

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\  
 Data File : VV018578.D  
 Acq On : 30 Sep 2020 19:01  
 Operator : SY/MD  
 Sample : L4117-21  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AD0

Quant Time: Oct 01 07:43:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 07:39:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 372431   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 362666   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 183982   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 76815    | 35.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 70.34%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 78034    | 43.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.42%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 132033   | 29.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.34%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 154355   | 94.74    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.74%  |
| 24) Chloroform-d               | 4.38    | 84    | 191002   | 40.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 129560   | 43.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.42%  |
| 32) Benzene-d6                 | 5.07    | 84    | 379095   | 41.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 123144   | 44.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.74%  |
| 41) Toluene-d8                 | 7.34    | 98    | 339419   | 39.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 78.54%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 58891    | 39.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.56%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 81758    | 77.55    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 77.55%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 140414   | 38.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 76.32%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 158826   | 44.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.78%  |

## Target Compounds

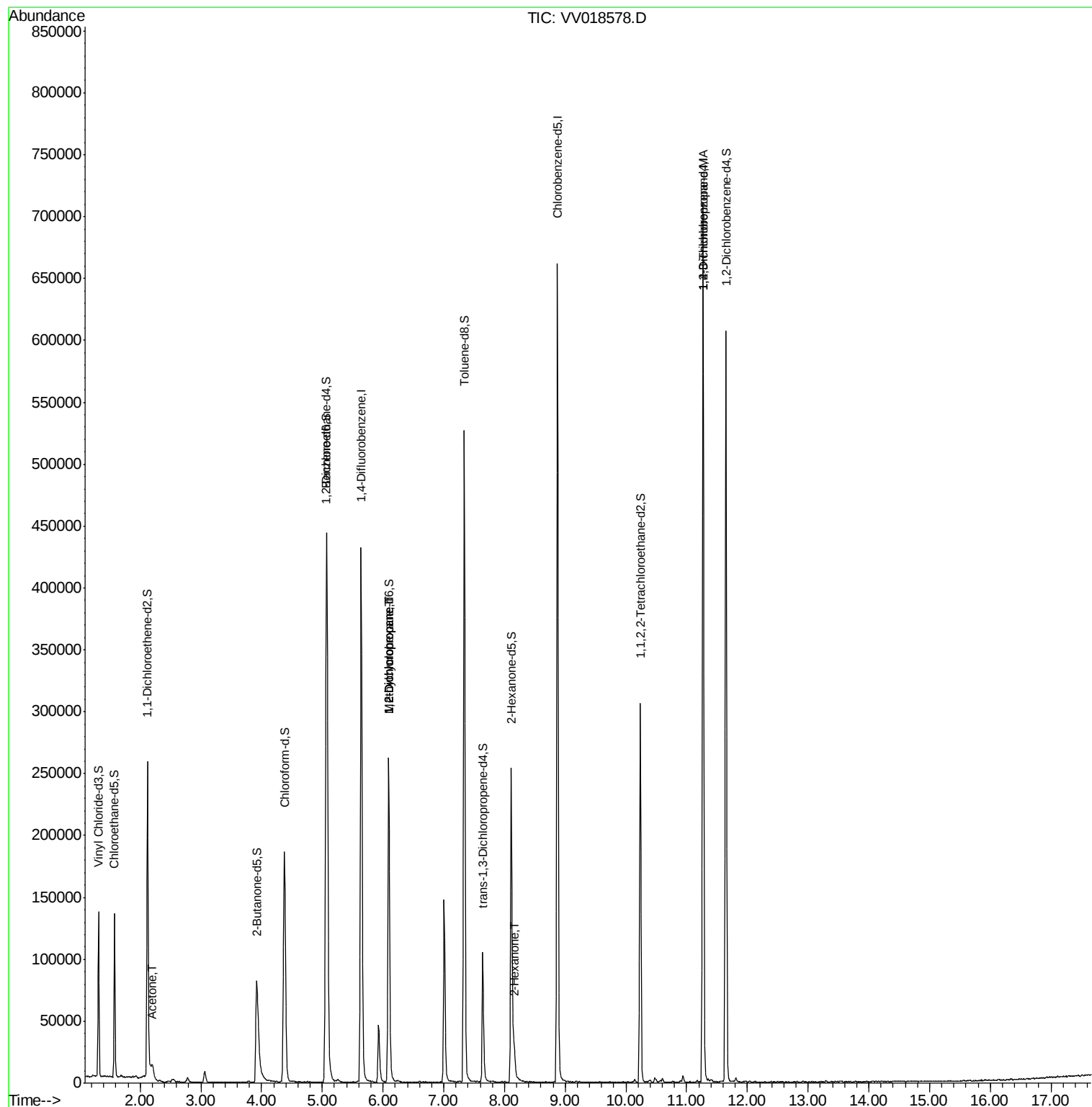
|                            |       |    |       |        | Ovalue    |
|----------------------------|-------|----|-------|--------|-----------|
| 13) Acetone                | 2.20  | 43 | 18877 | 13.411 | ug/L 99   |
| 35) Methylcyclohexane      | 6.09  | 83 | 30155 | 7.227  | ug/L # 19 |
| 37) 1,2-Dichloropropane    | 6.09  | 63 | 13969 | 5.110  | ug/L # 85 |
| 48) 2-Hexanone             | 8.16  | 43 | 15204 | 5.524  | ug/L # 86 |
| 59) 1,2,3-Trichloropropane | 11.27 | 75 | 20260 | 6.093  | ug/L 90   |

