

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\  
 Data File : VU038640.D  
 Acq On : 07 Jun 2020 01:21  
 Operator : SY/MD  
 Sample : L2911-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D03

Quant Time: Jun 08 03:32:09 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  | 304972   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 304438   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 147277   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 82938    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 74746    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 137452   | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 329478   | 54.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.90% |
| 24) Chloroform-d               | 5.10   | 84    | 181642   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 107656   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.20% |
| 32) Benzene-d6                 | 5.76   | 84    | 368625   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 117267   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.40% |
| 41) Toluene-d8                 | 7.92   | 98    | 307053   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 43845    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.20%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 284975   | 57.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 114.82% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 101675   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 132456   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.20% |

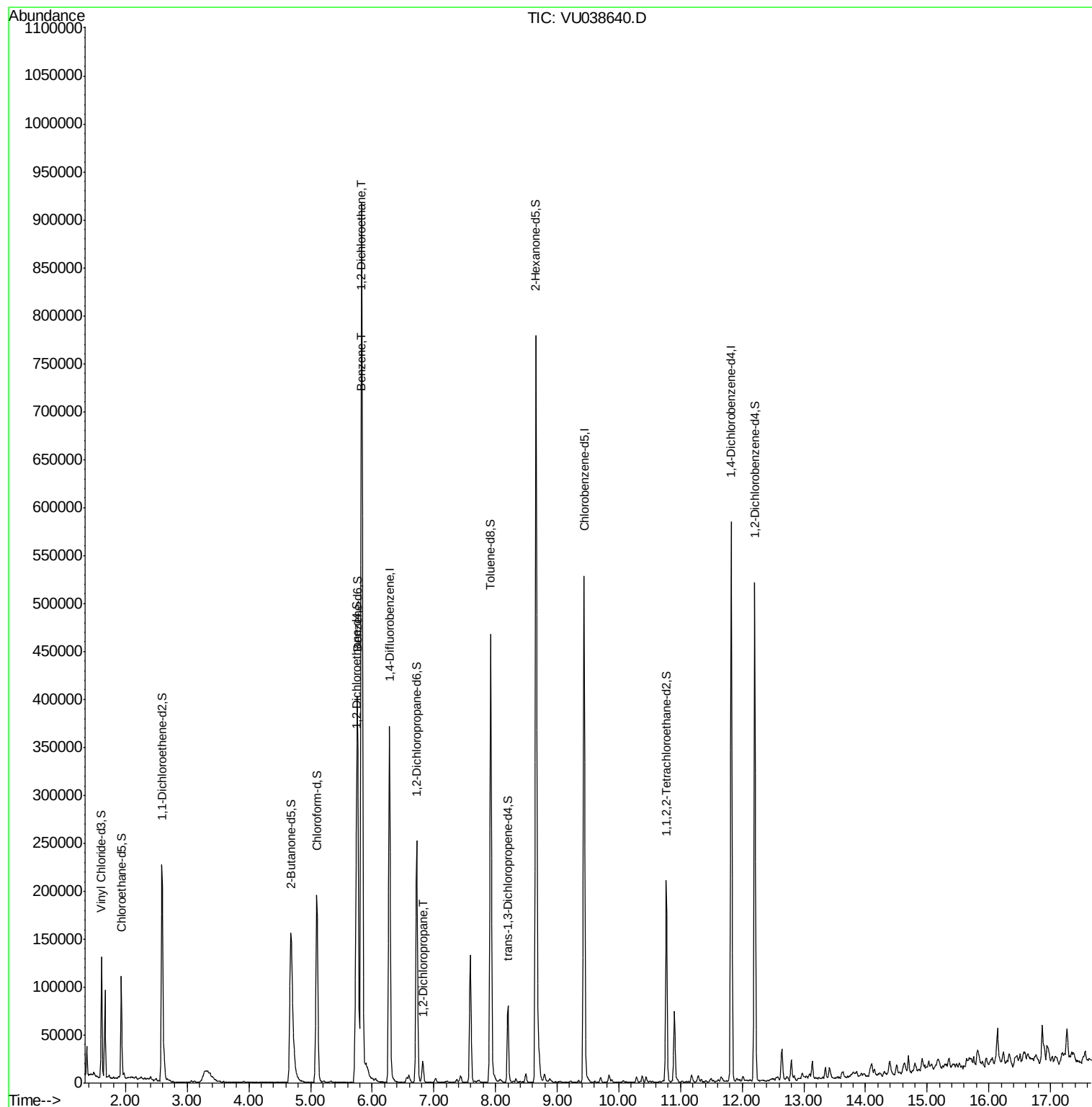
| Target Compounds        |      |    |        |              | Ovalue |
|-------------------------|------|----|--------|--------------|--------|
| 27) 1,2-Dichloroethane  | 5.83 | 62 | 773402 | 29.855 ug/L  | 99     |
| 33) Benzene             | 5.81 | 78 | 7128   | 0.084 ug/L   | 100    |
| 37) 1,2-Dichloropropane | 6.82 | 63 | 8223   | 0.385 ug/L # | 95     |

