

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU041119\  
Quantitation Report (QT Reviewed)

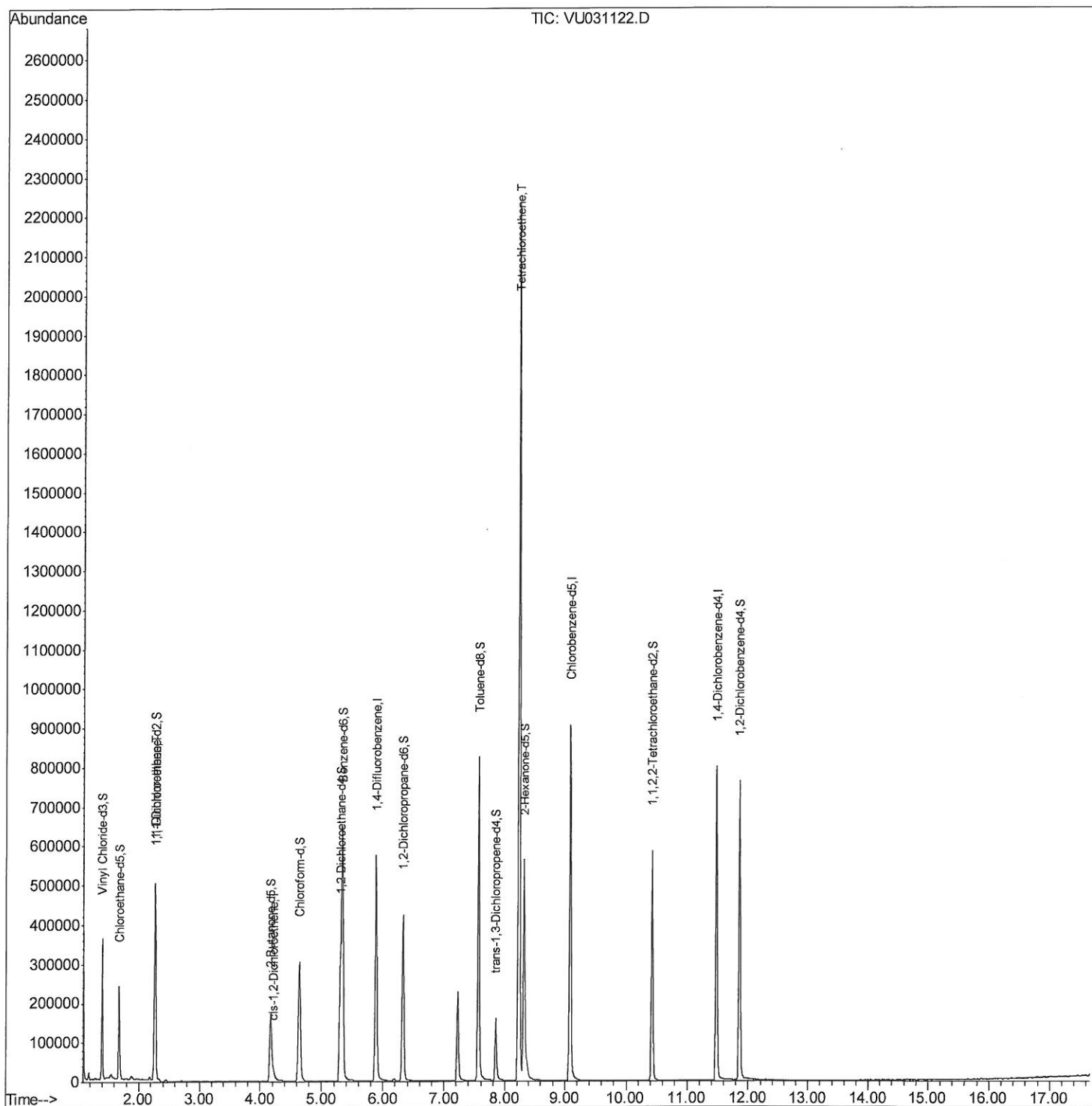
Data File : VU031122.D  
Acq On : 12 Apr 2019 12:04  
Operator : JC/SP  
Sample : K2354-13 20X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 114 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF2T4

