

Data File : VU024921.D  
Acq On : 26 Jun 2018 12:49  
Operator : MD/SY  
Sample : J3621-06ME  
Misc : 7.78g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DAZ58ME

Quant Time: Jun 27 01:09:47 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061518WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 27 01:09:35 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 402055   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.10  | 117  | 361182   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 168664   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 67301    | 29.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 58.48%# |
| 7) Chloroethane-d5             | 1.67    | 69    | 45532    | 25.72    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 51.44%# |
| 11) 1,1-Dichloroethene-d2      | 2.25    | 63    | 120478   | 26.20    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 52.40%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 147221   | 75.79    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 75.79%  |
| 24) Chloroform-d               | 4.65    | 84    | 179307   | 38.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.34%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 130753   | 44.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.94%  |
| 32) Benzene-d6                 | 5.34    | 84    | 355583   | 40.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.88%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 116452   | 39.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 79.84%  |
| 41) Toluene-d8                 | 7.57    | 98    | 344477   | 38.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 77.64%# |
| 43) trans-1,3-Dichloropropene- | 7.86    | 79    | 56683    | 38.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.16%  |
| 47) 2-Hexanone-d5              | 8.34    | 63    | 115611   | 76.97    | ug/L | 0.03    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 76.97%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 160477   | 37.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 75.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 136640   | 41.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.96%  |

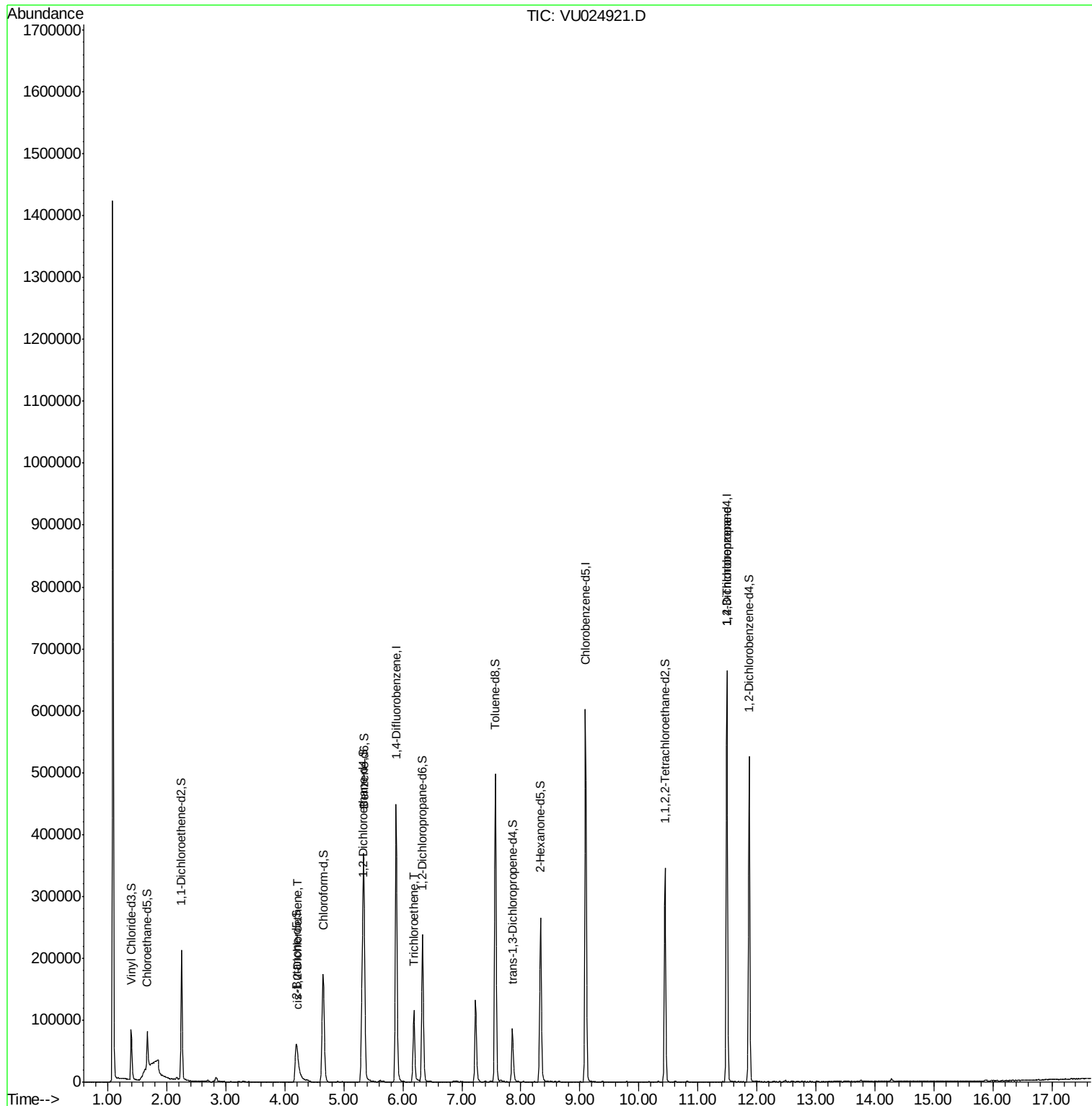
| Target Compounds           |       |    |       |             | Qvalue |
|----------------------------|-------|----|-------|-------------|--------|
| 20) cis-1,2-Dichloroethene | 4.23  | 96 | 3859  | 1.228 ug/L  | 99     |
| 34) Trichloroethene        | 6.18  | 95 | 40102 | 13.671 ug/L | 96     |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 19546 | 5.212 ug/L  | 90     |

