

# Quantitation Report (Qedit)

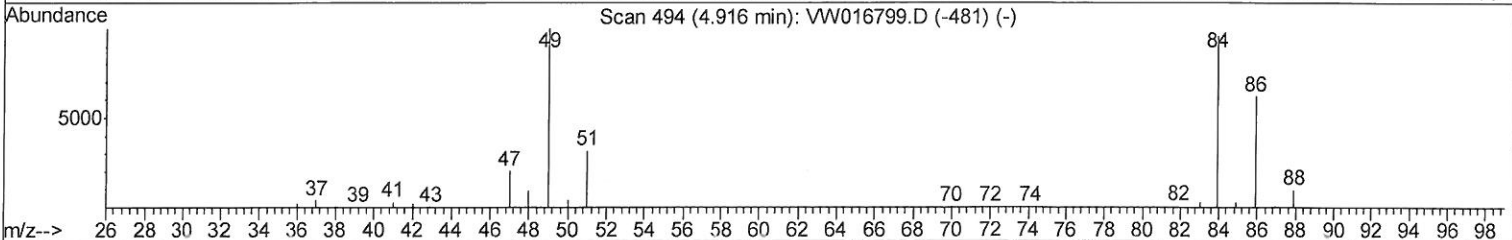
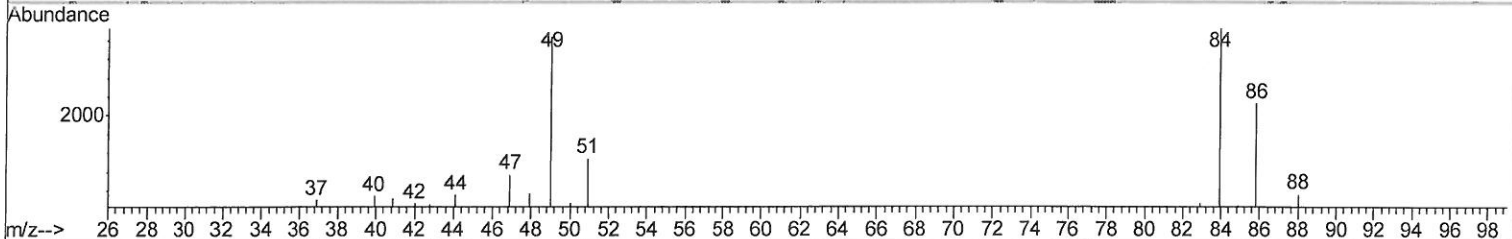
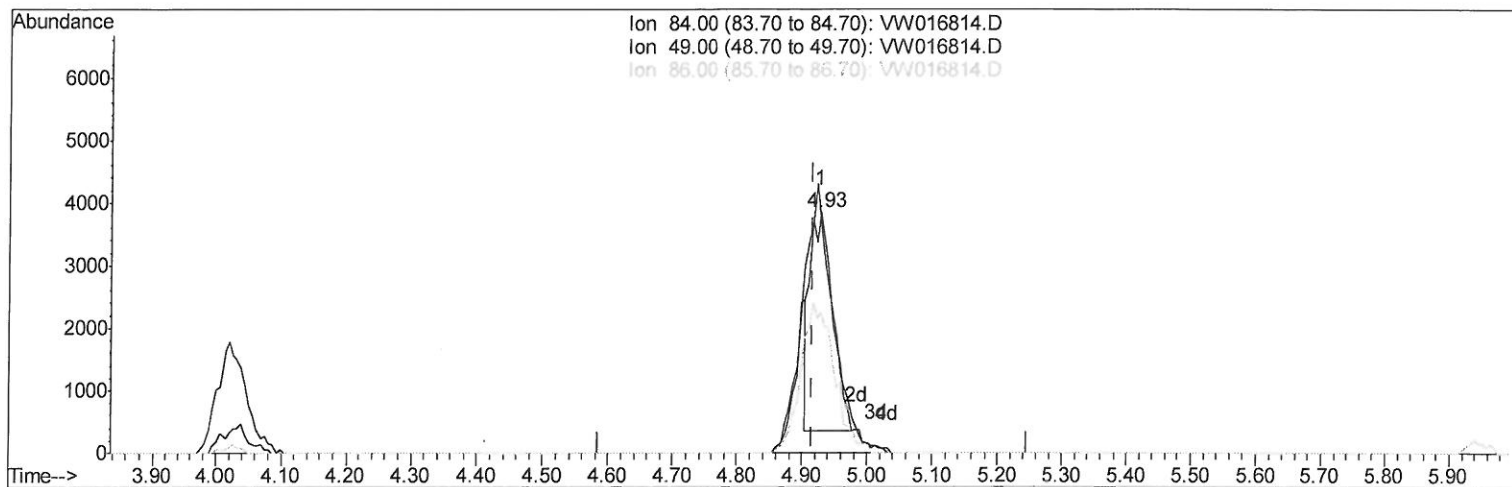
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\  
 Data File : VW016814.D  
 Acq On : 06 Oct 2020 23:53  
 Operator : SY/VA  
 Sample : L4209-11  
 Misc : 6.03G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLWW2

