

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\  
 Data File : VU037451.D  
 Acq On : 29 Mar 2020 06:11  
 Operator : JC/MD  
 Sample : L2001-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWF5

Quant Time: Mar 30 05:15:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Mar 30 03:07:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 82737    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 78900    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 39147    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 31343    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 102.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 29340    | 6.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 128.20% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 47426    | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 79.60%  |
| 20) 2-Butanone-d5              | 4.74   | 46    | 90272    | 54.23    | ug/L | 0.07    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.46% |
| 24) Chloroform-d               | 5.10   | 84    | 60777    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 36119    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.80% |
| 32) Benzene-d6                 | 5.75   | 84    | 112481   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 37003    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 7.92   | 98    | 102344   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 16918    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.40%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 81723    | 57.94    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 115.88% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 31118    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 36829    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.60%  |

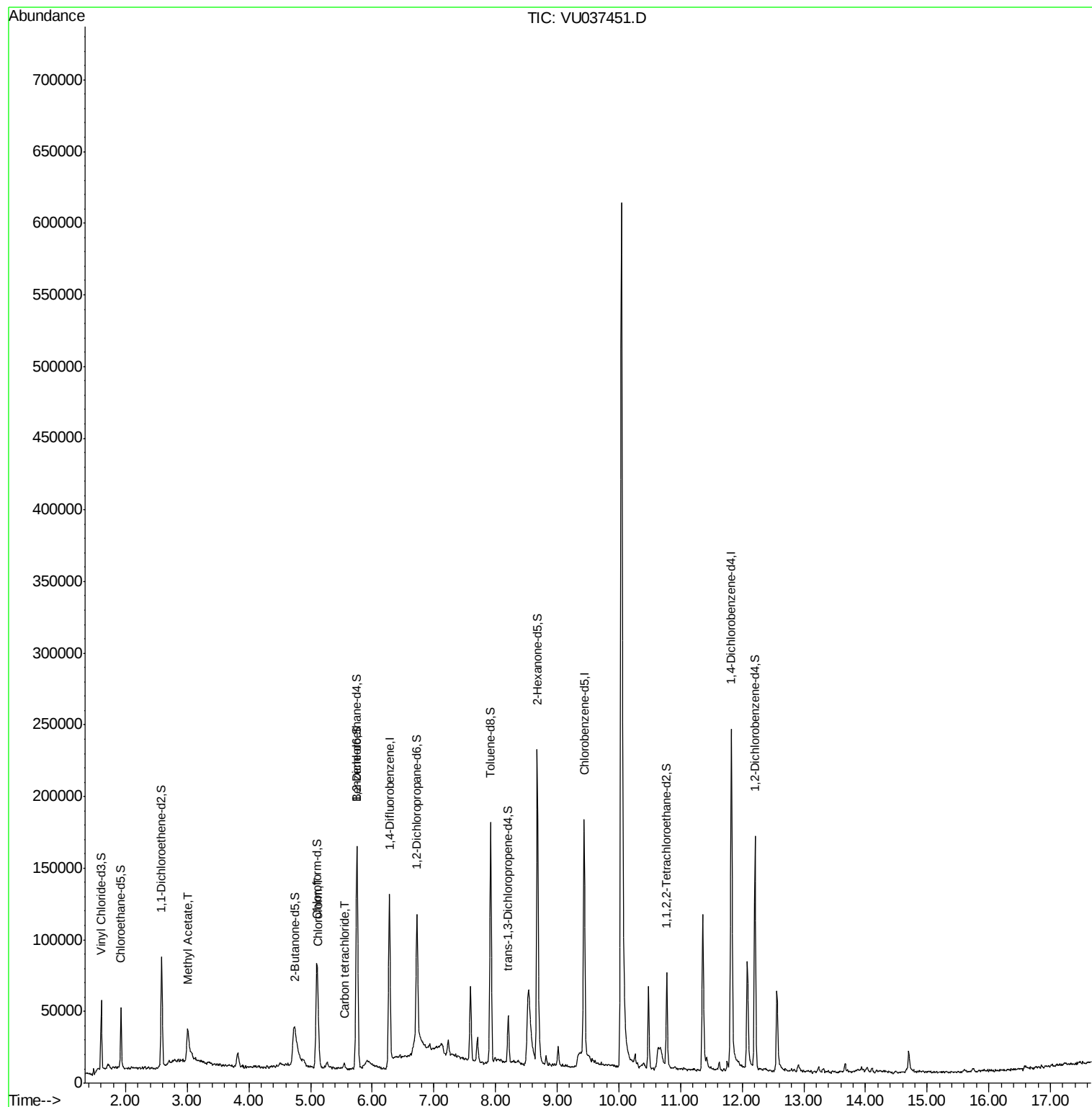
| Target Compounds         |      |     |       |             | Ovalue |
|--------------------------|------|-----|-------|-------------|--------|
| 15) Methyl Acetate       | 3.01 | 43  | 47430 | 17.749 ug/L | 91     |
| 25) Chloroform           | 5.13 | 83  | 19800 | 1.770 ug/L  | 99     |
| 31) Carbon tetrachloride | 5.55 | 117 | 2810  | 0.328 ug/L  | 94     |

