

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\  
 Data File : VU038654.D  
 Acq On : 07 Jun 2020 06:43  
 Operator : SY/MD  
 Sample : L2911-17  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D48

Quant Time: Jun 08 05:28:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 08 02:53:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 316571   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 312930   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 148986   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 89493    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 78669    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 140329   | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 354564   | 56.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.94% |
| 24) Chloroform-d               | 5.10   | 84    | 197988   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 117916   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.00% |
| 32) Benzene-d6                 | 5.76   | 84    | 396990   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 124882   | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.00% |
| 41) Toluene-d8                 | 7.92   | 98    | 333647   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.20%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 45970    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.00%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 299792   | 58.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 117.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 107280   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 138931   | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.20% |

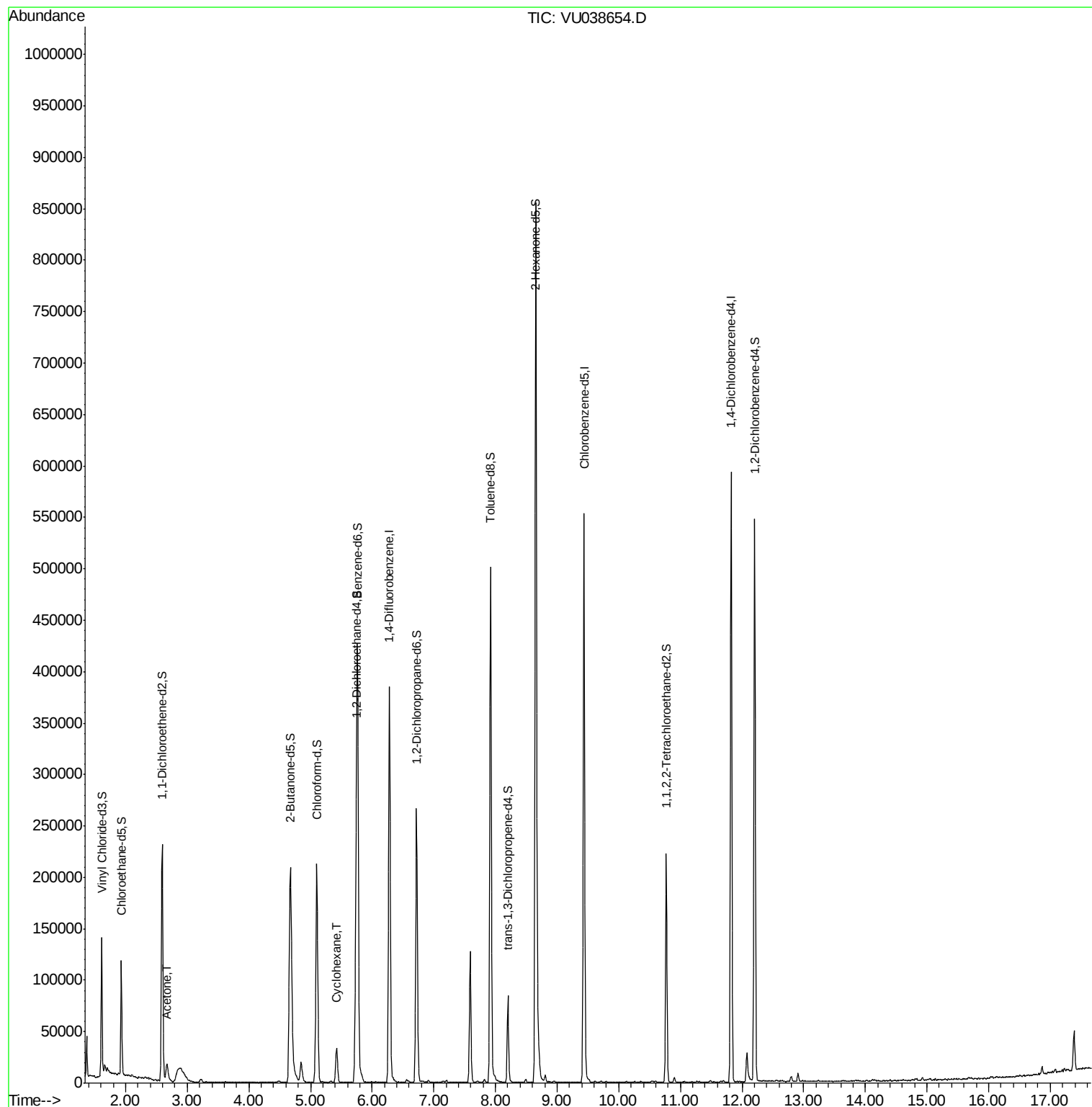
| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 2.67 | 43 | 29486 | 7.239 ug/L 95 |
| 30) Cyclohexane  | 5.43 | 56 | 16398 | 0.472 ug/L 98 |

