

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU100219\  
Quantitation Report (QT/LSC Reviewed)

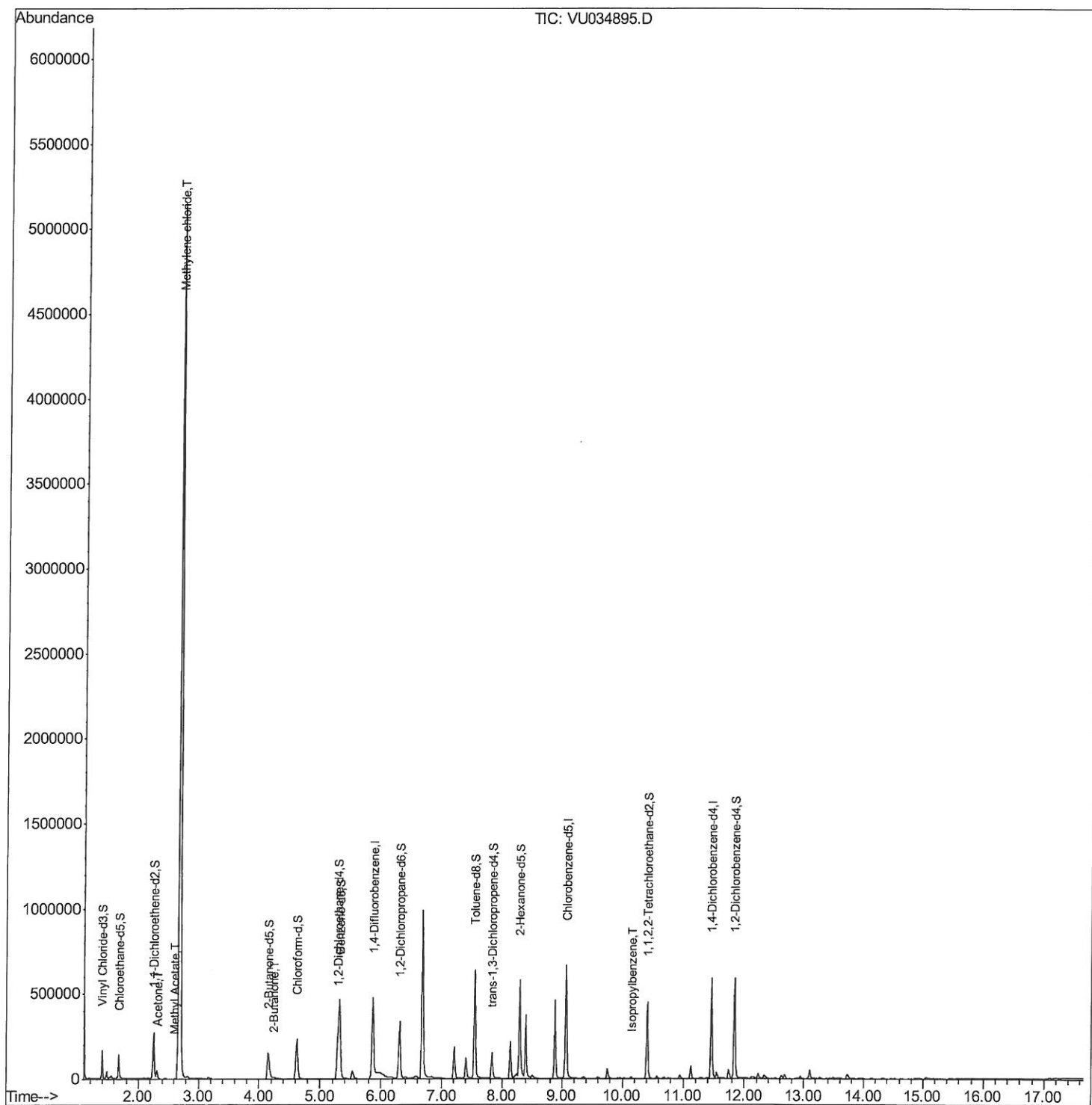
Data File : VU034895.D  
Acq On : 01 Oct 2019 18:10  
Operator : JC/SP  
Sample : K5028-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFDK3

