

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV031320\  
Quantitation Report (QT Reviewed)

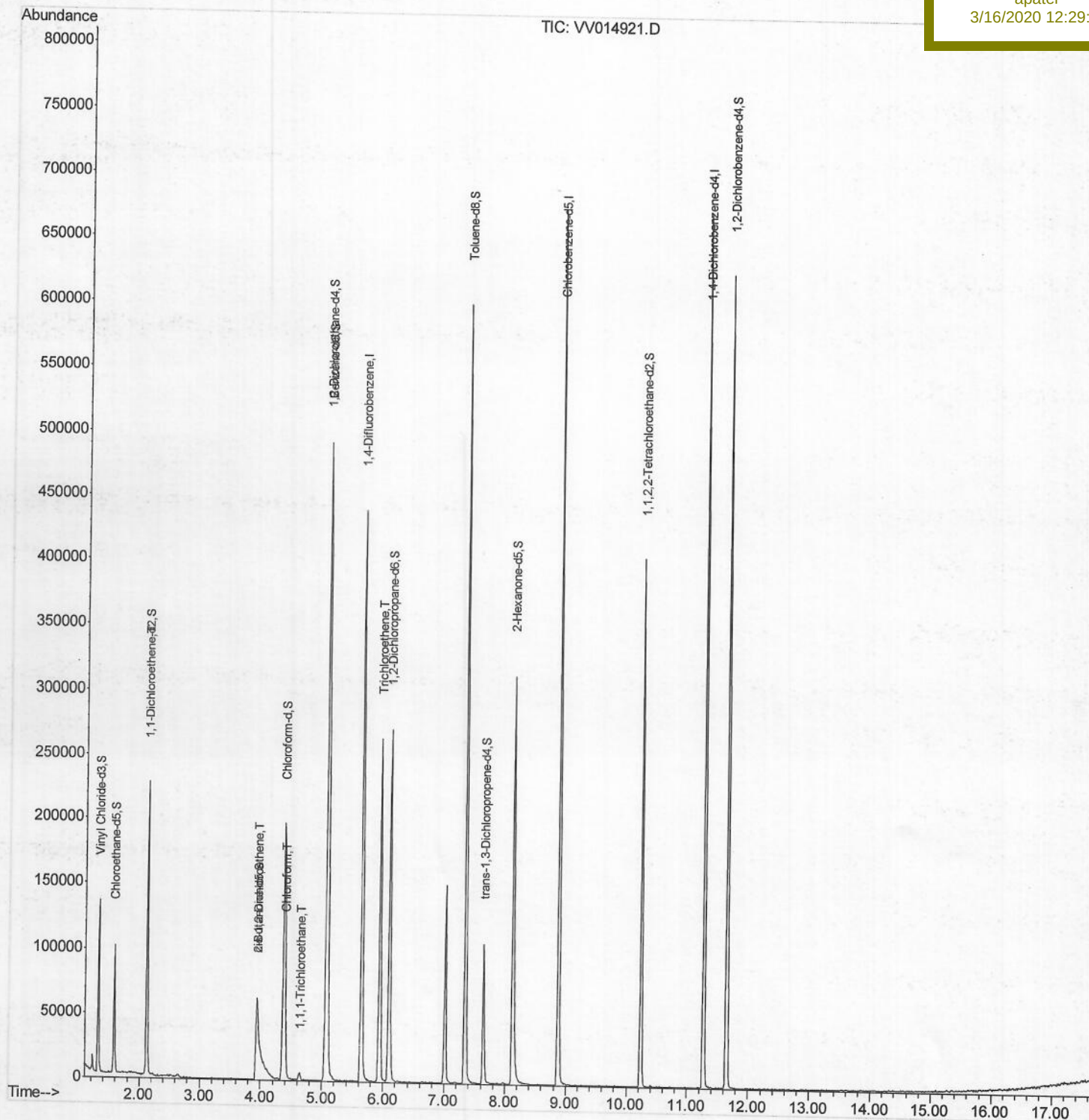
Data File : VV014921.D  
Acq On : 13 Mar 2020 22:19  
Operator : SY/MD  
Sample : L1884-05  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 16 03:07:38 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Mar 16 01:36:12 2020  
Response via : Initial Calibration

