

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW020520\  
Quantitation Report (Qedit)

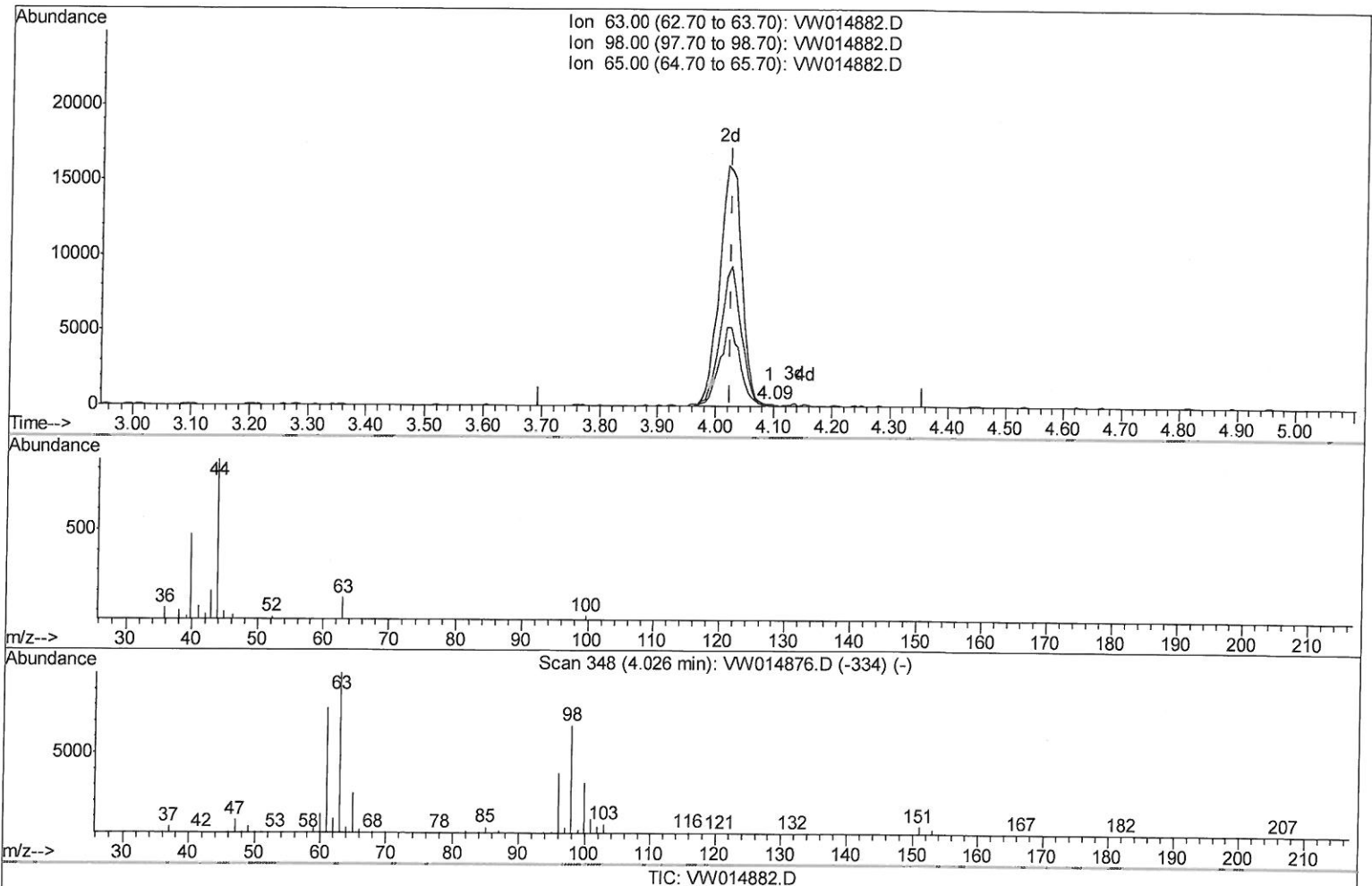
Data File : VW014882.D  
Acq On : 05 Feb 2020 21:33  
Operator : SY/VA  
Sample : L1324-19  
Misc : 5.10G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GAT74

Manual Integrations  
APPROVED

MMDadoda  
2/6/2020 4:45:27 PM

Quant Time: Feb 06 03:02:09 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Feb 06 02:59:09 2020  
Response via : Initial Calibration



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

4.092min (+0.067) 0.06ug/L

response 102

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 68.60 | 49.02 |
| 65.00 | 23.10 | 26.47 |
| 0.00  | 0.00  | 0.00  |

