

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072519\

Quantitation Report (QT/LSC Reviewed)

Data File : VU033428.D

Acq On : 25 Jul 2019 22:37

Operator : JC/SP

Sample : K3976-02

Misc : 5.0mL/MSVOA\_U/WATER

ALS Vial : 36 Sample Multiplier: 1

Instrument :

MSVOA\_U

ClientSampleId :

C0CB3

Manual Integrations  
APPROVED

MMDadoda

7/26/2019 10:53:29 AM

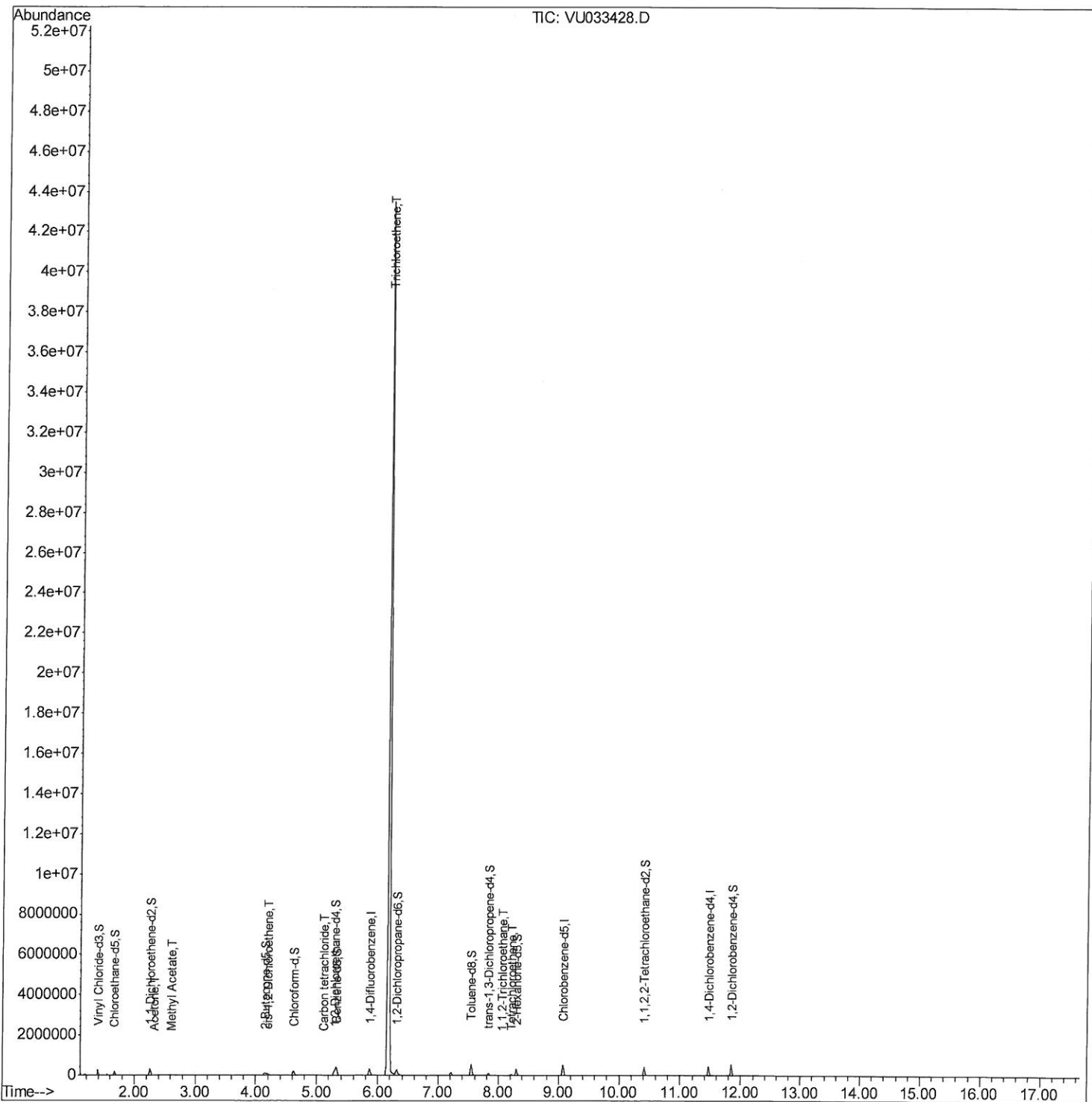
Quant Time: Jul 26 07:28:38 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Jul 26 05:48:12 2019

Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072519\  
Quantitation Report (Qedit)

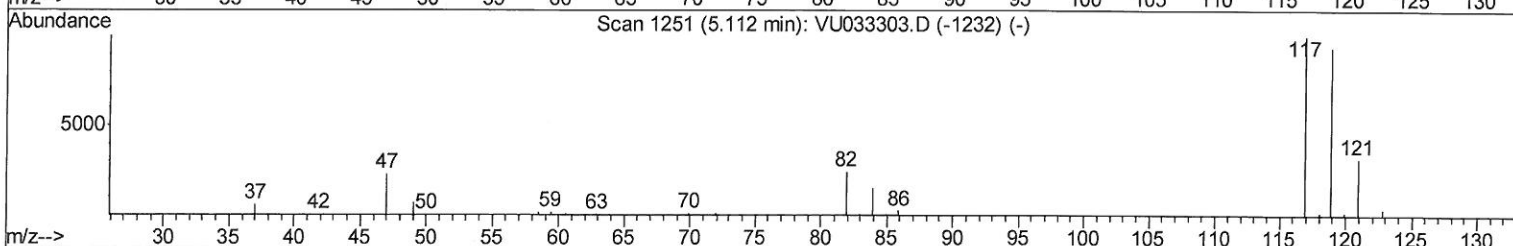
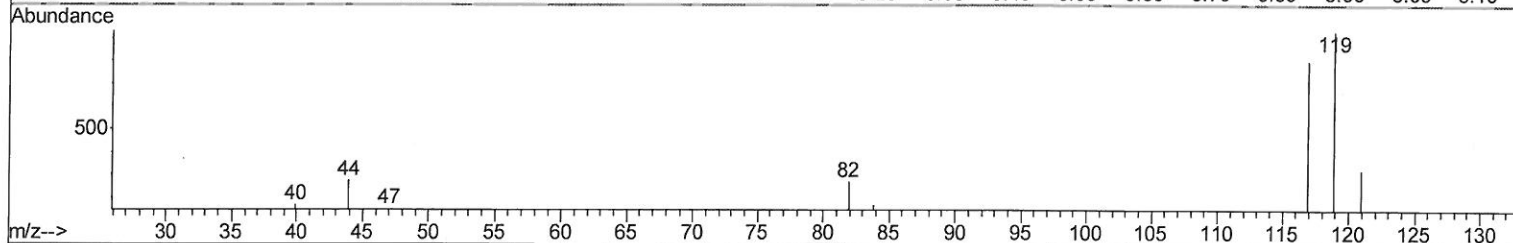
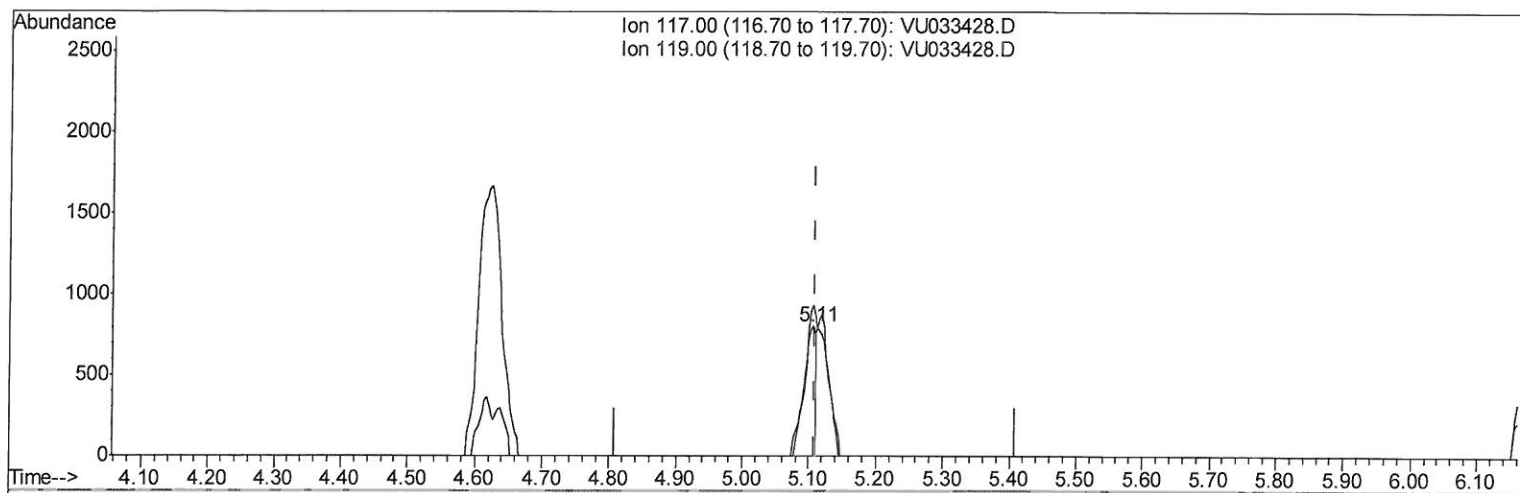
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TIC: VU033428.D

