

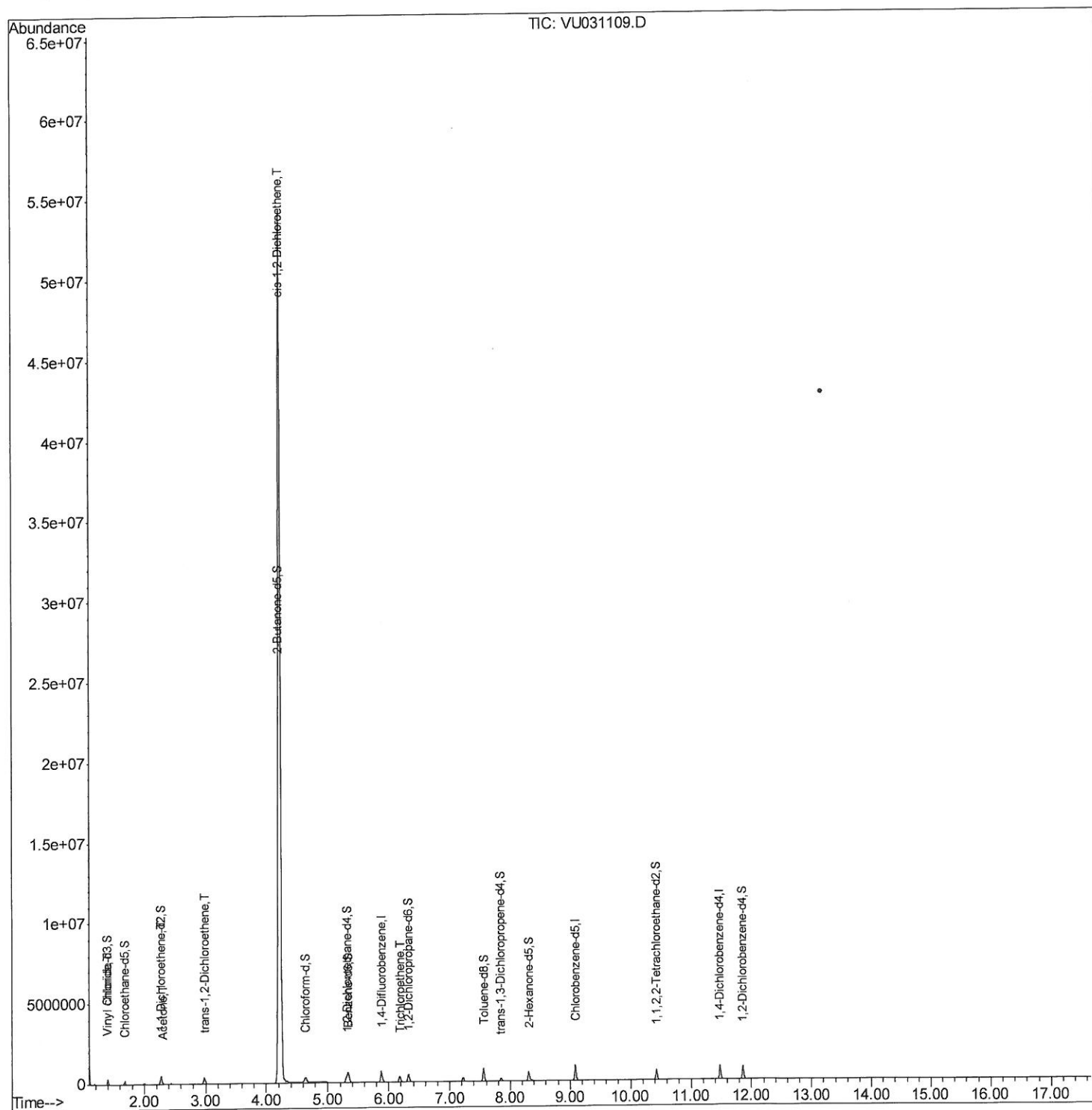
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\  
Data File : VU031109.D  
Acq On : 12 Apr 2019 07:06  
Operator : JC/SP  
Sample : K2353-09  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 101 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETJ65

Manual Integrations  
APPROVED

MMDadoda  
4/12/2019 5:47:11 PM

Quant Time: Apr 12 08:48:19 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 12 07:24:02 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