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2020 5:38:37 PM

Quant Time: Oct 07 03:15:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100720S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 07 03:05:19 2020  
 Response via : Initial Calibration



TIC: VW016814.D

(16) Methylene chloride (T)

4.928min (+0.012) 1.13ug/L

response 8397

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 84.00 | 100    | 100   |
| 49.00 | 104.50 | 95.38 |
| 86.00 | 65.70  | 58.72 |
| 0.00  | 0.00   | 0.00  |

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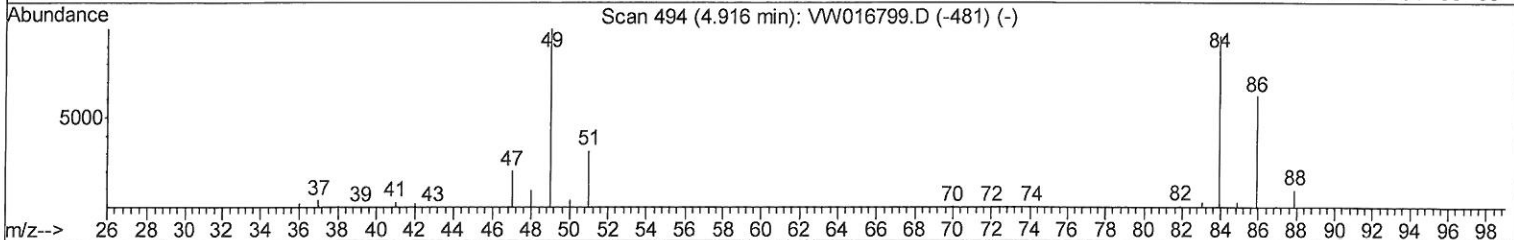
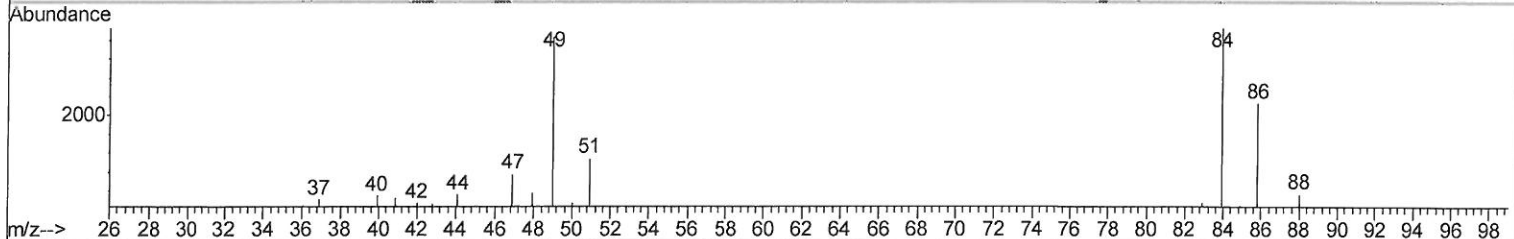
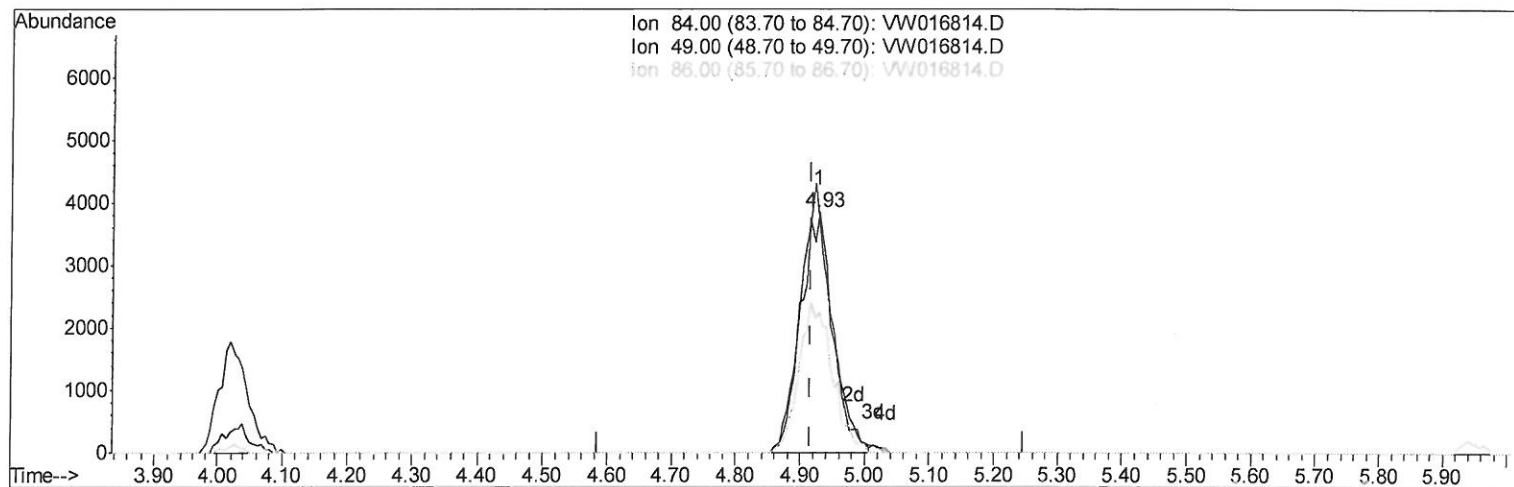
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TIC: VW016814.D

