

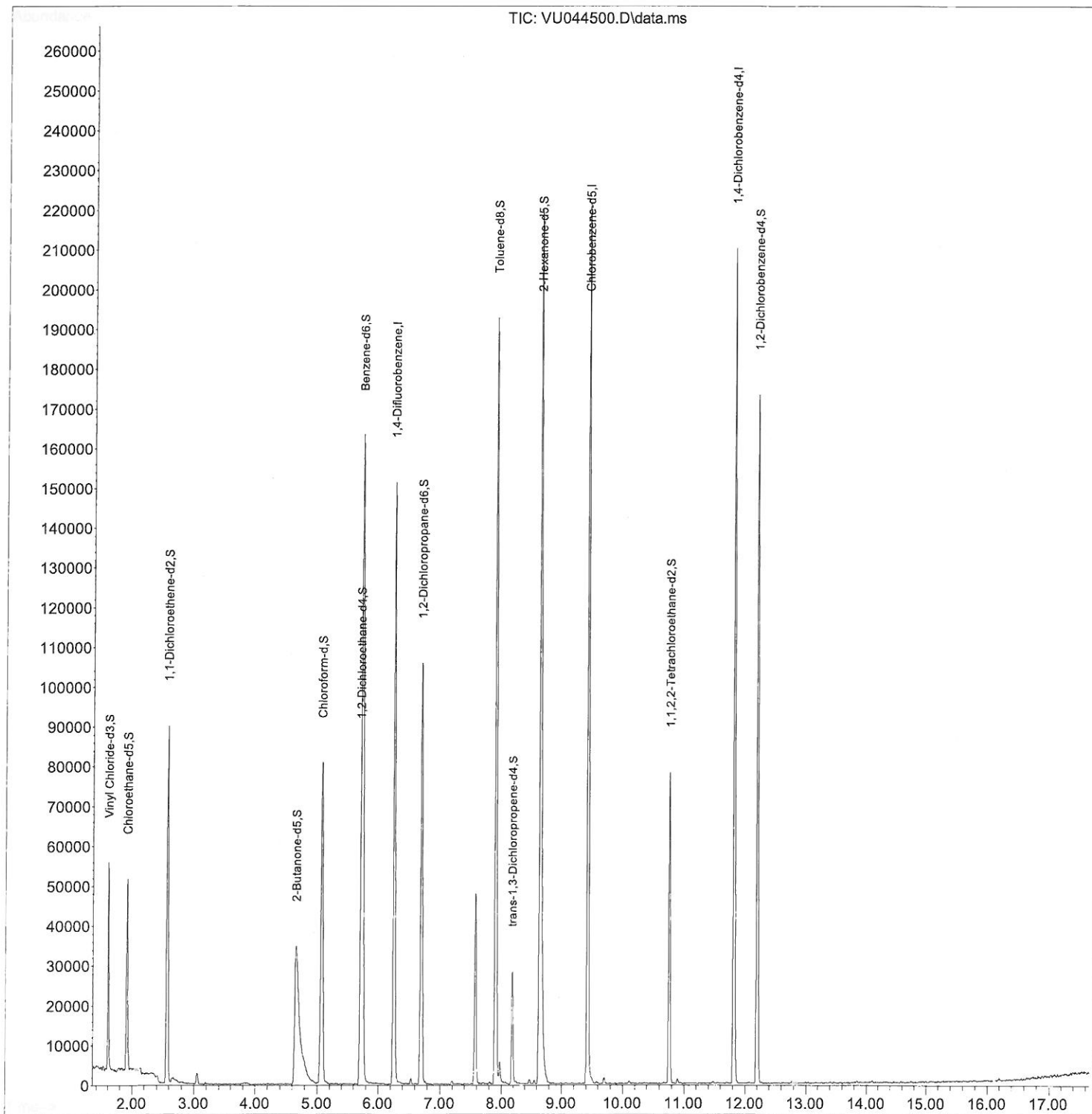
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082321\  
Data File : VU044500.D  
Acq On : 23 Aug 2021 14:16  
Operator : SY/MD  
Sample : M3515-07  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
H4559

Manual Integrations  
APPROVED

SAM  
8/24/2021 11:21:02 AM

Quant Time: Aug 24 03:59:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Aug 24 03:56:17 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

