

# Quantitation Report (Qedit)

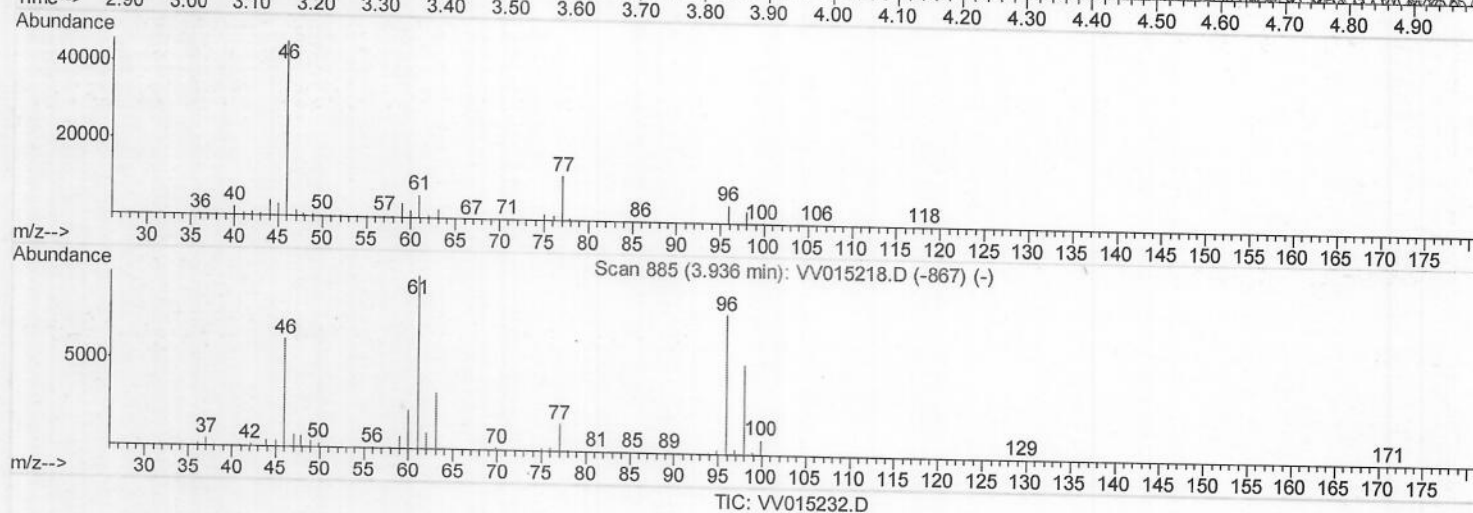
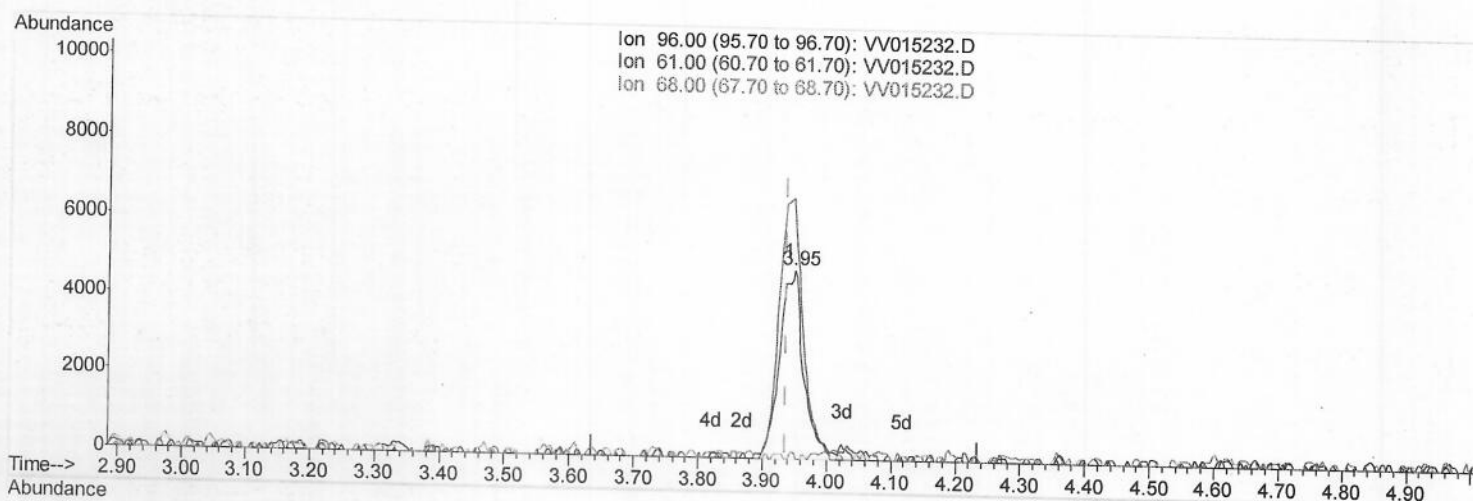
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV032720\  
 Data File : VV015232.D  
 Acq On : 28 Mar 2020 07:58  
 Operator : SY/MD  
 Sample : L1976-21  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 ETTK6

