

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\  
 Data File : VV019531.D  
 Acq On : 10 Dec 2020 23:51  
 Operator : SY/MD  
 Sample : L4997-17  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AR3

Quant Time: Dec 11 02:40:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 11 02:38:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 687338   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 643326   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 297484   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

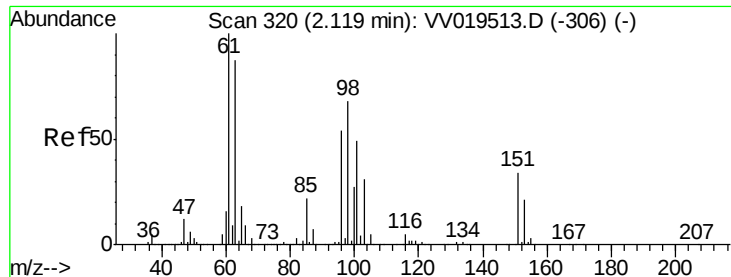
|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 199208   | 40.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.84% |
| 7) Chloroethane-d5             | 1.57    | 69    | 171800   | 44.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.38% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 310206   | 33.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.82% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 266391   | 99.44    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.44% |
| 24) Chloroform-d               | 4.35    | 84    | 406027   | 45.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.42% |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 283148   | 48.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.56% |
| 32) Benzene-d6                 | 5.05    | 84    | 807098   | 47.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.08% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 257857   | 47.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.96% |
| 41) Toluene-d8                 | 7.32    | 98    | 722705   | 46.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.56% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 134520   | 44.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.00% |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 206057   | 97.68    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.68% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 341022   | 46.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.82% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 265518   | 47.75    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.50% |

## Target Compounds

|                                |      |     |       |              | Ovalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.11 | 101 | 2891  | 0.725 ug/L # | 23     |
| 13) Acetone                    | 2.19 | 43  | 21810 | 9.556 ug/L   | 99     |

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





#10

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

Concen: 0.725 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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MSVOA\_V

ClientSampleId :

C0AR3

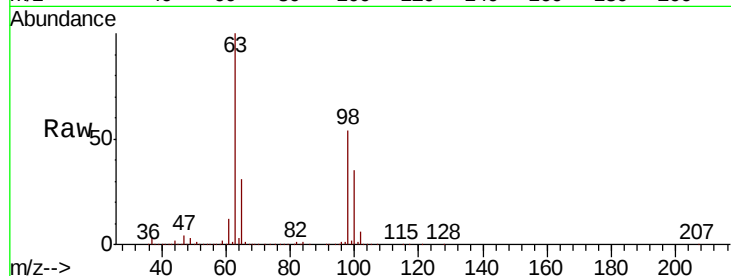
Tot Ion:101 Resp: 2891

Ion Ratio Lower Upper

101 100

85 2.3 35.0 52.4#

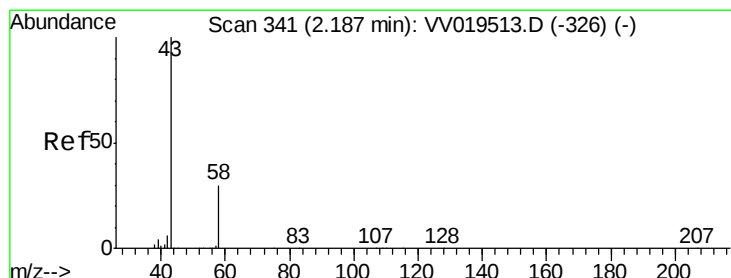
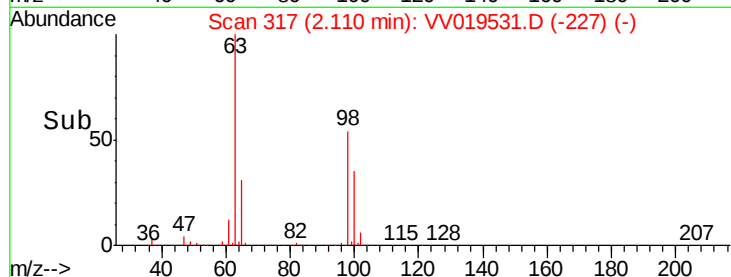
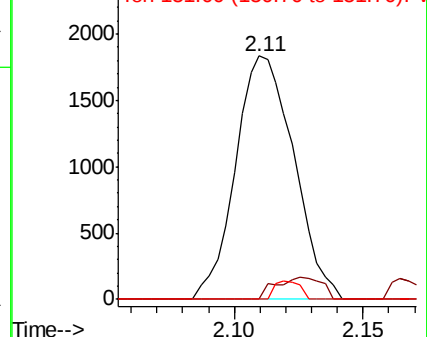
151 0.0 55.8 83.8#



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



#13

Acetone

Concen: 9.556 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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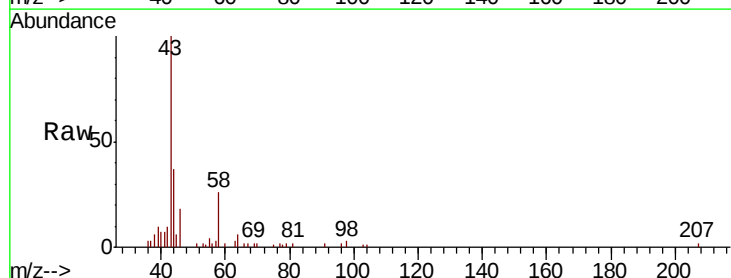
Acq: 10 Dec 2020 23:51

Tgt Ion: 43 Resp: 21810

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

