Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111119\

Quantitation Report (Qedit)

Data File : VW013965.D
Acq On : 11 Nov 2019 17:59
Operator : SY/VA
Sample : K5784-02
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 12 06:13:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 06:10:10 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
JLNA9

**Manual Integrations APPROVED**
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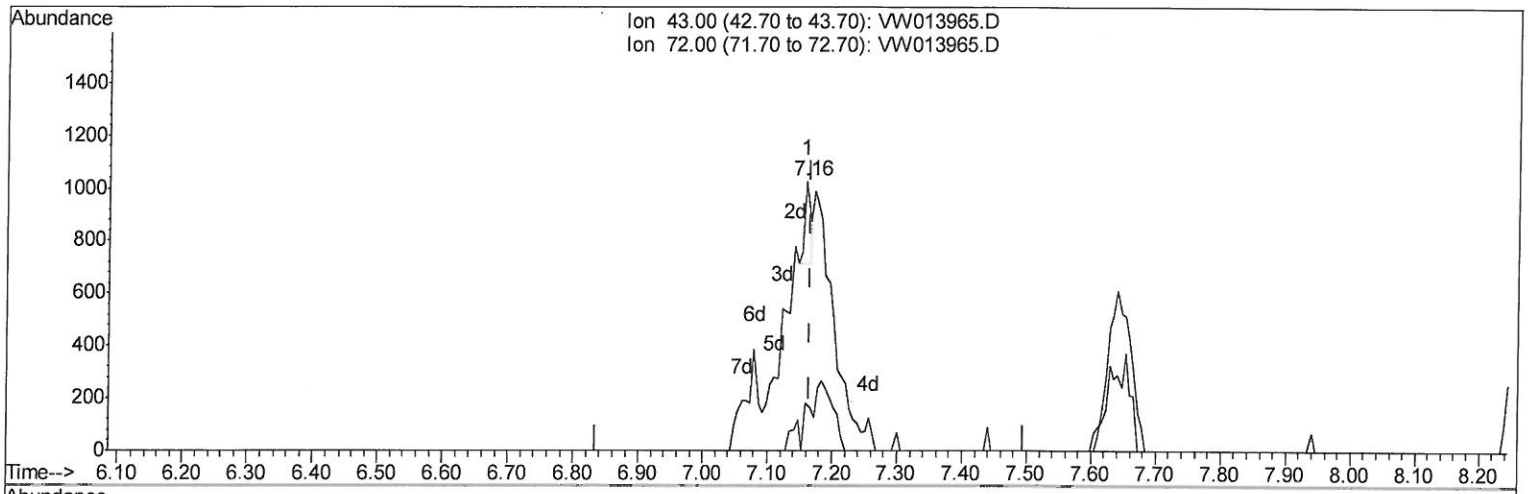
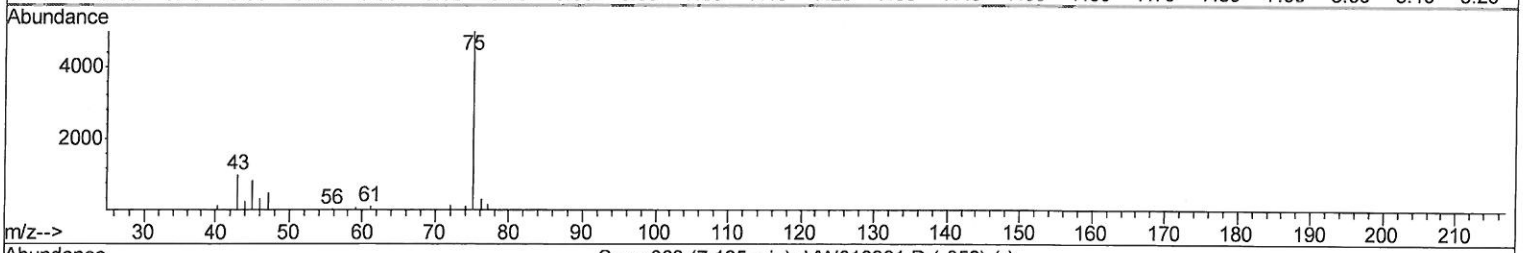
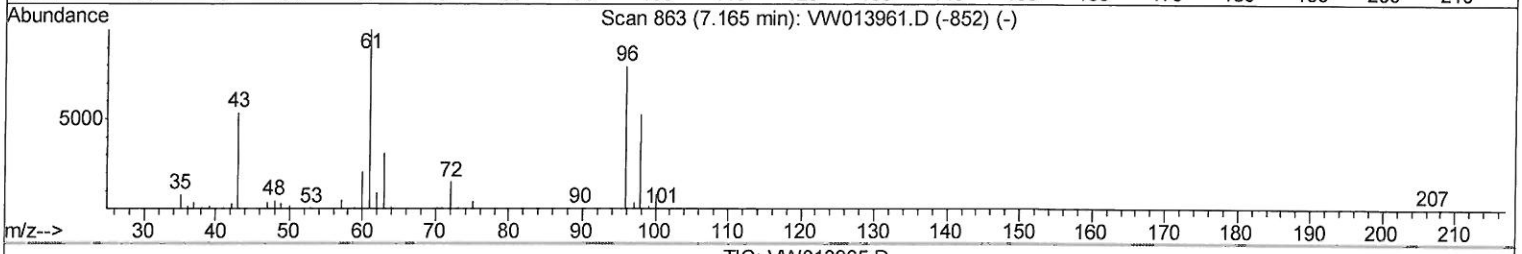
11/12/2019 4:18:43 PM




