

Data File : VU032451.D  
Acq On : 05 Jun 2019 10:02  
Operator : JC/SP  
Sample : K3081-14DL 1000X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GALE2DL

Quant Time: Jun 06 01:08:38 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jun 06 01:05:42 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 100888   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 94282    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 47733    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 32533    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.20%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 26072    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 48329    | 3.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.60%  |
| 20) 2-Butanone-d5              | 4.20   | 46    | 92308    | 50.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.84% |
| 24) Chloroform-d               | 4.64   | 84    | 57916    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 32368    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.40% |
| 32) Benzene-d6                 | 5.33   | 84    | 122155   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 37487    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.80% |
| 41) Toluene-d8                 | 7.56   | 98    | 117011   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.00% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 15319    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 99.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 73763    | 47.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 29689    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 46448    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.20% |

#### Target Compounds

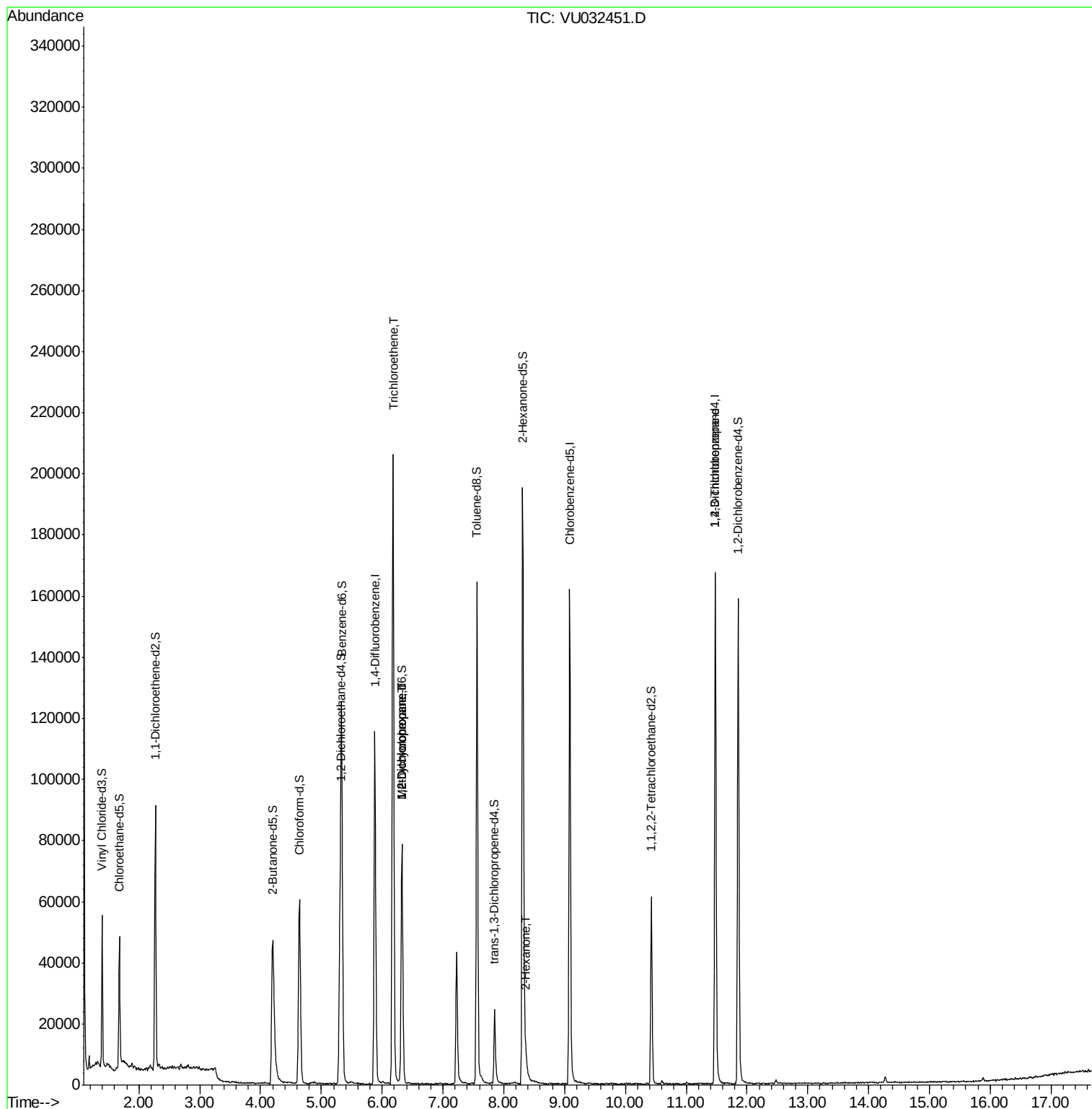
|                            |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 34) Trichloroethene        | 6.18  | 95 | 70205 | 8.780 ug/L   | 98     |
| 35) Methylcyclohexane      | 6.32  | 83 | 8824  | 0.686 ug/L # | 19     |
| 37) 1,2-Dichloropropane    | 6.32  | 63 | 4043  | 0.562 ug/L # | 89     |
| 48) 2-Hexanone             | 8.36  | 43 | 3616  | 0.989 ug/L # | 85     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 5467  | 1.158 ug/L # | 87     |

