

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\  
 Data File : VV018386.D  
 Acq On : 22 Sep 2020 11:25  
 Operator : SY/MD  
 Sample : VV0922WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK77

Quant Time: Sep 23 05:56:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 23 05:49:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 275389   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 276744   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 129602   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 94802    | 42.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.48% |
| 7) Chloroethane-d5             | 1.58    | 69    | 80258    | 43.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.40% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 140659   | 34.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.34% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 126168   | 91.85    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 91.85% |
| 24) Chloroform-d               | 4.38    | 84    | 179376   | 46.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.14% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 119158   | 47.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.48% |
| 32) Benzene-d6                 | 5.08    | 84    | 357648   | 45.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.28% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 115515   | 45.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.78% |
| 41) Toluene-d8                 | 7.34    | 98    | 313924   | 43.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.96% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52754    | 41.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.48% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 79789    | 83.68    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 83.68% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 139053   | 44.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.02% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 132078   | 49.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.24% |

## Target Compounds

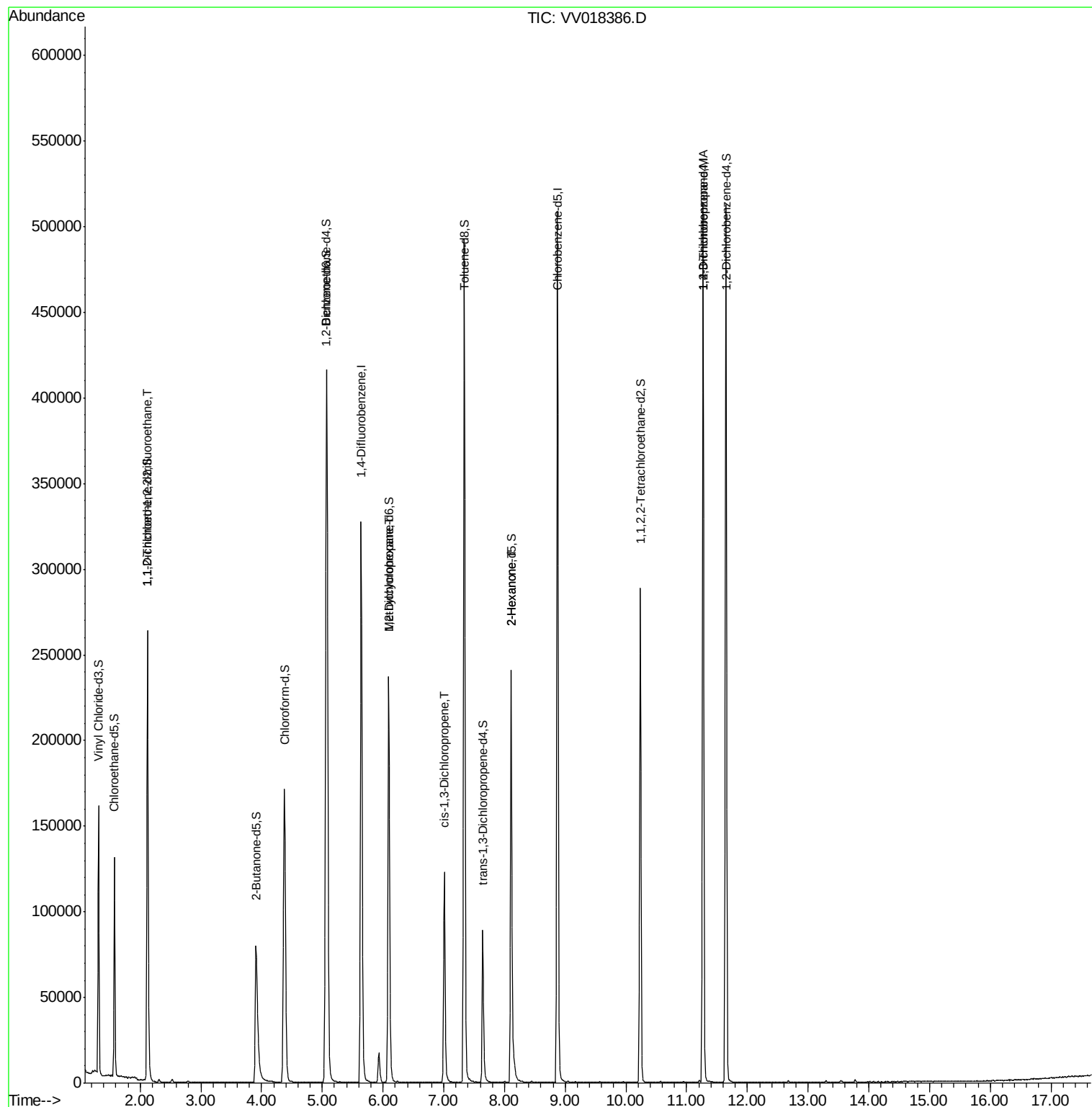
|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13  | 101 | 1421  | 0.765 ug/L # | 21     |
| 35) Methylcyclohexane          | 6.09  | 83  | 27867 | 8.587 ug/L # | 18     |
| 39) cis-1,3-Dichloropropene    | 7.01  | 75  | 3030  | 0.938 ug/L # | 61     |
| 48) 2-Hexanone                 | 8.11  | 43  | 10111 | 5.042 ug/L # | 72     |
| 59) 1,2,3-Trichloropropane     | 11.27 | 75  | 14942 | 6.059 ug/L   | 93     |