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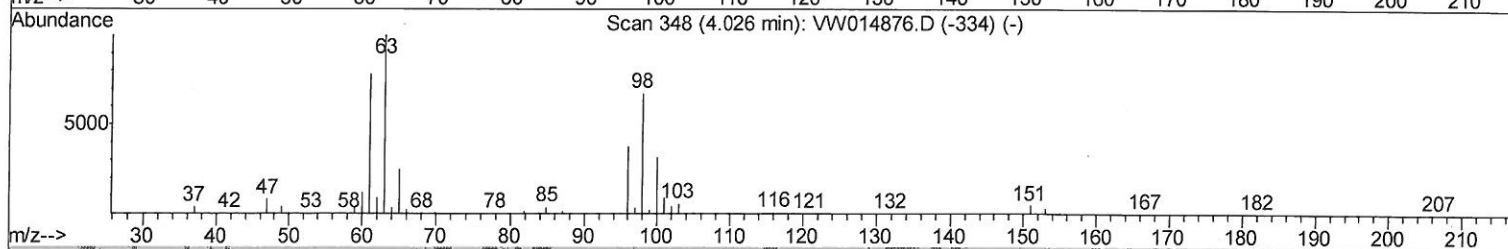
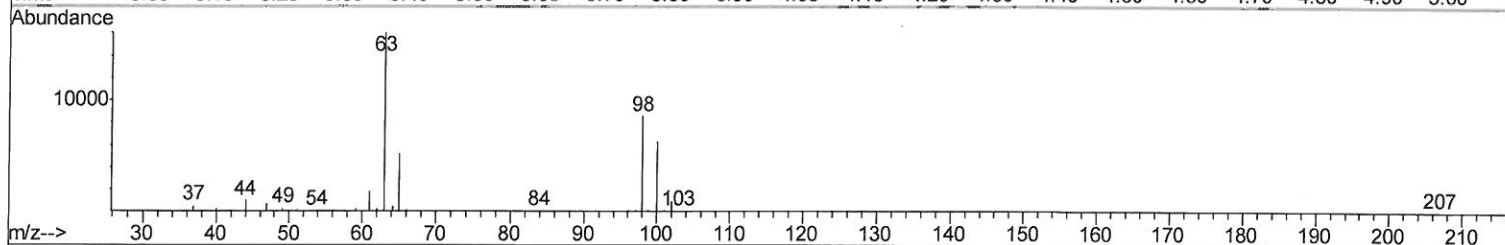
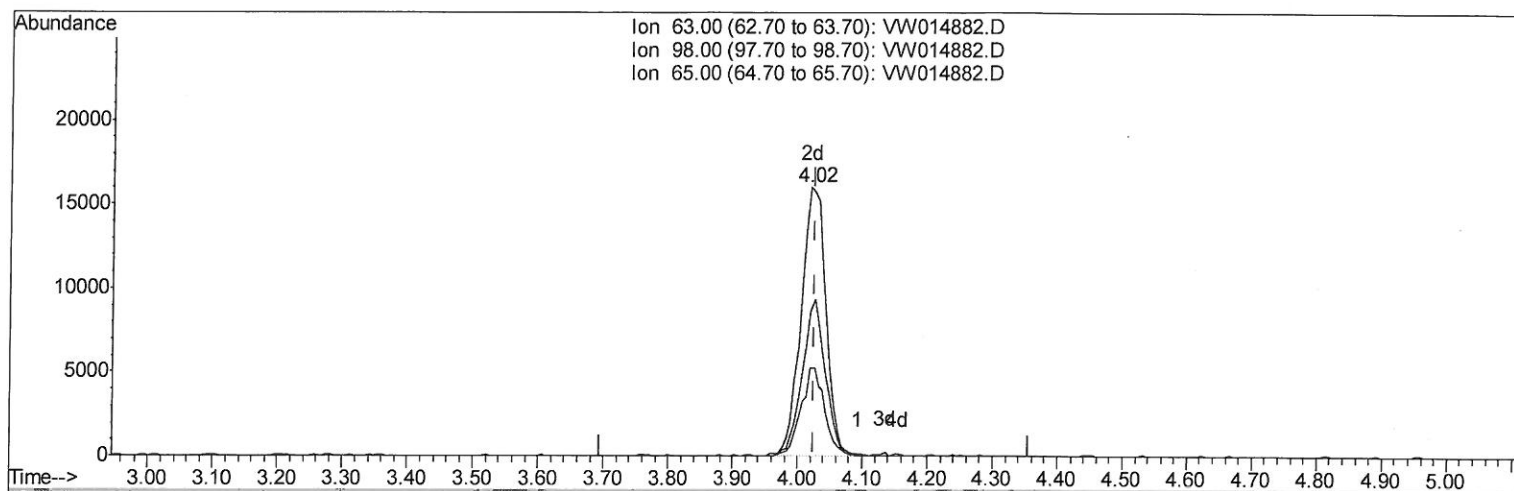
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TIC: VW014882.D

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

4.019min (-0.006) 23.92ug/L m

502106/20 SY

response 42842

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 68.60 | 0.12# |
| 65.00 | 23.10 | 0.06# |
| 0.00  | 0.00  | 0.00  |

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Manual Integrations  
APPROVED

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2/6/2020 4:45:27 PM

Quant Time: Feb 06 03:46:52 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Feb 06 02:59:09 2020  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 59224    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 48034    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 7177     | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 28135    | 28.70    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 114.80%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 33784    | 43.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 172.16%# |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 42842m   | 23.92    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 95.68%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 16407    | 59.63    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 119.26%  |
| 24) Chloroform-d               | 7.65   | 84    | 66544    | 39.57    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 158.28%# |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 37723    | 40.54    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 162.16%# |
| 29) Benzene-d6                 | 8.27   | 84    | 113784   | 36.84    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 147.36%# |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 42198    | 41.92    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 167.68%# |
| 37) Toluene-d8                 | 10.32  | 98    | 72321    | 26.60    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 106.40%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 10467    | 26.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 105.32%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 7433     | 40.51    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.02%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 28434    | 37.51    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 150.04%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 10586    | 38.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 152.16%# |

| Target Compounds       |       |    |      |       | Qvalue  |
|------------------------|-------|----|------|-------|---------|
| 16) Methylene chloride | 4.93  | 84 | 4881 | 4.524 | ug/L 73 |
| 44) Toluene            | 10.39 | 91 | 5007 | 1.493 | ug/L 99 |

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

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