

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122719\  
Quantitation Report (Qedit)

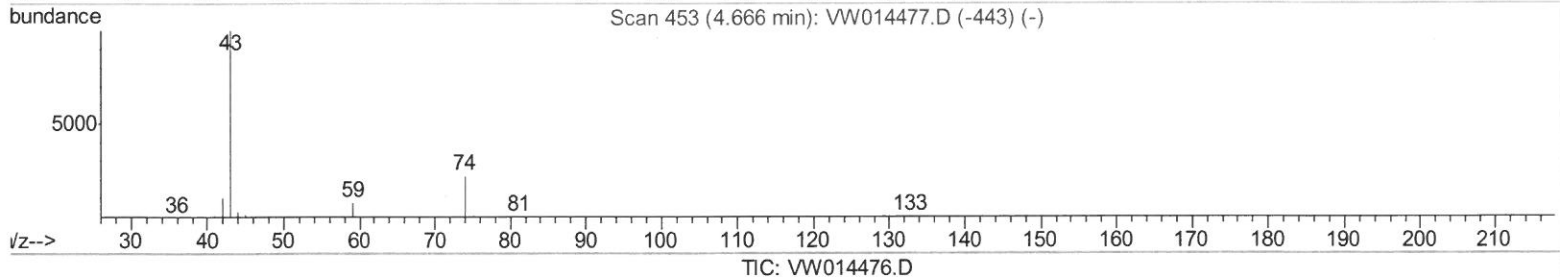
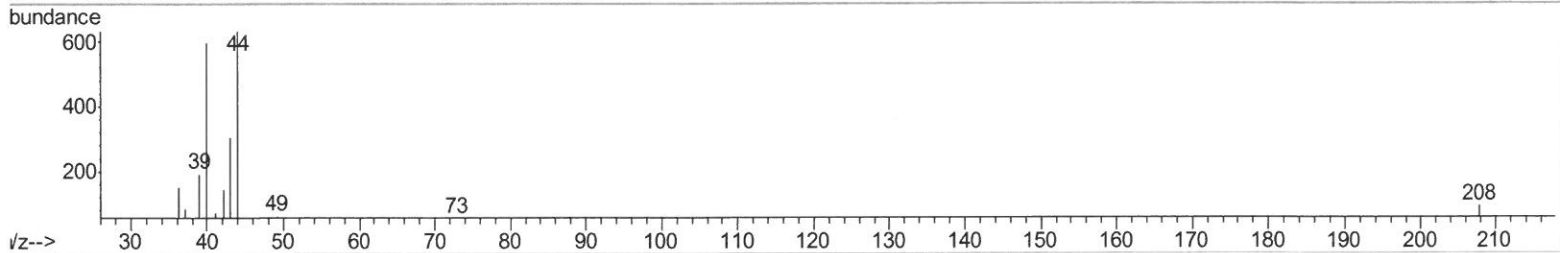
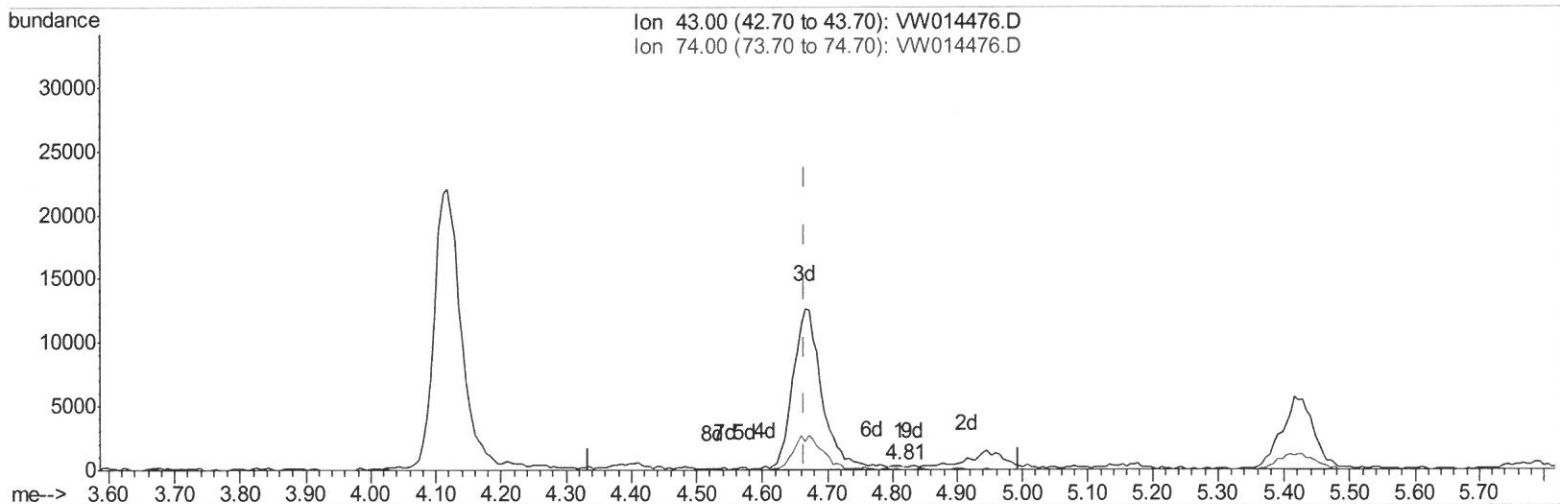
Data File : VW014476.D  
Acq On : 27 Dec 2019 19:01  
Operator : SY/VA  
Sample : VSTD00503  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD00503

