

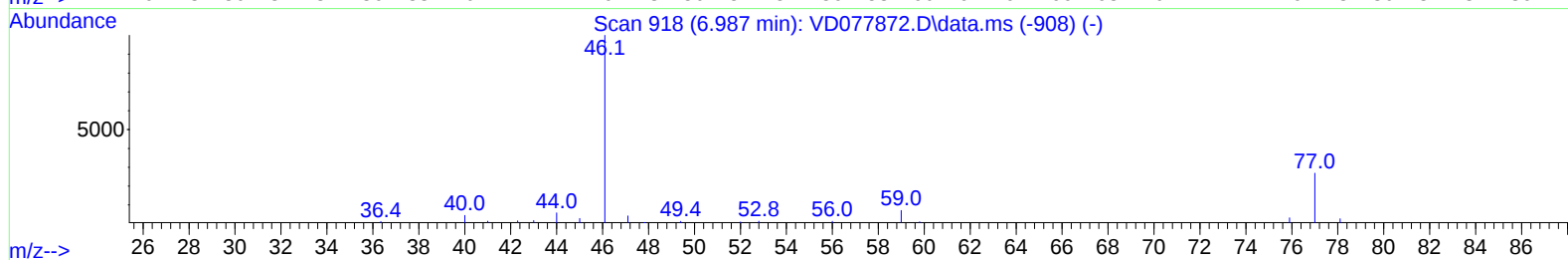
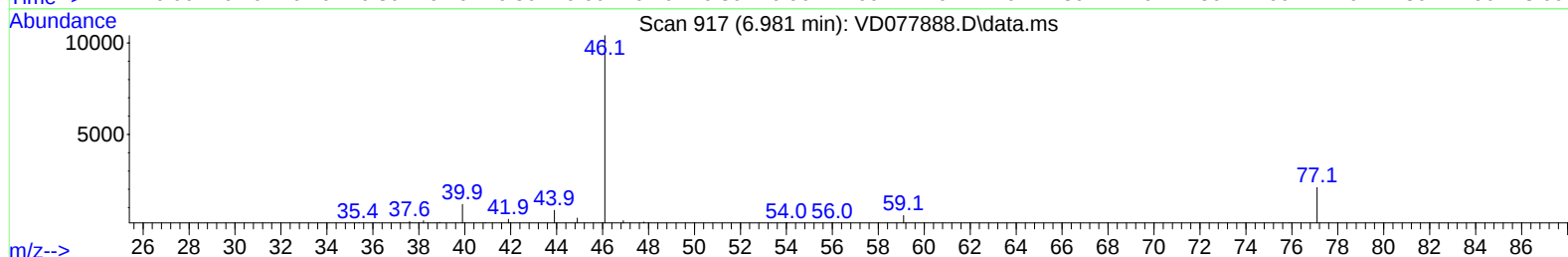
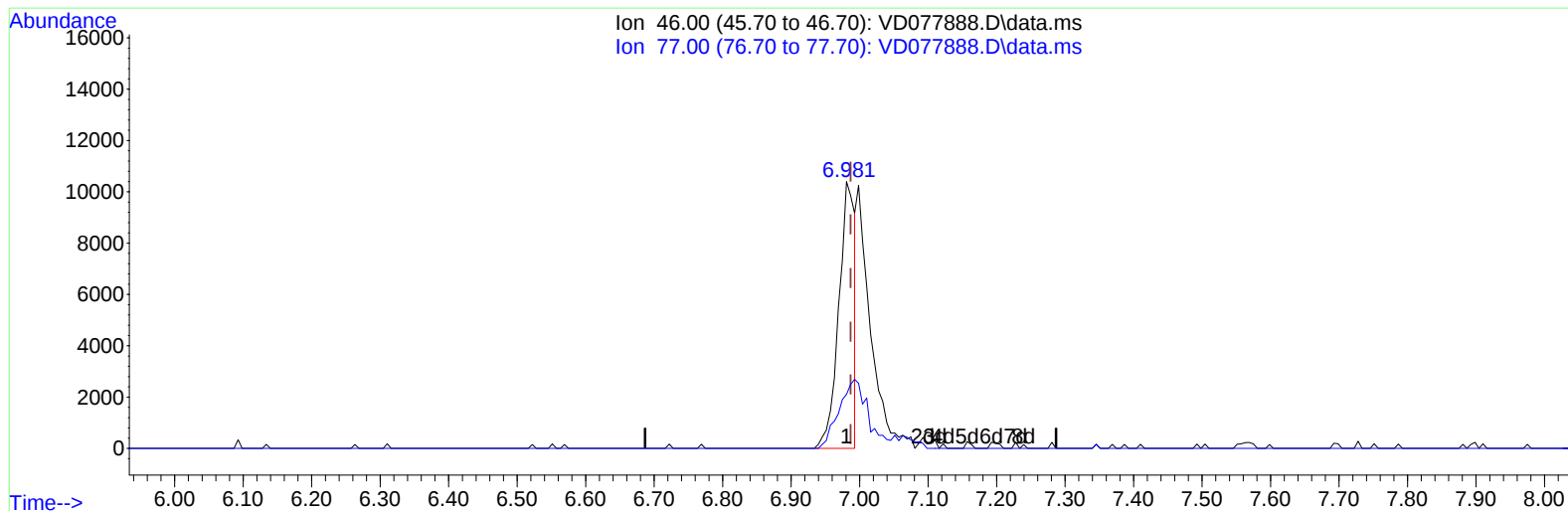
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121423\  
 Data File : VD077888.D  
 Acq On : 14 Dec 2023 17:22  
 Operator : RP/MD  
 Sample : 05788-16  
 Misc : 4.84G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCLP6