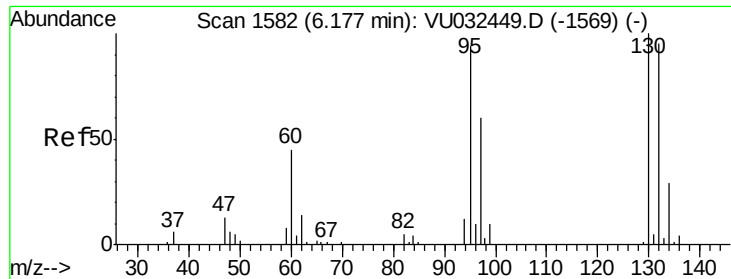
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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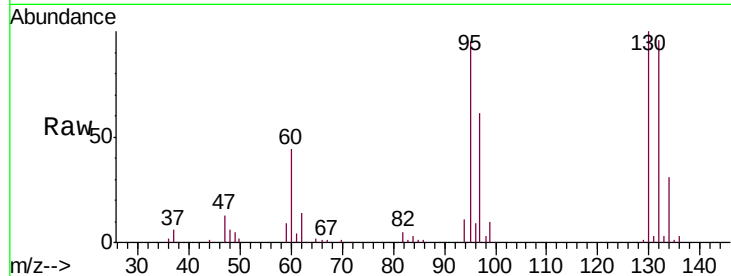




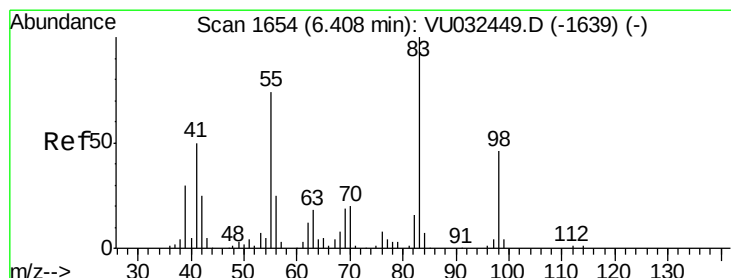
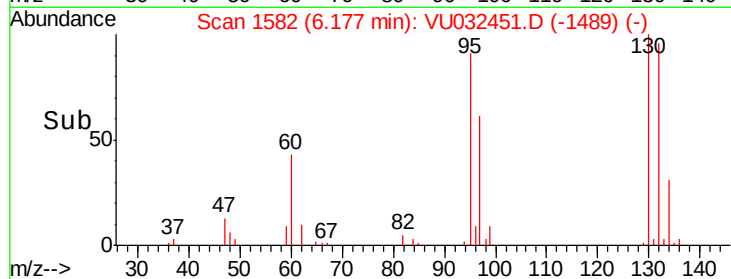
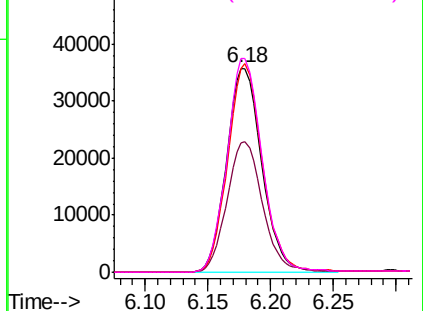
#34  
 Trichloroethene  
 Concen: 8.780 ug/L  
 RT: 6.18 min Scan# 1582  
 Delta R.T. -0.00 min  
 Lab File: VU032451.D  
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Tgt Ion: 95 Resp: 70205  
 Ion Ratio Lower Upper  
 95 100  
 97 63.6 44.1 81.9  
 132 100.2 68.8 127.8  
 130 104.8 71.0 131.8

