

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\  
 Data File : VV006911.D  
 Acq On : 07 Aug 2018 21:43  
 Operator : SY/MD  
 Sample : J4336-02  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 08 07:10:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Aug 08 07:06:57 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 185379   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 175244   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 68356    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 54607    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 50313    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 80790    | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 20) 2-Butanone-d5              | 3.98   | 46    | 172805   | 48.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.44%  |
| 24) Chloroform-d               | 4.41   | 84    | 114675   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 65179    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 218104   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 78498    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60% |
| 41) Toluene-d8                 | 7.37   | 98    | 163139   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 23939    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.20%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 101926   | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.42%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 62468    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 55877    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

## Target Compounds

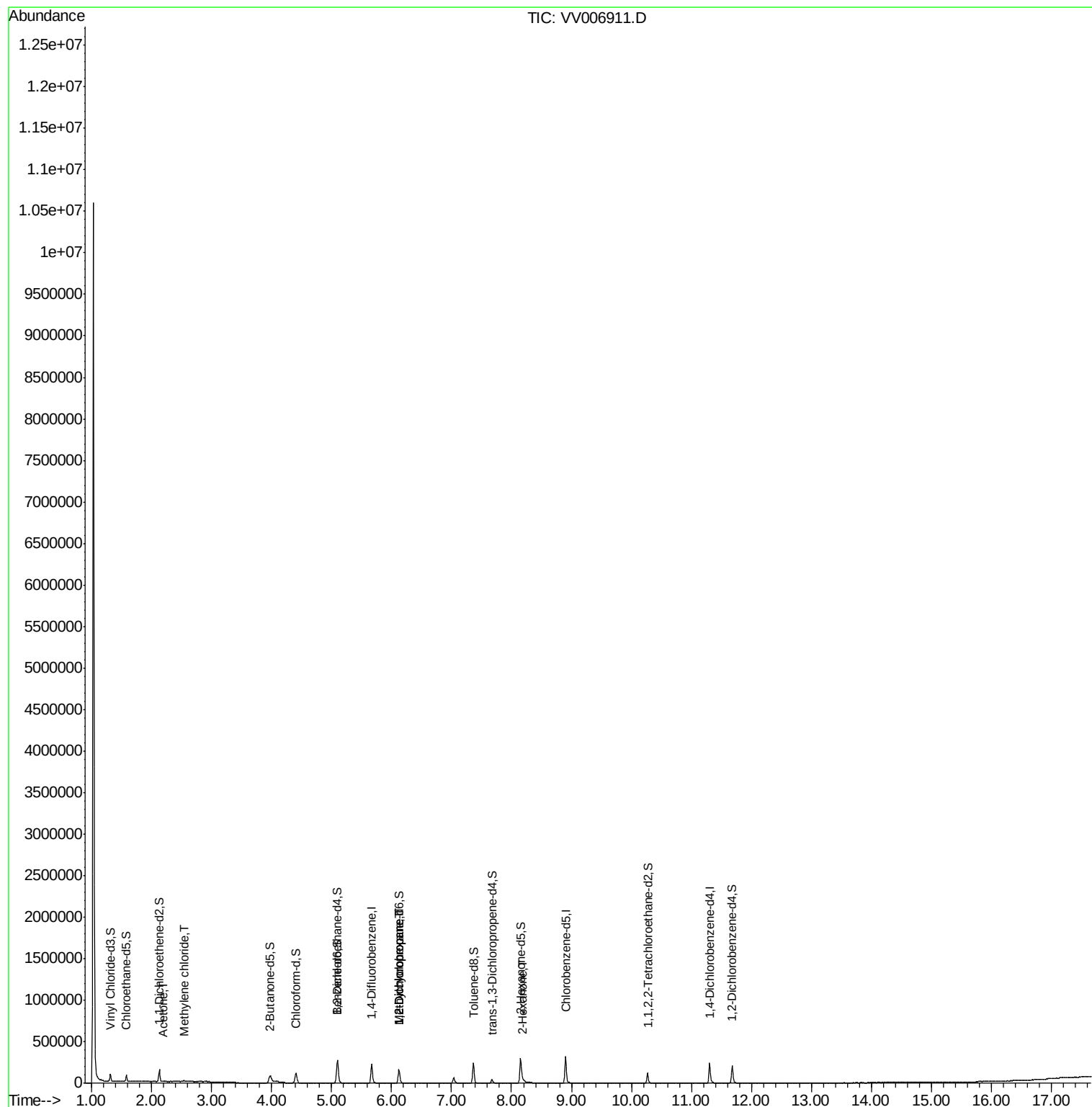
|                         |      |    |       |              | Ovalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.21 | 43 | 1300  | 0.562 ug/L   | 88     |
| 16) Methylene chloride  | 2.54 | 84 | 5104  | 0.320 ug/L   | 97     |
| 35) Methylcyclohexane   | 6.12 | 83 | 17694 | 0.906 ug/L # | 15     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 8317  | 0.554 ug/L # | 87     |
| 48) 2-Hexanone          | 8.20 | 43 | 8232  | 1.404 ug/L # | 83     |

