

# Quantitation Report (Qedit)

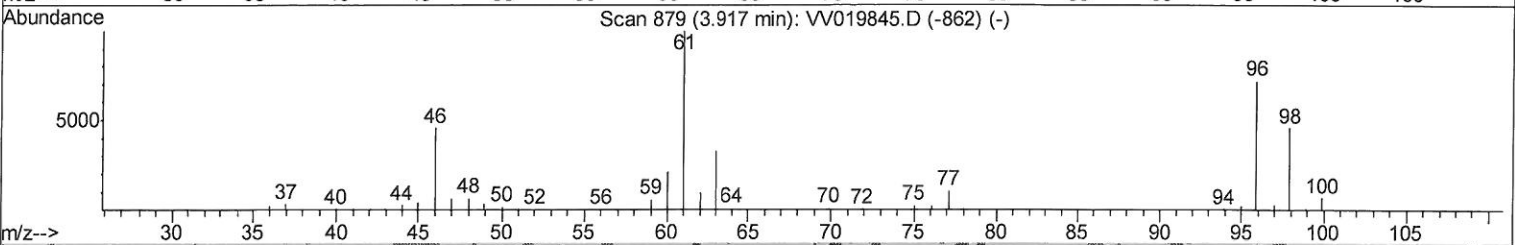
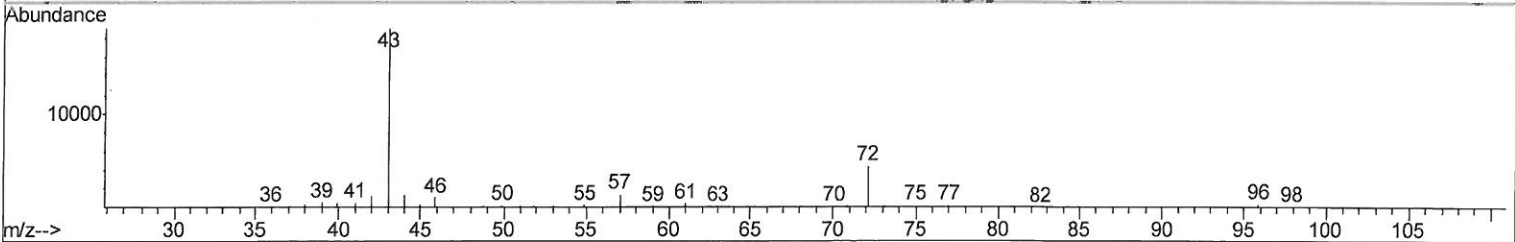
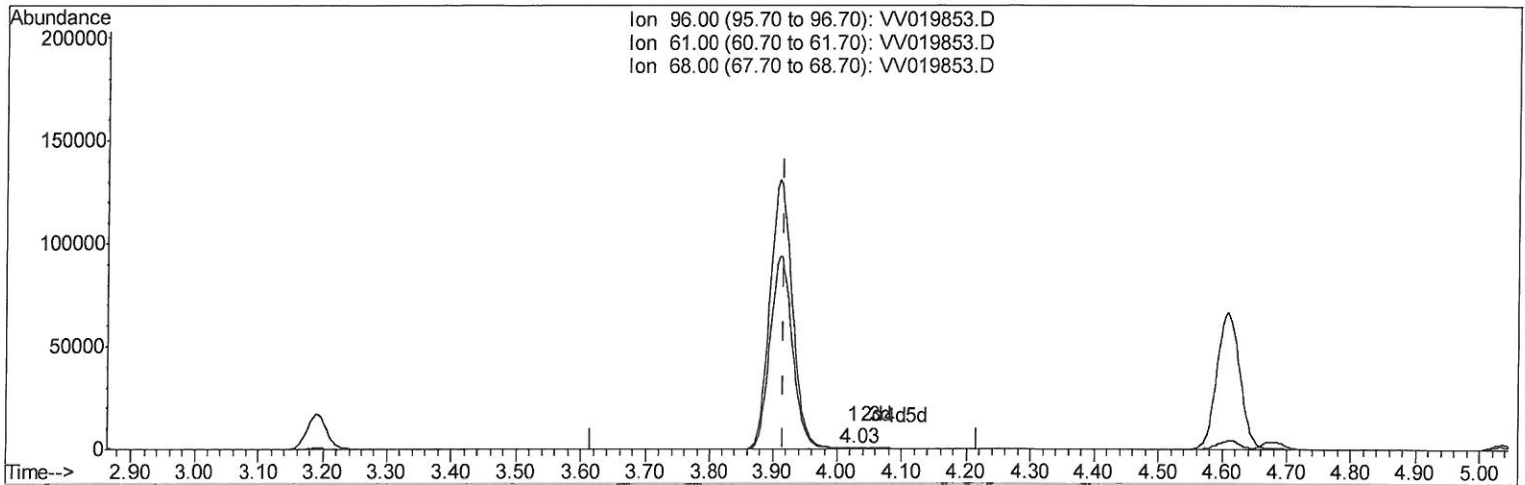
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122820\  
 Data File : VV019853.D  
 Acq On : 28 Dec 2020 16:41  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_V  
**LabSampleId :**  
 VSTD05075

