

Data File : VU030056.D  
Acq On : 14 Mar 2019 01:32  
Operator : JC/SP  
Sample : K1885-18  
Misc : 5.59g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF1K2

Quant Time: Mar 14 03:56:39 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 14 03:50:43 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 508758   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 502776   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 260821   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 43804    | 13.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 26.04%# |
| 7) Chloroethane-d5             | 1.70    | 69    | 72       | 0.03     | ug/L | 0.03    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 0.06%#  |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 54628    | 8.99     | ug/L | -0.05   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 17.98%# |
| 21) 2-Butanone-d5              | 4.20    | 46    | 70224    | 27.85    | ug/L | 0.03    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 27.85%# |
| 24) Chloroform-d               | 4.64    | 84    | 78417    | 12.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 25.98%# |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 49653    | 14.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 28.48%# |
| 32) Benzene-d6                 | 5.33    | 84    | 162564   | 12.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 25.12%# |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 54223    | 13.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 27.38%# |
| 41) Toluene-d8                 | 7.56    | 98    | 140455   | 11.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 23.18%# |
| 43) trans-1,3-Dichloropropene- | 7.86    | 79    | 22458    | 11.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 23.40%# |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 67278    | 30.36    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 30.36%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 92967    | 15.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 30.54%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 70927    | 14.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 28.08%# |

#### Target Compounds

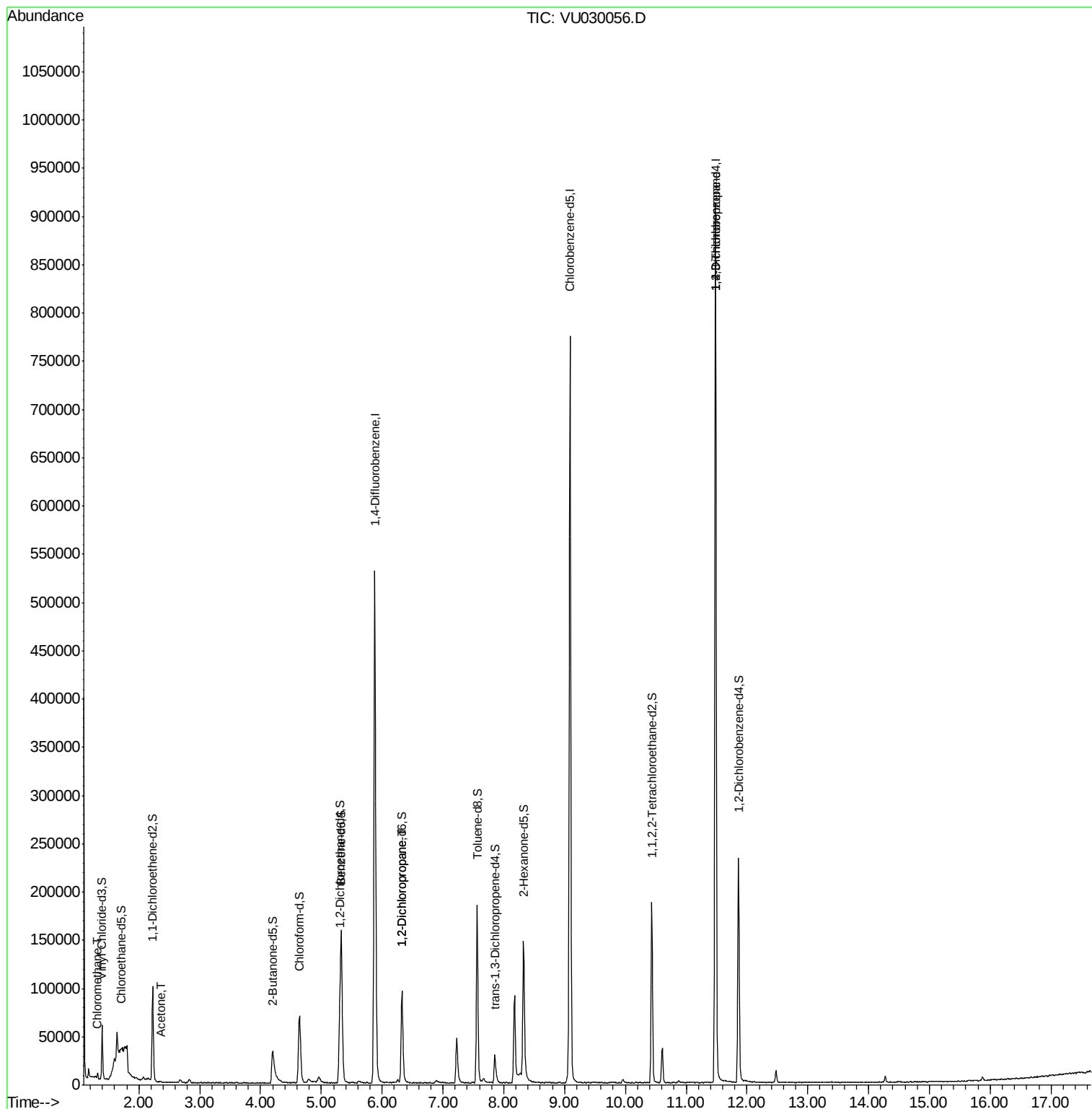
|                            |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 3) Chloromethane           | 1.32  | 50 | 3812  | 1.075 ug/L   | 99     |
| 13) Acetone                | 2.36  | 43 | 1745  | 0.592 ug/L   | 63     |
| 37) 1,2-Dichloropropane    | 6.32  | 63 | 5134  | 1.357 ug/L # | 87     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 26745 | 5.427 ug/L   | 93     |