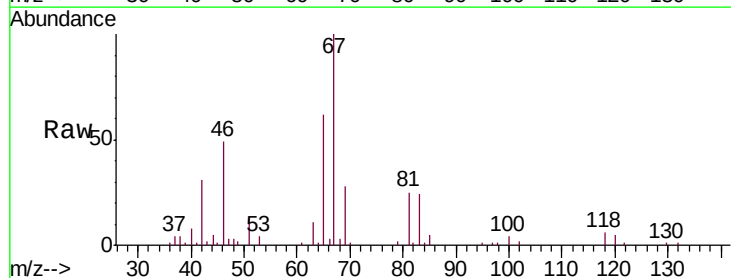


Abundance Ion 95.00 (94.70 to 95.70): VU0  
 Ion 96.95 (96.65 to 97.65): VU0  
 Ion 131.95 (131.65 to 132.65): V  
 Ion 129.95 (129.65 to 130.65): V

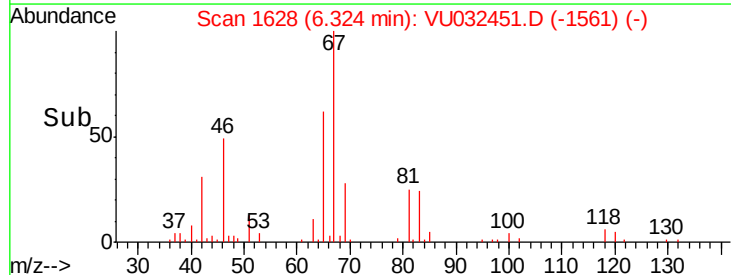
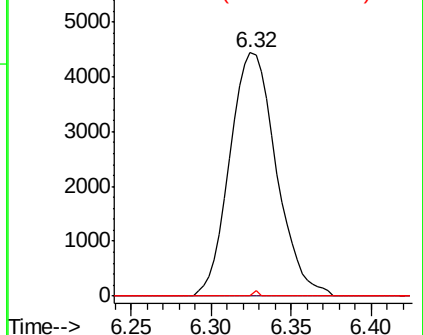


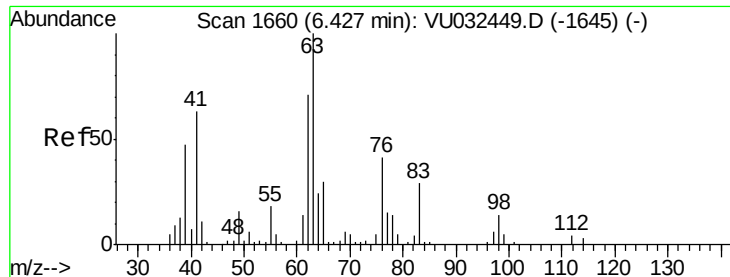
#35  
 Methylcyclohexane  
 Concen: 0.686 ug/L  
 RT: 6.32 min Scan# 1628  
 Delta R.T. -0.08 min  
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Tgt Ion: 83 Resp: 8824  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 60.0 90.0#  
 98 0.0 37.8 56.8#



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

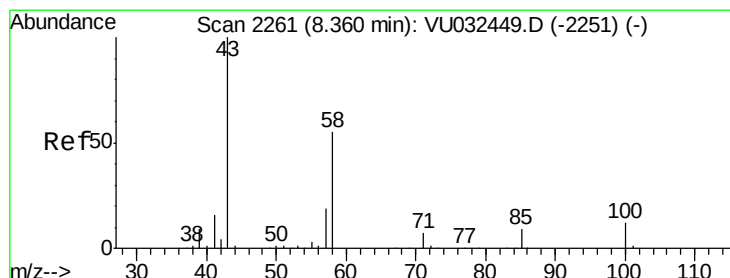
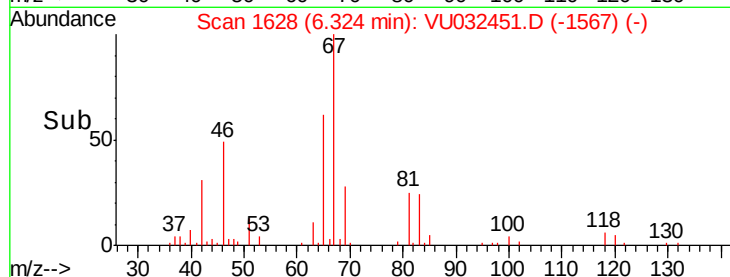
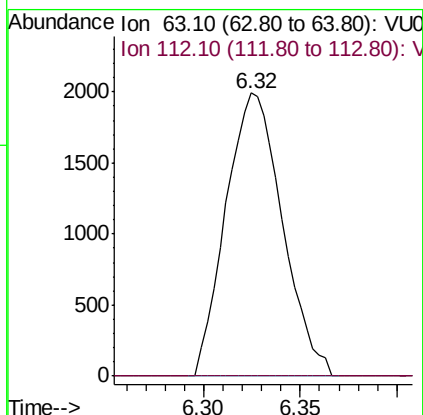
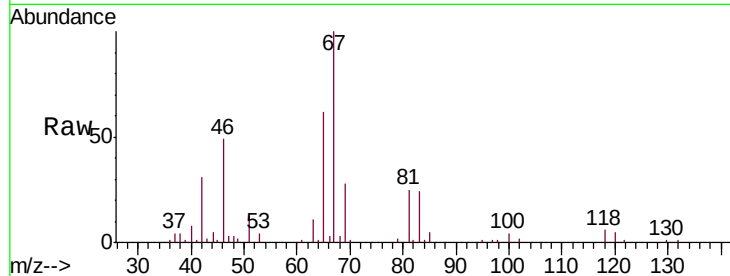




