

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\  
 Data File : VV019005.D  
 Acq On : 20 Oct 2020 11:39  
 Operator : SY/MD  
 Sample : L4426-19RE  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 21 06:09:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM101420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 21 06:02:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 287035   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 301247   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 123584   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 75972    | 32.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 64.30%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 76790    | 41.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.04%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 132909   | 29.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.60%# |
| 21) 2-Butanone-d5              | 3.91    | 46    | 141740   | 86.06    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.06%  |
| 24) Chloroform-d               | 4.38    | 84    | 171225   | 40.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 123891   | 43.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.94%  |
| 32) Benzene-d6                 | 5.08    | 84    | 325143   | 36.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 73.94%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 111618   | 39.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 79.40%  |
| 41) Toluene-d8                 | 7.34    | 98    | 283260   | 35.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 71.80%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 50827    | 36.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.96%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 74190    | 71.03    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 71.03%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 112623   | 34.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 68.36%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 111792   | 44.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.92%  |

## Target Compounds

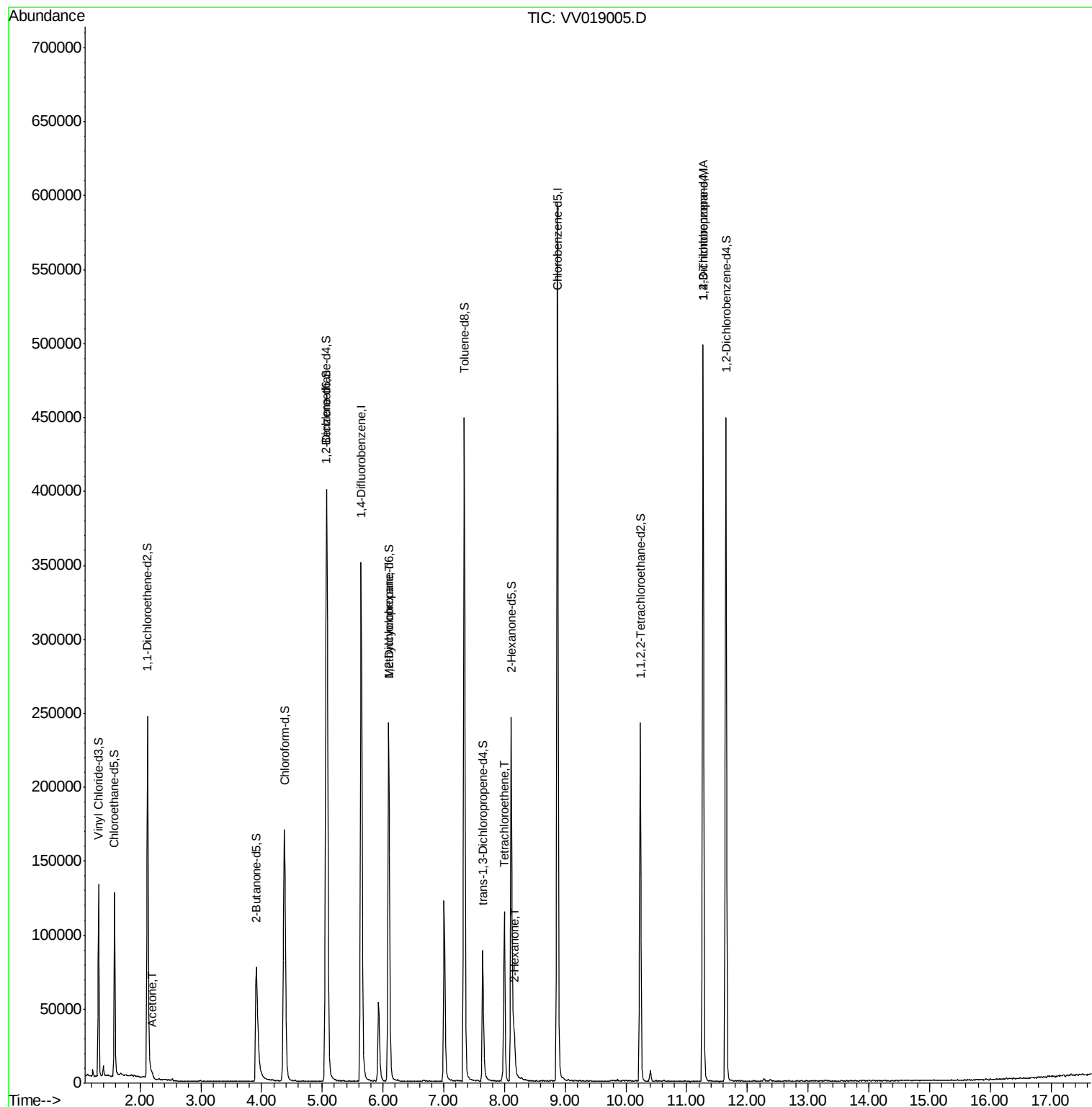
|                            |       |     |       |        | Ovalue    |
|----------------------------|-------|-----|-------|--------|-----------|
| 13) Acetone                | 2.20  | 43  | 4913  | 4.082  | ug/L 75   |
| 35) Methylcyclohexane      | 6.09  | 83  | 27145 | 8.417  | ug/L # 16 |
| 46) Tetrachloroethene      | 8.00  | 164 | 25088 | 13.368 | ug/L 99   |
| 48) 2-Hexanone             | 8.16  | 43  | 19344 | 7.156  | ug/L # 84 |
| 59) 1,2,3-Trichloropropane | 11.27 | 75  | 14477 | 4.838  | ug/L # 88 |

