

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042220\  
 Data File : VU037844.D  
 Acq On : 22 Apr 2020 15:38  
 Operator : JC/MD  
 Sample : L2388-02  
 Misc : 25mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 23 01:39:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 23 01:37:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 266669   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 257841   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 129417   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 70446    | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 71162    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 94350    | 2.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 52.60%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 320429   | 57.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 115.64% |
| 24) Chloroform-d               | 5.10   | 84    | 152121   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 95260    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.80% |
| 32) Benzene-d6                 | 5.76   | 84    | 313013   | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 112130   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.92   | 98    | 272618   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.20%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 45437    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.20%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 284486   | 54.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 91990    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 110905   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.00%  |

## Target Compounds

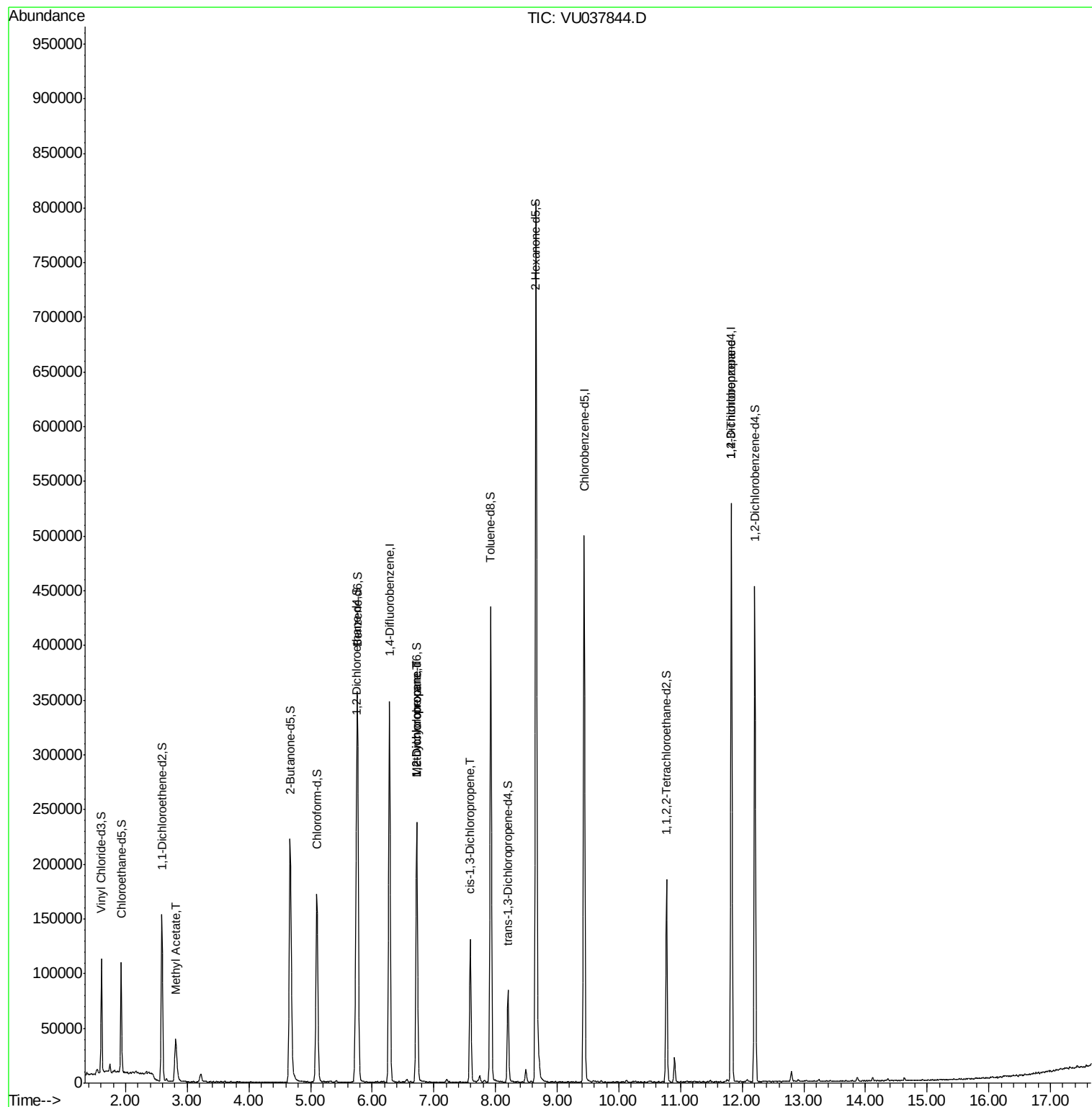
|                             |       |    |       |              | Ovalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 15) Methyl Acetate          | 2.81  | 43 | 12982 | 1.278 ug/L # | 54     |
| 35) Methylcyclohexane       | 6.72  | 83 | 25471 | 0.694 ug/L # | 17     |
| 37) 1,2-Dichloropropane     | 6.72  | 63 | 12085 | 0.535 ug/L # | 87     |
| 39) cis-1,3-Dichloropropene | 7.59  | 75 | 3157  | 0.089 ug/L # | 63     |
| 59) 1,2,3-Trichloropropane  | 11.83 | 75 | 17889 | 1.210 ug/L # | 88     |

