

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040919\  
Quantitation Report (QT Reviewed)

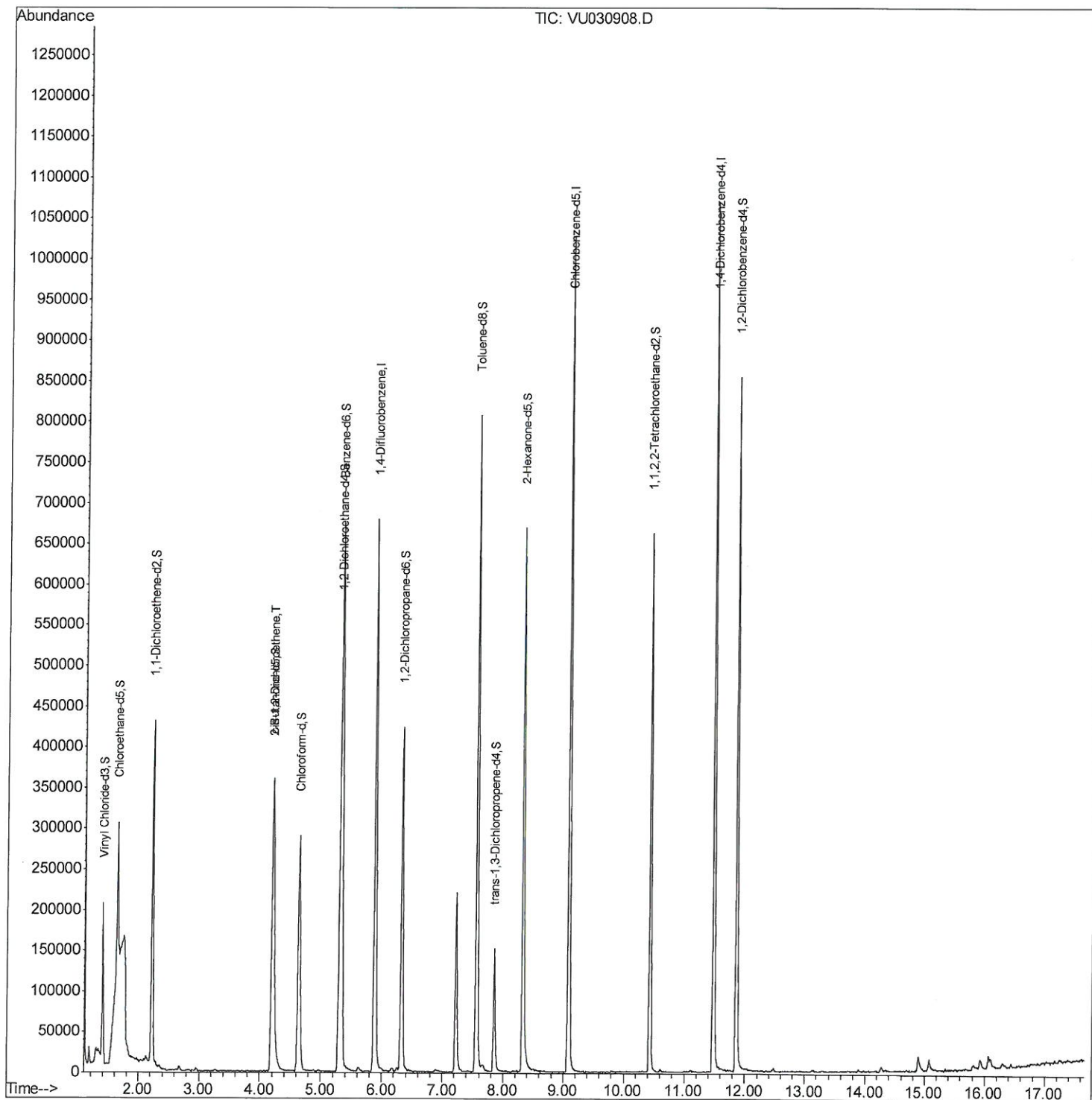
Data File : VU030908.D  
Acq On : 08 Apr 2019 16:11  
Operator : JC/SP  
Sample : K2259-17ME  
Misc : 5.47g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETJ47ME

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 11:05:51 AM

Quant Time: Apr 09 04:52:54 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 09 02:16:31 2019  
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040919\  
Quantitation Report (Qedit)

