

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\  
 Data File : VU038656.D  
 Acq On : 07 Jun 2020 07:29  
 Operator : SY/MD  
 Sample : L2911-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D69

Quant Time: Jun 08 05:32:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 08 02:53:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 327235   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 321948   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 154176   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 89026    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 76532    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 142017   | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.20%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 351325   | 54.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.22% |
| 24) Chloroform-d               | 5.10   | 84    | 195316   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 116737   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.40% |
| 32) Benzene-d6                 | 5.76   | 84    | 397329   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 122973   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 331135   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 46566    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.60%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 290154   | 55.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.56% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 106573   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 137104   | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.20% |

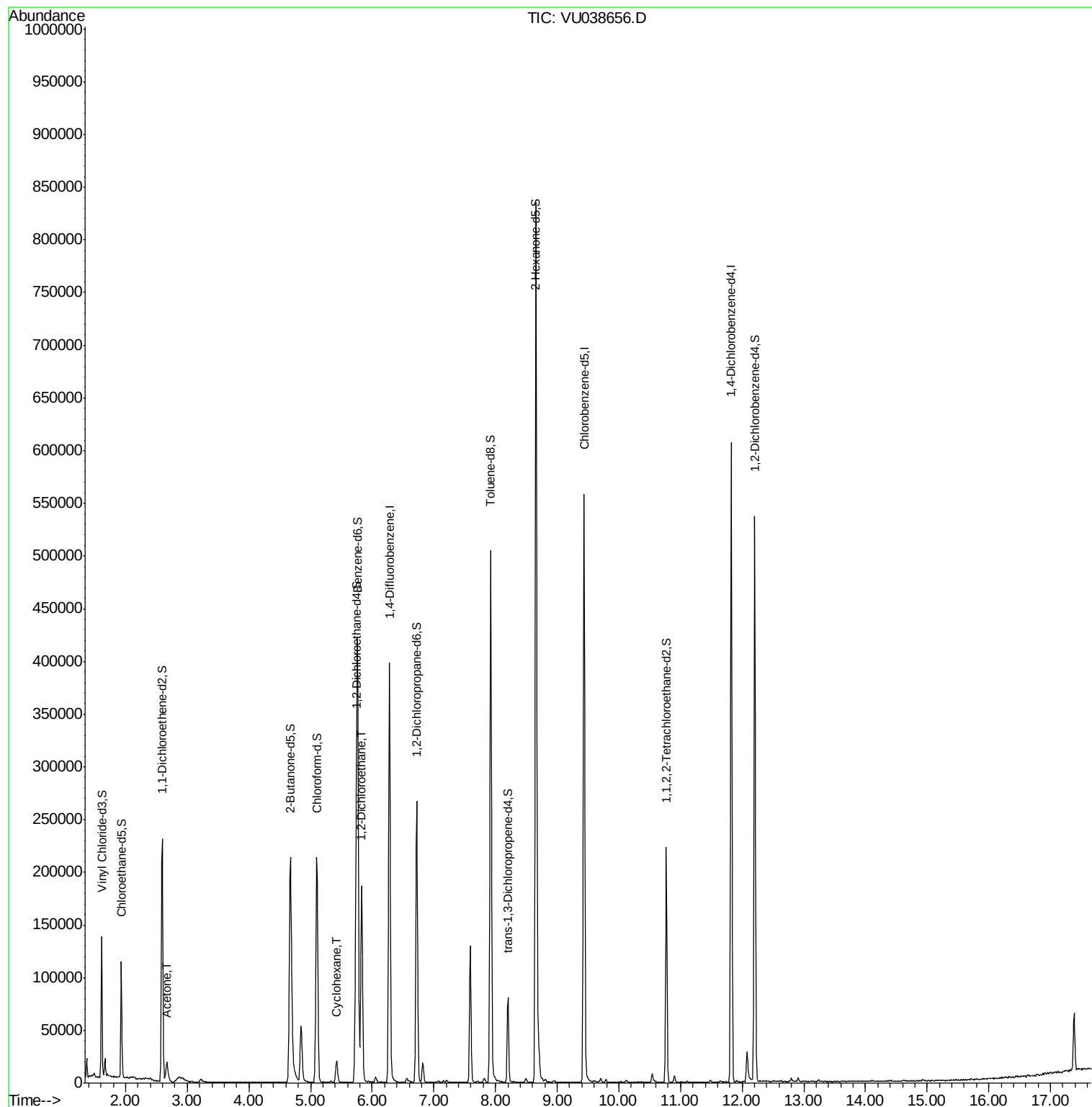
| Target Compounds       |      |    |        |            | Ovalue |
|------------------------|------|----|--------|------------|--------|
| 13) Acetone            | 2.67 | 43 | 28499  | 6.769 ug/L | 97     |
| 27) 1,2-Dichloroethane | 5.83 | 62 | 154511 | 5.559 ug/L | 98     |
| 30) Cyclohexane        | 5.42 | 56 | 10126  | 0.283 ug/L | 95     |

