

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\  
 Data File : VV015605.D  
 Acq On : 21 Apr 2020 17:03  
 Operator : SY/MD  
 Sample : L2366-10  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 22 00:15:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR040920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Apr 22 00:11:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 135356   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 129906   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 63407    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 34401    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 32288    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 52622    | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.20%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 109975   | 55.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 111.54% |
| 24) Chloroform-d               | 4.38   | 84    | 75937    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 44722    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.60% |
| 32) Benzene-d6                 | 5.08   | 84    | 147593   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 47692    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 135609   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.60%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 14095    | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 72.20%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 89251    | 47.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 33312    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 51820    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.80% |

## Target Compounds

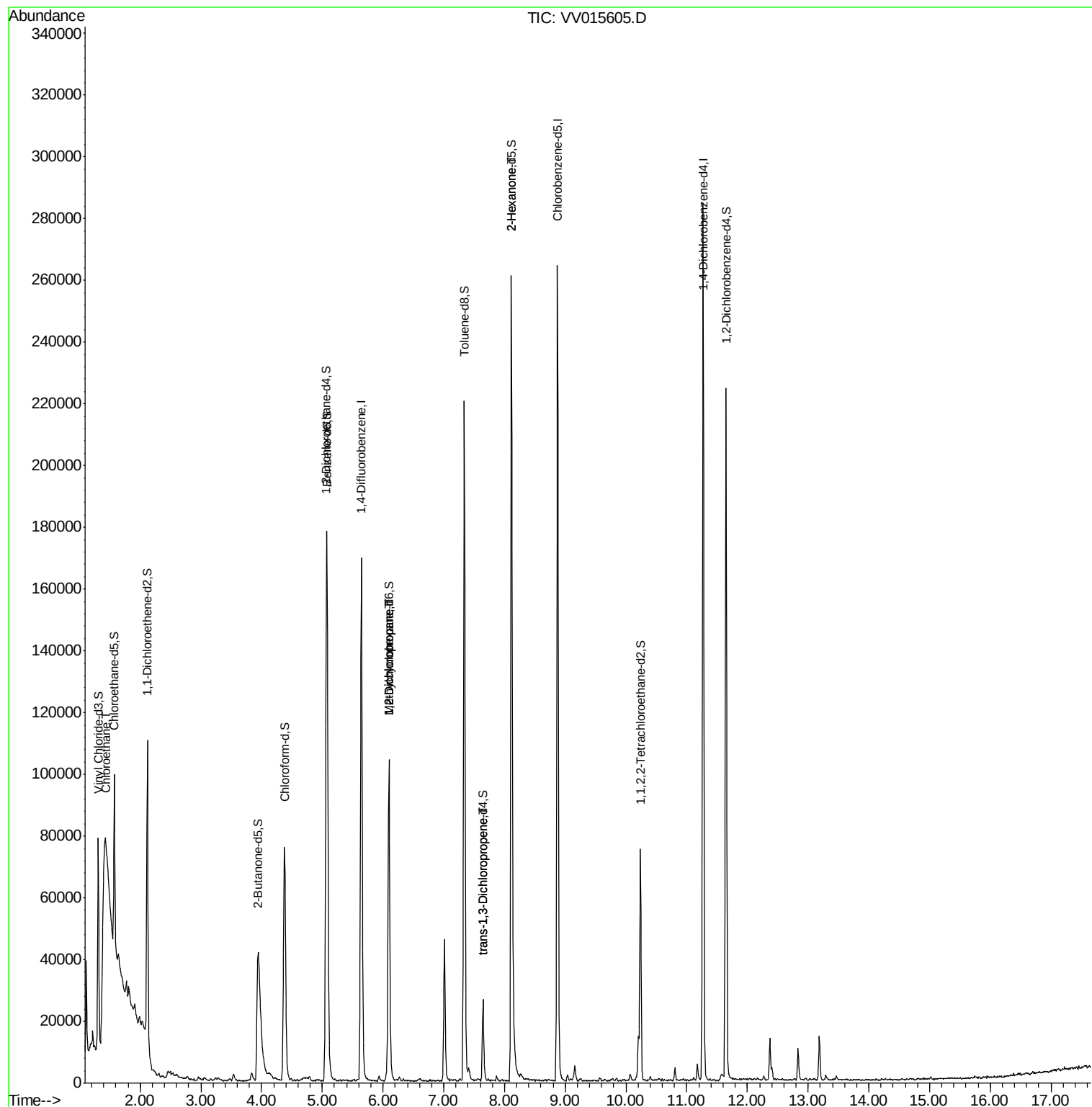
|                               |      |    |        |        | Ovalue    |
|-------------------------------|------|----|--------|--------|-----------|
| 8) Chloroethane               | 1.43 | 64 | 410797 | 57.656 | ug/L # 51 |
| 35) Methylcyclohexane         | 6.10 | 83 | 11511  | 0.653  | ug/L # 16 |
| 37) 1,2-Dichloropropane       | 6.09 | 63 | 5701   | 0.591  | ug/L # 86 |
| 44) trans-1,3-Dichloropropene | 7.65 | 75 | 797    | 0.064  | ug/L # 70 |
| 48) 2-Hexanone                | 8.11 | 43 | 14112  | 3.190  | ug/L # 72 |

