

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\  
 Data File : VV017810.D  
 Acq On : 06 Aug 2020 13:40  
 Operator : SY/MD  
 Sample : PB130761TB  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VLEB01

Quant Time: Aug 07 05:30:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM073020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 07 05:27:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 214863   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 216772   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 121593   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 42003    | 40.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.18%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 40952    | 45.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.56%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 86799    | 34.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.94%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 84970    | 107.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.85% |
| 24) Chloroform-d               | 4.37    | 84    | 136234   | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 107924   | 51.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.07    | 84    | 226892   | 44.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.48%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 60628    | 42.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 85.60%  |
| 41) Toluene-d8                 | 7.34    | 98    | 236889   | 47.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.22%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 43095    | 46.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.08%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 66293    | 108.89   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 108.89% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 94349    | 44.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.24%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 119878   | 50.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.46% |

## Target Compounds

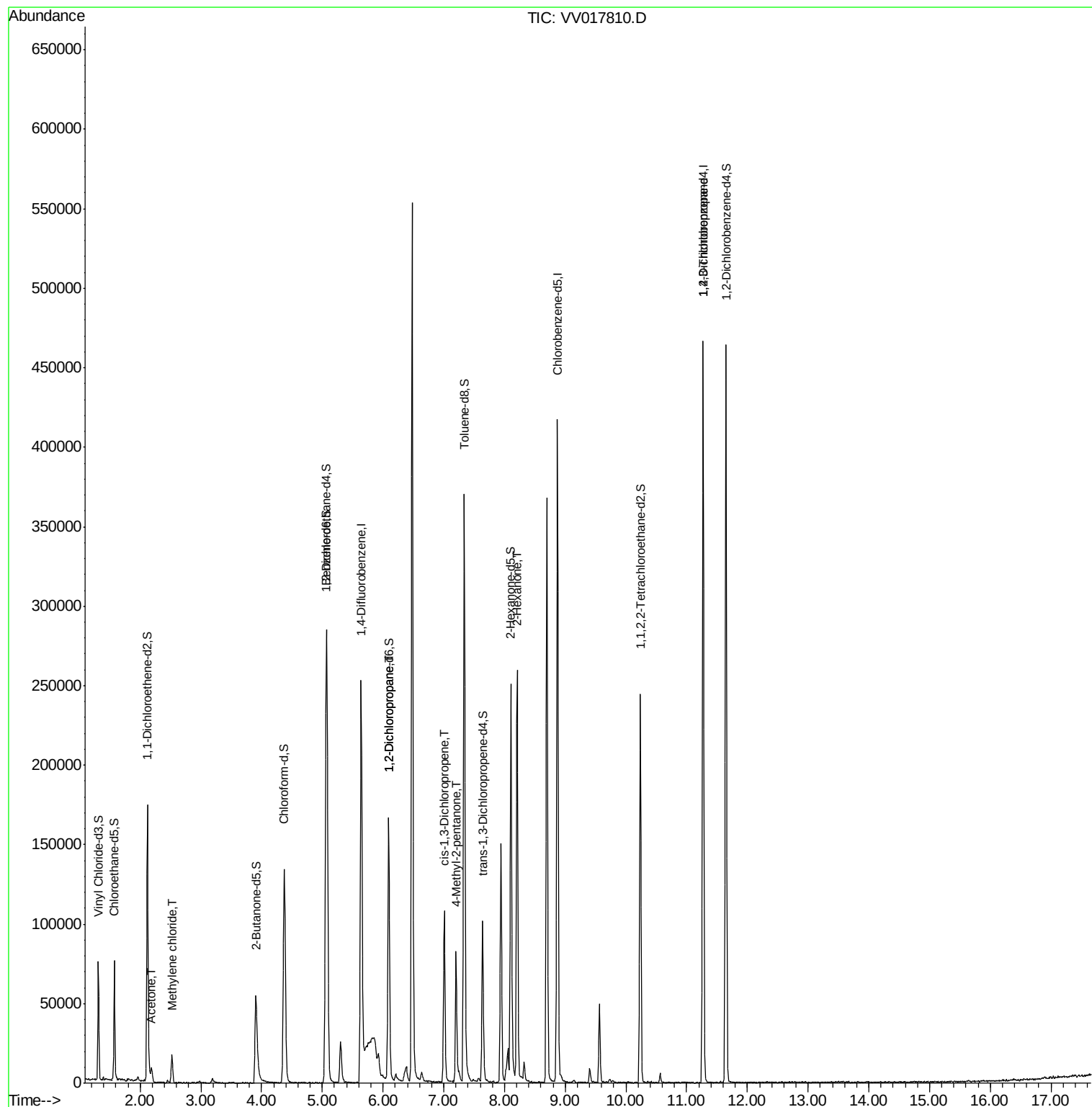
|                             |       |    |       |               | Ovalue |
|-----------------------------|-------|----|-------|---------------|--------|
| 13) Acetone                 | 2.19  | 43 | 9766  | 9.760 ug/L    | 97     |
| 16) Methylene chloride      | 2.52  | 84 | 7578  | 4.970 ug/L    | 89     |
| 37) 1,2-Dichloropropane     | 6.09  | 63 | 9701  | 7.199 ug/L #  | 83     |
| 39) cis-1,3-Dichloropropene | 7.01  | 75 | 3029  | 1.224 ug/L #  | 54     |
| 40) 4-Methyl-2-pentanone    | 7.20  | 43 | 29674 | 16.156 ug/L # | 49     |
| 48) 2-Hexanone              | 8.21  | 43 | 34385 | 23.011 ug/L # | 1      |
| 59) 1,2,3-Trichloropropane  | 11.27 | 75 | 10727 | 5.470 ug/L #  | 74     |