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/15/2023  
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 15 07:14:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 06 00:24:24 2023  
 Response via : Initial Calibration



TIC: VD077888.D\data.ms

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

6.981min (-0.006) 15.42 ug/L

response 16865

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.10  | 41.51# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

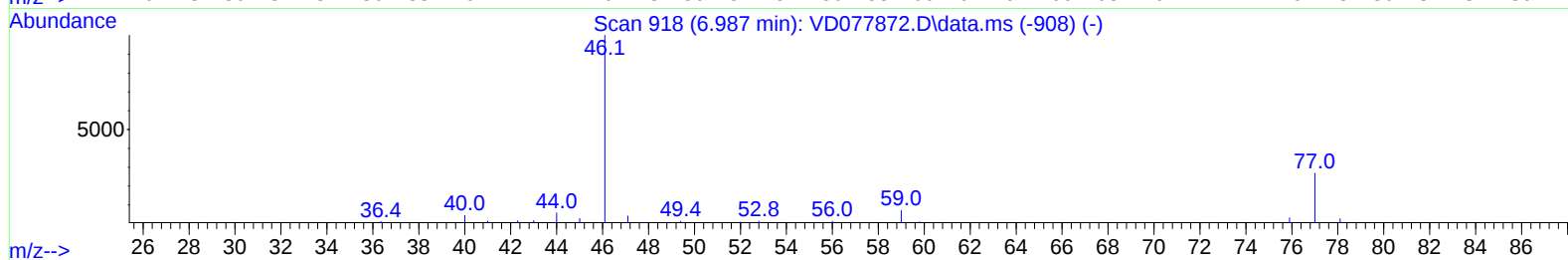
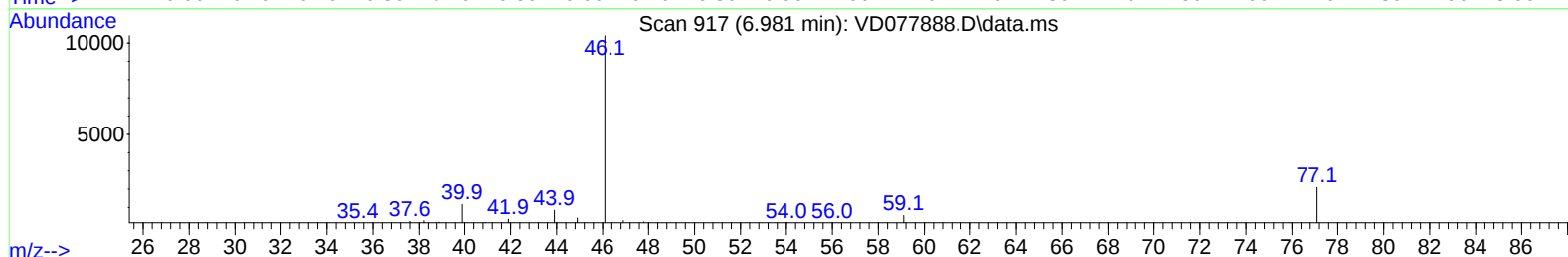
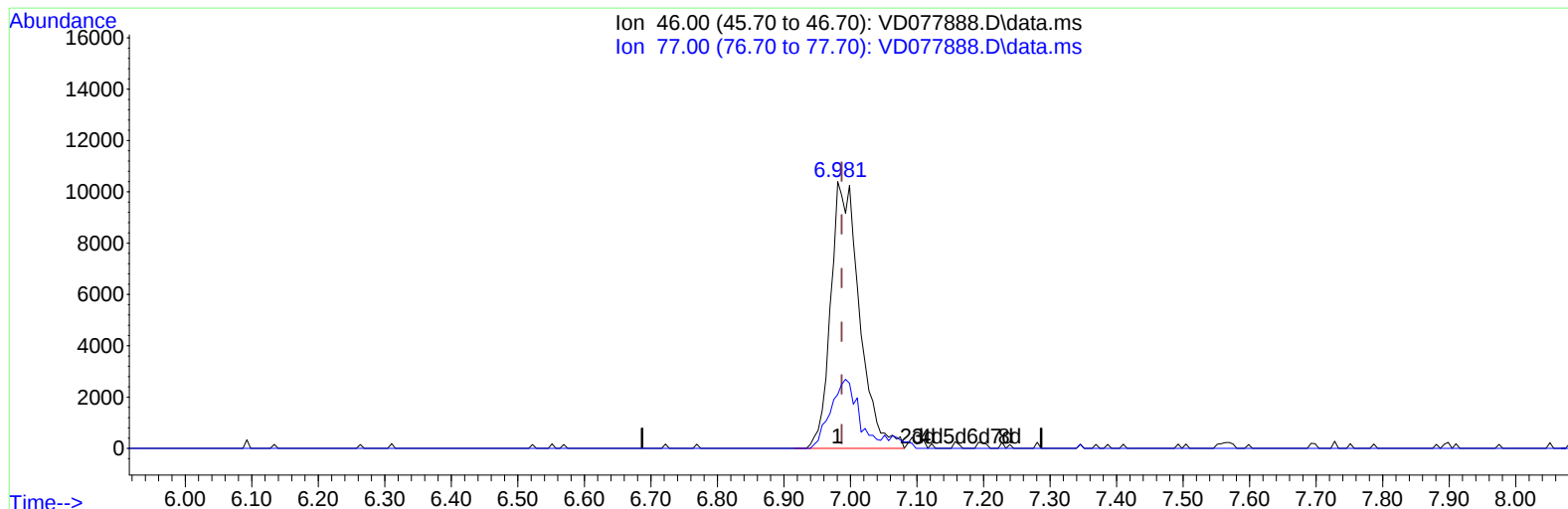
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TIC: VD077888.D\data.ms

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

6.981min (-0.006) 28.48 ug/L m

response 31151

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.10  | 22.47  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 ClientSampleId :  
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| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 317307     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.586         | 117  | 291803     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 118252     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.281          | 65   | 163180     | 18.858  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 75.440% |       |          |
| 7) Chloroethane-d5            | 2.810          | 69   | 148130     | 21.477  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 85.920% |       |          |
| 11) 1,1-Dichloroethene-d2     | 3.922          | 65   | 40815      | 18.191  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 72.760% |       |          |
| 21) 2-Butanone-d5             | 6.981          | 46   | 31151m     | 28.484  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 56.960% |       |          |
| 24) Chloroform-d              | 7.575          | 84   | 189014     | 22.102  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.400% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 87476      | 20.188  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 80.760% |       |          |
| 32) Benzene-d6                | 8.204          | 84   | 402441     | 22.899  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 91.600% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 116218     | 21.674  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 86.680% |       |          |
| 41) Toluene-d8                | 10.269         | 98   | 369454     | 22.839  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 91.360% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 44723      | 18.861  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 75.440% |       |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 25179      | 27.250  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 54.500% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 64441      | 16.631  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 66.520% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 96471      | 22.804  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 91.200% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.810          | 84   | 10421      | 1.850   | ug/L  | 87       |
| -----                         |                |      |            |         |       |          |

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

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