

# Quantitation Report (Qedit)

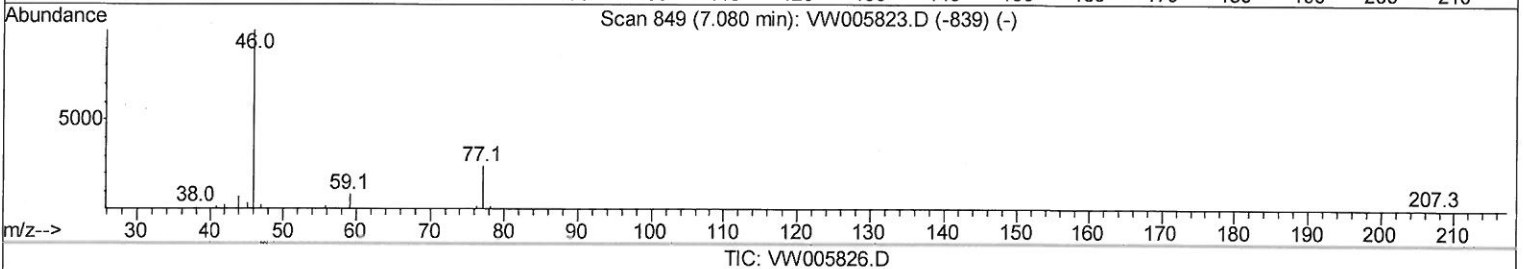
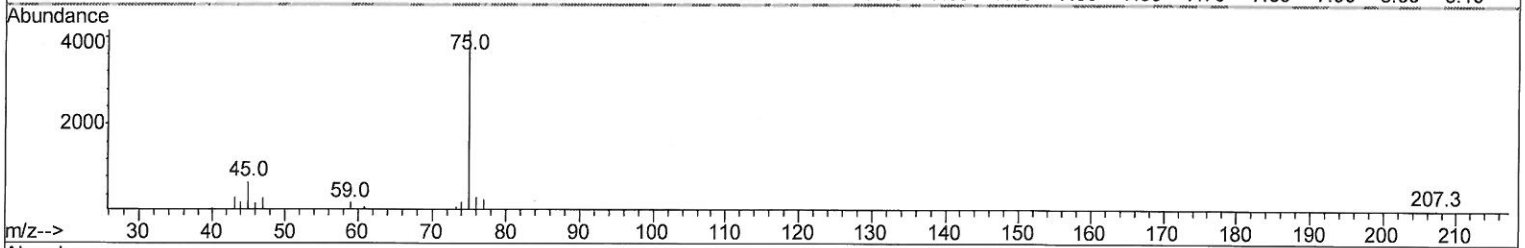
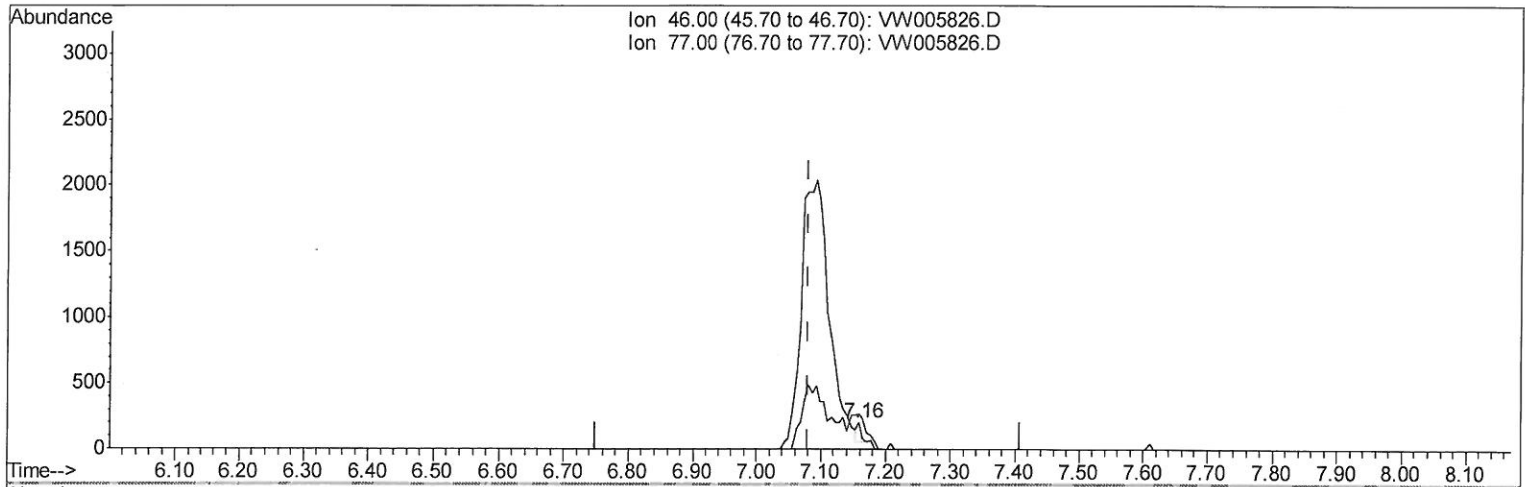
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\  
 Data File : VW005826.D  
 Acq On : 03 Oct 2018 22:01  
 Operator : SY/AP  
 Sample : J5182-10  
 Misc : 4.19G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 JLC59RE

