

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\  
 Data File : VU038753.D  
 Acq On : 10 Jun 2020 03:37  
 Operator : SY/MD  
 Sample : VU0610MBL01  
 Misc : 100uL/5.0mL/MSVOA U/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK41

Quant Time: Jun 10 06:38:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 10 06:36:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 523740   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 500472   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 233489   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 128659   | 43.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.94%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 114081   | 50.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.52% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 210858   | 33.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.12%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 299183   | 105.10   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.10% |
| 24) Chloroform-d               | 5.10    | 84    | 303508   | 48.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.22%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 214085   | 51.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.76    | 84    | 604858   | 50.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.34% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 188112   | 50.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.26% |
| 41) Toluene-d8                 | 7.92    | 98    | 507445   | 46.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.16%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 88376    | 47.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.50%  |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 216848   | 109.65   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 109.65% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 272662   | 49.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 208393   | 51.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.82% |

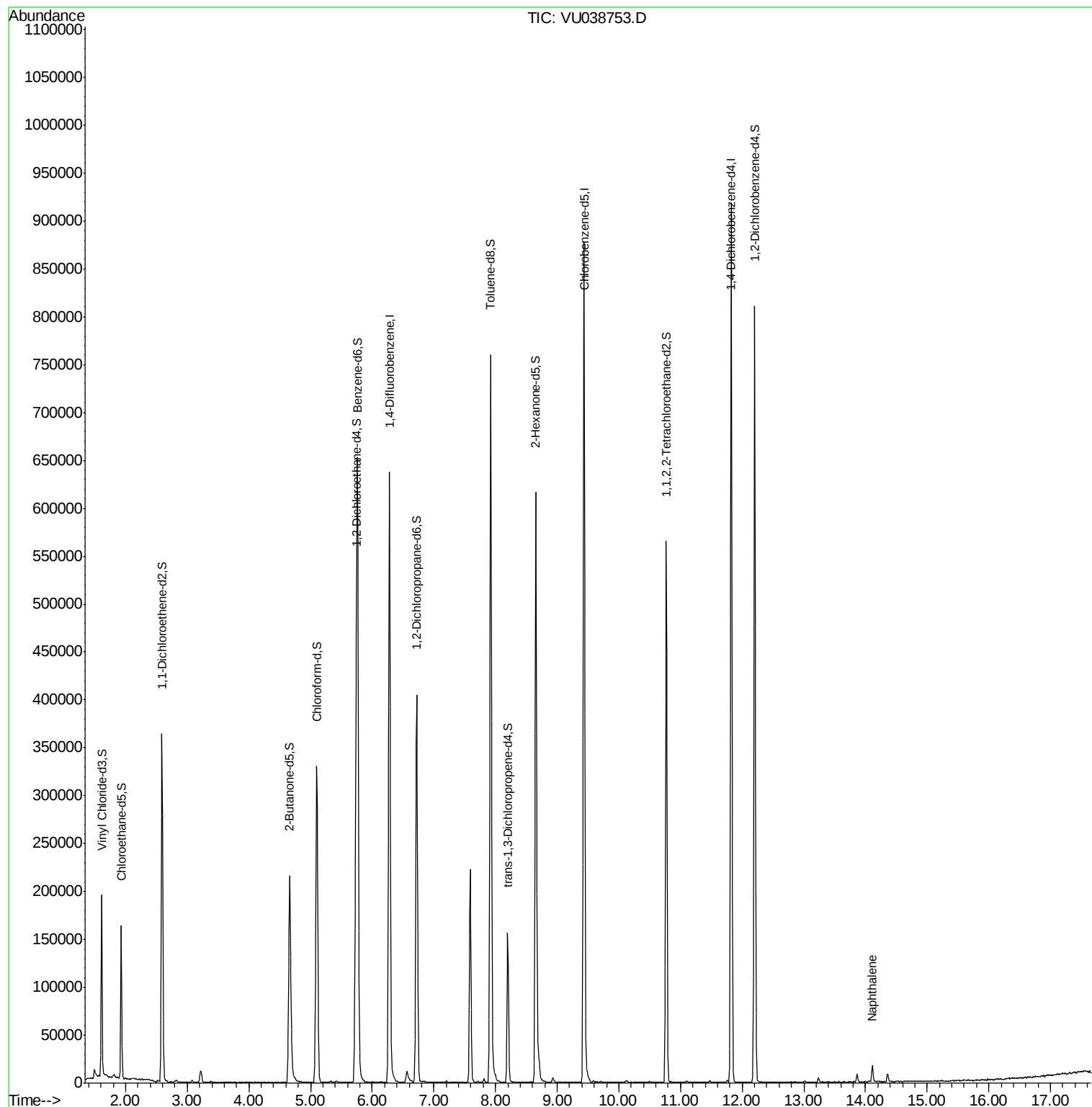
| Target Compounds |       |     |       | Ovalue        |
|------------------|-------|-----|-------|---------------|
| 69) Naphthalene  | 14.11 | 128 | 13317 | 0.772 ug/L 99 |

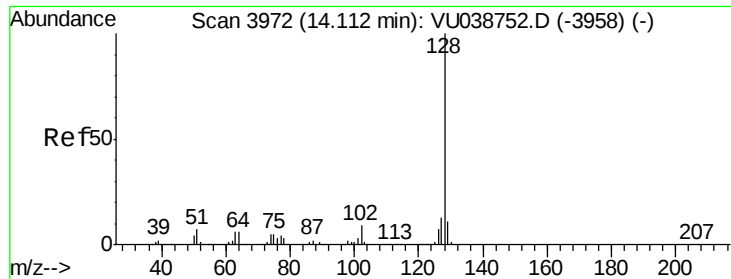
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis  
QLast Update : Wed Jun 10 06:36:11 2020  
Response via : Initial Calibration





#69

Naphthalene

Concen: 0.772 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU038753.D

Acq: 10 Jun 2020 03:37

Instrument :

MSVOA\_U

ClientSampleId :

VBLK41

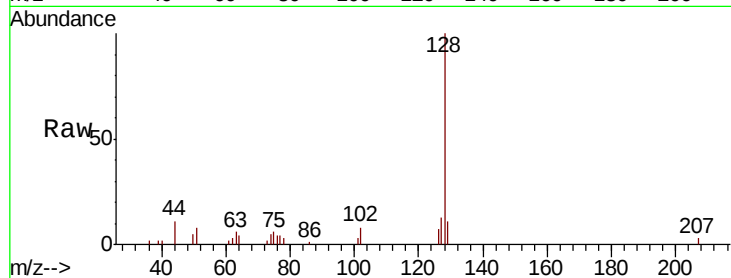
Tot Ion:128 Resp: 13317

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