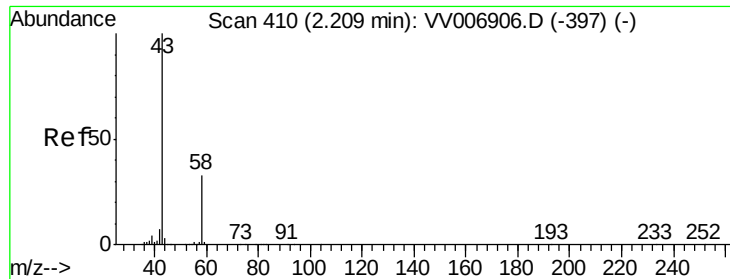
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.562 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006911.D

Acq: 07 Aug 2018 21:43

Instrument :

MSVOA\_V

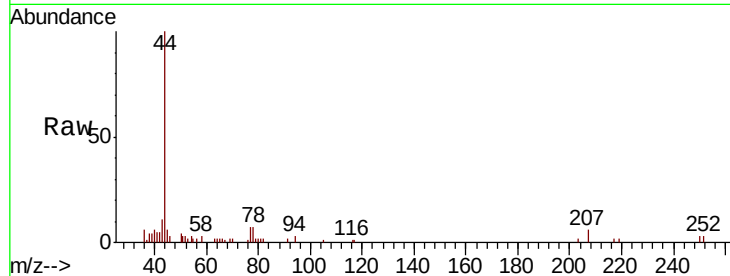
ClientSampled :

Tot Ion: 43 Resp: 1300

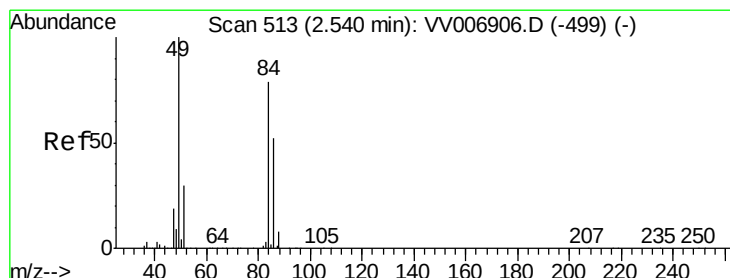
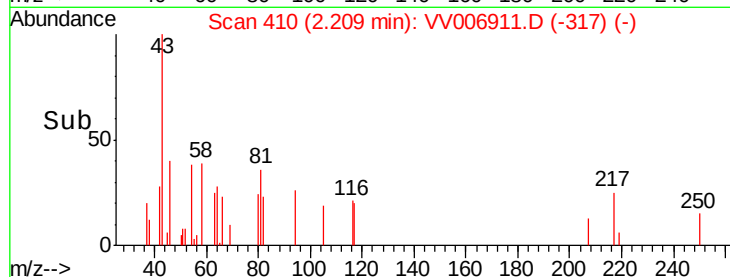
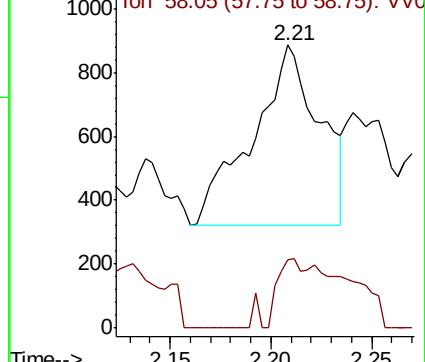
Ion Ratio Lower Upper

43 100

58 40.8 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV006906.D (-397) (-)



