# Quantitation Report (Qedit)

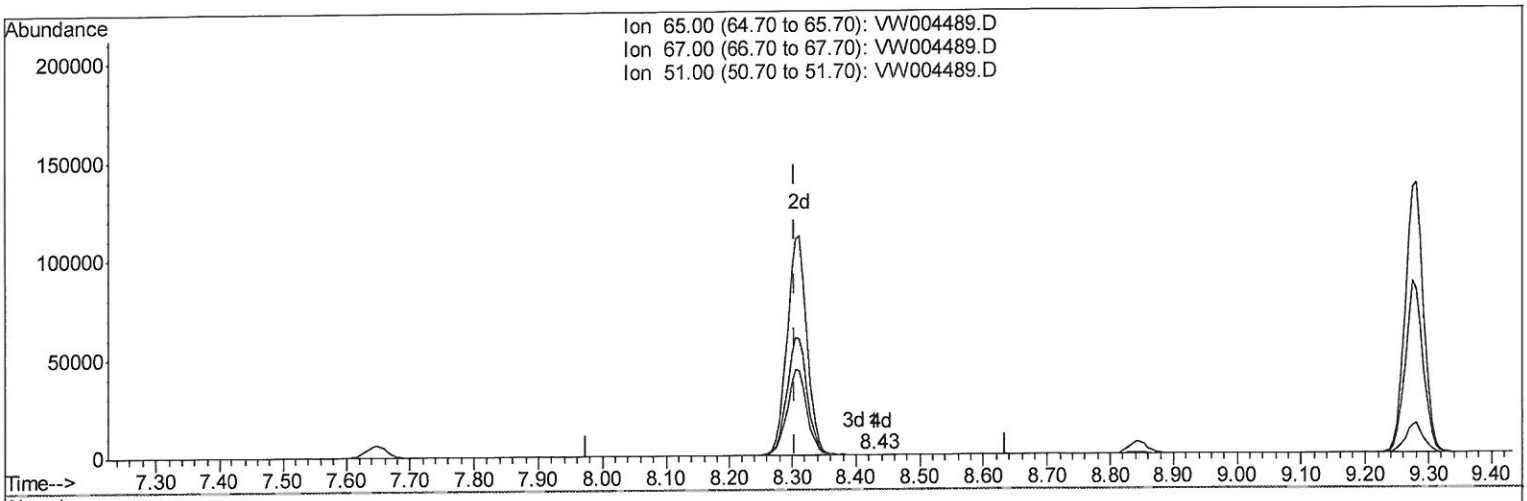
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
Data File : VW004489.D
Acq On : 07 Aug 2018 11:55
Operator : SY/AP
Sample : J4301-18RE

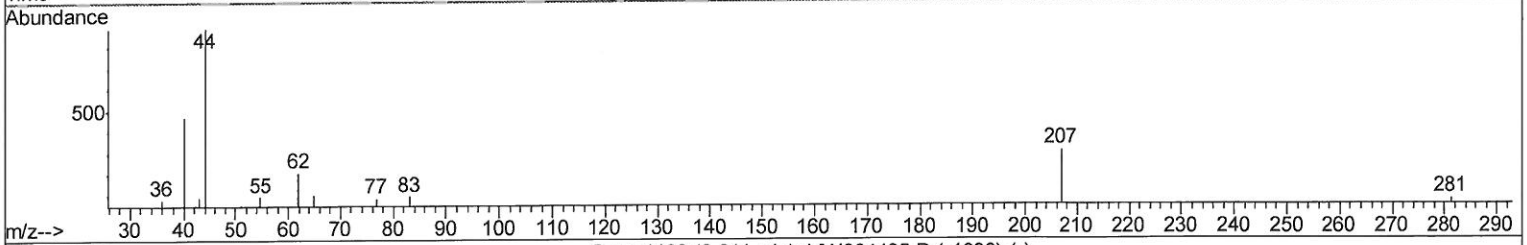
Misc : 5.61G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

