

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062620\  
 Data File : VU039159.D  
 Acq On : 26 Jun 2020 12:38  
 Operator : SY/MD  
 Sample : L3121-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9F28

Quant Time: Jun 26 23:55:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 26 23:52:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 238988   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 242817   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 104622   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 65895    | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 68746    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 104114   | 3.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.00%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 376011   | 59.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.06% |
| 24) Chloroform-d               | 5.10   | 84    | 174418   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 111638   | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.40% |
| 32) Benzene-d6                 | 5.76   | 84    | 320643   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 110666   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.92   | 98    | 240520   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 42414    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.20%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 271964   | 53.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.18% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 103306   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 103720   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.40% |

## Target Compounds

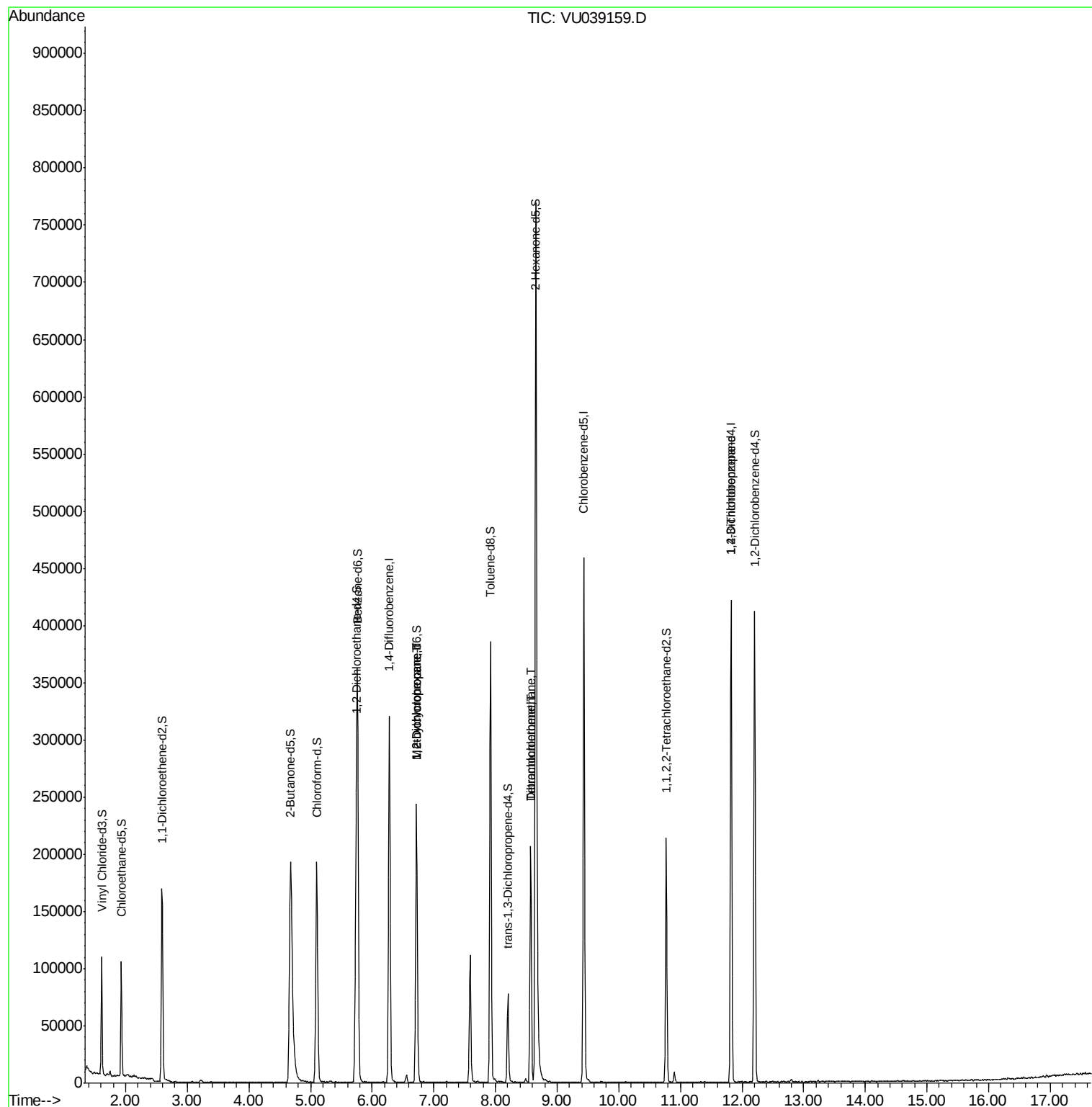
|                            |       |     |       |              | Ovalue |
|----------------------------|-------|-----|-------|--------------|--------|
| 35) Methylcyclohexane      | 6.72  | 83  | 25788 | 0.942 ug/L # | 17     |
| 37) 1,2-Dichloropropane    | 6.72  | 63  | 12240 | 0.592 ug/L # | 87     |
| 47) Tetrachloroethene      | 8.57  | 164 | 43043 | 3.236 ug/L   | 95     |
| 49) Dibromochloromethane   | 8.57  | 129 | 41667 | 2.494 ug/L # | 10     |
| 59) 1,2,3-Trichloropropane | 11.82 | 75  | 15868 | 1.018 ug/L   | 97     |