#37  
 1,2-Dichloropropane  
 Concen: 0.562 ug/L  
 RT: 6.32 min Scan# 1628  
 Delta R.T. -0.10 min  
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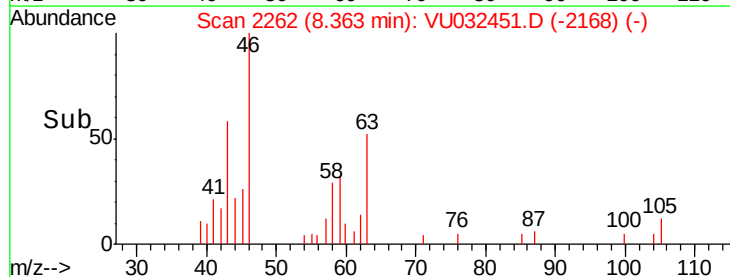
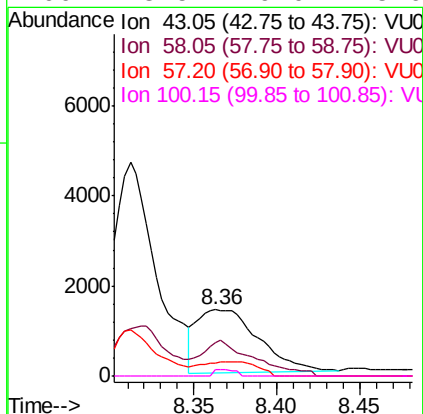
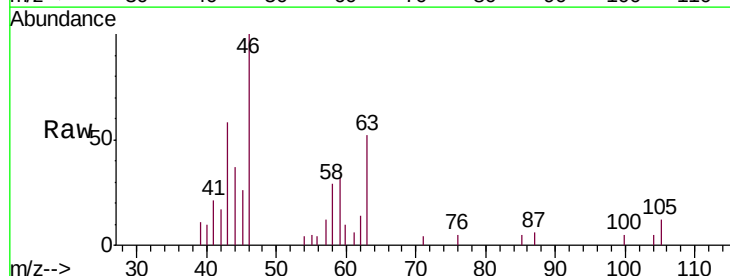
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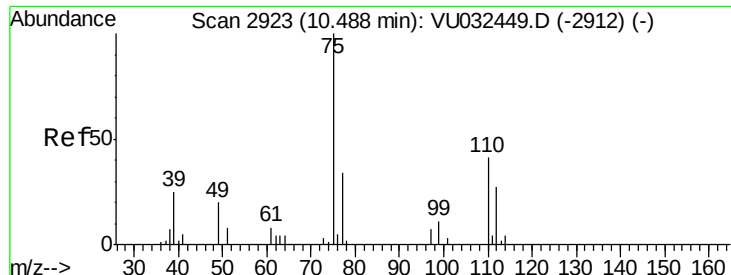
Tgt Ion: 63 Resp: 4043  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 2.9 4.3#



#48  
 2-Hexanone  
 Concen: 0.989 ug/L  
 RT: 8.36 min Scan# 2262  
 Delta R.T. 0.00 min  
 Lab File: VU032451.D  
 Acq: 05 Jun 2019 10:02

Tgt Ion: 43 Resp: 3616  
 Ion Ratio Lower Upper  
 43 100  
 58 48.0 41.9 62.9  
 57 3.5 15.1 22.7#  
 100 3.5 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032451.D

Acq: 05 Jun 2019 10:02

Instrument :

MSVOA\_U

ClientSampleId :

GALE2DL

Tgt Ion: 75 Resp: 5467

Ion Ratio Lower Upper

75 100

77 38.7 25.3 37.9#

