

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\  
 Data File : VU038603.D  
 Acq On : 06 Jun 2020 05:36  
 Operator : SY/MD  
 Sample : L2910-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D27

Quant Time: Jun 06 07:06:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 06 06:21:54 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 301556   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 305251   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 149820   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 62548    | 3.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 64.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 59153    | 3.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 78.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 107371   | 2.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.00%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 312079   | 52.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.28% |
| 24) Chloroform-d               | 5.10   | 84    | 166678   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 99997    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.76   | 84    | 321947   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 103549   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.40%  |
| 41) Toluene-d8                 | 7.92   | 98    | 272276   | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.60%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 40189    | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.80%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 261747   | 52.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.18% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 96762    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 120166   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.00%  |

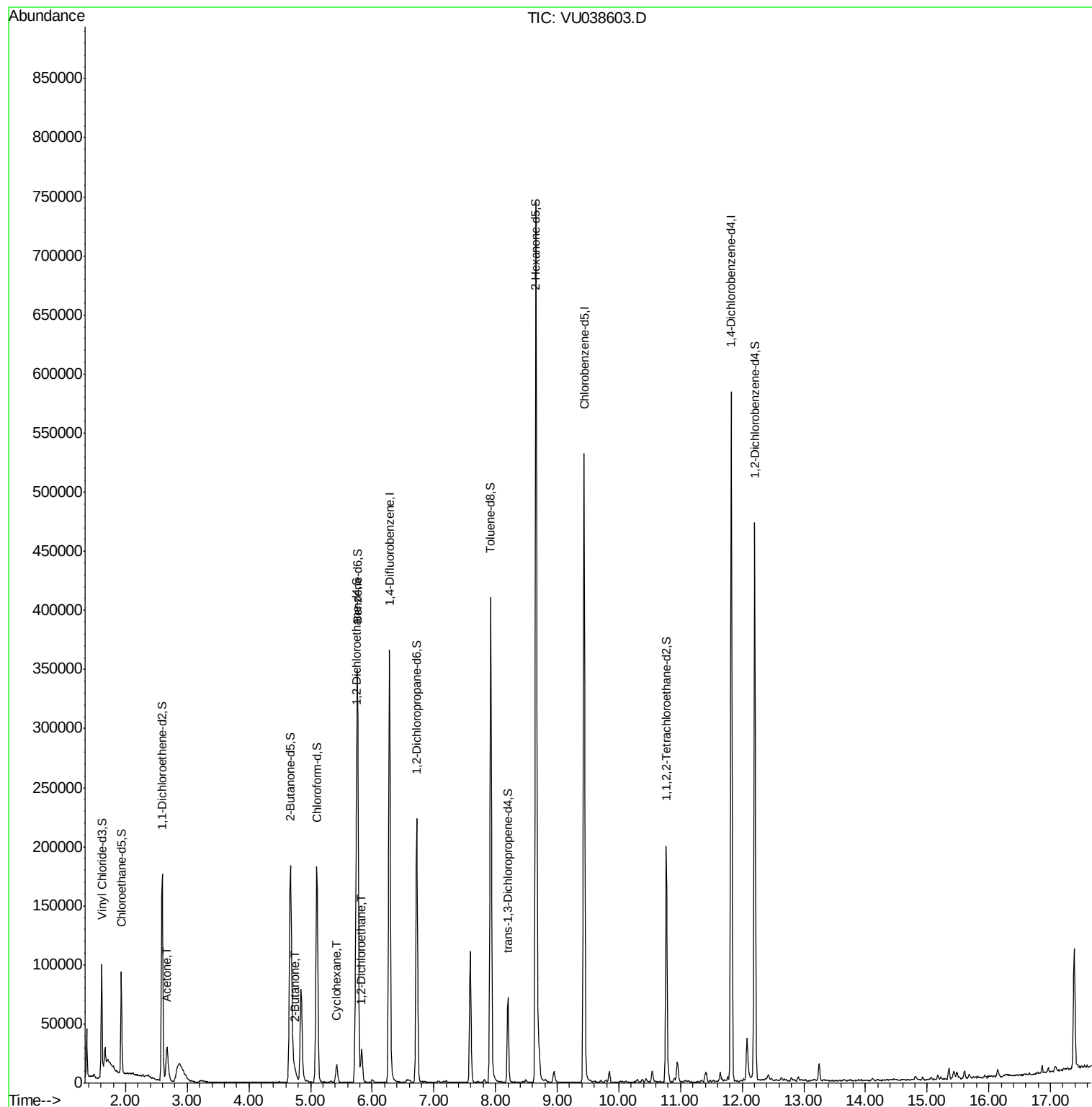
| Target Compounds       |      |    |       |              | Ovalue |
|------------------------|------|----|-------|--------------|--------|
| 13) Acetone            | 2.67 | 43 | 49665 | 12.800 ug/L  | 99     |
| 21) 2-Butanone         | 4.75 | 43 | 9552  | 1.464 ug/L # | 72     |
| 27) 1,2-Dichloroethane | 5.83 | 62 | 21426 | 0.836 ug/L # | 93     |
| 30) Cyclohexane        | 5.43 | 56 | 7308  | 0.216 ug/L   | 98     |