**Manual Integrations**  
**APPROVED**

MMDadoda  
 10/5/2018 7:12:51 PM

Quant Time: Oct 04 07:04:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 04 07:04:02 2018  
 Response via : Initial Calibration



TIC: VW005826.D

(20) 2-Butanone-d5 (S)

7.159min (+0.079) 0.39ug/L

response 61

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 46.00 | 100   | 100     |
| 77.00 | 25.60 | 790.16# |
| 0.00  | 0.00  | 0.00    |
| 0.00  | 0.00  | 0.00    |

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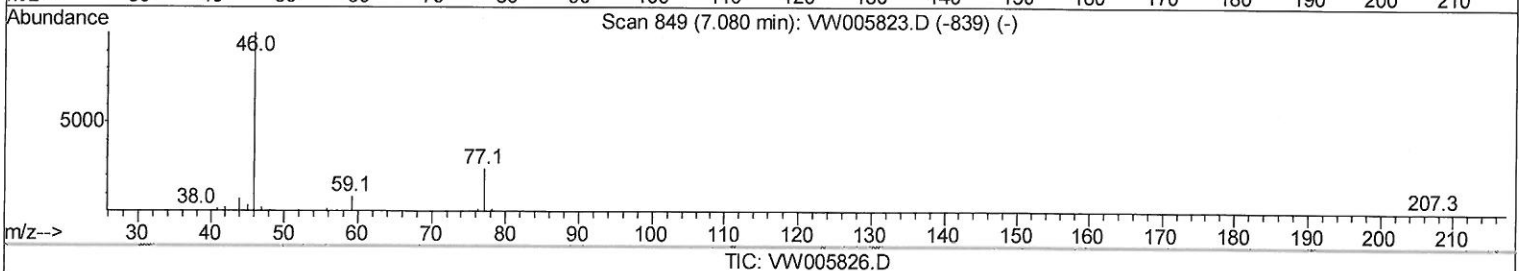
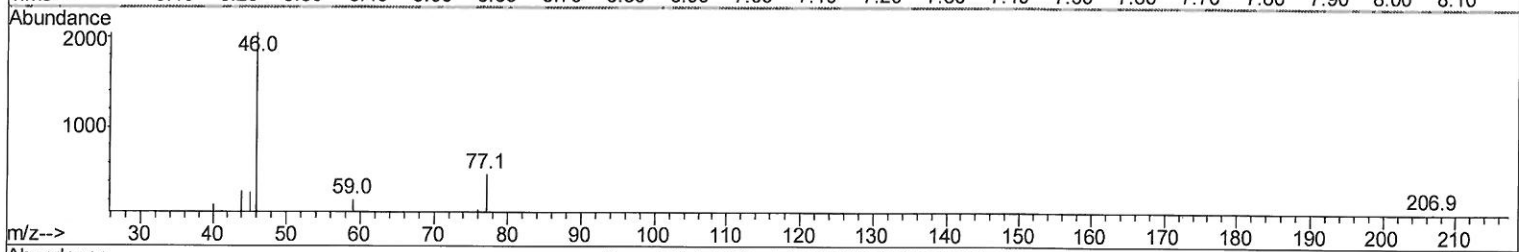
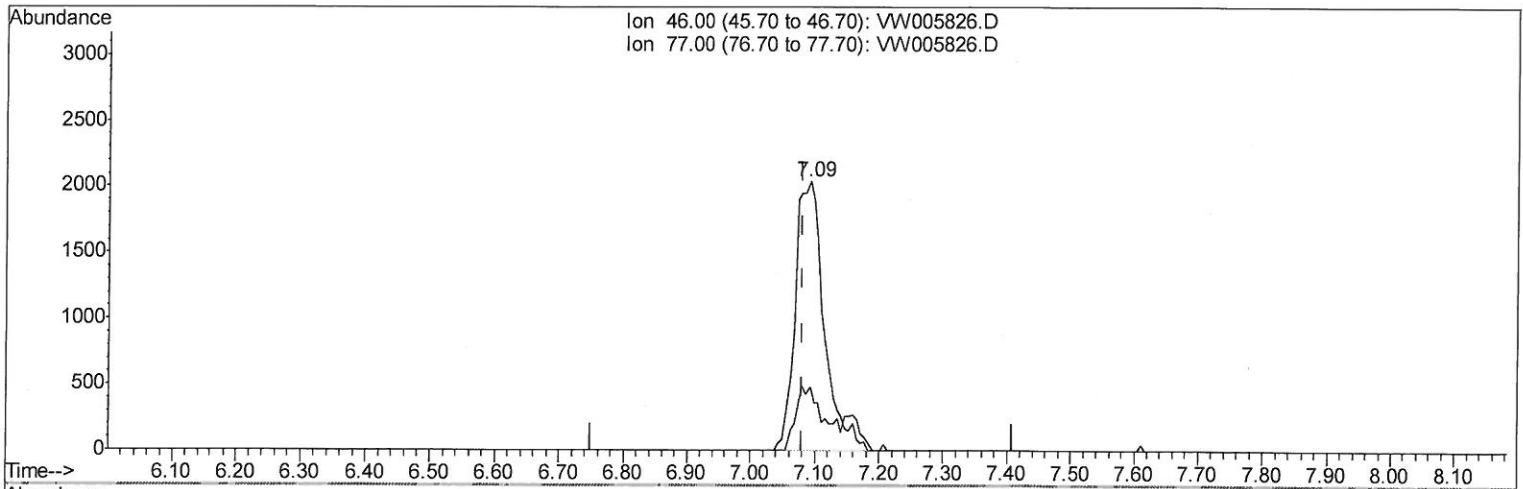
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(20) 2-Butanone-d5 (S)

