

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU032119\  
Quantitation Report (QT Reviewed)

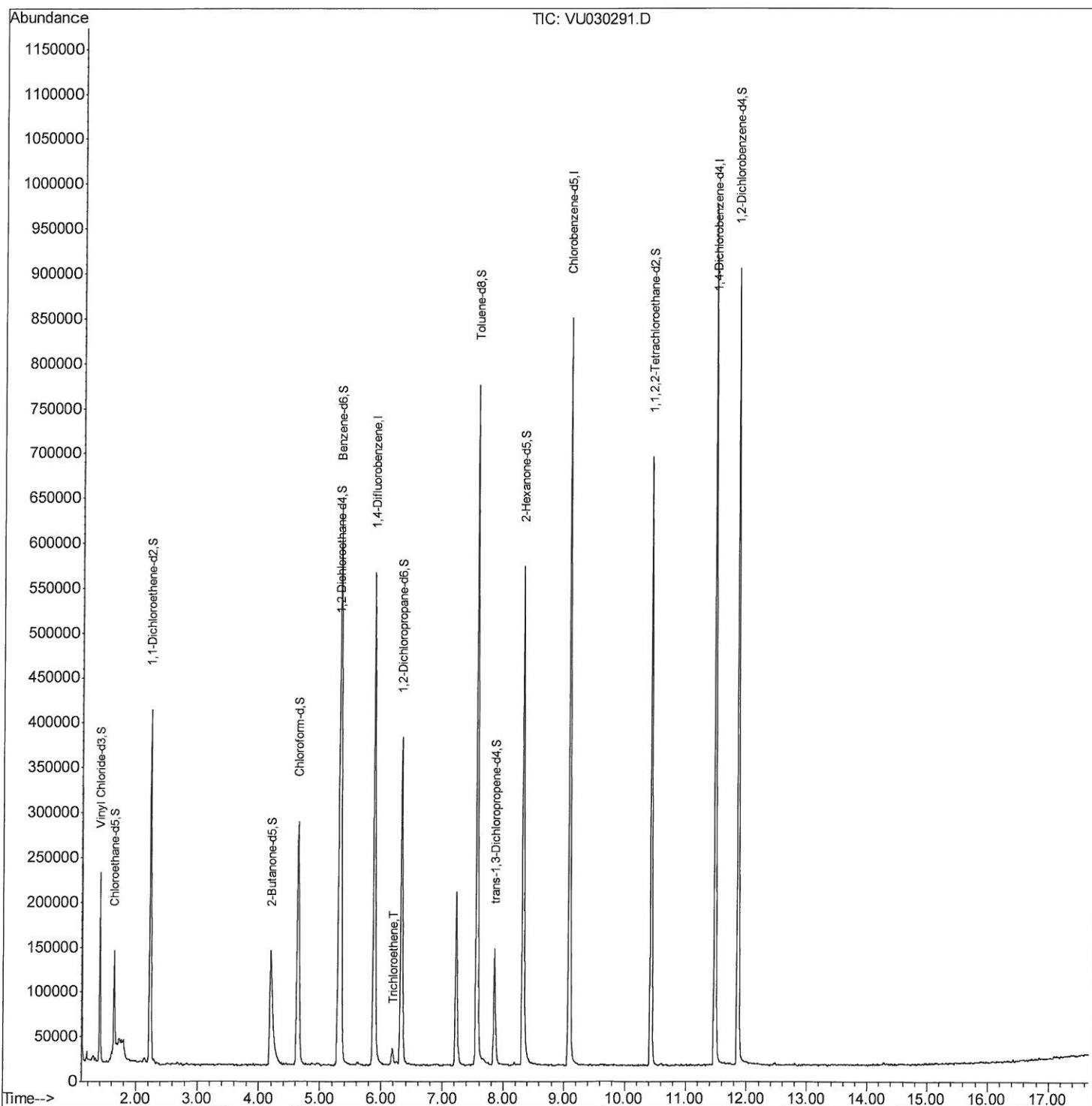
Data File : VU030291.D  
Acq On : 22 Mar 2019 01:05  
Operator : JC/SP  
Sample : K2048-01  
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampled :  
BF0F2

