

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW020420\  
Quantitation Report (Qedit)

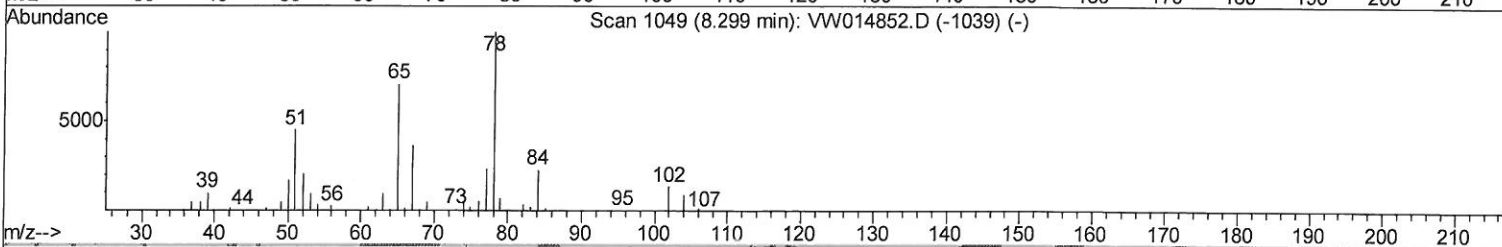
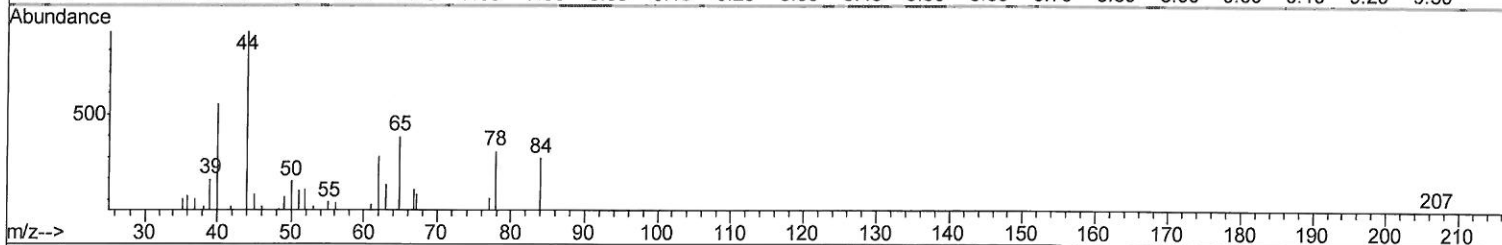
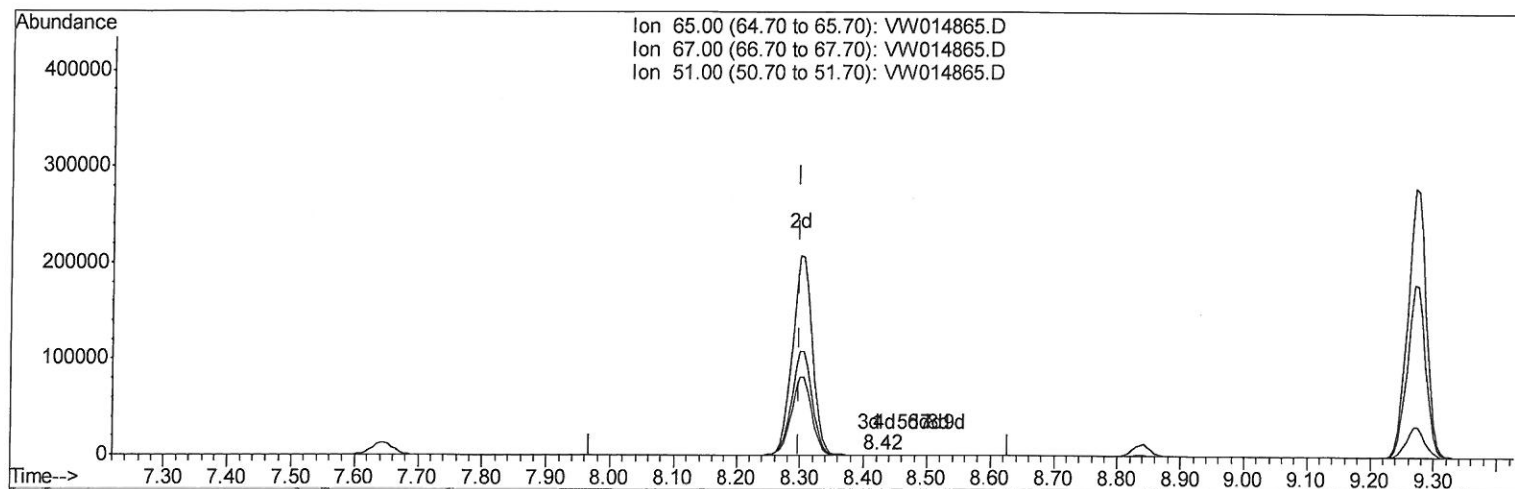
Data File : VW014865.D  
Acq On : 04 Feb 2020 17:58  
Operator : SY/VA  
Sample : L1324-07  
Misc : 5.04G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampled :  
GAT64

Manual Integrations  
APPROVED

MMDadoda  
2/5/2020 6:25:20 PM

Quant Time: Feb 05 03:45:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020320S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Feb 05 03:41:59 2020  
Response via : Initial Calibration