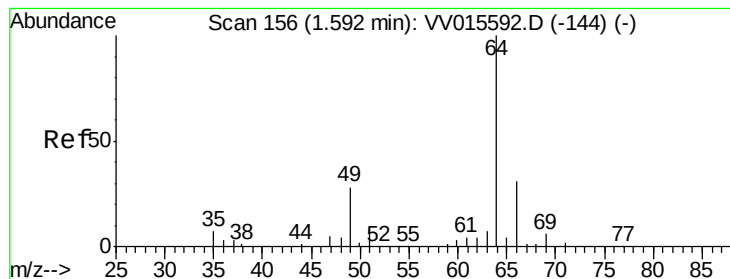
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 57.656 ug/L

RT: 1.43 min Scan# 106

Delta R.T. -0.16 min

Lab File: VV015605.D

Acq: 21 Apr 2020 17:03

Instrument :

MSVOA\_V

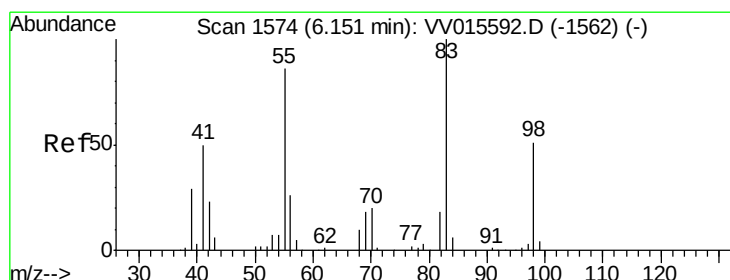
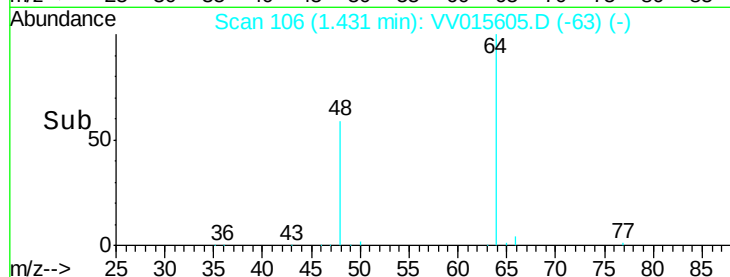
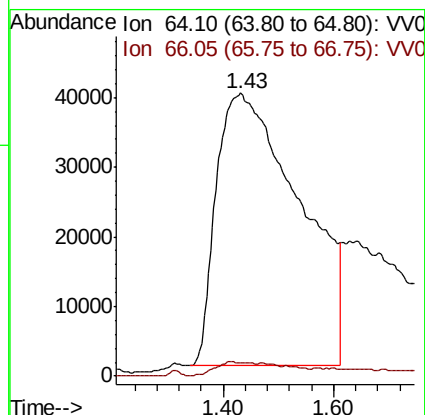
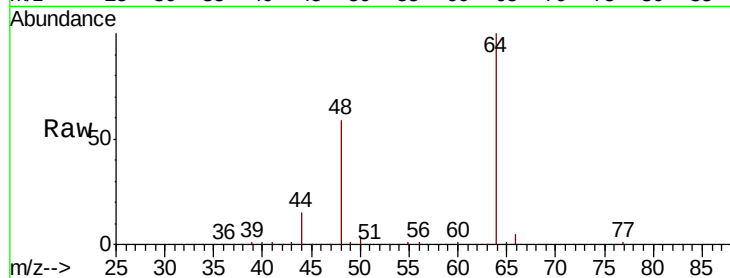
ClientSampleId :