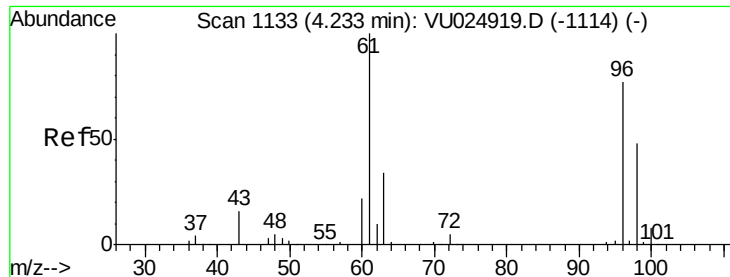
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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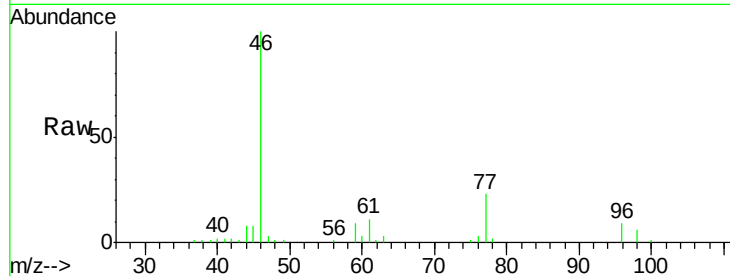




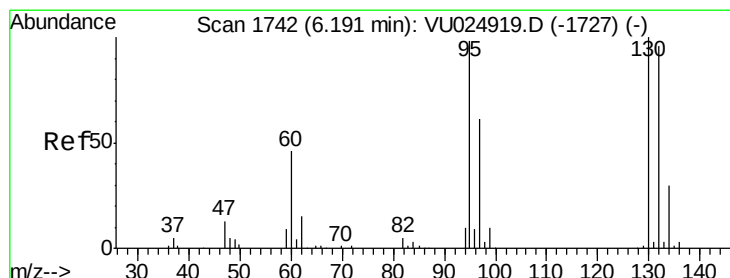
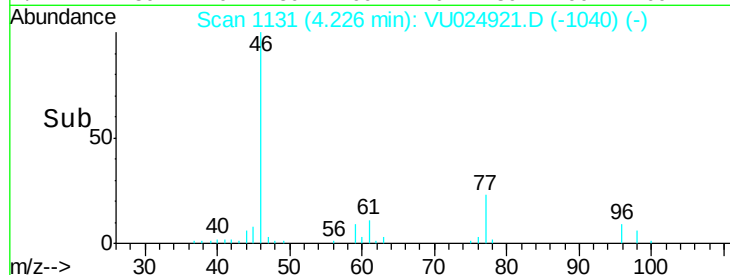
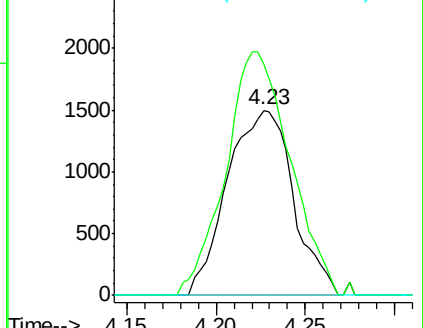
#20  
 cis-1,2-Dichloroethene  
 Concen: 1.228 ug/L  
 RT: 4.23 min Scan# 1131  
 Delta R.T. -0.01 min  
 Lab File: VU024921.D  
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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DAZ58ME