Manual Integrations  
APPROVED

MMDadoda  
3/22/2019 1:07:52 PM

Quant Time: Mar 22 06:59:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 22 05:14:44 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU032119\  
Quantitation Report (Qedit)

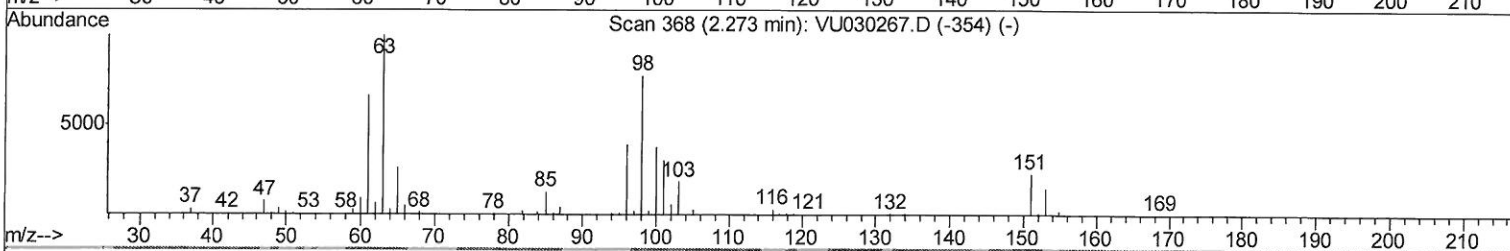
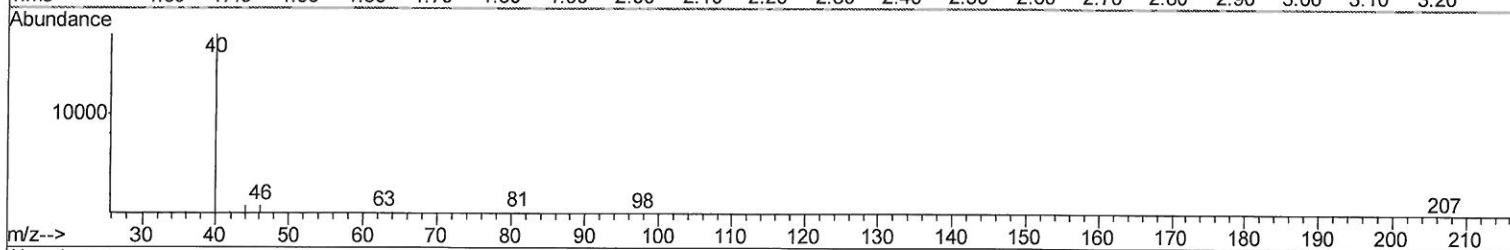
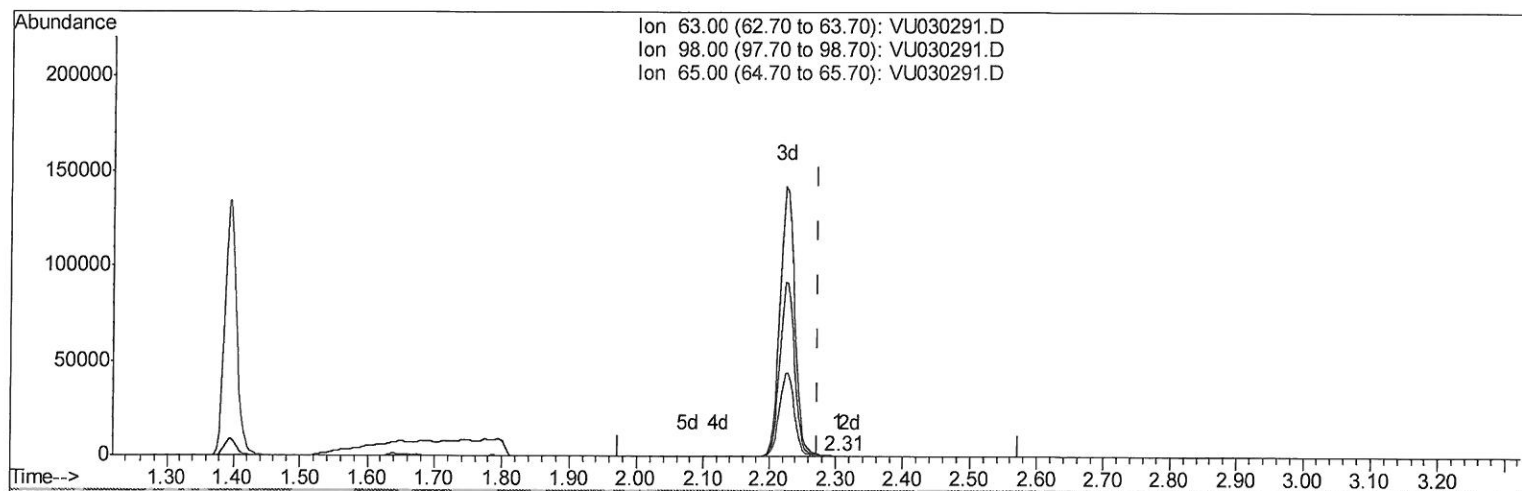
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TIC: VU030291.D