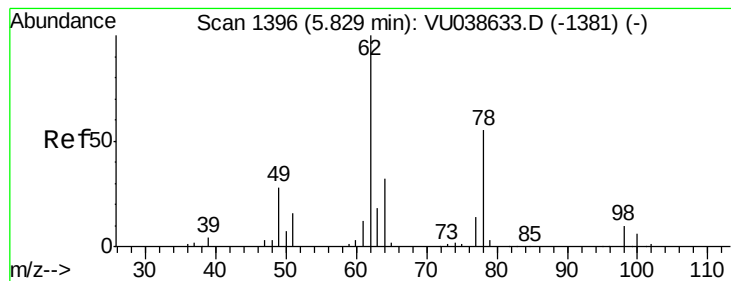
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 02:53:04 2020  
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#27

1,2-Dichloroethane

Concen: 29.855 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038640.D

Acq: 07 Jun 2020 01:21

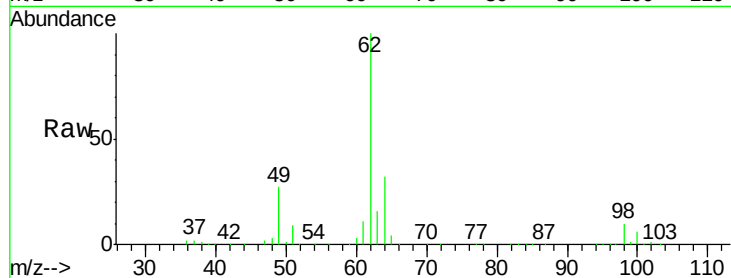
Instrument :  
MSVOA\_U  
ClientSampled :  
F9D03

Tot Ion: 62 Resp: 773402

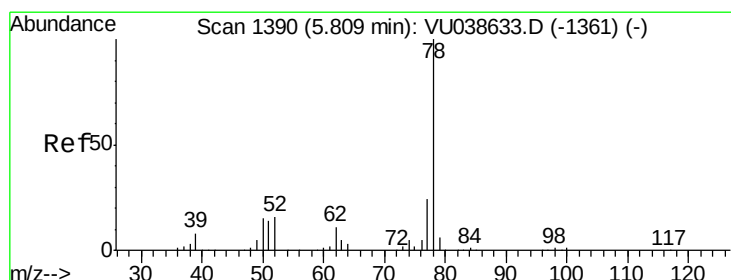
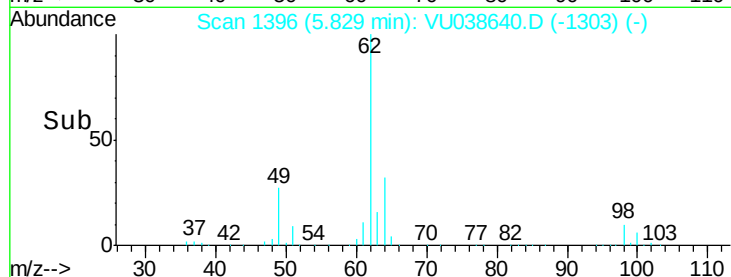
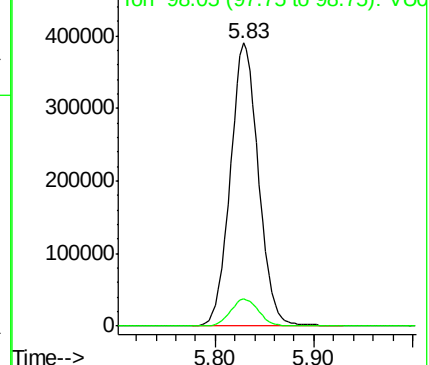
Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.2



