

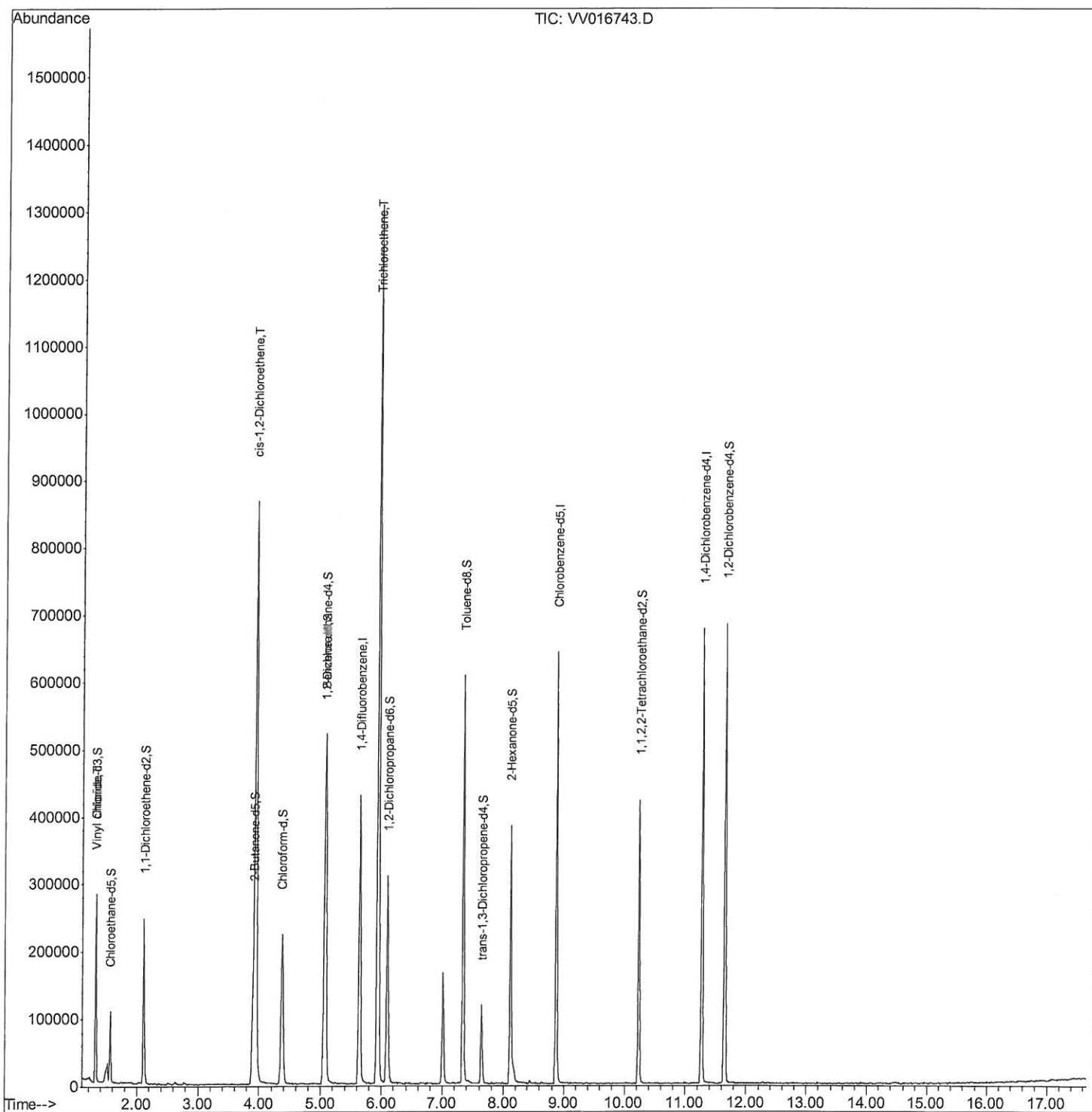
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\  
Data File : VV016743.D  
Acq On : 10 Jun 2020 01:33  
Operator : SY/MD  
Sample : L2901-07 100X  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
ETTT2

