

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\  
 Data File : VU037054.D  
 Acq On : 04 Mar 2020 22:06  
 Operator : JC/MD  
 Sample : VU0304WBL02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK39

Quant Time: Mar 05 03:03:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 05 02:52:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 253826   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 240452   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 81186    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 94288    | 44.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.46%  |
| 7) Chloroethane-d5             | 1.91    | 69    | 88879    | 50.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.78% |
| 11) 1,1-Dichloroethene-d2      | 2.58    | 63    | 123720   | 34.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.32%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 142647   | 99.77    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.77%  |
| 24) Chloroform-d               | 5.10    | 84    | 163581   | 50.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.52% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 115334   | 52.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.72% |
| 32) Benzene-d6                 | 5.76    | 84    | 355109   | 51.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.14% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 117489   | 52.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.30% |
| 41) Toluene-d8                 | 7.93    | 98    | 309900   | 48.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.08%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 47209    | 45.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.18%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 97667    | 88.67    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.67%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 163587   | 51.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 103.02% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 87319    | 55.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.04% |

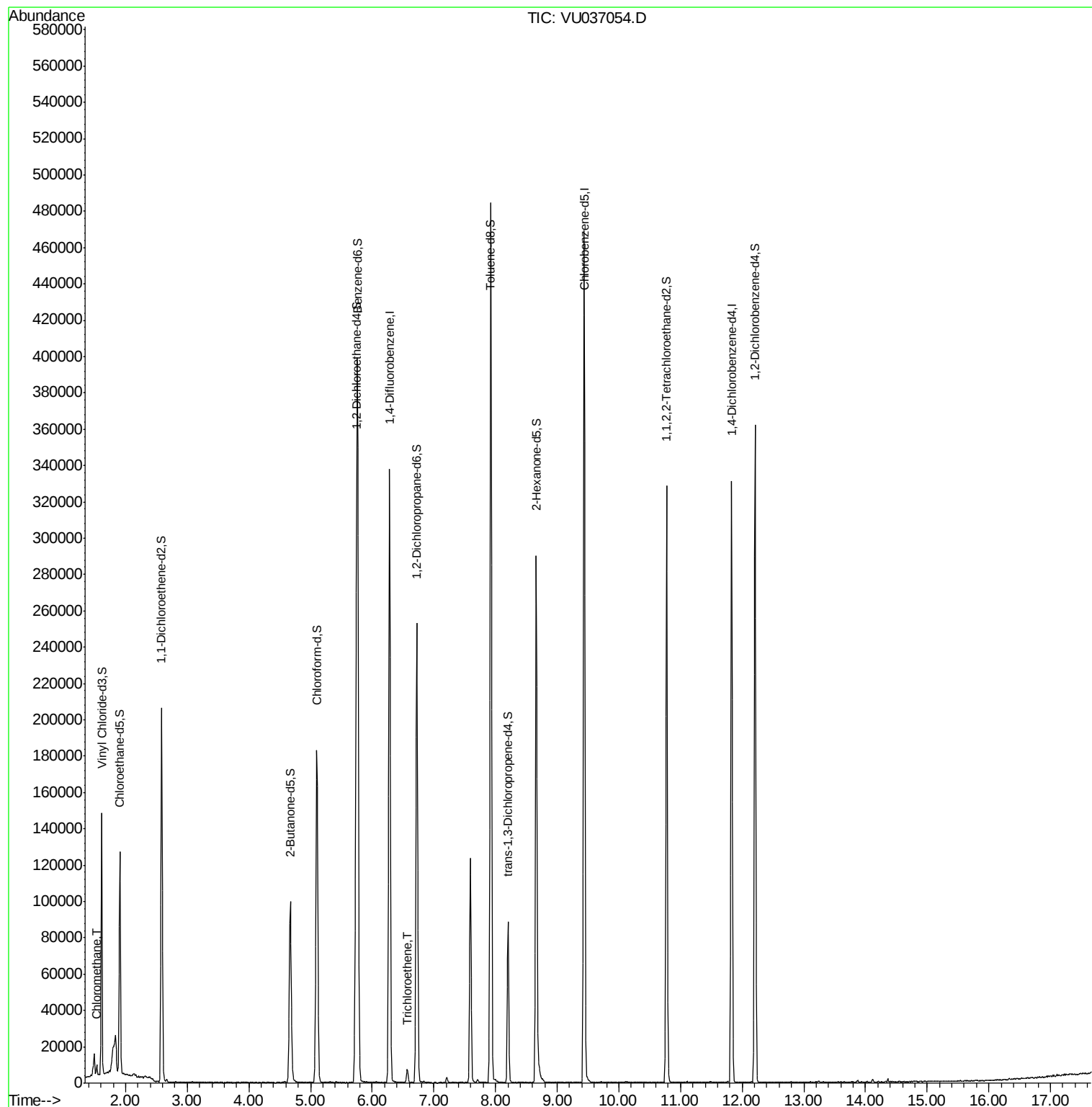
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 3) Chloromethane    | 1.53 | 50 | 5020 | 2.027 ug/L | 91     |
| 34) Trichloroethene | 6.57 | 95 | 2177 | 1.166 ug/L | 86     |