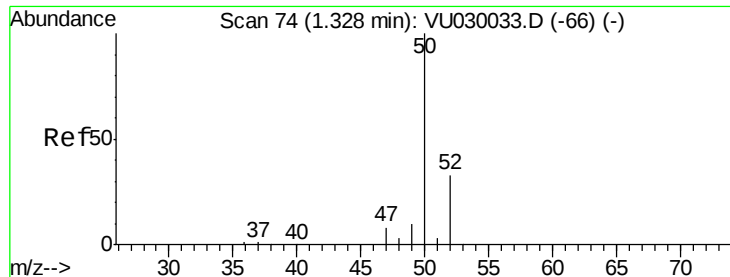
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.075 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

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Instrument :

MSVOA\_U

ClientSampleId :

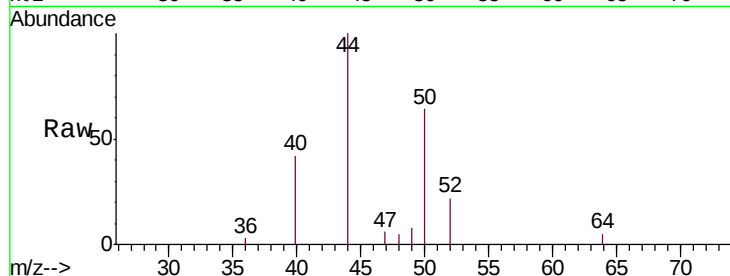
BF1K2

Tgt Ion: 50 Resp: 3812

Ion Ratio Lower Upper

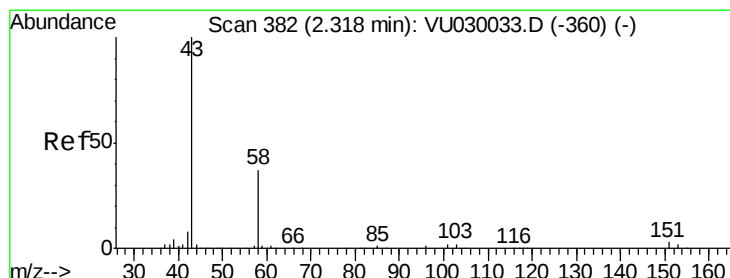
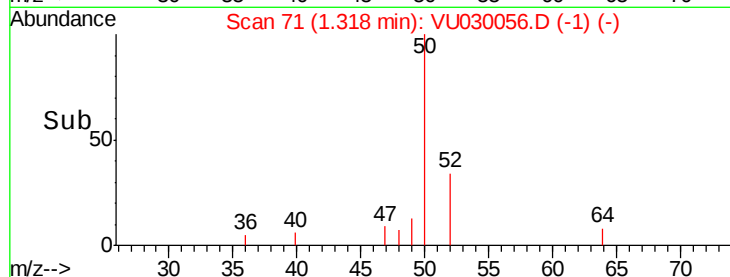
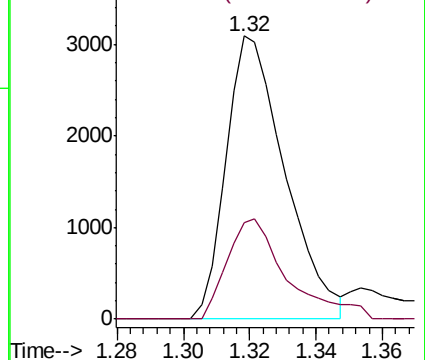
50 100

52 34.2 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 0.592 ug/L

RT: 2.36 min Scan# 395

Delta R.T. 0.04 min

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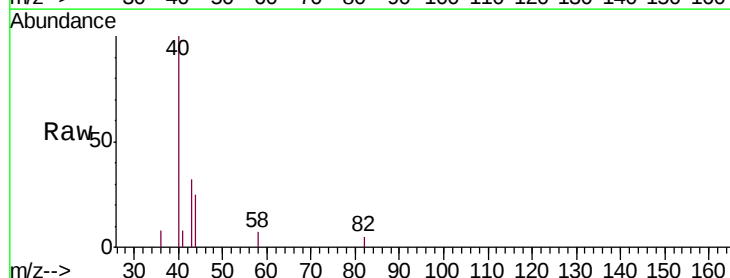
Acq: 14 Mar 2019 01:32