Manual Integrations  
 APPROVED

apatel  
 3/31/2020 9:23:52 AM

Quant Time: Mar 28 09:14:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032720WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 28 05:21:13 2020  
 Response via : Initial Calibration



(20) cis-1,2-Dichloroethene (T)

3.949min (+0.013) 2.76ug/L m

response 12561

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 124.60 | 127.69 |
| 68.00 | 0.20   | 2.99#  |
| 0.00  | 0.00   | 0.00   |

SY  
 03/31/2020

Quantitation Report (QT Reviewed)

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Quant Time: Mar 30 01:41:13 2020  
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| Internal Standards             | R.T.           | QIon | Response   | Conc    | Units | Dev(Min)  |
|--------------------------------|----------------|------|------------|---------|-------|-----------|
| 1) 1,4-Difluorobenzene         | 5.64           | 114  | 590653     | 50.00   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5           | 8.87           | 117  | 558439     | 50.00   | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4     | 11.27          | 152  | 237777     | 50.00   | ug/L  | 0.00      |
| System Monitoring Compounds    |                |      |            |         |       |           |
| 4) Vinyl Chloride-d3           | 1.31           | 65   | 123296     | 51.45   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 60 - 135 |      | Recovery = | 102.90% |       |           |
| 7) Chloroethane-d5             | 1.58           | 69   | 130256     | 50.70   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 70 - 130 |      | Recovery = | 101.40% |       |           |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63   | 197144     | 32.89   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 65.78%  |       |           |
| 21) 2-Butanone-d5              | 3.94           | 46   | 211853     | 74.62   | ug/L  | 0.00      |
| Spiked Amount 100.000          | Range 40 - 130 |      | Recovery = | 74.62%  |       |           |
| 24) Chloroform-d               | 4.38           | 84   | 273760     | 43.79   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 87.58%  |       |           |
| 26) 1,2-Dichloroethane-d4      | 5.06           | 65   | 184382     | 45.26   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 90.52%  |       |           |
| 32) Benzene-d6                 | 5.08           | 84   | 500733     | 50.92   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 101.84% |       |           |
| 36) 1,2-Dichloropropane-d6     | 6.10           | 67   | 168125     | 45.65   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 70 - 120 |      | Recovery = | 91.30%  |       |           |
| 41) Toluene-d8                 | 7.34           | 98   | 443772     | 51.21   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 102.42% |       |           |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79   | 83189      | 42.27   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 84.54%  |       |           |
| 47) 2-Hexanone-d5              | 8.12           | 63   | 172522     | 81.16   | ug/L  | 0.00      |
| Spiked Amount 100.000          | Range 45 - 130 |      | Recovery = | 81.16%  |       |           |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84   | 257252     | 39.66   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 65 - 120 |      | Recovery = | 79.32%  |       |           |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152  | 175718     | 43.32   | ug/L  | 0.00      |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 86.64%  |       |           |
| Target Compounds               |                |      |            |         |       |           |
| 5) Vinyl chloride              | 1.32           | 62   | 14097      | 2.682   | ug/L  | Ovalue 47 |
| 20) cis-1,2-Dichloroethene     | 3.95           | 96   | 12561m     | 2.762   | ug/L  |           |
| 25) Chloroform                 | 4.41           | 83   | 8554       | 1.128   | ug/L  | 100       |
| 34) Trichloroethene            | 5.94           | 95   | 1442661    | 343.999 | ug/L  | 96        |
| 51) Chlorobenzene              | 8.90           | 112  | 23740      | 2.107   | ug/L  | 95        |
| 63) 1,4-Dichlorobenzene        | 11.30          | 146  | 20318      | 2.731   | ug/L  | 98        |
| 65) 1,2-Dichlorobenzene        | 11.67          | 146  | 15158      | 1.998   | ug/L  | # 88      |
| 68) 1,2,4-trichlorobenzene     | 13.29          | 180  | 5904       | 1.351   | ug/L  | 95        |