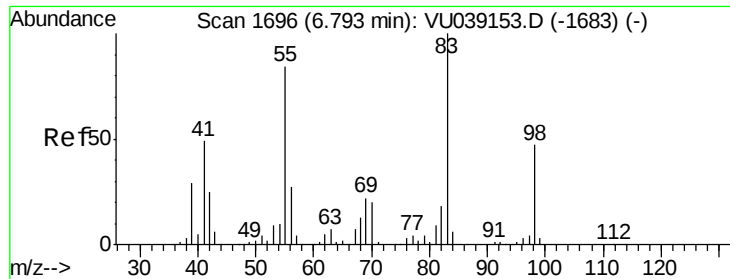
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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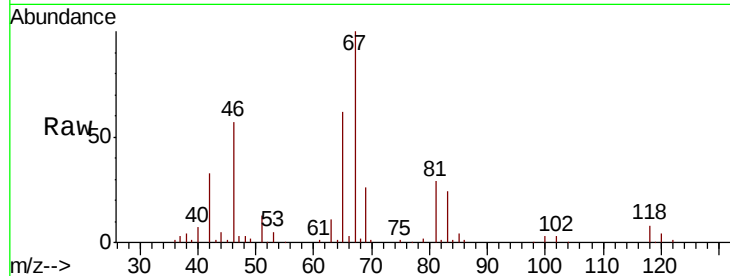




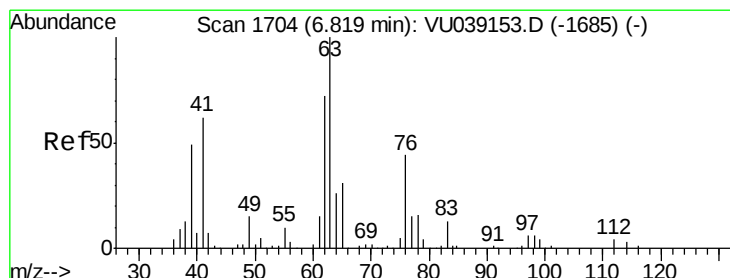
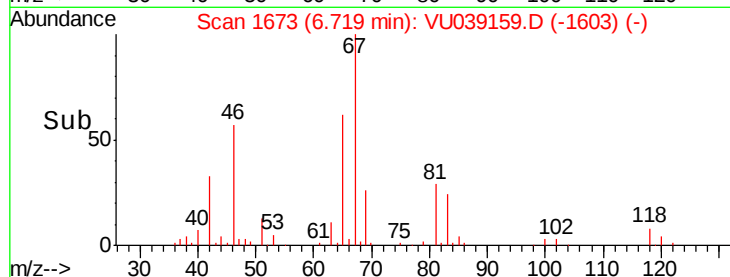
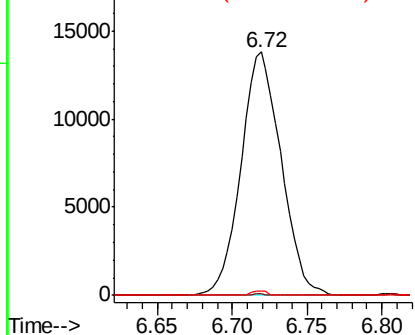
#35  
Methylcyclohexane  
Concen: 0.942 ug/L  
RT: 6.72 min Scan# 1673  
Delta R.T. -0.07 min  
Lab File: VU039159.D  
Acq: 26 Jun 2020 12:38

Instrument :  
MSVOA\_U  
ClientSampleId :  
F9F28

Tot Ion: 83 Resp: 25788  
Ion Ratio Lower Upper  
83 100  
55 0.2 65.5 98.3#  
98 0.7 36.5 54.7#

