

Data File : VV012811.D  
Acq On : 15 Sep 2019 21:55  
Operator : SY/MD  
Sample : K4865-05  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
COMK6

Quant Time: Sep 16 08:18:54 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Sep 16 08:14:10 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 401048   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 398420   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 138712   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

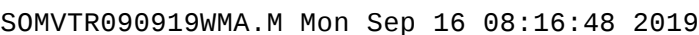
|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 203332   | 7.48     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 149.60%# |
| 7) Chloroethane-d5             | 1.58   | 69    | 171362   | 7.62     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 152.40%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 256434   | 5.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 116.80%  |
| 20) 2-Butanone-d5              | 3.98   | 46    | 395917   | 60.48    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.96%  |
| 24) Chloroform-d               | 4.40   | 84    | 331465   | 6.70     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 134.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 170615   | 7.21     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 144.20%# |
| 32) Benzene-d6                 | 5.09   | 84    | 685240   | 7.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 144.00%# |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 211311   | 6.99     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 139.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 551062   | 6.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 129.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 63439    | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 122.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 199577   | 50.72    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.44%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 114838   | 5.29     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 176161   | 7.42     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 148.40%# |

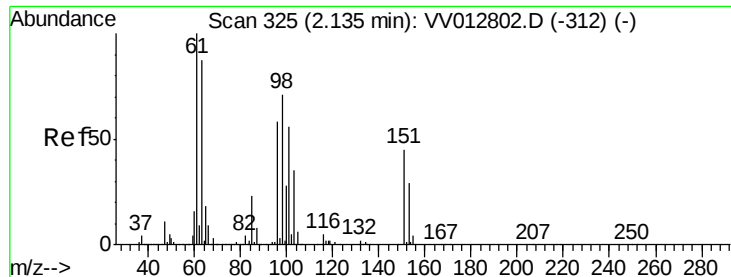
#### Target Compounds

|                                |      |     |       |       | Qvalue |    |
|--------------------------------|------|-----|-------|-------|--------|----|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 2663  | 0.102 | ug/L # | 20 |
| 25) Chloroform                 | 4.42 | 83  | 5898  | 0.102 | ug/L   | 86 |
| 35) Methylcyclohexane          | 6.12 | 83  | 50165 | 1.103 | ug/L # | 18 |
| 37) 1,2-Dichloropropane        | 6.12 | 63  | 22662 | 0.781 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene    | 7.03 | 75  | 4676  | 0.123 | ug/L # | 71 |
| 44) trans-1,3-Dichloropropene  | 7.66 | 75  | 3028  | 0.106 | ug/L   | 88 |
| 48) 2-Hexanone                 | 8.19 | 43  | 72802 | 6.328 | ug/L # | 85 |

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.102 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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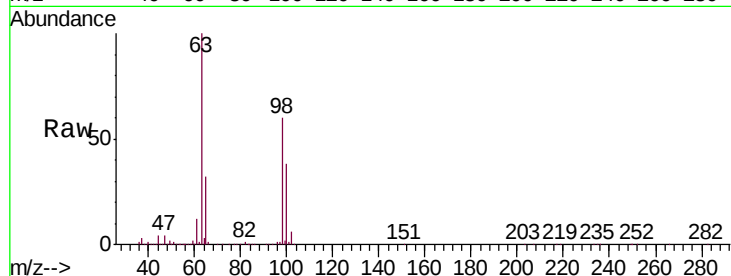
Tgt Ion:101 Resp: 2663