Manual Integrations  
APPROVED

apatel  
12/30/2019 11:01:57 AM

Quant Time: Jan 07 06:24:55 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jan 07 06:19:42 2020  
Response via : Initial Calibration



(15) Methyl Acetate (T)

4.812min (+0.146) 0.02ug/L

response 145

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 74.00 | 22.90 | 23.45 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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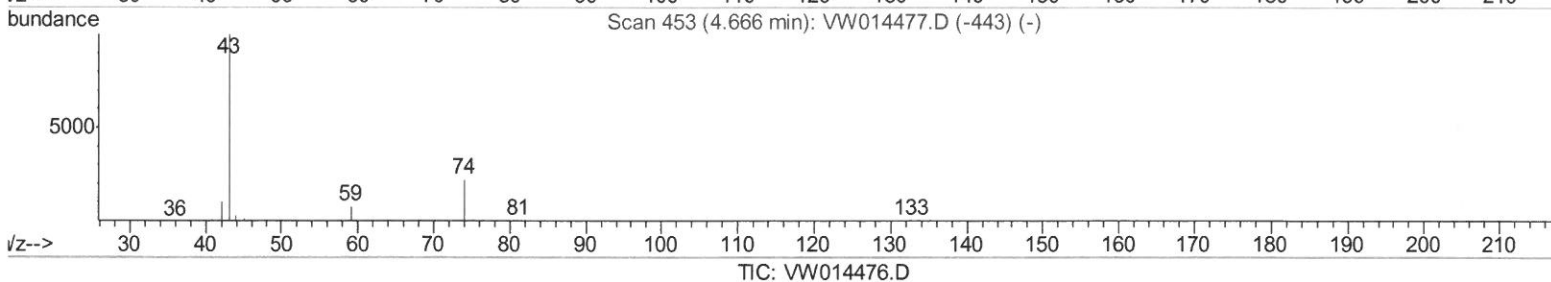
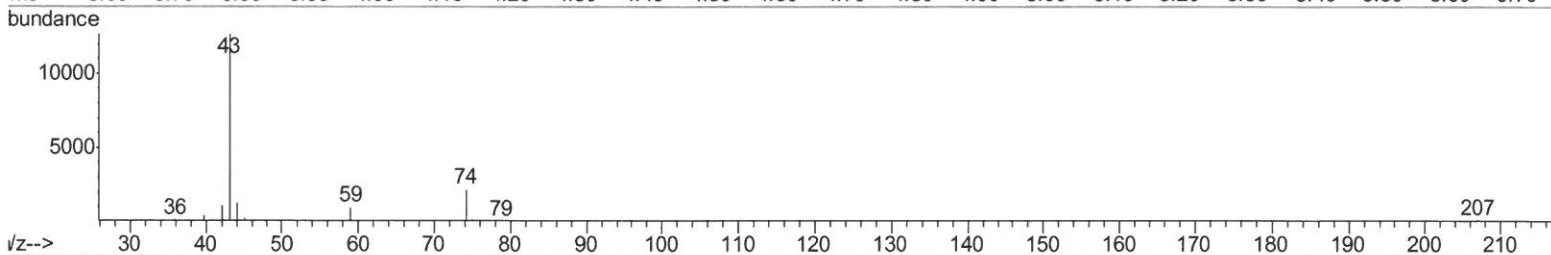
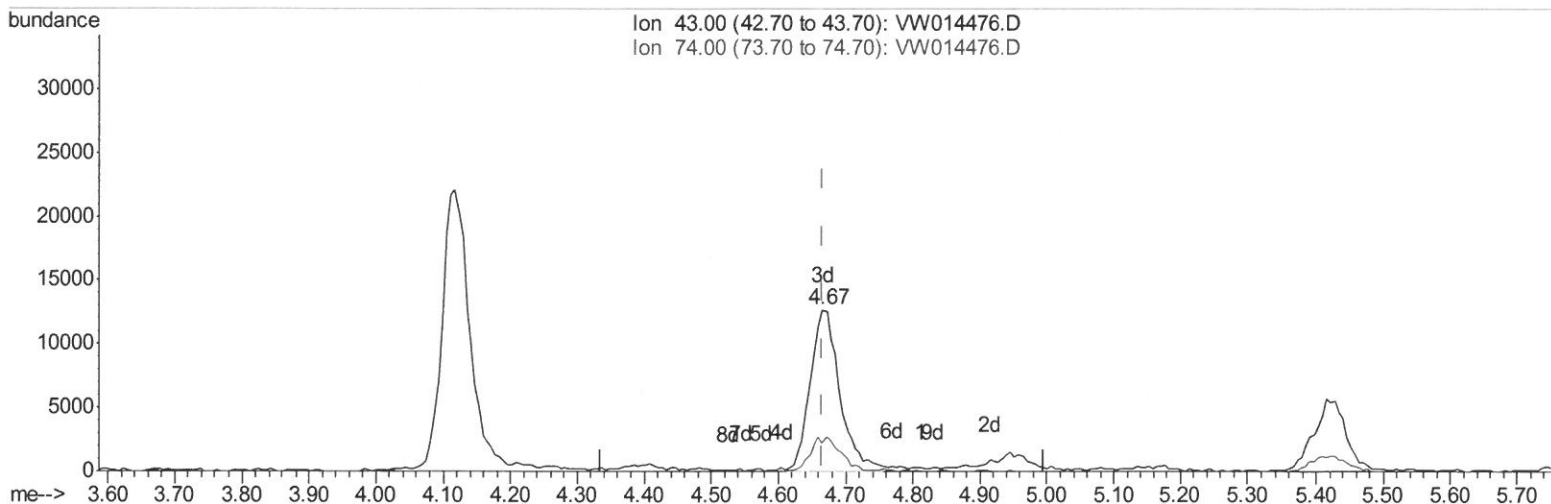
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Quant Time: Dec 27 20:38:52 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 27 20:30:18 2019  
Response via : Initial Calibration



(15) Methyl Acetate (T)