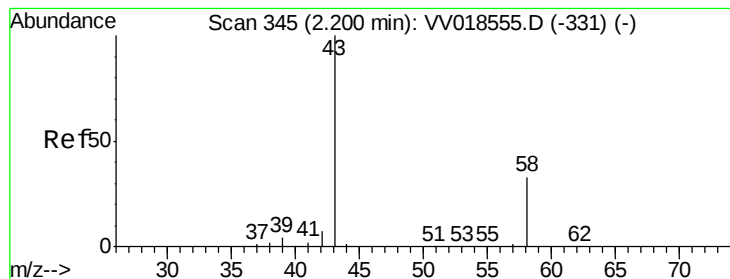
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Oct 01 07:39:17 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 13.411 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV018578.D

Acq: 30 Sep 2020 19:01

Instrument :

MSVOA\_V

ClientSampleId :

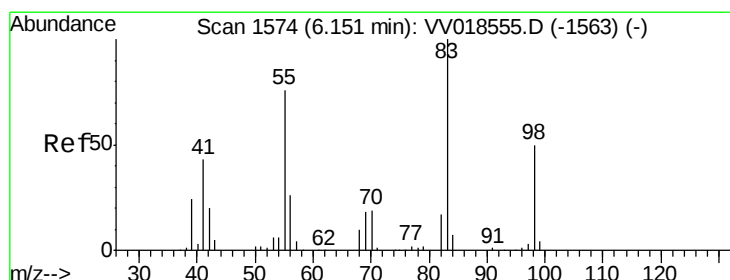
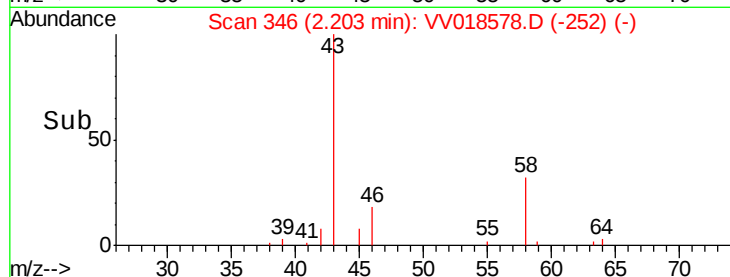
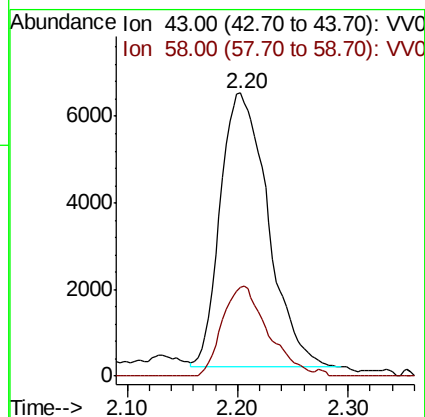
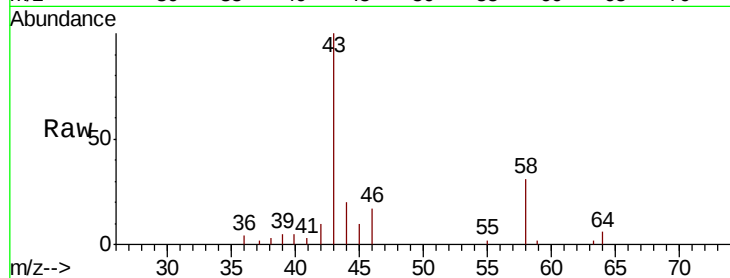
E0AD0

