

Data File : VU037324.D  
Acq On : 17 Mar 2020 18:00  
Operator : JC/MD  
Sample : L1494-05  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
CONH6

Quant Time: Mar 18 02:40:38 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Mar 18 02:36:04 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 427691   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 424497   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 169143   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 122743   | 37.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 74.16%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 112094   | 42.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 84.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 176242   | 29.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.04%# |
| 21) 2-Butanone-d5              | 4.67    | 46    | 263004   | 100.40   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.40% |
| 24) Chloroform-d               | 5.11    | 84    | 283092   | 44.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.96%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 207233   | 44.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.98%  |
| 32) Benzene-d6                 | 5.76    | 84    | 517334   | 44.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 172753   | 45.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.32%  |
| 41) Toluene-d8                 | 7.93    | 98    | 488464   | 43.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.46%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 88090    | 42.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.62%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 180486   | 91.13    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.13%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 265500   | 44.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.62%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 178893   | 50.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.98% |

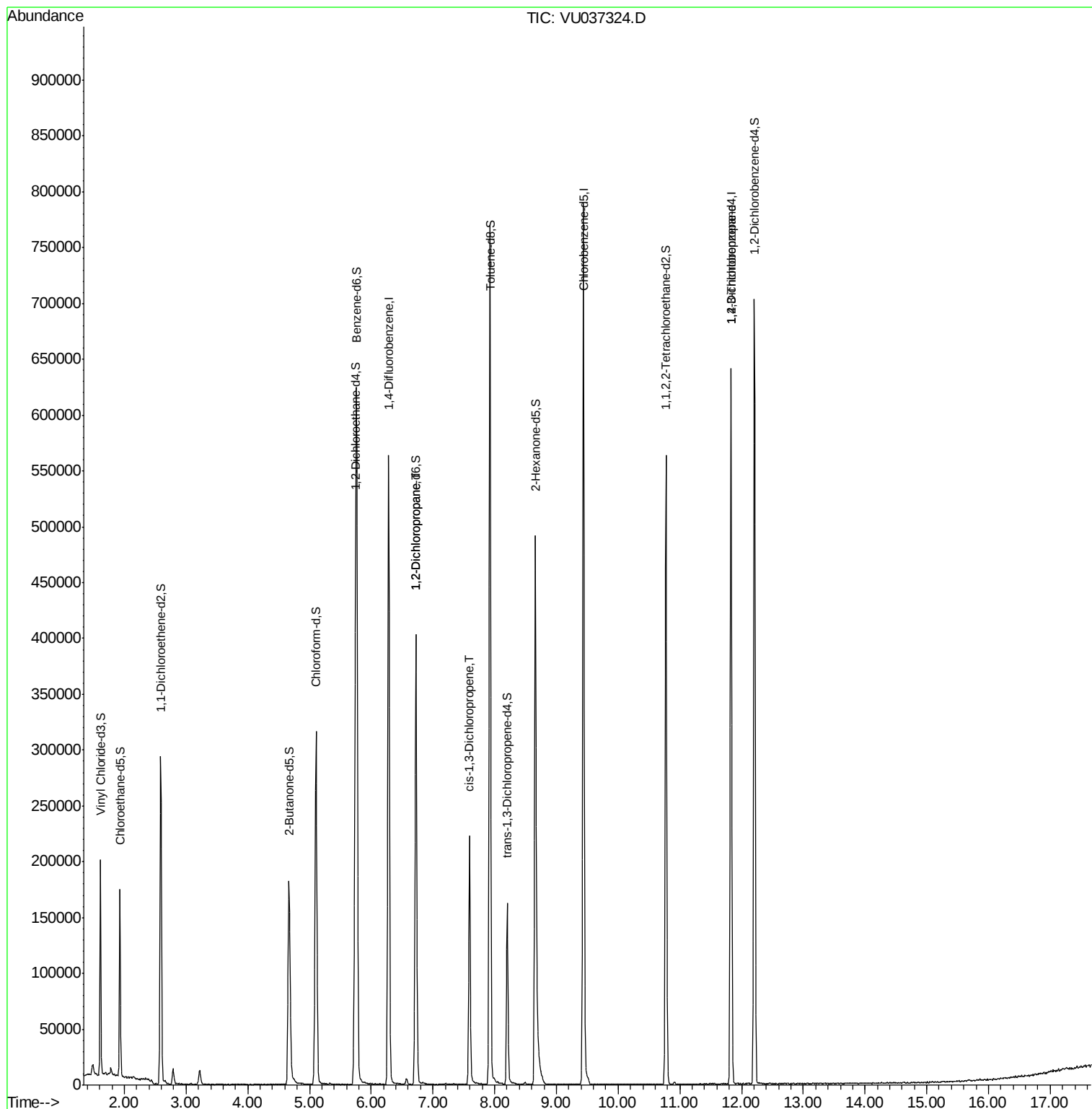
| Target Compounds            |       |    |       |              | Qvalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 37) 1,2-Dichloropropane     | 6.73  | 63 | 21101 | 5.933 ug/L # | 89     |
| 39) cis-1,3-Dichloropropene | 7.59  | 75 | 6645  | 1.205 ug/L # | 54     |
| 59) 1,2,3-Trichloropropane  | 11.83 | 75 | 21639 | 4.377 ug/L # | 86     |

