

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\  
 Data File : VU037700.D  
 Acq On : 14 Apr 2020 15:58  
 Operator : JC/MD  
 Sample : VU0414WBL01  
 Misc : 25mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 14 18:04:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 14 15:15:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 326174   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 310130   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 150971   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 121516   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 105218   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 159675   | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.80%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 356028   | 52.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.04% |
| 24) Chloroform-d               | 5.10   | 84    | 179560   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 112607   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40%  |
| 32) Benzene-d6                 | 5.76   | 84    | 419998   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 138034   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.20% |
| 41) Toluene-d8                 | 7.92   | 98    | 385434   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.40% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 60247    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.40%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 322738   | 51.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.94% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 108344   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 135976   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

## Target Compounds

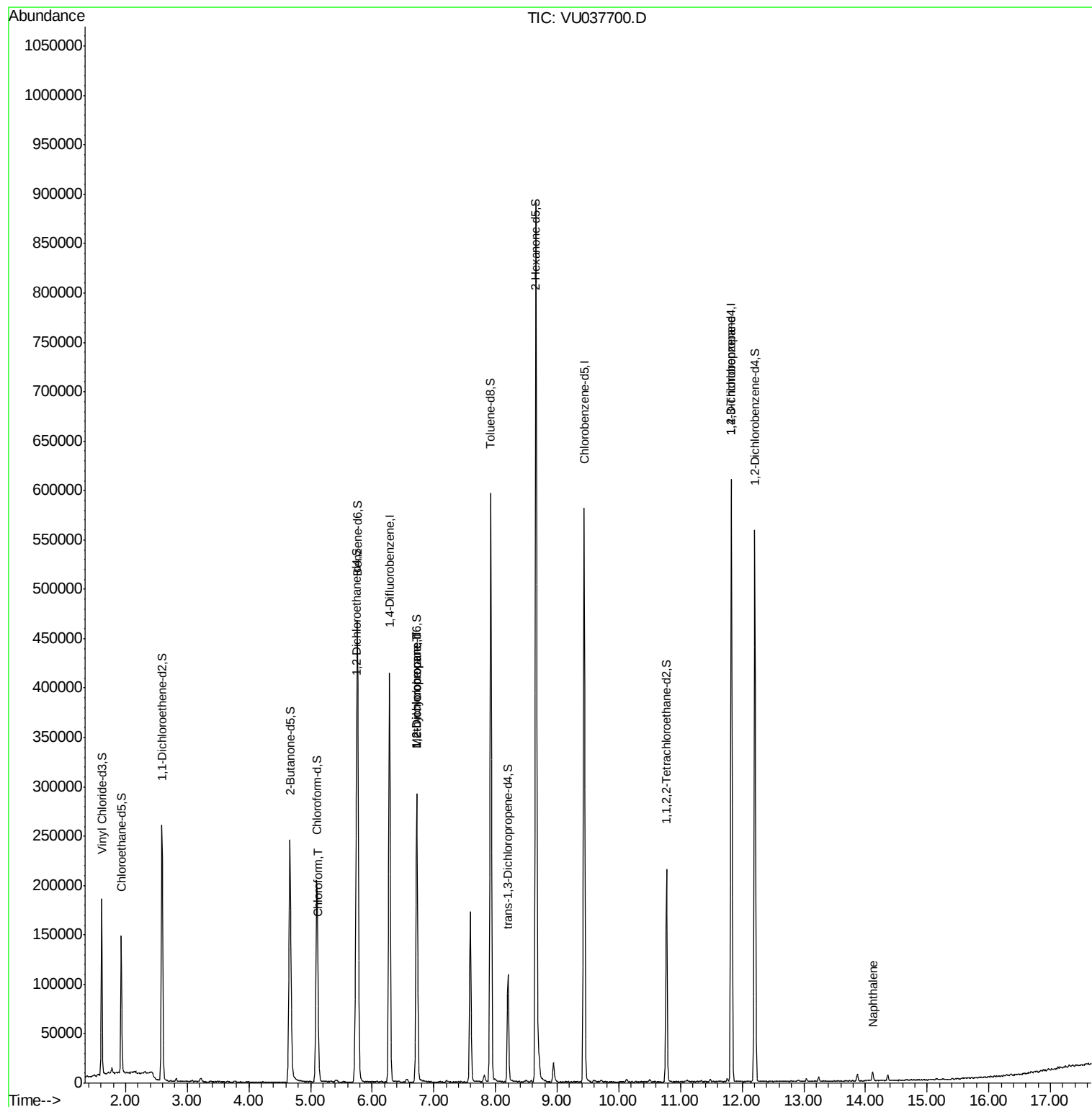
|                            |       |     |       |              | Ovalue |
|----------------------------|-------|-----|-------|--------------|--------|
| 25) Chloroform             | 5.13  | 83  | 14094 | 0.314 ug/L   | 96     |
| 35) Methylcyclohexane      | 6.72  | 83  | 31161 | 0.706 ug/L # | 17     |
| 37) 1,2-Dichloropropane    | 6.72  | 63  | 15260 | 0.562 ug/L # | 87     |
| 59) 1,2,3-Trichloropropane | 11.83 | 75  | 20993 | 1.180 ug/L   | 92     |
| 69) Naphthalene            | 14.12 | 128 | 7592  | 0.110 ug/L   | 99     |