(16) Methylene chloride (T)

4.928min (+0.012) 1.79ug/L m

response 13327

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 84.00 | 100    | 100   |
| 49.00 | 104.50 | 95.38 |
| 86.00 | 65.70  | 58.72 |
| 0.00  | 0.00   | 0.00  |

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100720S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 07 03:05:19 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 538833   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 394063   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 103380   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |          |      |      |
|--------------------------------|----------------|-----|------------|----------|------|------|
| 4) Vinyl Chloride-d3           | 2.36           | 65  | 148836     | 28.00    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 112.00%  |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 123249     | 27.64    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 110.56%  |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.03           | 63  | 203466     | 18.03    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 72.12%   |      |      |
| 20) 2-Butanone-d5              | 7.08           | 46  | 57375      | 47.65    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 95.30%   |      |      |
| 24) Chloroform-d               | 7.65           | 84  | 302396     | 26.60    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 106.40%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 153306     | 27.92    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 111.68%  |      |      |
| 29) Benzene-d6                 | 8.27           | 84  | 600230     | 33.54    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 134.16%  |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.27           | 67  | 166452     | 34.61    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 138.44%# |      |      |
| 37) Toluene-d8                 | 10.32          | 98  | 506679     | 30.00    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 120.00%  |      |      |
| 38) trans-1,3-Dichloropropene- | 10.58          | 79  | 63531      | 29.95    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 119.80%  |      |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 46065      | 61.93    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 123.86%  |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69          | 84  | 112241     | 28.89    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 115.56%  |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.86          | 152 | 87811      | 26.78    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 107.12%  |      |      |

## Target Compounds

|                          |       |     |         |              | Ovalue |
|--------------------------|-------|-----|---------|--------------|--------|
| 13) Acetone              | 4.12  | 43  | 4292    | 4.711 ug/L   | 66     |
| 16) Methylene chloride   | 4.93  | 84  | 13327m  | 1.792 ug/L   | 96     |
| 35) Trichloroethene      | 9.09  | 95  | 3149    | 0.526 ug/L   | 90     |
| 43) 4-Methyl-2-pentanone | 10.21 | 43  | 2639    | 1.095 ug/L   | 90     |
| 47) Tetrachloroethene    | 10.87 | 164 | 2473102 | 445.643 ug/L | 97     |

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

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