Tgt Ion: 43 Resp: 1745

Ion Ratio Lower Upper

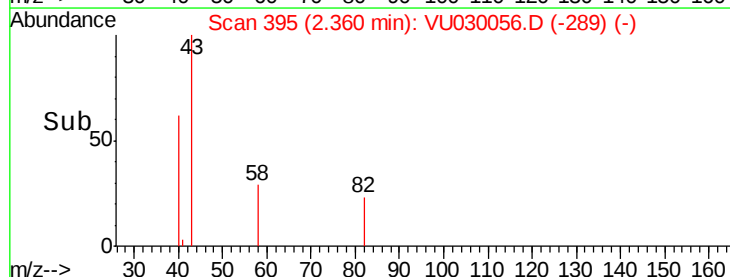
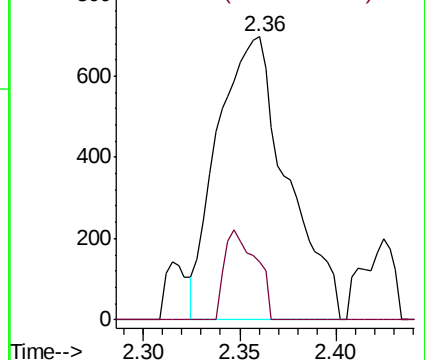
43 100

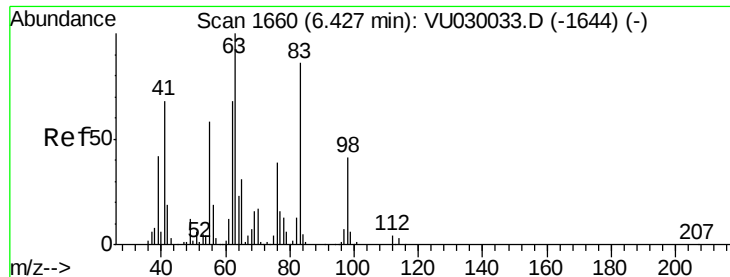
58 14.6 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#37

1,2-Dichloropropane

Concen: 1.357 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

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MSVOA\_U

ClientSampleId :

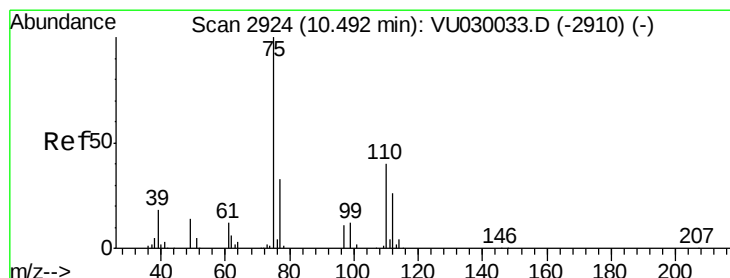
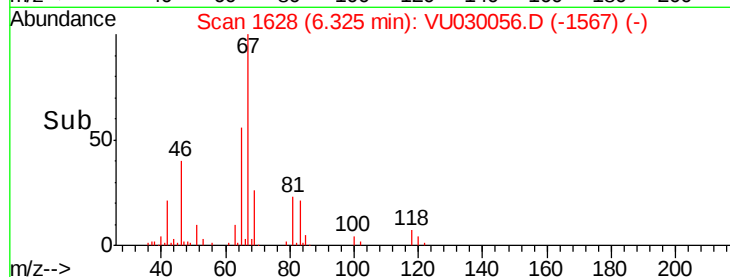
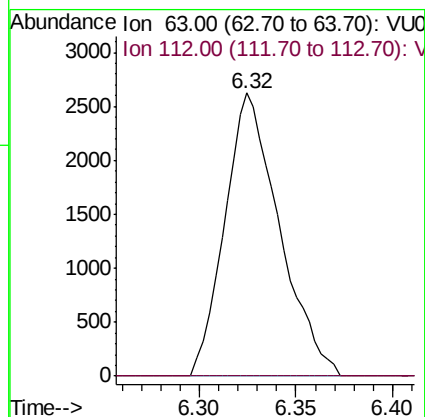
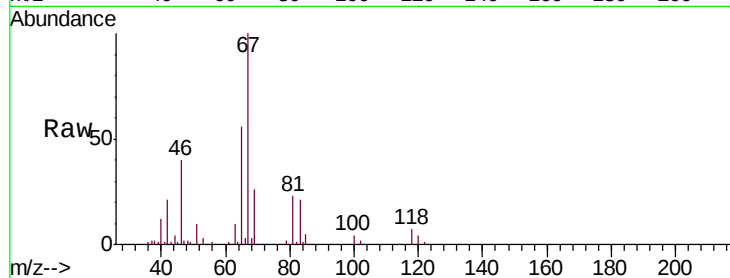
BF1K2

Tgt Ion: 63 Resp: 5134

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#59

1,2,3-Trichloropropane

Concen: 5.427 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030056.D

Acq: 14 Mar 2019 01:32

Tgt Ion: 75 Resp: 26745

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.8