Instrument :  
MSVOA\_V  
Client Sample ID :  
CON70

Manual Integrations  
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SOMVLM030620WMA.M Mon Mar 16 03:06:27 2020

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV031320\  
Quantitation Report (Qedit)

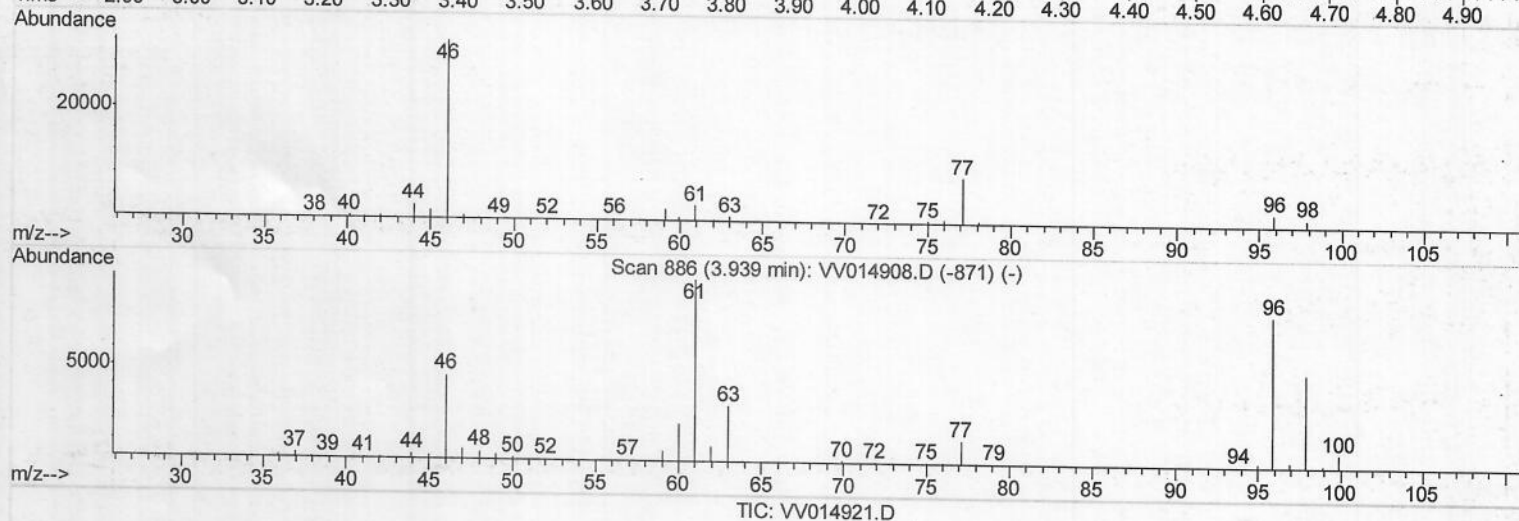
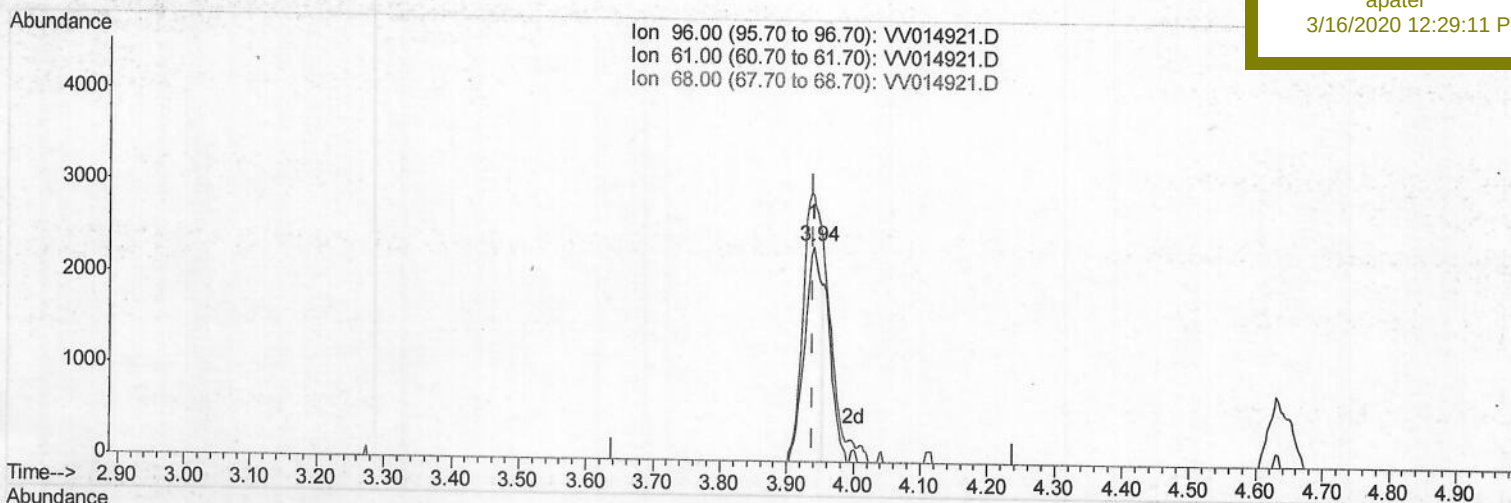
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Operator : SY/MD  
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Misc : 5.0mL/MSVOA\_V/WATER  
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ClientSampled :  
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(20) cis-1,2-Dichloroethene (T)