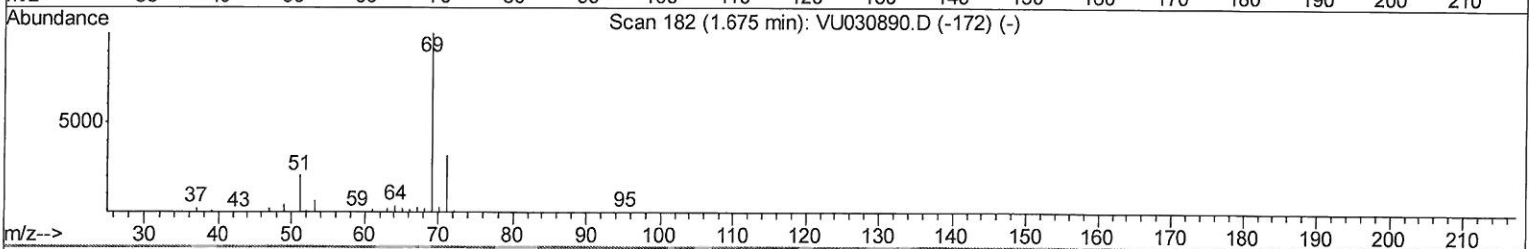
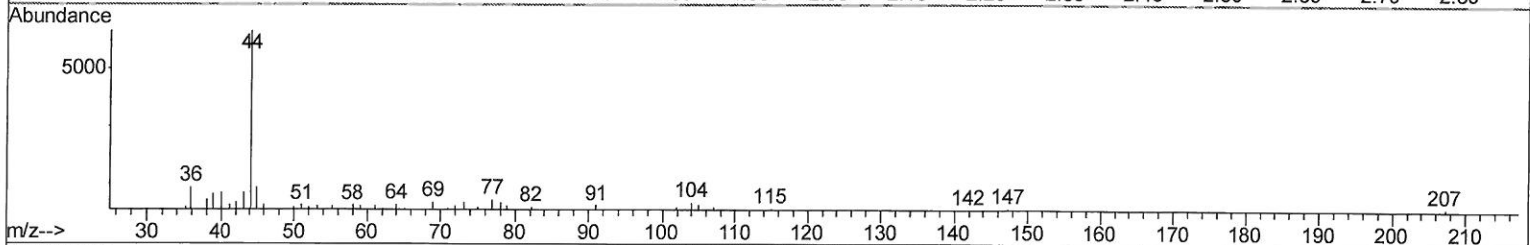
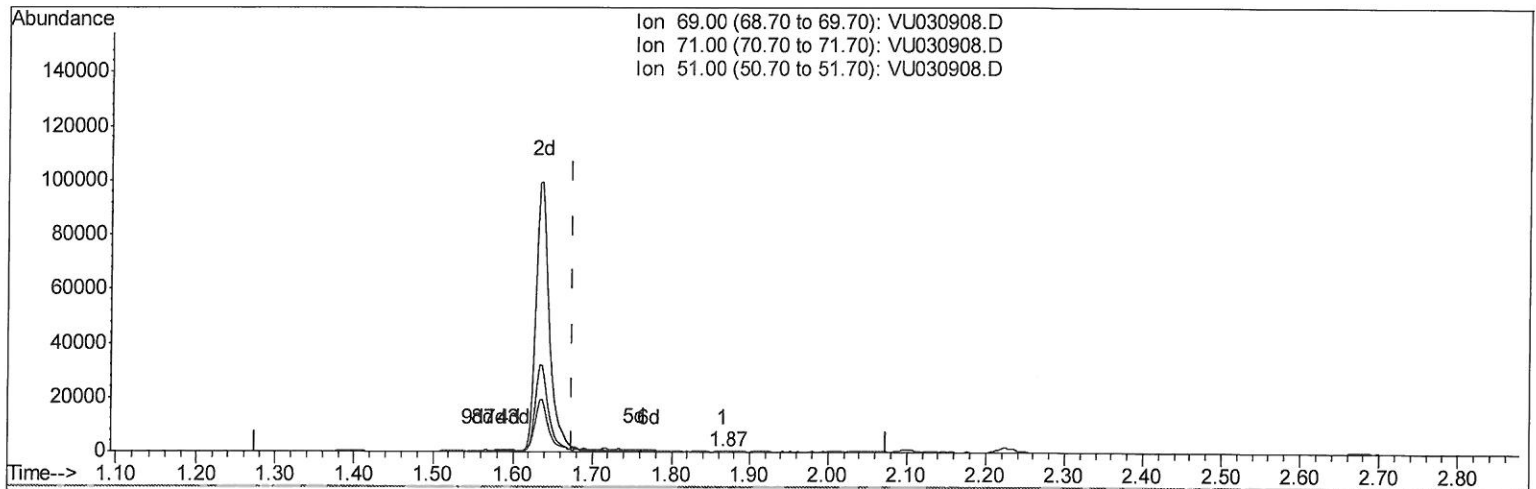
Data File : VU030908.D  
Acq On : 08 Apr 2019 16:11  
Operator : JC/SP  
Sample : K2259-17ME  
Misc : 5.47g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETJ47ME