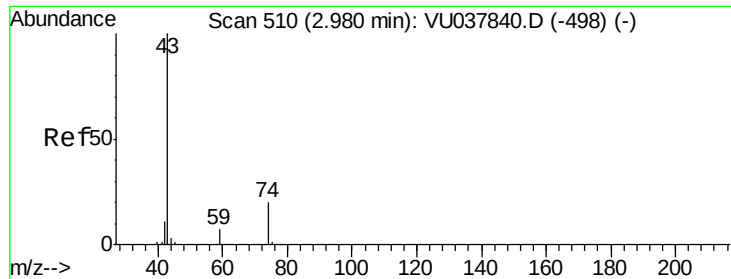
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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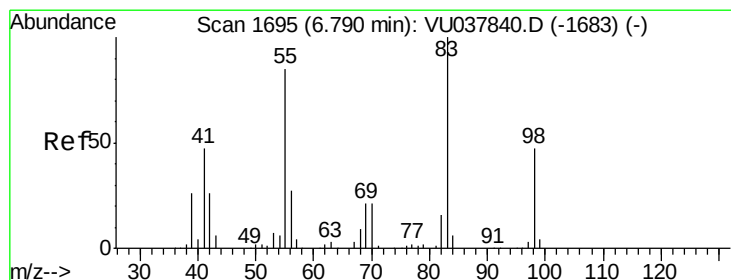
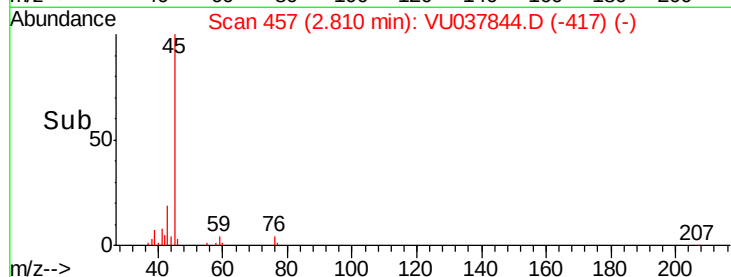
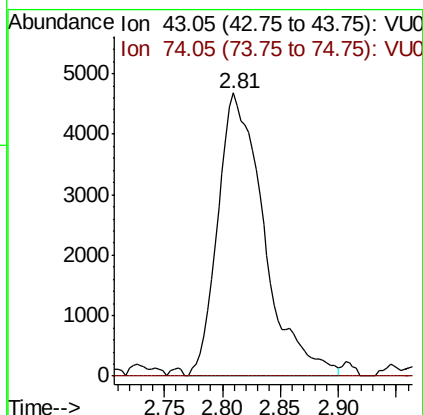
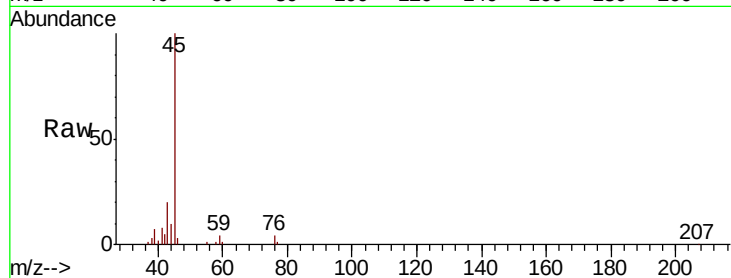




#15  
Methyl Acetate  
Concen: 1.278 ug/L  
RT: 2.81 min Scan# 457  
Delta R.T. -0.17 min  
Lab File: VU037844.D  
Acq: 22 Apr 2020 15:38

