

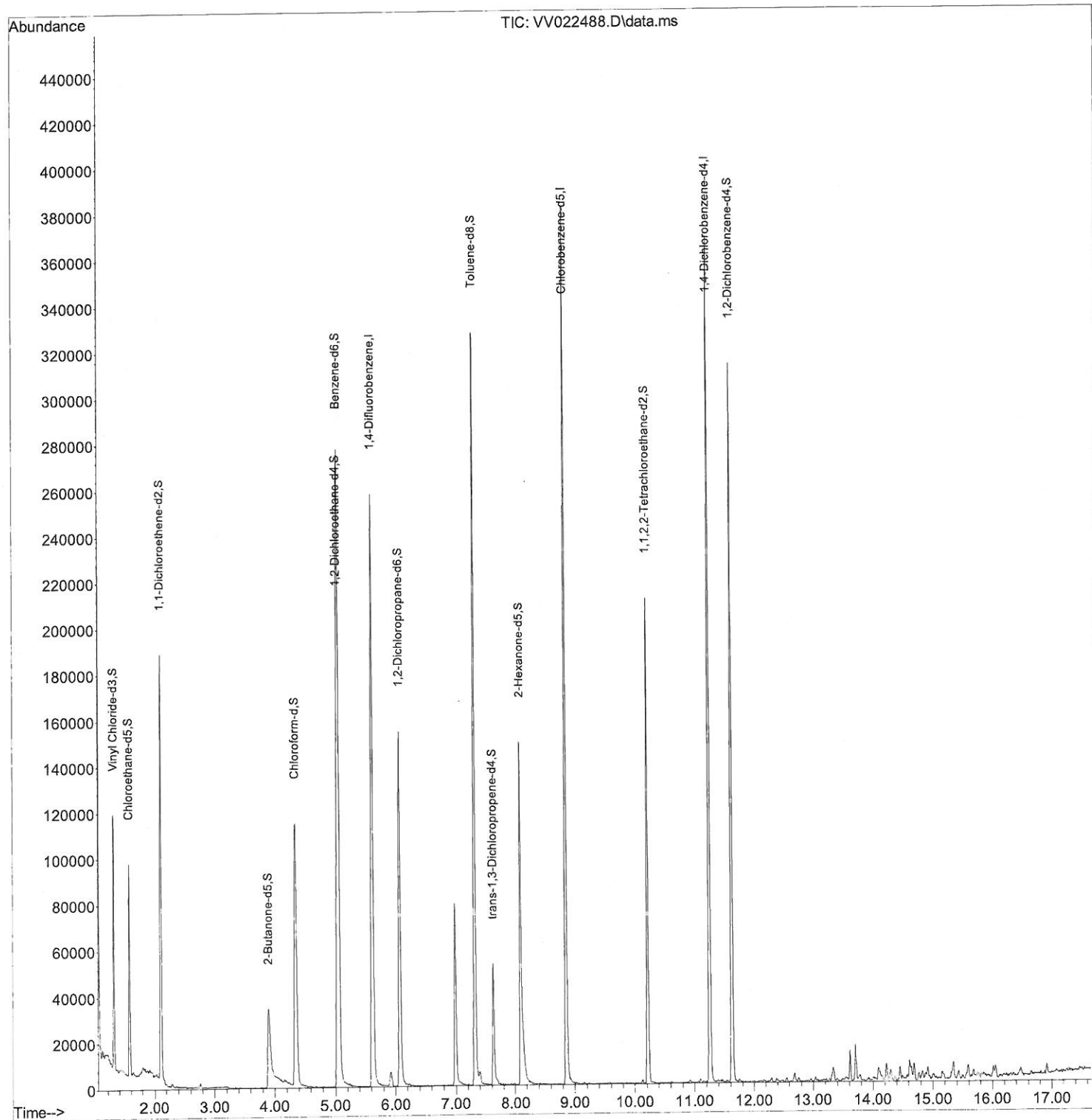
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100121\  
Data File : VV022488.D  
Acq On : 02 Oct 2021 01:40  
Operator : SY/MD  
Sample : M4024-08  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampled :  
C0AJ5

Manual Integrations  
APPROVED

MMDadoda  
10/6/2021 2:24:33 PM

Quant Time: Oct 02 03:33:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Oct 02 01:27:14 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

