

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU063020\  
 Data File : VU039269.D  
 Acq On : 01 Jul 2020 08:52  
 Operator : SY/MD  
 Sample : L3134-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETYK6

Quant Time: Jul 01 10:38:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR063020WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 01 08:49:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 183382   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 187921   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 84306    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 69438    | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.80% |
| 7) Chloroethane-d5             | 1.93   | 69    | 62128    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 90950    | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.20%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 161822   | 31.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 63.14%  |
| 24) Chloroform-d               | 5.10   | 84    | 116545   | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 71109    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 32) Benzene-d6                 | 5.76   | 84    | 211254   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 65834    | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 81.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 176068   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.00%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 32036    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 106962   | 28.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 57.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 52319    | 3.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 66.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 67989    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.00%  |

## Target Compounds

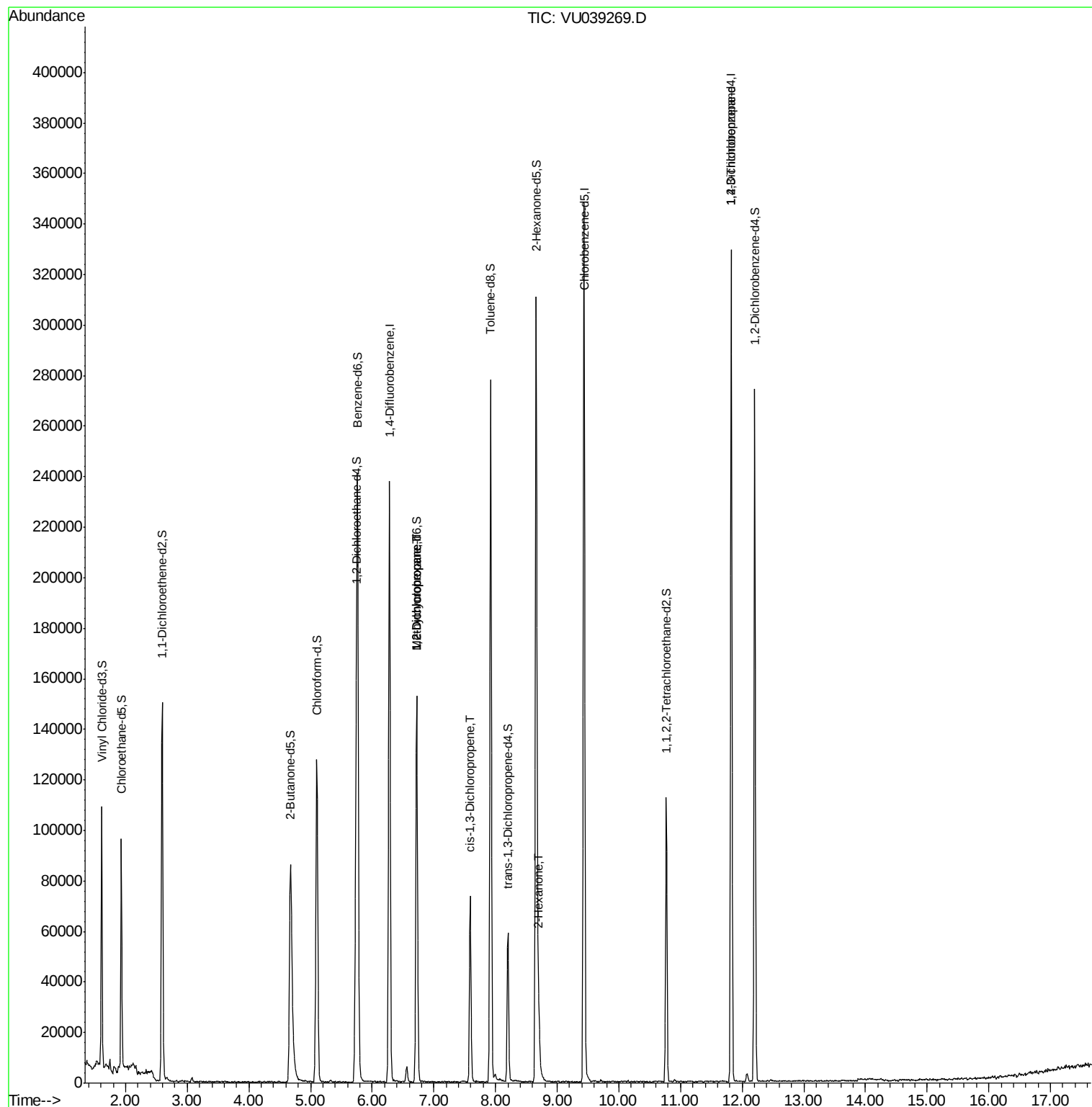
|                             |       |    |       |              | Qvalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 35) Methylcyclohexane       | 6.72  | 83 | 17551 | 0.810 ug/L # | 17     |
| 37) 1,2-Dichloropropane     | 6.72  | 63 | 7967  | 0.534 ug/L # | 86     |
| 39) cis-1,3-Dichloropropene | 7.59  | 75 | 1995  | 0.094 ug/L # | 61     |
| 48) 2-Hexanone              | 8.70  | 43 | 10241 | 1.188 ug/L # | 87     |
| 59) 1,2,3-Trichloropropane  | 11.82 | 75 | 10358 | 0.898 ug/L # | 76     |