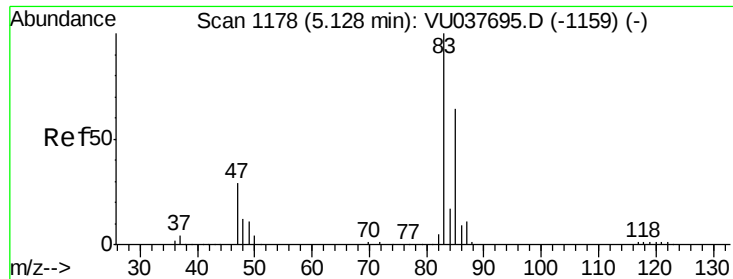
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Apr 14 18:04:13 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041420WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Apr 14 15:15:58 2020  
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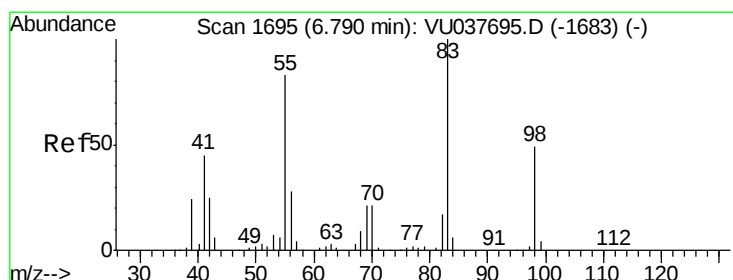
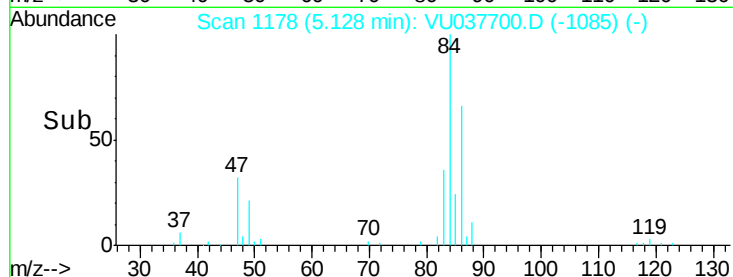
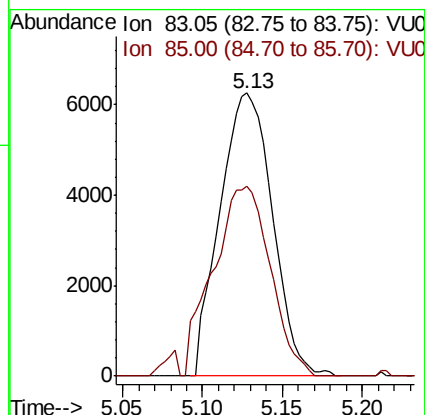
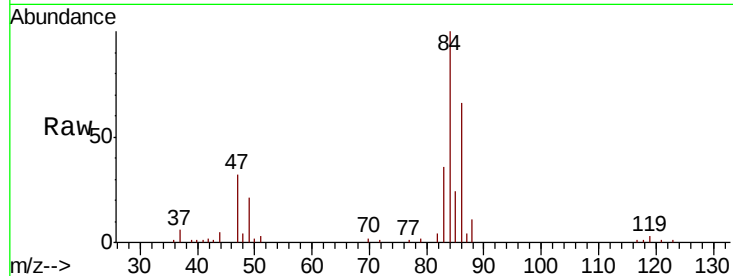




