

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\  
 Data File : VV019178.D  
 Acq On : 30 Oct 2020 12:38  
 Operator : SY/MD  
 Sample : VV1030MBL01  
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK67

Quant Time: Oct 31 03:03:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 31 02:55:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 237794   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 236799   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 118977   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 72476    | 38.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.70% |
| 7) Chloroethane-d5             | 1.58    | 69    | 59335    | 40.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 80.84% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 112207   | 31.21    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.42% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 93676    | 80.93    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 80.93% |
| 24) Chloroform-d               | 4.37    | 84    | 149376   | 42.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.98% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 107190   | 43.76    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.52% |
| 32) Benzene-d6                 | 5.07    | 84    | 284501   | 42.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.70% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 85516    | 42.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 85.40% |
| 41) Toluene-d8                 | 7.33    | 98    | 265731   | 41.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.36% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 47018    | 40.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.14% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 65652    | 75.69    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 75.69% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 107518   | 39.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 79.62% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 114443   | 45.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.56% |

## Target Compounds

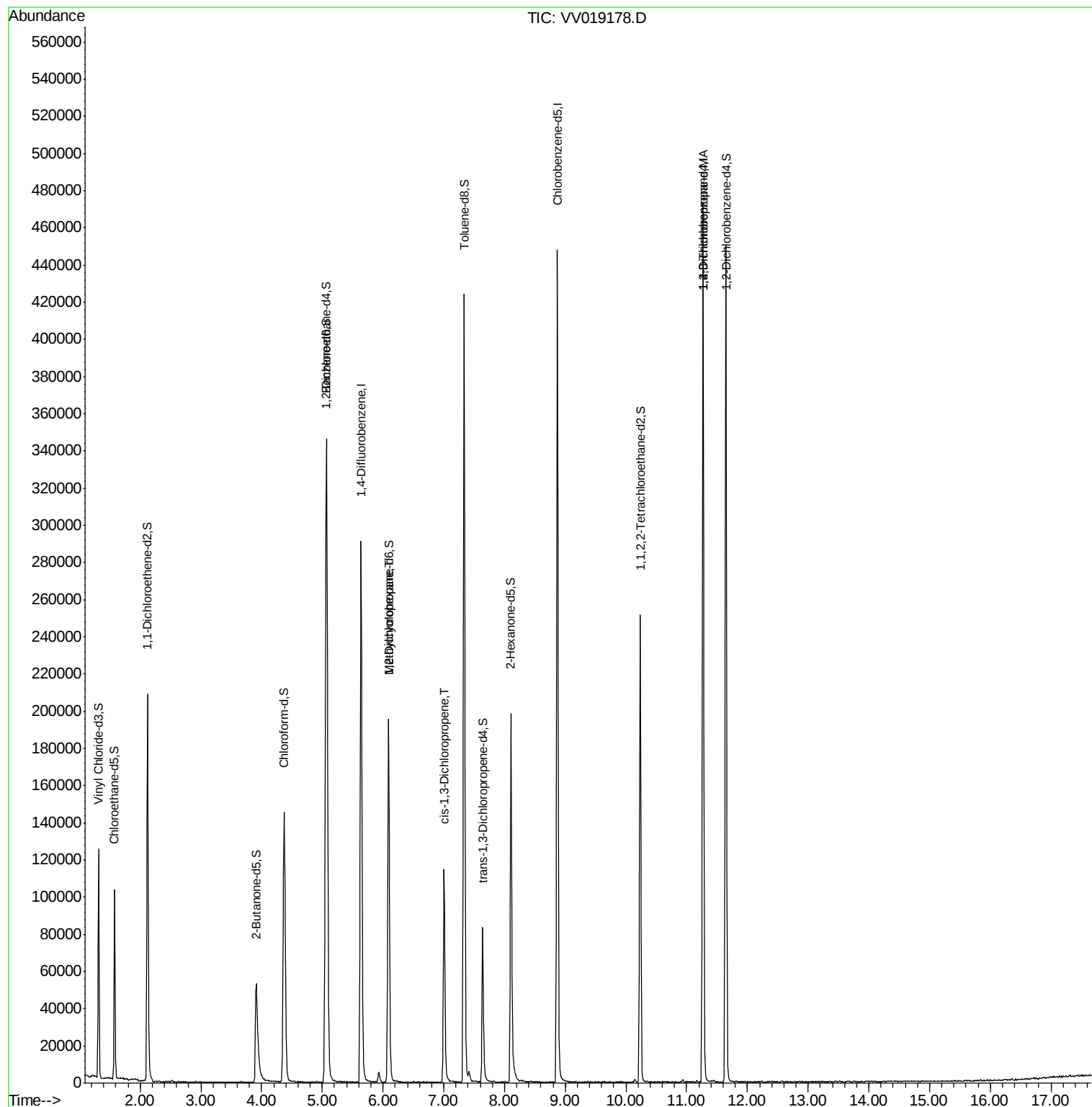
|                             |       |    |       |              | Ovalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 35) Methylcyclohexane       | 6.09  | 83 | 22808 | 9.033 ug/L # | 18     |
| 39) cis-1,3-Dichloropropene | 7.00  | 75 | 3270  | 1.168 ug/L # | 66     |
| 59) 1,2,3-Trichloropropane  | 11.27 | 75 | 13478 | 6.081 ug/L   | 90     |