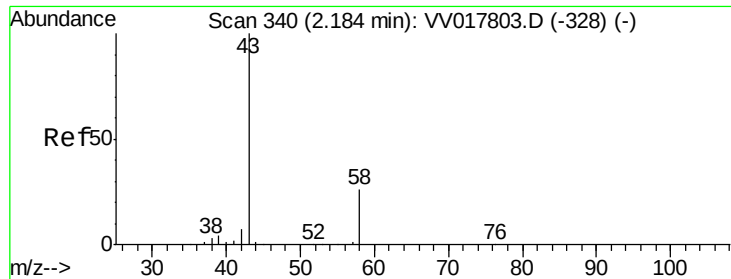
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV080620\  
Data File : VV017810.D  
Acq On : 06 Aug 2020 13:40  
Operator : SY/MD  
Sample : PB130761TB  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VLEB01

Quant Time: Aug 07 05:30:18 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM073020WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 07 05:27:52 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 9.760 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017810.D

Acq: 06 Aug 2020 13:40

Instrument :

MSVOA\_V

ClientSampleId :

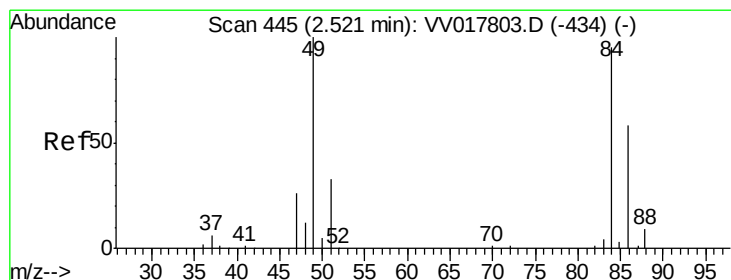
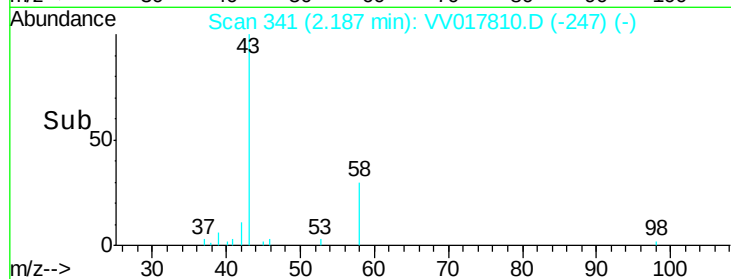
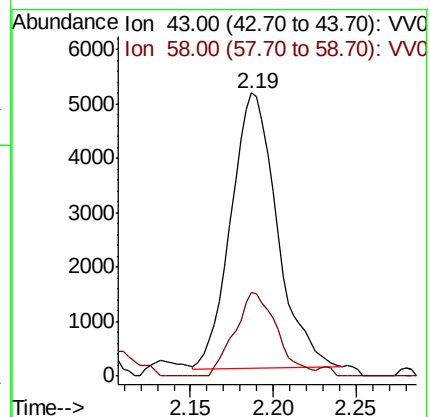
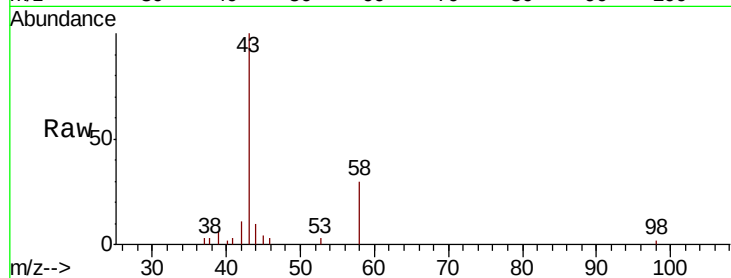
VLEB01