#16

Methylene chloride

Concen: 0.320 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV006911.D

Acq: 07 Aug 2018 21:43

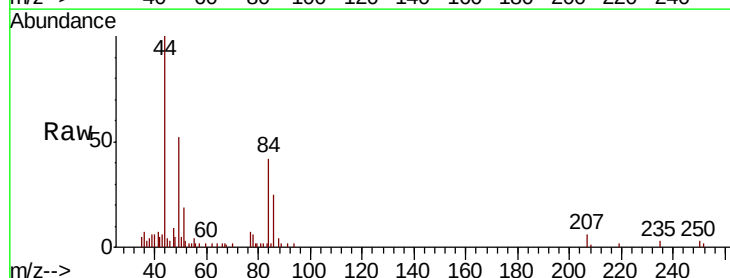
Tgt Ion: 84 Resp: 5104

Ion Ratio Lower Upper

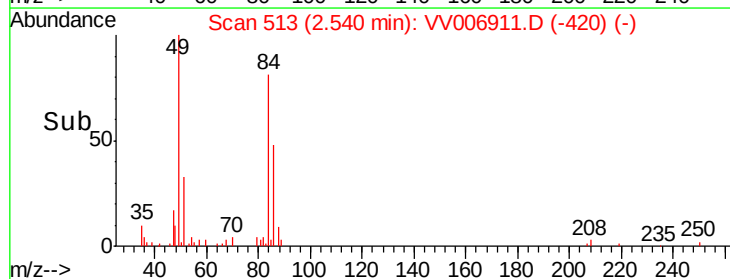
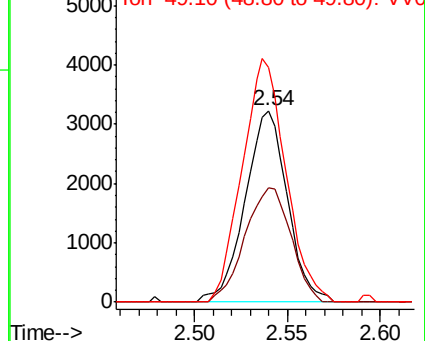
84 100

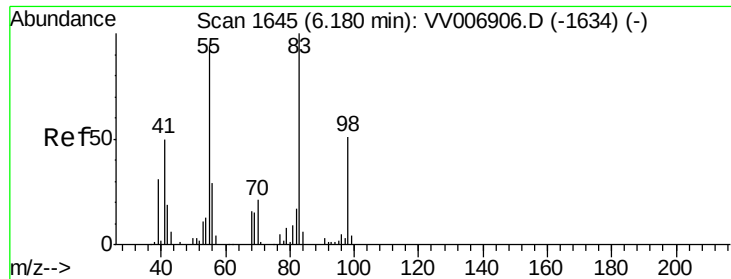
86 59.4 43.6 81.0

49 122.7 88.6 164.6



Abundance Ion 84.05 (83.75 to 84.75): VV006906.D (-499) (-)

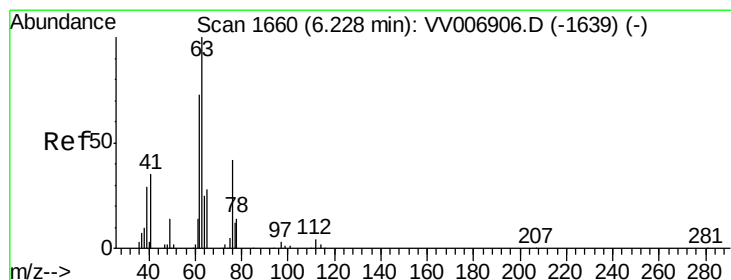
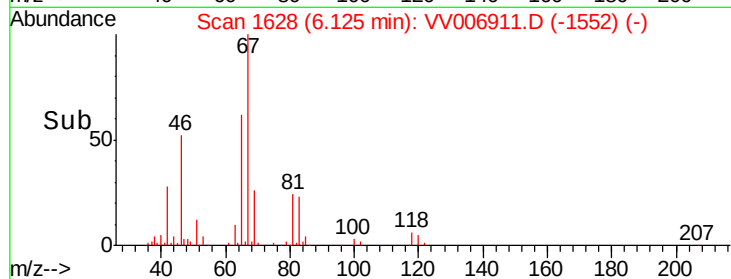
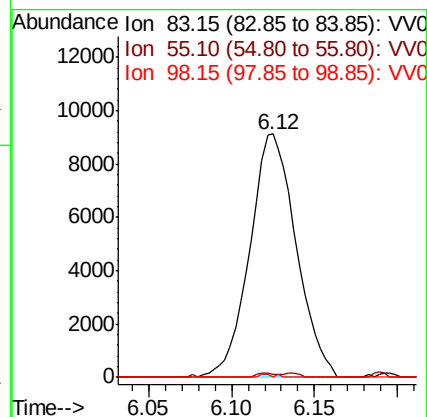
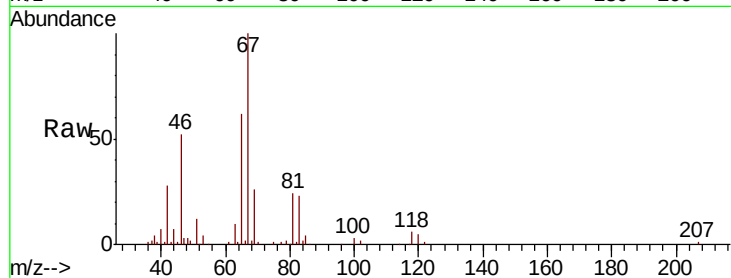




