

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\  
 Data File : VU039114.D  
 Acq On : 25 Jun 2020 14:29  
 Operator : SY/MD  
 Sample : L3110-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9F22

Quant Time: Jun 26 02:05:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 26 00:59:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 237254   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 243504   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 104535   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 85825    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 81152    | 5.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 113.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 128482   | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.00%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 398082   | 63.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 126.98% |
| 24) Chloroform-d               | 5.10   | 84    | 193187   | 5.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 113.20% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 119057   | 5.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.20% |
| 32) Benzene-d6                 | 5.76   | 84    | 364088   | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.80% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 122899   | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.40% |
| 41) Toluene-d8                 | 7.92   | 98    | 273390   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 49926    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.20% |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 307783   | 60.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 120.94% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 113071   | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 112434   | 5.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.40% |

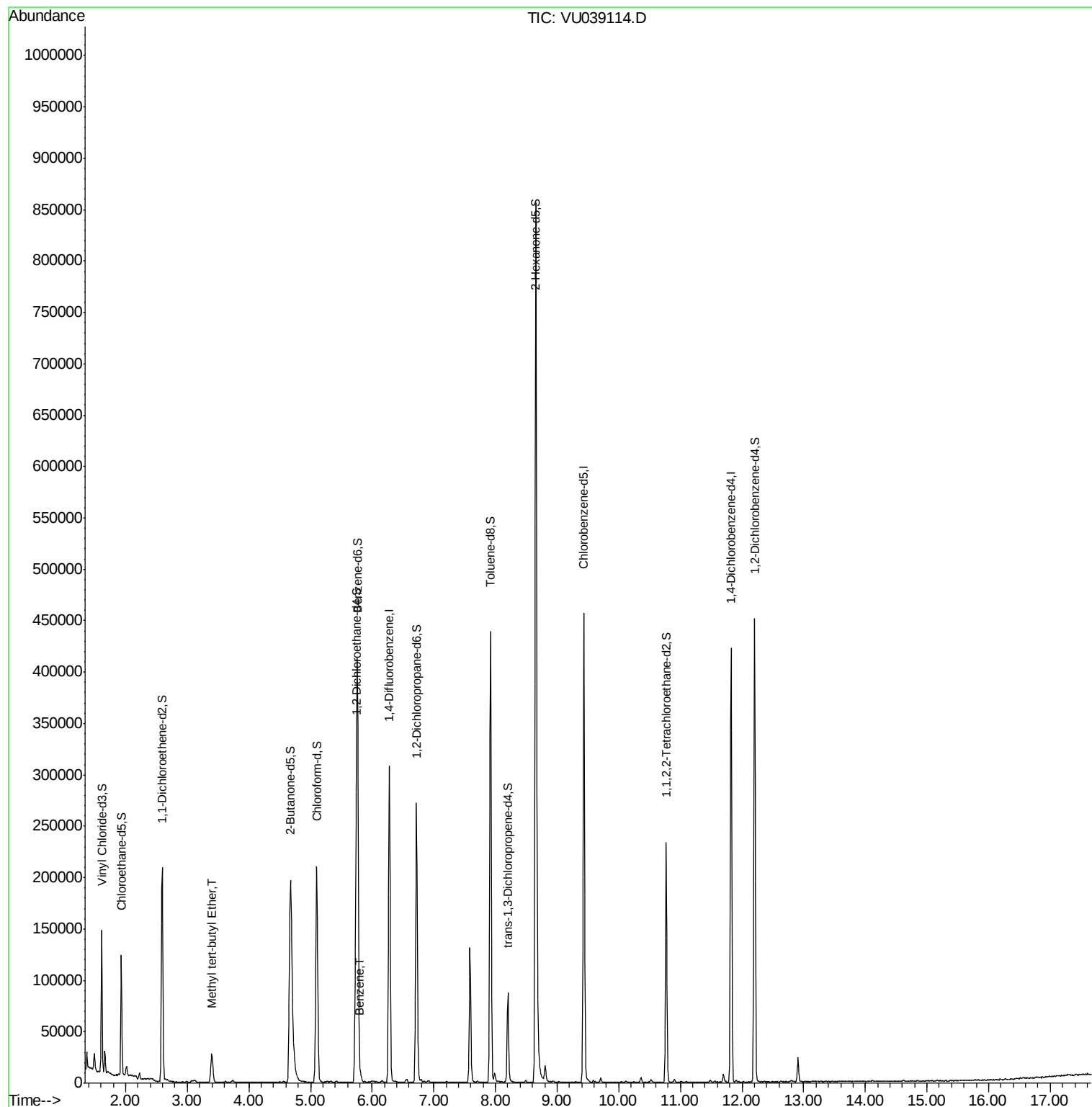
| Target Compounds            |      |    |       |            | Ovalue |
|-----------------------------|------|----|-------|------------|--------|
| 17) Methyl tert-butyl Ether | 3.40 | 73 | 28160 | 0.602 ug/L | 94     |
| 33) Benzene                 | 5.81 | 78 | 6124  | 0.080 ug/L | 100    |