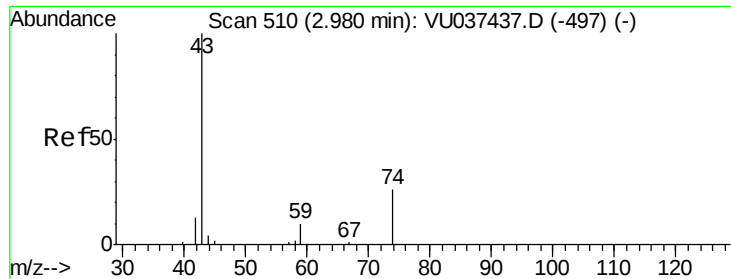
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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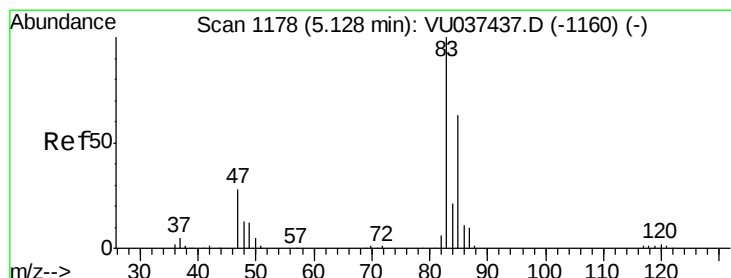
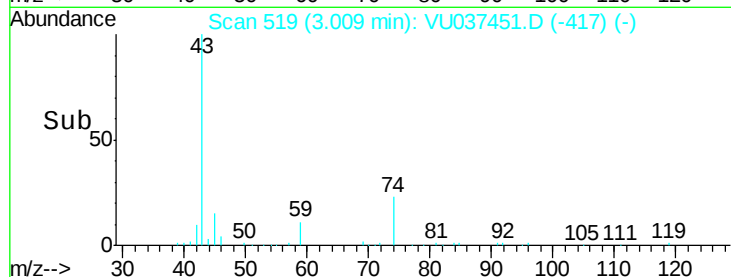
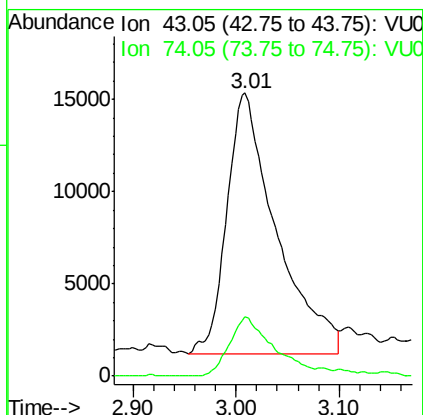
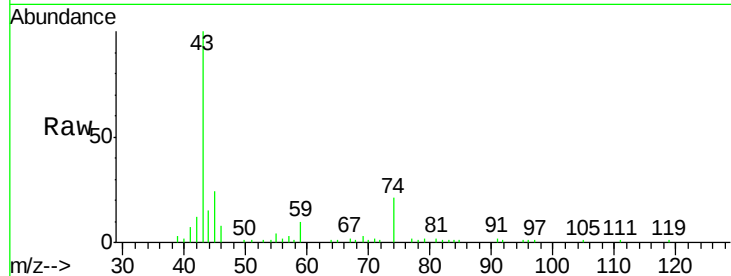




