

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\  
 Data File : VU039243.D  
 Acq On : 30 Jun 2020 20:06  
 Operator : SY/MD  
 Sample : L3116-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9Q33

Quant Time: Jul 01 02:12:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR063020WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 01 01:40:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 209159   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 233454   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 94550    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 67770    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 66634    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 103197   | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.80%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 194798   | 33.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 66.62%  |
| 24) Chloroform-d               | 5.10   | 84    | 126537   | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 77661    | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 81.80%  |
| 32) Benzene-d6                 | 5.76   | 84    | 242579   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 76744    | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 76.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 200932   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 31503    | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.80%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 128560   | 27.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 55.42%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 63162    | 3.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 64.20%# |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 77412    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40%  |

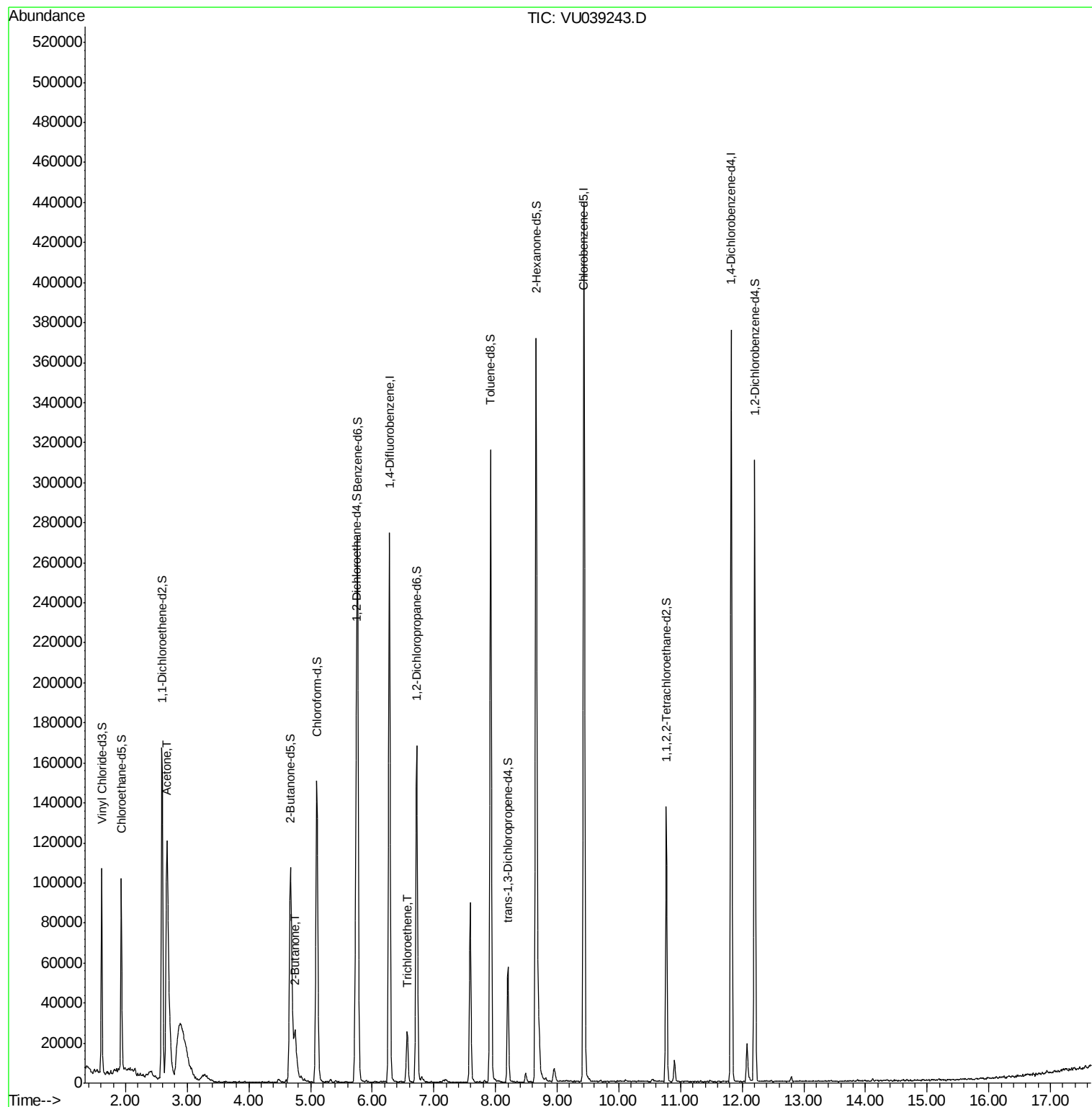
| Target Compounds    |      |    |        |             | Ovalue |
|---------------------|------|----|--------|-------------|--------|
| 13) Acetone         | 2.67 | 43 | 241806 | 67.832 ug/L | 99     |
| 21) 2-Butanone      | 4.75 | 43 | 35967  | 6.420 ug/L  | 95     |
| 34) Trichloroethene | 6.57 | 95 | 6864   | 0.381 ug/L  | 95     |