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

SY  
 03/31/2020

## Quantitation Report (QT Reviewed)

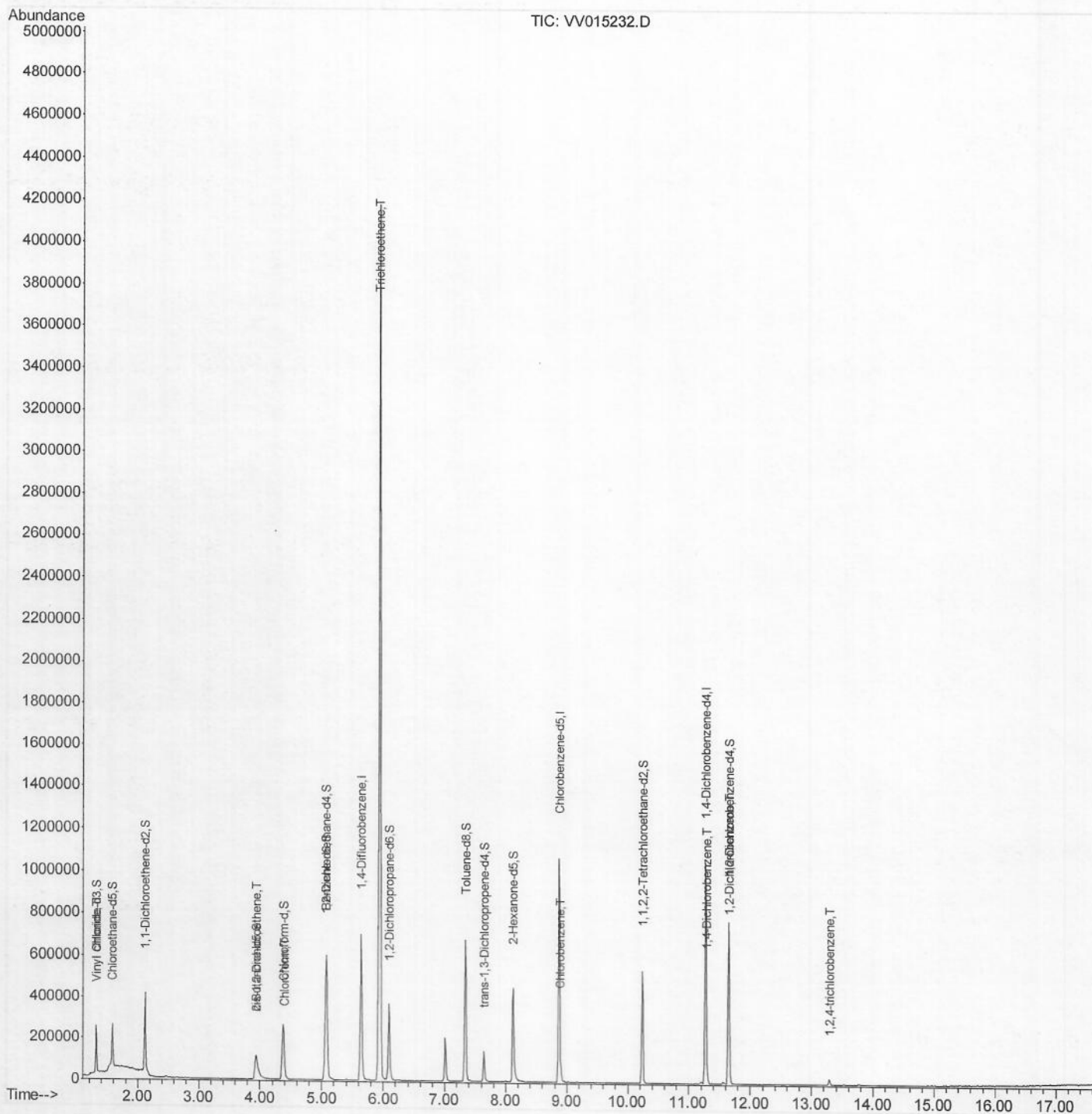
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Client Sample ID :  
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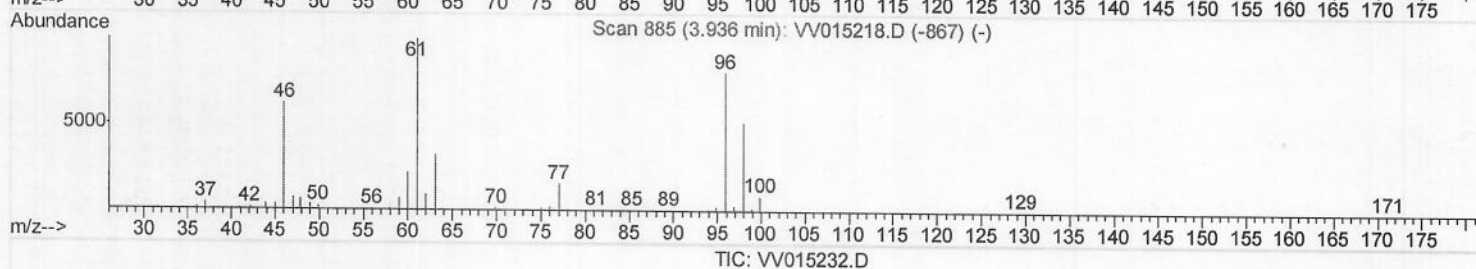