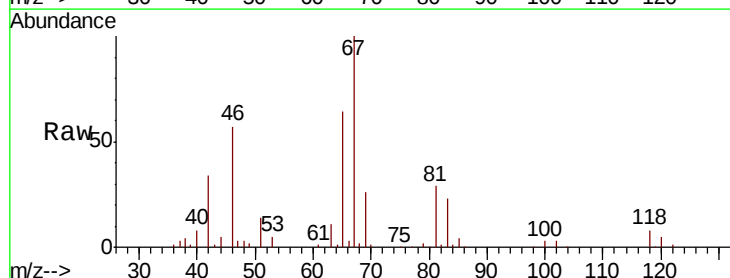


Abundance Ion 83.15 (82.85 to 83.85): VU0  
Ion 55.10 (54.80 to 55.80): VU0  
Ion 98.15 (97.85 to 98.85): VU0

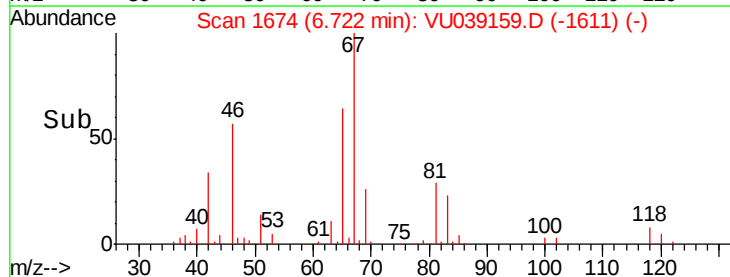
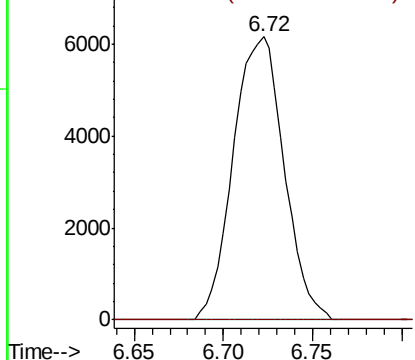


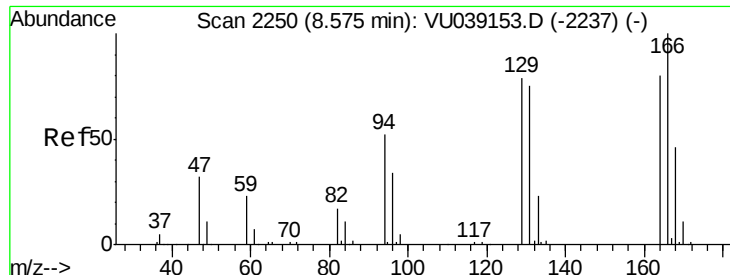
#37  
1,2-Dichloropropane  
Concen: 0.592 ug/L  
RT: 6.72 min Scan# 1674  
Delta R.T. -0.10 min  
Lab File: VU039159.D  
Acq: 26 Jun 2020 12:38

Tgt Ion: 63 Resp: 12240  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#



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





#47

Tetrachloroethene

Concen: 3.236 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039159.D

Acq: 26 Jun 2020 12:38

Instrument :

MSVOA\_U

ClientSampleId :