4.665min (-0.000) 4.45ug/L m

*Soil/07/1082*

response 38781

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 74.00 | 22.90 | 0.09# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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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  | 1212257  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1086103  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 513072   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |      |      |      |
|--------------------------------|-------|-----|--------|------|------|------|
| 4) Vinyl Chloride-d3           | 2.35  | 65  | 87918  | 4.79 | ug/L | 0.00 |
| 7) Chloroethane-d5             | 2.88  | 69  | 60500  | 4.43 | ug/L | 0.00 |
| 10) 1,1-Dichloroethene-d2      | 4.02  | 63  | 152536 | 4.70 | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 7.08  | 46  | 34052  | 7.12 | ug/L | 0.00 |
| 24) Chloroform-d               | 7.64  | 84  | 128759 | 4.17 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 8.31  | 65  | 65529  | 4.05 | ug/L | 0.00 |
| 29) Benzene-d6                 | 8.27  | 84  | 265725 | 4.17 | ug/L | 0.00 |
| 33) 1,2-Dichloropropane-d6     | 9.27  | 67  | 76809  | 3.92 | ug/L | 0.00 |
| 37) Toluene-d8                 | 10.32 | 98  | 230681 | 4.01 | ug/L | 0.00 |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79  | 30536  | 3.72 | ug/L | 0.00 |
| 39) 2-Hexanone-d5              | 10.92 | 63  | 23257  | 5.97 | ug/L | 0.00 |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84  | 55562  | 3.48 | ug/L | 0.00 |
| 61) 1,2-Dichlorobenzene-d4     | 13.85 | 152 | 73423  | 3.74 | ug/L | 0.00 |

#### Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 2) Dichlorodifluoromethane     | 2.01  | 85  | 52884  | 4.587 ug/L  | 95     |
| 3) Chloromethane               | 2.21  | 50  | 66572  | 5.743 ug/L  | 99     |
| 5) Vinyl chloride              | 2.35  | 62  | 91875  | 5.353 ug/L  | 98     |
| 6) Bromomethane                | 2.77  | 94  | 53030  | 5.009 ug/L  | 97     |
| 8) Chloroethane                | 2.92  | 64  | 49088  | 5.007 ug/L  | 99     |
| 9) Trichlorofluoromethane      | 3.25  | 101 | 43199  | 5.085 ug/L  | 99     |
| 11) 1,1,2-Trichloro-1,2,2-trif | 4.06  | 101 | 80202  | 5.016 ug/L  | 98     |
| 12) 1,1-Dichloroethene         | 4.04  | 96  | 77453  | 4.785 ug/L  | 92     |
| 13) Acetone                    | 4.12  | 43  | 62438  | 13.538 ug/L | 99     |
| 14) Carbon disulfide           | 4.38  | 76  | 241018 | 4.854 ug/L  | 98     |
| 15) Methyl Acetate             | 4.67  | 43  | 38781m | 4.445 ug/L  | 99     |
| 16) Methylene chloride         | 4.91  | 84  | 108724 | 5.851 ug/L  | 99     |
| 17) Methyl tert-butyl Ether    | 5.42  | 73  | 97185  | 4.552 ug/L  | 98     |
| 18) trans-1,2-Dichloroethene   | 5.42  | 96  | 81355  | 4.693 ug/L  | 99     |
| 19) 1,1-Dichloroethane         | 6.21  | 63  | 149265 | 4.792 ug/L  | 99     |
| 21) 2-Butanone                 | 7.17  | 43  | 60748  | 9.811 ug/L  | 97     |
| 22) cis-1,2-Dichloroethene     | 7.17  | 96  | 84214  | 4.565 ug/L  | 98     |
| 23) Bromochloromethane         | 7.51  | 128 | 37676  | 4.440 ug/L  | 90     |
| 25) Chloroform                 | 7.67  | 83  | 144922 | 4.788 ug/L  | 99     |
| 27) 1,2-Dichloroethane         | 8.40  | 62  | 92518  | 4.668 ug/L  | 96     |
| 30) Cyclohexane                | 7.95  | 56  | 133070 | 4.909 ug/L  | 99     |
| 31) 1,1,1-Trichloroethane      | 7.87  | 97  | 114983 | 5.271 ug/L  | 99     |
| 32) Carbon tetrachloride       | 8.07  | 117 | 105995 | 5.121 ug/L  | 100    |
| 34) Benzene                    | 8.32  | 78  | 336821 | 4.898 ug/L  | 100    |
| 35) Trichloroethene            | 9.09  | 95  | 85207  | 4.843 ug/L  | 99     |
| 36) Methylcyclohexane          | 9.33  | 83  | 145209 | 4.911 ug/L  | 98     |
| 40) 1,2-Dichloropropane        | 9.37  | 63  | 85027  | 4.813 ug/L  | 98     |
| 41) Bromodichloromethane       | 9.64  | 83  | 99012  | 4.612 ug/L  | 95     |
| 42) cis-1,3-Dichloropropene    | 10.07 | 75  | 117833 | 4.454 ug/L  | 97     |
| 43) 4-Methyl-2-pentanone       | 10.21 | 43  | 102730 | 8.818 ug/L  | 97     |