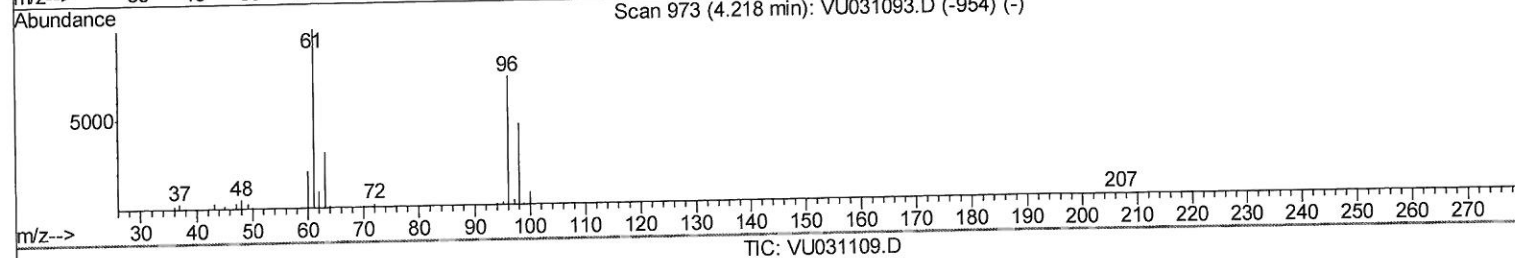
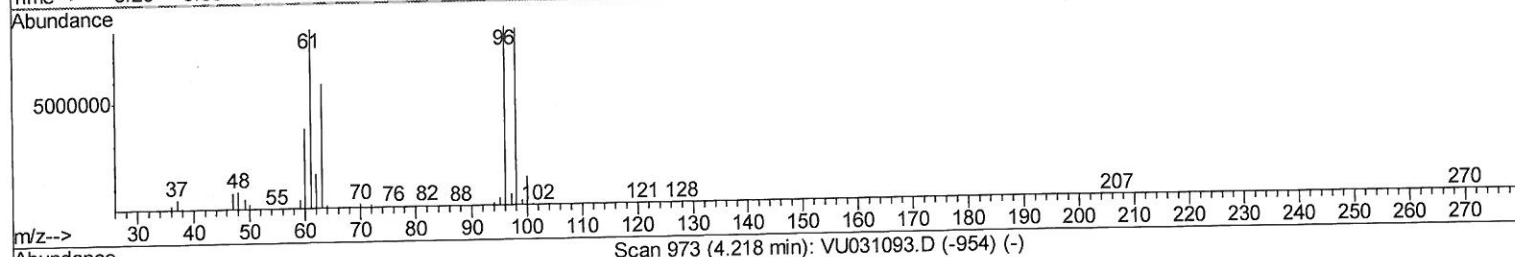
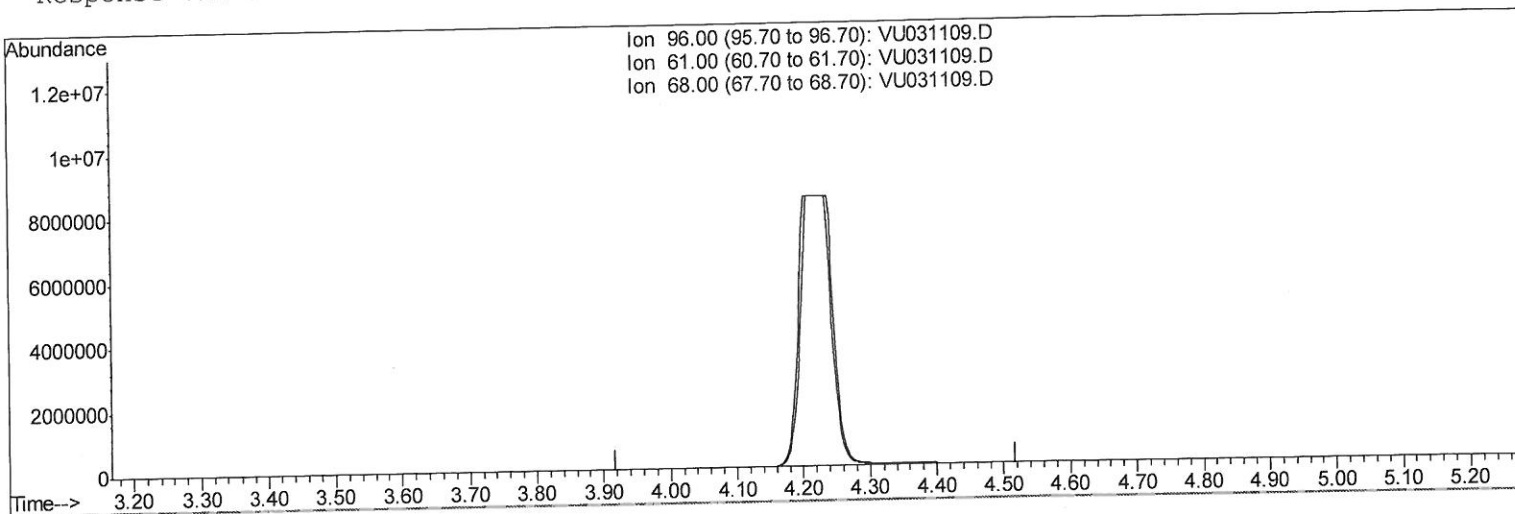
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 4/12/2019 5:47:11 PM

