

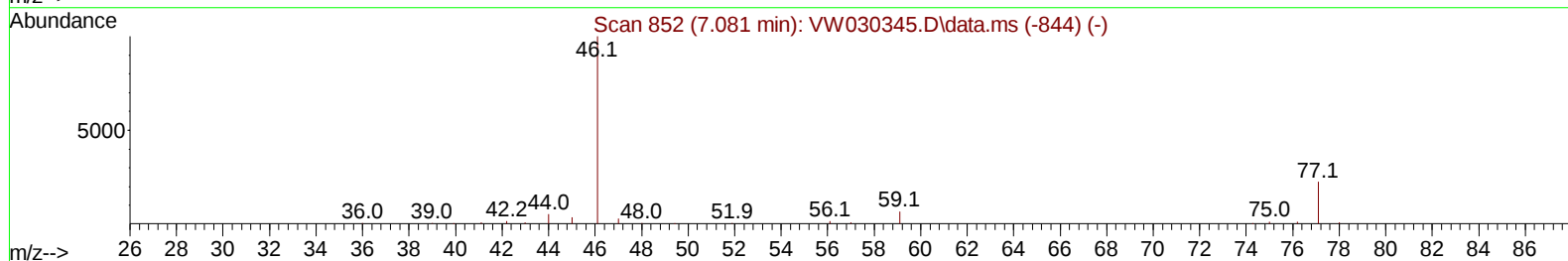
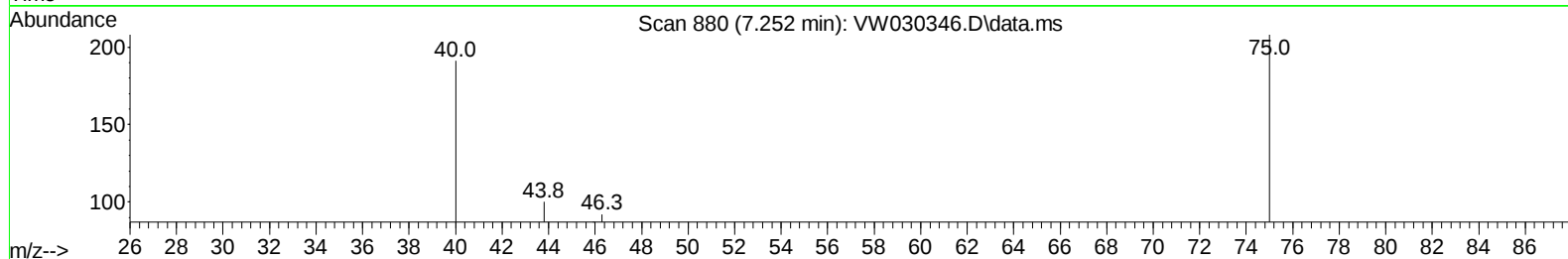
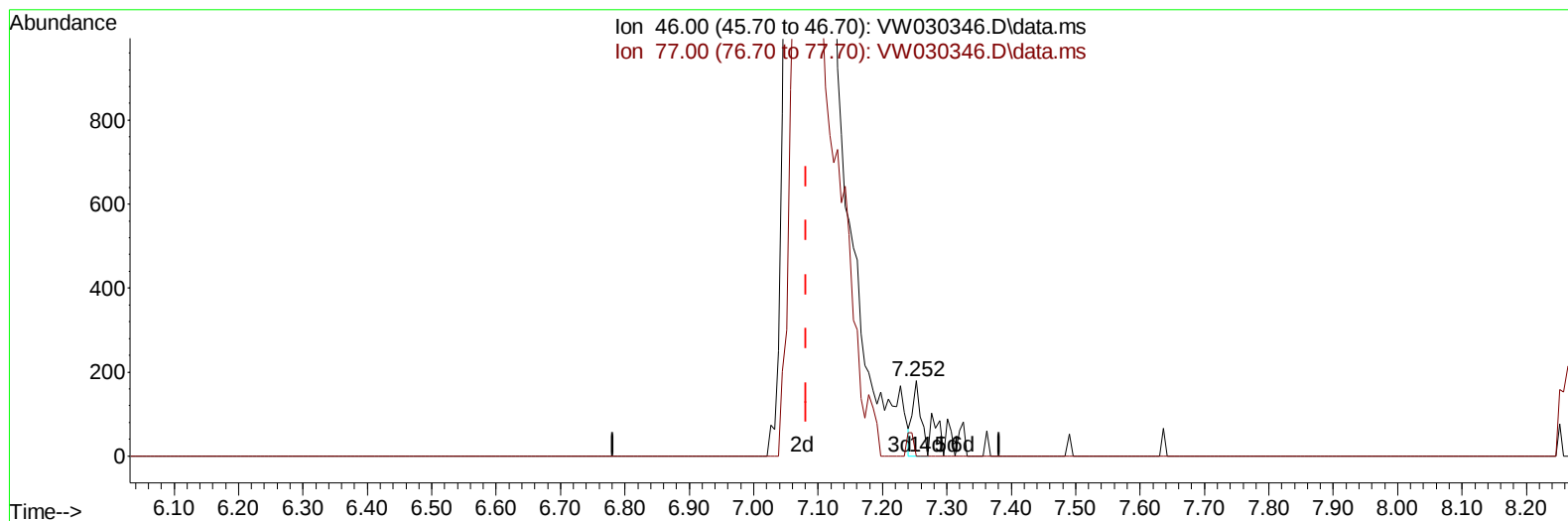
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100224\  
Data File : VW030346.D  
Acq On : 03 Oct 2024 00:28  
Operator : SY/MD  
Sample : VW1002SBL02  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK562