Manual Integrations  
APPROVED

MMDadoda  
6/10/2020 3:52:47 PM

Quant Time: Jun 10 05:56:43 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 10 03:42:58 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

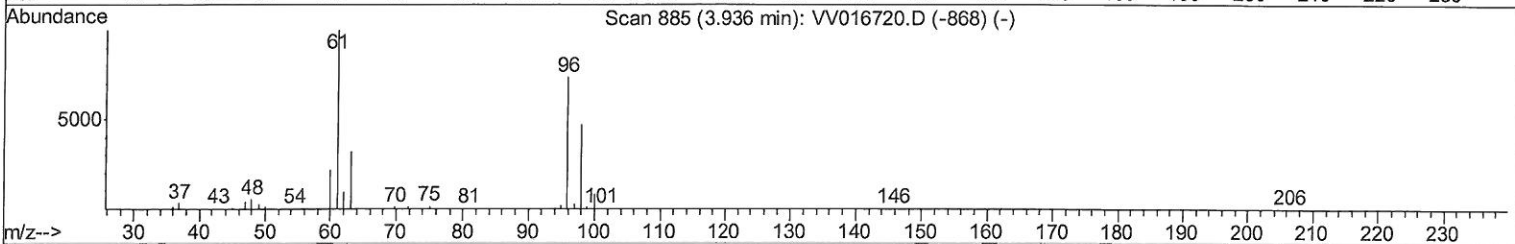
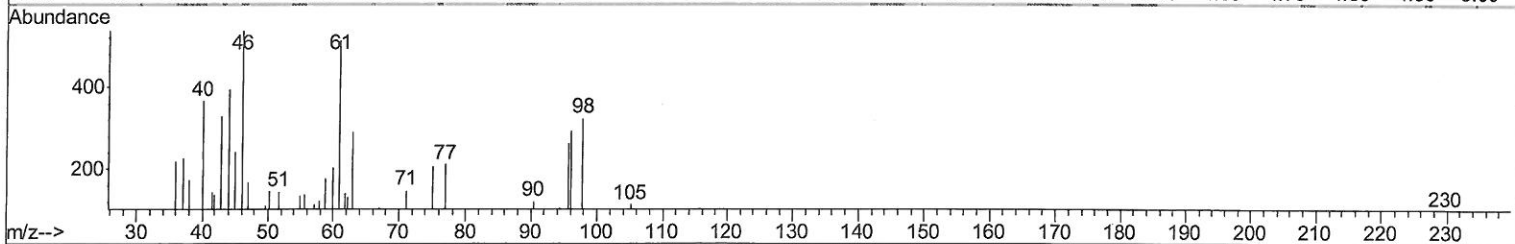
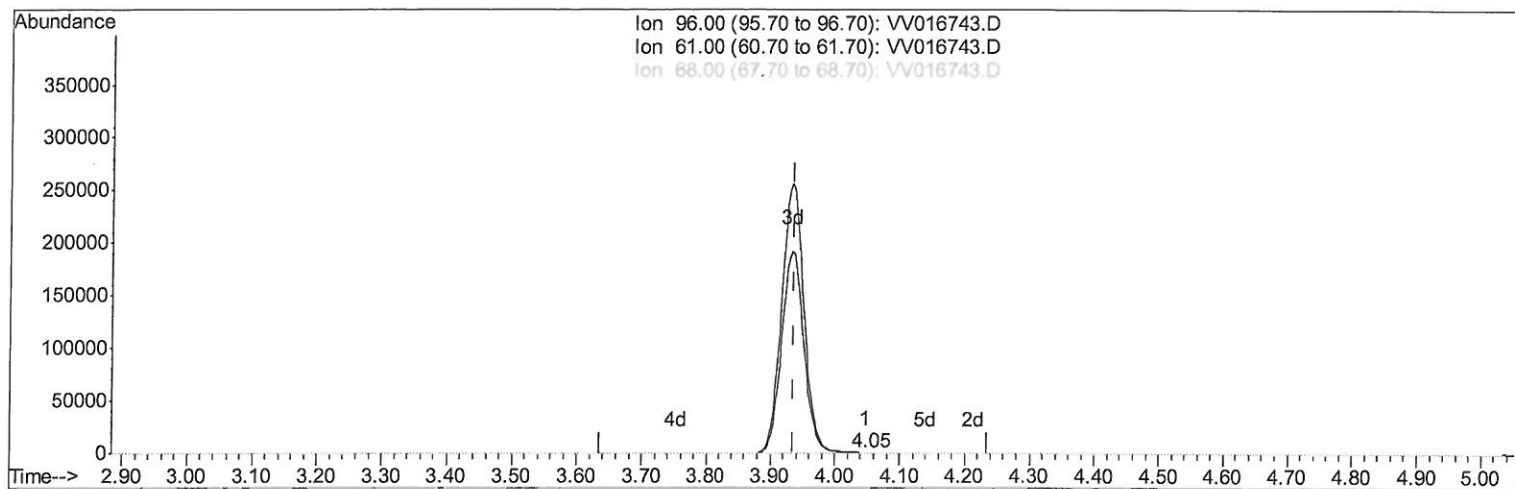
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Quant Time: Jun 10 03:48:32 2020  
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TIC: VV016743.D