**Manual Integrations**  
**APPROVED**

MMDadoda  
 12/29/2020 11:33:09 AM

Quant Time: Dec 29 03:05:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM122820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 29 03:03:45 2020  
 Response via : Initial Calibration



TIC: VV019853.D

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

4.026min (+0.109) 0.03ug/L

response 121

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 138.40 | 119.22 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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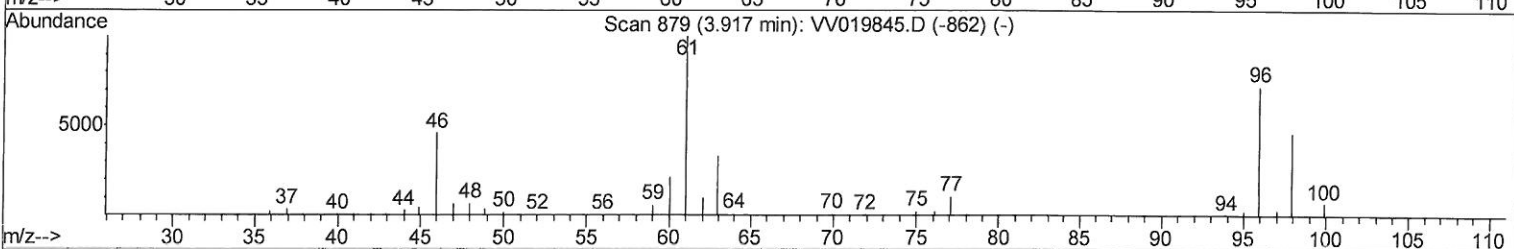
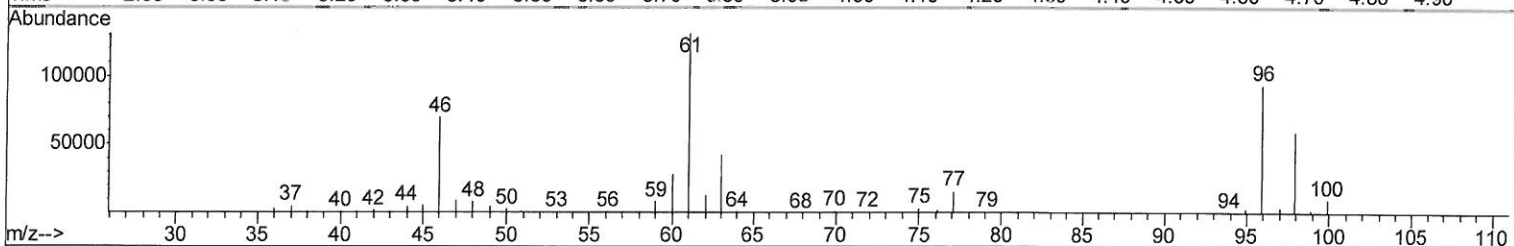
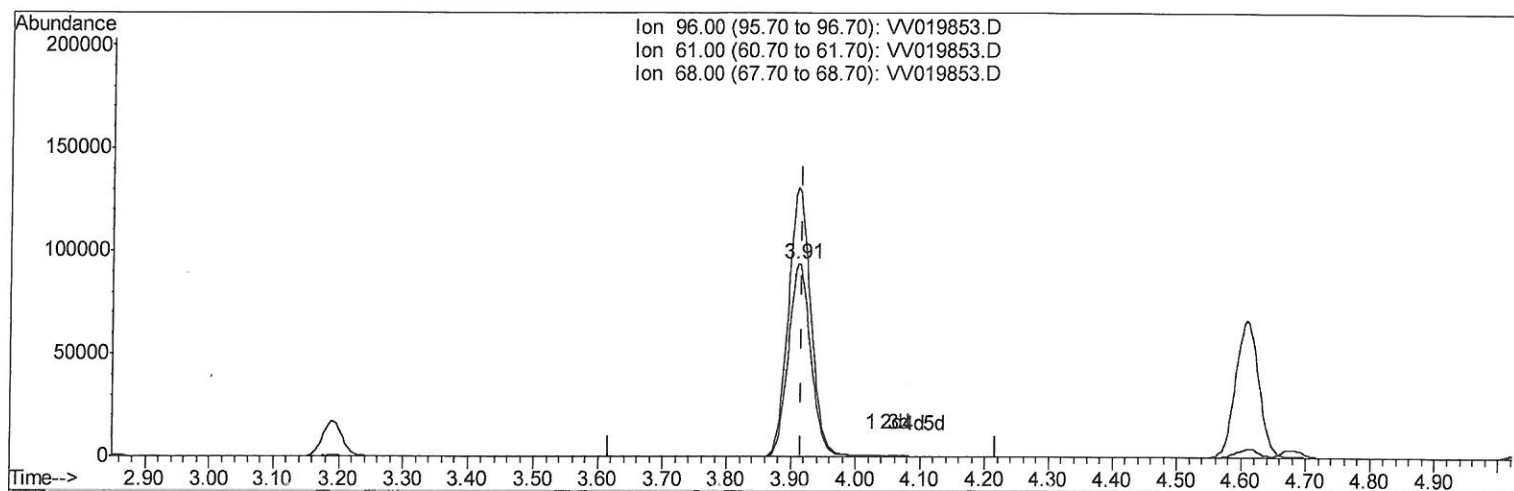
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TIC: VV019853.D