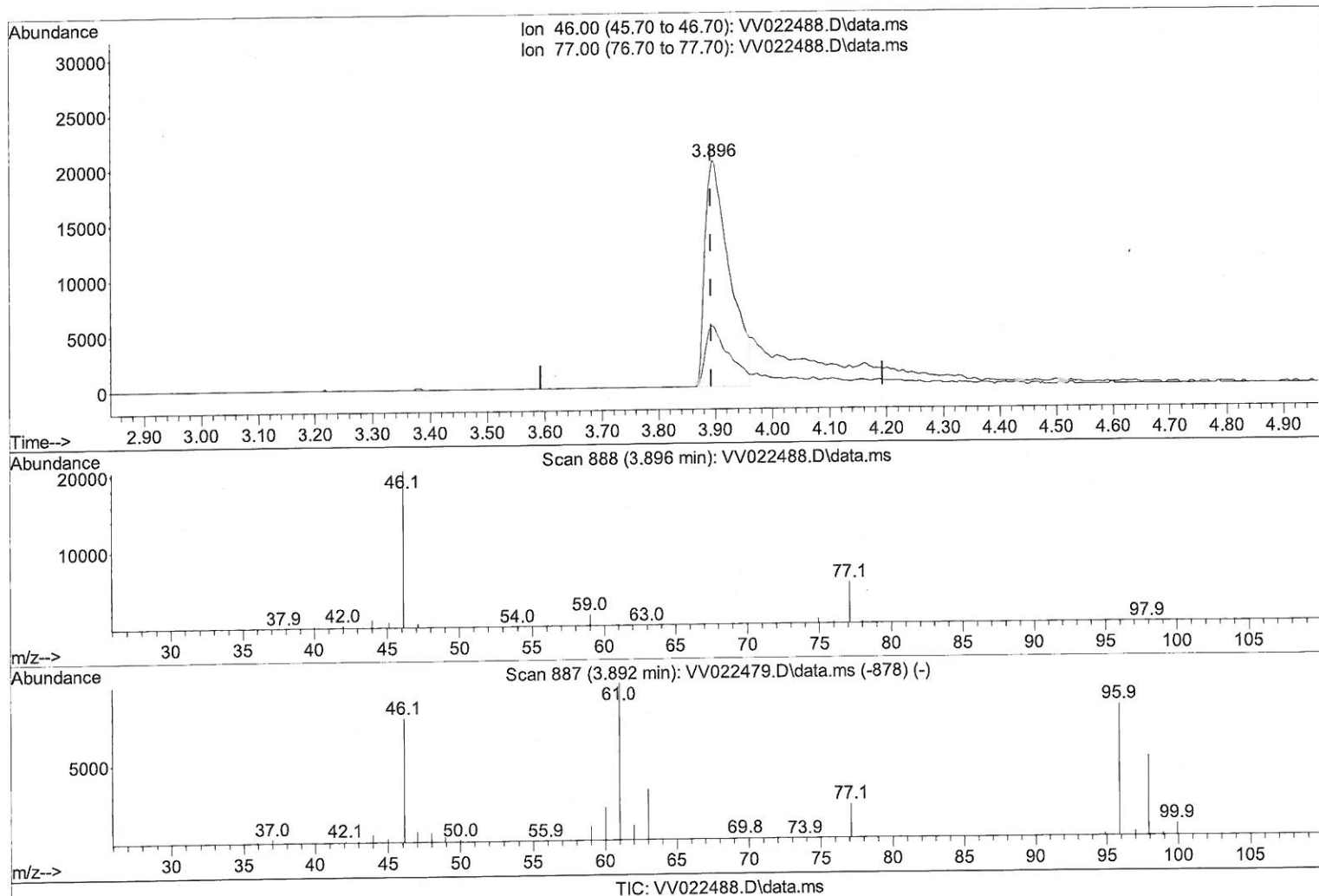
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(21) 2-Butanone-d5 (S)

3.896min (+ 0.003) 78.36 ug/L

response 61470

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.40  | 26.37  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

