

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU050319\  
Quantitation Report (QT Reviewed)

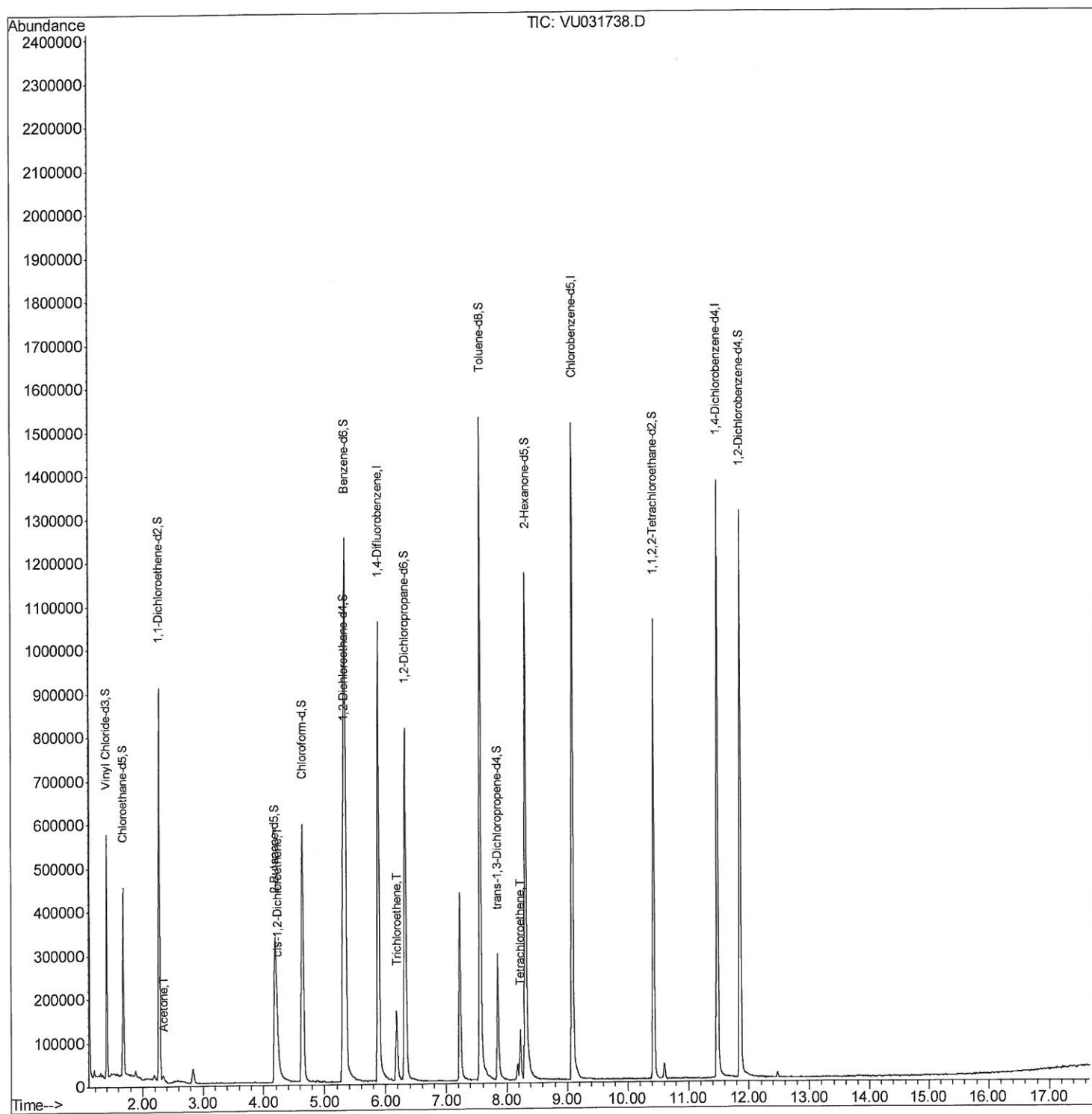
Data File : VU031738.D  
Acq On : 03 May 2019 10:38  
Operator : JC/SP  
Sample : K2661-19  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B39