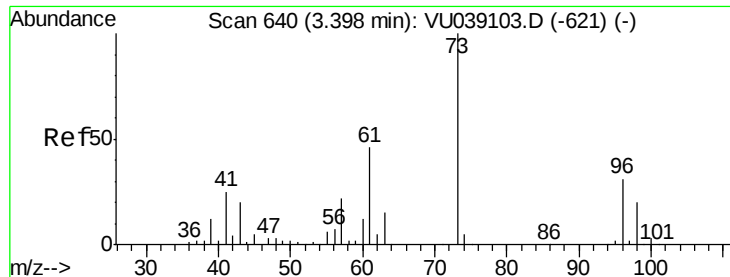
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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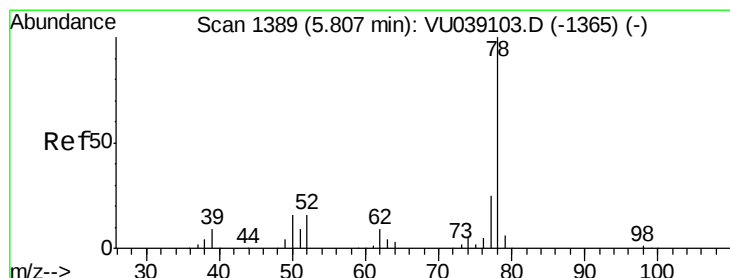
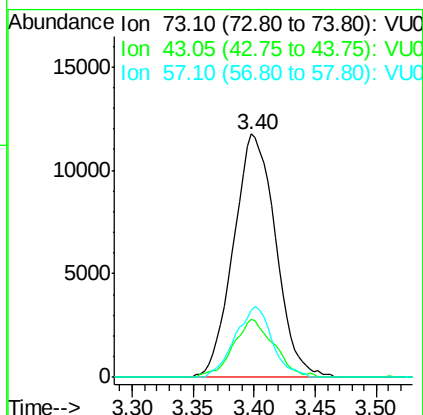
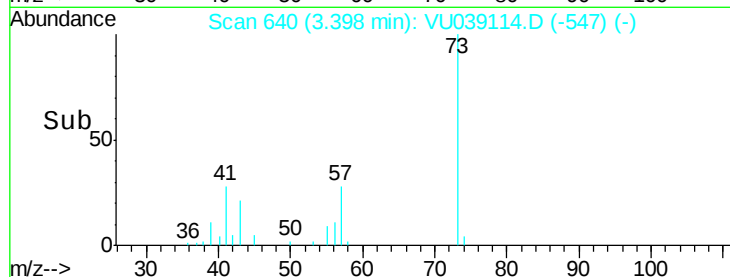
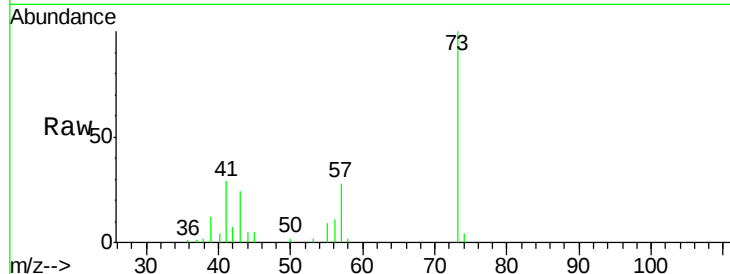




#17  
Methvl tert-butvl Ether  
Concen: 0.602 ug/L  
RT: 3.40 min Scan# 640  
Delta R.T. -0.00 min  
Lab File: VU039114.D  
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Tot Ion: 73 Resp: 28160  
Ion Ratio Lower Upper  
73 100  
43 23.0 16.6 24.8  
57 25.7 18.2 27.4



#33  
Benzene  
Concen: 0.080 ug/L  
RT: 5.81 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: VU039114.D  
Acq: 25 Jun 2020 14:29  
Tgt Ion: 78 Resp: 6124