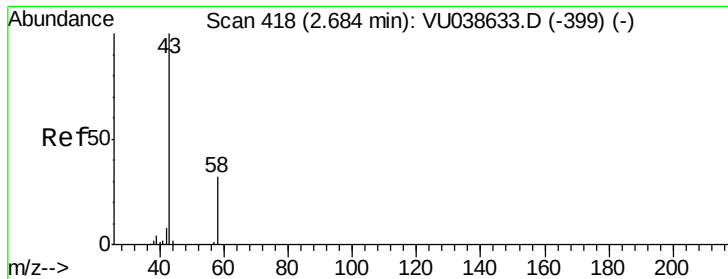
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060620\  
Data File : VU038656.D  
Acq On : 07 Jun 2020 07:29  
Operator : SY/MD  
Sample : L2911-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F9D69

Quant Time: Jun 08 05:32:46 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Jun 08 02:53:04 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 6.769 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038656.D

Acq: 07 Jun 2020 07:29

Instrument :

MSVOA\_U

ClientSampleId :

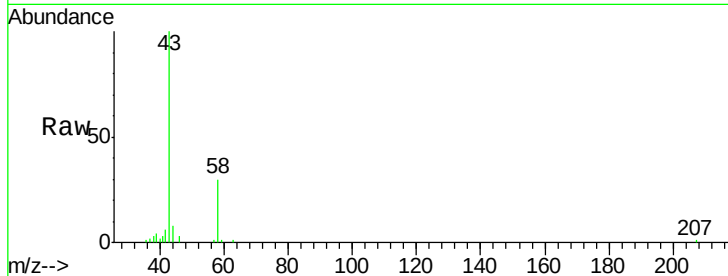
F9D69

Tot Ion: 43 Resp: 28499

Ion Ratio Lower Upper

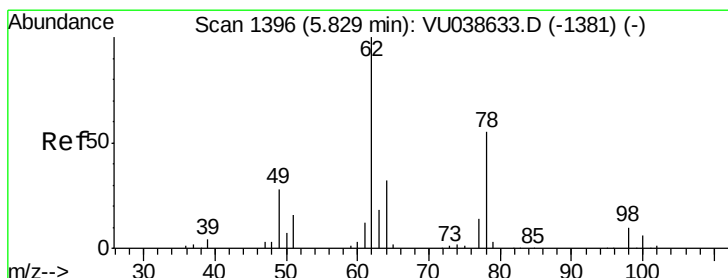
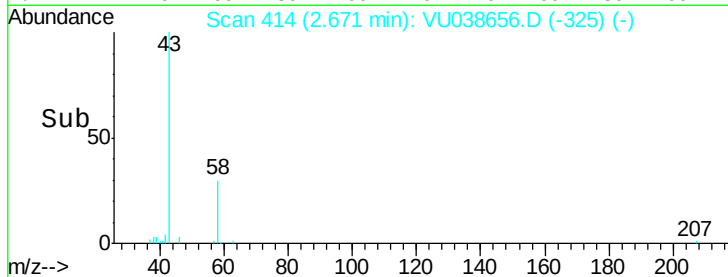
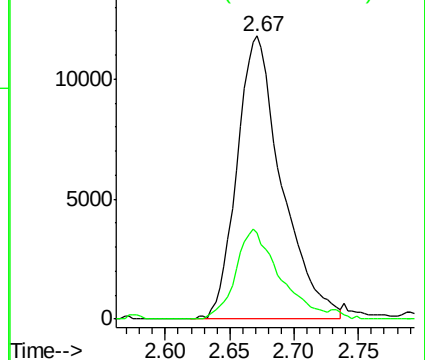
43 100

