

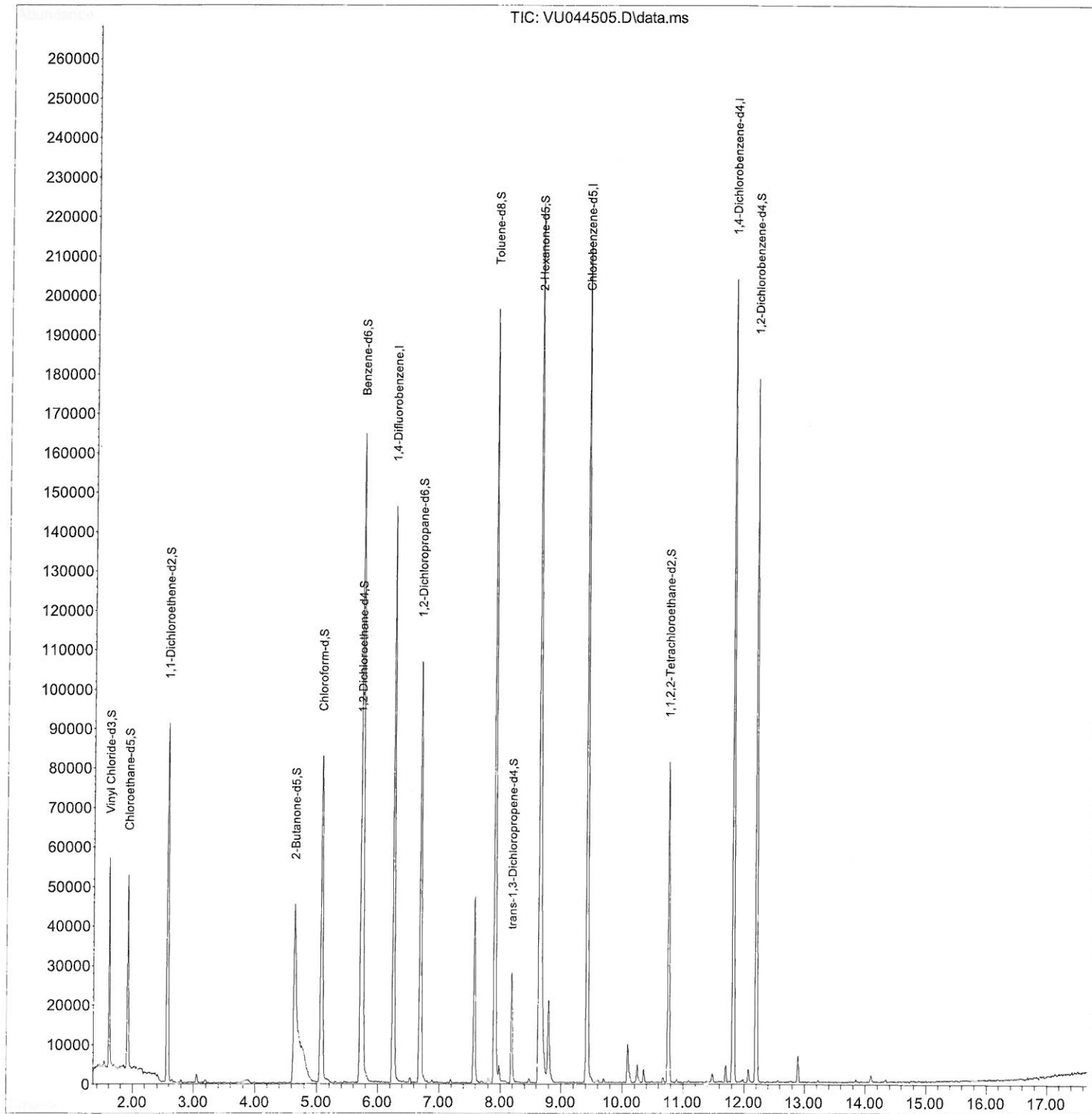
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082321\  
Data File : VU044505.D  
Acq On : 23 Aug 2021 17:06  
Operator : SY/MD  
Sample : M3517-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AD9