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



#33

Benzene

Concen: 0.084 ug/L

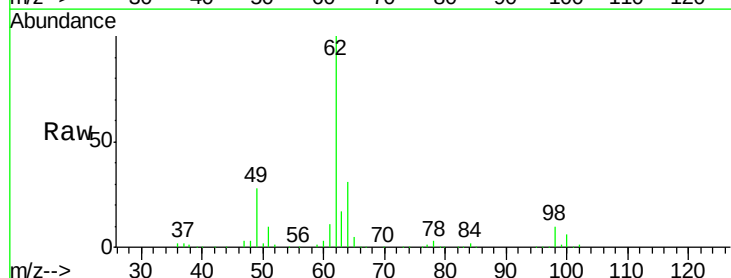
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

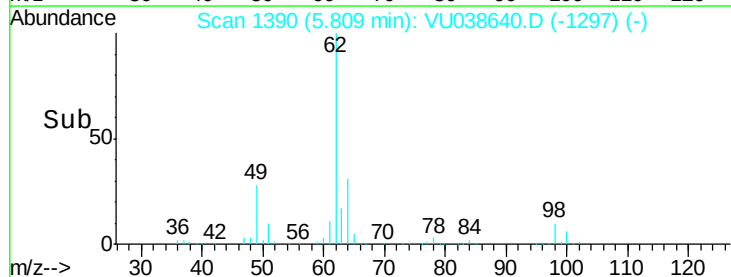
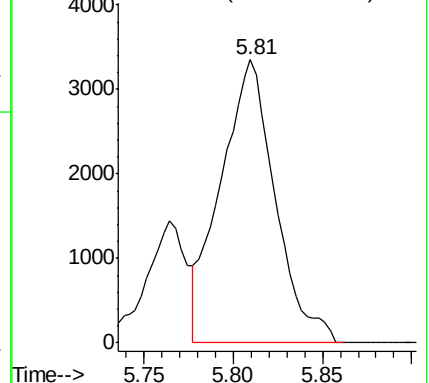
Lab File: VU038640.D

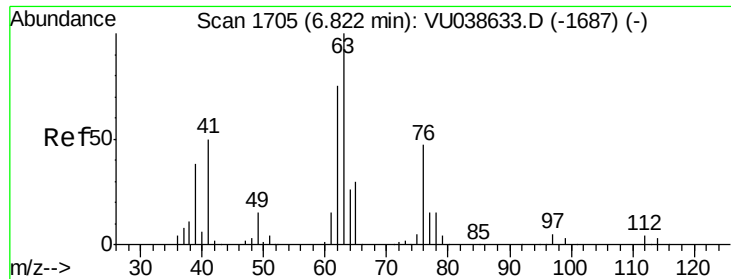
Acq: 07 Jun 2020 01:21

Tgt Ion: 78 Resp: 7128



Abundance Ion 78.10 (77.80 to 78.80): VU038633.D (-1361) (-)





#37  
 1,2-Dichloropropane  
 Concen: 0.385 ug/L  
 RT: 6.82 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: VU038640.D  
 Acq: 07 Jun 2020 01:21

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D03

Tot Ion: 63 Resp: 8223  
 Ion Ratio Lower Upper  
 63 100  
 112 3.1 3.7 5.5#