Tot Ion: 43 Resp: 9766

Ion Ratio Lower Upper

43 100

58 28.0 0.0 52.6



#16

Methylene chloride

Concen: 4.970 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017810.D

Acq: 06 Aug 2020 13:40

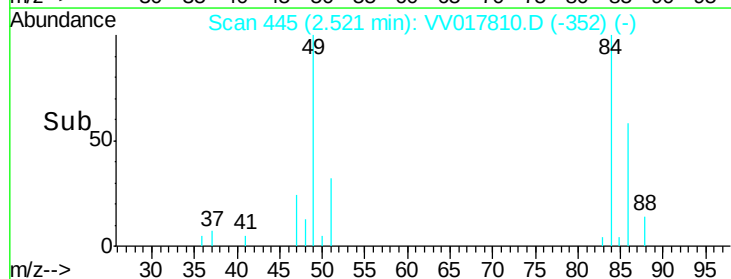
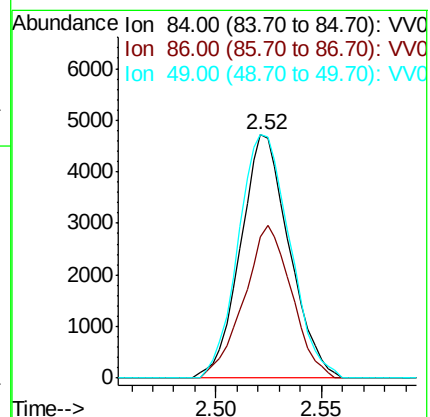
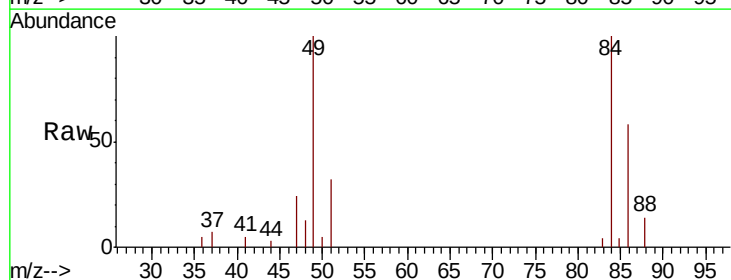
Tgt Ion: 84 Resp: 7578