Tot Ion: 64 Resp: 410797

Ion Ratio Lower Upper

64 100

66 4.7 22.3 41.5#



#35

Methylcyclohexane

Concen: 0.653 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015605.D

Acq: 21 Apr 2020 17:03

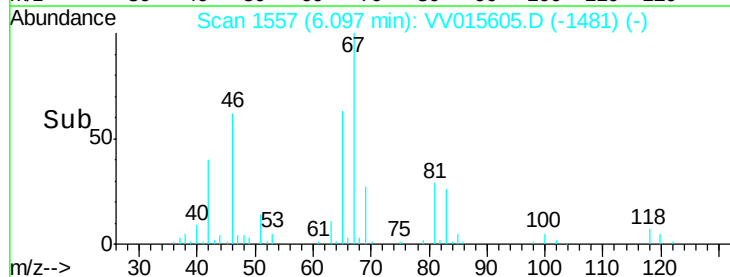
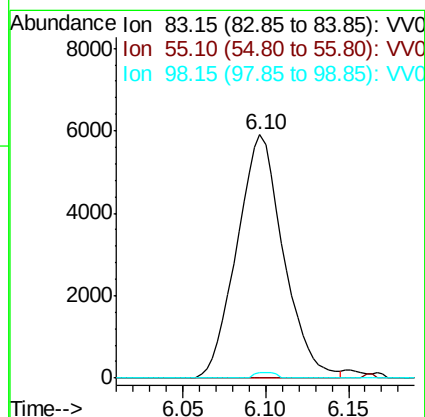
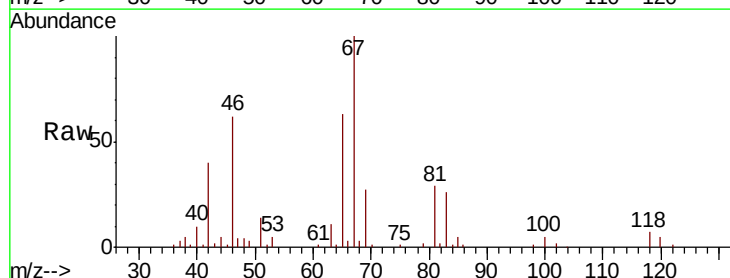
Tgt Ion: 83 Resp: 11511