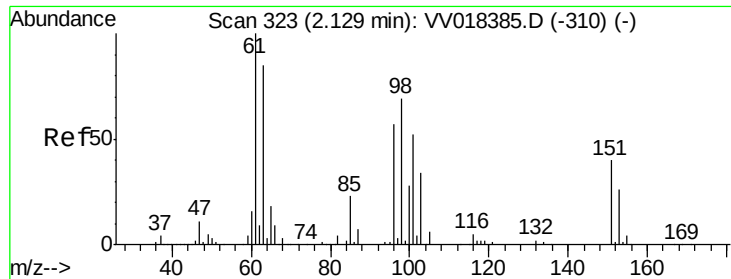
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Sep 23 05:49:41 2020  
Response via : Initial Calibration





#10

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

Concen: 0.765 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018386.D

Acq: 22 Sep 2020 11:25

Instrument :

MSVOA\_V

ClientSampleId :

VBLK77

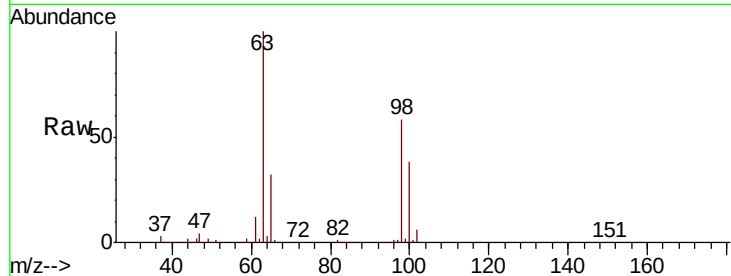
Tot Ion:101 Resp: 1421

Ion Ratio Lower Upper

101 100

85 4.6 33.5 50.3#

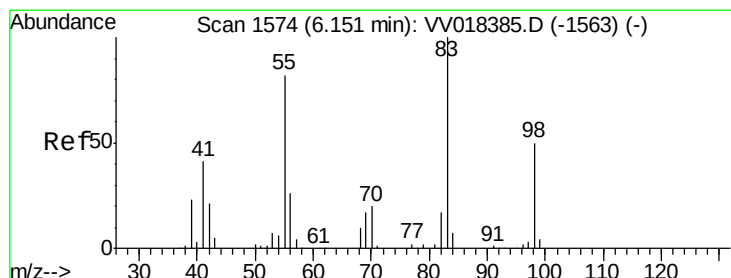
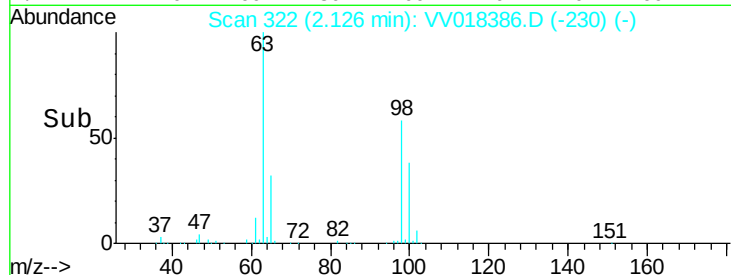
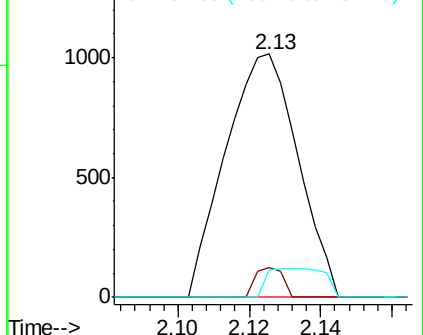
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 8.587 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018386.D