7.092min (+0.012) 40.79ug/L m

response 6359

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 25.60 | 7.58# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

*Handwritten signature: >10/08/18 sy*

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 38096    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 35357    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 12829    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |          |      |       |
|--------------------------------|----------------|-----|------------|----------|------|-------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 8083       | 16.64    | ug/L | -0.01 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 66.56%   |      |       |
| 7) Chloroethane-d5             | 2.89           | 69  | 8363       | 22.07    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 88.28%   |      |       |
| 10) 1,1-Dichloroethene-d2      | 4.01           | 63  | 14127      | 13.32    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 53.28%   |      |       |
| 20) 2-Butanone-d5              | 7.09           | 46  | 6359m      | 40.79    | ug/L | 0.01  |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 81.58%   |      |       |
| 24) Chloroform-d               | 7.65           | 84  | 28032      | 28.64    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 114.56%  |      |       |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 18952      | 31.97    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 127.88%  |      |       |
| 29) Benzene-d6                 | 8.28           | 84  | 43349      | 24.77    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 99.08%   |      |       |
| 33) 1,2-Dichloropropane-d6     | 9.28           | 67  | 14089      | 27.85    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 111.40%  |      |       |
| 37) Toluene-d8                 | 10.33          | 98  | 34749      | 20.11    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 80.44%   |      |       |
| 38) trans-1,3-Dichloropropene- | 10.58          | 79  | 5461       | 20.55    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 82.20%   |      |       |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 3294       | 27.81    | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 55.62%   |      |       |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69          | 84  | 14948      | 30.42    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 121.68%# |      |       |
| 61) 1,2-Dichlorobenzene-d4     | 13.86          | 152 | 11653      | 25.67    | ug/L | 0.00  |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 102.68%  |      |       |

## Target Compounds

|                        |       |     |       |             | Ovalue |
|------------------------|-------|-----|-------|-------------|--------|
| 16) Methylene chloride | 4.92  | 84  | 11391 | 18.135 ug/L | 93     |
| 53) Ethylbenzene       | 11.74 | 91  | 5560  | 2.175 ug/L  | 100    |
| 54) m,p-Xylene         | 11.84 | 106 | 11602 | 12.047 ug/L | 85     |
| 55) o-xylene           | 12.16 | 106 | 4863  | 5.357 ug/L  | 76     |

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

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