Manual Integrations  
APPROVED

MMDadoda  
5/6/2019 11:42:45 AM

Quant Time: May 04 04:09:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat May 04 02:35:16 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU050319\  
Quantitation Report (Qedit)

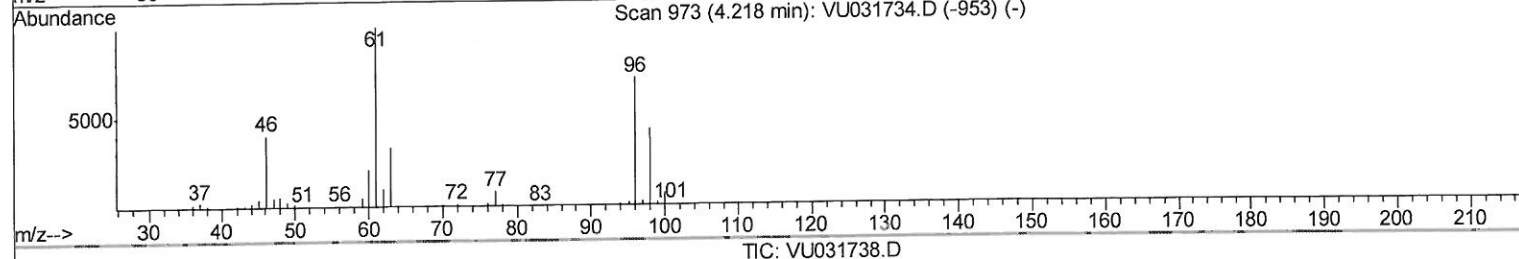
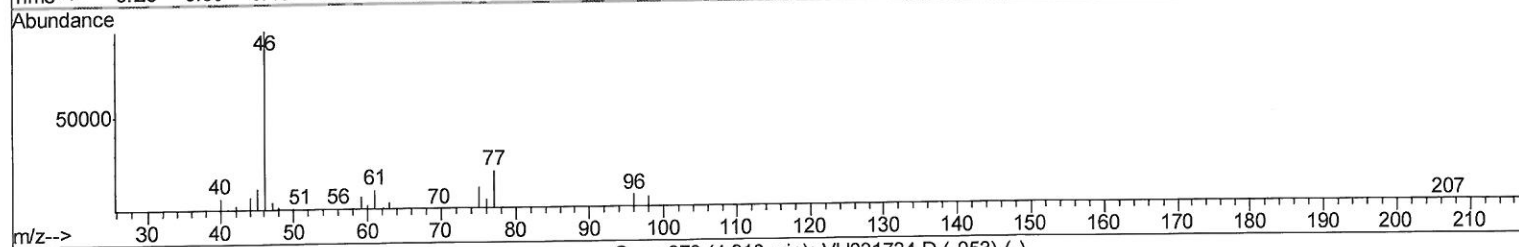
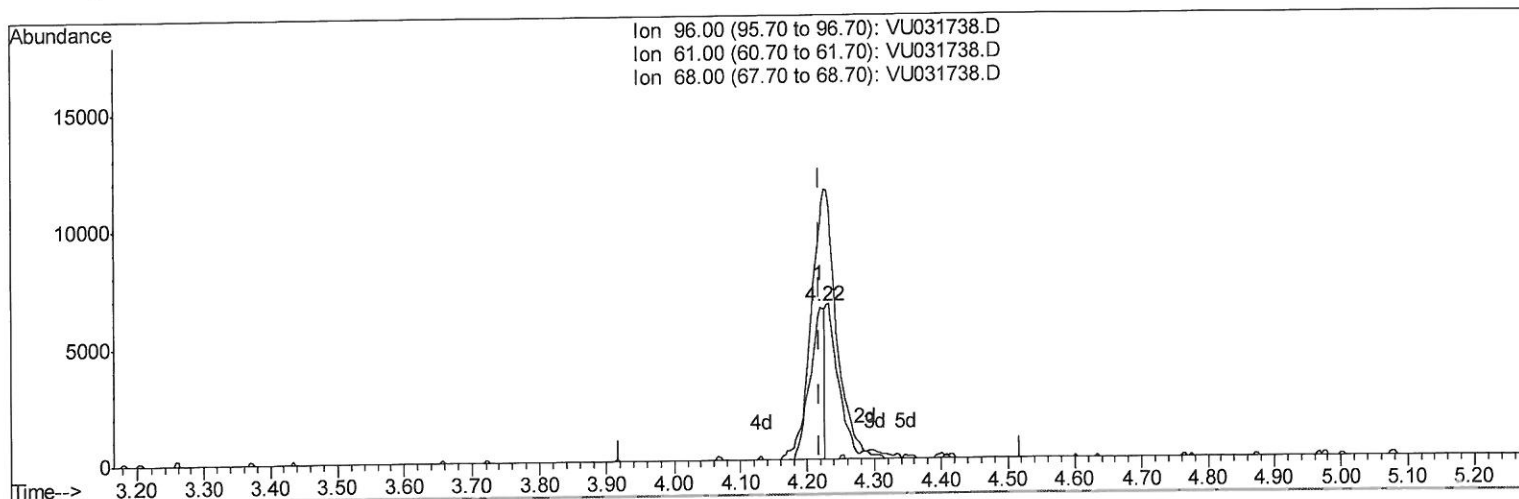
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Response via : Initial Calibration