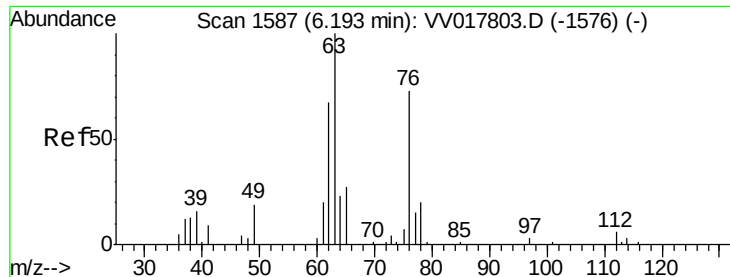
Ion Ratio Lower Upper

84 100

86 58.2 45.4 84.4

49 100.1 79.2 147.2

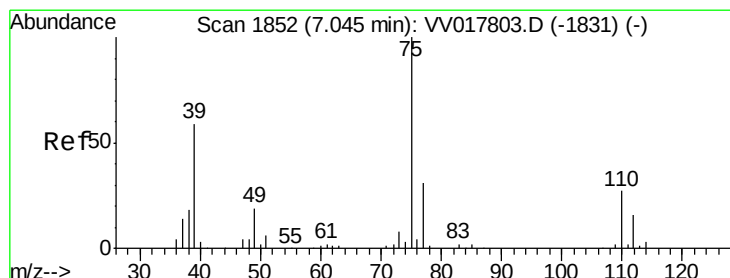
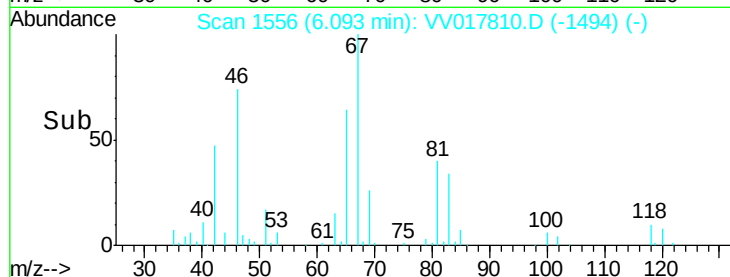
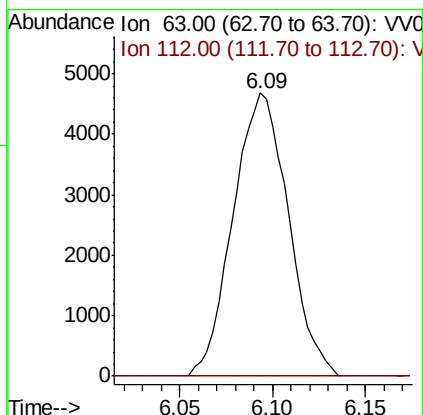
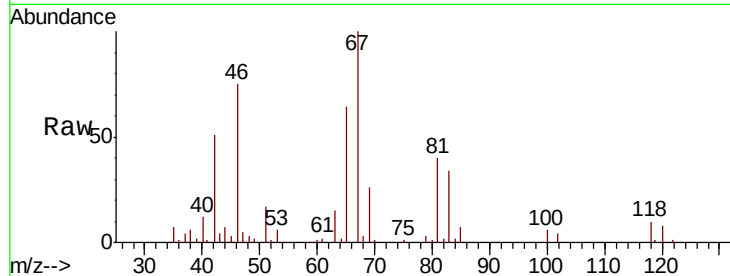




#37  
 1,2-Dichloropropane  
 Concen: 7.199 ug/L  
 RT: 6.09 min Scan# 1556  
 Delta R.T. -0.10 min  
 Lab File: VV017810.D  
 Acq: 06 Aug 2020 13:40

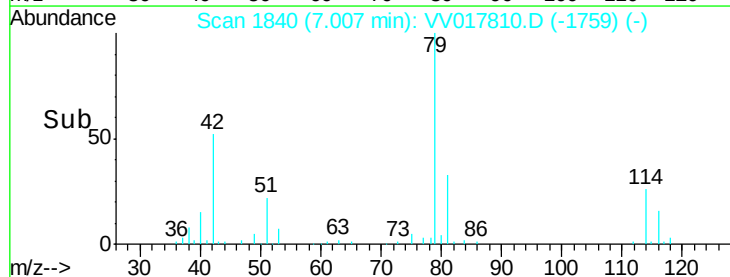
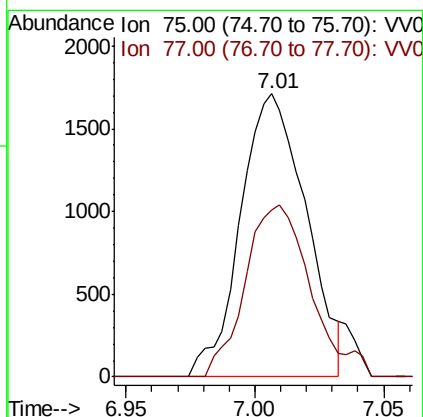
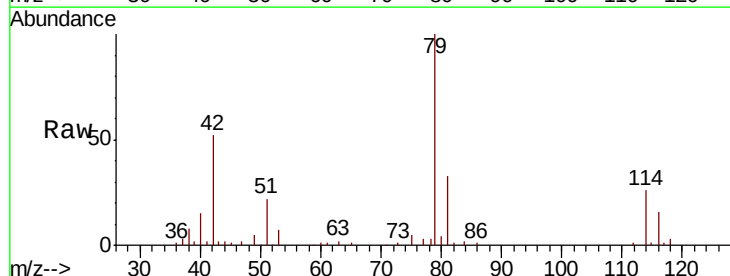
Instrument :  
 MSVOA\_V  
 ClientSampled :  
 VLEB01