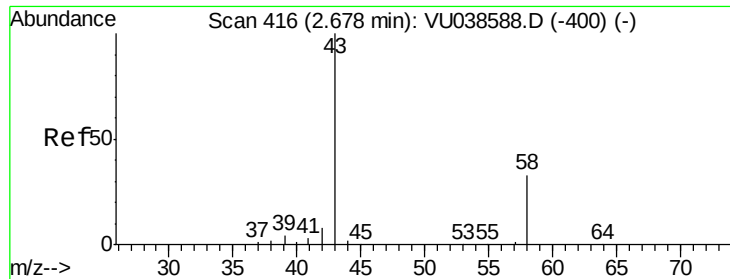
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.800 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038603.D

Acq: 06 Jun 2020 05:36

Instrument :

MSVOA\_U

ClientSampleId :

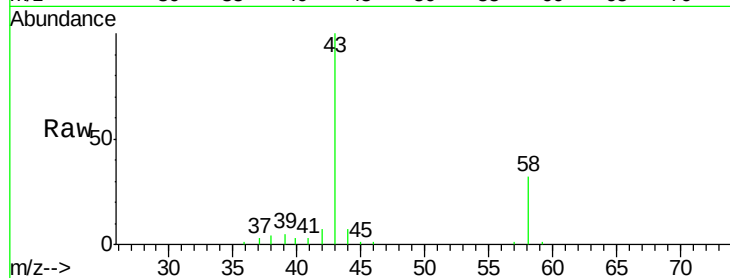
F9D27

Tot Ion: 43 Resp: 49665

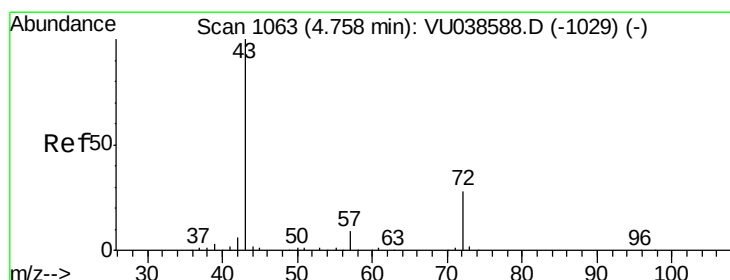
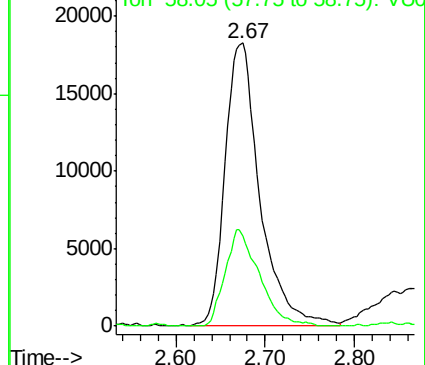
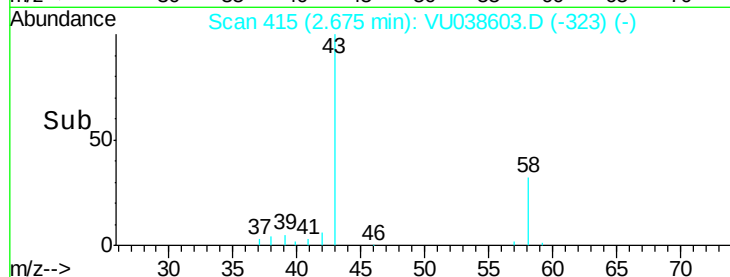
Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038603.D (-323) (-)



