

# Quantitation Report (Qedit)

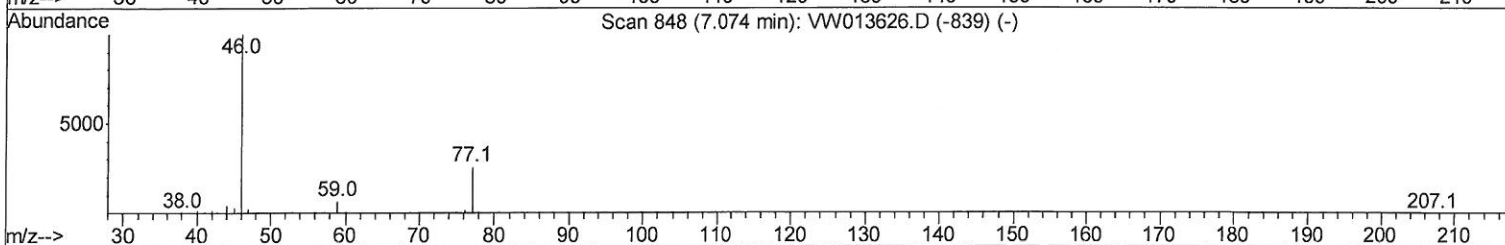
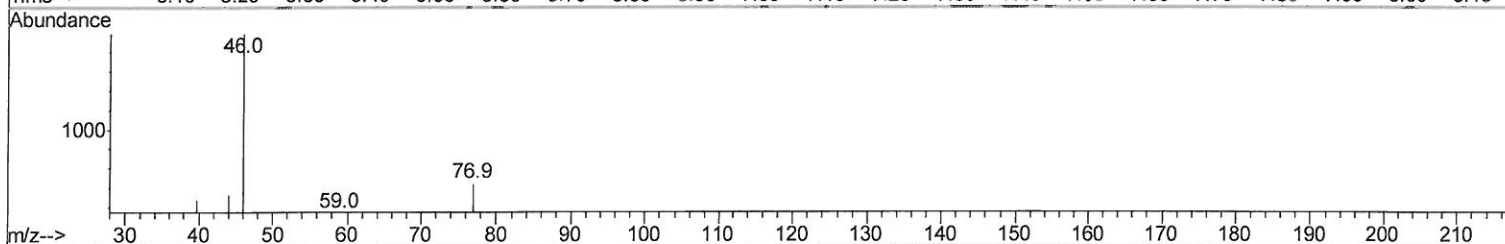
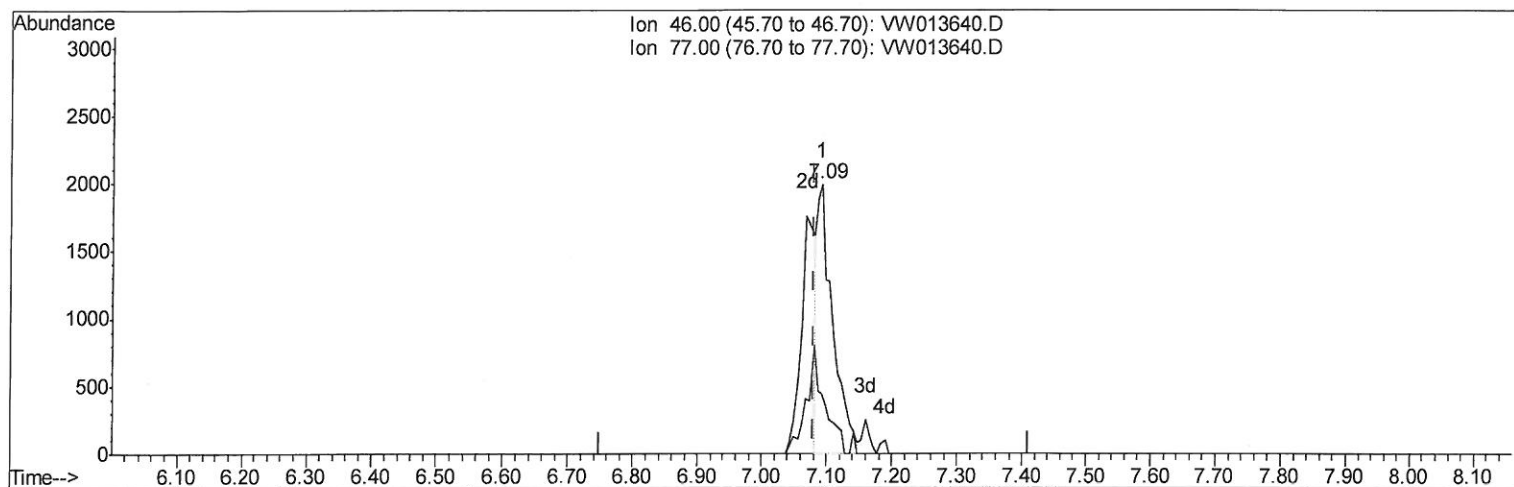
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\  
 Data File : VW013640.D  
 Acq On : 21 Oct 2019 17:11  
 Operator : SY/VA  
 Sample : K5422-08  
 Misc : 5.70G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AB9