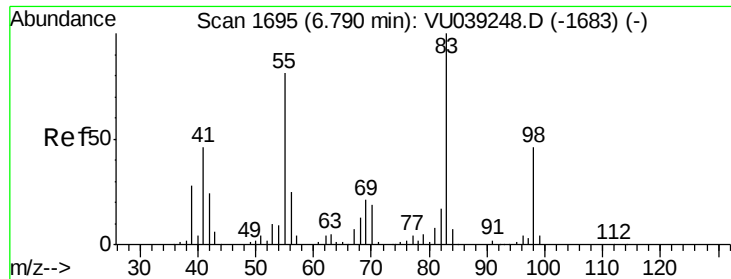
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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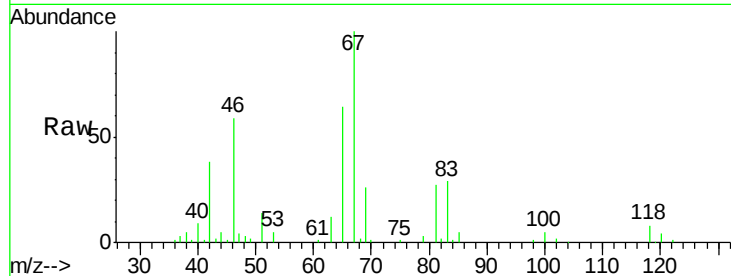




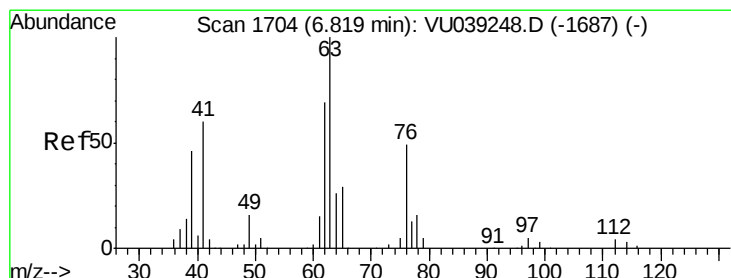
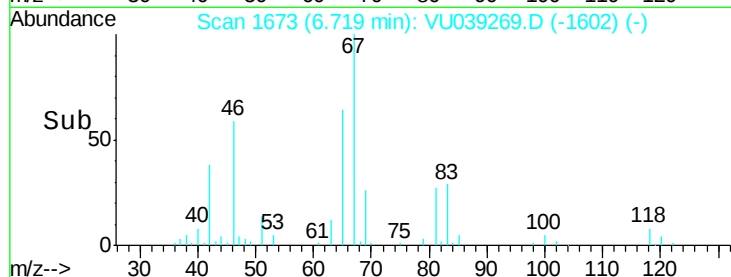
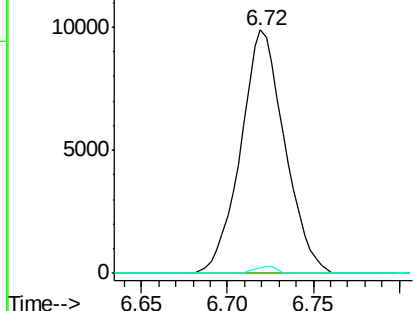
#35  
Methylcyclohexane  
Concen: 0.810 ug/L  
RT: 6.72 min Scan# 1673  
Delta R.T. -0.07 min  
Lab File: VU039269.D  
Acq: 01 Jul 2020 08:52

Instrument :  
MSVOA\_U  
ClientSampled :  
ETYK6

Tgt Ion: 83 Resp: 17551  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.4 96.6#  
98 1.4 37.9 56.9#

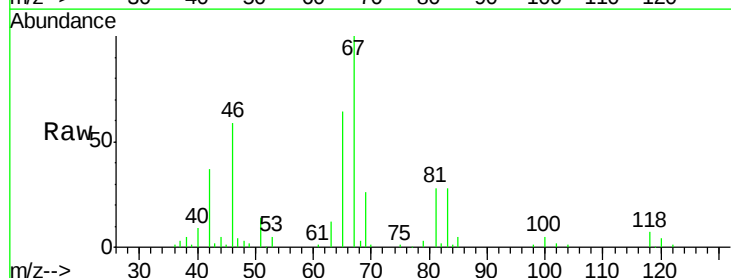


Abundance Ion 83.15 (82.85 to 83.85): VU0  
Ion 55.10 (54.80 to 55.80): VU0  
Ion 98.15 (97.85 to 98.85): VU0