F9F28

Tot Ion:164 Resp: 43043

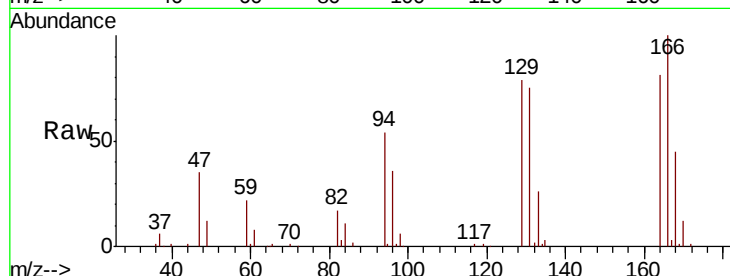
Ion Ratio Lower Upper

164 100

129 97.7 71.3 132.5

131 92.6 68.3 126.8

166 123.0 90.8 168.6

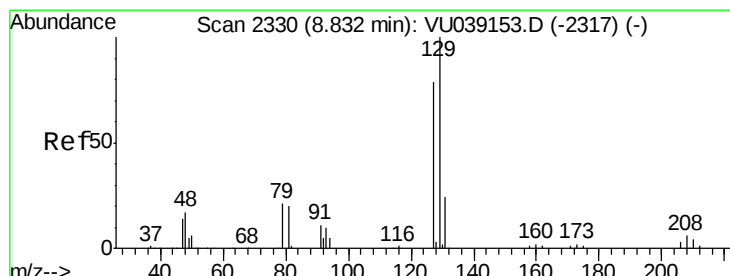
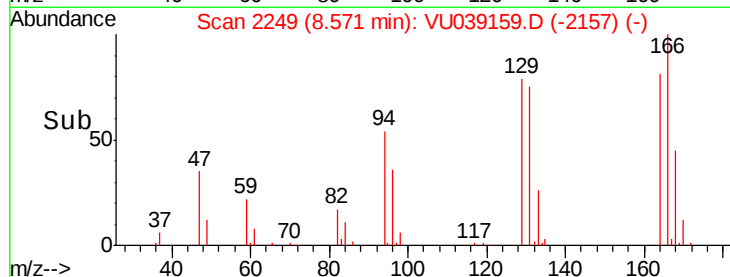
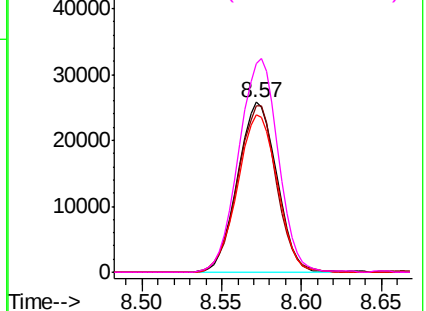


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 2.494 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU039159.D

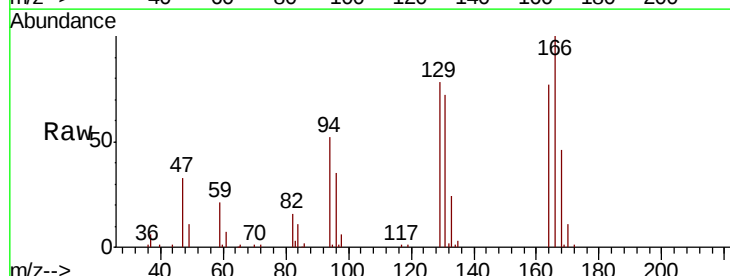
Acq: 26 Jun 2020 12:38

Tgt Ion:129 Resp: 41667

Ion Ratio Lower Upper

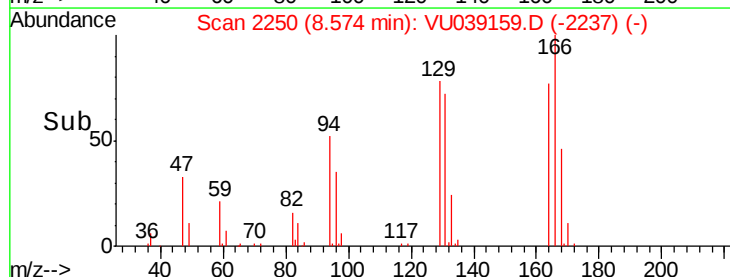
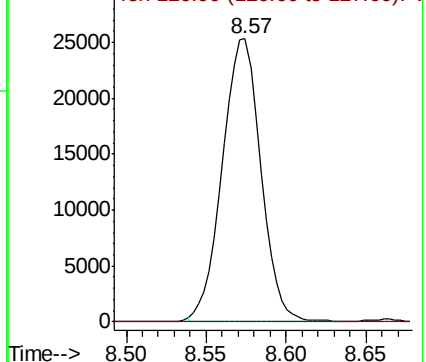
129 100

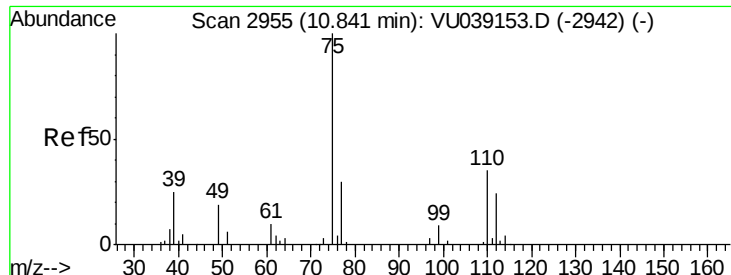
127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.018 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039159.D

Acq: 26 Jun 2020 12:38

Instrument :

MSVOA\_U

ClientSampleId :

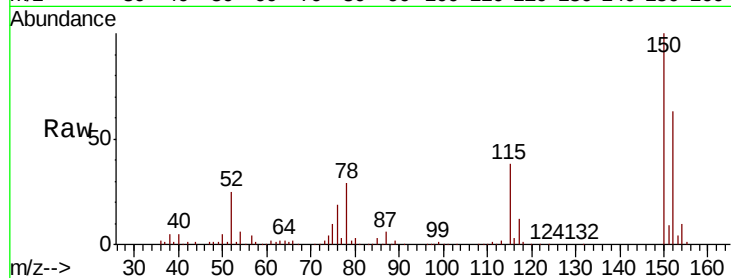
F9F28

Tot Ion: 75 Resp: 15868

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

