

Quantitation Report (QT/LSC Reviewed)

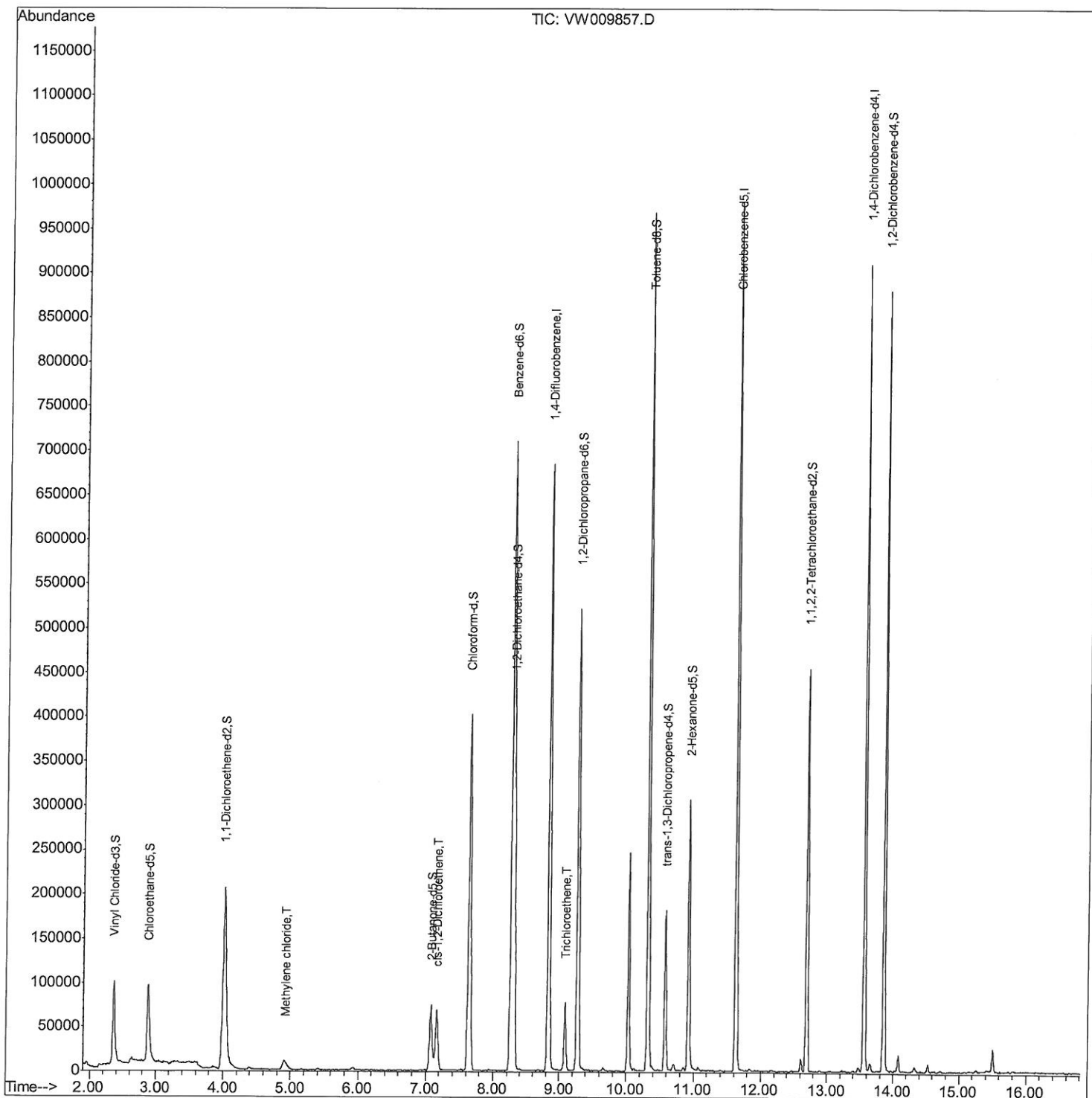
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW040819\  
 Data File : VW009857.D  
 Acq On : 10 Apr 2019 00:34  
 Operator : SY/VA  
 Sample : K2327-14  
 Misc : 6.28G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 BF0Y7

