

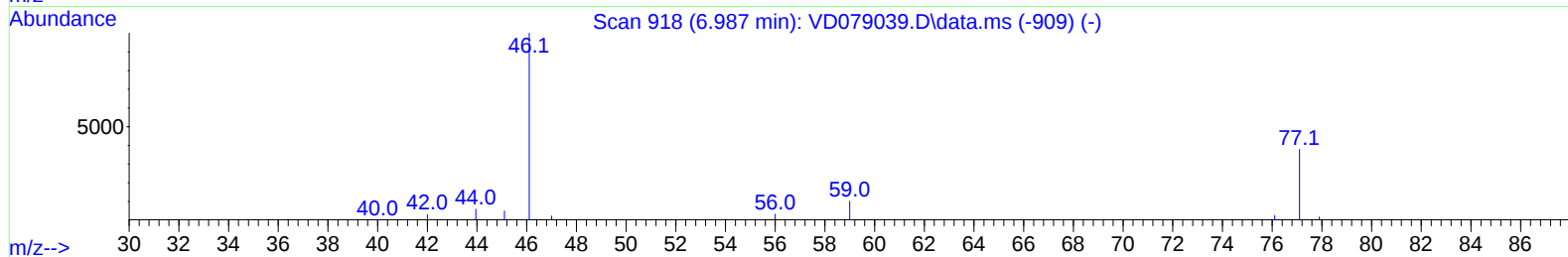
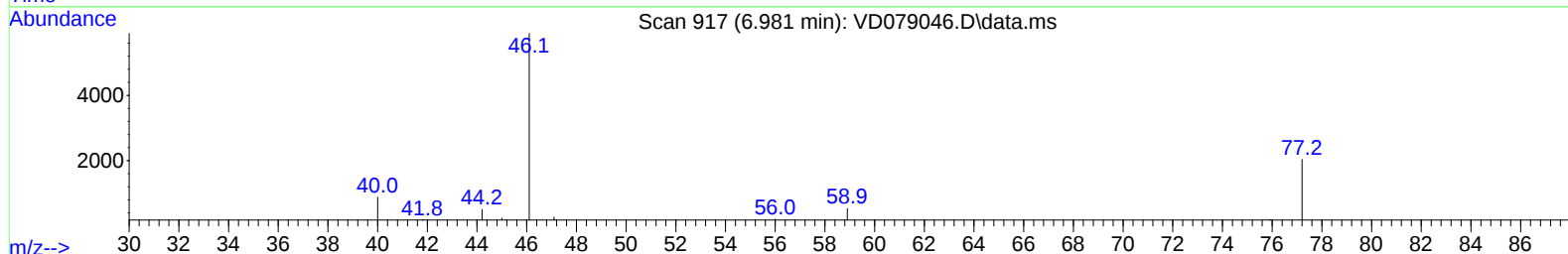
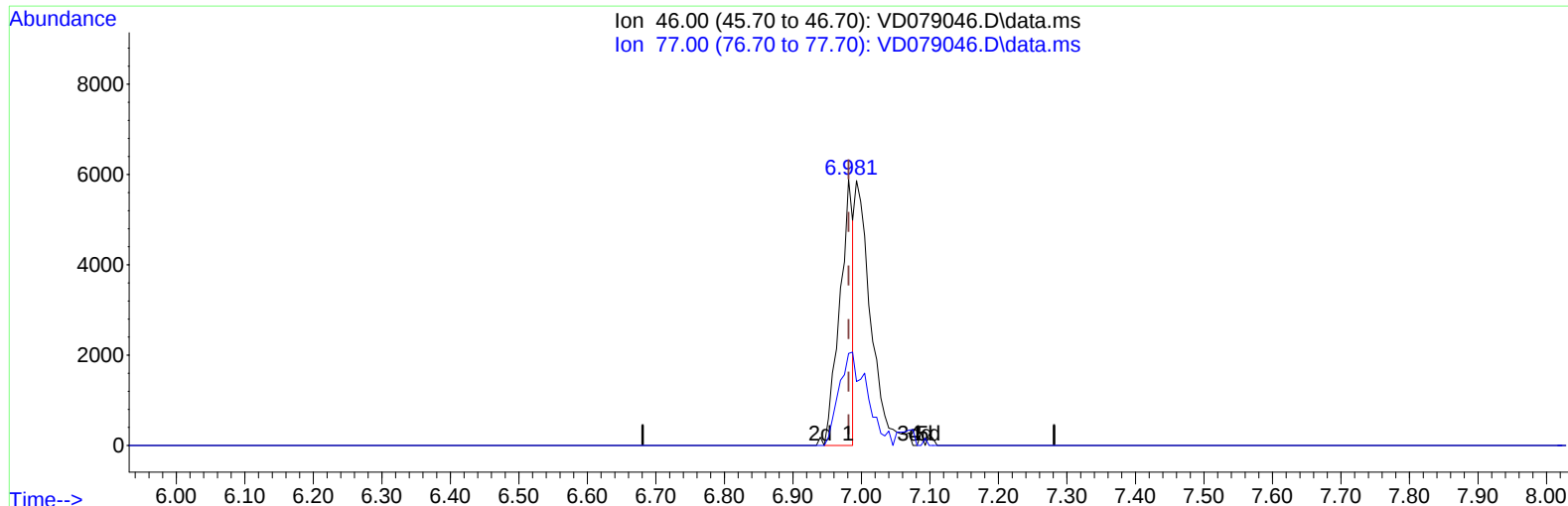
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052824\  
Data File : VD079046.D  
Acq On : 28 May 2024 13:38  
Operator : RP/MD  
Sample : P2589-16  
Misc : 5.05G/10ml/MSVOA\_D/SOIL/B  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
BH6D0