Manual Integrations  
APPROVED

MMDadoda  
10/4/2019 12:13:46 PM

Quant Time: Oct 02 02:20:11 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM100119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 02 01:50:17 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU100219\  
Quantitation Report (Qedit)

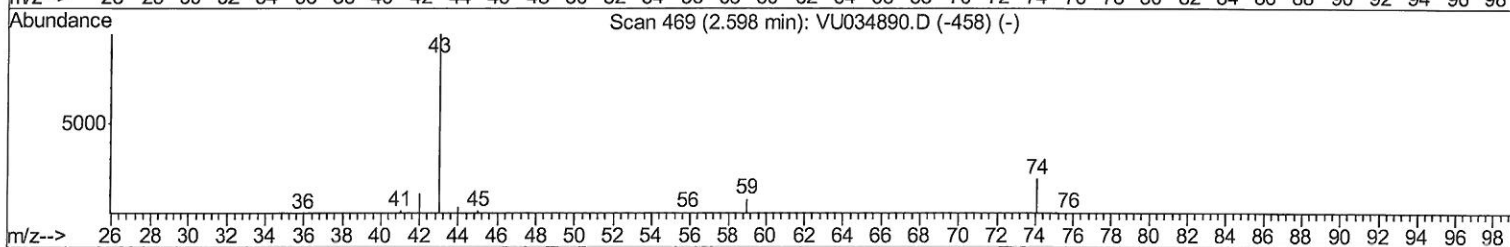
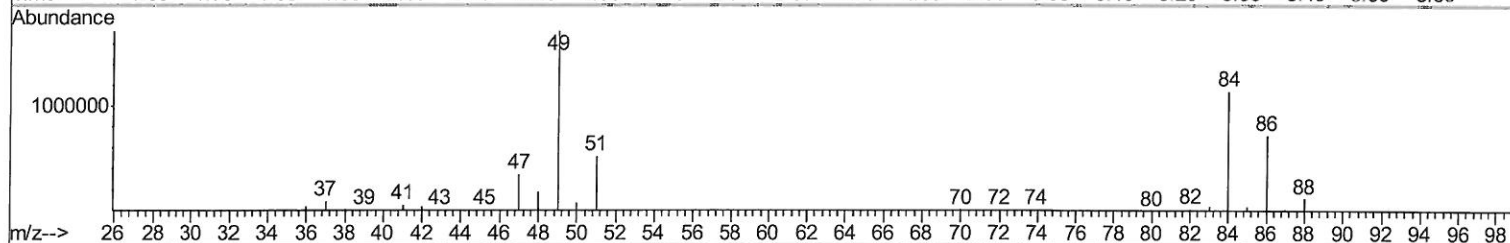
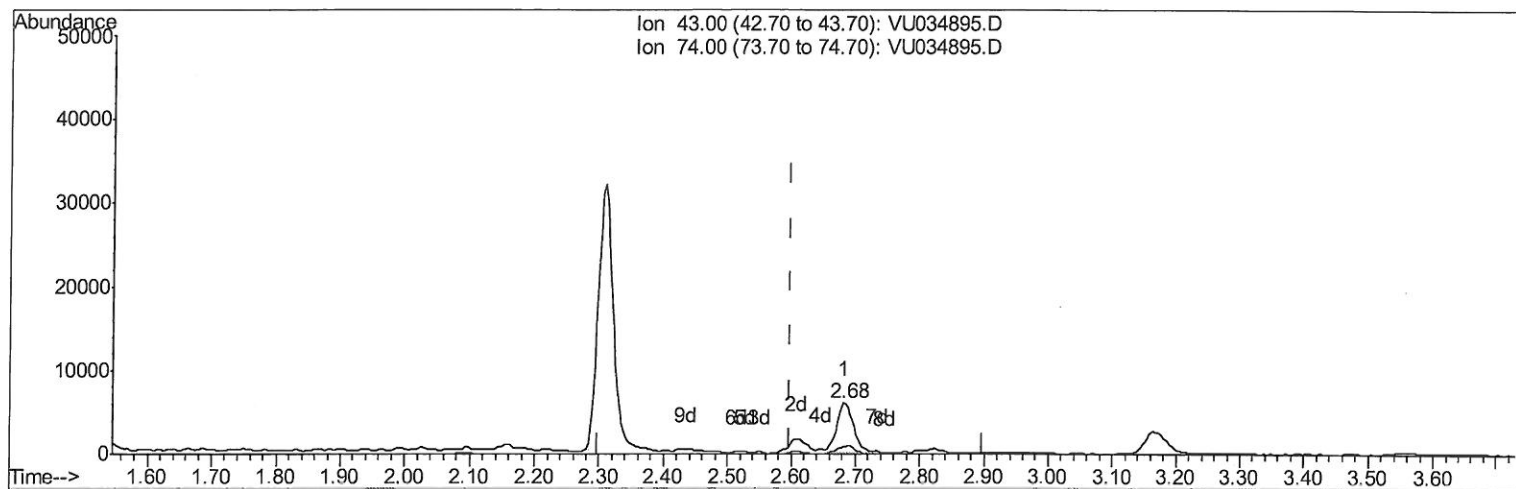
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TIC: VU034895.D