TIC: VW014865.D

(26) 1,2-Dichloroethane-d4 (S)

8.421min (+0.122) 0.01ug/L

response 194

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100    | 100    |
| 67.00 | 53.20  | 55.67  |
| 51.00 | 103.40 | 102.06 |
| 0.00  | 0.00   | 0.00   |

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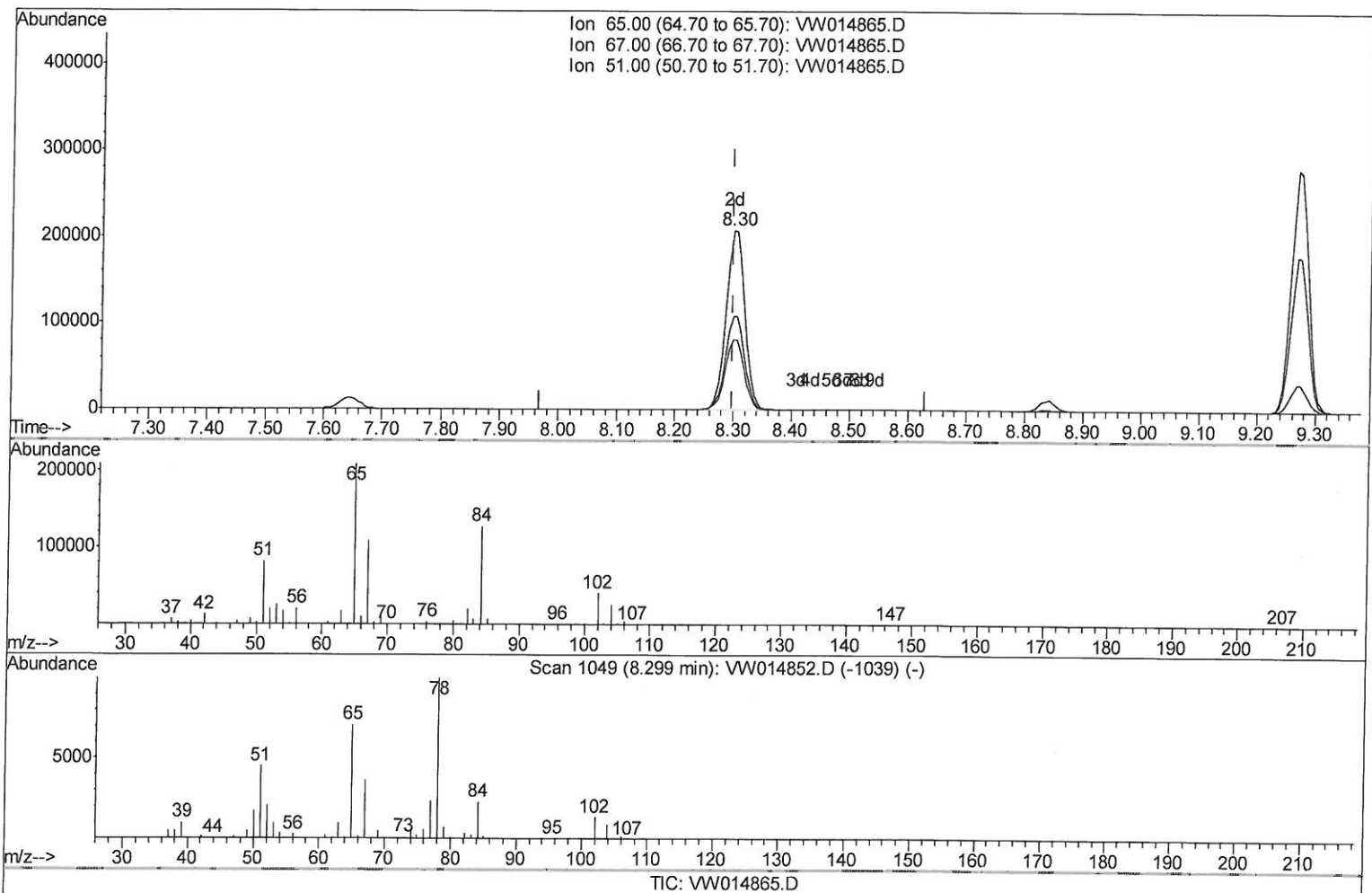
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(26) 1,2-Dichloroethane-d4 (S)

8.299min (-0.000) 22.58ug/L m

response 460487

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 53.20  | 0.02# |
| 51.00 | 103.40 | 0.04# |
| 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  | 1139429  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1046148  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 458653   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 335870   | 18.82    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.28% |
| 7) Chloroethane-d5             | 2.89   | 69    | 327487   | 19.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 76.76% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 542938   | 14.32    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 57.28% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 293243   | 43.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.44% |
| 24) Chloroform-d               | 7.65   | 84    | 799028   | 22.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.12% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 460487m  | 22.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.32% |
| 29) Benzene-d6                 | 8.27   | 84    | 1677025  | 22.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 90.96% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 565707   | 23.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.60% |
| 37) Toluene-d8                 | 10.32  | 98    | 1473715  | 22.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.56% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 203431   | 21.26    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.04% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 228659   | 48.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 96.66% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 423924   | 22.51    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.04% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 475976   | 24.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.08% |

| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 20727 | 2.857 ug/L | 98     |
| 16) Methylene chloride | 4.92 | 84 | 56224 | 2.672 ug/L | 95     |

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

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