Manual Integrations  
 APPROVED

MMDadoda  
 10/22/2019 12:39:11 PM

Quant Time: Oct 21 18:30:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 21 16:37:58 2019  
 Response via : Initial Calibration



TIC: VW013640.D

(20) 2-Butanone-d5 (S)

7.092min (+0.012) 16.65ug/L

response 3377

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 46.00 | 100   | 100    |
| 77.00 | 26.20 | 45.78# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

# Quantitation Report (Qedit)

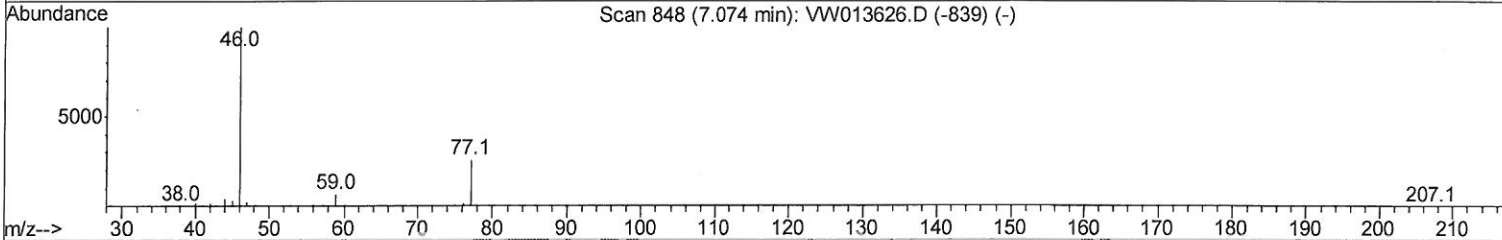
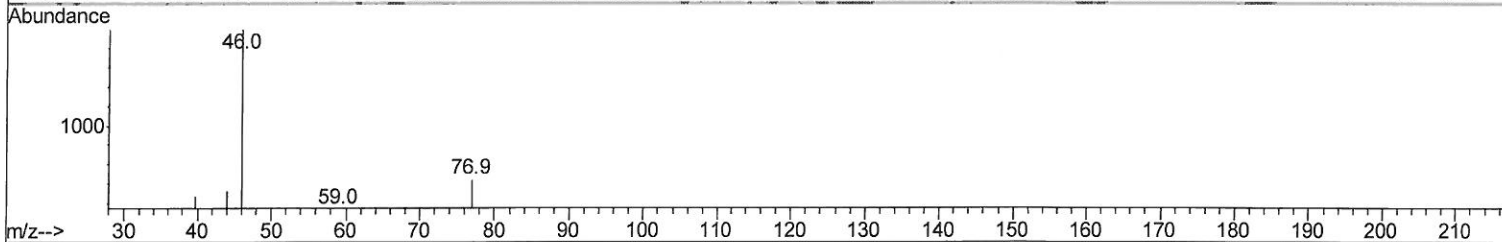
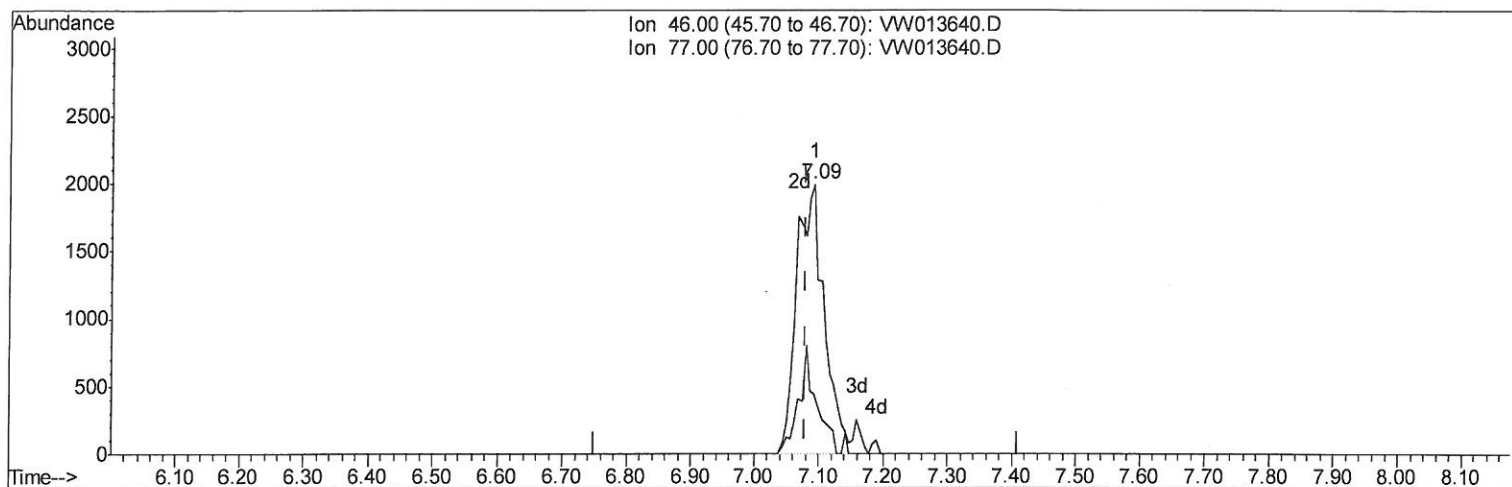
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TIC: VW013640.D

(20) 2-Butanone-d5 (S)

7.092min (+0.012) 30.07ug/L m

10/23/19 Sy

response 6098

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 26.20 | 25.35 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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Instrument :  
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Manual Integrations  
 APPROVED

MMDadoda  
 10/22/2019 12:39:11 PM

Quant Time: Oct 21 18:53:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 21 16:37:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 46213    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 36681    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 11103    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 17716    | 31.24    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 124.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 16351    | 30.89    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 123.56%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 28286    | 22.59    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 90.36%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 6098m    | 30.07    | ug/L | 0.01     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 60.14%   |
| 24) Chloroform-d               | 7.65   | 84    | 33260    | 25.72    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 17351    | 25.66    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 102.64%  |
| 29) Benzene-d6                 | 8.27   | 84    | 71441    | 32.42    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 129.68%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 20963    | 31.85    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 127.40%# |
| 37) Toluene-d8                 | 10.32  | 98    | 56101    | 27.60    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 110.40%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 6367     | 21.44    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.76%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 3810     | 30.28    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 60.56%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 12852    | 23.84    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.36%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 9927     | 25.30    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.20%  |

| Target Compounds       |      |    |      | Ovalue        |
|------------------------|------|----|------|---------------|
| 16) Methylene chloride | 4.92 | 84 | 6660 | 7.526 ug/L 93 |

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

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