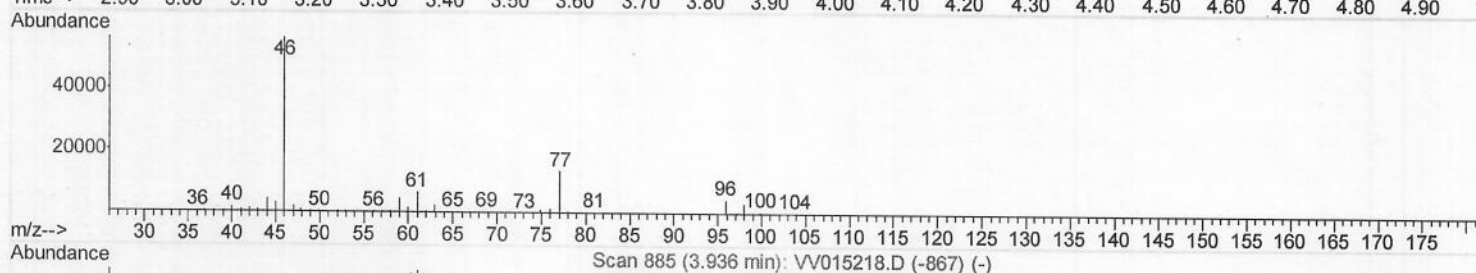
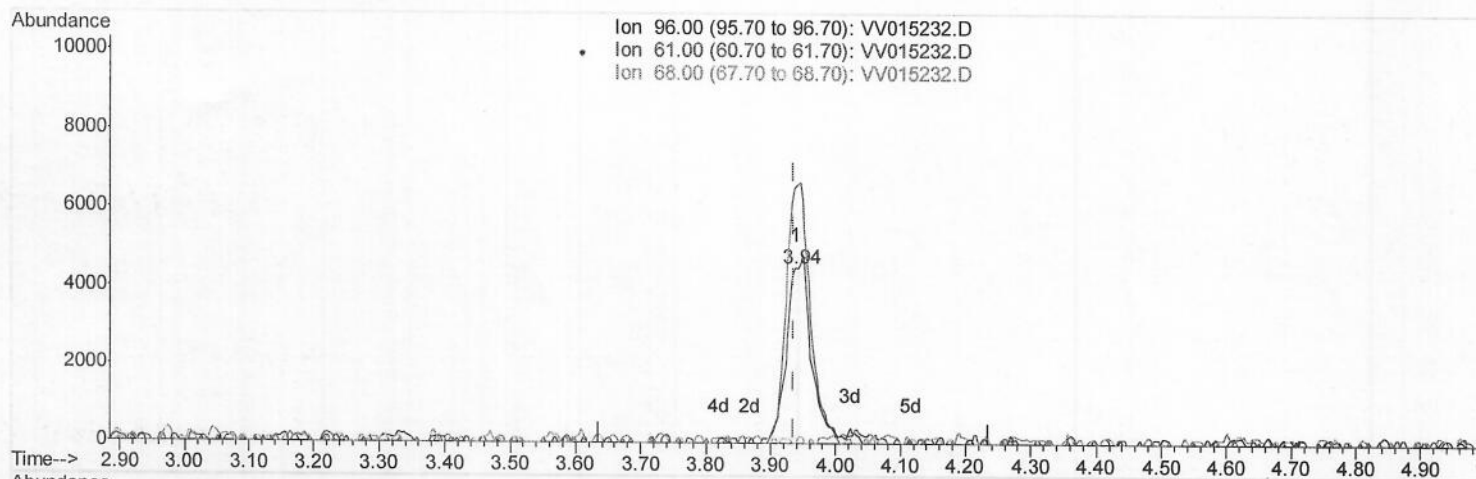
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(20) cis-1,2-Dichloroethene (T)

3.939min (+0.003) 1.27ug/L

response 5759

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 124.60 | 145.13 |
| 68.00 | 0.20   | 0.00#  |
| 0.00  | 0.00   | 0.00   |