TIC: VW013965.D

(21) 2-Butanone

7.159min (-0.006) 0.10ug/L

response 186

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 72.00 | 28.10 | 93.55# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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**Manual Integrations APPROVED**
MMDadoda
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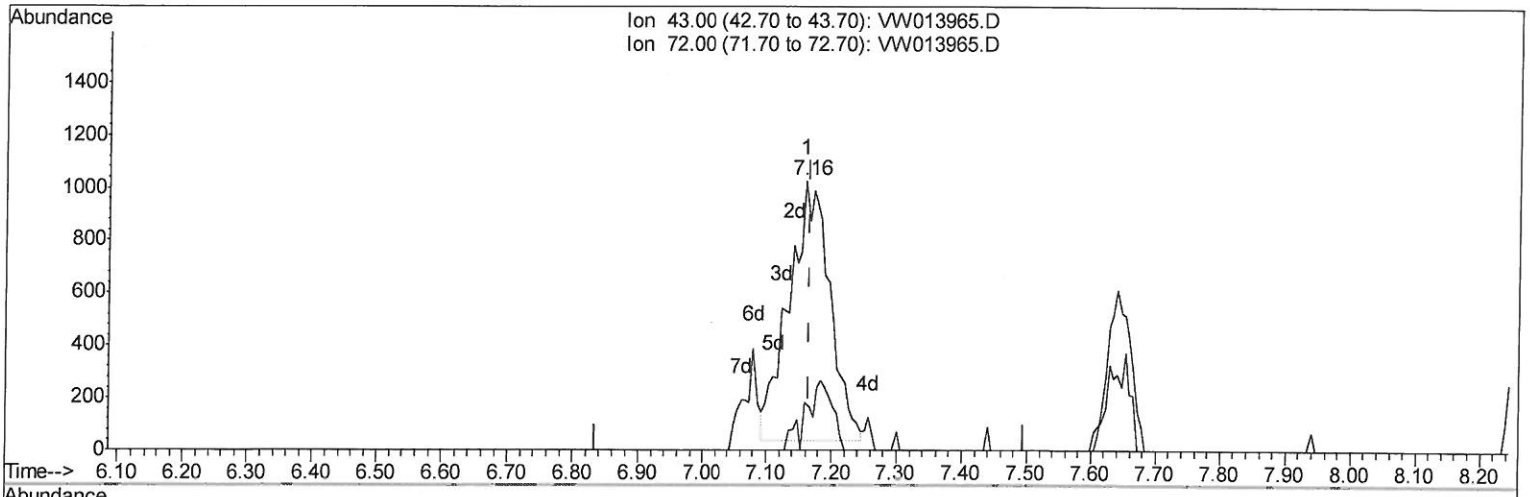


