

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\  
 Data File : VU037461.D  
 Acq On : 30 Mar 2020 14:18  
 Operator : JC/MD  
 Sample : L2001-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWG2

Quant Time: Mar 31 02:11:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 31 01:16:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 100869   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 93780    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 45646    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 31474    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 28443    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 49981    | 3.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.80%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 106570   | 52.51    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.02% |
| 24) Chloroform-d               | 5.11   | 84    | 64977    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 38891    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.20%  |
| 32) Benzene-d6                 | 5.76   | 84    | 134163   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 44444    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.20%  |
| 41) Toluene-d8                 | 7.93   | 98    | 123041   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 18124    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.00%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 88913    | 53.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.06% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 35544    | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 45354    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

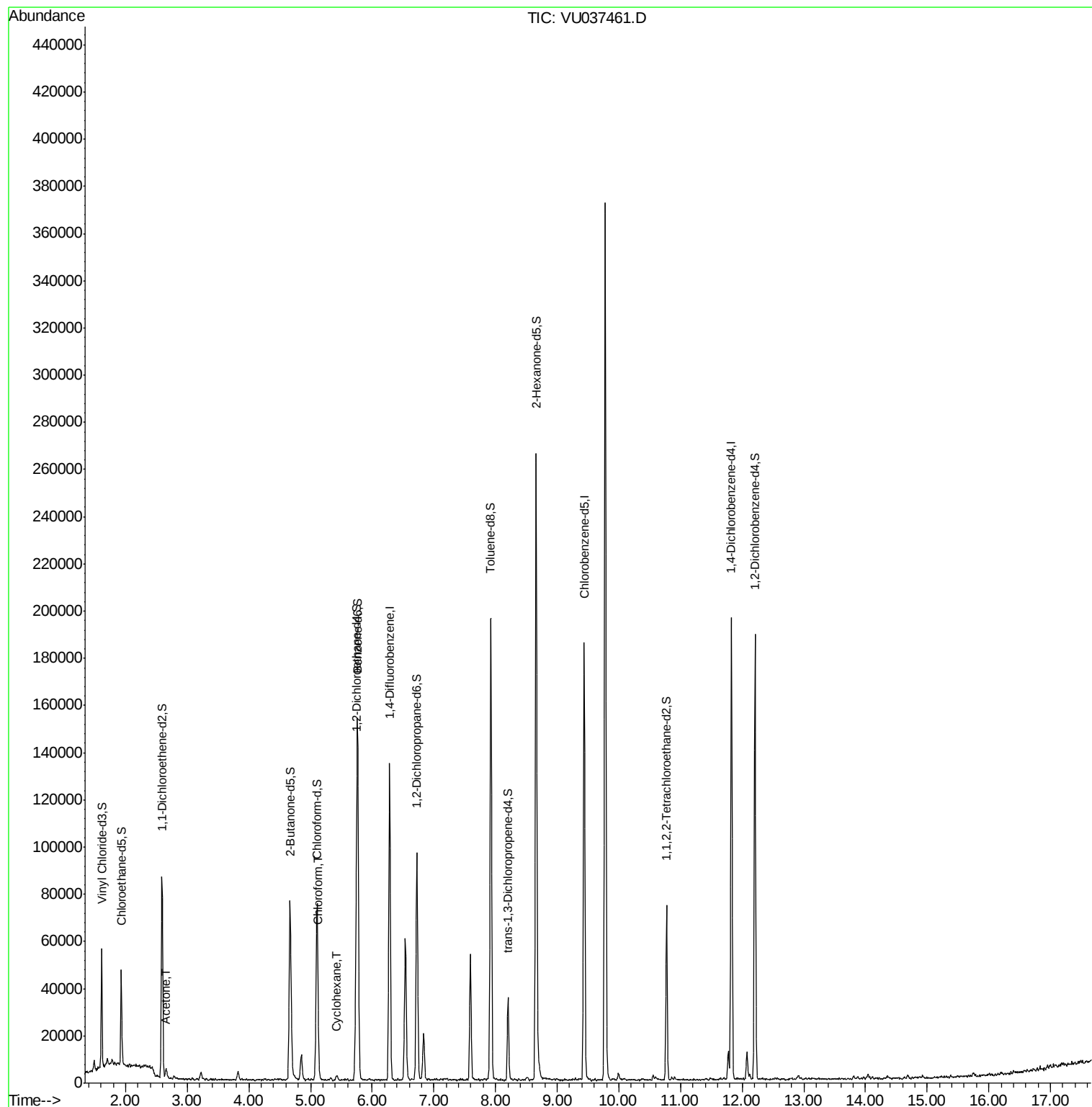
| Target Compounds |      |    |      |              | Ovalue |
|------------------|------|----|------|--------------|--------|
| 13) Acetone      | 2.66 | 43 | 4275 | 3.666 ug/L   | 97     |
| 25) Chloroform   | 5.13 | 83 | 3827 | 0.281 ug/L   | 84     |
| 30) Cyclohexane  | 5.43 | 56 | 1083 | 0.090 ug/L # | 64     |