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

4.049min (+0.113) 0.02ug/L

response 49

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 133.40 | 117.17 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

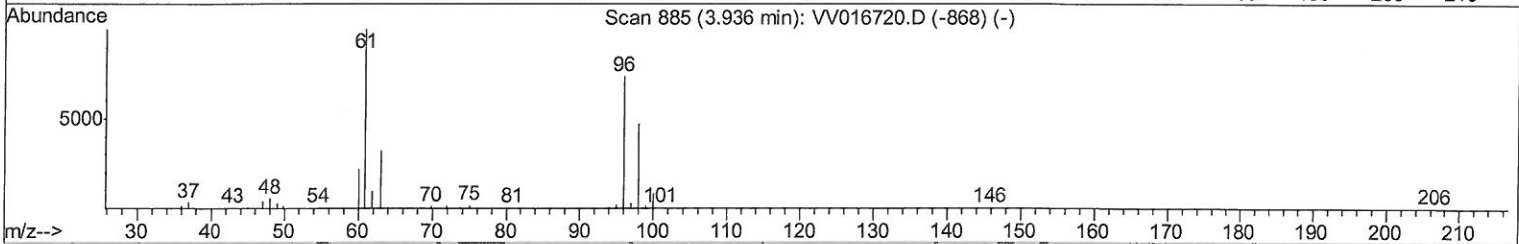
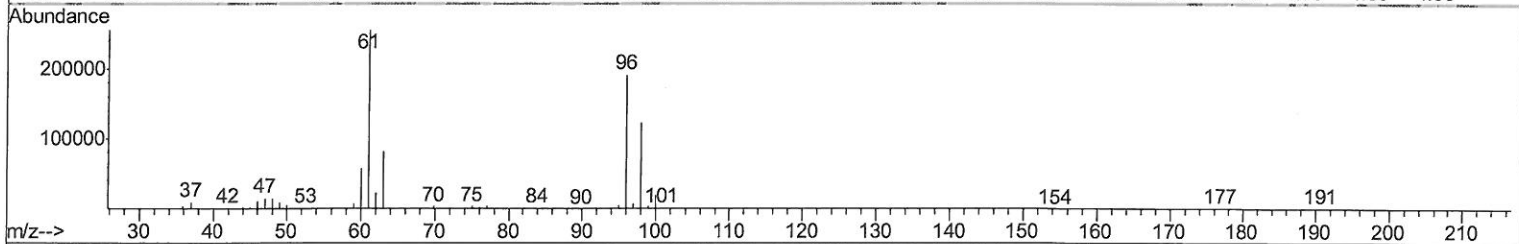
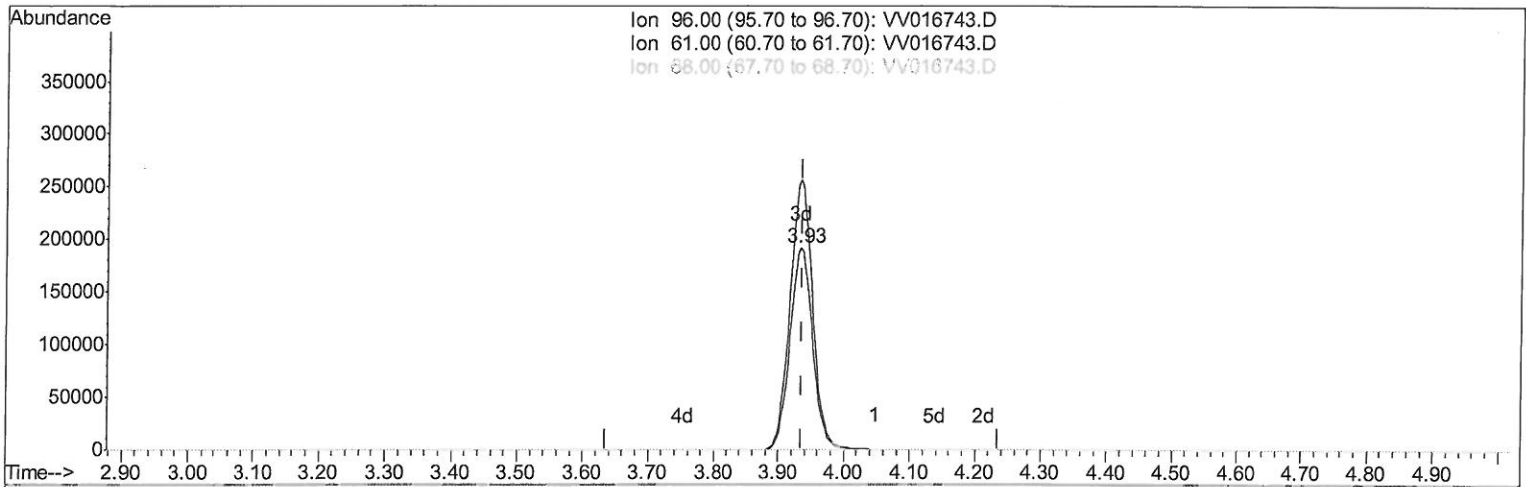
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Instrument :  
 MSVOA\_V  
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Manual Integrations  
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MMDadoda  
 6/10/2020 3:52:47 PM