3.939min (+0.000) 1.37ug/L

response 3991

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 131.70 | 123.43 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



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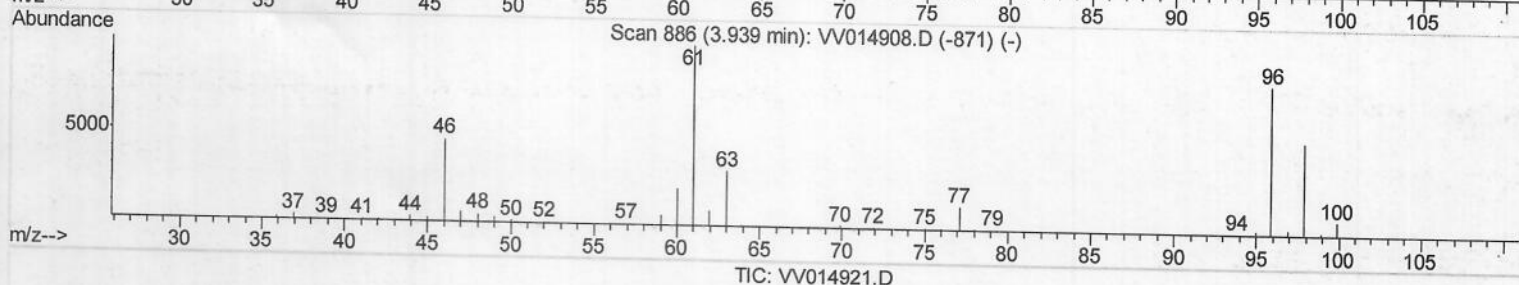
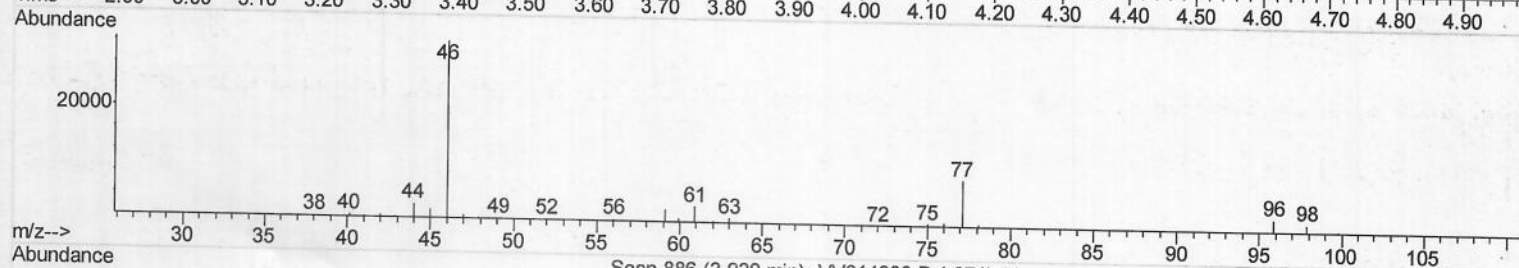
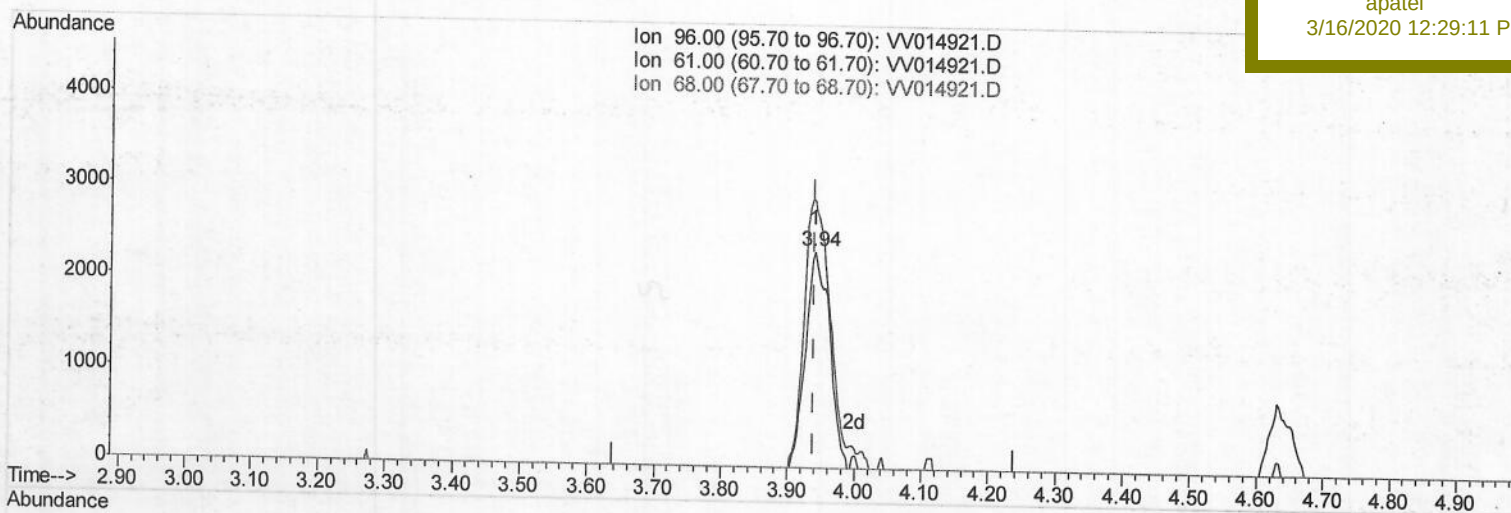
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MSVOA\_V  
Client Sampled :  
CON70

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

3.939min (+0.000) 1.98ug/L m

response 5785

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 131.70 | 123.43 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Quantitation Report (Qedit)