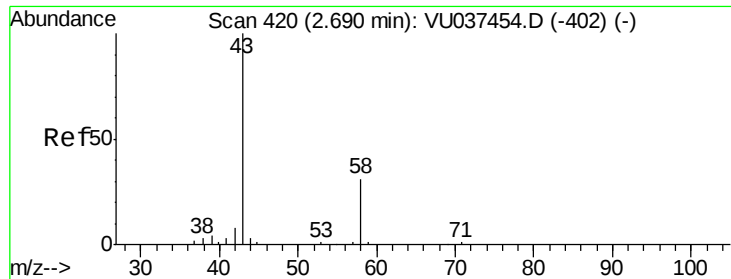
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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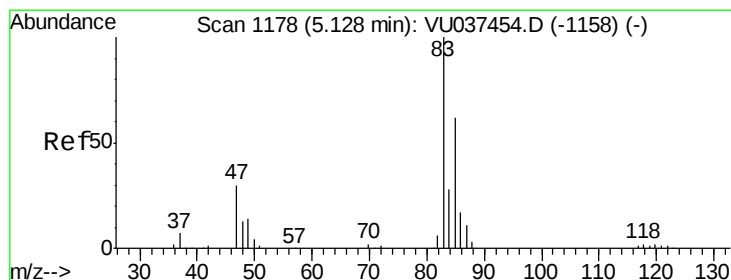
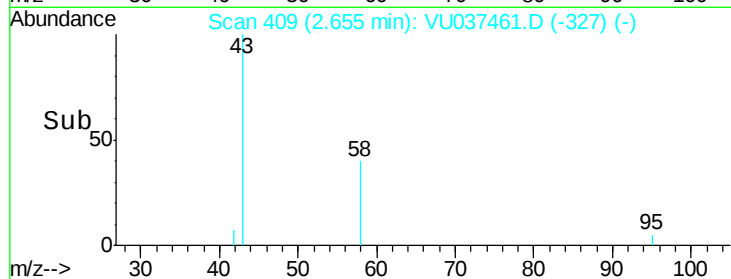
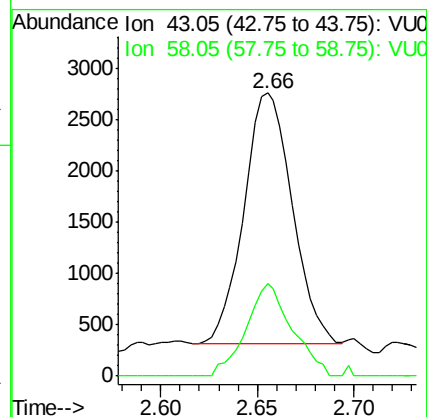
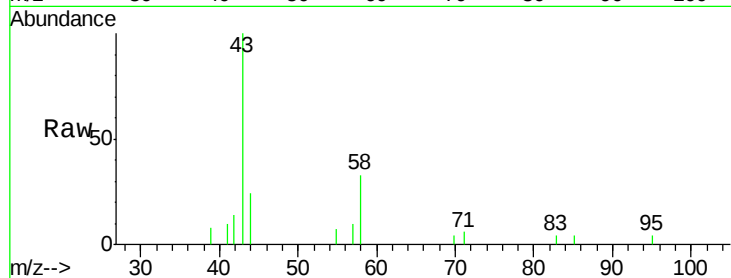