#25  
Chloroform  
Concen: 0.314 ug/L  
RT: 5.13 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: VU037700.D  
Acq: 14 Apr 2020 15:58

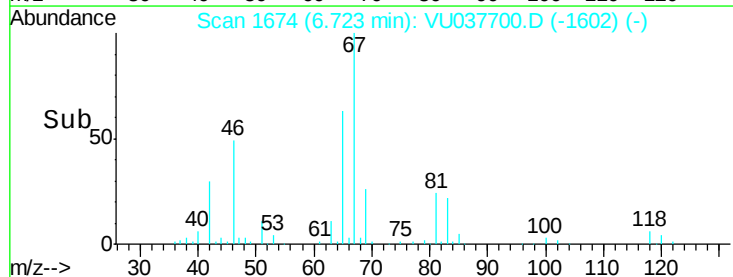
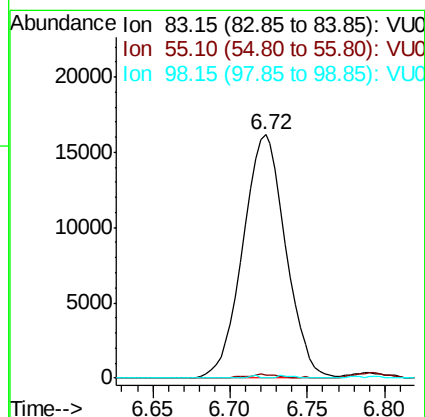
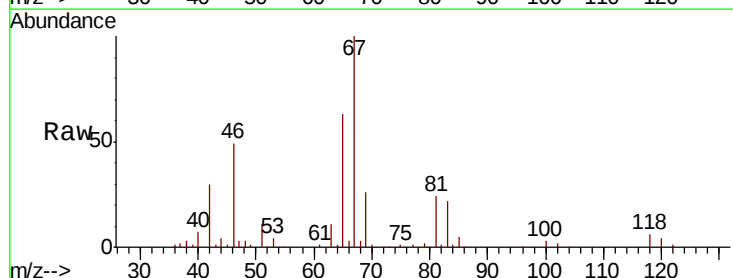
Instrument :  
MSVOA\_U  
ClientSampleId :

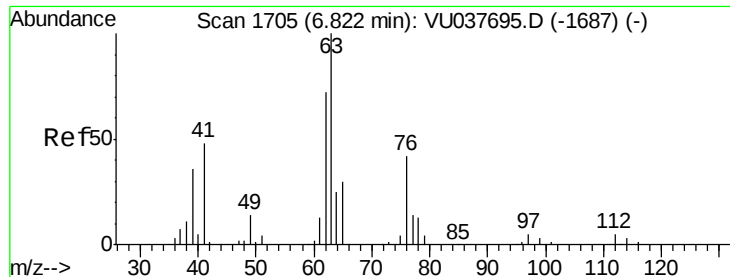
Tot Ion: 83 Resp: 14094  
Ion Ratio Lower Upper  
83 100  
85 67.0 44.9 83.3



#35  
Methylcyclohexane  
Concen: 0.706 ug/L  
RT: 6.72 min Scan# 1674  
Delta R.T. -0.07 min  
Lab File: VU037700.D  
Acq: 14 Apr 2020 15:58