Tot Ion: 43 Resp: 18877

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.0



#35

Methylcyclohexane

Concen: 7.227 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018578.D

Acq: 30 Sep 2020 19:01

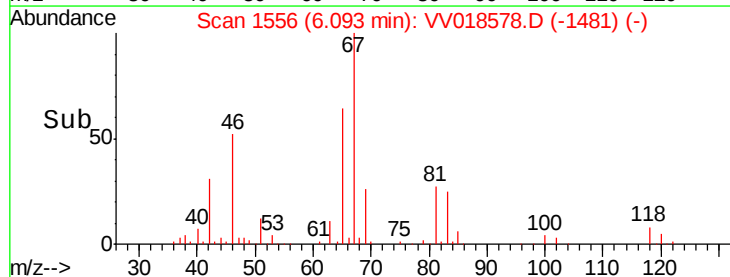
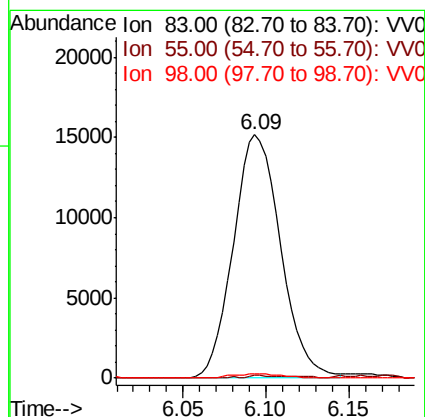
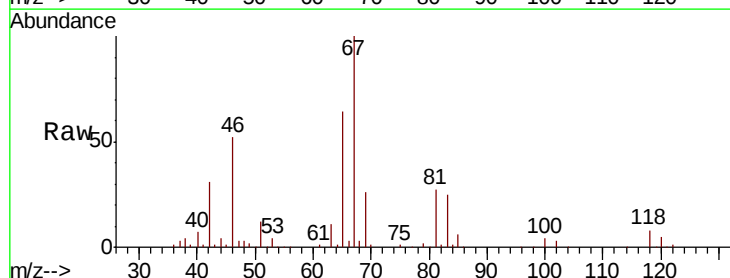
Tgt Ion: 83 Resp: 30155

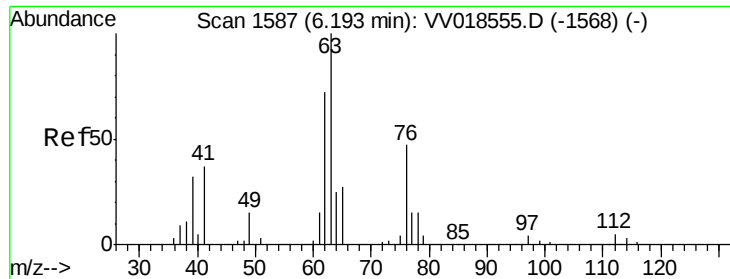
Ion Ratio Lower Upper

83 100

55 0.4 60.1 90.1#

98 1.8 40.2 60.4#

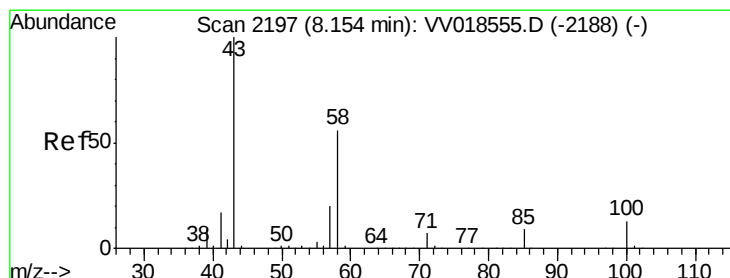
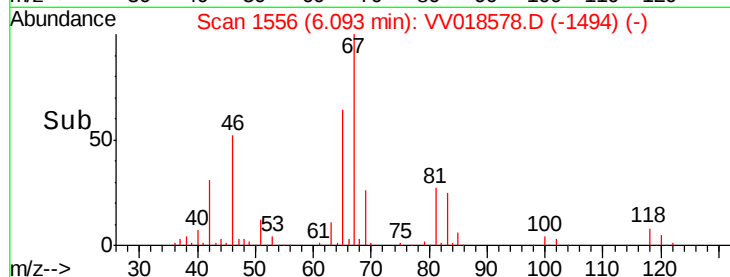
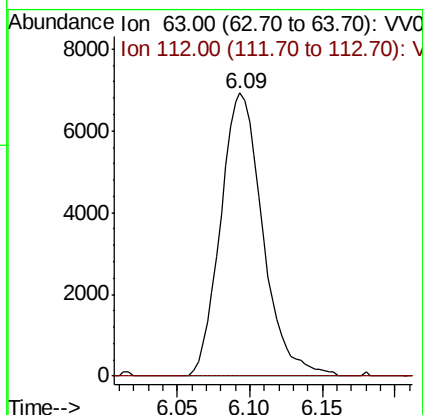
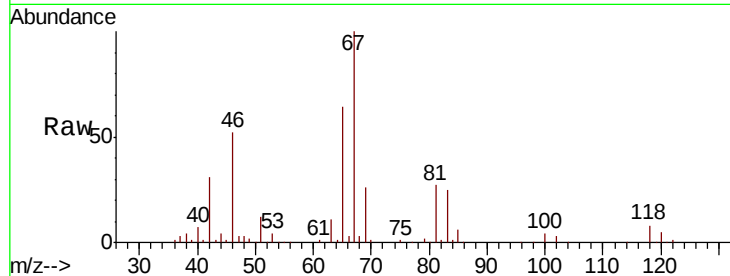