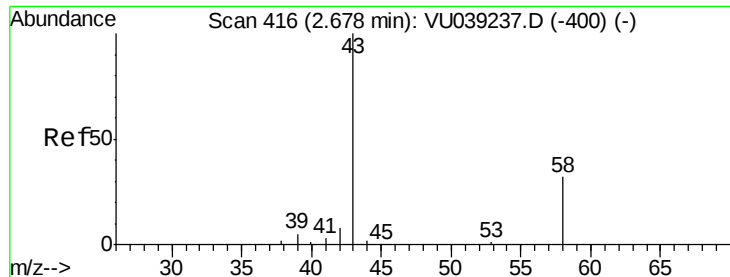
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 67.832 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039243.D

Acq: 30 Jun 2020 20:06

Instrument :

MSVOA\_U

ClientSampleId :

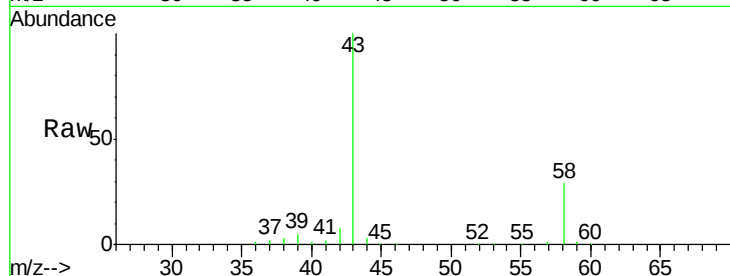
F9Q33

Tot Ion: 43 Resp: 241806

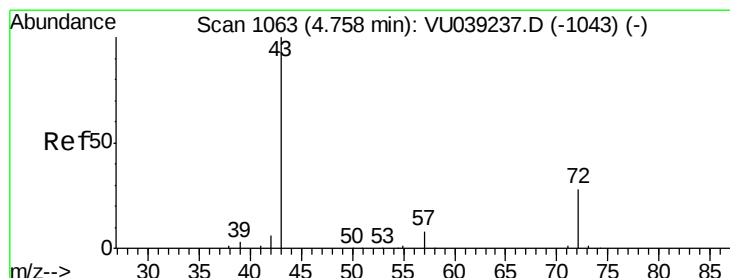
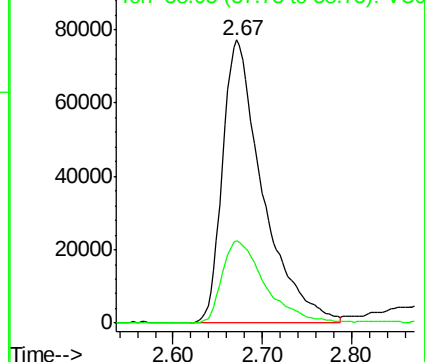
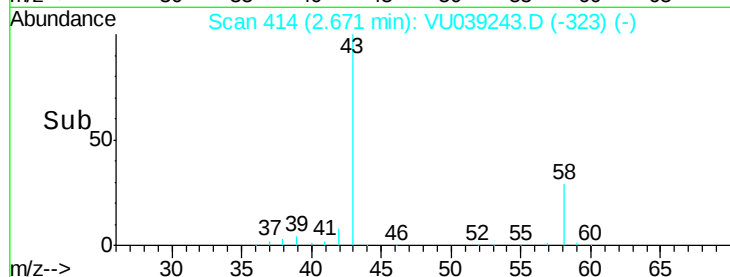
Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039243.D (-323) (-)