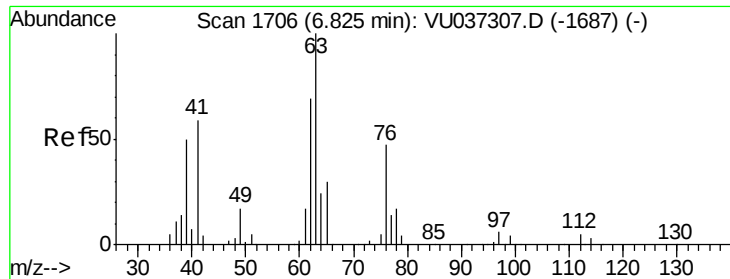
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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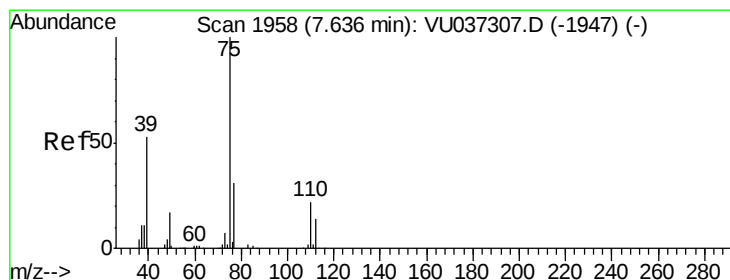
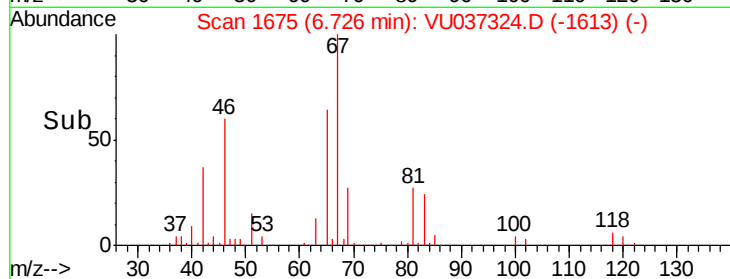
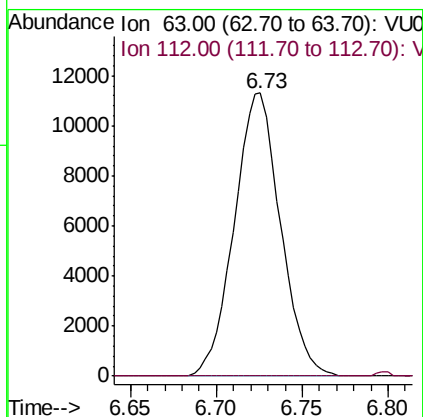
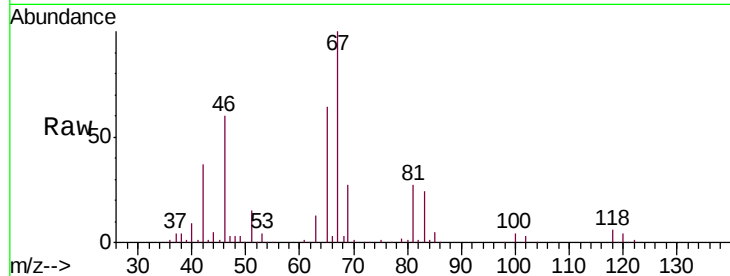