Manual Integrations  
APPROVED

SAM  
8/24/2021 11:21:44 AM

Quant Time: Aug 24 06:17:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Aug 24 06:16:49 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082321\  
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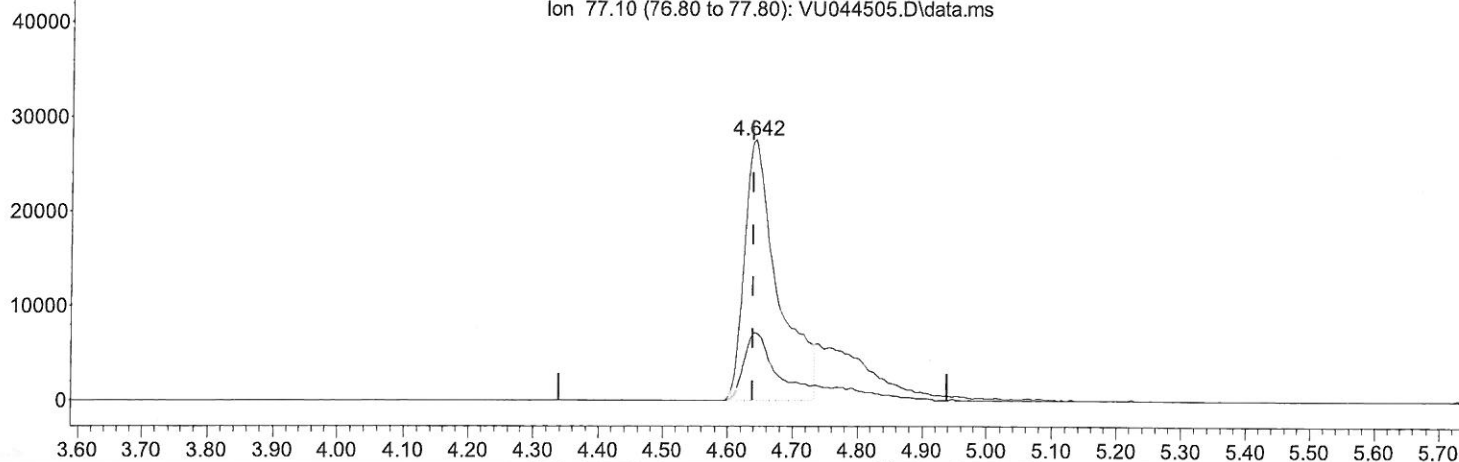
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ClientSampleId :  
C0AD9

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APPROVED

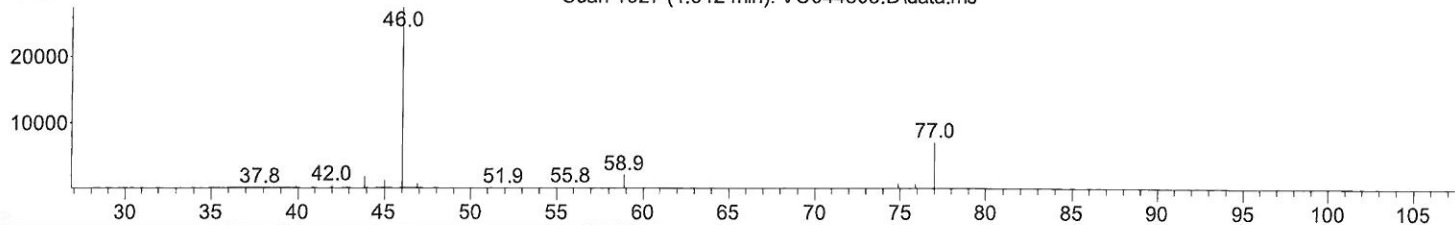
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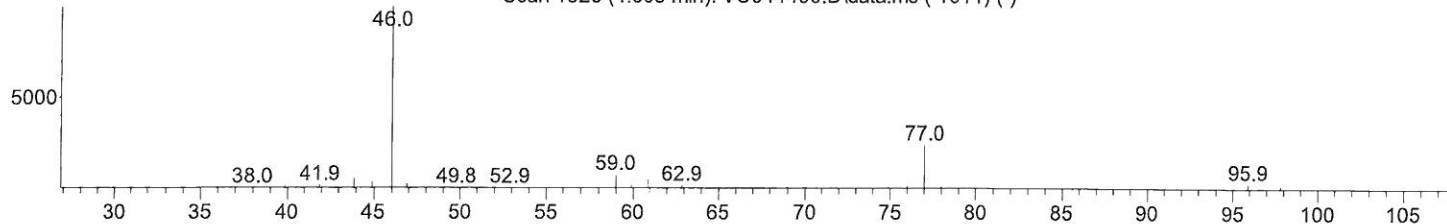
Ion 46.10 (45.80 to 46.80): VU044505.D\data.ms  
Ion 77.10 (76.80 to 77.80): VU044505.D\data.ms



Scan 1027 (4.642 min): VU044505.D\data.ms



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



TIC: VU044505.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.003) 38.13 ug/L

response 98636

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 25.00  | 21.93  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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ALS Vial : 20 Sample Multiplier: 1