58 31.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)



#27

1,2-Dichloroethane

Concen: 5.559 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038656.D

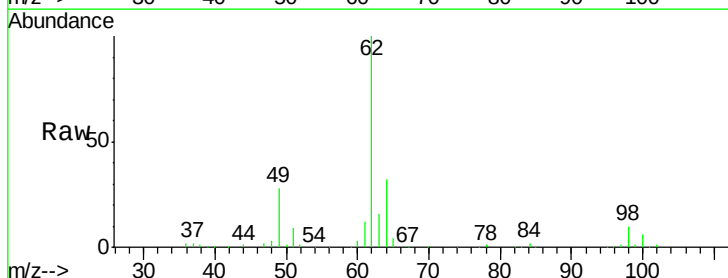
Acq: 07 Jun 2020 07:29

Tgt Ion: 62 Resp: 154511

Ion Ratio Lower Upper

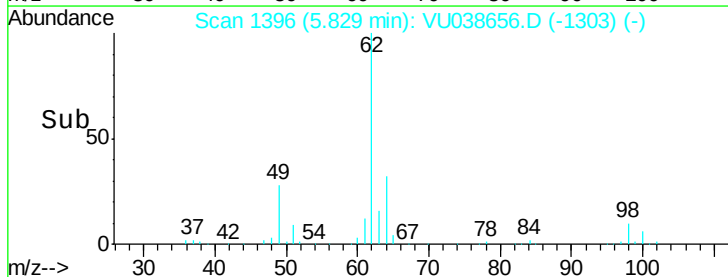
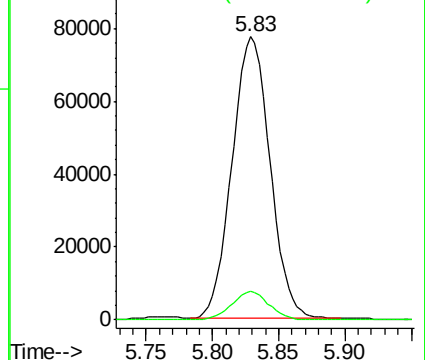
62 100

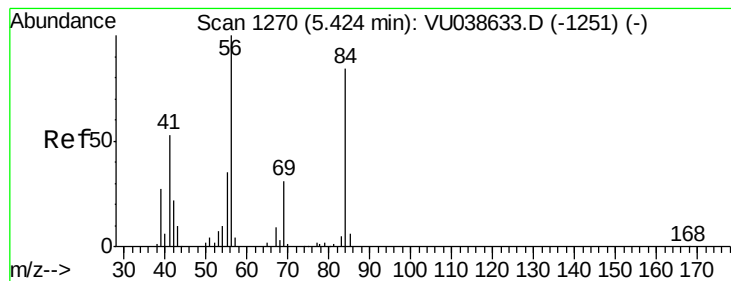
98 10.0 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038633.D (-1381) (-)

Ion 98.05 (97.75 to 98.75): VU038633.D (-1381) (-)





#30

Cyclohexane

Concen: 0.283 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038656.D

Acq: 07 Jun 2020 07:29

Instrument :

MSVOA\_U

ClientSampleId :

F9D69

Tot Ion: 56 Resp: 10126

Ion Ratio Lower Upper

56 100

69 31.4 24.2 36.4

84 82.3 70.8 106.2