Ion Ratio Lower Upper

101 100

85 2.7 33.0 49.6#

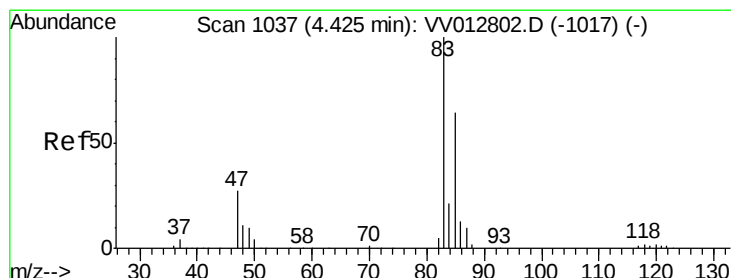
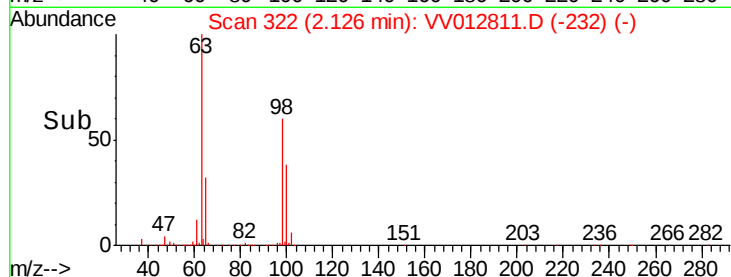
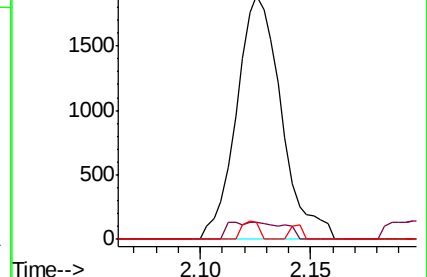
151 2.8 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.102 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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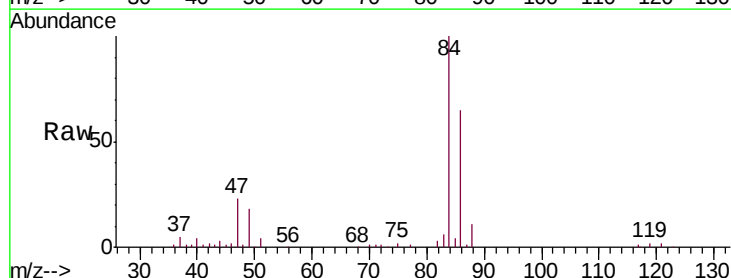
Acq: 15 Sep 2019 21:55

Tgt Ion: 83 Resp: 5898

Ion Ratio Lower Upper

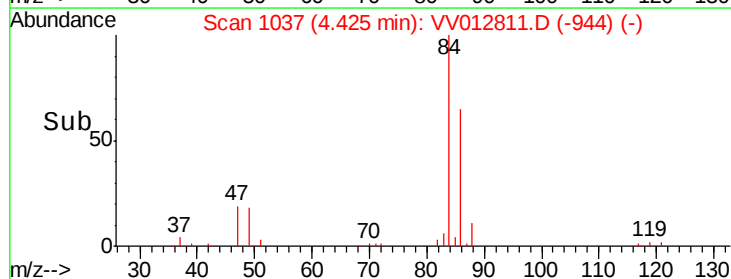
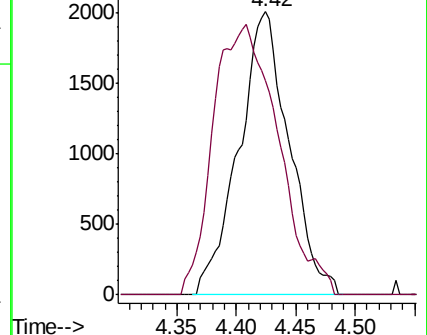
83 100

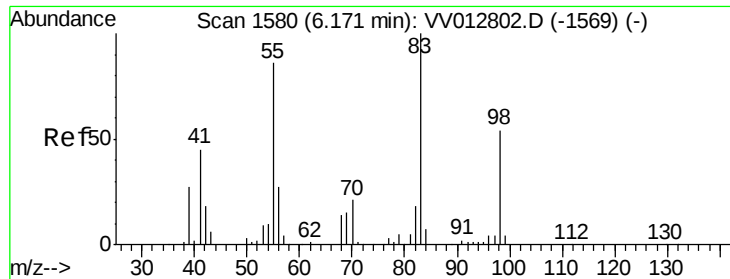
85 75.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 1.103 ug/L