Manual IntegrationsAPPROVED

Quant Time: May 29 01:34:10 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri May 24 02:12:30 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 05/30/2024  
Supervised By :Semsettin Yesilyurt 05/30/2024



TIC: VD079046.D\data.ms

(21) 2-Butanone-d5 (S)

6.981min (+ 0.000) 10.43 ug/L

response 8037

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 29.20  | 45.33# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

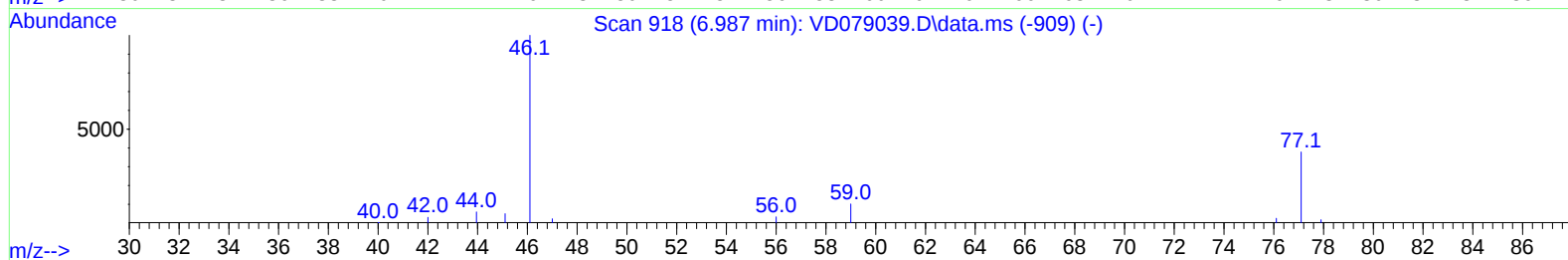
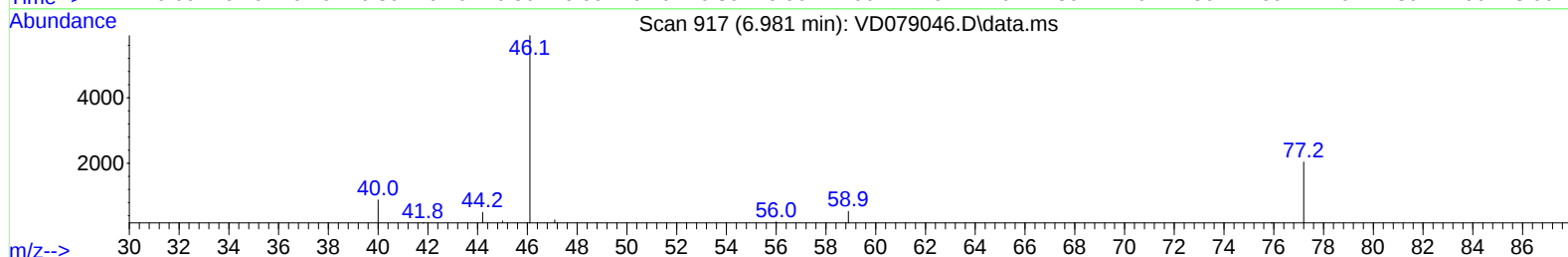
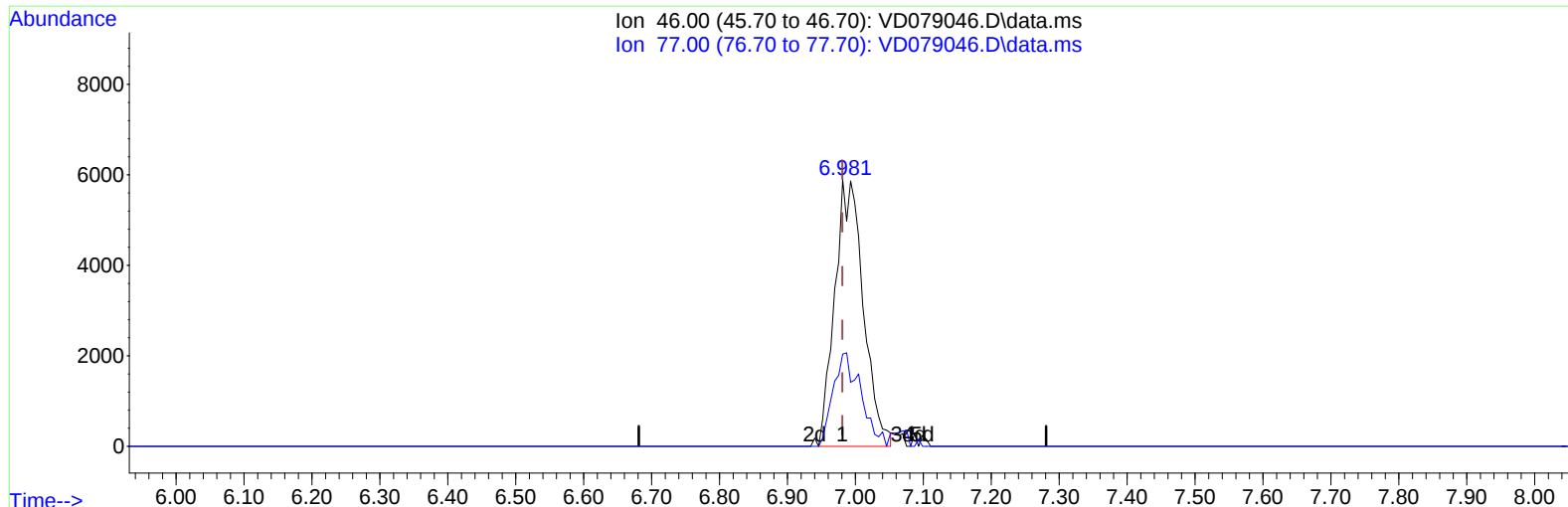
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TIC: VD079046.D\data.ms

(21) 2-Butanone-d5 (S)

6.981min (+ 0.000) 22.33 ug/L m

response 17209

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 29.20  | 21.17  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: May 29 01:34:10 2024  
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 Quant Title : SFAM01.0  
 QLast Update : Fri May 24 02:12:30 2024  
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| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 222116     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 212513     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 76691      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.276          | 65   | 111609     | 20.497   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.000%  |       |          |
| 7) Chloroethane-d5            | 2.805          | 69   | 122079     | 20.945   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.760%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 3.917          | 65   | 20011      | 18.840   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 75.360%  |       |          |
| 21) 2-Butanone-d5             | 6.981          | 46   | 17209m     | 22.329   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 44.660%  |       |          |
| 24) Chloroform-d              | 7.569          | 84   | 96681      | 14.621   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 58.480%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 53321      | 16.980   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 67.920%# |       |          |
| 32) Benzene-d6                | 8.205          | 84   | 211824     | 19.535   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 78.120%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 63560      | 19.238   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 76.960%  |       |          |
| 41) Toluene-d8                | 10.269         | 98   | 183883     | 18.397   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 73.600%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 24882      | 16.349   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 65.400%  |       |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 15380      | 23.227   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 46.460%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.646         | 84   | 52687      | 14.018   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 56.080%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 49342      | 18.956   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 75.840%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 16) Methylene chloride        | 4.805          | 84   | 15016      | 2.854    | ug/L  | 98       |
| 25) Chloroform                | 7.599          | 83   | 12285      | 1.556    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

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