

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW111419\  
Quantitation Report (Qedit)

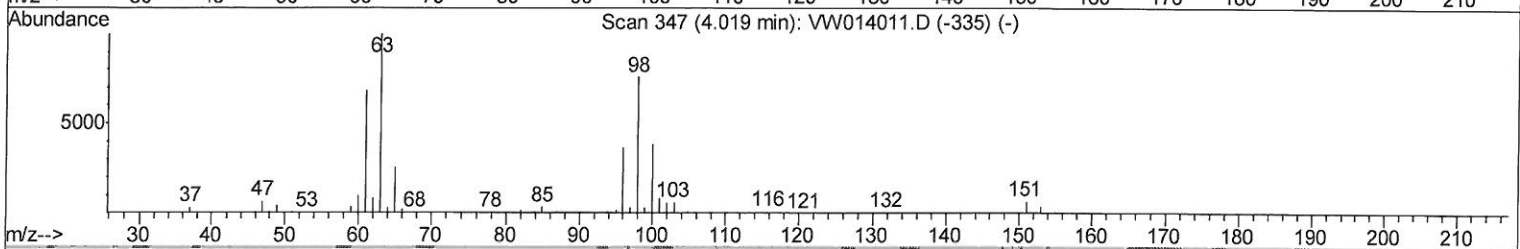
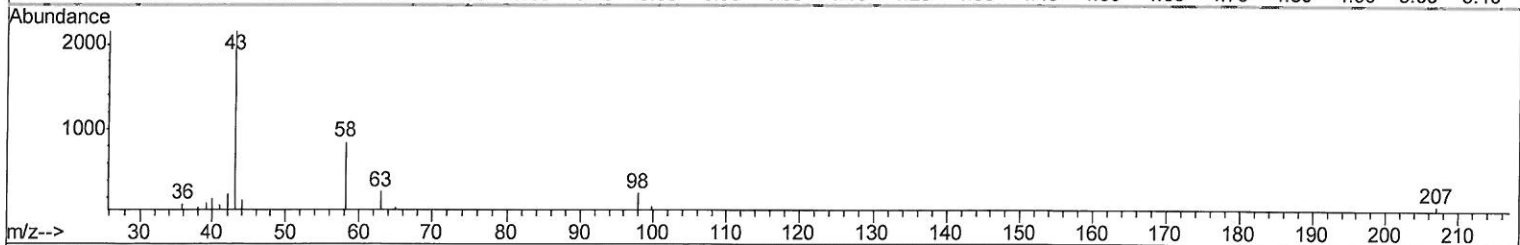
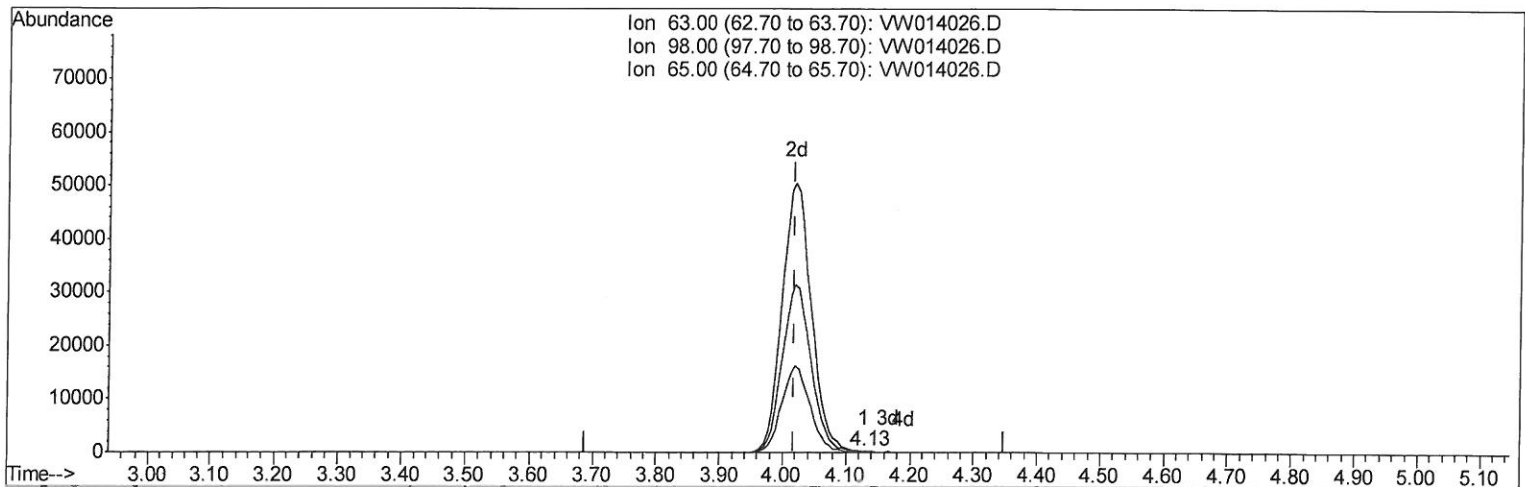
Data File : VW014026.D  
Acq On : 14 Nov 2019 17:39  
Operator : SY/VA  
Sample : K5810-01  
Misc : 4.81G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFLY0