#13  
 Acetone  
 Concen: 3.666 ug/L  
 RT: 2.66 min Scan# 409  
 Delta R.T. -0.04 min  
 Lab File: VU037461.D  
 Acq: 30 Mar 2020 14:18

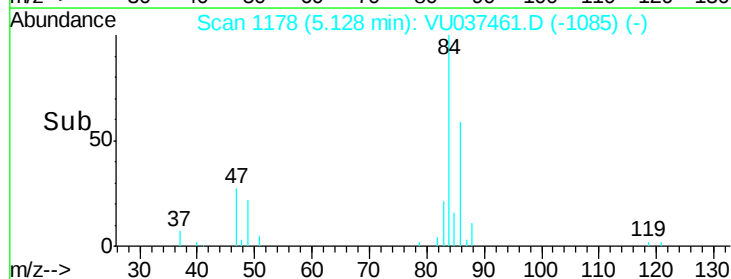
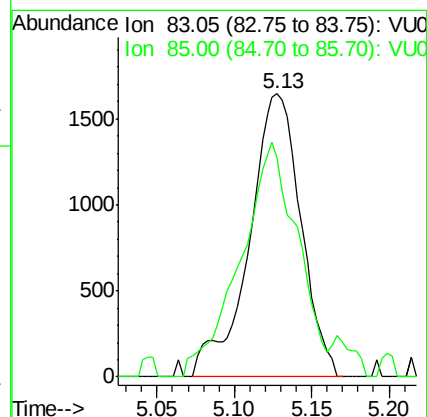
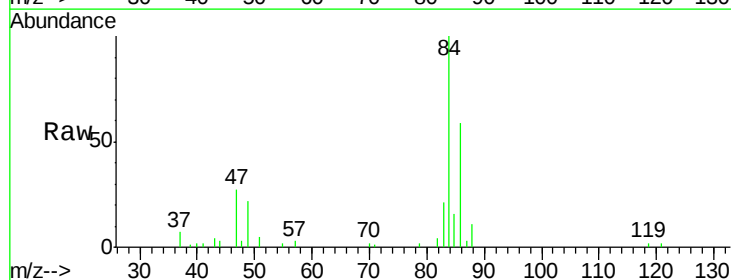
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWG2

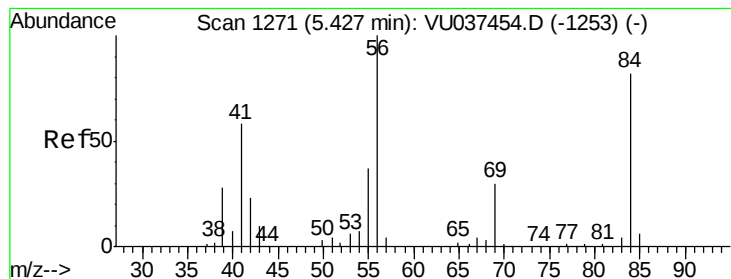
Tot Ion: 43 Resp: 4275  
 Ion Ratio Lower Upper  
 43 100  
 58 34.9 0.0 66.0



#25  
 Chloroform  
 Concen: 0.281 ug/L  
 RT: 5.13 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: VU037461.D  
 Acq: 30 Mar 2020 14:18

Tgt Ion: 83 Resp: 3827  
 Ion Ratio Lower Upper  
 83 100  
 85 77.3 45.4 84.4





#30

Cyclohexane

Concen: 0.090 ug/L

RT: 5.43 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU037461.D

Acq: 30 Mar 2020 14:18

Instrument :

MSVOA\_U

ClientSampleId :

GAWG2

Tot Ion: 56 Resp: 1083

Ion Ratio Lower Upper

56 100

69 18.6 25.7 38.5#

84 46.6 67.1 100.7#

