

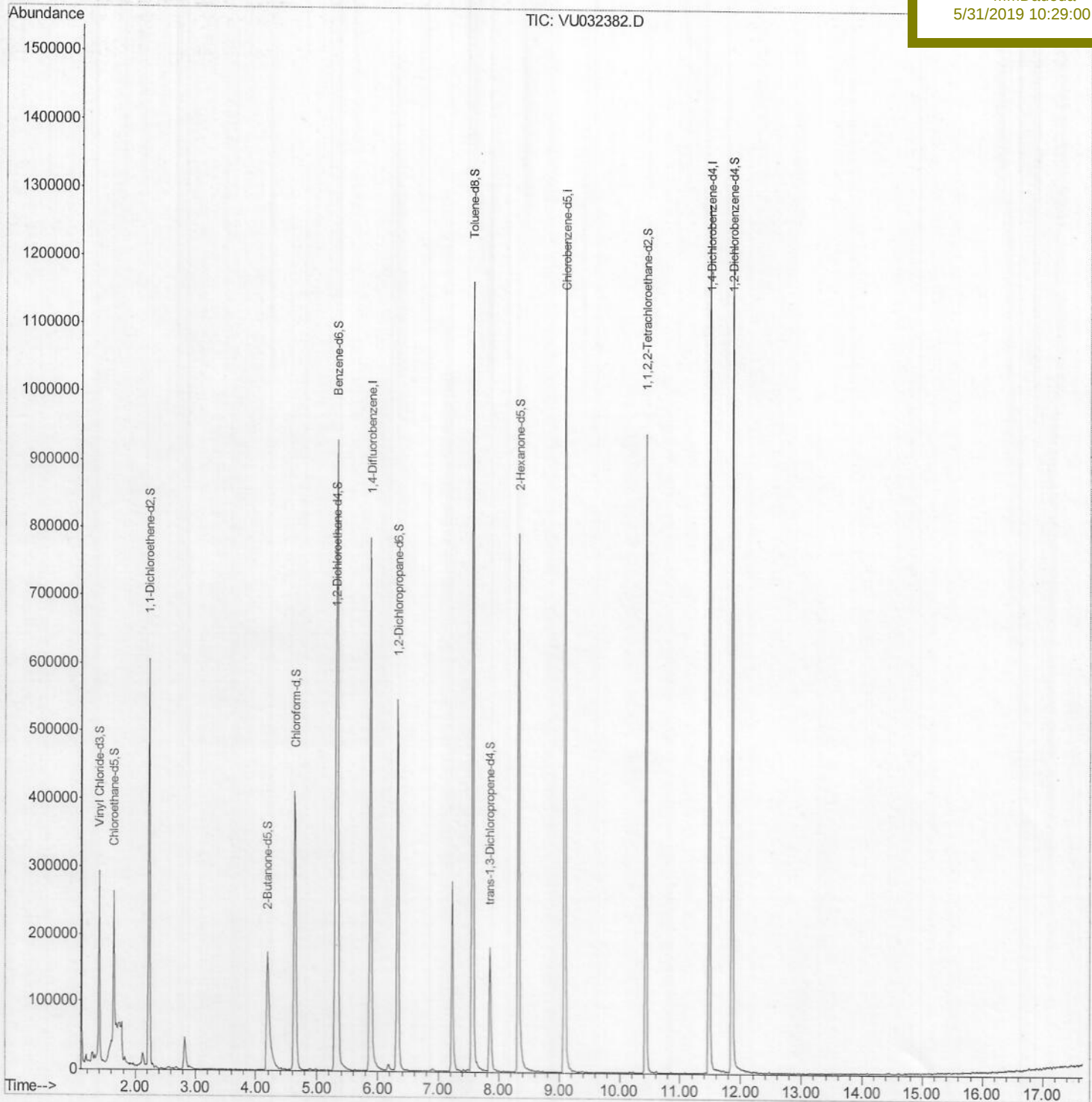
Data File : VU032382.D  
Acq On : 30 May 2019 15:26  
Operator : JC/SP  
Sample : K3081-03  
Misc : 7.98g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 31 05:17:14 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052819WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 31 04:34:14 2019  
Response via : Initial Calibration

Instrument :  
MSVOA\_U  
ClientSampleId :  
GALD3

Manual Integrations  
APPROVED

MMDadoda  
5/31/2019 10:29:00 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU053019\  
Quantitation Report (Qedit)