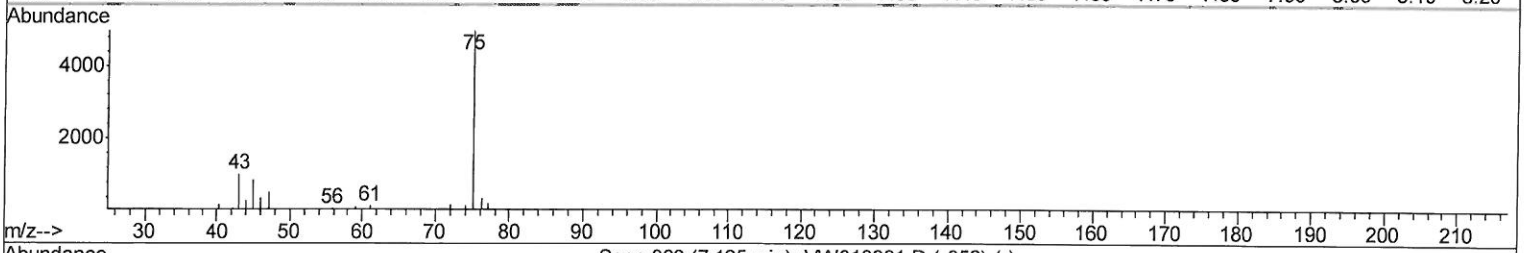


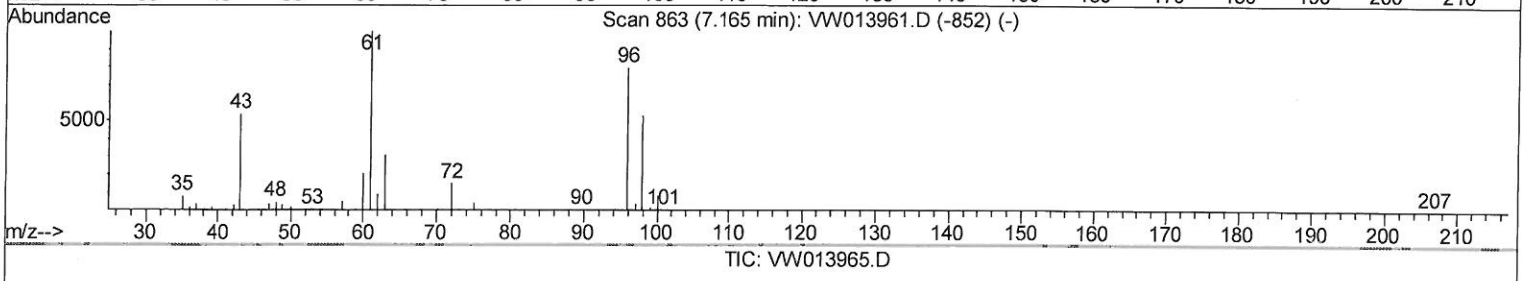


TIC: VW013965.D

(21) 2-Butanone

7.159min (-0.006) 2.39ug/L m > 11/12/19 SY

response 4279

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 72.00 | 28.10 | 4.07# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111119\

Quantitation Report (QT Reviewed)

Data File : VW013965.D
Acq On : 11 Nov 2019 17:59
Operator : SY/VA
Sample : K5784-02
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 12 06:56:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 06:10:10 2019
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** JLNA9

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 295791 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 265475 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 118037 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 99048 | 20.99 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 83.96% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 87441 | 22.85 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 91.40% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 162793 | 16.81 | ug/L | -0.01 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 67.24% | | | |
| 20) 2-Butanone-d5 | 7.07 | 46 | 75427 | 55.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 110.04% | | | |
| 24) Chloroform-d | 7.65 | 84 | 232355 | 25.55 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 102.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 127087 | 27.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 111.16% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 503573 | 26.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 106.92% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 156166 | 28.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 113.20% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 453649 | 25.40 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 101.60% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 58203 | 24.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 98.52% | | | |
| 39) 2-Hexanone-d5 | 10.92 | 63 | 62262 | 59.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 119.02% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 117742 | 28.26 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 113.04% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 121037 | 25.52 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 102.08% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 18681 | 13.390 | ug/L | 88 |
| 21) 2-Butanone | 7.16 | 43 | 4279m | 2.387 | ug/L | 98 |
| 44) Toluene | 10.39 | 91 | 7741 | 0.365 | ug/L | 98 |

11/12/19 SY

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

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