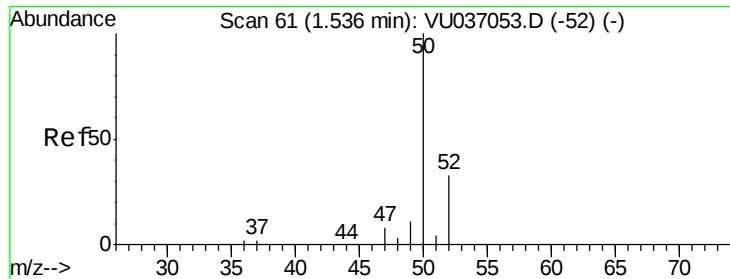
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Mar 05 02:52:45 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.027 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037054.D

Acq: 04 Mar 2020 22:06

Instrument :

MSVOA\_U

ClientSampleId :

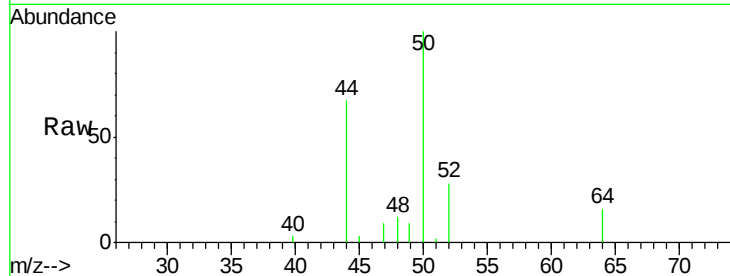
VBLK39

Tot Ion: 50 Resp: 5020

Ion Ratio Lower Upper

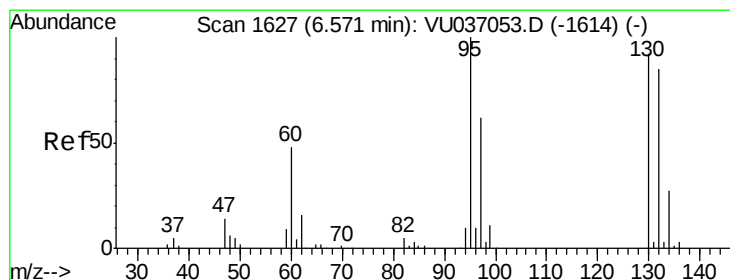
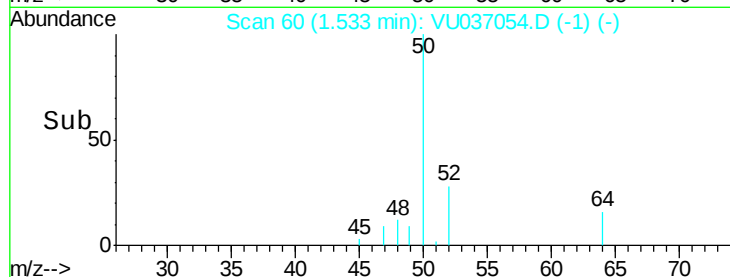
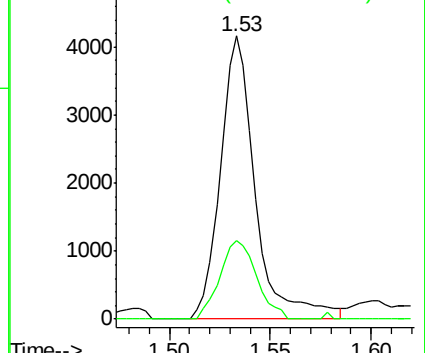
50 100

52 27.6 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU037053.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037053.D (-52) (-)



#34

Trichloroethene

Concen: 1.166 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU037054.D

Acq: 04 Mar 2020 22:06

Tgt Ion: 95 Resp: 2177

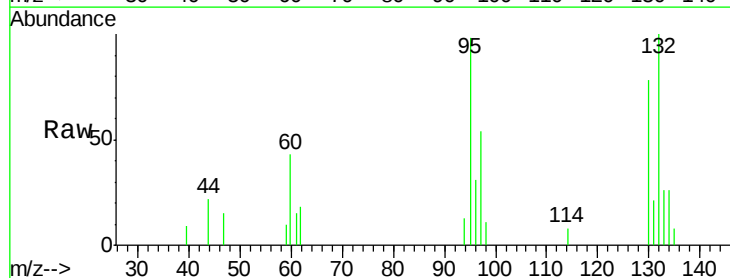
Ion Ratio Lower Upper

95 100

97 55.1 44.1 81.9

132 101.7 60.6 112.6

130 79.2 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU037053.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU037053.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU037053.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU037053.D (-1614) (-)