Manual Integrations  
APPROVED

MMDadoda  
11/15/2019 9:43:32 AM

Quant Time: Nov 15 01:50:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 15 01:46:12 2019  
Response via : Initial Calibration



TIC: VW014026.D

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

4.129min (+0.110) 0.02ug/L

response 282

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 79.10 | 97.16 |
| 65.00 | 23.50 | 18.79 |
| 0.00  | 0.00  | 0.00  |

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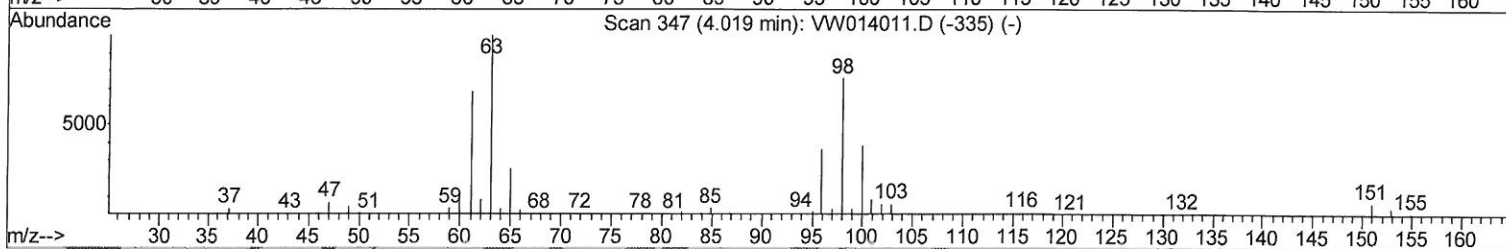
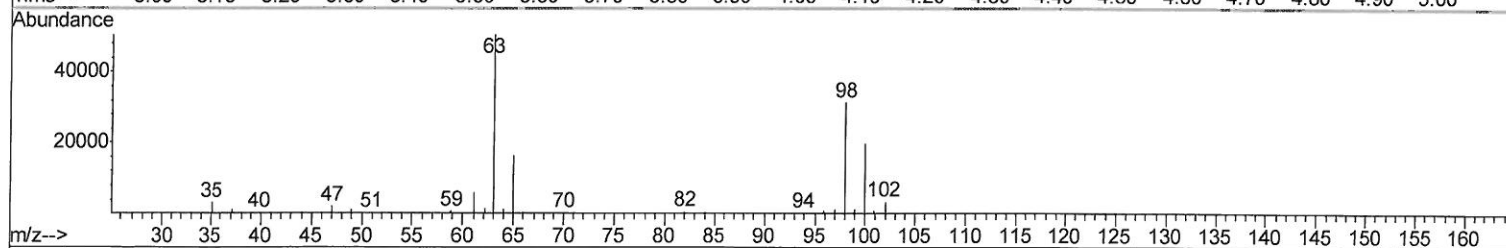
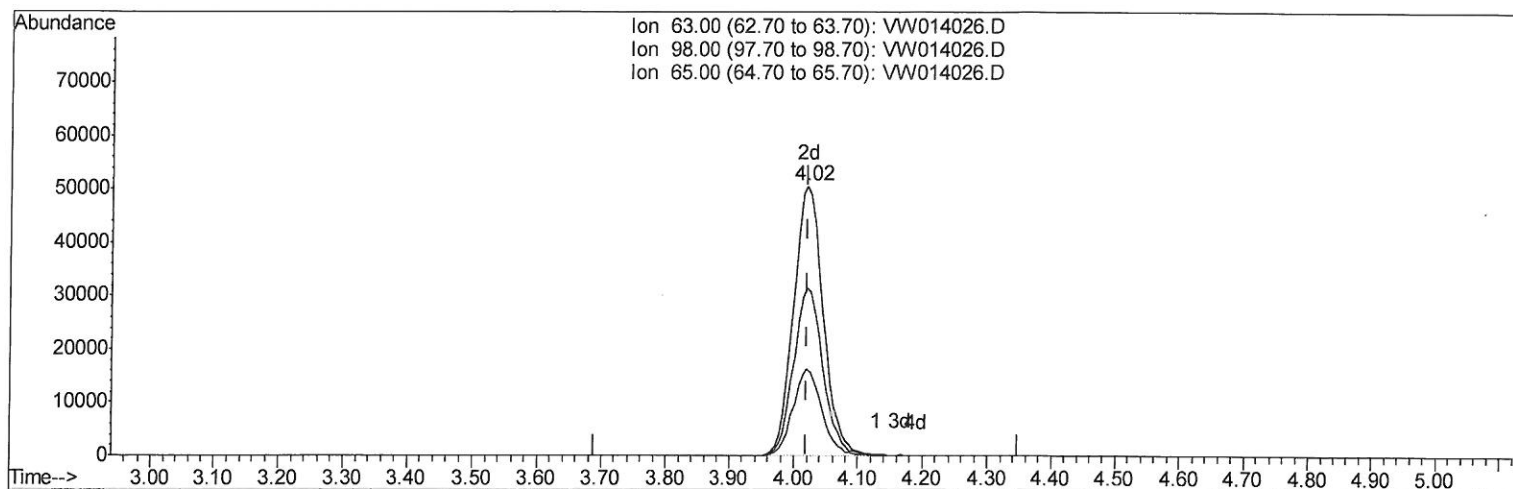
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TIC: VW014026.D