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 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 10 03:42:58 2020  
 Response via : Initial Calibration



TIC: VV016743.D

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

3.933min (-0.003) 176.29ug/L m

response 461474

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 133.40 | 133.64 |
| 68.00 | 0.00   | 0.07#  |
| 0.00  | 0.00   | 0.00   |

*MD*  
 6/10/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\  
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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  | 354812   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 328517   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 163796   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 85452    | 34.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.26% |
| 7) Chloroethane-d5             | 1.56    | 69    | 67231    | 44.75    | ug/L | -0.01  |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.50% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 126979   | 30.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.40% |
| 21) 2-Butanone-d5              | 3.89    | 46    | 184265   | 99.44    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.44% |
| 24) Chloroform-d               | 4.37    | 84    | 224440   | 44.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.18% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 162027   | 46.79    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.58% |
| 32) Benzene-d6                 | 5.07    | 84    | 427562   | 45.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.30% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 137358   | 46.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.06% |
| 41) Toluene-d8                 | 7.34    | 98    | 379422   | 43.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.32% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 62116    | 40.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.80% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 125205   | 97.29    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.29% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 186312   | 47.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.36% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 171071   | 48.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.88% |

## Target Compounds

| Target Compounds           | R.T. | QIon | Response | Conc    | Units | Ovalue |
|----------------------------|------|------|----------|---------|-------|--------|
| 5) Vinyl chloride          | 1.32 | 62   | 88398    | 34.943  | ug/L  | 98     |
| 20) cis-1,2-Dichloroethene | 3.93 | 96   | 461474m  | 176.293 | ug/L  | 99     |
| 34) Trichloroethene        | 5.94 | 95   | 435035   | 166.883 | ug/L  | 99     |

7 MD  
6/10/20

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