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

3.910min (-0.006) 53.21ug/L m

response 228682

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 138.40 | 139.68 |
| 68.00 | 0.00   | 0.13#  |
| 0.00  | 0.00   | 0.00   |

> 12/29/2020

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 552152   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 524196   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 265450   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 226592   | 53.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 106.06% |
| 7) Chloroethane-d5             | 1.57    | 69    | 182549   | 53.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 107.50% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 419128   | 51.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 103.80% |
| 21) 2-Butanone-d5              | 3.89    | 46    | 348218   | 109.95   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.95% |
| 24) Chloroform-d               | 4.35    | 84    | 431846   | 53.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.98% |
| 26) 1,2-Dichloroethane-d4      | 5.03    | 65    | 289858   | 54.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.86% |
| 32) Benzene-d6                 | 5.05    | 84    | 807477   | 53.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.98% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 263414   | 53.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.14% |
| 41) Toluene-d8                 | 7.32    | 98    | 702490   | 52.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.58% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 132632   | 53.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 107.52% |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 232351   | 113.27   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 113.27% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 349300   | 54.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 108.22% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 262160   | 51.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.26% |

## Target Compounds

|                                |      |     |         |         |      | Ovalue |
|--------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane     | 1.13 | 85  | 223763  | 52.206  | ug/L | 100    |
| 3) Chloromethane               | 1.24 | 50  | 282027  | 53.727  | ug/L | 100    |
| 5) Vinyl chloride              | 1.31 | 62  | 270684  | 52.778  | ug/L | 100    |
| 6) Bromomethane                | 1.52 | 94  | 168844  | 54.343  | ug/L | 100    |
| 8) Chloroethane                | 1.59 | 64  | 171529  | 53.798  | ug/L | 99     |
| 9) Trichlorofluoromethane      | 1.75 | 101 | 324163  | 52.174  | ug/L | 99     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 179385  | 51.264  | ug/L | 97     |
| 12) 1,1-Dichloroethene         | 2.12 | 96  | 182261  | 51.908  | ug/L | 87     |
| 13) Acetone                    | 2.18 | 43  | 249768  | 101.877 | ug/L | 100    |
| 14) Carbon disulfide           | 2.29 | 76  | 580068  | 50.711  | ug/L | 100    |
| 15) Methyl Acetate             | 2.43 | 43  | 268351  | 53.871  | ug/L | 100    |
| 16) Methylene chloride         | 2.51 | 84  | 238195  | 54.014  | ug/L | 99     |
| 17) trans-1,2-Dichloroethene   | 2.76 | 96  | 207918  | 52.925  | ug/L | 97     |
| 18) Methyl tert-butyl Ether    | 2.77 | 73  | 731449  | 55.145  | ug/L | 100    |
| 19) 1,1-Dichloroethane         | 3.19 | 63  | 424634  | 53.565  | ug/L | 99     |
| 20) cis-1,2-Dichloroethene     | 3.91 | 96  | 228682m | 53.205  | ug/L | 99     |