Tgt Ion: 83 Resp: 31161  
Ion Ratio Lower Upper  
83 100  
55 1.1 65.5 98.3#  
98 0.2 38.2 57.4#

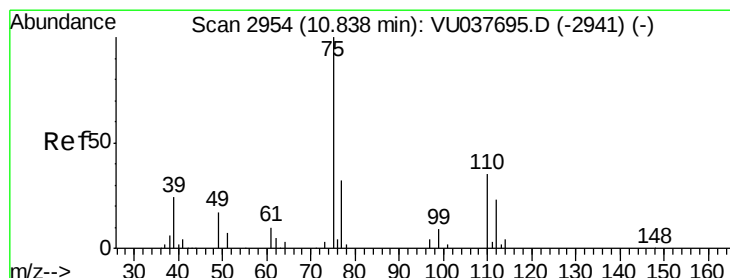
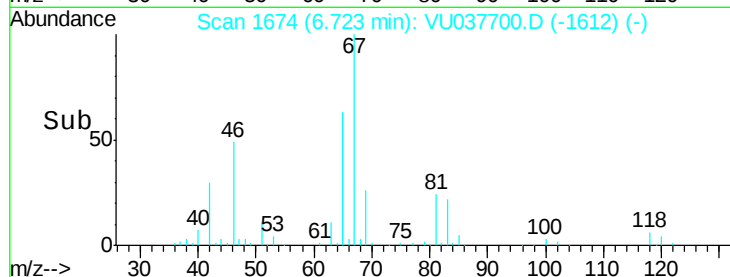
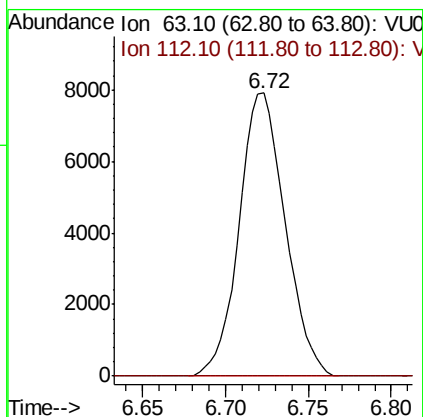
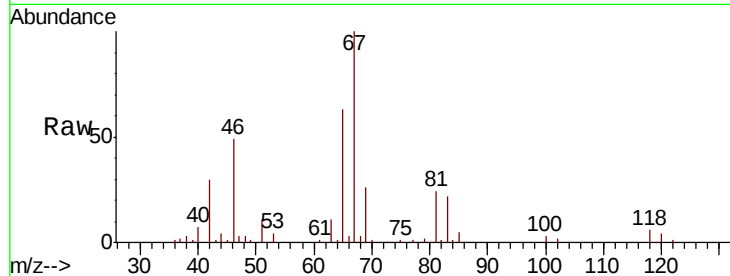




#37  
 1,2-Dichloropropane  
 Concen: 0.562 ug/L  
 RT: 6.72 min Scan# 1674  
 Delta R.T. -0.10 min  
 Lab File: VU037700.D  
 Acq: 14 Apr 2020 15:58

