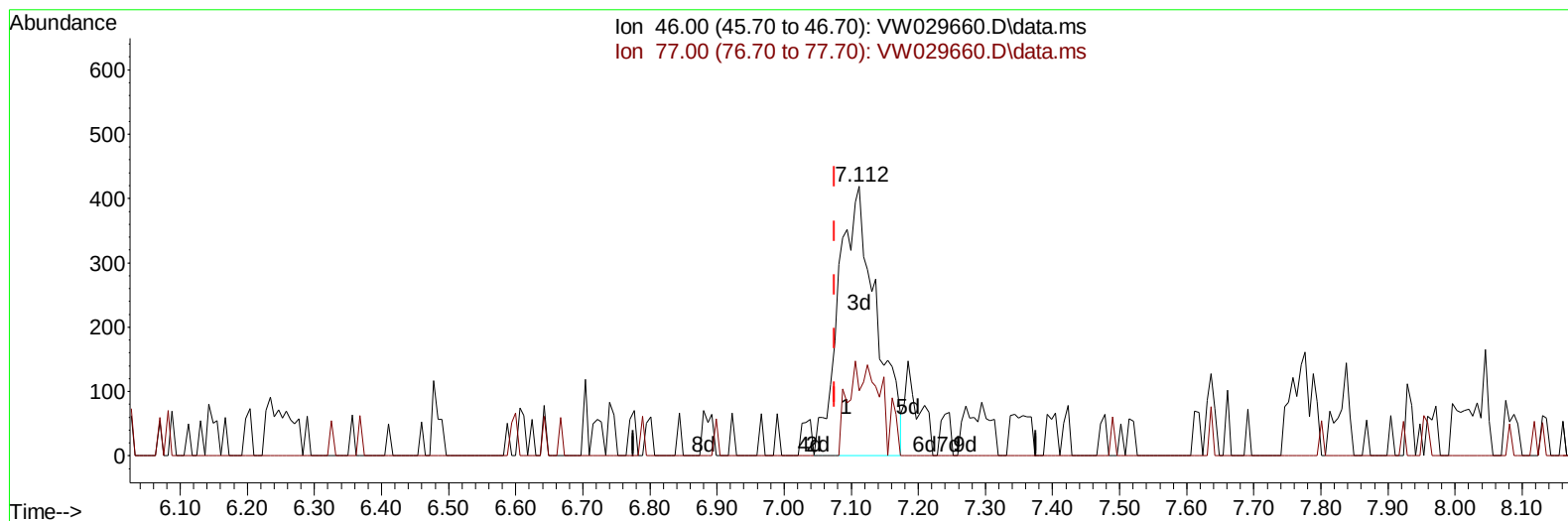
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TIC: VW029660.D\data.ms

(21) 2-Butanone-d5 (S)

7.112min (+ 0.037) 1.94 ug/L m

response 1639

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 21.10  | 4.15#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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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   | 174611   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 76965    | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550   | 152   | 15643    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    | 46847    | 16.608 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 66.440%   |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 41261    | 20.315 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 81.280%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    | 20044    | 15.824 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 63.280%   |          |
| 21) 2-Butanone-d5             | 7.112    | 46    | 1639m    | 1.936  | ug/L      | 0.04     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 3.880%#   |          |
| 24) Chloroform-d              | 7.648    | 84    | 95516    | 18.922 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 75.680%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 51256    | 17.311 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 69.240%#  |          |
| 32) Benzene-d6                | 8.276    | 84    | 158065   | 34.283 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 137.120%# |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 62987    | 42.727 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 170.920%# |          |
| 41) Toluene-d8                | 10.319   | 98    | 83815    | 20.670 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 82.680%   |          |
| 43) trans-1,3-Dichloroprop... | 10.581   | 79    | 3069     | 4.916  | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 19.680%#  |          |
| 47) 2-Hexanone-d5             | 10.928   | 63    | 1055     | 3.938  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 7.880%#   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 31778    | 26.550 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 106.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   | 9136     | 16.770 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 67.080%#  |          |
| Target Compounds              |          |       |          |        |           |          |
|                               |          |       |          |        |           | Qvalue   |
| 16) Methylene chloride        | 4.917    | 84    | 14291    | 4.572  | ug/L      | 99       |
| 42) Toluene                   | 10.392   | 91    | 3287     | 0.667  | ug/L      | 93       |
| 46) Tetrachloroethene         | 10.855   | 164   | 808      | 0.894  | ug/L      | 88       |
| -----                         |          |       |          |        |           |          |

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

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