#15  
Methyl Acetate  
Concen: 17.749 ug/L  
RT: 3.01 min Scan# 519  
Delta R.T. 0.03 min  
Lab File: VU037451.D  
Acq: 29 Mar 2020 06:11

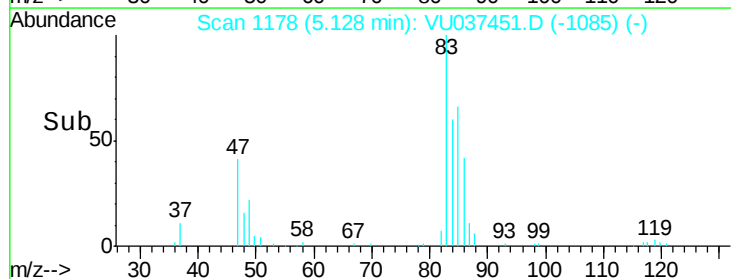
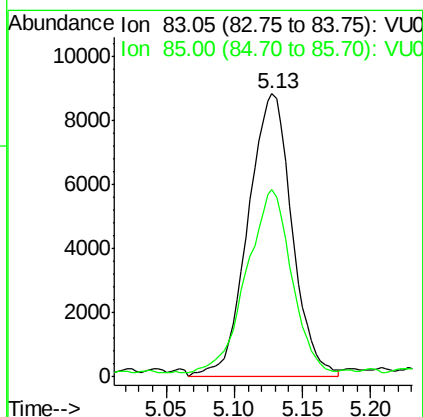
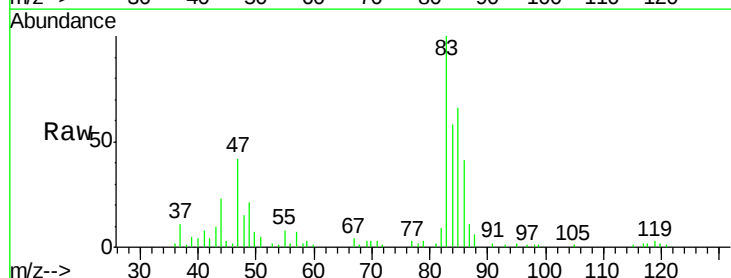
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAWF5

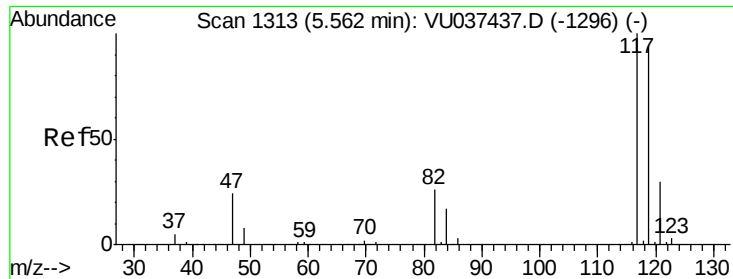
Tot Ion: 43 Resp: 47430  
Ion Ratio Lower Upper  
43 100  
74 20.1 19.8 29.6



#25  
Chloroform  
Concen: 1.770 ug/L  
RT: 5.13 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: VU037451.D  
Acq: 29 Mar 2020 06:11

Tgt Ion: 83 Resp: 19800  
Ion Ratio Lower Upper  
83 100  
85 66.0 45.4 84.4





#31

Carbon tetrachloride

Concen: 0.328 ug/L

RT: 5.55 min Scan# 1308

Delta R.T. -0.02 min

Lab File: VU037451.D

Acq: 29 Mar 2020 06:11

Instrument :

MSVOA\_U

ClientSampleId :

GAWF5

Tot Ion:117 Resp: 2810

Ion Ratio Lower Upper

117 100

119 91.0 77.7 116.5