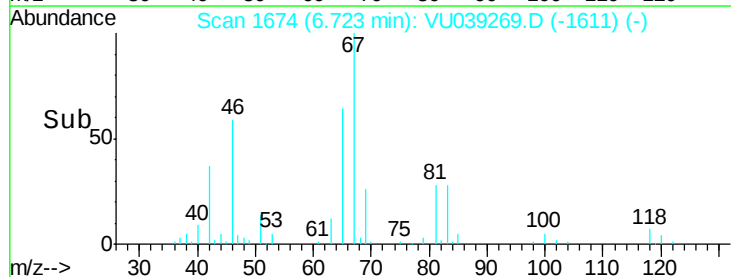
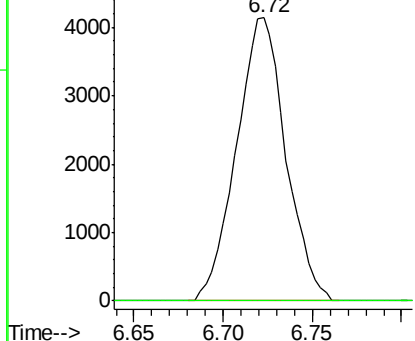


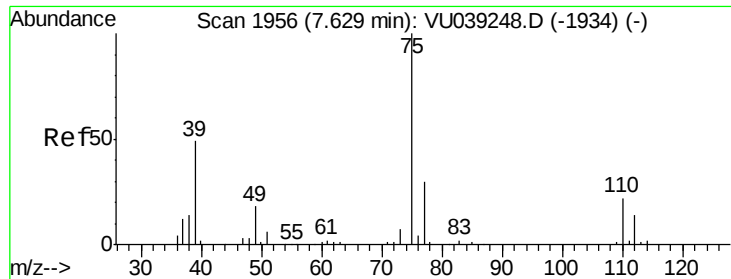
#37  
1,2-Dichloropropane  
Concen: 0.534 ug/L  
RT: 6.72 min Scan# 1674  
Delta R.T. -0.10 min  
Lab File: VU039269.D  
Acq: 01 Jul 2020 08:52

Tgt Ion: 63 Resp: 7967  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0  
Ion 112.10 (111.80 to 112.80): V

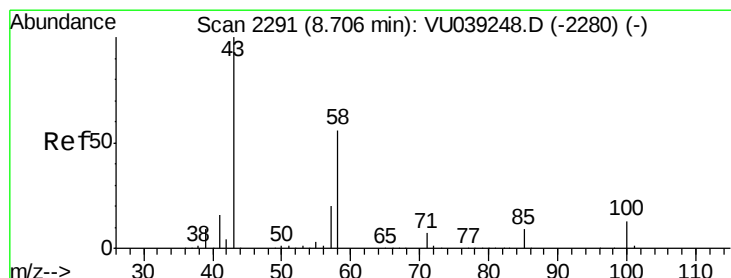
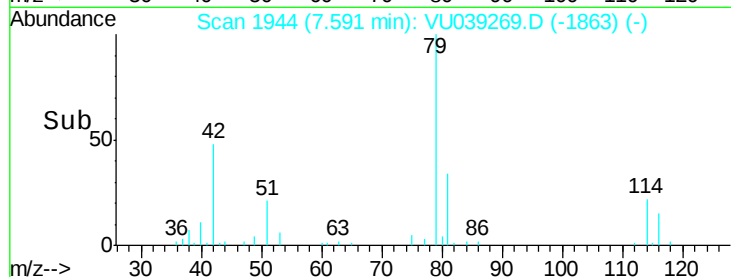
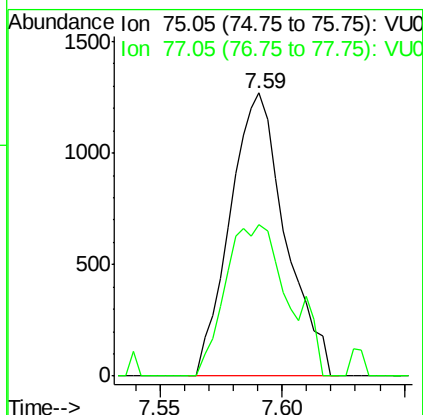
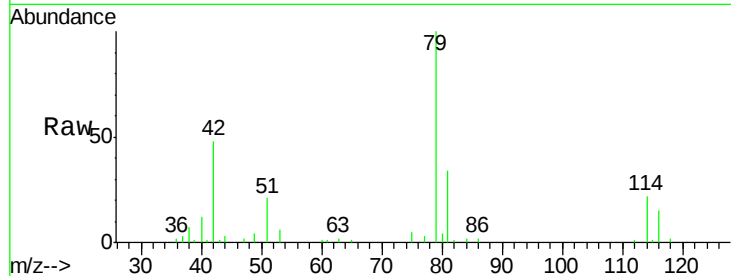