Manual Integrations  
APPROVED

MMDadoda  
4/15/2019 9:16:02 AM

Quant Time: Apr 13 00:23:10 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 12 23:21:49 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU041119\  
Quantitation Report (Qedit)

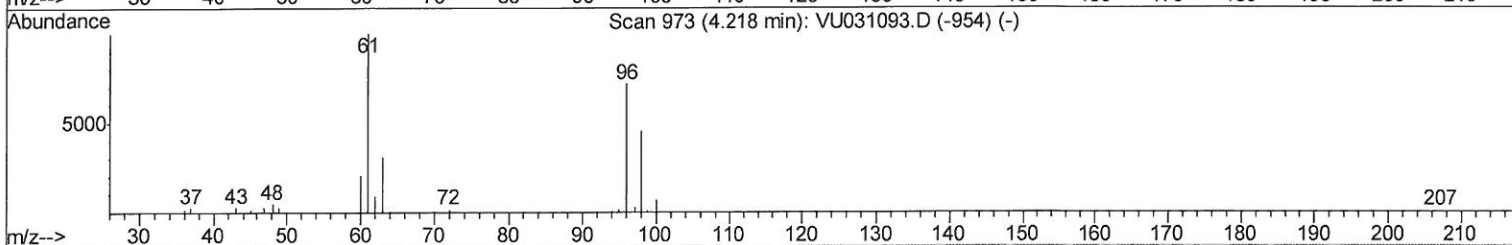
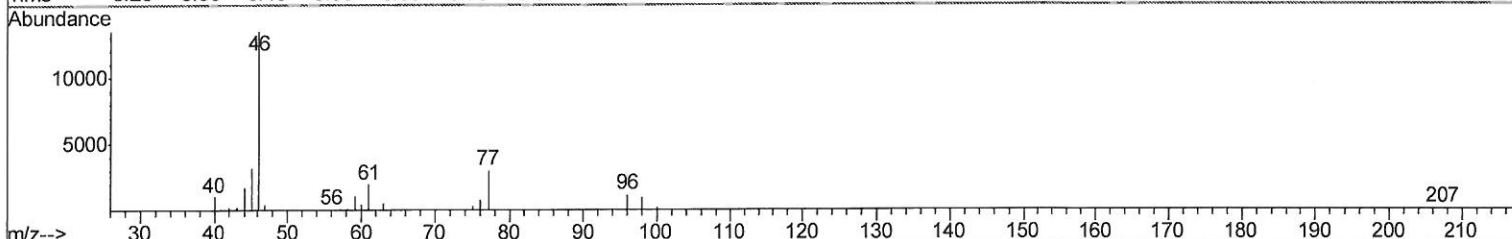
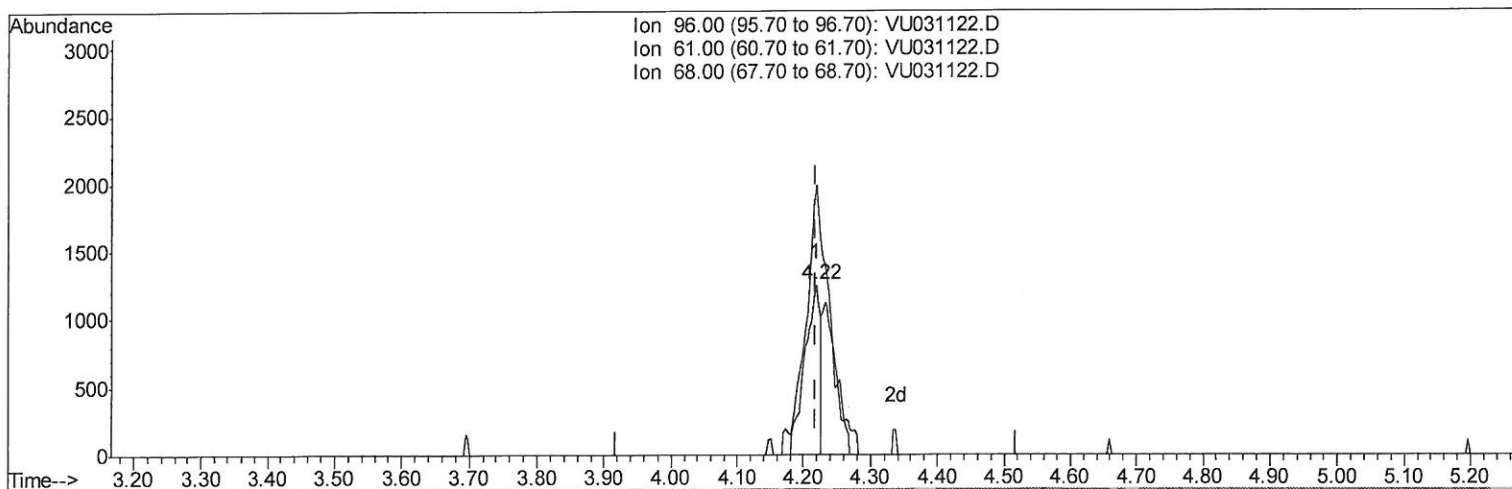
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TIC: VU031122.D