#21

2-Butanone

Concen: 1.464 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU038603.D

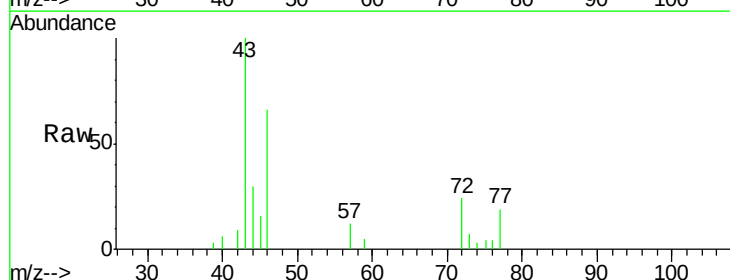
Acq: 06 Jun 2020 05:36

Tgt Ion: 43 Resp: 9552

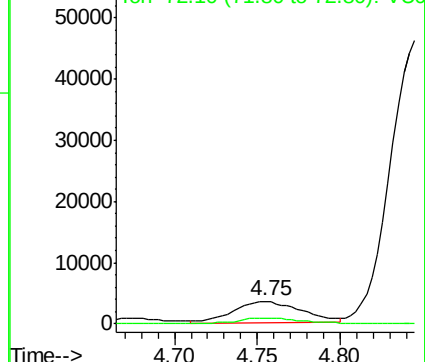
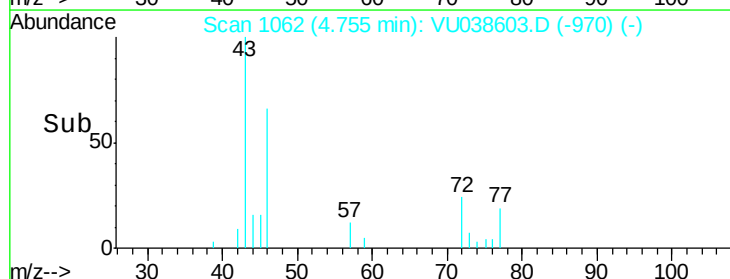
Ion Ratio Lower Upper

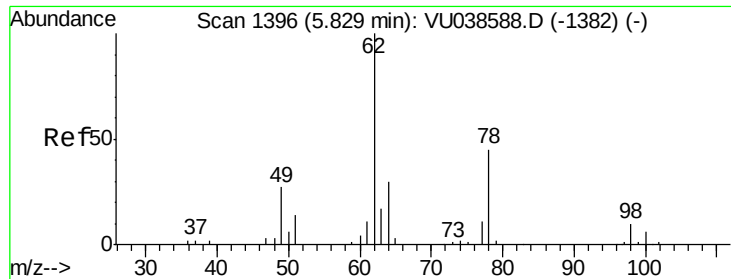
43 100

72 11.4 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038603.D (-970) (-)

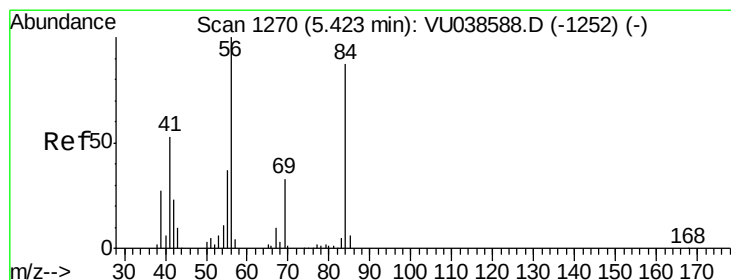
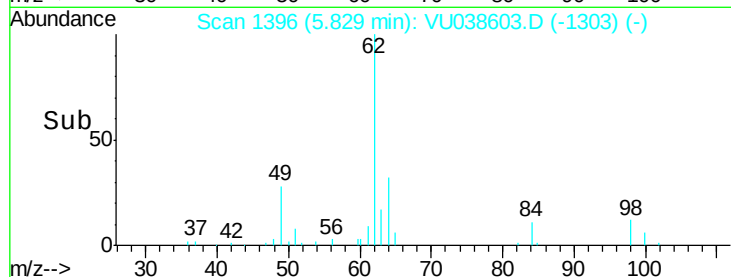
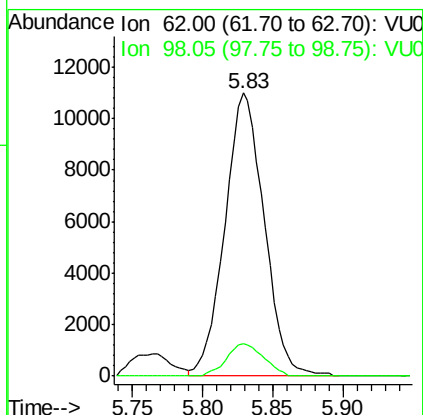
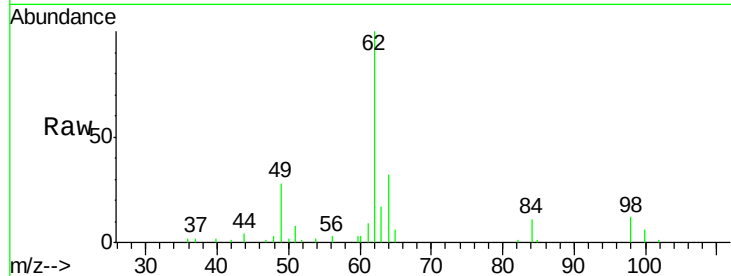




#27  
 1,2-Dichloroethane  
 Concen: 0.836 ug/L  
 RT: 5.83 min Scan# 1396  
 Delta R.T. 0.00 min  
 Lab File: VU038603.D  
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 F9D27

Tot Ion: 62 Resp: 21426  
 Ion Ratio Lower Upper  
 62 100  
 98 11.7 7.4 11.2#



#30  
 Cyclohexane  
 Concen: 0.216 ug/L  
 RT: 5.43 min Scan# 1271  
 Delta R.T. 0.00 min  
 Lab File: VU038603.D  
 Acq: 06 Jun 2020 05:36

Tgt Ion: 56 Resp: 7308  
 Ion Ratio Lower Upper  
 56 100  
 69 30.9 24.2 36.4  
 84 86.6 70.8 106.2