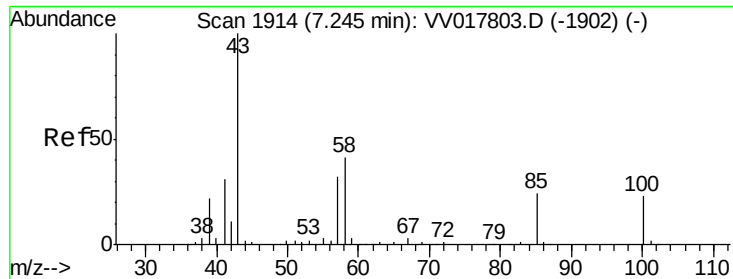
Tot Ion: 63 Resp: 9701  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 4.6 6.8#



#39  
 cis-1,3-Dichloropropene  
 Concen: 1.224 ug/L  
 RT: 7.01 min Scan# 1840  
 Delta R.T. -0.04 min  
 Lab File: VV017810.D  
 Acq: 06 Aug 2020 13:40

Tgt Ion: 75 Resp: 3029  
 Ion Ratio Lower Upper  
 75 100  
 77 59.1 23.2 43.0#

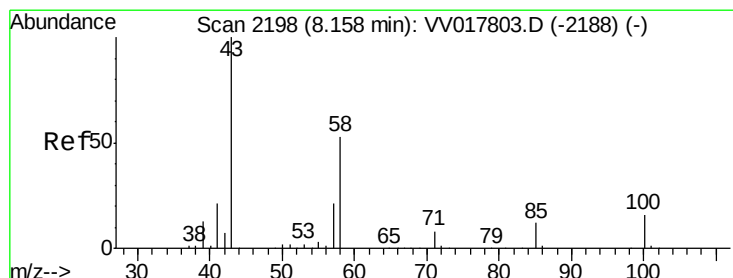
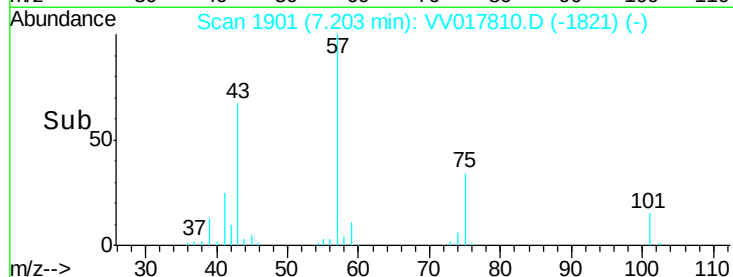
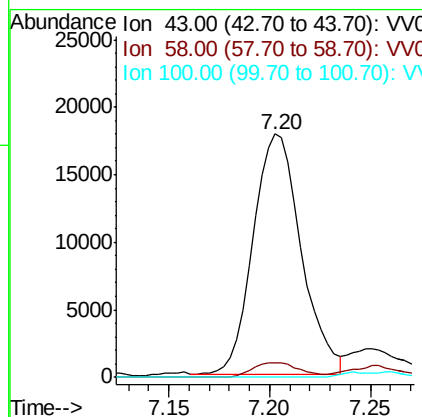
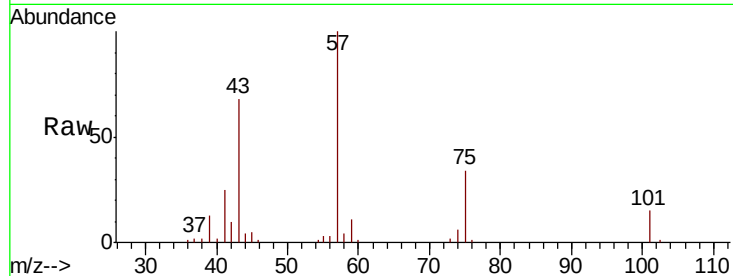