(31) Carbon tetrachloride (T)

5.106min (-0.003) 0.34ug/L

response 992

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 117.00 | 100   | 100     |
| 119.00 | 96.10 | 207.86# |
| 0.00   | 0.00  | 0.00    |
| 0.00   | 0.00  | 0.00    |

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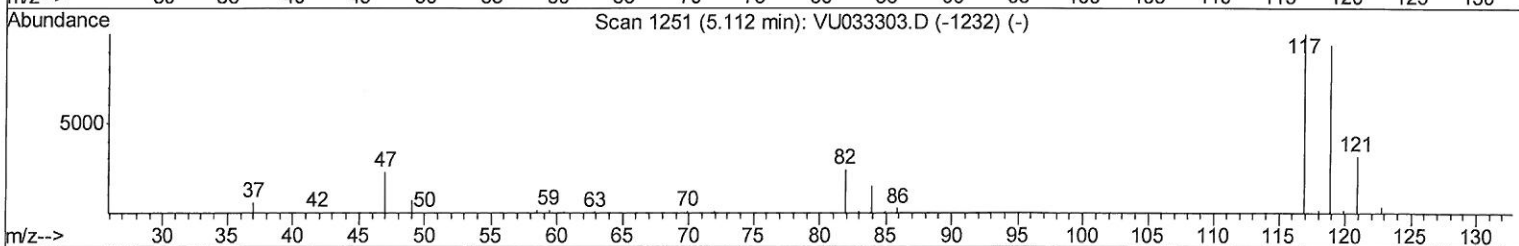
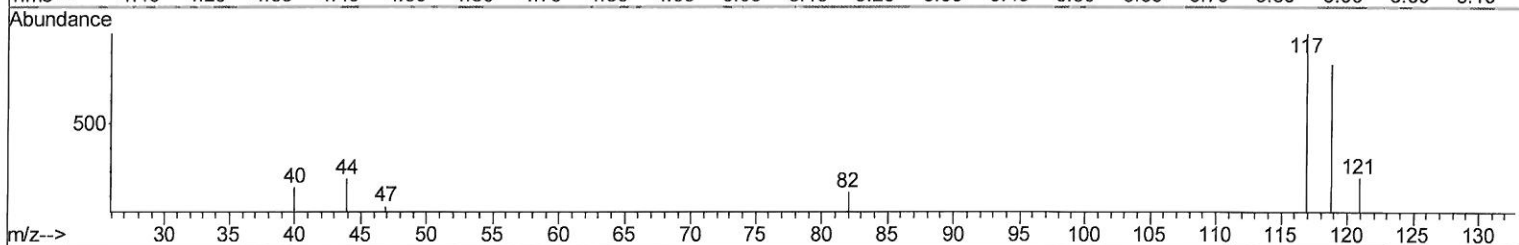
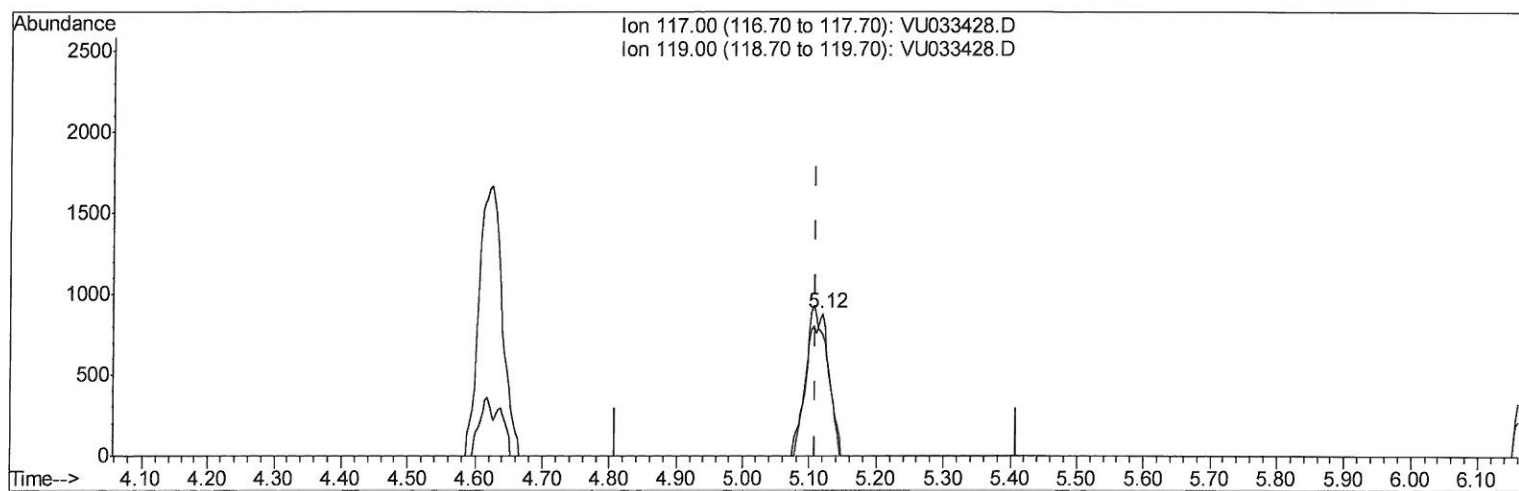
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Manual Integrations  
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TIC: VU033428.D