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.094 ug/L  
 RT: 7.59 min Scan# 1944  
 Delta R.T. -0.04 min  
 Lab File: VU039269.D  
 Acq: 01 Jul 2020 08:52

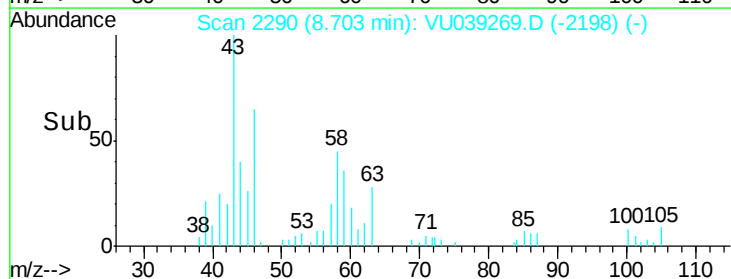
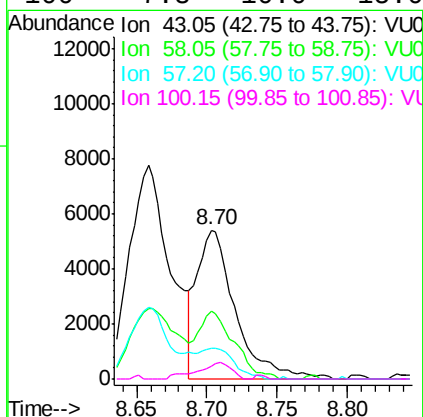
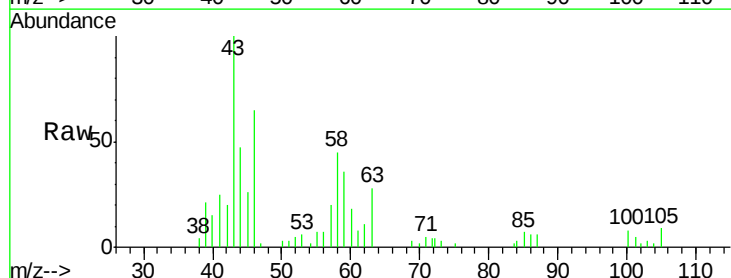
Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 ETYK6

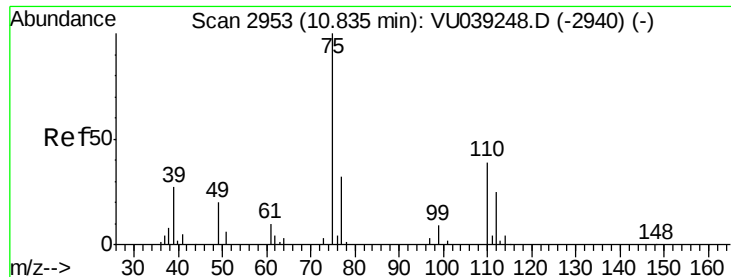
Tgt Ion: 75 Resp: 1995  
 Ion Ratio Lower Upper  
 75 100  
 77 53.7 22.5 41.7#



#48  
 2-Hexanone  
 Concen: 1.188 ug/L  
 RT: 8.70 min Scan# 2290  
 Delta R.T. -0.00 min  
 Lab File: VU039269.D  
 Acq: 01 Jul 2020 08:52

Tgt Ion: 43 Resp: 10241  
 Ion Ratio Lower Upper  
 43 100  
 58 43.1 43.6 65.4#  
 57 17.3 15.5 23.3  
 100 7.8 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 0.898 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU039269.D

Acq: 01 Jul 2020 08:52

Instrument :

MSVOA\_U

ClientSampleId :

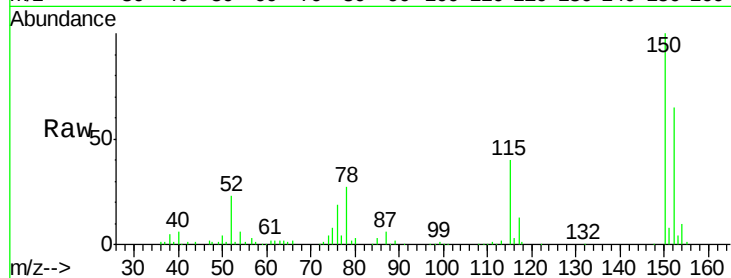
ETYK6

Tgt Ion: 75 Resp: 10358

Ion Ratio Lower Upper

75 100

77 43.8 24.6 36.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

