

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\  
 Data File : VU041689.D  
 Acq On : 18 Dec 2020 19:22  
 Operator : SY/MD  
 Sample : L5142-11  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZB8

Quant Time: Dec 19 09:02:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Dec 19 04:12:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 113475   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 107686   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 47877    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 34559    | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 31717    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 54003    | 3.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 144165   | 56.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.14% |
| 24) Chloroform-d               | 5.08   | 84    | 73083    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 43417    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.74   | 84    | 145992   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 45703    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.60%  |
| 41) Toluene-d8                 | 7.90   | 98    | 122914   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20033    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 128755   | 54.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 108.36% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 45696    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 47985    | 5.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.80% |

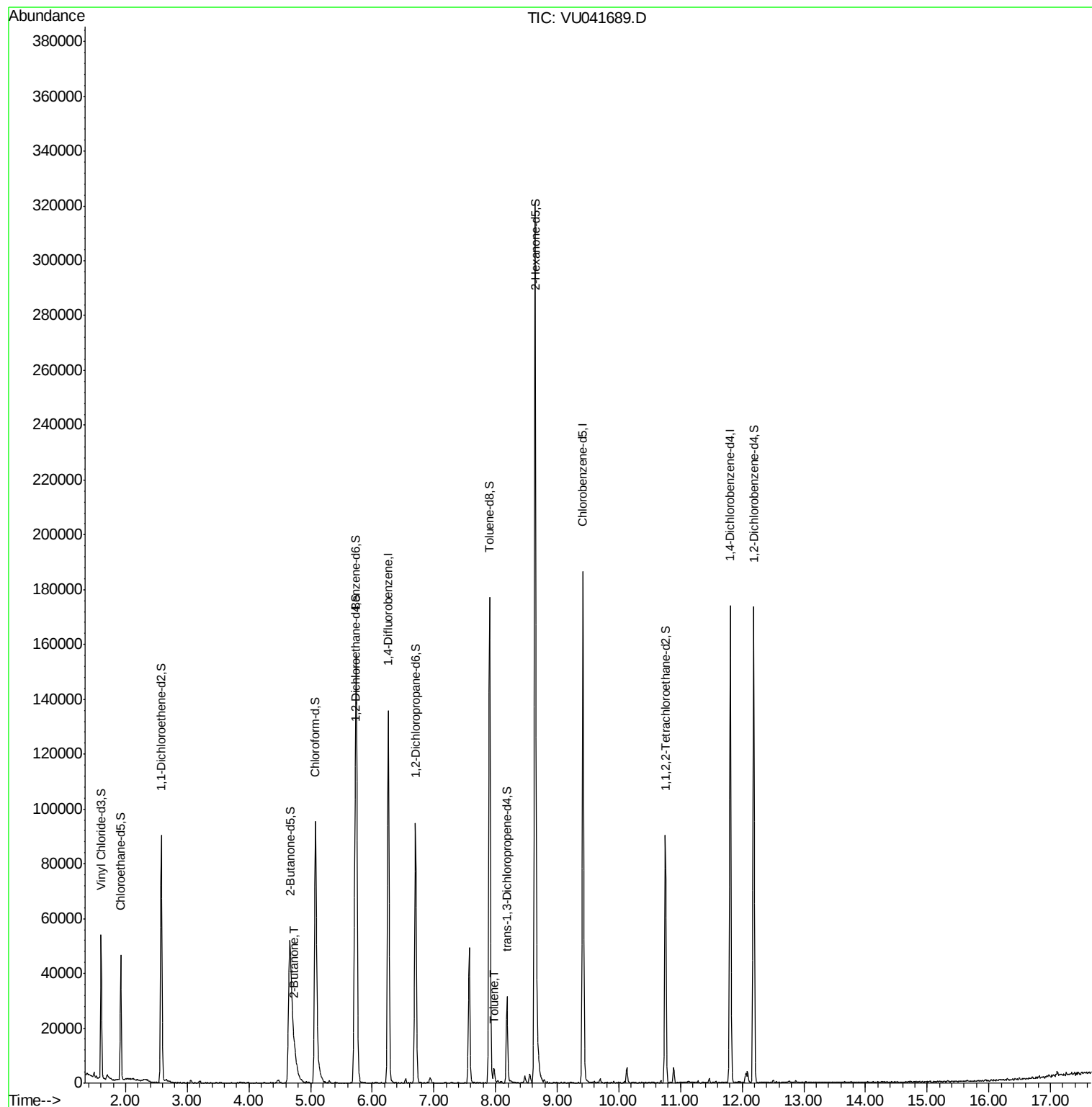
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 21) 2-Butanone   | 4.75 | 43 | 9106 | 3.449 ug/L | 82     |
| 42) Toluene      | 7.98 | 91 | 4318 | 0.121 ug/L | 100    |