#40  
4-Methyl-2-pentanone  
Concen: 16.156 ug/L  
RT: 7.20 min Scan# 1901  
Delta R.T. -0.04 min  
Lab File: VV017810.D  
Acq: 06 Aug 2020 13:40

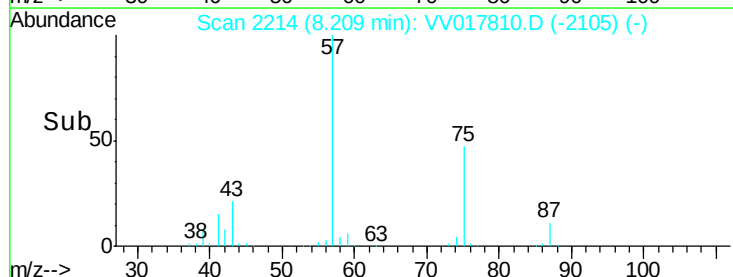
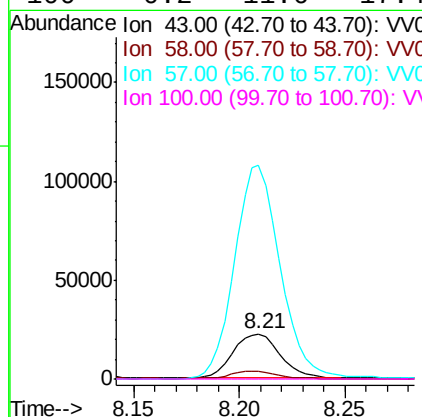
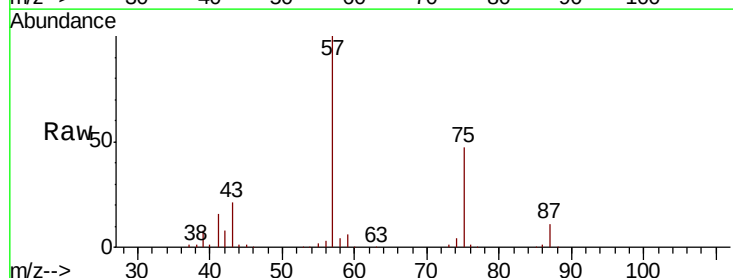
Instrument :  
MSVOA\_V  
ClientSampleId :  
VLEB01

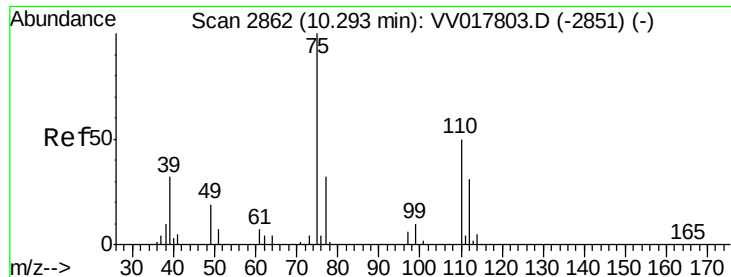
Tot Ion: 43 Resp: 29674  
Ion Ratio Lower Upper  
43 100  
58 6.0 32.4 48.6#  
100 0.0 14.9 22.3#



#48  
2-Hexanone  
Concen: 23.011 ug/L  
RT: 8.21 min Scan# 2214  
Delta R.T. 0.05 min  
Lab File: VV017810.D  
Acq: 06 Aug 2020 13:40

Tgt Ion: 43 Resp: 34385  
Ion Ratio Lower Upper  
43 100  
58 19.6 42.8 64.2#  
57 472.1 16.6 24.8#  
100 0.2 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.470 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017810.D

Acq: 06 Aug 2020 13:40

Instrument :

MSVOA\_V

ClientSampleId :

VLEB01

Tot Ion: 75 Resp: 10727

Ion Ratio Lower Upper

75 100

77 45.6 25.1 37.7#