(11) 1,1-Dichloroethene-d2 (S)

2.305min (+0.032) 0.04ug/L

response 257

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 83.00 | 0.00# |
| 65.00 | 23.80 | 0.00# |
| 0.00  | 0.00  | 0.00  |

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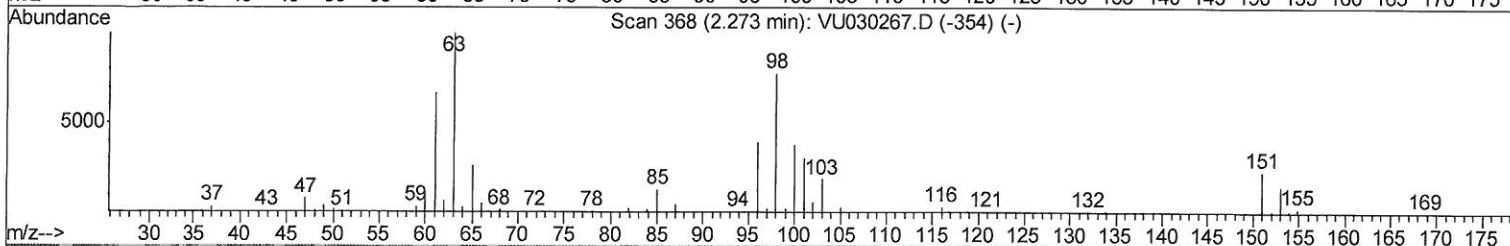
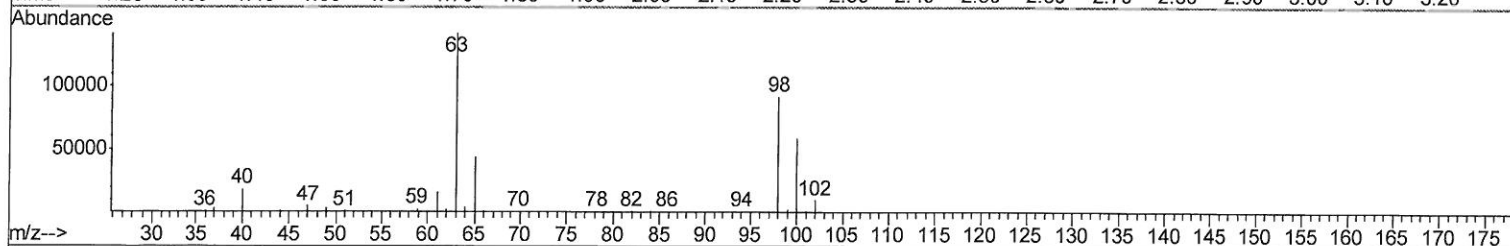
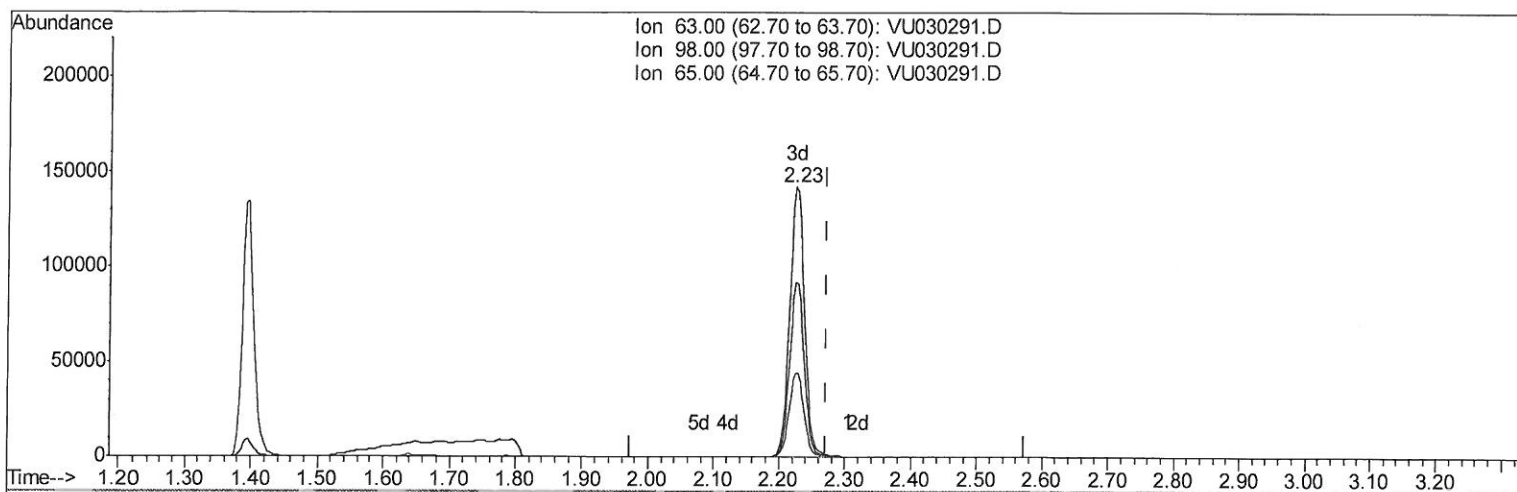
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Instrument :  
MSVOA\_U  
ClientSampled :  
BF0F2