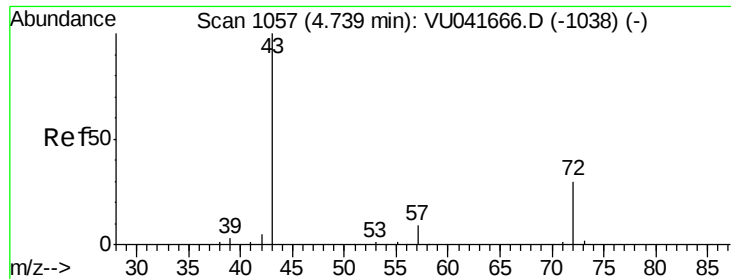
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#21

2-Butanone

Concen: 3.449 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VU041689.D

Acq: 18 Dec 2020 19:22

Instrument :

MSVOA\_U

ClientSampleId :

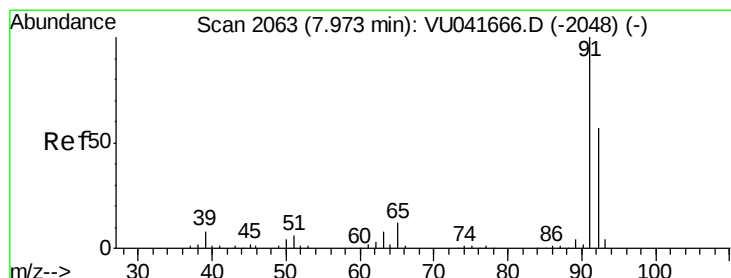
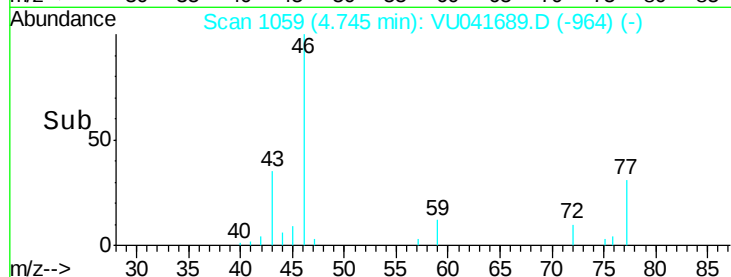
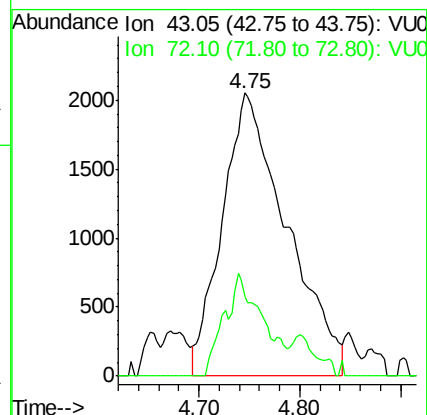
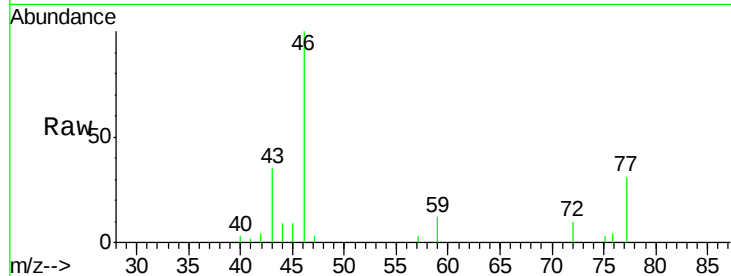
ETZB8

Tot Ion: 43 Resp: 9106

Ion Ratio Lower Upper

43 100

72 19.5 14.6 44.0



#42

Toluene

Concen: 0.121 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041689.D

Acq: 18 Dec 2020 19:22

Tgt Ion: 91 Resp: 4318

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.2