RT: 6.12 min Scan# 1563

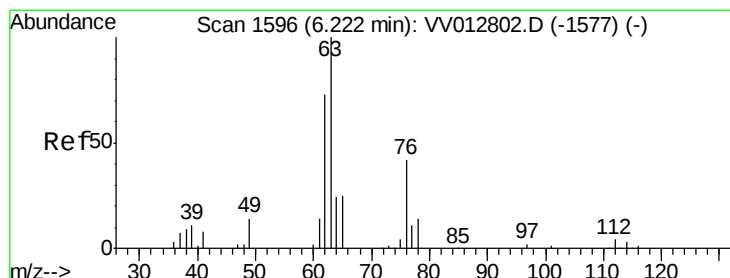
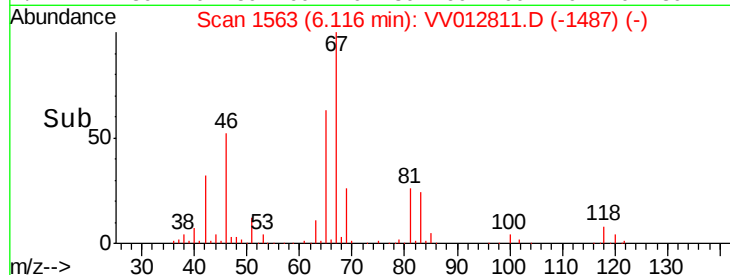
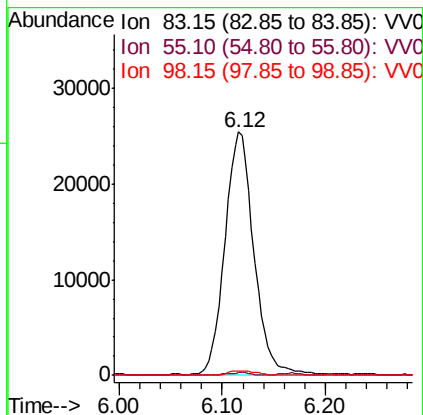
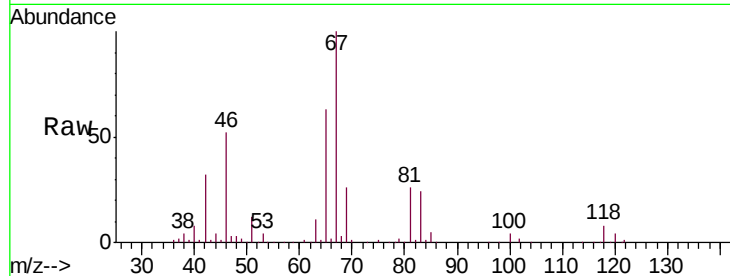
Delta R.T. -0.05 min

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 50165 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.8   | 63.0  | 94.4# |
| 98       | 1.8   | 39.8  | 59.8# |



#37

1,2-Dichloropropane

Concen: 0.781 ug/L

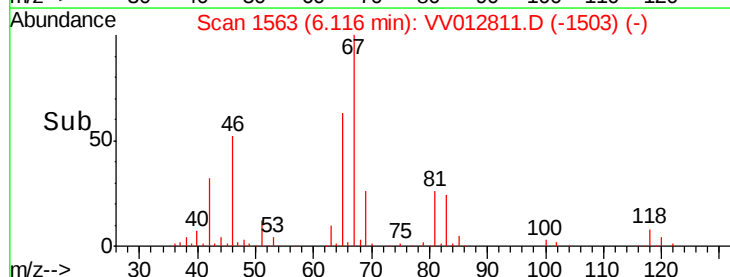
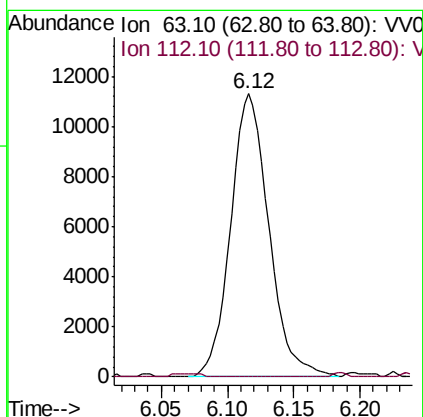
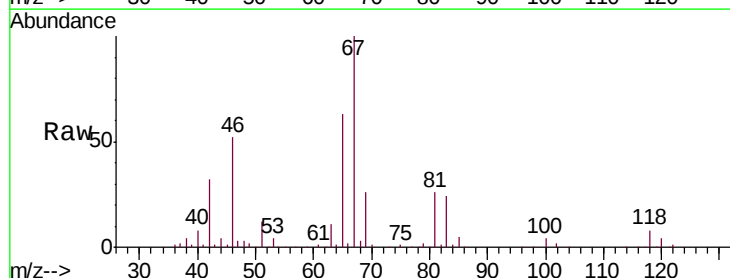
RT: 6.12 min Scan# 1563