Tgt Ion: 96 Resp: 3859  
 Ion Ratio Lower Upper  
 96 100  
 61 125.1 87.1 161.7  
 68 0.0 0.0 0.0

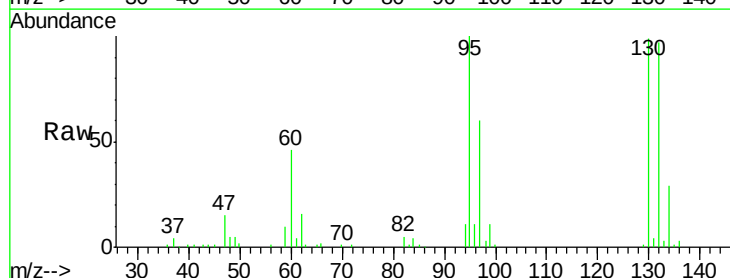


Abundance Ion 96.00 (95.70 to 96.70): VU0  
 Ion 61.00 (60.70 to 61.70): VU0  
 Ion 68.00 (67.70 to 68.70): VU0

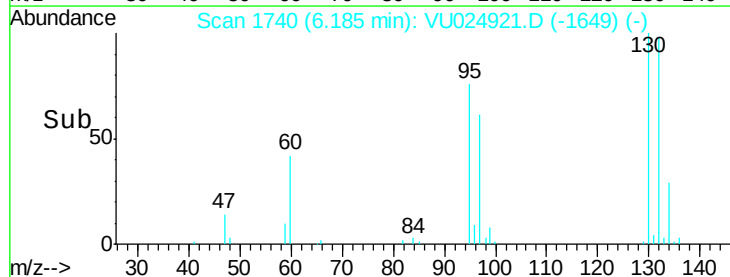
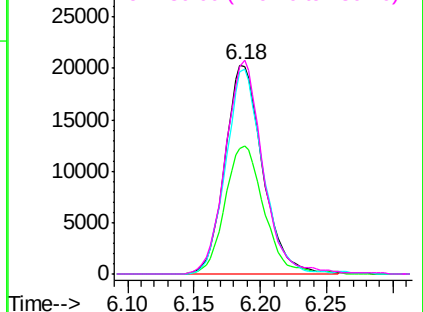


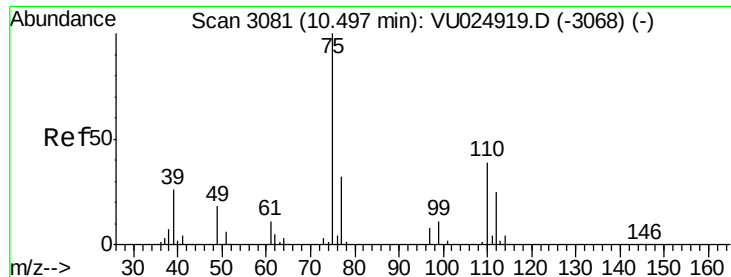
#34  
 Trichloroethene  
 Concen: 13.671 ug/L  
 RT: 6.18 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: VU024921.D  
 Acq: 26 Jun 2018 12:49

Tgt Ion: 95 Resp: 40102  
 Ion Ratio Lower Upper  
 95 100  
 97 60.2 44.8 83.2  
 132 96.8 70.4 130.8  
 130 99.2 72.6 134.8



Abundance Ion 95.00 (94.70 to 95.70): VU0  
 Ion 97.00 (96.70 to 97.70): VU0  
 Ion 132.00 (131.70 to 132.70): V  
 Ion 130.00 (129.70 to 130.70): V





#59

1,2,3-Trichloropropane

Concen: 5.212 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

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Instrument :

MSVOA\_U

ClientSampleId :

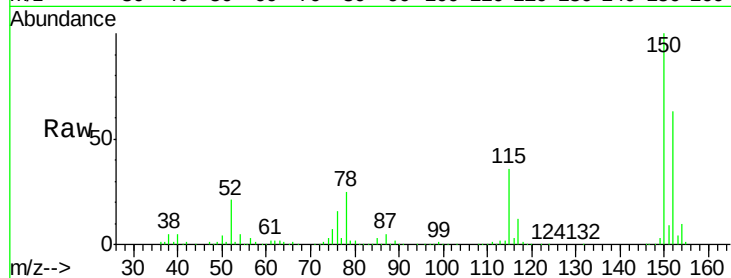
DAZ58ME

Tgt Ion: 75 Resp: 19546

Ion Ratio Lower Upper

75 100

77 38.5 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