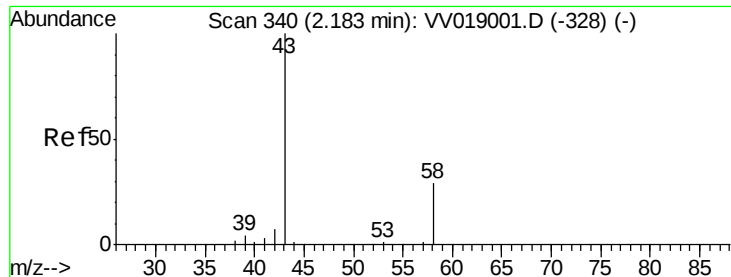
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Oct 21 06:02:04 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 4.082 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV019005.D

Acq: 20 Oct 2020 11:39

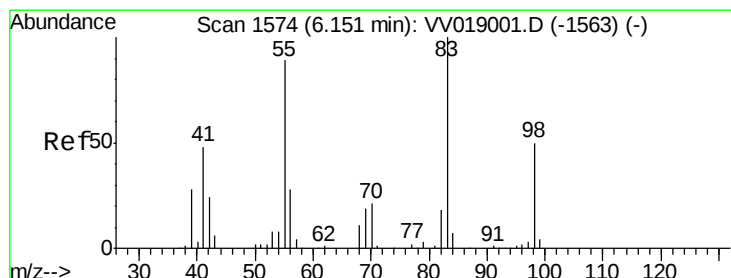
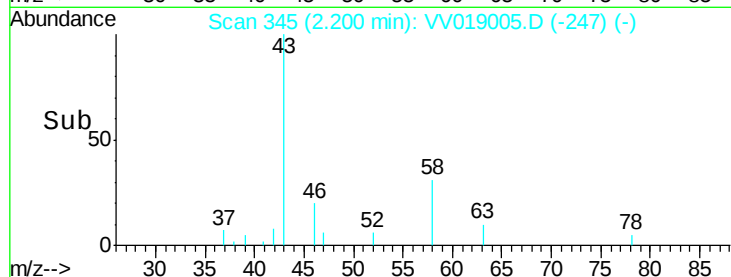
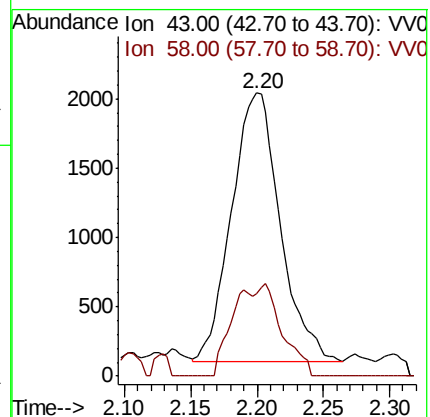
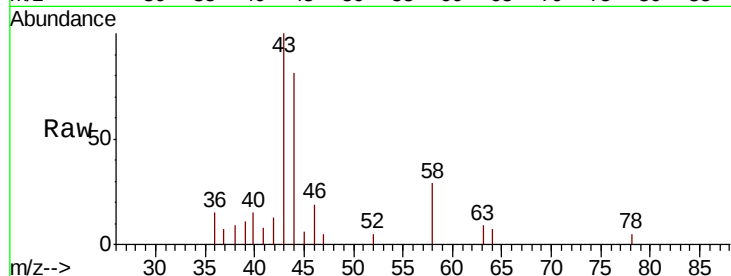
Instrument :  
MSVOA\_V  
ClientSampleId :