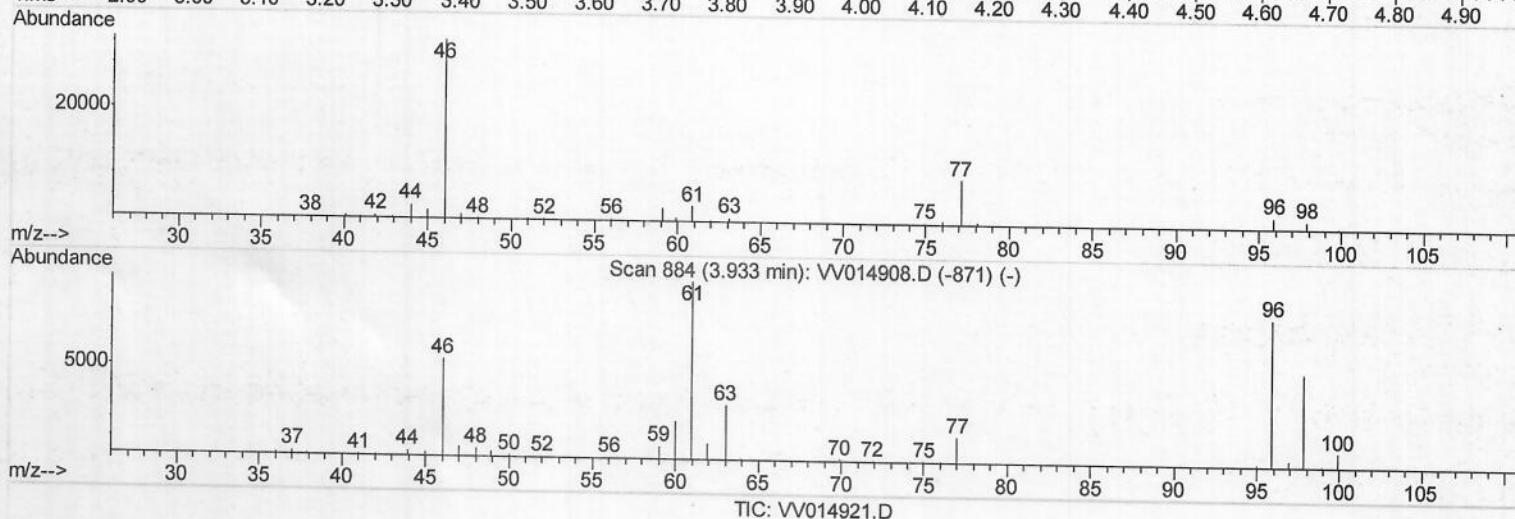
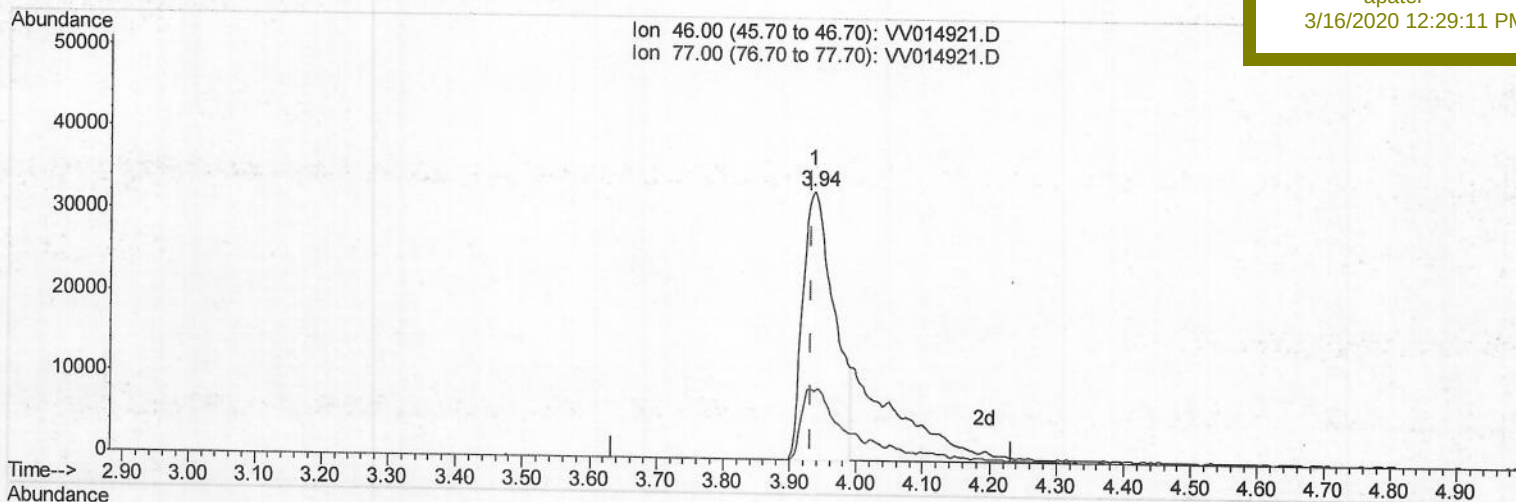
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MSVOA\_V  
ClientSampleId :  
CON70