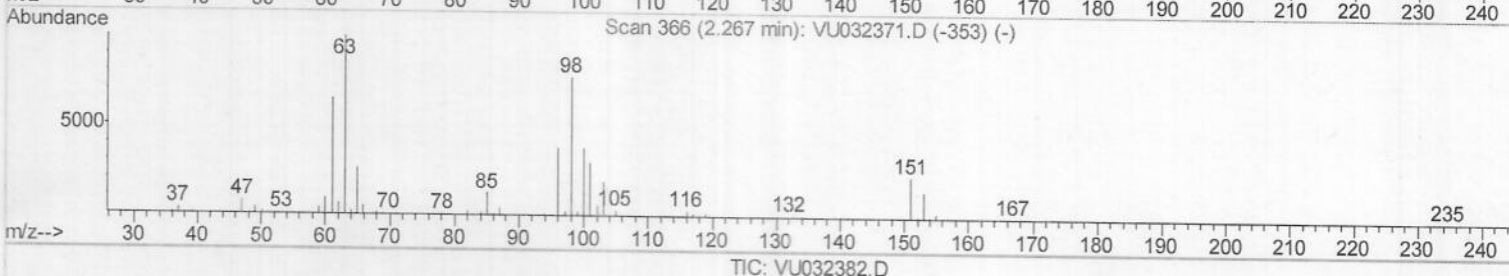
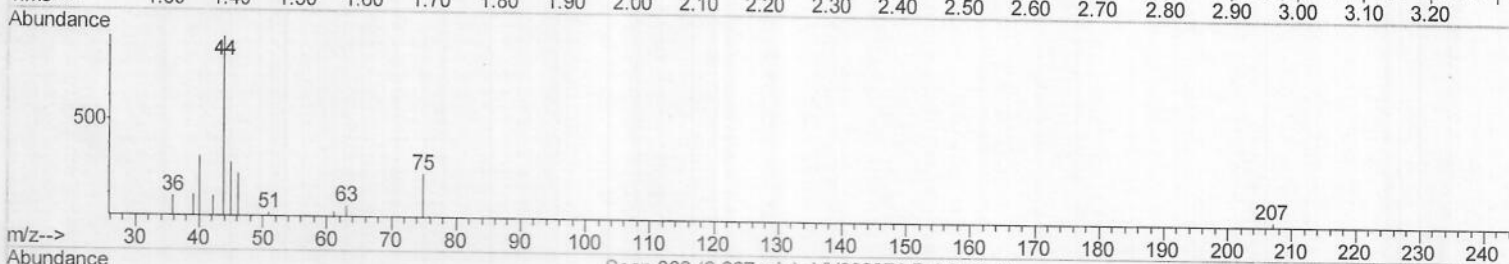
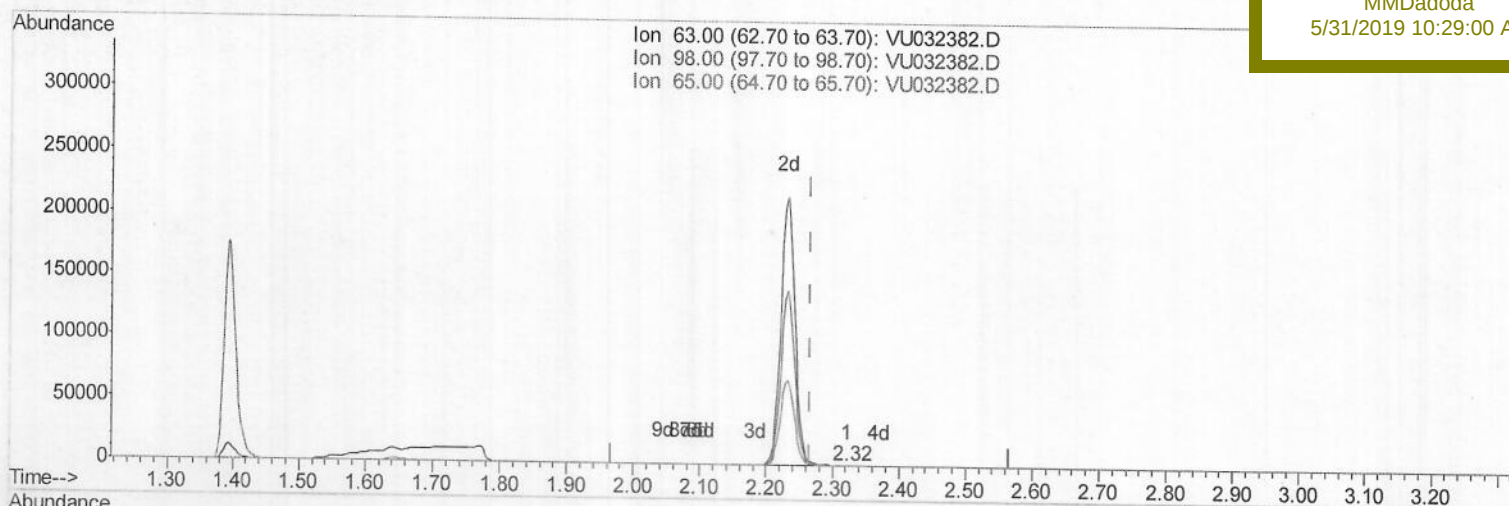
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TIC: VU032382.D