Tot Ion: 43 Resp: 4913

Ion Ratio Lower Upper

43 100

58 15.7 0.0 58.8



#35

Methylcyclohexane

Concen: 8.417 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019005.D

Acq: 20 Oct 2020 11:39

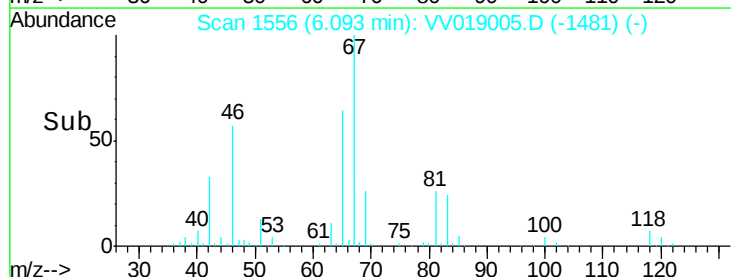
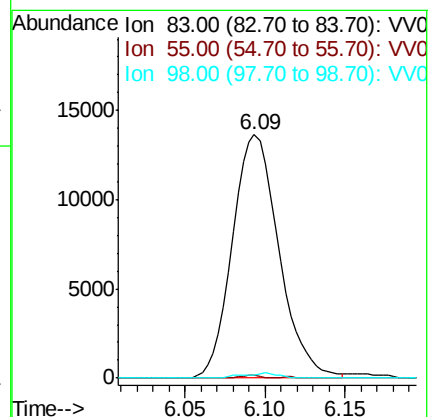
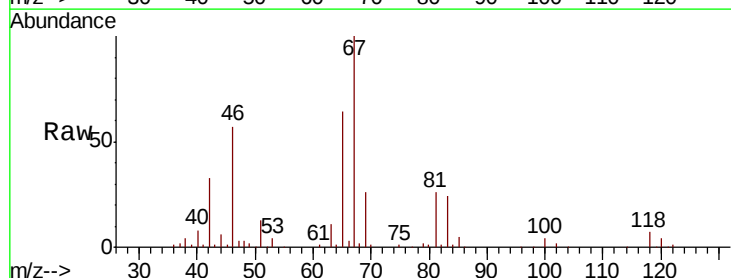
Tgt Ion: 83 Resp: 27145

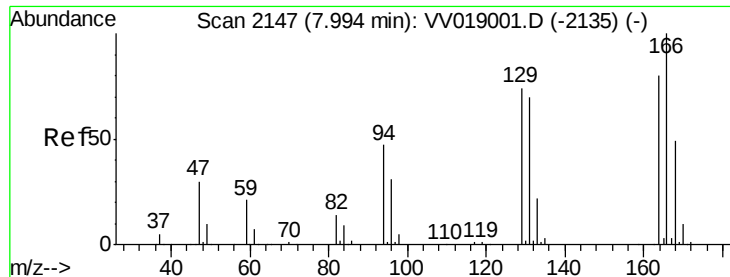
Ion Ratio Lower Upper

83 100

55 0.4 67.3 100.9#

98 1.1 37.9 56.9#

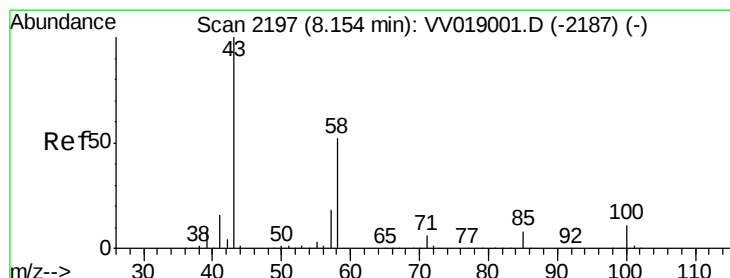
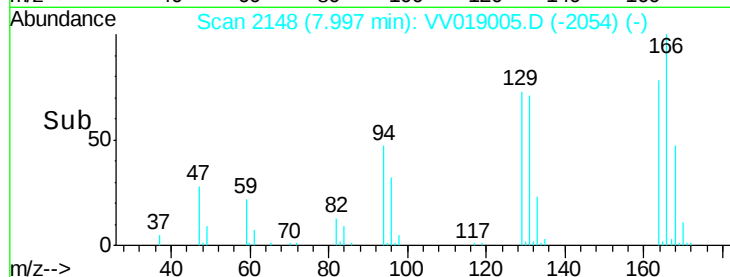
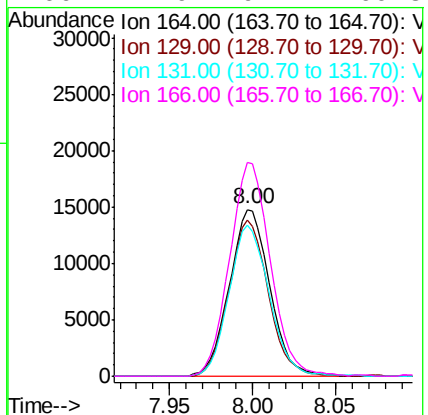
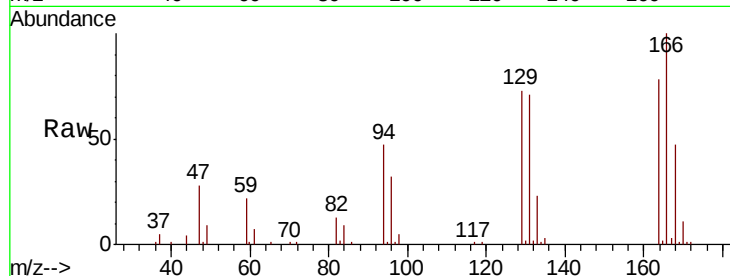