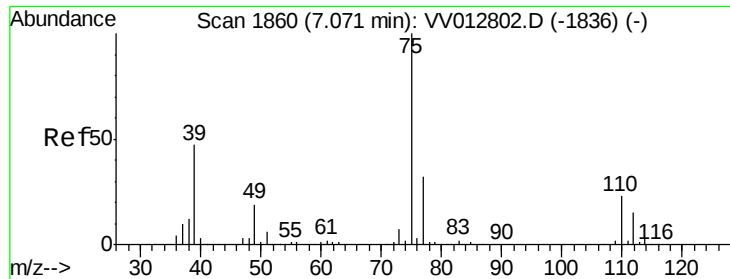
Delta R.T. -0.11 min

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 22662 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.3   | 3.8   | 5.6#  |

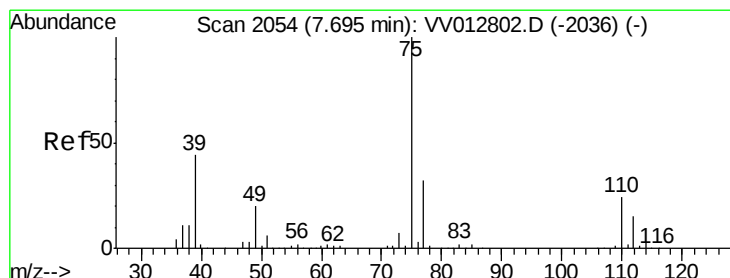
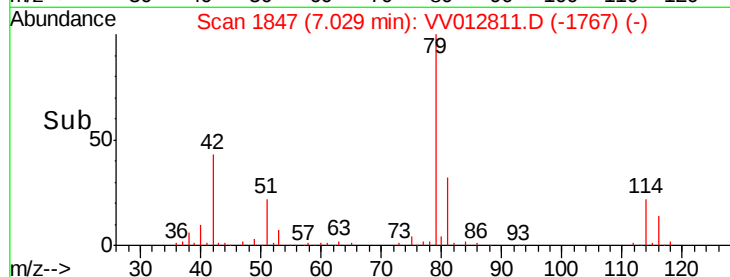
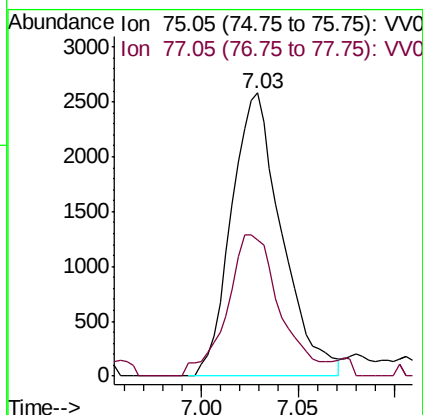
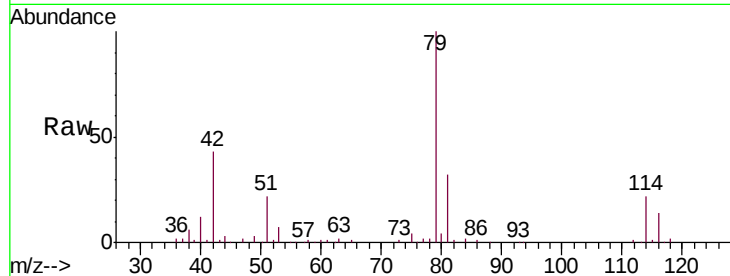