Acq: 22 Sep 2020 11:25

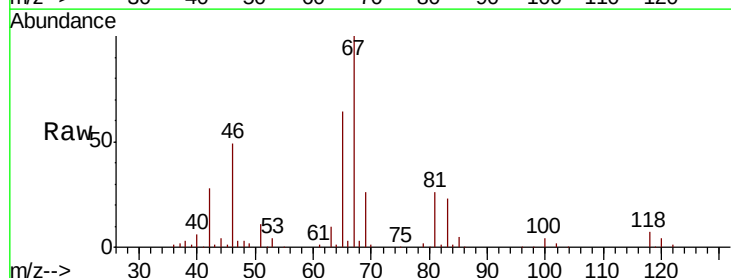
Tgt Ion: 83 Resp: 27867

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

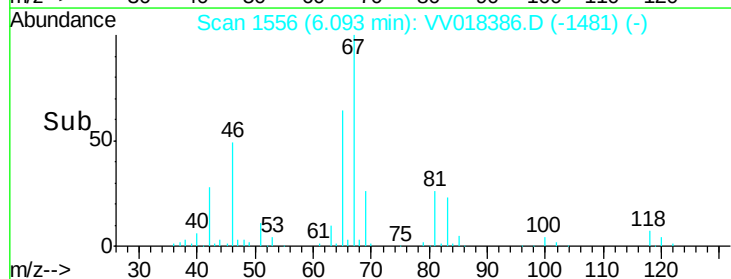
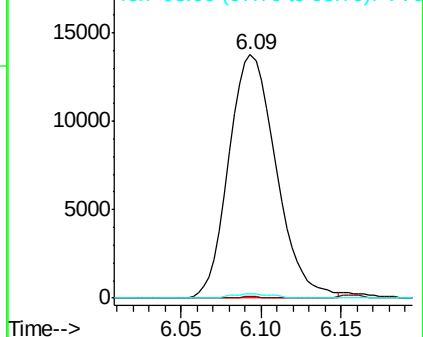
98 1.5 38.8 58.2#

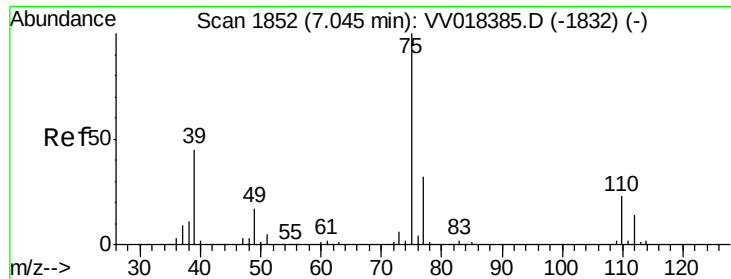


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

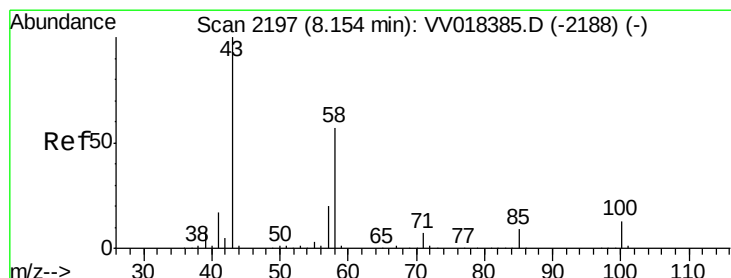
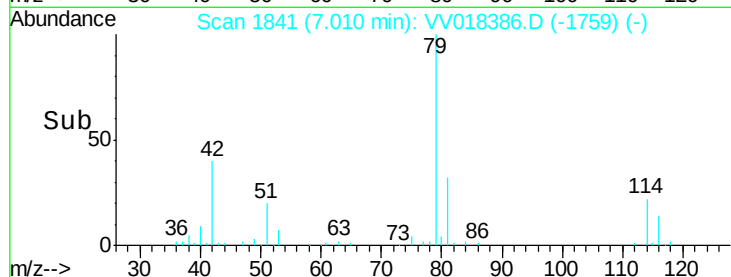
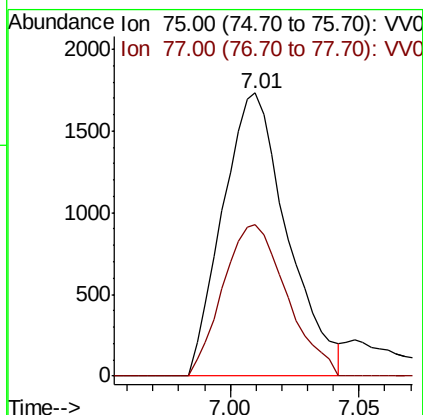
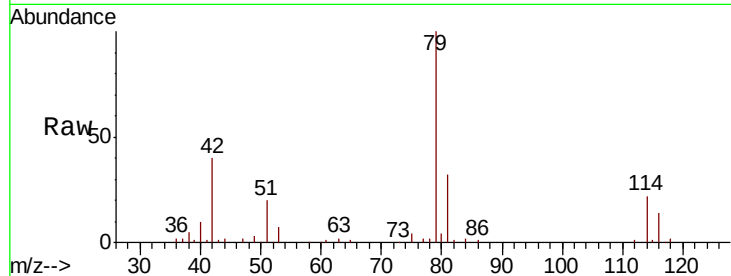