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

2.322min (+0.055) 0.01ug/L

response 101

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 63.00 | 100   | 100     |
| 98.00 | 80.00 | 0.00#   |
| 65.00 | 24.10 | 502.97# |
| 0.00  | 0.00  | 0.00    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU053019\  
Quantitation Report (Qedit)

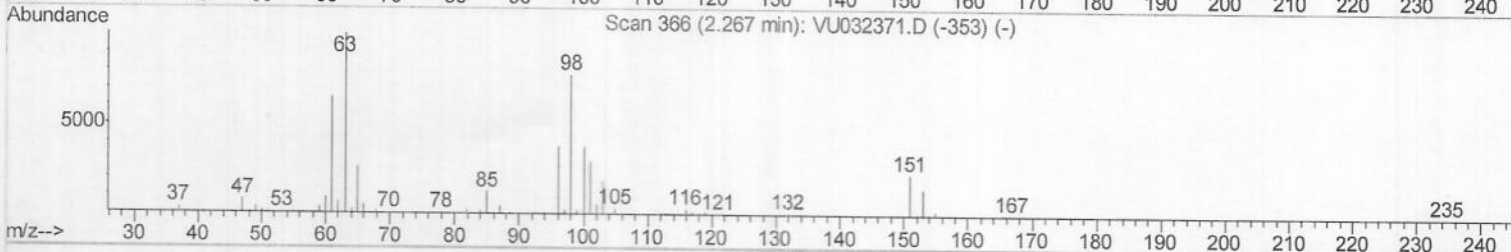
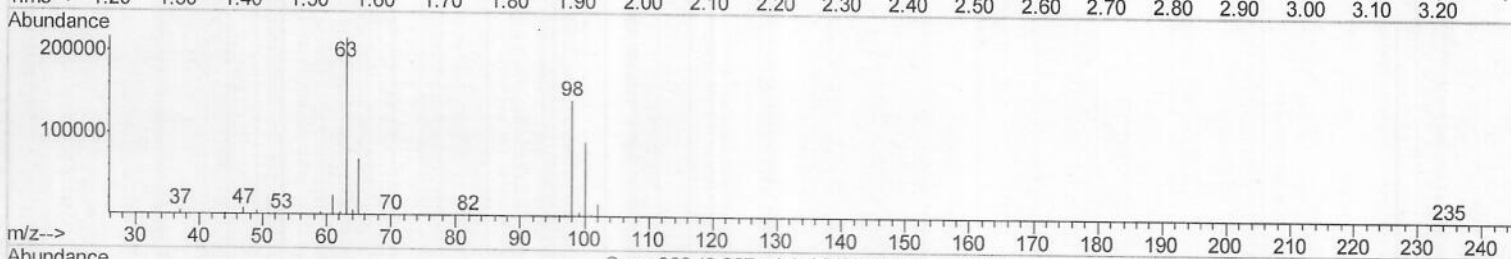
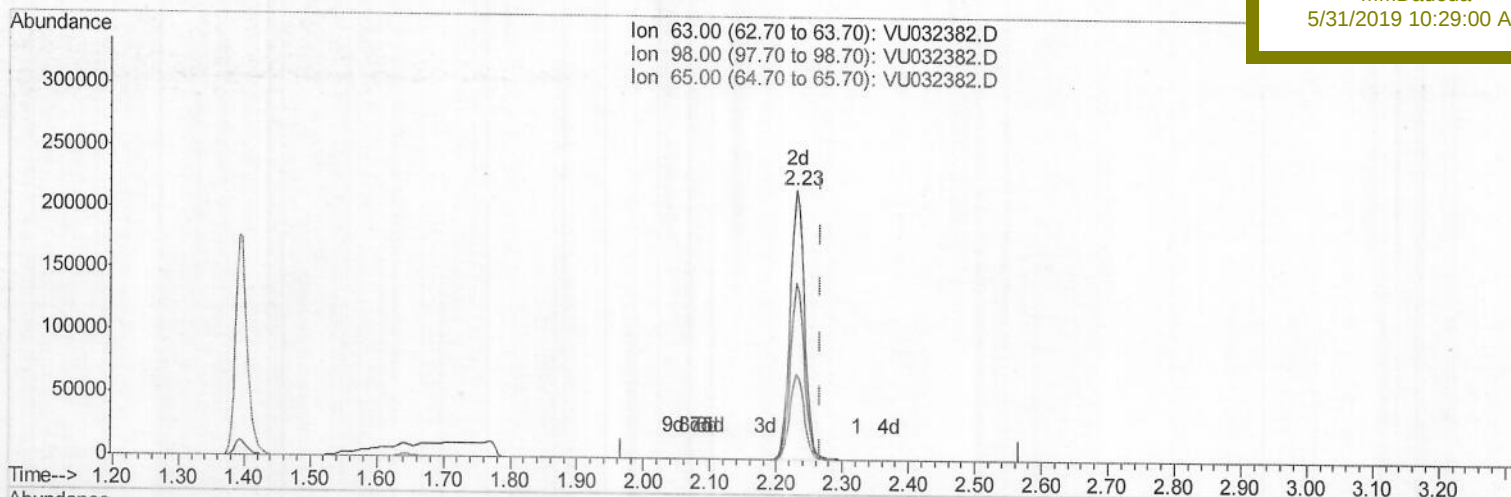
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Sample : K3081-03  
Misc : 7.98g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
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Quant Title : VOC Analysis  
QLast Update : Fri May 31 04:34:14 2019  
Response via : Initial Calibration