(20) cis-1,2-Dichloroethene (T)

4.218min (+0.000) 0.51ug/L

response 1967

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 147.00 | 159.12 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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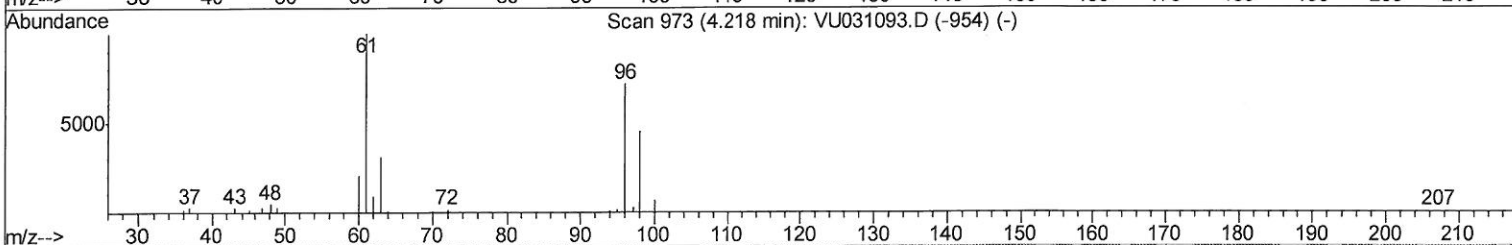
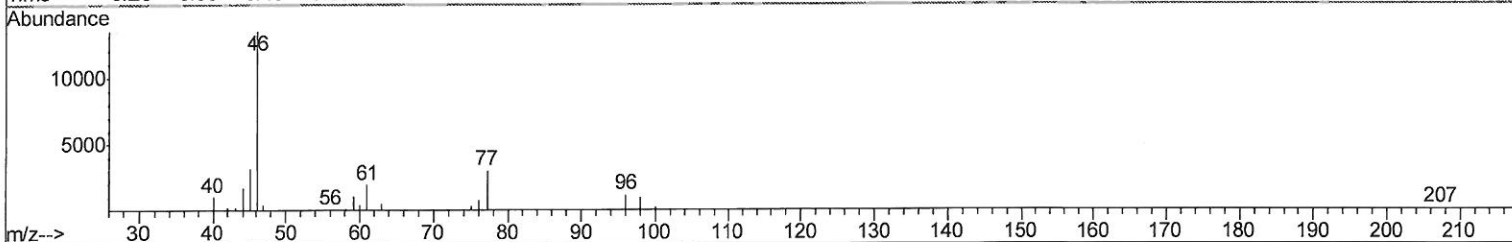
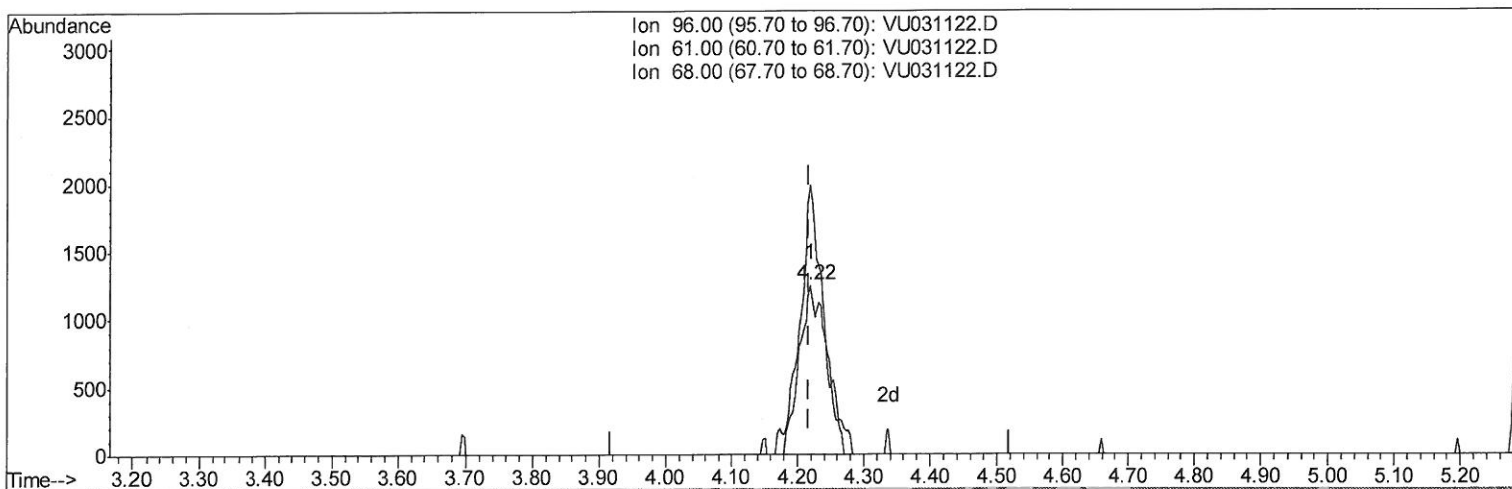
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Instrument :  
MSVOA\_U  
ClientSampleId :  
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Manual Integrations  
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Response via : Initial Calibration