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

4.019min (-0.000) 13.59ug/L m

response 161958

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 79.10 | 0.17# |
| 65.00 | 23.50 | 0.03# |
| 0.00  | 0.00  | 0.00  |

11/15/19 SY

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Manual Integrations  
APPROVED

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11/15/2019 9:43:32 AM

Quant Time: Nov 15 03:36:08 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
Quant Title : VOC Analysis  
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Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 364038   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 304661   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 112446   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 103491   | 17.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 71.28%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 89870    | 19.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 76.36%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 161958m  | 13.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 54.36%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 70741    | 41.92    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.84%  |
| 24) Chloroform-d               | 7.65   | 84    | 106063   | 9.48     | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 37.92%# |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 129096   | 22.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 91.76%  |
| 29) Benzene-d6                 | 8.27   | 84    | 504528   | 23.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.36%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 155894   | 24.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.48%  |
| 37) Toluene-d8                 | 10.32  | 98    | 427834   | 20.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.48%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 54282    | 20.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 80.08%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 51354    | 42.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.54%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 11455    | 2.40     | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 9.60%#  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 100543   | 22.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.04%  |

11/15/19 sy

#### Target Compounds

|                           |       |     |        |        | Qvalue   |
|---------------------------|-------|-----|--------|--------|----------|
| 13) Acetone               | 4.14  | 43  | 7451   | 4.340  | ug/L 75  |
| 25) Chloroform            | 7.68  | 83  | 141124 | 13.313 | ug/L 100 |
| 31) 1,1,1-Trichloroethane | 7.87  | 97  | 5386   | 0.705  | ug/L 94  |
| 35) Trichloroethene       | 9.09  | 95  | 401716 | 67.390 | ug/L 99  |
| 47) Tetrachloroethene     | 10.86 | 164 | 29054  | 5.468  | ug/L 87  |
| 54) m,p-Xylene            | 11.83 | 106 | 3489   | 0.336  | ug/L 74  |
| 65) 1,2-Dichlorobenzene   | 13.87 | 146 | 16179  | 2.314  | ug/L 96  |

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

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