Instrument :  
MSVOA\_U  
ClientSampleId :  
GALD3

Manual Integrations  
APPROVED

MMDadoda  
5/31/2019 10:29:00 AM



TIC: VU032382.D

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

2.232min (-0.035) 33.13ug/L m

response 324817

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 80.00 | 0.00# |
| 65.00 | 24.10 | 0.16# |
| 0.00  | 0.00  | 0.00  |

M.P  
05/31/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU053019\  
Quantitation Report (QT Reviewed)

Data File : VU032382.D  
Acq On : 30 May 2019 15:26  
Operator : JC/SP  
Sample : K3081-03  
Misc : 7.98g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 31 05:17:14 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052819WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 31 04:34:14 2019  
Response via : Initial Calibration

Instrument :  
MSVOA\_U  
ClientSampleId :  
GALD3

Manual Integrations  
APPROVED

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 748741   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 782794   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 351615   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |                |     |            |         |      |       |
|--------------------------------|----------------|-----|------------|---------|------|-------|
| 4) Vinyl Chloride-d3           | 1.39           | 65  | 212569     | 38.52   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 77.04%  |      |       |
| 7) Chloroethane-d5             | 1.64           | 69  | 136998     | 30.74   | ug/L | -0.02 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 61.48%# |      |       |
| 11) 1,1-Dichloroethene-d2      | 2.23           | 63  | 324817m    | 33.13   | ug/L | -0.03 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 66.26%  |      |       |
| 21) 2-Butanone-d5              | 4.19           | 46  | 366005     | 100.77  | ug/L | 0.02  |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 100.77% |      |       |
| 24) Chloroform-d               | 4.64           | 84  | 447009     | 46.28   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 92.56%  |      |       |
| 26) 1,2-Dichloroethane-d4      | 5.30           | 65  | 285934     | 50.02   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 100.04% |      |       |
| 32) Benzene-d6                 | 5.33           | 84  | 956785     | 46.60   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 93.20%  |      |       |
| 36) 1,2-Dichloropropane-d6     | 6.32           | 67  | 297604     | 46.70   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 93.40%  |      |       |
| 41) Toluene-d8                 | 7.56           | 98  | 856743     | 44.72   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 89.44%  |      |       |
| 43) trans-1,3-Dichloropropene- | 7.85           | 79  | 127950     | 43.84   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 87.68%  |      |       |
| 47) 2-Hexanone-d5              | 8.32           | 63  | 312693     | 116.94  | ug/L | 0.01  |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 116.94% |      |       |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43          | 84  | 479171     | 49.21   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 98.42%  |      |       |
| 64) 1,2-Dichlorobenzene-d4     | 11.86          | 152 | 358124     | 49.95   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 99.90%  |      |       |

Target Compounds Qvalue

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

M.D  
05/31/19