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 11:05:51 AM

Quant Time: Apr 09 02:21:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 09 02:16:31 2019  
Response via : Initial Calibration



TIC: VU030908.D

(7) Chloroethane-d5 (S)

1.865min (+0.190) 0.11ug/L

response 443

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 69.00 | 100   | 100   |
| 71.00 | 31.60 | 37.25 |
| 51.00 | 27.70 | 24.15 |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040919\  
Quantitation Report (Qedit)

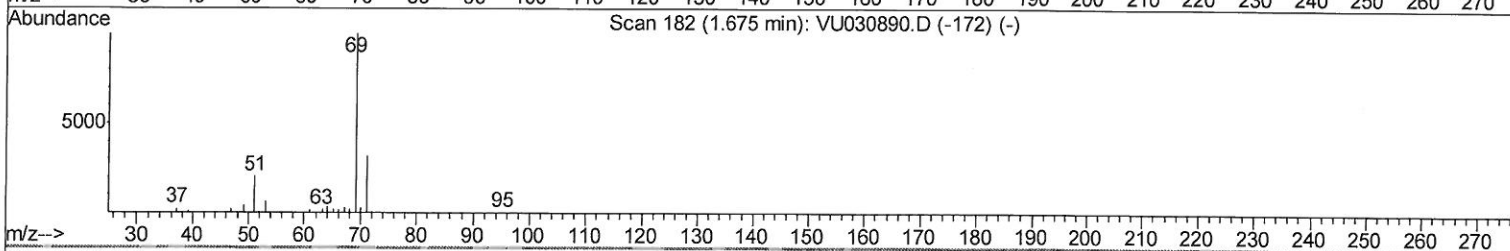
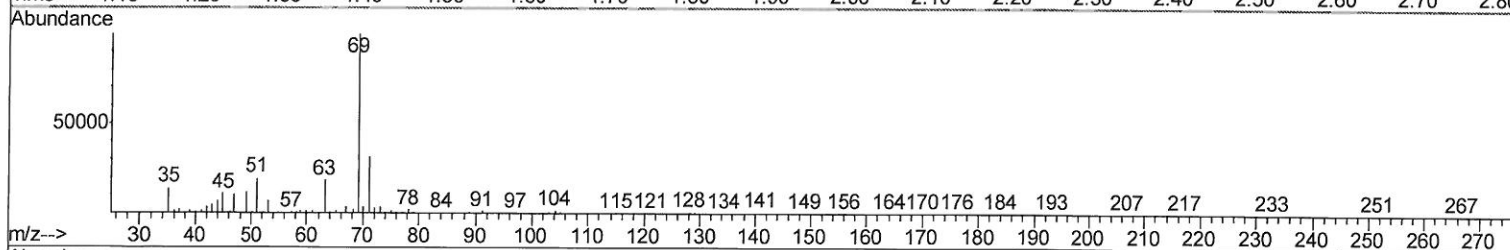
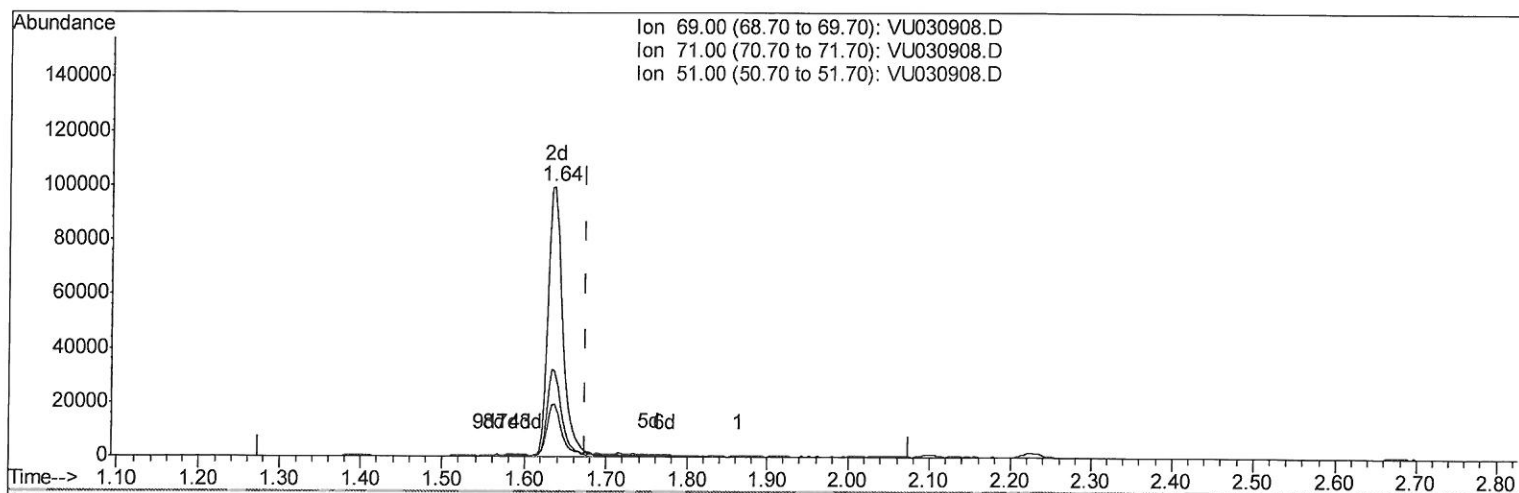
Data File : VU030908.D  
Acq On : 08 Apr 2019 16:11  
Operator : JC/SP  
Sample : K2259-17ME  
Misc : 5.47g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETJ47ME