Manual Integrations  
 APPROVED

MMDadoda  
 4/11/2019 2:05:57 PM

Quant Time: Apr 10 05:55:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 10 04:42:28 2019  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

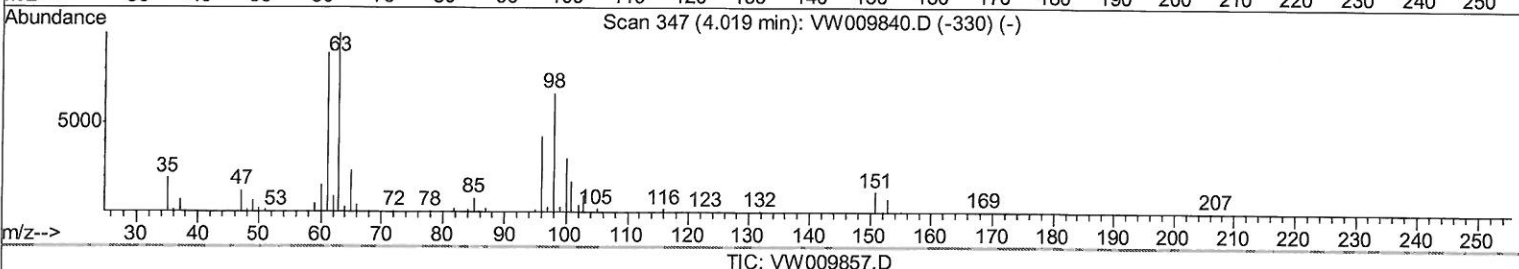
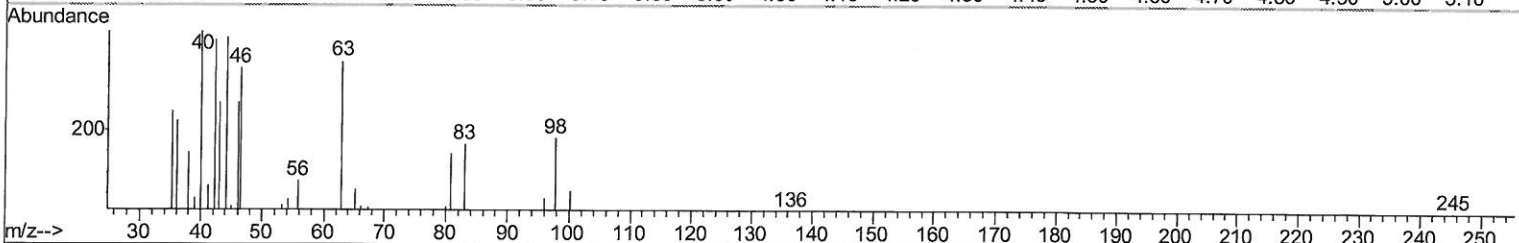
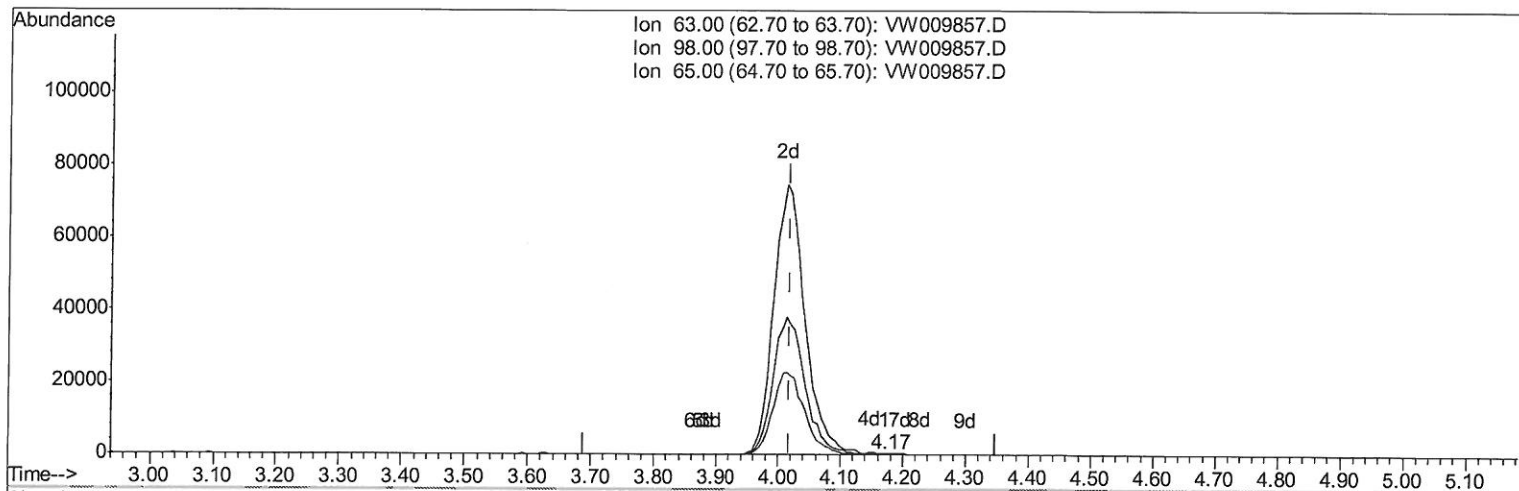
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TIC: VW009857.D