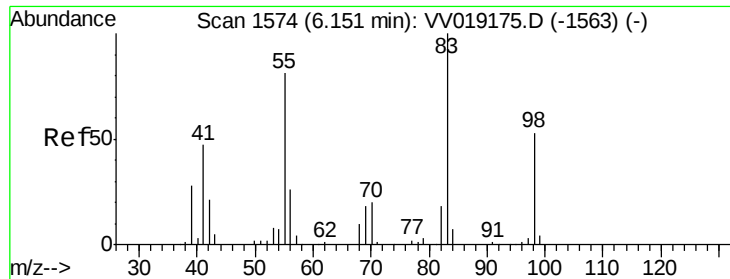
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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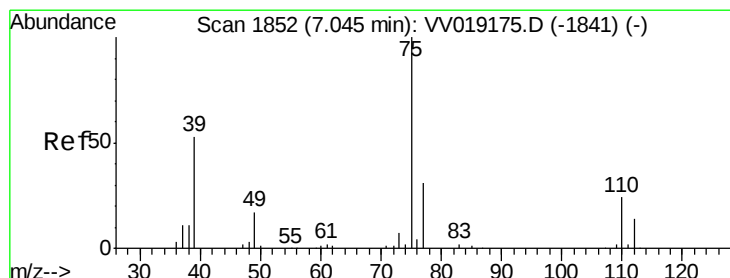
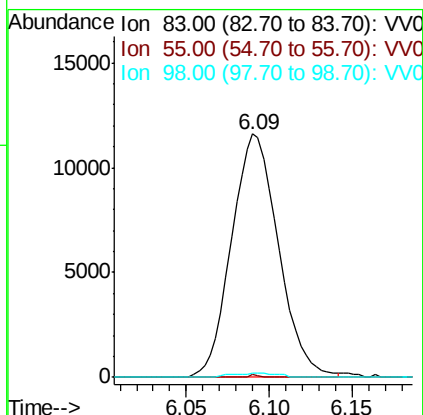
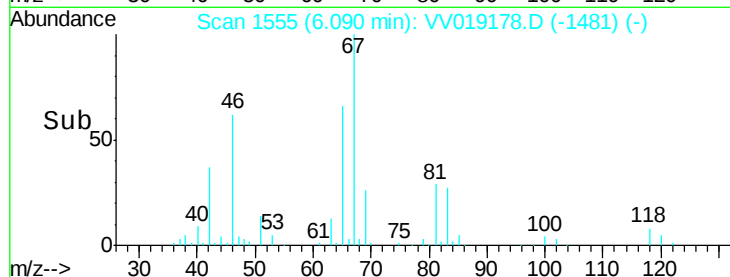
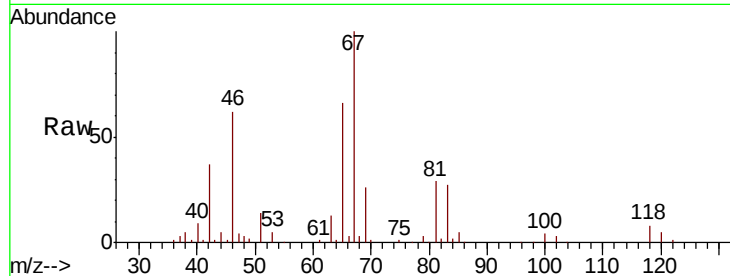