(15) Methyl Acetate (T)

2.682min (+0.084) 3.58ug/L

response 10843

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 74.00 | 19.10 | 17.63 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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Quantitation Report (Qedit)

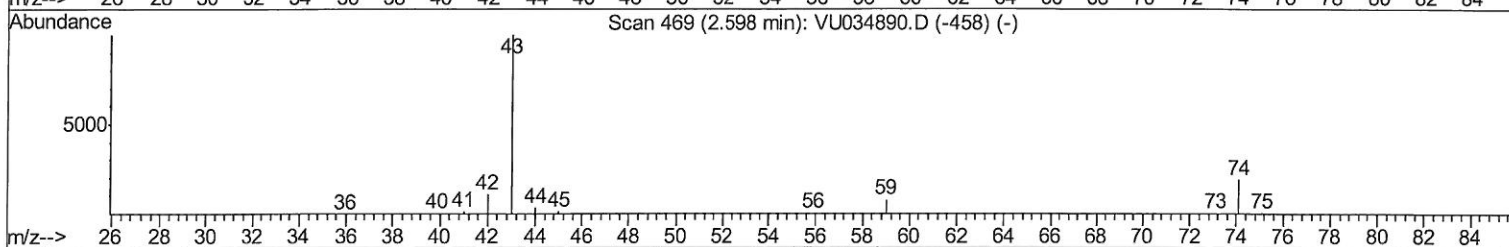
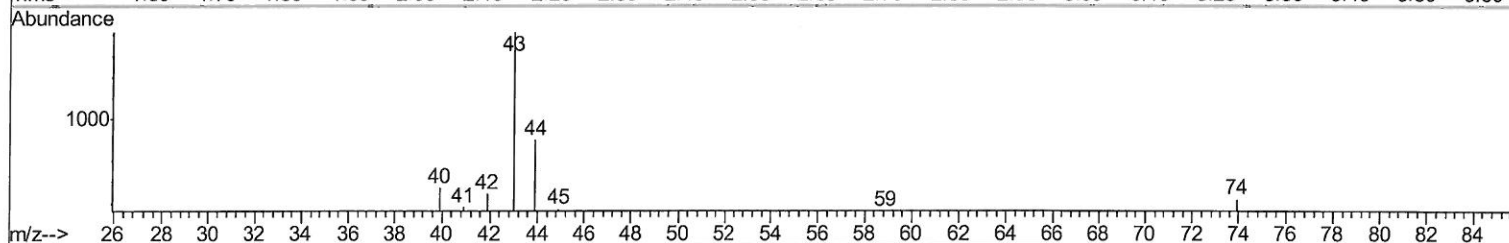
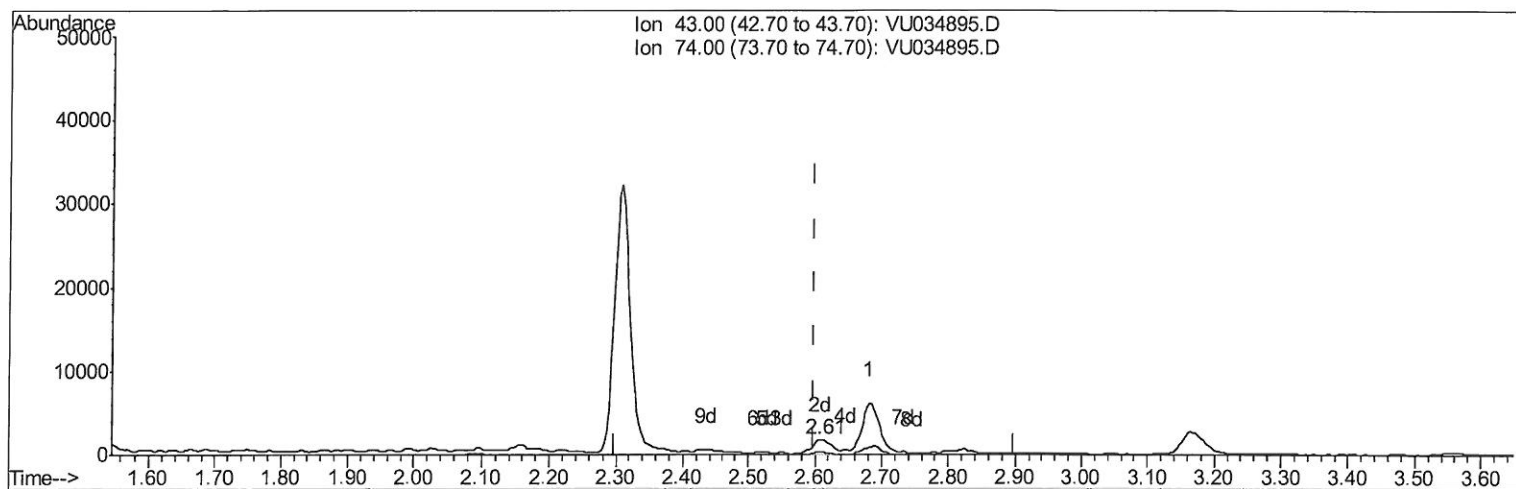
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Manual Integrations  
APPROVED