(10) 1,1-Dichloroethene-d2 (S)

4.171min (+0.152) 0.02ug/L

response 235

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 69.10 | 61.70 |
| 65.00 | 21.80 | 22.55 |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

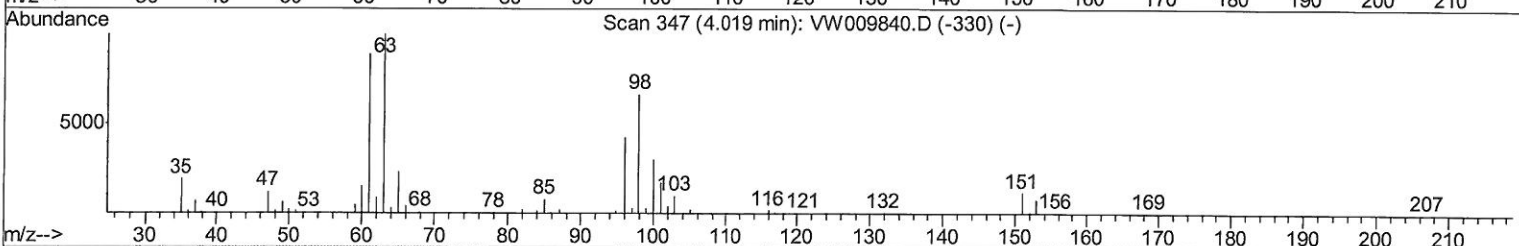
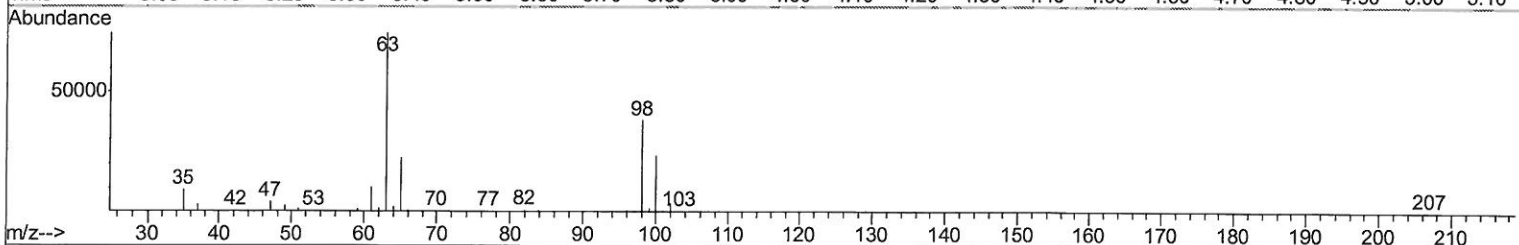
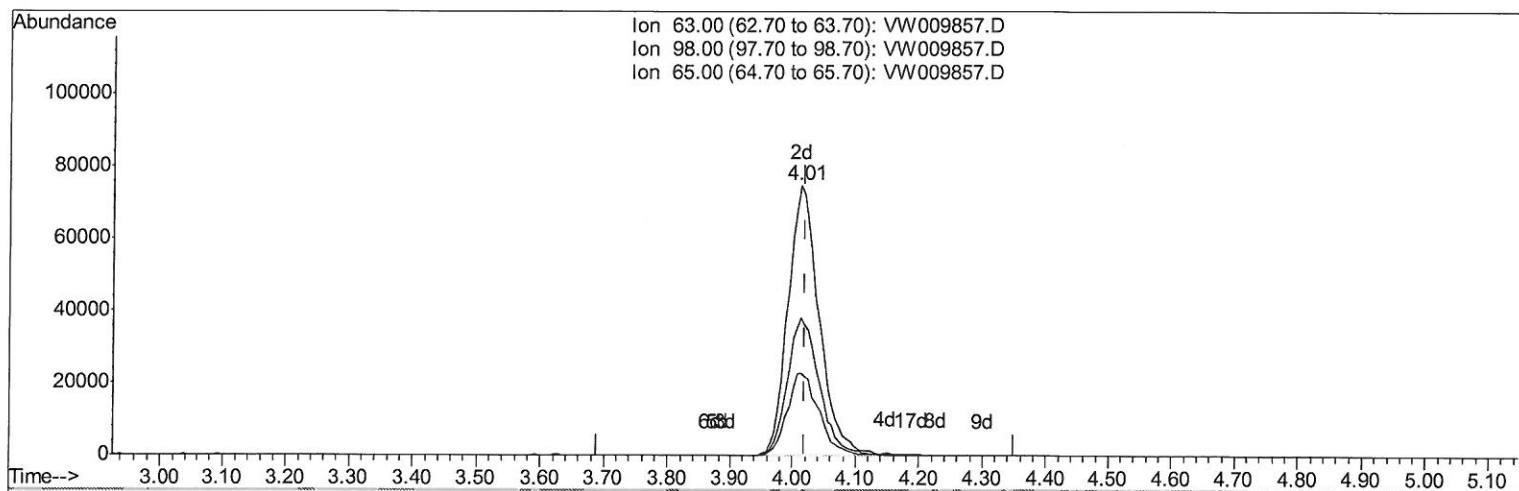
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 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
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TIC: VW009857.D

(10) 1,1-Dichloroethene-d2 (S)

4.013min (-0.006) 17.90ug/L m

response 256795

*7 MD*  
*4/11/19*

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 69.10 | 0.06# |
| 65.00 | 21.80 | 0.02# |
| 0.00  | 0.00  | 0.00  |

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 509799   | 25.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 495758   | 25.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 210287   | 25.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 135037   | 20.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 125004   | 20.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.80%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 256795m  | 17.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.60%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 126758   | 58.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 117.04% |
| 24) Chloroform-d               | 7.65   | 84    | 372112   | 26.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 107.00% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 235947   | 27.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 110.52% |
| 29) Benzene-d6                 | 8.27   | 84    | 679422   | 26.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 104.44% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 214370   | 26.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 106.68% |
| 37) Toluene-d8                 | 10.32  | 98    | 595067   | 24.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 98.92%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 90902    | 23.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 94.84%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 88382    | 58.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 116.66% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 197117   | 26.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 105.52% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 219119   | 29.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 118.76% |

## Target Compounds

|                            |      |    |       |       | Qvalue  |
|----------------------------|------|----|-------|-------|---------|
| 16) Methylene chloride     | 4.91 | 84 | 9553  | 1.063 | ug/L 96 |
| 22) cis-1,2-Dichloroethene | 7.16 | 96 | 38090 | 5.057 | ug/L 96 |
| 35) Trichloroethene        | 9.09 | 95 | 24074 | 3.084 | ug/L 98 |

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