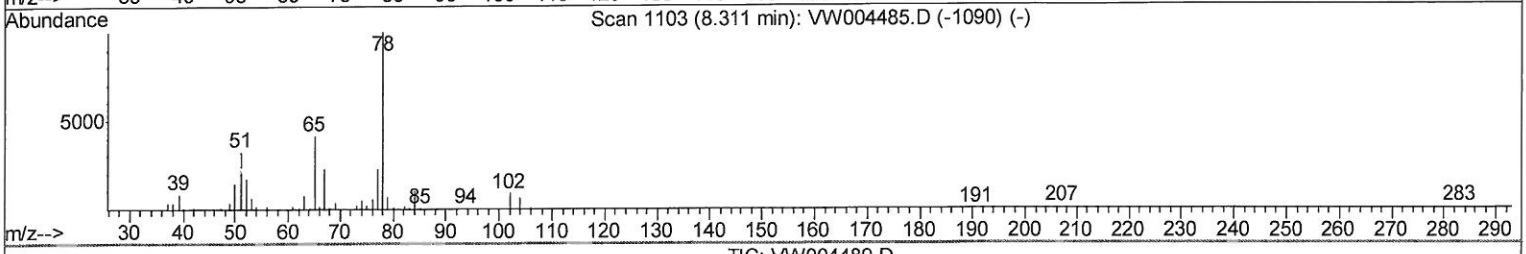
Quant Time: Aug 08 05:49:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 05:39:03 2018
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AF9RE

**Manual Integrations APPROVED**
MMDadoda
8/8/2018 9:10:50 AM




TIC: VW004489.D

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

8.427min (+0.122) 0.01ug/L

response 74

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100 | 100 |
| 67.00 | 55.10 | 71.62 |
| 51.00 | 107.50 | 100.00 |
| 0.00 | 0.00 | 0.00 |

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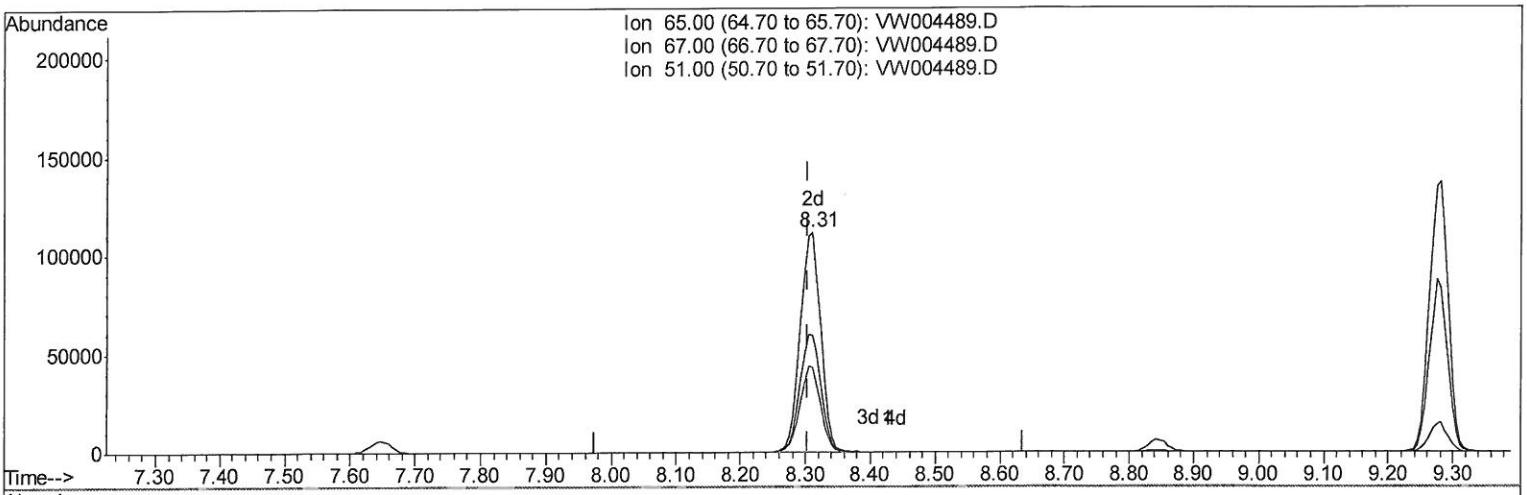