#37  
 1,2-Dichloropropane  
 Concen: 5.110 ug/L  
 RT: 6.09 min Scan# 1556  
 Delta R.T. -0.10 min  
 Lab File: VV018578.D  
 Acq: 30 Sep 2020 19:01

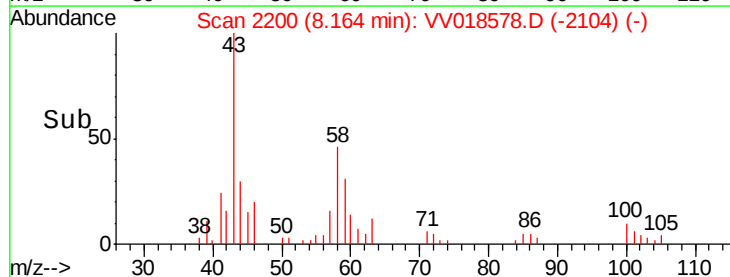
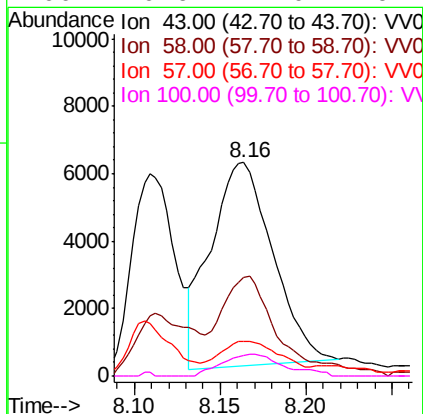
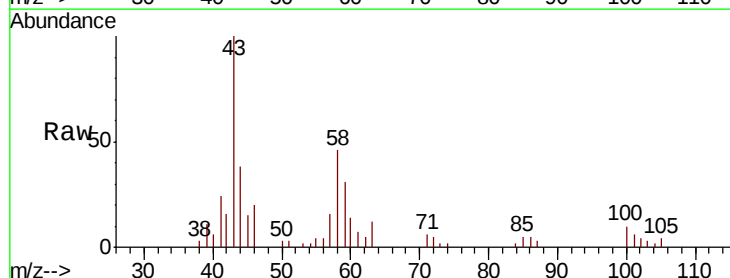
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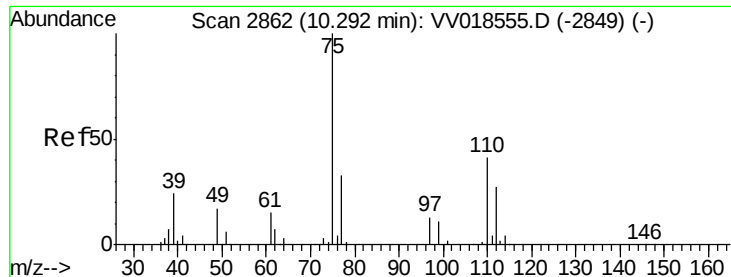
Tot Ion: 63 Resp: 13969  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.9 5.9#



#48  
 2-Hexanone  
 Concen: 5.524 ug/L  
 RT: 8.16 min Scan# 2200  
 Delta R.T. 0.01 min  
 Lab File: VV018578.D  
 Acq: 30 Sep 2020 19:01

Tgt Ion: 43 Resp: 15204  
 Ion Ratio Lower Upper  
 43 100  
 58 45.7 45.1 67.7  
 57 12.5 15.7 23.5#  
 100 10.6 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 6.093 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018578.D

Acq: 30 Sep 2020 19:01

Instrument :

MSVOA\_V

ClientSampleId :

E0AD0

Tot Ion: 75 Resp: 20260

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.0