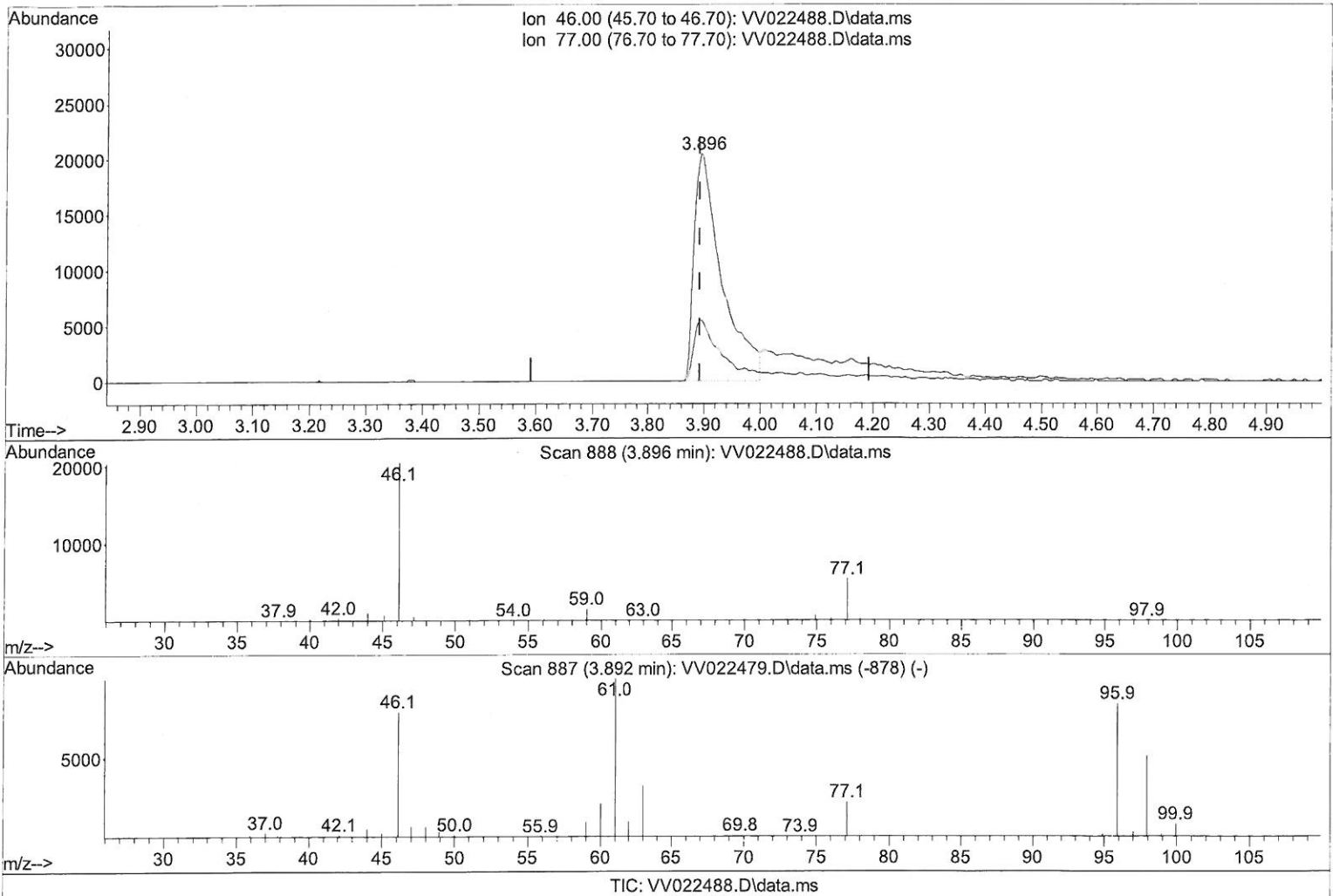
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QLast Update : Sat Oct 02 01:27:14 2021  
Response via : Initial Calibration



(21) 2-Butanone-d5 (S)

3.896min (+ 0.003) 88.48 ug/L m

response 69407

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.40  | 23.35  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
 APPROVED

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 10/6/2021 2:24:33 PM

Quant Time: Oct 02 03:33:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 02 01:27:14 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 230428   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 218119   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 100207   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 65479    | 45.947   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 91.900%  |
| 7) Chloroethane-d5            | 1.568   | 69    | 55462    | 49.510   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 99.020%  |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 94212    | 33.528   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 67.060%  |
| 21) 2-Butanone-d5             | 3.896   | 46    | 69407m   | 88.479   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 88.480%  |
| 24) Chloroform-d              | 4.349   | 84    | 120804   | 46.397   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 74747    | 49.488   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 98.980%  |
| 32) Benzene-d6                | 5.050   | 84    | 245768   | 48.637   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 97.280%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 75653    | 48.633   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 97.260%  |
| 41) Toluene-d8                | 7.317   | 98    | 217340   | 46.890   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 93.780%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 31756    | 43.147   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 86.300%  |
| 47) 2-Hexanone-d5             | 8.092   | 63    | 61780    | 95.871   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 95.870%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 101516   | 46.931   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 93.860%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 84076    | 51.450   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 102.900% |

MD  
 10/19/21

Target Compounds Qvalue

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