Manual IntegrationsAPPROVED

Quant Time: Oct 03 05:11:51 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092724SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Oct 03 05:10:23 2024  
Response via : Initial Calibration

Reviewed By :Romaben Patel 10/03/2024  
Supervised By :Semsettin Yesilyurt 10/03/2024



TIC: VW030346.D\data.ms

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

7.252min (+ 0.171) 0.30 ug/L

response 160

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.60  | 25.62  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

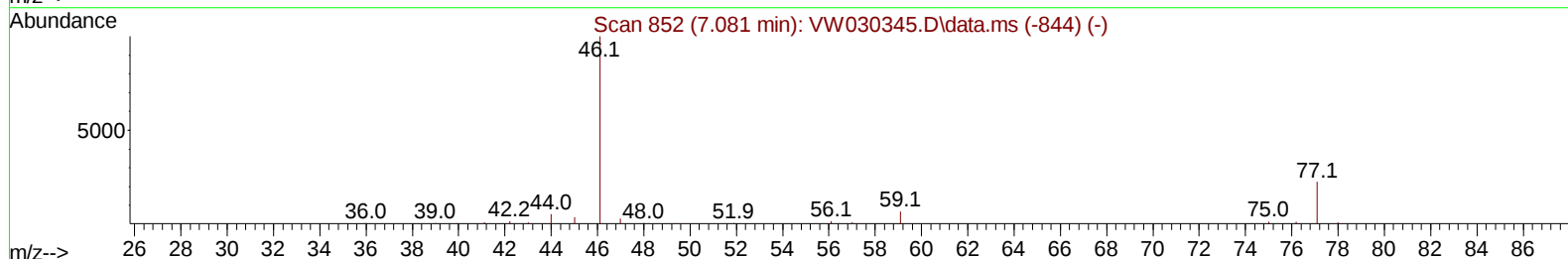
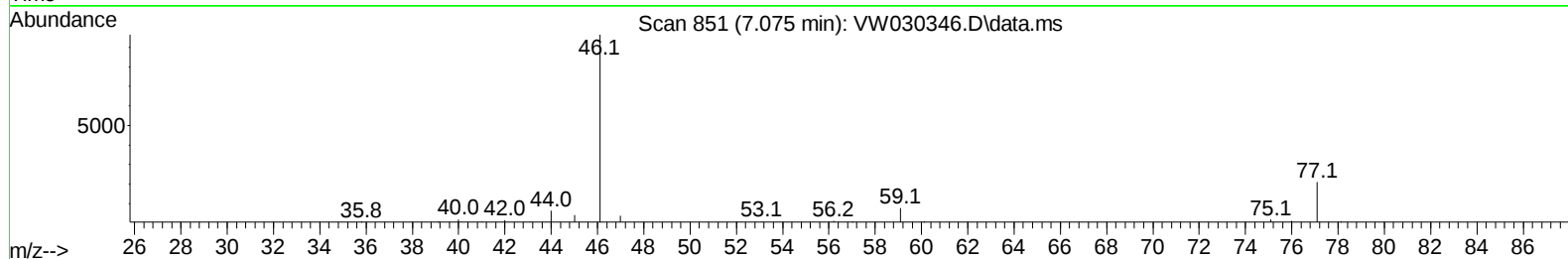
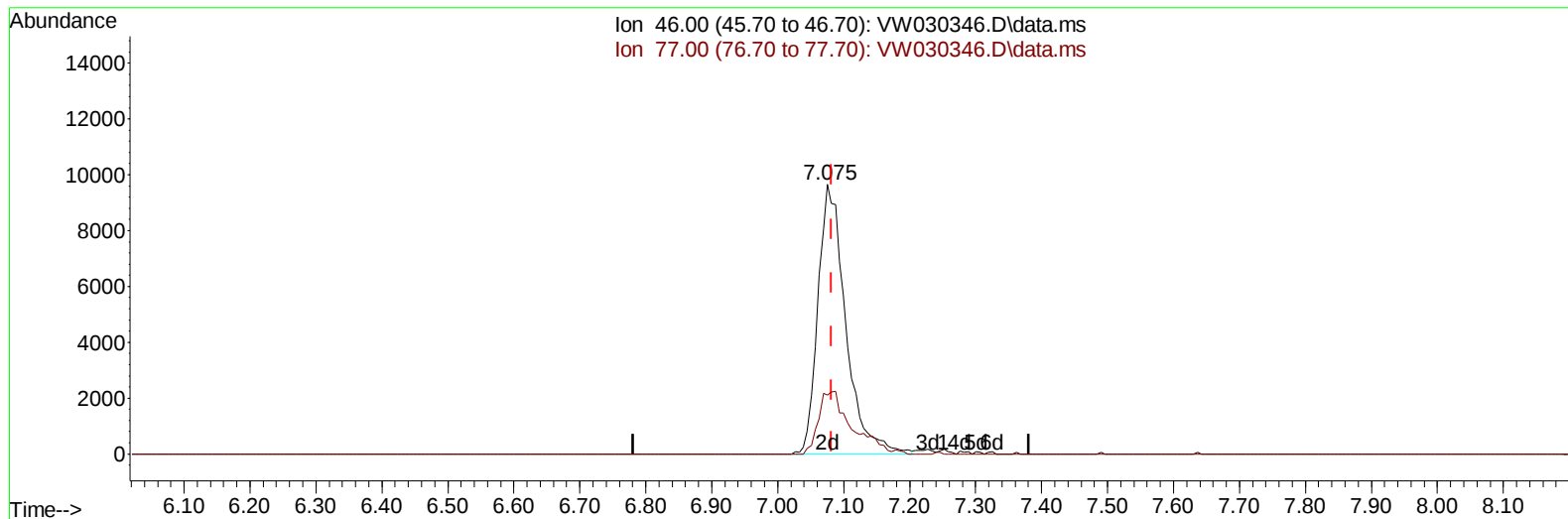
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TIC: VW030346.D\data.ms

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

7.075min (-0.006) 52.20 ug/L m

response 28113

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.60  | 0.15#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 03 05:10:23 2024  
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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|-------|----------|
| -----                         |          |       |     |            |          |       |          |
| Internal Standards            |          |       |     |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 171372     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 163994     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 73468      | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 36260      | 27.077   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 108.320% |       |          |
| 7) Chloroethane-d5            | 2.905    | 69    |     | 29129      | 29.896   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 119.600% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    |     | 21896      | 22.400   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 89.600%  |       |          |
| 21) 2-Butanone-d5             | 7.075    | 46    |     | 28113m     | 52.203   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 104.400% |       |          |
| 24) Chloroform-d              | 7.655    | 84    |     | 105445     | 22.903   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 91.600%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.313    | 65    |     | 59251      | 24.657   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 98.640%  |       |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 202770     | 22.061   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 88.240%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 64703      | 23.405   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 93.640%  |       |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 182678     | 21.675   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 86.680%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.581   | 79    |     | 24926      | 21.678   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 86.720%  |       |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 21568      | 47.247   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 94.500%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 47848      | 23.163   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 92.640%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   |     | 57816      | 23.703   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 94.800%  |       |          |

Target Compounds Qvalue

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

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