(31) Carbon tetrachloride (T)

5.119min (+0.010) 0.71ug/L m

response 2053

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 117.00 | 100   | 100    |
| 119.00 | 96.10 | 100.44 |
| 0.00   | 0.00  | 0.00   |
| 0.00   | 0.00  | 0.00   |

2 mg  
7/26/19

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Instrument :  
MSVOA\_U  
ClientSampleId :  
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Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 284425   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 284281   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 125543   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 129071   | 59.95    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 119.90%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 113178   | 61.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 123.06%  |
| 11) 1,1-Dichloroethene-d2      | 2.25    | 63    | 170334   | 43.61    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.22%   |
| 21) 2-Butanone-d5              | 4.15    | 46    | 153369   | 112.42   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 112.42%  |
| 24) Chloroform-d               | 4.62    | 84    | 199427   | 55.27    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.54%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 135645   | 58.61    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 117.22%  |
| 32) Benzene-d6                 | 5.32    | 84    | 416676   | 59.75    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 119.50%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 129414   | 57.93    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 115.86%  |
| 41) Toluene-d8                 | 7.55    | 98    | 374957   | 57.01    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 114.02%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 60837    | 55.54    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 111.08%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 111886   | 111.10   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.10%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 192095   | 56.81    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 113.62%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 141169   | 63.05    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 126.10%# |

Target Compounds

|                            |      |     |          |          | Qvalue |    |
|----------------------------|------|-----|----------|----------|--------|----|
| 13) Acetone                | 2.31 | 43  | 3378     | 1.982    | ug/L   | 95 |
| 15) Methyl Acetate         | 2.60 | 43  | 4914     | 2.208    | ug/L   | 91 |
| 20) cis-1,2-Dichloroethene | 4.20 | 96  | 36304    | 16.404   | ug/L   | 95 |
| 31) Carbon tetrachloride   | 5.12 | 117 | 2053m    | 0.707    | ug/L   | 97 |
| 34) Trichloroethene        | 6.17 | 95  | 13875031 | 6399.434 | ug/L   | 97 |
| 45) 1,1,2-Trichloroethane  | 8.05 | 97  | 4346     | 2.044    | ug/L   | 90 |
| 46) Tetrachloroethene      | 8.21 | 164 | 9633     | 5.739    | ug/L   | 94 |

7 MD  
7/26/19

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