

# Quantitation Report (Qedit)

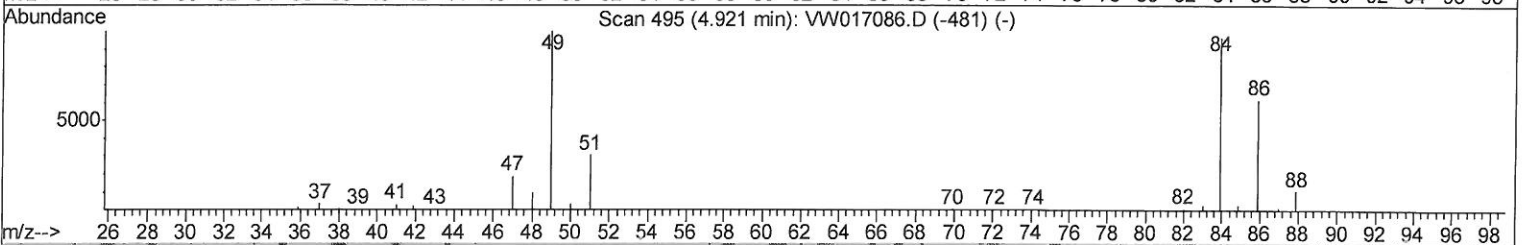
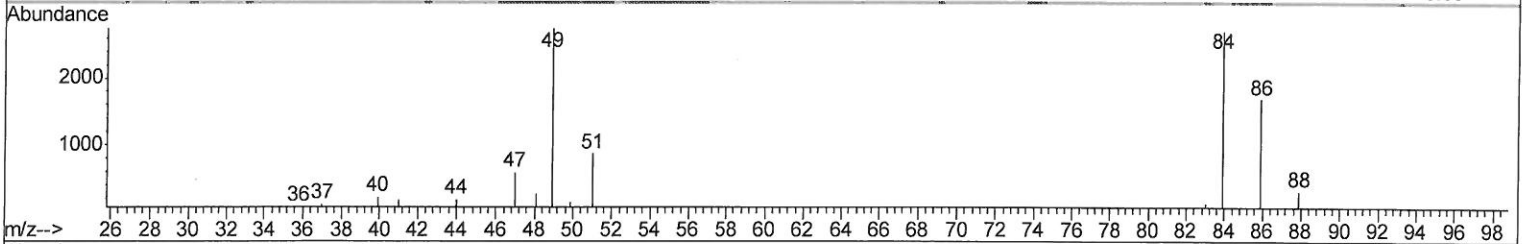
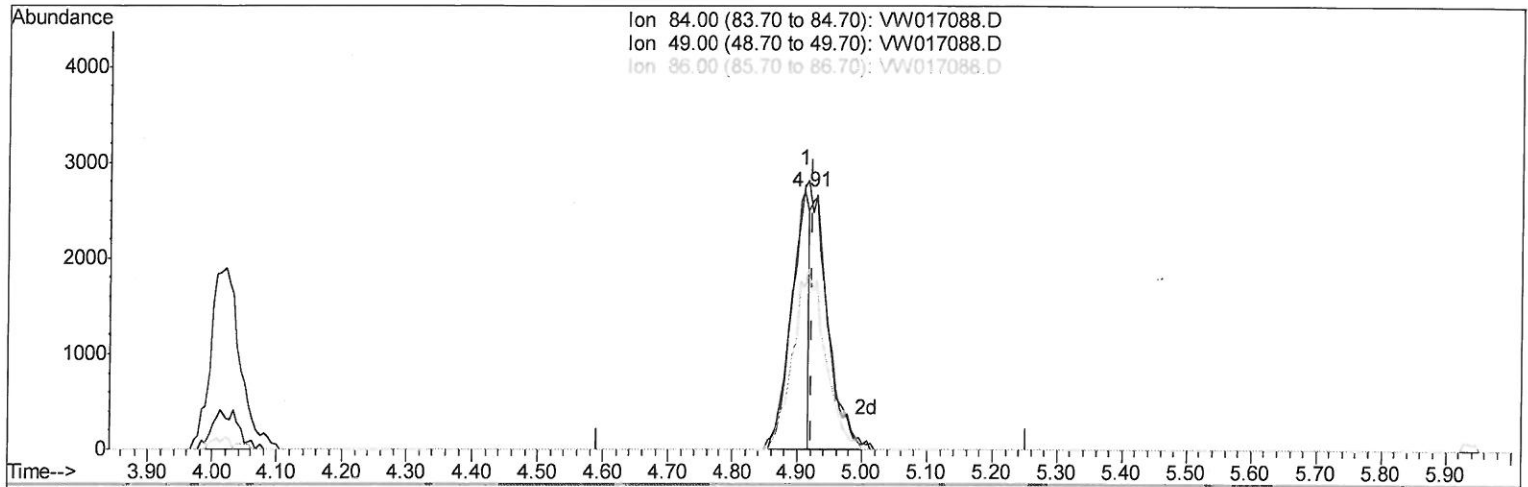
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\  
 Data File : VW017088.D  
 Acq On : 05 Nov 2020 14:22  
 Operator : SY/VA  
 Sample : L4615-17  
 Misc : 5.48G/10ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 BG485