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

4.219min (+0.000) 1.23ug/L

response 9550

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 142.10 | 155.00 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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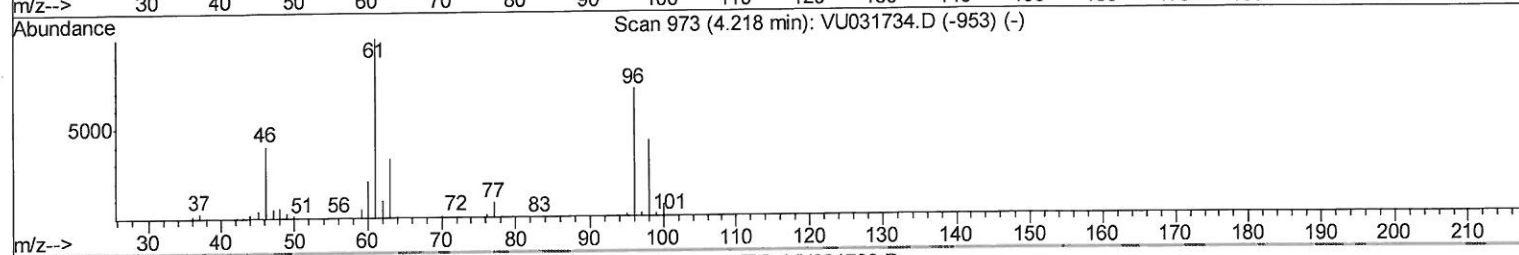
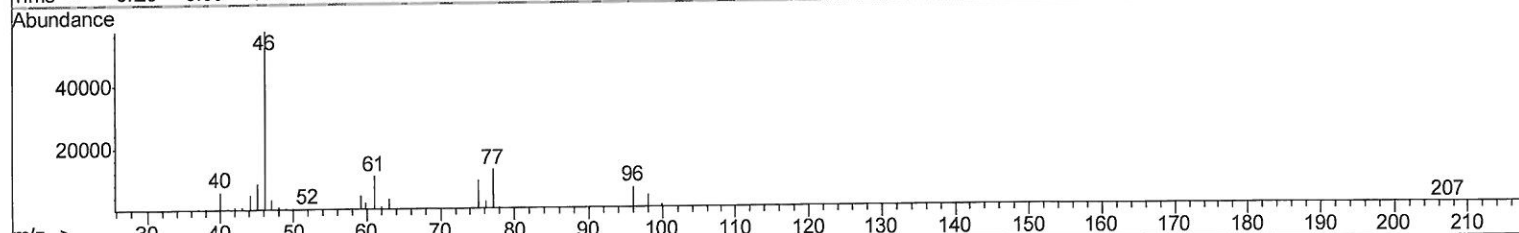
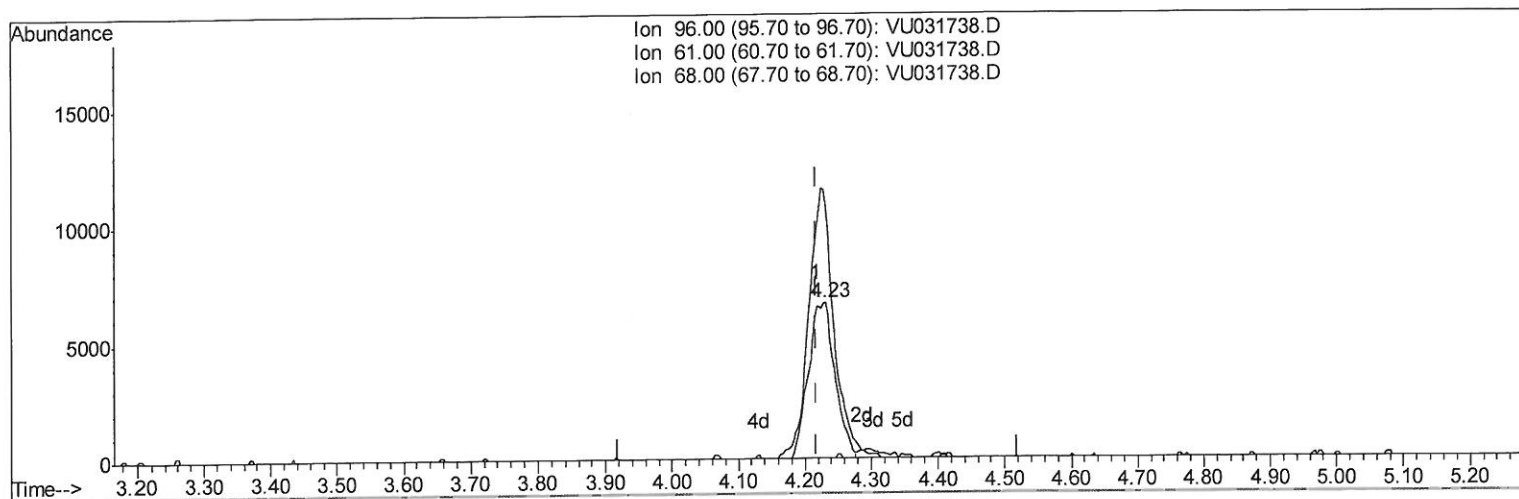
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Manual Integrations  
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QLast Update : Sat May 04 02:35:16 2019  
Response via : Initial Calibration