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Response via : Initial Calibration



TIC: VU034895.D

(15) Methyl Acetate (T)

2.608min (+0.010) 1.25ug/L m

response 3783

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 43.00 | 100   | 100    |
| 74.00 | 19.10 | 50.54# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

MD  
10/4/19

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFDK3

Manual Integrations  
APPROVED

MMDadoda  
10/4/2019 12:13:46 PM

Quant Time: Oct 02 02:20:11 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM100119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 02 01:50:17 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 348777   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 333448   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 143803   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 103313   | 42.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.52%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 92643    | 45.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.22%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 156873   | 36.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.00%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 264907   | 111.06   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 111.06% |
| 24) Chloroform-d               | 4.62    | 84    | 222410   | 46.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.78%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 164432   | 47.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.42%  |
| 32) Benzene-d6                 | 5.32    | 84    | 436270   | 48.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 155421   | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.60%  |
| 41) Toluene-d8                 | 7.54    | 98    | 404294   | 47.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.68%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 67256    | 48.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.32%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 178895   | 119.76   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 119.76% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 219528   | 49.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.50%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 143415   | 50.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.24% |

#### Target Compounds

|                        |       |     |         |          | Qvalue |    |
|------------------------|-------|-----|---------|----------|--------|----|
| 13) Acetone            | 2.31  | 43  | 52271   | 27.572   | ug/L   | 98 |
| 15) Methyl Acetate     | 2.61  | 43  | 3783m   | 1.250    | ug/L   | 97 |
| 16) Methylene chloride | 2.68  | 84  | 2059007 | 1077.621 | ug/L   | 97 |
| 22) 2-Butanone         | 4.25  | 43  | 13326   | 5.412    | ug/L   | 84 |
| 56) Isopropylbenzene   | 10.15 | 105 | 8233    | 0.890    | ug/L # | 83 |

7 mQ  
10/04/19

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