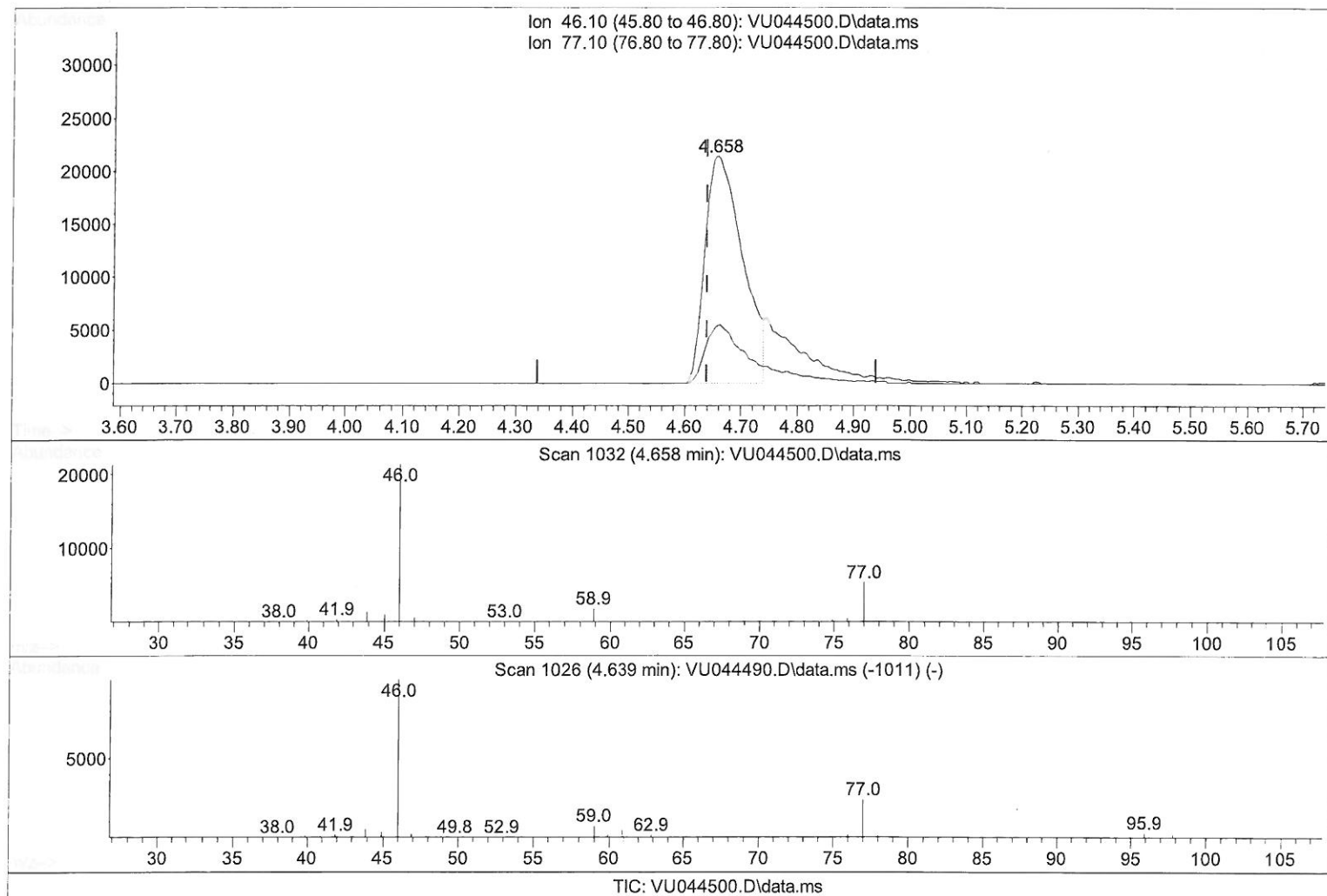
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(20) 2-Butanone-d5 (S)

4.658min (+ 0.019) 36.89 ug/L

response 98671

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 25.00  | 27.50  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 Sample : M3515-07  
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 ALS Vial : 13 Sample Multiplier: 1

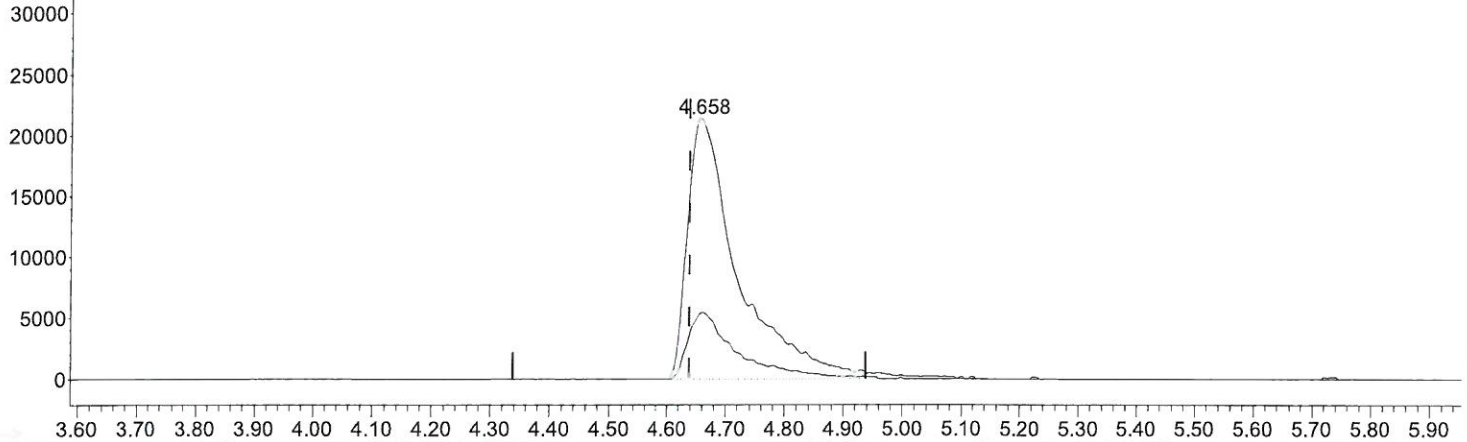
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4559