| 22) 2-Butanone                 | 3.97 | 43  | 385237  | 111.920 | ug/L | 96     |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 23) Bromochloromethane         | 4.25  | 128  | 115212   | 54.250  | ug/L  | 97       |
| 25) Chloroform                 | 4.38  | 83   | 423442   | 54.146  | ug/L  | 98       |
| 27) 1,2-Dichloroethane         | 5.13  | 62   | 355850   | 55.191  | ug/L  | 99       |
| 29) Cyclohexane                | 4.68  | 56   | 342660   | 51.056  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane      | 4.61  | 97   | 349228   | 52.036  | ug/L  | 99       |
| 31) Carbon tetrachloride       | 4.83  | 117  | 283657   | 51.361  | ug/L  | 98       |
| 33) Benzene                    | 5.10  | 78   | 890132   | 53.988  | ug/L  | 100      |
| 34) Trichloroethene            | 5.91  | 95   | 227489   | 52.010  | ug/L  | 98       |
| 35) Methylcyclohexane          | 6.13  | 83   | 336632   | 51.319  | ug/L  | 99       |
| 37) 1,2-Dichloropropane        | 6.18  | 63   | 242171   | 54.696  | ug/L  | 99       |
| 38) Bromodichloromethane       | 6.51  | 83   | 315115   | 54.438  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene    | 7.03  | 75   | 353736   | 51.868  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone       | 7.23  | 43   | 738665   | 111.417 | ug/L  | 99       |
| 42) Toluene                    | 7.39  | 91   | 895728   | 53.037  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene  | 7.65  | 75   | 357680   | 53.772  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane      | 7.84  | 97   | 220840   | 54.376  | ug/L  | 99       |
| 46) Tetrachloroethene          | 7.98  | 164  | 146028   | 49.992  | ug/L  | 97       |
| 48) 2-Hexanone                 | 8.14  | 43   | 561469   | 109.541 | ug/L  | 100      |
| 49) Dibromochloromethane       | 8.25  | 129  | 228926   | 54.512  | ug/L  | 98       |
| 50) 1,2-Dibromoethane          | 8.35  | 107  | 231044   | 54.204  | ug/L  | 99       |
| 51) Chlorobenzene              | 8.88  | 112  | 565082   | 52.470  | ug/L  | 99       |
| 52) Ethylbenzene               | 9.02  | 91   | 985641   | 51.863  | ug/L  | 100      |
| 53) m,p-Xylene                 | 9.14  | 106  | 363778   | 52.553  | ug/L  | 98       |
| 54) o-xylene                   | 9.55  | 106  | 357381   | 52.809  | ug/L  | 99       |
| 55) Styrene                    | 9.56  | 104  | 634597   | 53.954  | ug/L  | 99       |
| 56) Isopropylbenzene           | 9.94  | 105  | 949718   | 52.400  | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.25 | 83   | 350769   | 54.377  | ug/L  | 100      |
| 59) 1,2,3-Trichloropropane     | 10.28 | 75   | 302596   | 53.759  | ug/L  | 100      |
| 61) Bromoform                  | 9.74  | 173  | 144305   | 52.858  | ug/L  | 100      |
| 62) 1,3-Dichlorobenzene        | 11.19 | 146  | 416367   | 51.524  | ug/L  | 99       |
| 63) 1,4-Dichlorobenzene        | 11.28 | 146  | 424997   | 51.135  | ug/L  | 100      |
| 65) 1,2-Dichlorobenzene        | 11.65 | 146  | 428196   | 51.909  | ug/L  | 99       |
| 66) 1,2-Dibromo-3-chloropropan | 12.43 | 75   | 88684    | 56.480  | ug/L  | 92       |
| 67) 1,3,5-Trichlorobenzene     | 12.65 | 180  | 305355   | 52.374  | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene     | 13.27 | 180  | 284979   | 54.897  | ug/L  | 99       |
| 69) Naphthalene                | 13.51 | 128  | 952823   | 58.355  | ug/L  | 100      |
| 70) 1,2,3-Trichlorobenzene     | 13.75 | 180  | 275897   | 54.684  | ug/L  | 98       |

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

(QT Reviewed)

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