#46  
Tetrachloroethene  
Concen: 13.368 ug/L  
RT: 8.00 min Scan# 2148  
Delta R.T. 0.00 min  
Lab File: VV019005.D  
Acq: 20 Oct 2020 11:39

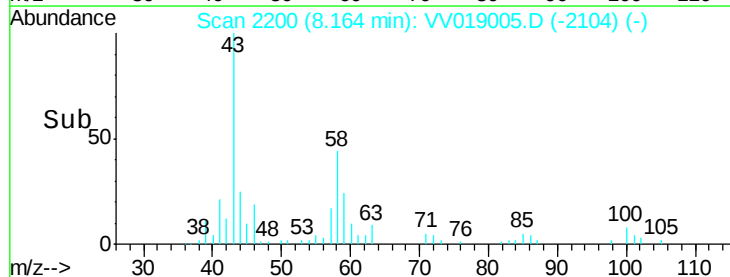
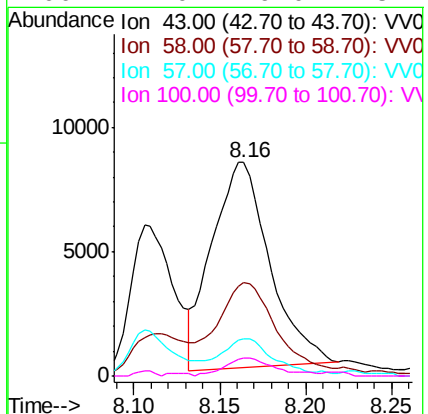
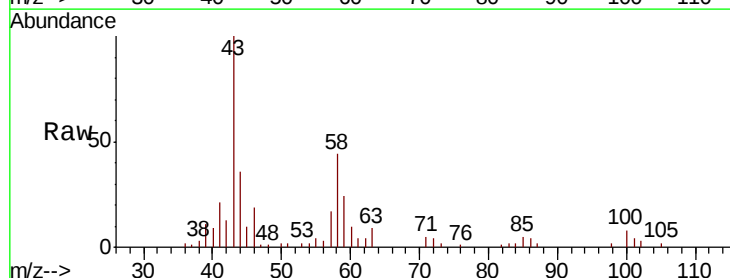
Instrument :  
MSVOA\_V  
ClientSampleId :

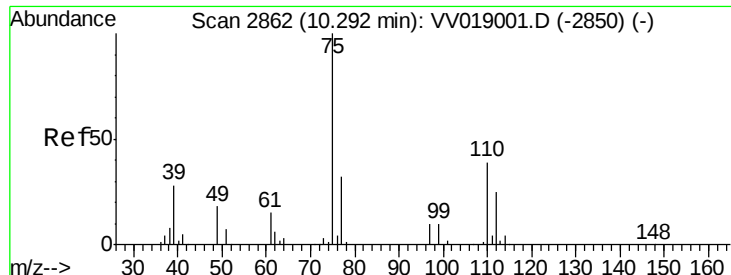
Tot Ion:164 Resp: 25088  
Ion Ratio Lower Upper  
164 100  
129 93.4 65.0 120.8  
131 90.8 62.9 116.7  
166 127.9 91.1 169.3



#48  
2-Hexanone  
Concen: 7.156 ug/L  
RT: 8.16 min Scan# 2200  
Delta R.T. 0.01 min  
Lab File: VV019005.D  
Acq: 20 Oct 2020 11:39

Tgt Ion: 43 Resp: 19344  
Ion Ratio Lower Upper  
43 100  
58 40.4 42.5 63.7#  
57 13.0 14.5 21.7#  
100 7.0 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 4.838 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019005.D

Acq: 20 Oct 2020 11:39

Instrument :

MSVOA\_V

ClientSampleId :

Tot Ion: 75 Resp: 14477

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.2#