Manual Integrations  
APPROVED

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Quant Title : VOC Analysis  
QLast Update : Fri Mar 22 05:14:44 2019  
Response via : Initial Calibration



TIC: VU030291.D

(11) 1,1-Dichloroethene-d2 (S)

2.225min (-0.048) 33.05ug/L m

response 219267

Ion Exp% Act%

63.00 100 100

98.00 83.00 0.00#

65.00 23.80 0.00#

0.00 0.00 0.00

*7 ME*  
*3/22/19*

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 QLast Update : Fri Mar 22 05:14:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 537843   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 546453   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 280707   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 158868   | 43.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.36%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 72660    | 24.99    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 49.98%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 219267m  | 33.05    | ug/L | -0.05   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.10%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 272911   | 101.15   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.15% |
| 24) Chloroform-d               | 4.64    | 84    | 302241   | 45.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.56%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 183794   | 48.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.56%  |
| 32) Benzene-d6                 | 5.33    | 84    | 649747   | 45.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.24%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 206722   | 46.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.80%  |
| 41) Toluene-d8                 | 7.56    | 98    | 579597   | 42.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.62%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 93036    | 42.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.76%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 239664   | 103.72   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.72% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 345744   | 50.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.18% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 264836   | 46.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.98%  |

7m8  
 3/27/19

| Target Compounds    | R.T. | QIon | Response | Conc  | Units | Qvalue |
|---------------------|------|------|----------|-------|-------|--------|
| 34) Trichloroethene | 6.19 | 95   | 6938     | 1.670 | ug/L  | 97     |

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