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.123 ug/L  
 RT: 7.03 min Scan# 1847  
 Delta R.T. -0.04 min  
 Lab File: VV012811.D  
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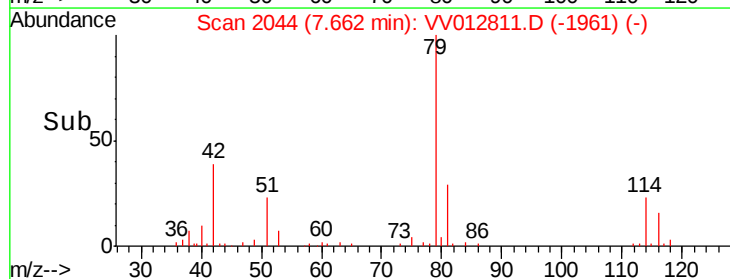
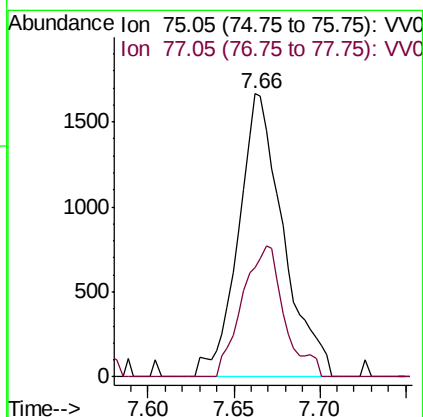
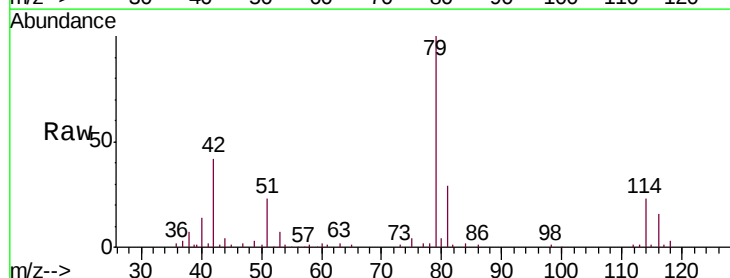
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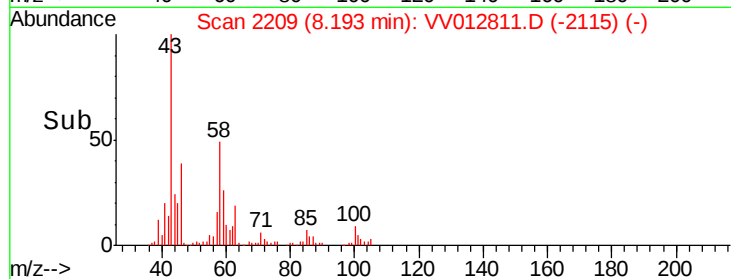
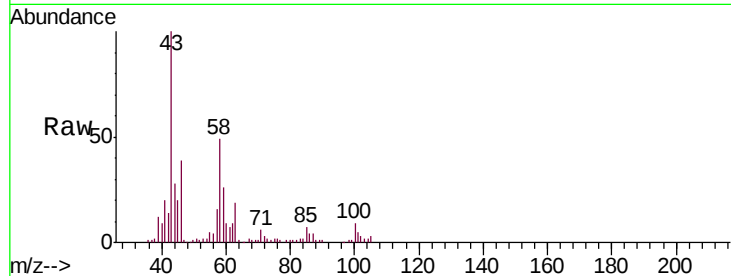
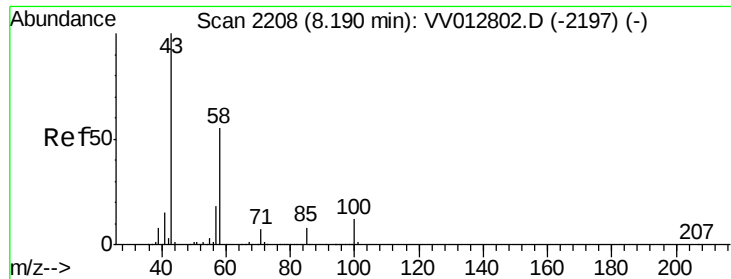
Tgt Ion: 75 Resp: 4676  
 Ion Ratio Lower Upper  
 75 100  
 77 48.1 22.3 41.3#



#44  
 trans-1,3-Dichloropropene  
 Concen: 0.106 ug/L  
 RT: 7.66 min Scan# 2044  
 Delta R.T. -0.03 min  
 Lab File: VV012811.D  
 Acq: 15 Sep 2019 21:55

Tgt Ion: 75 Resp: 3028  
 Ion Ratio Lower Upper  
 75 100  
 77 38.8 22.4 41.6





#48

2-Hexanone

Concen: 6.328 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV012811.D

Acq: 15 Sep 2019 21:55

Instrument :

MSVOA\_V

ClientSampleId :

COMK6

Tgt Ion: 43 Resp: 72802

Ion Ratio Lower Upper

43 100

58 42.4 44.8 67.2#

57 16.2 14.9 22.3

100 7.3 9.8 14.8#