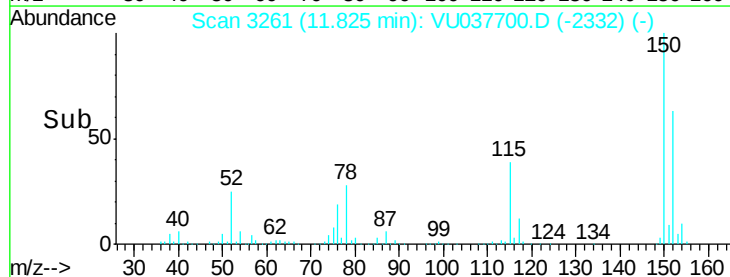
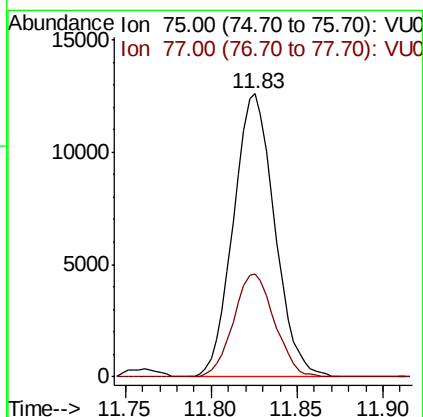
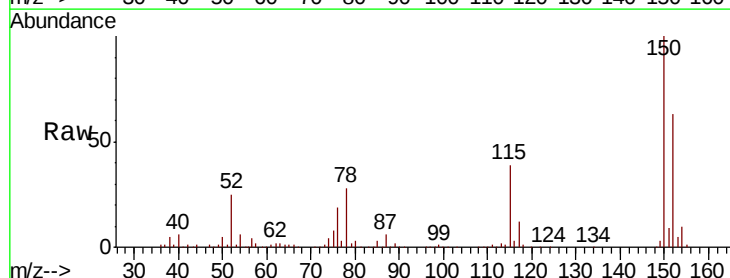
Instrument :  
 MSVOA\_U  
 ClientSampled :

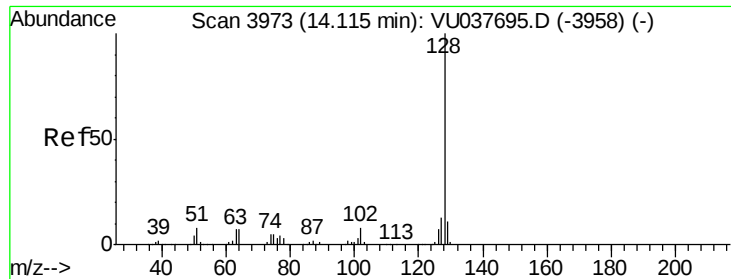
Tot Ion: 63 Resp: 15260  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.4 5.0#



#59  
 1,2,3-Trichloropropane  
 Concen: 1.180 ug/L  
 RT: 11.83 min Scan# 3261  
 Delta R.T. 0.99 min  
 Lab File: VU037700.D  
 Acq: 14 Apr 2020 15:58

Tgt Ion: 75 Resp: 20993  
 Ion Ratio Lower Upper  
 75 100  
 77 36.1 25.4 38.2





#69

Naphthalene

Concen: 0.110 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

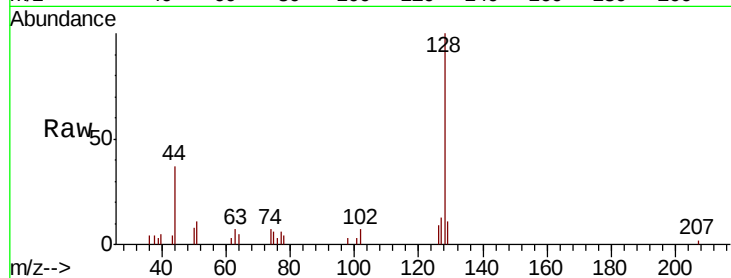
Lab File: VU037700.D

Acq: 14 Apr 2020 15:58

Instrument :

MSVOA\_U

ClientSampleId :



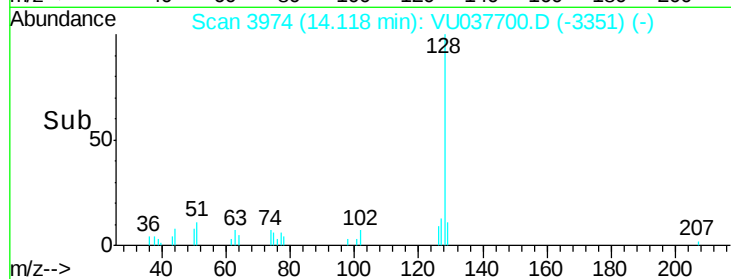
Tot Ion:128 Resp: 7592

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

