

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\  
 Data File : VU038611.D  
 Acq On : 06 Jun 2020 12:52  
 Operator : SY/MD  
 Sample : L2910-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D29

Quant Time: Jun 07 04:46:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sun Jun 07 04:01:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 370683   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 360901   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 175623   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 60266    | 2.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 50.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 58185    | 3.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 63.20%# |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 105980   | 2.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 44.80%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 324481   | 44.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.04%  |
| 24) Chloroform-d               | 5.10   | 84    | 164509   | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 99109    | 3.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.40%  |
| 32) Benzene-d6                 | 5.76   | 84    | 322283   | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 71.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 103784   | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 75.00%  |
| 41) Toluene-d8                 | 7.92   | 98    | 266819   | 3.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 66.00%# |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 41414    | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.60%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 277505   | 47.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.32%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 95278    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 81.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 117470   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 77.60%# |

## Target Compounds

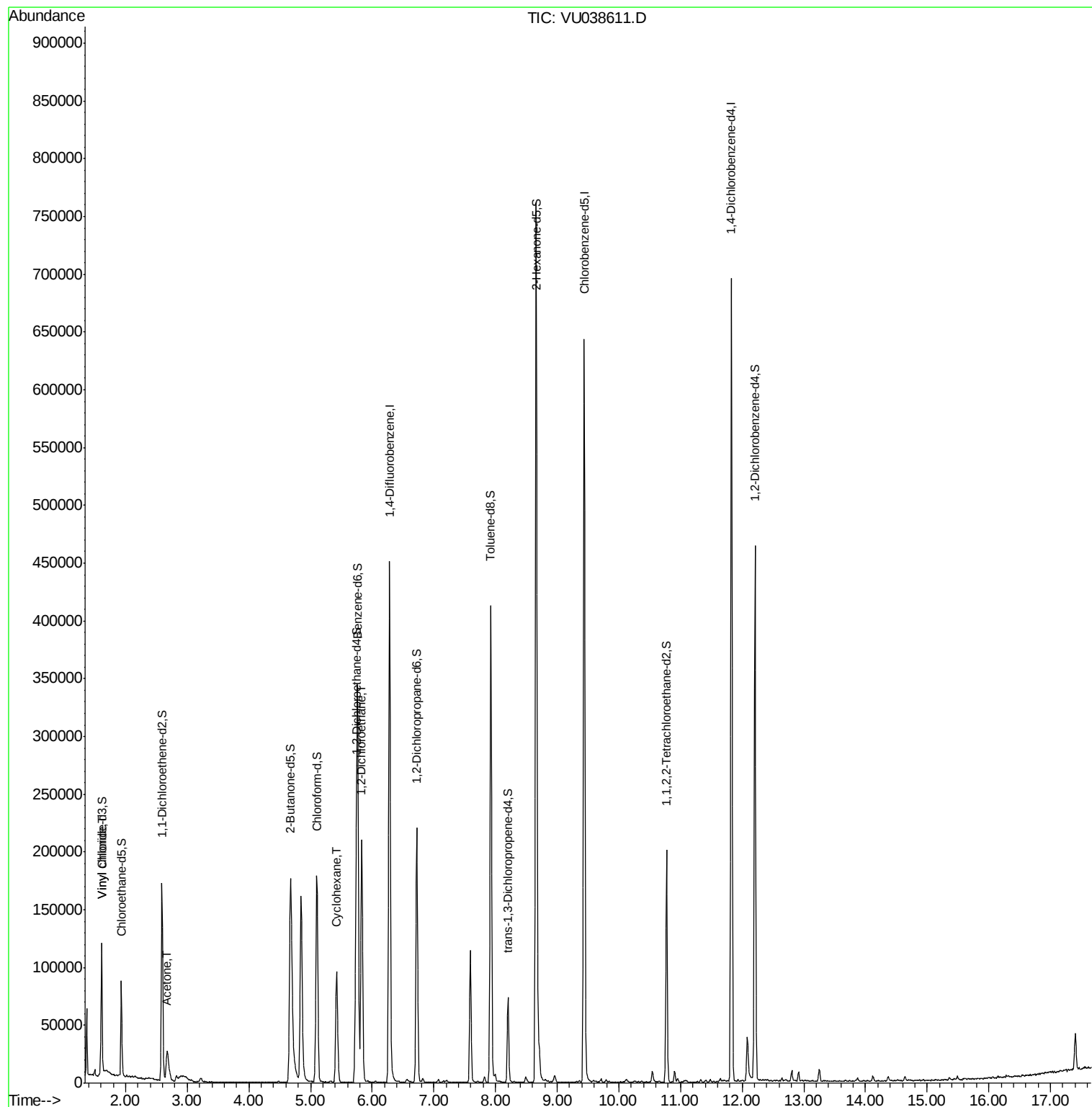
|                        |      |    |        |             | Ovalue |
|------------------------|------|----|--------|-------------|--------|
| 5) Vinyl chloride      | 1.62 | 62 | 11650  | 0.405 ug/L  | # 45   |
| 13) Acetone            | 2.68 | 43 | 51424  | 10.782 ug/L | 99     |
| 27) 1,2-Dichloroethane | 5.83 | 62 | 174401 | 5.539 ug/L  | 99     |
| 30) Cyclohexane        | 5.43 | 56 | 47721  | 1.192 ug/L  | 99     |