Manual Integrations  
 APPROVED

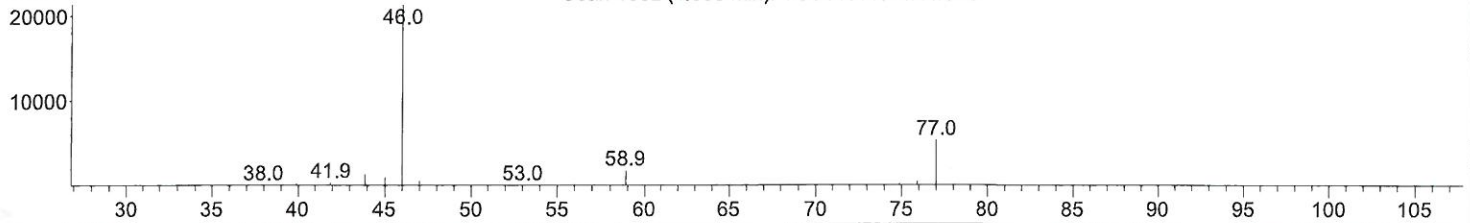
SAM  
 8/24/2021 11:21:02 AM

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 Quant Title : TRACE VOA SFAM1.0  
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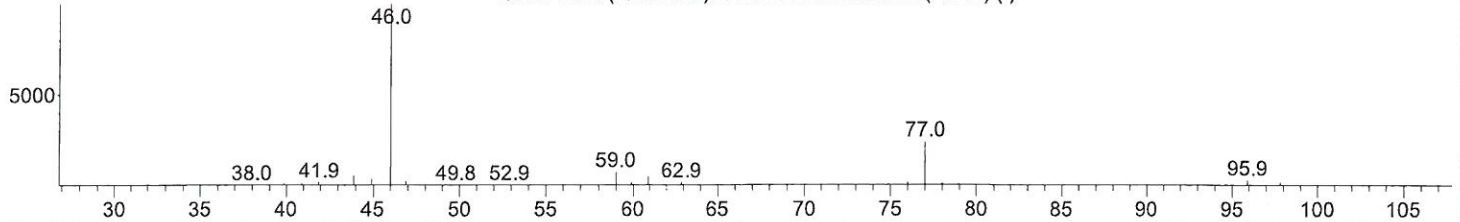
Ion 46.10 (45.80 to 46.80): VU044500.D\data.ms  
 Ion 77.10 (76.80 to 77.80): VU044500.D\data.ms



Scan 1032 (4.658 min): VU044500.D\data.ms



Scan 1026 (4.639 min): VU044490.D\data.ms (-1011) (-)



TIC: VU044500.D\data.ms

(20) 2-Butanone-d5 (S)

4.658min (+ 0.019) 47.66 ug/L m

response 127478

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 25.00  | 21.29  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

*Handwritten:* 7mo  
9/7/21

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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

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Quant Time: Aug 24 03:59:35 2021  
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| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.256          | 114  | 119592     | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 119879     | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 52916      | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 36357      | 3.759   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 75.200% |       |          |
| 7) Chloroethane-d5            | 1.916          | 69   | 34896      | 4.151   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 83.000% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.572          | 65   | 17455      | 4.242   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 84.800% |       |          |
| 20) 2-Butanone-d5             | 4.658          | 46   | 127478m    | 47.656  | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 95.320% |       |          |
| 24) Chloroform-d              | 5.073          | 84   | 74763      | 4.371   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 87.400% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.710          | 65   | 42383      | 4.544   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 90.800% |       |          |
| 32) Benzene-d6                | 5.735          | 84   | 150040     | 4.445   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 88.800% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.697          | 67   | 49666      | 4.599   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 92.000% |       |          |
| 41) Toluene-d8                | 7.906          | 98   | 127569     | 4.262   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 85.200% |       |          |
| 43) trans-1,3-Dichloroprop... | 8.185          | 79   | 16300      | 4.203   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 84.000% |       |          |
| 46) 2-Hexanone-d5             | 8.645          | 63   | 102164     | 48.712  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 97.420% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 40378      | 4.439   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 88.800% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 43515      | 4.867   | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 97.400% |       |          |

Target Compounds Qvalue

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