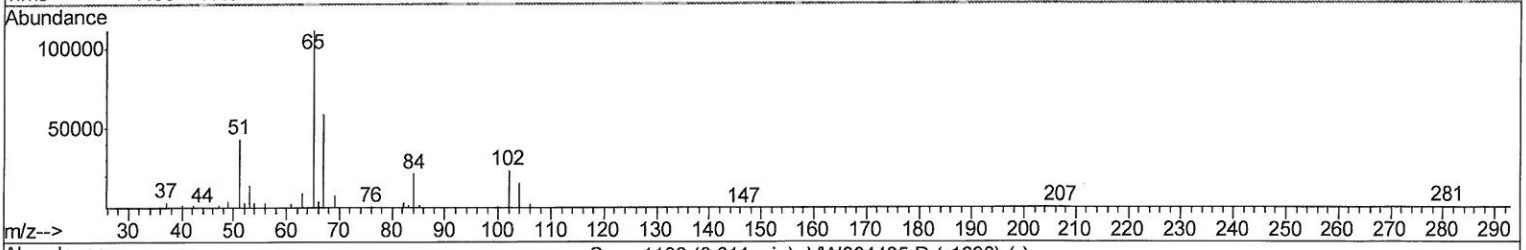


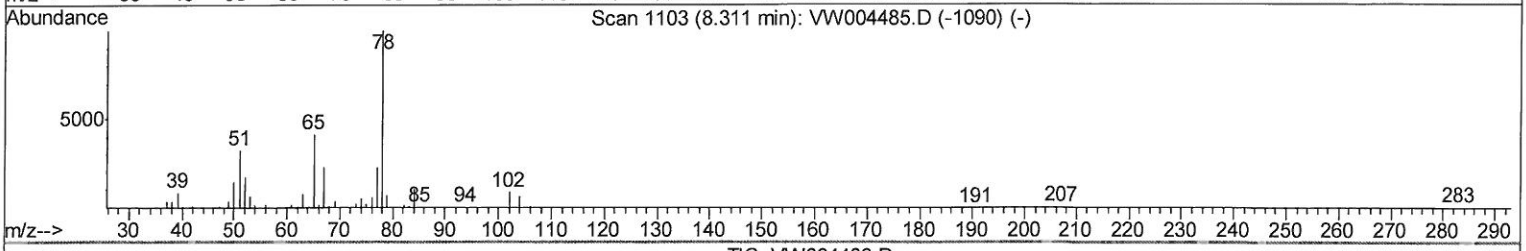


TIC: VW004489.D

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

8.311min (+0.006) 22.99ug/L m 08/13/18 SY

response 243512

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100 | 100 |
| 67.00 | 55.10 | 0.02# |
| 51.00 | 107.50 | 0.03# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080718\
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Operator : SY/AP
Sample : J4301-18RE
Misc : 5.61G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 08 07:51:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 05:39:03 2018
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** C0AF9RE

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 701630 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 596029 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 188527 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 188787 | 21.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 86.52% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 162891 | 22.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 88.76% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 282664 | 15.95 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 63.80% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 123010 | 31.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 63.94% | | | |
| 24) Chloroform-d | 7.65 | 84 | 433112 | 22.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 91.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 243512m | 22.99 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 91.96% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 795168 | 25.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 100.32% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 274544 | 26.49 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 105.96% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 600470 | 21.48 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 85.92% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 86661 | 20.34 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 81.36% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 84683 | 33.57 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 67.14% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 234853 | 20.90 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 83.60% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 162063 | 22.89 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 91.56% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.91 | 84 | 220023 | 15.788 | ug/L | 99 |

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

8/13/18 SY

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