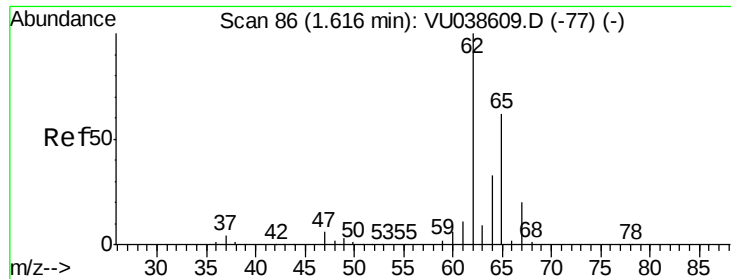
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Sun Jun 07 04:01:21 2020  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.405 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038611.D

Acq: 06 Jun 2020 12:52

Instrument :

MSVOA\_U

ClientSampleId :

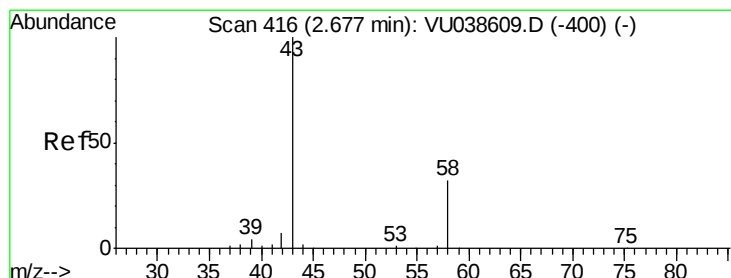
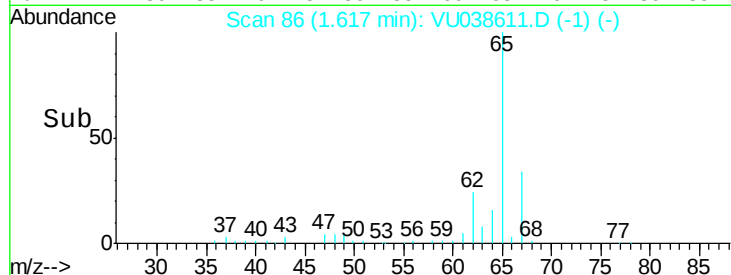
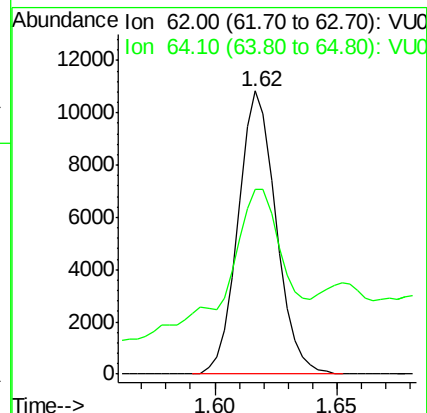
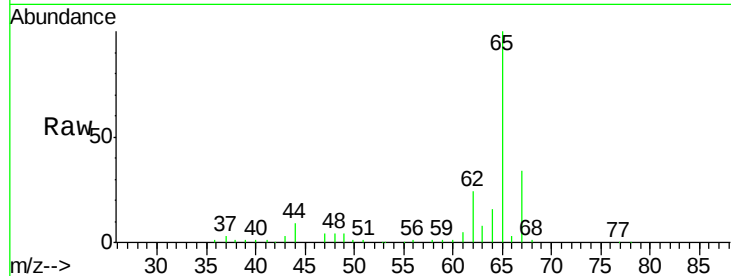
F9D29

