

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\  
 Data File : VV019581.D  
 Acq On : 13 Dec 2020 02:04  
 Operator : SY/MD  
 Sample : L4998-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AS9

Quant Time: Dec 13 07:42:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 13 07:40:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 616674   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 572611   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 260692   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

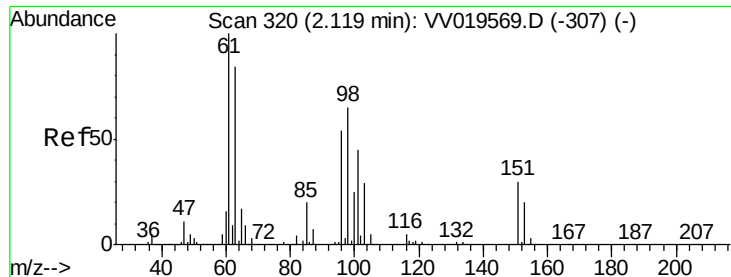
|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 239738   | 54.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 108.42% |
| 7) Chloroethane-d5             | 1.57    | 69    | 199526   | 57.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 114.42% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 348440   | 42.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.92%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 282012   | 117.33   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 117.33% |
| 24) Chloroform-d               | 4.35    | 84    | 423685   | 53.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.32% |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 294238   | 56.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 112.98% |
| 32) Benzene-d6                 | 5.05    | 84    | 851972   | 55.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 111.58% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 270839   | 56.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 113.22% |
| 41) Toluene-d8                 | 7.32    | 98    | 754502   | 54.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.74% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 131344   | 48.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.54%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 210123   | 111.91   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.91% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 347995   | 53.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 107.56% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 270858   | 55.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 111.16% |

## Target Compounds

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.11  | 101  | 2758     | 0.770 | ug/L # | 24     |
| 34) Trichloroethene            | 5.92  | 95   | 3319     | 0.751 | ug/L   | 83     |
| 48) 2-Hexanone                 | 8.09  | 43   | 25663    | 5.364 | ug/L # | 68     |
| 59) 1,2,3-Trichloropropane     | 11.25 | 75   | 35198    | 6.475 | ug/L   | 90     |

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





#10

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

Concen: 0.770 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019581.D

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Instrument :

MSVOA\_V

ClientSampled :

C0AS9

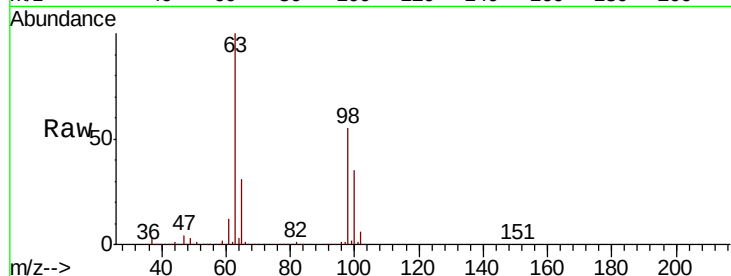
Tot Ion:101 Resp: 2758

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

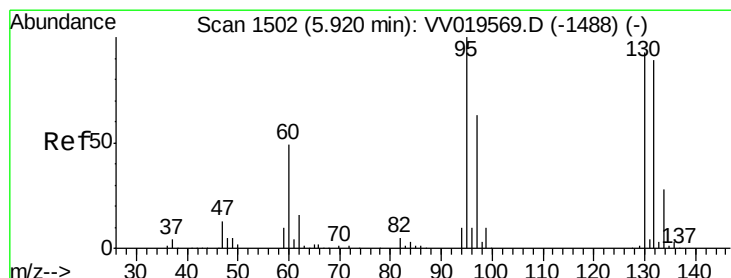
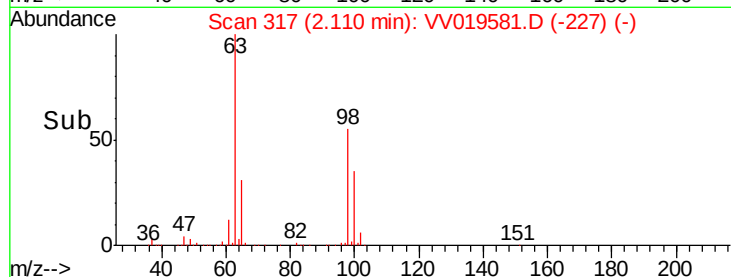
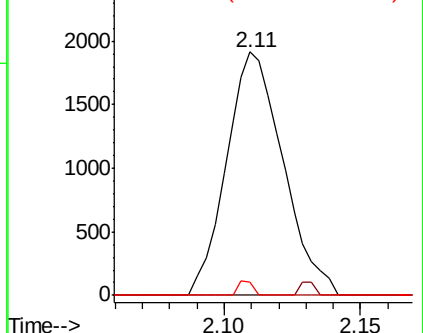
151 1.6 55.8 83.8#