#21

2-Butanone

Concen: 6.420 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU039243.D

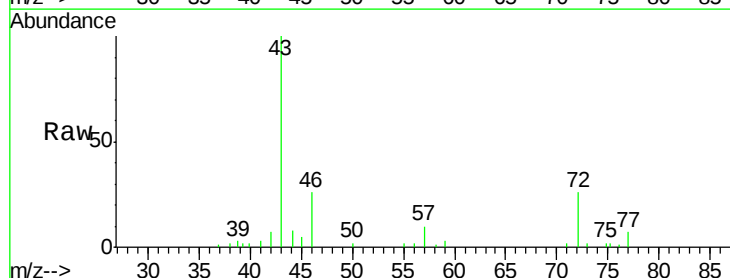
Acq: 30 Jun 2020 20:06

Tgt Ion: 43 Resp: 35967

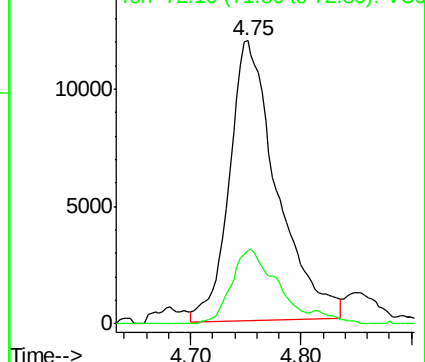
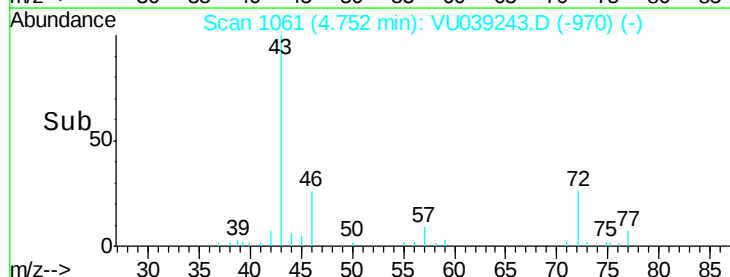
Ion Ratio Lower Upper

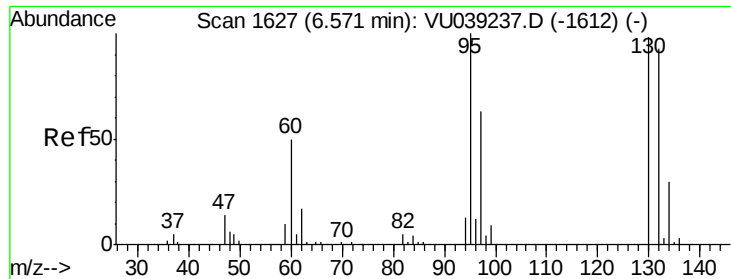
43 100

72 24.8 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU039243.D (-970) (-)





#34

Trichloroethene

Concen: 0.381 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039243.D

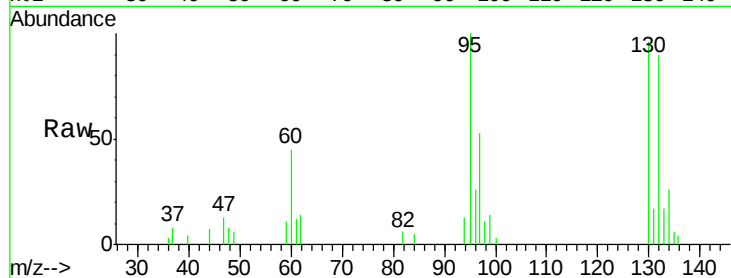
Acq: 30 Jun 2020 20:06

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Tot Ion: 95 Resp: 6864

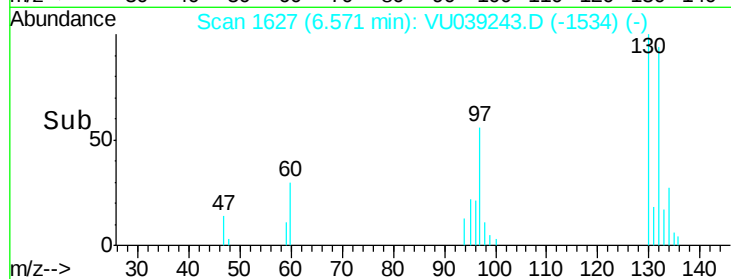
Ion Ratio Lower Upper

95 100

97 53.3 44.0 81.8

132 89.6 64.9 120.5

130 95.7 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