Tot Ion: 62 Resp: 11650

Ion Ratio Lower Upper

62 100

64 65.3 23.7 43.9#



#13

Acetone

Concen: 10.782 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU038611.D

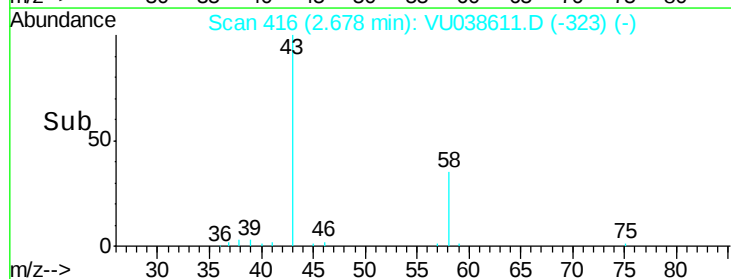
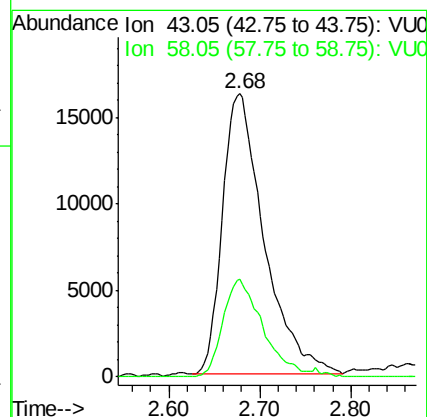
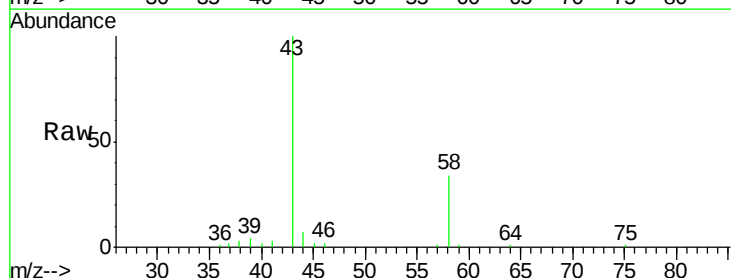
Acq: 06 Jun 2020 12:52

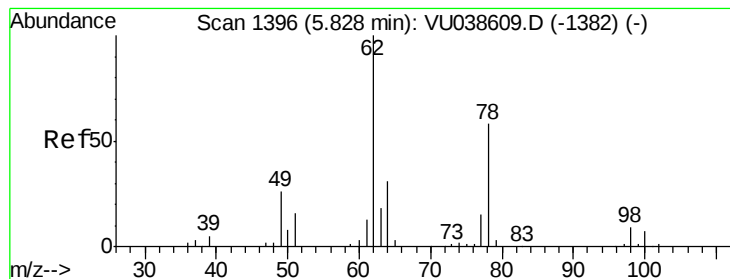
Tgt Ion: 43 Resp: 51424

Ion Ratio Lower Upper

43 100

58 33.2 0.0 65.6





#27

1,2-Dichloroethane

Concen: 5.539 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038611.D

Acq: 06 Jun 2020 12:52

Instrument :