Quant Time: Apr 12 07:31:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 12 07:24:02 2019  
 Response via : Initial Calibration



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

4.218min (-4.218) 0.00ug/L

response 0

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

# Quantitation Report (Qedit)

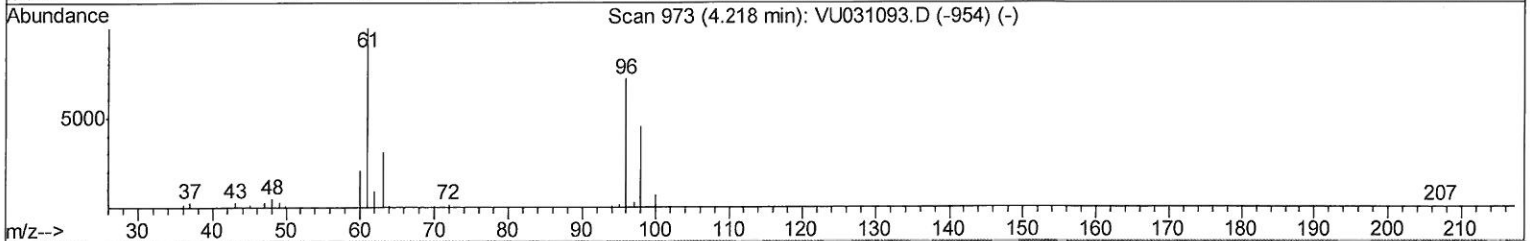
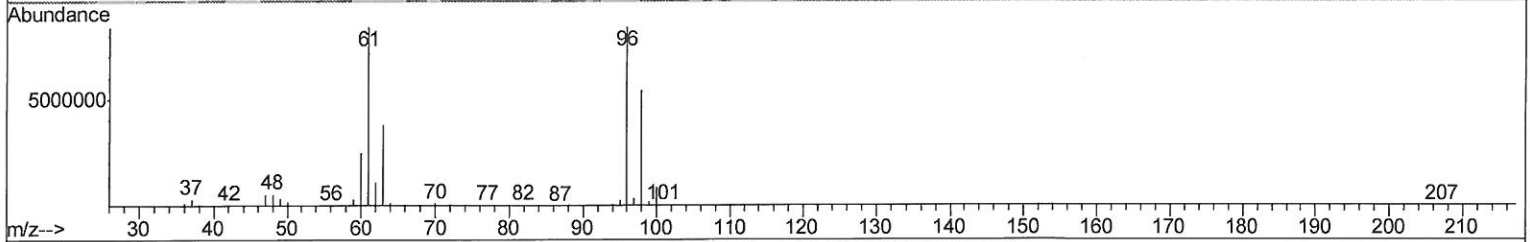
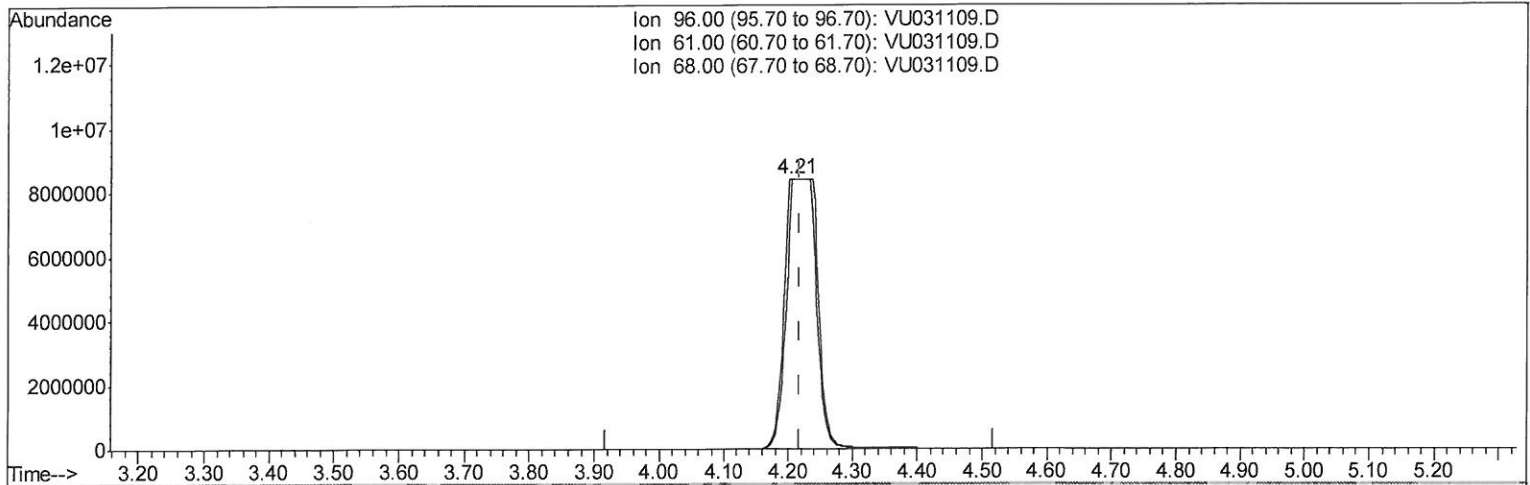
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 Response via : Initial Calibration