01/07/2020

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 44) Toluene                    | 10.38 | 91   | 346060   | 4.800 | ug/L  | 100      |
| 45) trans-1,3-Dichloropropene  | 10.60 | 75   | 94739    | 4.424 | ug/L  | 93       |
| 46) 1,1,2-Trichloroethane      | 10.79 | 97   | 59177    | 4.470 | ug/L  | 97       |
| 47) Tetrachloroethene          | 10.86 | 164  | 71708    | 4.890 | ug/L  | 94       |
| 49) 2-Hexanone                 | 10.97 | 43   | 66614    | 8.031 | ug/L  | 96       |
| 50) Dibromochloromethane       | 11.13 | 129  | 64862    | 4.365 | ug/L  | 90       |
| 51) 1,2-Dibromoethane          | 11.23 | 107  | 55631    | 4.436 | ug/L  | 98       |
| 52) Chlorobenzene              | 11.65 | 112  | 220420   | 4.730 | ug/L  | 98       |
| 53) Ethylbenzene               | 11.73 | 91   | 372292   | 4.759 | ug/L  | 98       |
| 54) m,p-Xylene                 | 11.83 | 106  | 140419   | 4.666 | ug/L  | 99       |
| 55) o-xylene                   | 12.16 | 106  | 129665   | 4.543 | ug/L  | 100      |
| 56) Styrene                    | 12.18 | 104  | 221766   | 4.541 | ug/L  | 99       |
| 57) Isopropylbenzene           | 12.46 | 105  | 347327   | 4.687 | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 70712    | 4.303 | ug/L  | 97       |
| 59) 1,2,3-Trichloropropane     | 12.77 | 75   | 52762    | 4.321 | ug/L  | 99       |
| 62) Bromoform                  | 12.35 | 173  | 37460    | 4.302 | ug/L  | 98       |
| 63) 1,3-Dichlorobenzene        | 13.50 | 146  | 162587   | 4.715 | ug/L  | 99       |
| 64) 1,4-Dichlorobenzene        | 13.58 | 146  | 167891   | 4.792 | ug/L  | 99       |
| 65) 1,2-Dichlorobenzene        | 13.87 | 146  | 145424   | 4.535 | ug/L  | 97       |
| 66) 1,2-Dibromo-3-chloropropan | 14.48 | 75   | 10803    | 4.367 | ug/L  | 99       |
| 67) 1,3,5-Trichlorobenzene     | 14.63 | 180  | 118614   | 4.781 | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene     | 15.13 | 180  | 80109    | 4.142 | ug/L  | 99       |
| 69) Naphthalene                | 15.36 | 128  | 121593   | 3.343 | ug/L  | 99       |
| 70) 1,2,3-Trichlorobenzene     | 15.55 | 180  | 76395    | 4.212 | ug/L  | 97       |

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