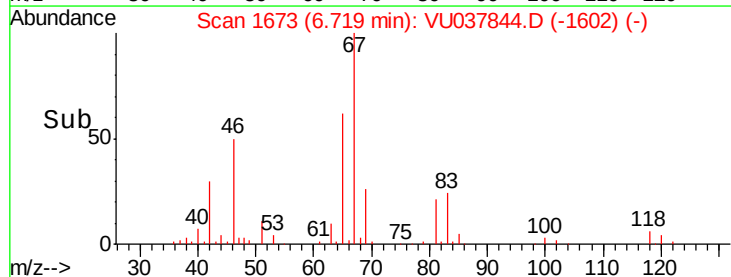
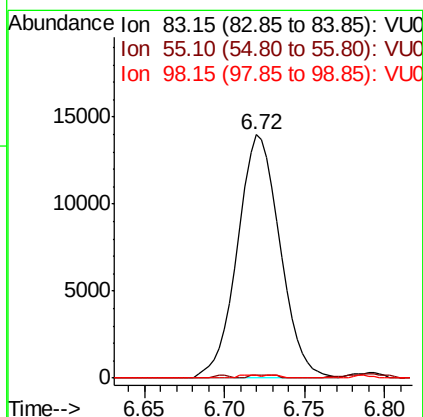
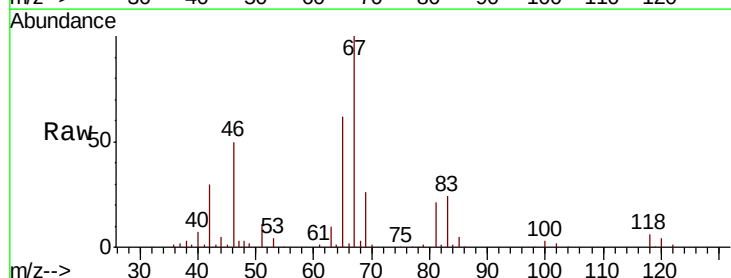
Instrument :  
MSVOA\_U  
ClientSampled :

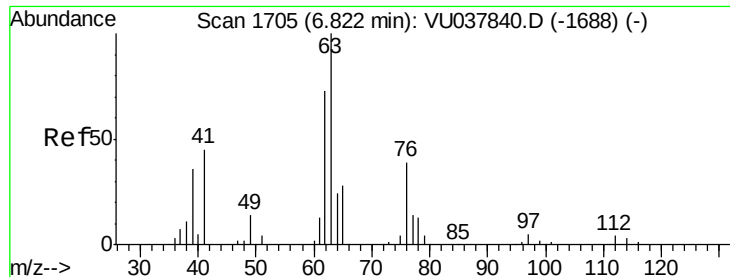
Tot Ion: 43 Resp: 12982  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.2 25.8#



#35  
Methylcyclohexane  
Concen: 0.694 ug/L  
RT: 6.72 min Scan# 1673  
Delta R.T. -0.07 min  
Lab File: VU037844.D  
Acq: 22 Apr 2020 15:38

Tgt Ion: 83 Resp: 25471  
Ion Ratio Lower Upper  
83 100  
55 0.4 65.5 98.3#  
98 0.6 38.2 57.4#

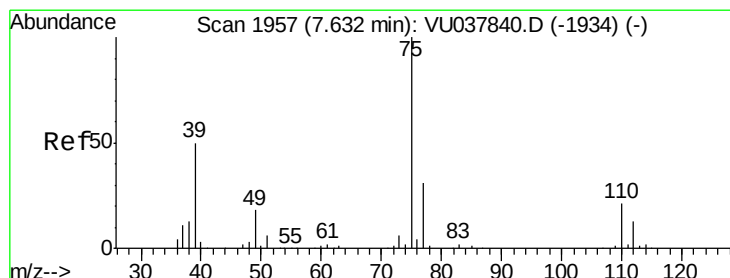
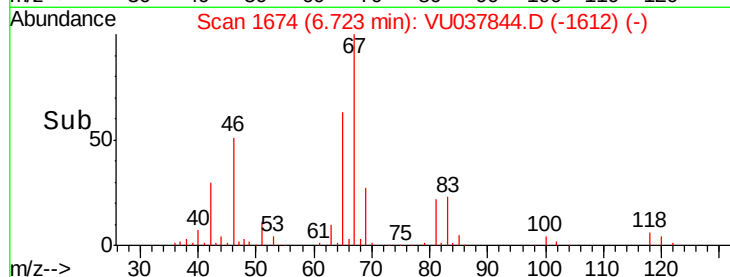
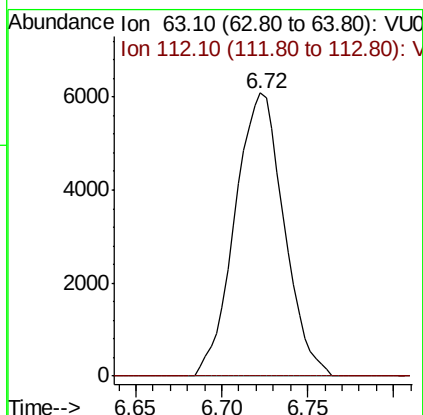
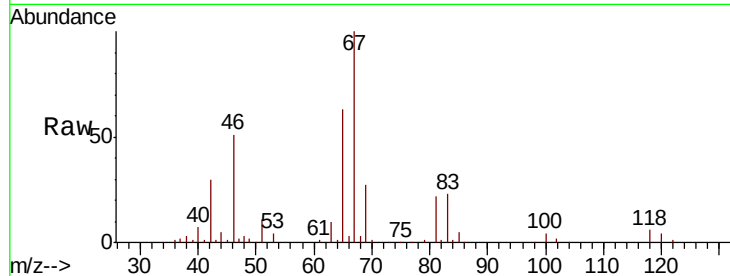