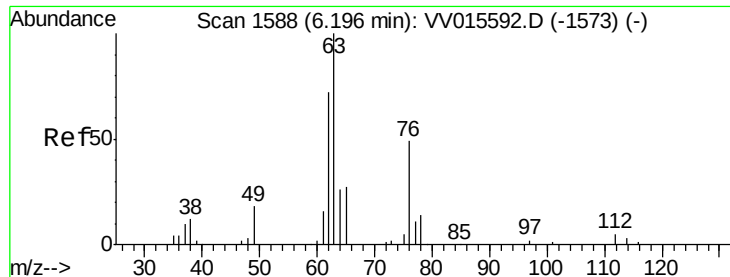
Ion Ratio Lower Upper

83 100

55 0.4 66.6 99.8#

98 1.1 38.7 58.1#

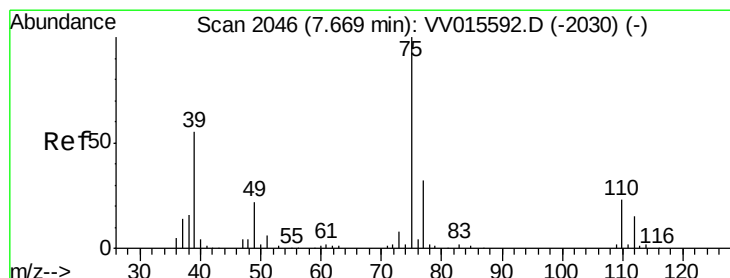
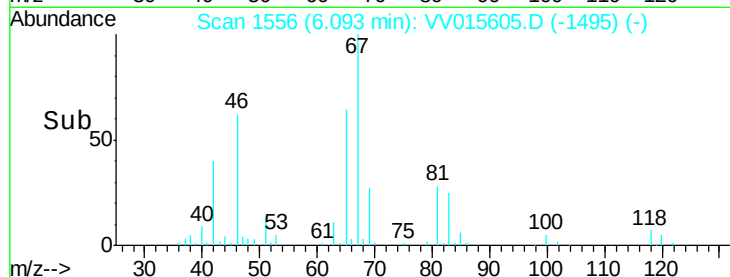
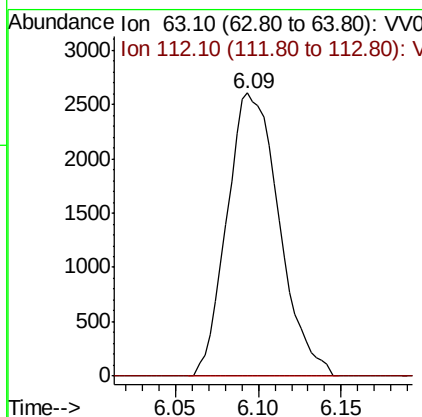
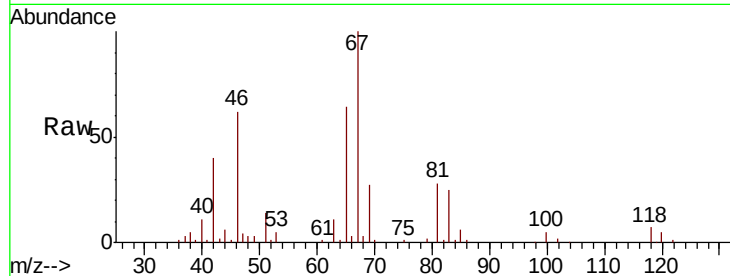




#37  
 1,2-Dichloropropane  
 Concen: 0.591 ug/L  
 RT: 6.09 min Scan# 1556  
 Delta R.T. -0.10 min  
 Lab File: VV015605.D  
 Acq: 21 Apr 2020 17:03