#37  
 1,2-Dichloropropane  
 Concen: 5.933 ug/L  
 RT: 6.73 min Scan# 1675  
 Delta R.T. -0.10 min  
 Lab File: VU037324.D  
 Acq: 17 Mar 2020 18:00

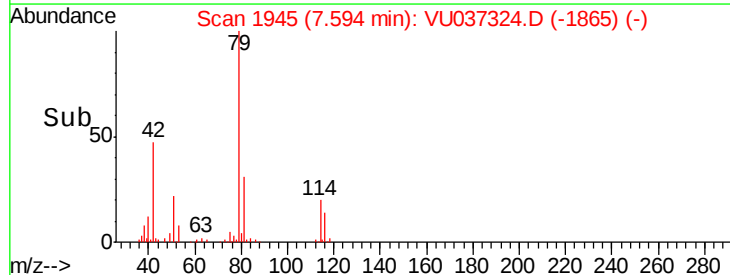
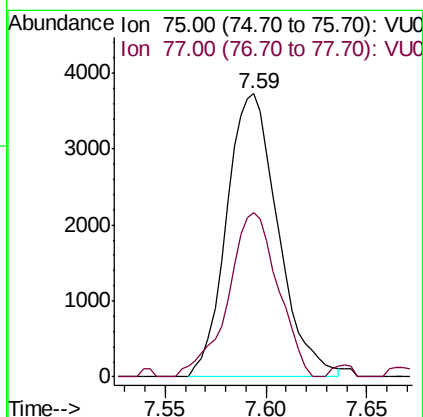
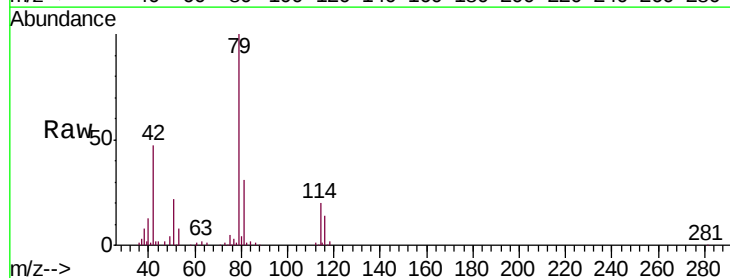
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CONH6

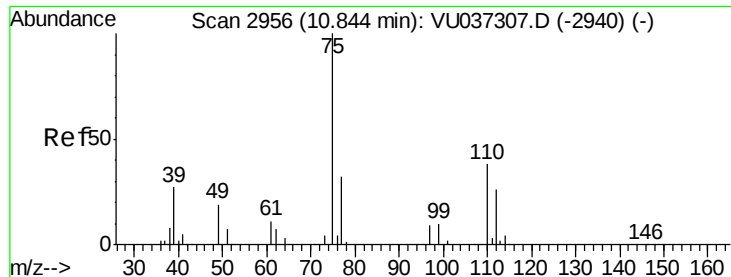
Tgt Ion: 63 Resp: 21101  
 Ion Ratio Lower Upper  
 63 100  
 112 0.4 3.1 4.7#



#39  
 cis-1,3-Dichloropropene  
 Concen: 1.205 ug/L  
 RT: 7.59 min Scan# 1945  
 Delta R.T. -0.04 min  
 Lab File: VU037324.D  
 Acq: 17 Mar 2020 18:00

Tgt Ion: 75 Resp: 6645  
 Ion Ratio Lower Upper  
 75 100  
 77 58.1 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 4.377 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037324.D

Acq: 17 Mar 2020 18:00

Instrument :

MSVOA\_U

ClientSampleId :

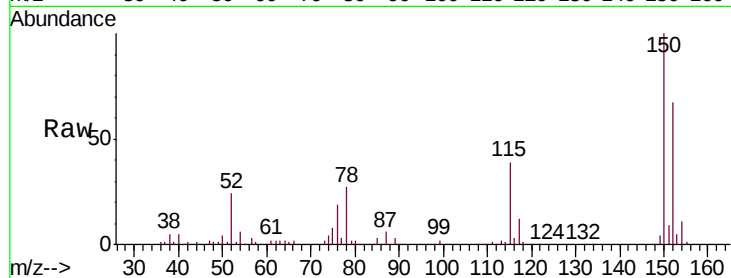
CONH6

Tgt Ion: 75 Resp: 21639

Ion Ratio Lower Upper

75 100

77 39.1 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