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 11:05:51 AM

Quant Time: Apr 09 02:21:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 09 02:16:31 2019  
Response via : Initial Calibration



TIC: VU030908.D

(7) Chloroethane-d5 (S)

1.637min (-0.038) 31.03ug/L m

response 121846

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 69.00 | 100   | 100   |
| 71.00 | 31.60 | 0.14# |
| 51.00 | 27.70 | 0.09# |
| 0.00  | 0.00  | 0.00  |

7m  
4/10/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040919\  
Quantitation Report (QT Reviewed)

Data File : VU030908.D  
Acq On : 08 Apr 2019 16:11  
Operator : JC/SP  
Sample : K2259-17ME  
Misc : 5.47g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETJ47ME

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 11:05:51 AM

Quant Time: Apr 09 04:52:54 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 09 02:16:31 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 579585   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 573420   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 271319   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                               |         |       |          |          |      |         |
|-------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3          | 1.39    | 65    | 156370   | 30.22    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =    | 60.44%  |
| 7) Chloroethane-d5            | 1.64    | 69    | 121846m  | 31.03    | ug/L | -0.04   |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =    | 62.06%# |
| 11) 1,1-Dichloroethene-d2     | 2.23    | 63    | 251452   | 26.87    | ug/L | -0.04   |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 53.74%# |
| 21) 2-Butanone-d5             | 4.19    | 46    | 346847   | 84.59    | ug/L | 0.02    |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =    | 84.59%  |
| 24) Chloroform-d              | 4.64    | 84    | 302026   | 38.21    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 76.42%  |
| 26) 1,2-Dichloroethane-d4     | 5.30    | 65    | 222138   | 41.19    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 82.38%  |
| 32) Benzene-d6                | 5.33    | 84    | 633166   | 37.82    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 75.64%  |
| 36) 1,2-Dichloropropane-d6    | 6.32    | 67    | 227362   | 39.63    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =    | 79.26%  |
| 41) Toluene-d8                | 7.56    | 98    | 546124   | 36.81    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 73.62%# |
| 43) trans-1,3-Dichloropropene | 7.85    | 79    | 96241    | 36.79    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 73.58%  |
| 47) 2-Hexanone-d5             | 8.32    | 63    | 242409   | 92.45    | ug/L | 0.01    |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =    | 92.45%  |
| 57) 1,1,2,2-Tetrachloroethane | 10.43   | 84    | 343323   | 44.37    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =    | 88.74%  |
| 64) 1,2-Dichlorobenzene-d4    | 11.86   | 152   | 225474   | 42.26    | ug/L | 0.00    |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 84.52%  |

→ MD  
4/10/19

| Target Compounds           |      |    |        |             | Qvalue |
|----------------------------|------|----|--------|-------------|--------|
| 20) cis-1,2-Dichloroethene | 4.21 | 96 | 125688 | 26.759 ug/L | 94     |

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