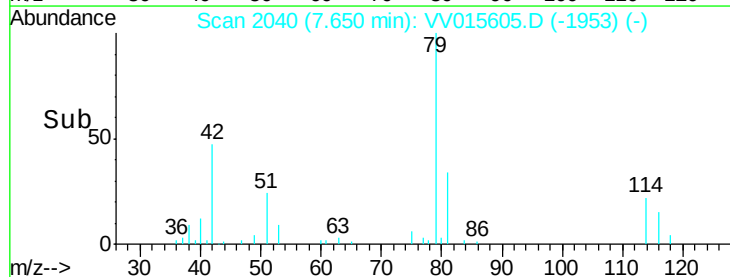
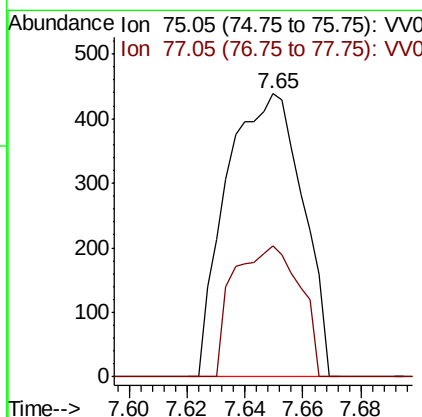
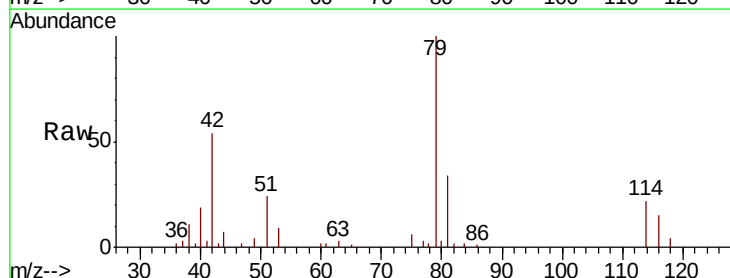
Instrument :  
 MSVOA\_V  
 ClientSampled :

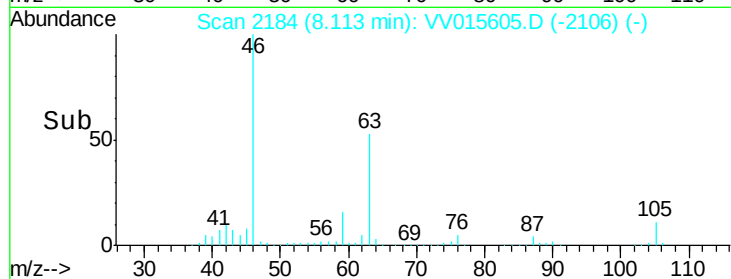
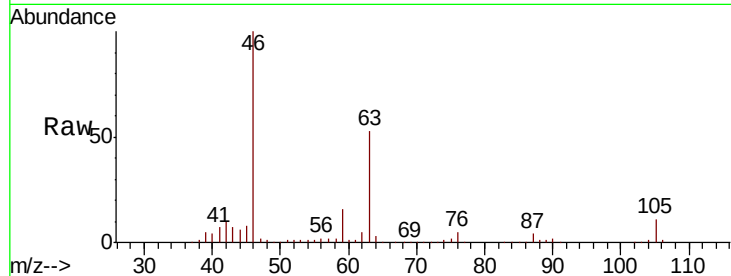
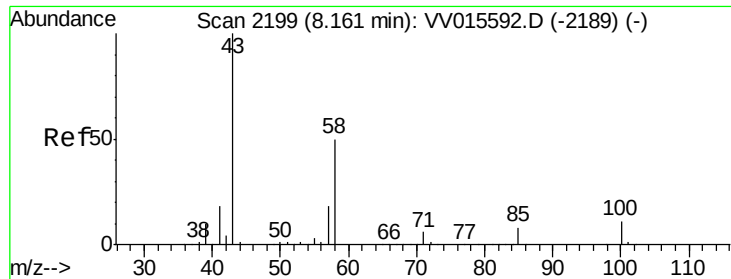
Tot Ion: 63 Resp: 5701  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.6 5.4#



#44  
 trans-1,3-Dichloropropene  
 Concen: 0.064 ug/L  
 RT: 7.65 min Scan# 2040  
 Delta R.T. -0.02 min  
 Lab File: VV015605.D  
 Acq: 21 Apr 2020 17:03

Tgt Ion: 75 Resp: 797  
 Ion Ratio Lower Upper  
 75 100  
 77 46.3 21.0 39.0#





#48

2-Hexanone

Concen: 3.190 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015605.D

Acq: 21 Apr 2020 17:03

Instrument :  
MSVOA\_V  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 14112 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 26.5  | 41.4  | 62.0# |
| 57       | 21.4  | 15.0  | 22.4  |
| 100      | 0.0   | 9.4   | 14.2# |