Manual Integrations  
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(21) 2-Butanone-d5 (S)

3.936min (+0.003) 54.68ug/L

response 107452

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 46.00 | 100   | 100    |
| 77.00 | 23.30 | 10.62# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |



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Quantitation Report (Qedit)

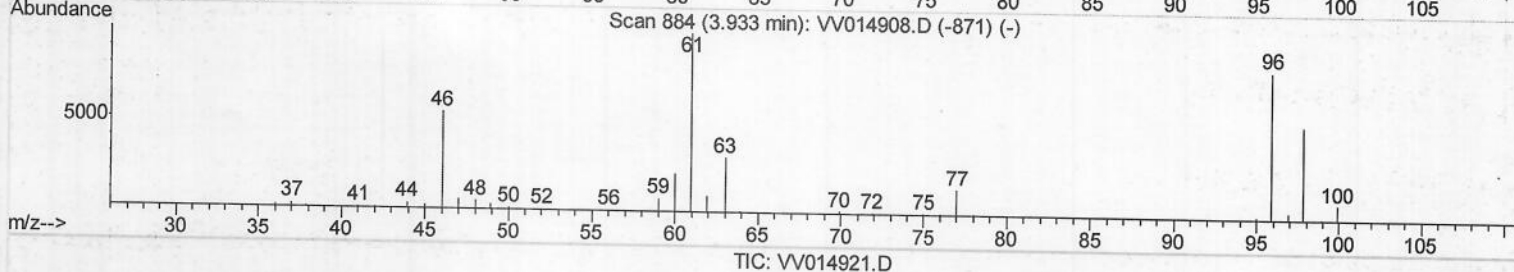
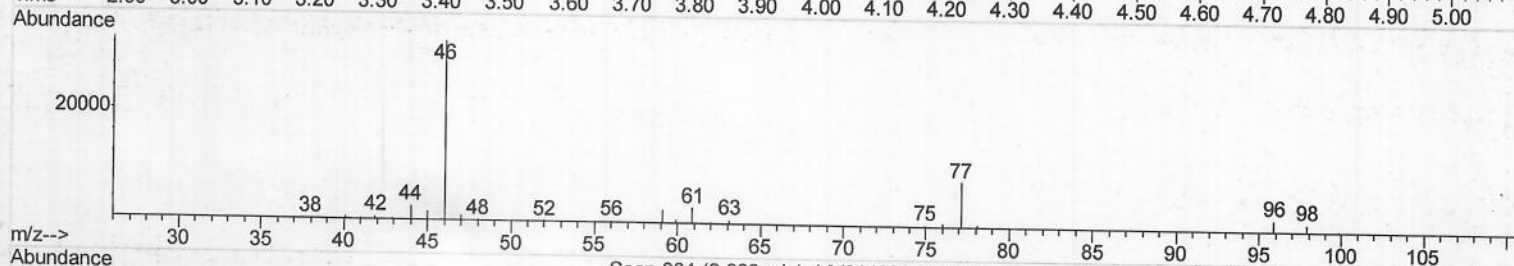
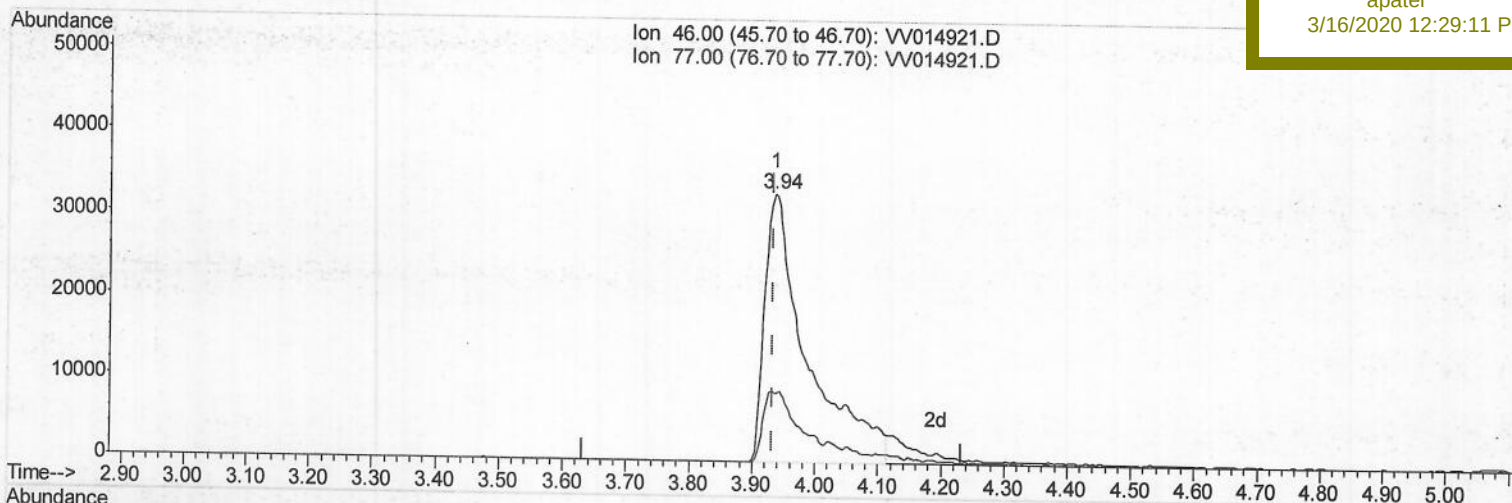
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Instrument :  
MSVOA\_V  
Client Sampled :  
CON70