**Manual Integrations**  
**APPROVED**

MMDadoda  
 11/9/2020 10:34:48 AM

Quant Time: Nov 06 04:16:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 06 04:09:24 2020  
 Response via : Initial Calibration



TIC: VW017088.D

(16) Methylene chloride (T)

4.910min (-0.012) 0.71ug/L

response 5198

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 103.30 | 101.56 |
| 86.00 | 64.40  | 62.76  |
| 0.00  | 0.00   | 0.00   |

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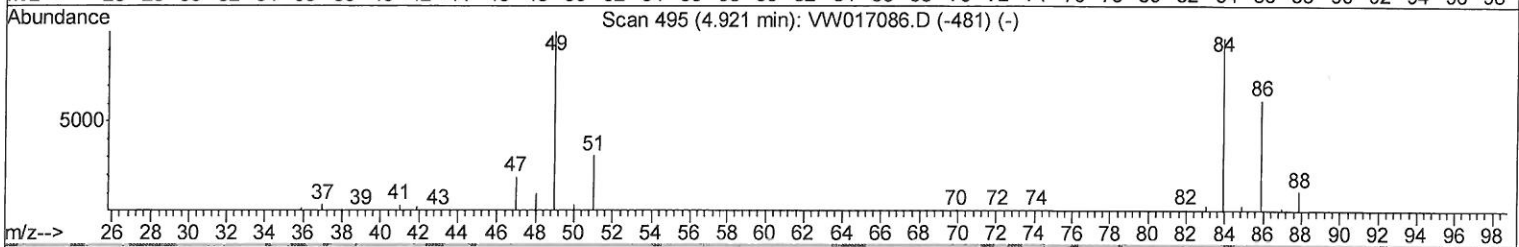
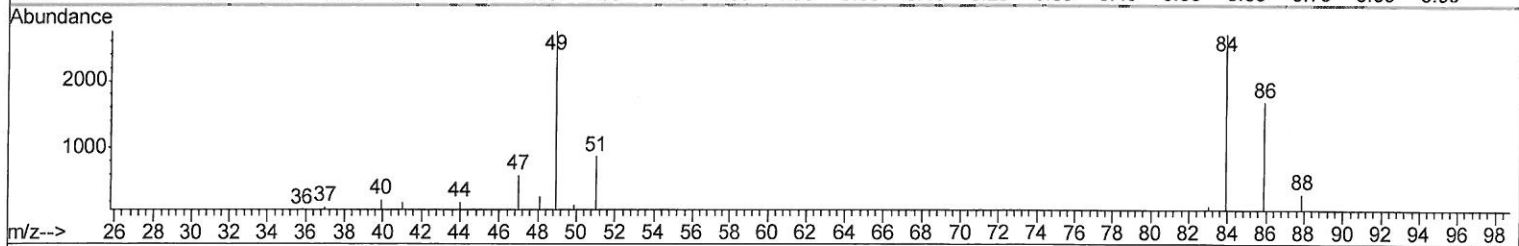
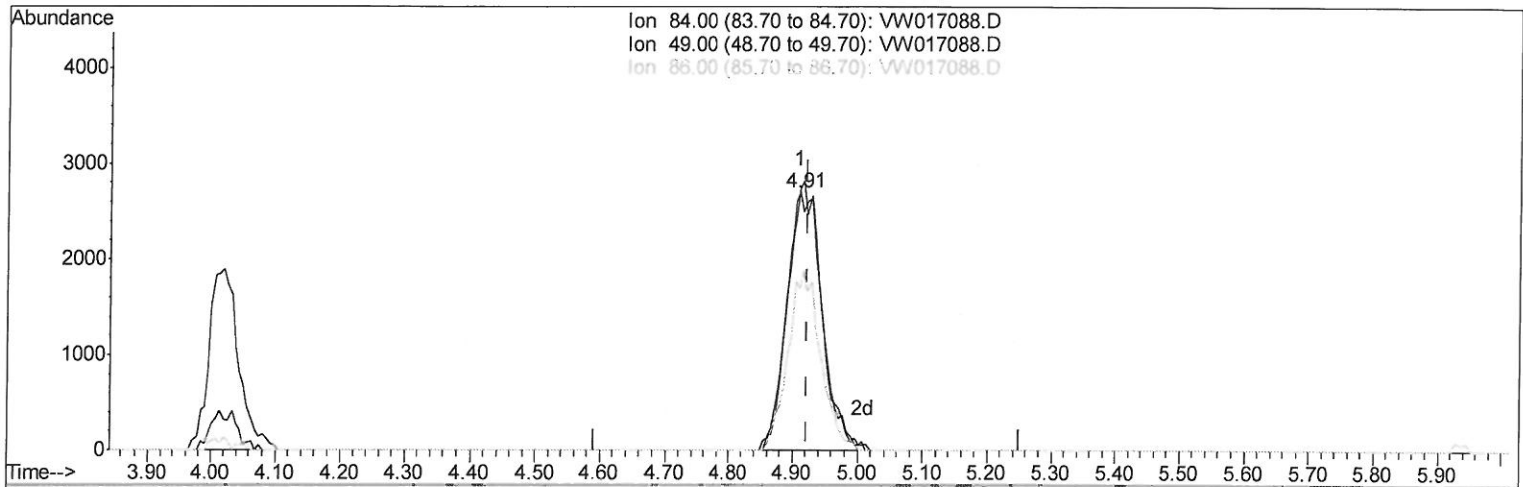
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TIC: VW017088.D