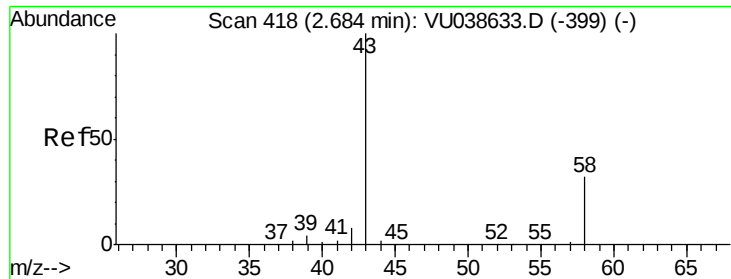
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 02:53:04 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 7.239 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038654.D

Acq: 07 Jun 2020 06:43

Instrument :

MSVOA\_U

ClientSampled :

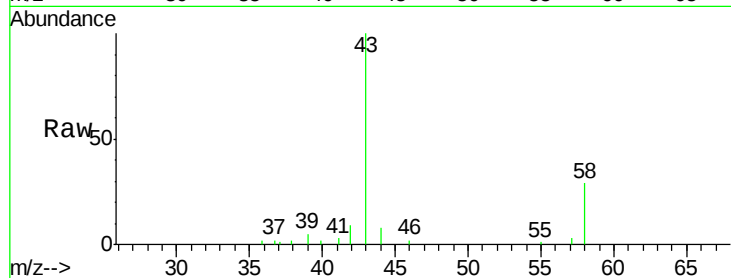
F9D48

Tot Ion: 43 Resp: 29486

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.6

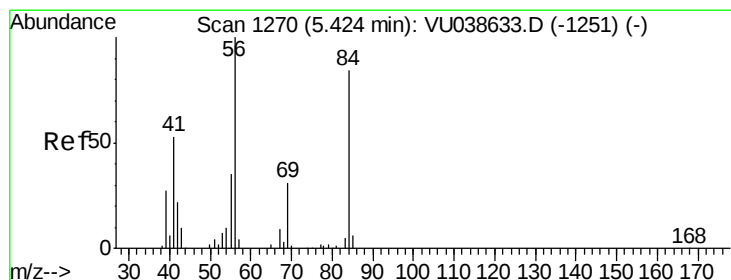
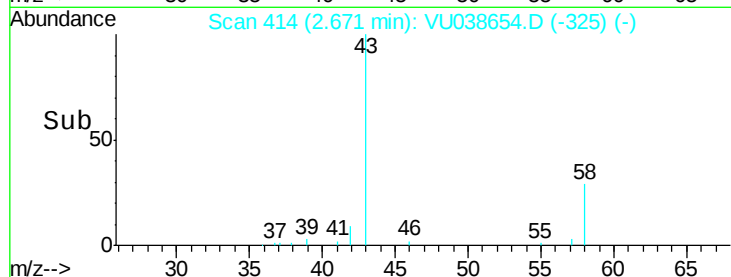


Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

2.67

Time-->



#30

Cyclohexane

Concen: 0.472 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038654.D

Acq: 07 Jun 2020 06:43

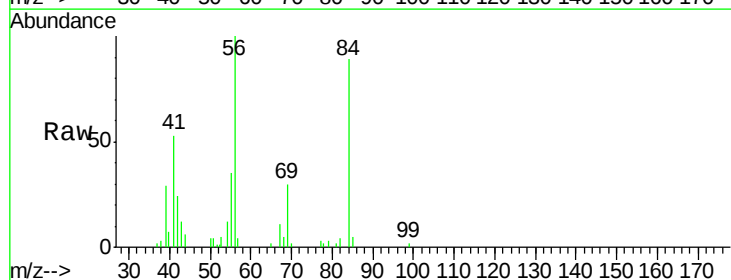
Tgt Ion: 56 Resp: 16398

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.4

84 90.7 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038633.D (-1251) (-)

Ion 69.15 (68.85 to 69.85): VU038633.D (-1251) (-)

Ion 84.15 (83.85 to 84.85): VU038633.D (-1251) (-)

5.43

Time-->