MSVOA\_U

ClientSampleId :

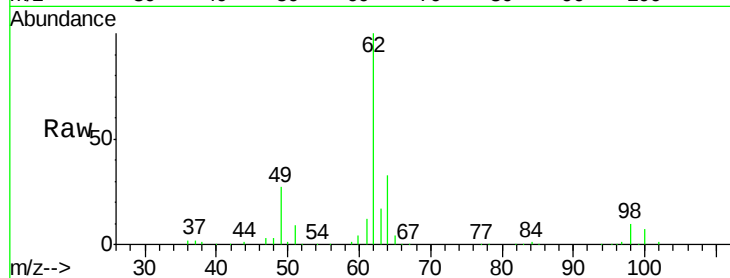
F9D29

Tot Ion: 62 Resp: 174401

Ion Ratio Lower Upper

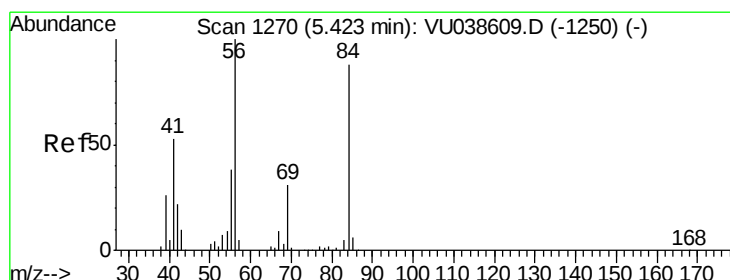
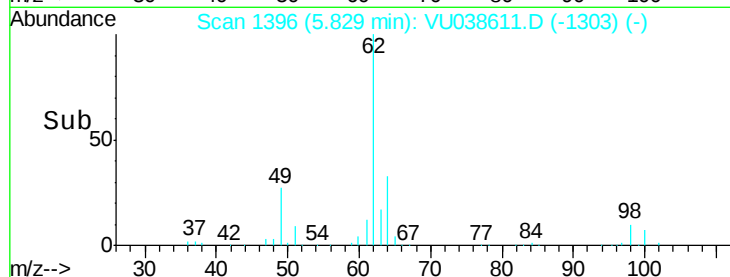
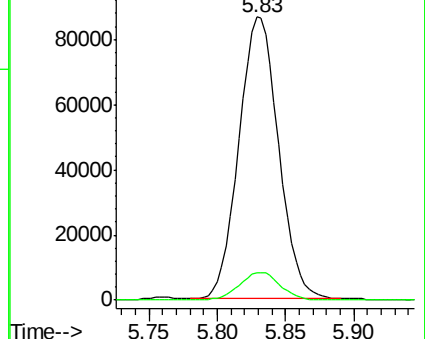
62 100

98 9.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038611.D (-1303) (-)

Ion 98.05 (97.75 to 98.75): VU038611.D (-1303) (-)



#30

Cyclohexane

Concen: 1.192 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038611.D

Acq: 06 Jun 2020 12:52

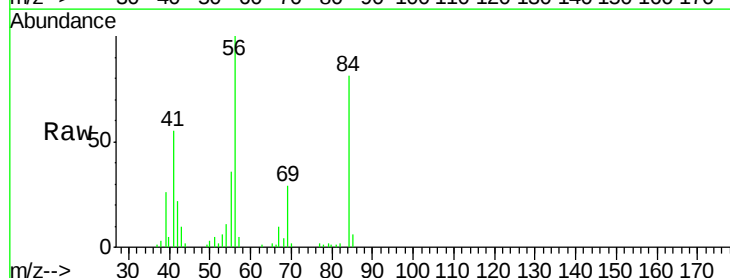
Tgt Ion: 56 Resp: 47721

Ion Ratio Lower Upper

56 100

69 29.6 24.2 36.4

84 87.2 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038611.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038611.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038611.D (-1177) (-)