(16) Methylene chloride (T)

4.910min (-0.012) 1.39ug/L m

response 10199

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 103.30 | 101.56 |
| 86.00 | 64.40  | 62.76  |
| 0.00  | 0.00   | 0.00   |

11/20/2020

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Quant Time: Nov 06 04:25:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 06 04:09:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 543019   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 451124   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 195561   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 157272   | 22.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 118522   | 22.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.96%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 215430   | 17.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 70.44%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 40292    | 26.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 52.68%  |
| 24) Chloroform-d               | 7.65   | 84    | 275756   | 21.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.00%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 121987   | 19.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 77.44%  |
| 29) Benzene-d6                 | 8.27   | 84    | 577722   | 25.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.60% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 152157   | 23.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.80%  |
| 37) Toluene-d8                 | 10.32  | 98    | 533741   | 24.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 98.56%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 57977    | 20.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 80.96%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 30872    | 27.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 55.68%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 90472    | 16.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 65.40%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 154810   | 22.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.88%  |

## Target Compounds

|                            |       |     |          |          | Ovalue |      |
|----------------------------|-------|-----|----------|----------|--------|------|
| 5) Vinyl chloride          | 2.37  | 62  | 4532     | 0.625    | ug/L   | # 17 |
| 12) 1,1-Dichloroethene     | 4.04  | 96  | 12904    | 1.915    | ug/L   | # 1  |
| 13) Acetone                | 4.13  | 43  | 4359     | 4.256    | ug/L   | 71   |
| 14) Carbon disulfide       | 4.39  | 76  | 8011     | 0.437    | ug/L   | 99   |
| 16) Methylene chloride     | 4.91  | 84  | 10199m   | 1.393    | ug/L   | 93   |
| 22) cis-1,2-Dichloroethene | 7.17  | 96  | 11160    | 1.513    | ug/L   | 93   |
| 35) Trichloroethene        | 9.09  | 95  | 873994   | 131.711  | ug/L   | 99   |
| 47) Tetrachloroethene      | 10.87 | 164 | 10307822 | 1721.719 | ug/L   | 94   |

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

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