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



#34

Trichloroethene

Concen: 0.751 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.00 min

Lab File: VV019581.D

Acq: 13 Dec 2020 02:04

Tgt Ion: 95 Resp: 3319

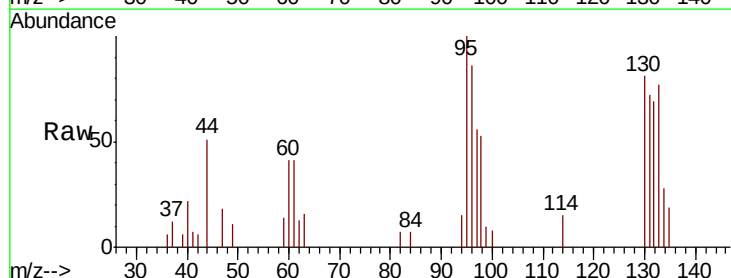
Ion Ratio Lower Upper

95 100

97 55.6 44.4 82.4

132 69.3 64.3 119.3

130 80.8 67.8 125.8

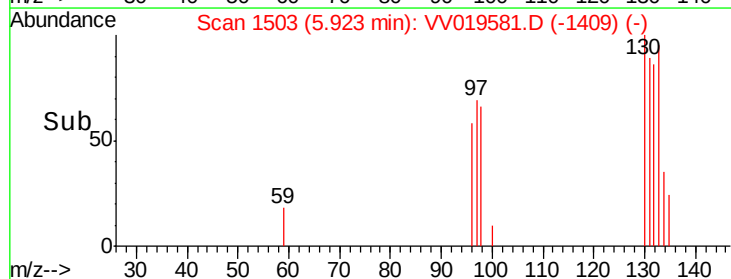
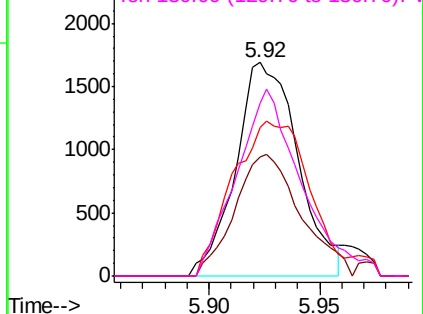


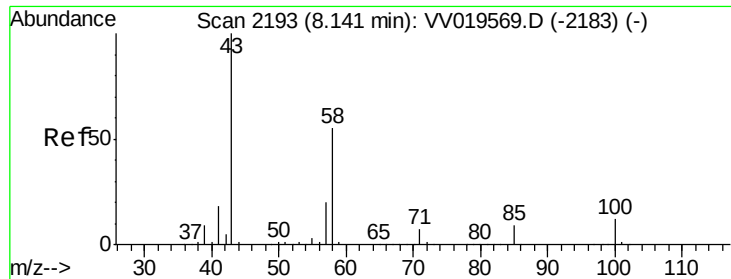
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

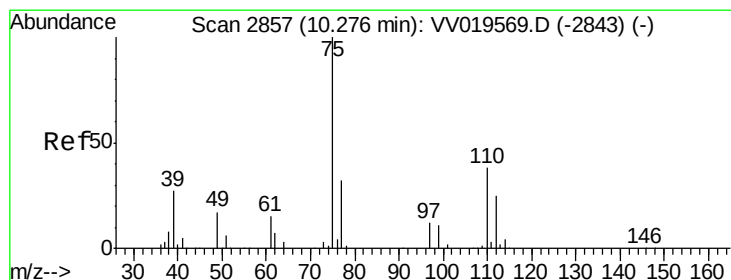
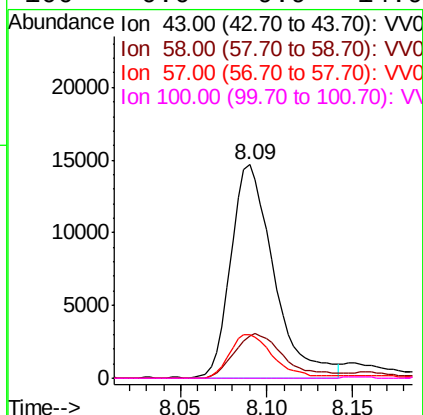
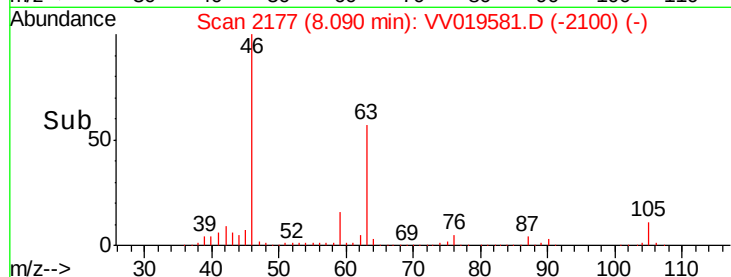
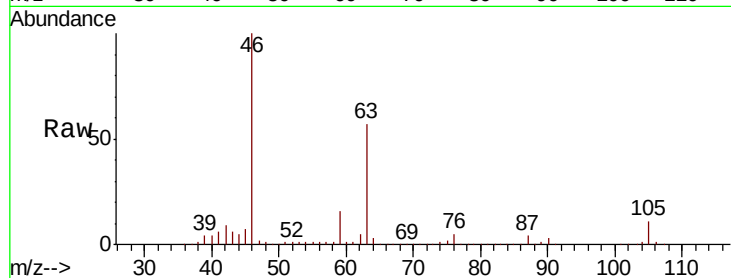




#48  
2-Hexanone  
Concen: 5.364 ug/L  
RT: 8.09 min Scan# 2177  
Delta R.T. -0.05 min  
Lab File: VV019581.D  
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MSVOA\_V  
ClientSampleId :  
C0AS9

Tot Ion: 43 Resp: 25663  
Ion Ratio Lower Upper  
43 100  
58 24.2 44.4 66.6#  
57 20.7 15.7 23.5  
100 0.0 9.9 14.9#



#59  
1,2,3-Trichloropropane  
Concen: 6.475 ug/L  
RT: 11.25 min Scan# 3160  
Delta R.T. 0.97 min  
Lab File: VV019581.D  
Acq: 13 Dec 2020 02:04

Tgt Ion: 75 Resp: 35198  
Ion Ratio Lower Upper  
75 100  
77 38.1 25.8 38.8