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.938 ug/L  
 RT: 7.01 min Scan# 1841  
 Delta R.T. -0.04 min  
 Lab File: VV018386.D  
 Acq: 22 Sep 2020 11:25

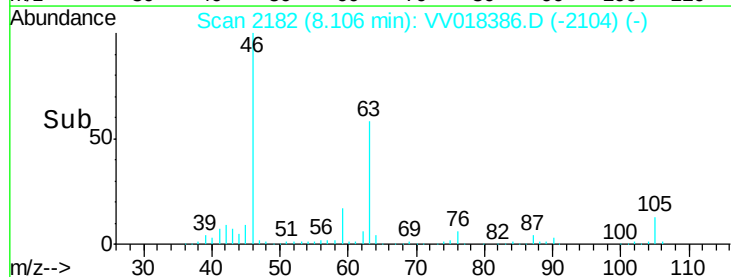
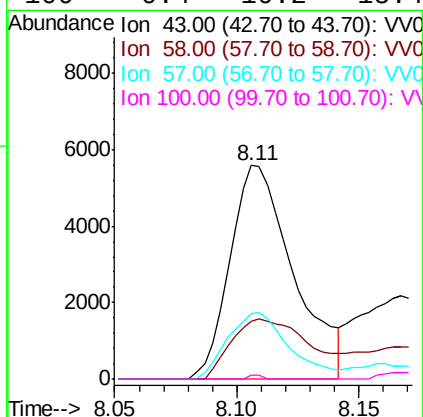
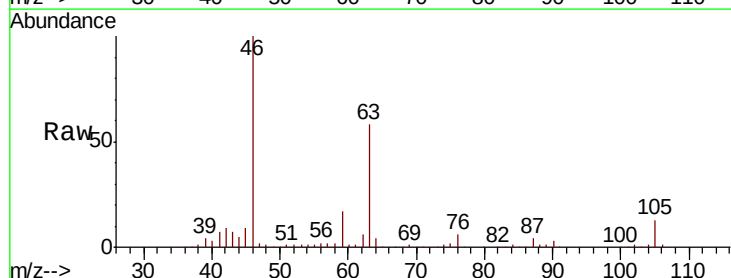
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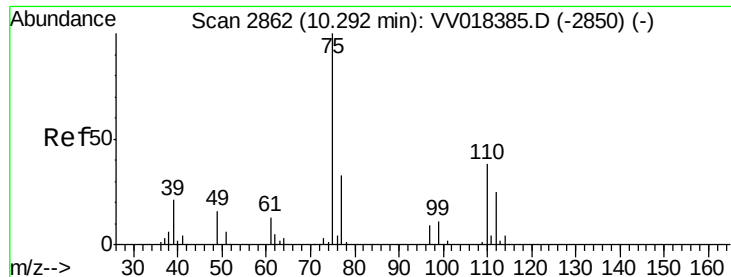
Tot Ion: 75 Resp: 3030  
 Ion Ratio Lower Upper  
 75 100  
 77 53.7 22.3 41.3#



#48  
 2-Hexanone  
 Concen: 5.042 ug/L  
 RT: 8.11 min Scan# 2182  
 Delta R.T. -0.05 min  
 Lab File: VV018386.D  
 Acq: 22 Sep 2020 11:25

Tgt Ion: 43 Resp: 10111  
 Ion Ratio Lower Upper  
 43 100  
 58 34.3 44.8 67.2#  
 57 30.0 15.8 23.6#  
 100 0.4 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.059 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018386.D

Acq: 22 Sep 2020 11:25

Instrument :

MSVOA\_V

ClientSampleId :

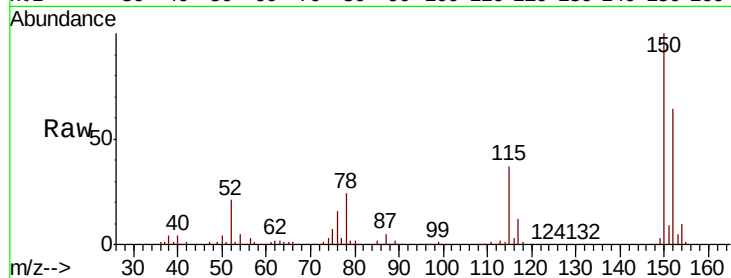
VBLK77

Tot Ion: 75 Resp: 14942

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