TIC: VU031122.D

(20) cis-1,2-Dichloroethene (T)

4.218min (+0.000) 0.96ug/L m

response 3729

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 147.00 | 159.12 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

*MMD*  
*4/13/19*

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 477719   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 508055   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 213554   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 231553   | 54.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 108.60% |
| 7) Chloroethane-d5             | 1.68    | 69    | 170288   | 52.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 105.22% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 285854   | 37.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.12%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 293826   | 86.93    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.93%  |
| 24) Chloroform-d               | 4.64    | 84    | 314868   | 48.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 218123   | 49.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.14%  |
| 32) Benzene-d6                 | 5.33    | 84    | 635704   | 42.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.72%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 211999   | 41.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 83.42%  |
| 41) Toluene-d8                 | 7.56    | 98    | 563392   | 42.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.72%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 97596    | 42.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.22%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 184866   | 79.58    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 302037   | 44.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 212865   | 50.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.36% |

| Target Compounds           |      |     |        |         | Qvalue |
|----------------------------|------|-----|--------|---------|--------|
| 12) 1,1-Dichloroethene     | 2.28 | 96  | 17369  | 5.260   | ug/L # |
| 20) cis-1,2-Dichloroethene | 4.22 | 96  | 3729m  | 0.963   | ug/L   |
| 46) Tetrachloroethene      | 8.22 | 164 | 507614 | 171.222 | ug/L   |

1 m02  
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(#) = qualifier out of range (m) = manual integration (+) = signals summed