#35  
Methvlcvclohexane  
Concen: 9.033 ug/L  
RT: 6.09 min Scan# 1555  
Delta R.T. -0.06 min  
Lab File: VV019178.D  
Acq: 30 Oct 2020 12:38

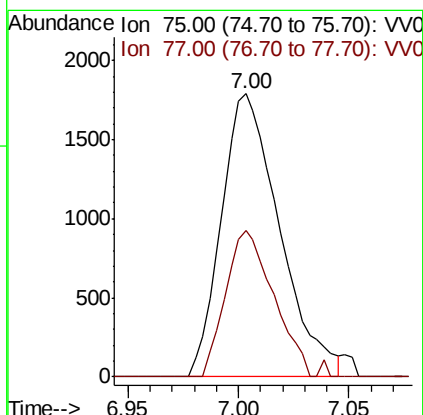
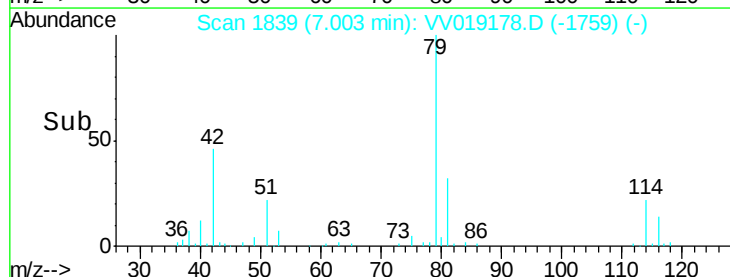
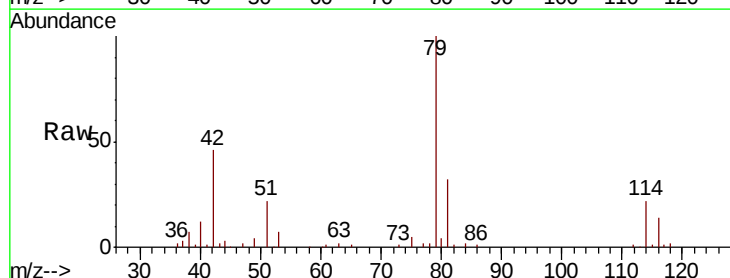
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK67

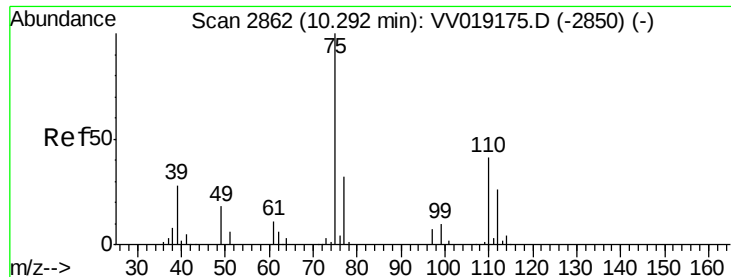
Tot Ion: 83 Resp: 22808  
Ion Ratio Lower Upper  
83 100  
55 0.2 62.2 93.4#  
98 1.3 39.4 59.2#



#39  
cis-1,3-Dichloropropene  
Concen: 1.168 ug/L  
RT: 7.00 min Scan# 1839  
Delta R.T. -0.04 min  
Lab File: VV019178.D  
Acq: 30 Oct 2020 12:38

Tgt Ion: 75 Resp: 3270  
Ion Ratio Lower Upper  
75 100  
77 51.7 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 6.081 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019178.D

Acq: 30 Oct 2020 12:38

Instrument :

MSVOA\_V

ClientSampleId :

VBLK67

Tot Ion: 75 Resp: 13478

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4