TIC: VU031109.D

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

4.206min (-0.013) 5949.73ug/L m

response 26443294

*> MD*  
*4/13/19*

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 96.00 | 100    | 100     |
| 61.00 | 147.00 | 100.00# |
| 68.00 | 0.00   | 0.00    |
| 0.00  | 0.00   | 0.00    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\  
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Manual Integrations  
 APPROVED

MMDadoda  
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Quant Time: Apr 12 08:48:19 2019  
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 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 548419   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 533942   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 230887   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 162356   | 33.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 66.32%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 140041   | 37.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 75.38%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 281704   | 31.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.62%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 369760   | 95.30    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.30%  |
| 24) Chloroform-d               | 4.64    | 84    | 318035   | 42.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.06%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 222009   | 43.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.02%  |
| 32) Benzene-d6                 | 5.33    | 84    | 634551   | 40.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.42%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 225658   | 42.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.48%  |
| 41) Toluene-d8                 | 7.56    | 98    | 541107   | 39.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 78.32%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 94496    | 38.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.58%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 193135   | 79.11    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.11%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 324791   | 45.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 211416   | 46.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.12%  |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response  | Conc     | Units  | Ovalue |
|------------------------------|------|------|-----------|----------|--------|--------|
| 5) Vinyl chloride            | 1.40 | 62   | 66242     | 10.982   | ug/L   | 96     |
| 12) 1,1-Dichloroethene       | 2.28 | 96   | 73952     | 19.507   | ug/L # | 77     |
| 13) Acetone                  | 2.32 | 43   | 9883      | 2.489    | ug/L   | 100    |
| 17) trans-1,2-Dichloroethene | 2.98 | 96   | 168436    | 41.846   | ug/L   | 96     |
| 20) cis-1,2-Dichloroethene   | 4.21 | 96   | 26443294m | 5949.730 | ug/L   | 97     |
| 34) Trichloroethene          | 6.18 | 95   | 123622    | 28.846   | ug/L   | 97     |

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

2 m  
 4/13/19