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

4.231min (+0.013) 2.40ug/L m

response 18573

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 142.10 | 161.58 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

> MD  
5/6/19

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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
Client Sampled :  
C0B39

Manual Integrations  
APPROVED

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5/6/2019 11:42:45 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat May 04 02:35:16 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 886727   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 825092   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 339070   | 50.00 | ug/L  | 0.00     |

| System Monitoring Compounds    |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 380815   | 51.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 102.62% |
| 7) Chloroethane-d5             | 1.68    | 69    | 290752   | 50.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.40% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 534728   | 36.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.36%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 662307   | 98.50    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.50%  |
| 24) Chloroform-d               | 4.64    | 84    | 592641   | 43.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 399995   | 45.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.10%  |
| 32) Benzene-d6                 | 5.34    | 84    | 1249230  | 49.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 425631   | 47.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.50%  |
| 41) Toluene-d8                 | 7.56    | 98    | 1059899  | 48.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.06%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 176002   | 46.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.00%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 415180   | 107.61   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.61% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 539324   | 45.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 336653   | 47.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.42%  |

| Target Compounds           |      |     |        |       | Qvalue         |
|----------------------------|------|-----|--------|-------|----------------|
| 13) Acetone                | 2.35 | 43  | 13870  | 1.831 | ug/L 77        |
| 20) cis-1,2-Dichloroethene | 4.23 | 96  | 18573m | 2.402 | ug/L 79 MB     |
| 34) Trichloroethene        | 6.19 | 95  | 60198  | 8.186 | ug/L 91 5/6/19 |
| 46) Tetrachloroethene      | 8.22 | 164 | 25743  | 5.135 | ug/L 95        |

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