#37  
 1,2-Dichloropropane  
 Concen: 0.535 ug/L  
 RT: 6.72 min Scan# 1674  
 Delta R.T. -0.10 min  
 Lab File: VU037844.D  
 Acq: 22 Apr 2020 15:38

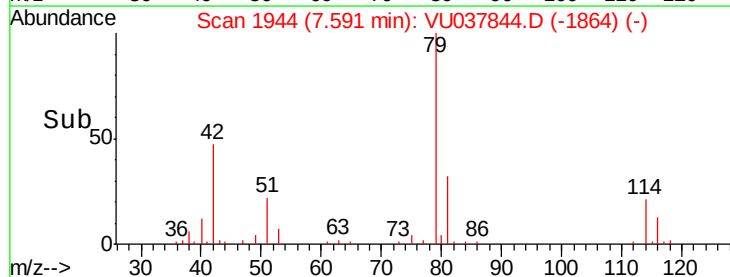
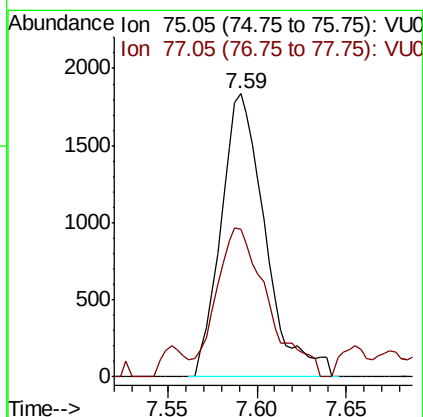
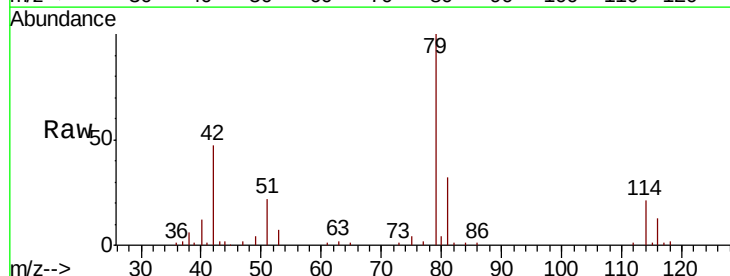
Instrument :  
 MSVOA\_U  
 ClientSampleId :

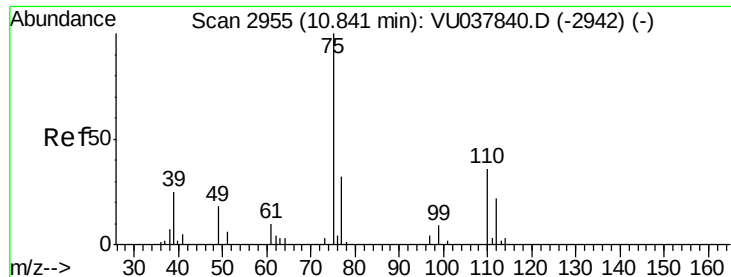
Tot Ion: 63 Resp: 12085  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.4 5.0#



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.089 ug/L  
 RT: 7.59 min Scan# 1944  
 Delta R.T. -0.04 min  
 Lab File: VU037844.D  
 Acq: 22 Apr 2020 15:38

Tgt Ion: 75 Resp: 3157  
 Ion Ratio Lower Upper  
 75 100  
 77 52.3 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 1.210 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037844.D

Acq: 22 Apr 2020 15:38

Instrument :

MSVOA\_U

ClientSampleId :

Tot Ion: 75 Resp: 17889

Ion Ratio Lower Upper

75 100

77 38.7 25.4 38.2#