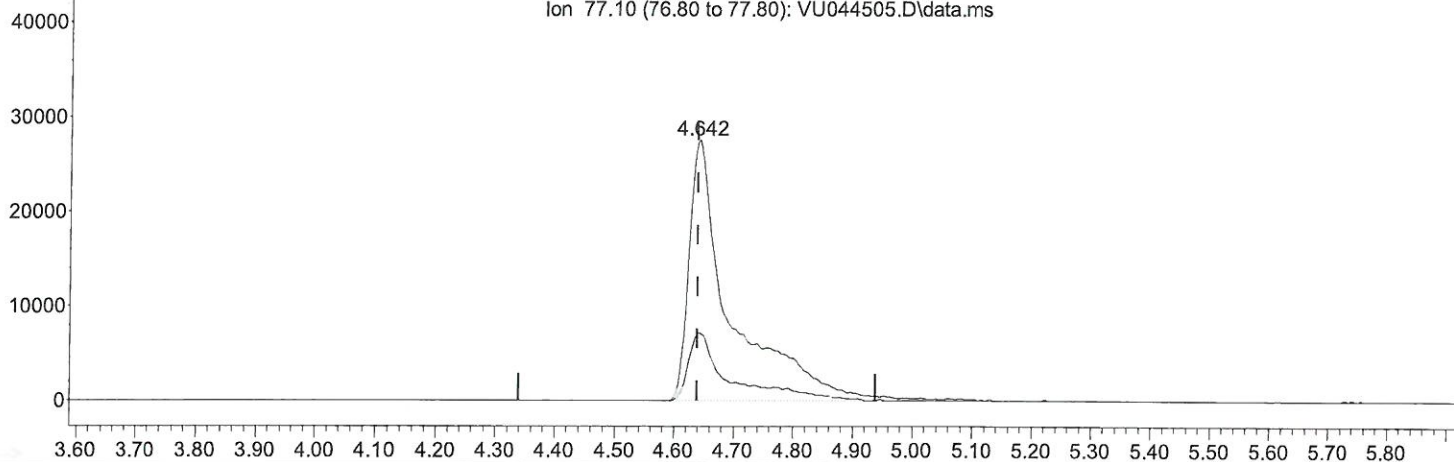
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AD9

Manual Integrations  
APPROVED

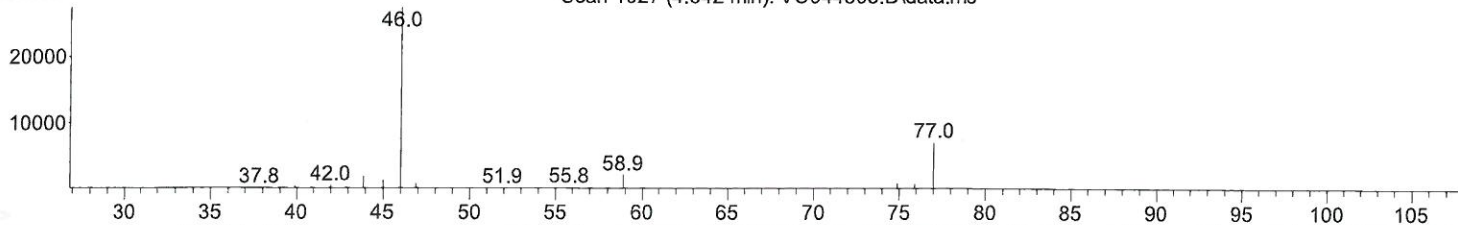
SAM  
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Quant Time: Aug 24 06:17:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
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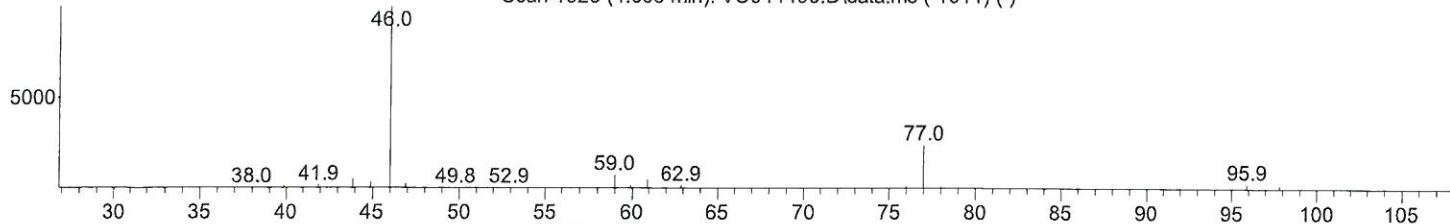
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Ion 77.10 (76.80 to 77.80): VU044505.D\data.ms



Scan 1027 (4.642 min): VU044505.D\data.ms



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



TIC: VU044505.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.003) 51.37 ug/L m

response 132878

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|       |        |        |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
|-------|--------|--------|

|       |       |        |
|-------|-------|--------|
| 77.10 | 25.00 | 16.28# |
|-------|-------|--------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

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 QLast Update : Tue Aug 24 06:16:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114            | 115652   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117            | 115852   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152            | 51406    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 37303    | 3.988  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 79.800%  |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 35348    | 4.348  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 87.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 17605    | 4.425  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 88.400%  |          |
| 20) 2-Butanone-d5             | 4.642  | 46             | 132878m  | 51.367 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 102.740% |          |
| 24) Chloroform-d              | 5.073  | 84             | 75845    | 4.586  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65             | 42653    | 4.729  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.600%  |          |
| 32) Benzene-d6                | 5.735  | 84             | 153099   | 4.693  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67             | 50798    | 4.867  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.400%  |          |
| 41) Toluene-d8                | 7.906  | 98             | 129111   | 4.463  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79             | 16537    | 4.412  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.200%  |          |
| 46) 2-Hexanone-d5             | 8.645  | 63             | 107160   | 52.870 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 105.740% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84             | 41839    | 4.760  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152            | 43812    | 5.044  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.800% |          |

Target Compounds Qvalue

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