#35  
Methylvlcyclohexane  
Concen: 0.906 ug/L  
RT: 6.12 min Scan# 1628  
Delta R.T. -0.05 min  
Lab File: VV006911.D  
Acq: 07 Aug 2018 21:43

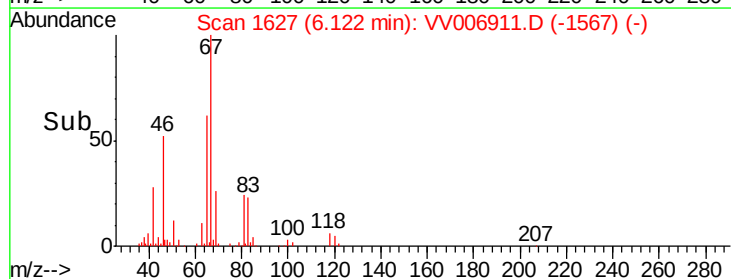
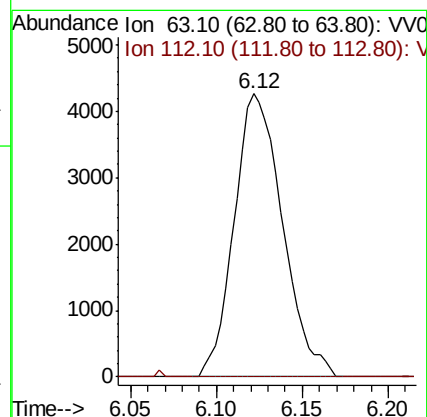
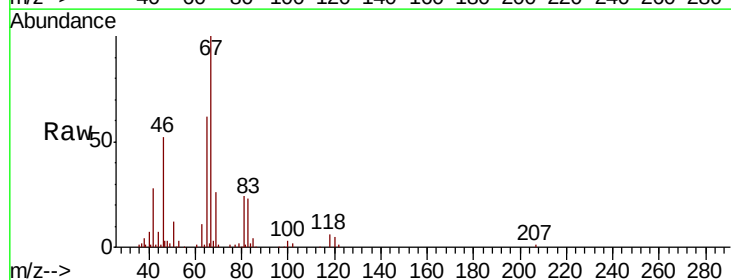
Instrument :  
MSVOA\_V  
ClientSampleId :

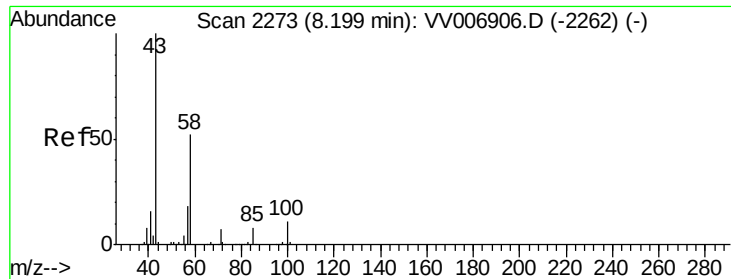
Tot Ion: 83 Resp: 17694  
Ion Ratio Lower Upper  
83 100  
55 0.6 69.8 104.8#  
98 0.4 36.4 54.6#



#37  
1,2-Dichloropropane  
Concen: 0.554 ug/L  
RT: 6.12 min Scan# 1627  
Delta R.T. -0.11 min  
Lab File: VV006911.D  
Acq: 07 Aug 2018 21:43

Tgt Ion: 63 Resp: 8317  
Ion Ratio Lower Upper  
63 100  
112 0.2 3.5 5.3#





#48  
 2-Hexanone  
 Concen: 1.404 ug/L  
 RT: 8.20 min Scan# 2273  
 Delta R.T. -0.00 min  
 Lab File: VV006911.D  
 Acq: 07 Aug 2018 21:43

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tot Ion: 43 Resp: 8232  
 Ion Ratio Lower Upper  
 43 100  
 58 57.9 42.0 63.0  
 57 0.0 14.1 21.1#  
 100 0.7 8.1 12.1#