Manual Integrations  
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(21) 2-Butanone-d5 (S)

3.936min (+0.003) 78.97ug/L m

response 155161

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| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 23.30 | 7.35# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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ClientSampleID :  
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Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 389309   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 377604   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 180688   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.32           | 65  | 87315      | 33.14   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 66.28%  |      |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 69799      | 33.51   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 67.02%# |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63  | 113653     | 25.96   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 51.92%# |      |      |
| 21) 2-Butanone-d5              | 3.94           | 46  | 155161m    | 78.97   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 78.97%  |      |      |
| 24) Chloroform-d               | 4.38           | 84  | 206347     | 41.36   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 82.72%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.06           | 65  | 142066     | 41.93   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 83.86%  |      |      |
| 32) Benzene-d6                 | 5.08           | 84  | 422398     | 42.37   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 84.74%  |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.10           | 67  | 132671     | 40.15   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 80.30%  |      |      |
| 41) Toluene-d8                 | 7.34           | 98  | 405765     | 41.55   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 83.10%  |      |      |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79  | 61883      | 38.35   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 76.70%  |      |      |
| 47) 2-Hexanone-d5              | 8.12           | 63  | 132978     | 90.63   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 90.63%  |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84  | 188299     | 41.42   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 82.84%  |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152 | 168782     | 47.13   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 94.26%  |      |      |

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Target Compounds

|                            |      |    |       |        |      |   |    |
|----------------------------|------|----|-------|--------|------|---|----|
| 12) 1,1-Dichloroethene     | 2.13 | 96 | 3849  | 1.820  | ug/L | # | 1  |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 5785m | 1.980  | ug/L |   |    |
| 25) Chloroform             | 4.41 | 83 | 7925  | 1.499  | ug/L |   | 88 |
| 30) 1,1,1-Trichloroethane  | 4.64 | 97 | 4326  | 0.988  | ug/L |   | 96 |
| 34) Trichloroethene        | 5.94 | 95 | 92320 | 32.293 | ug/L |   | 95 |

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