

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\  
 Data File : VV019690.D  
 Acq On : 18 Dec 2020 10:36  
 Operator : SY/MD  
 Sample : VV1218MBL01  
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK71

Quant Time: Dec 19 05:27:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 19 05:26:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 652230   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 601132   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 296665   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

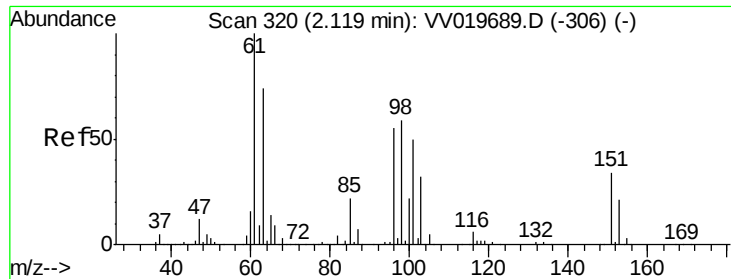
|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 207766   | 44.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.84%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 170422   | 46.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 296843   | 34.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.40%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 302727   | 119.09   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 119.09% |
| 24) Chloroform-d               | 4.35    | 84    | 378367   | 44.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.78%  |
| 26) 1,2-Dichloroethane-d4      | 5.03    | 65    | 260093   | 47.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.44%  |
| 32) Benzene-d6                 | 5.05    | 84    | 755889   | 47.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.30%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 244324   | 48.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.30%  |
| 41) Toluene-d8                 | 7.32    | 98    | 664785   | 46.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.10%  |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 119443   | 41.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.62%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 209057   | 106.06   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.06% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 310428   | 45.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 248485   | 44.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.62%  |

## Target Compounds

|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.11  | 101 | 2813  | 0.743 ug/L # | 23     |
| 35) Methylcyclohexane          | 6.07  | 83  | 58249 | 8.262 ug/L # | 18     |
| 59) 1,2,3-Trichloropropane     | 11.25 | 75  | 40436 | 7.086 ug/L   | 100    |

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





#10

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

Concen: 0.743 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019690.D

Acq: 18 Dec 2020 10:36

Instrument :

MSVOA\_V

ClientSampled :

VBLK71

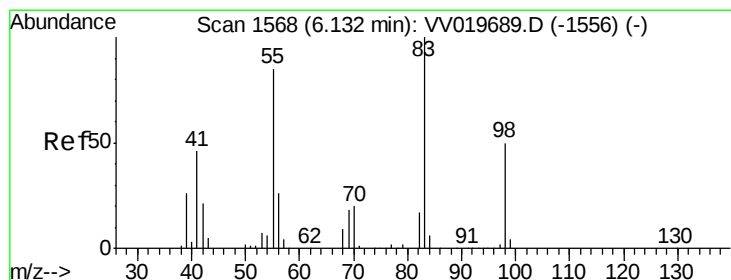
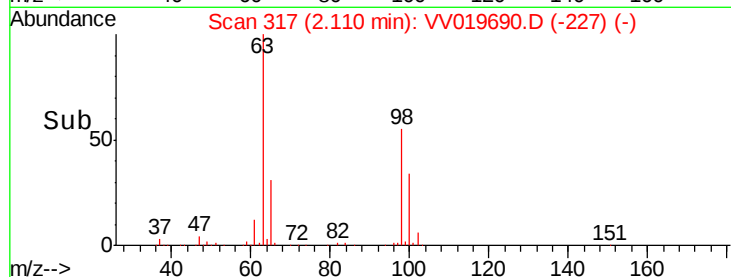
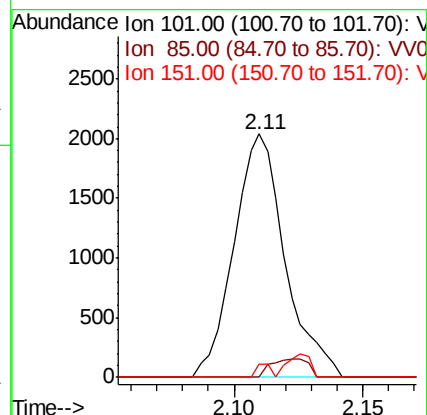
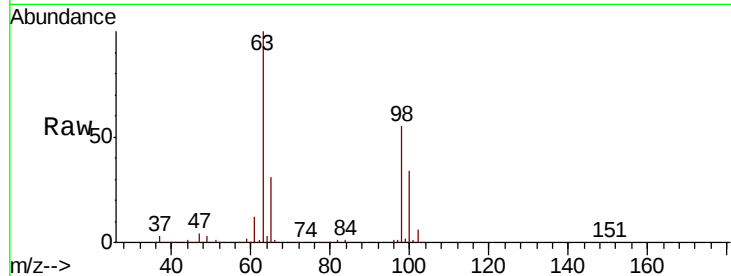
Tot Ion:101 Resp: 2813

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 1.5 55.8 83.8#



#35

Methylcyclohexane

Concen: 8.262 ug/L

RT: 6.07 min Scan# 1549

Delta R.T. -0.06 min

Lab File: VV019690.D

Acq: 18 Dec 2020 10:36

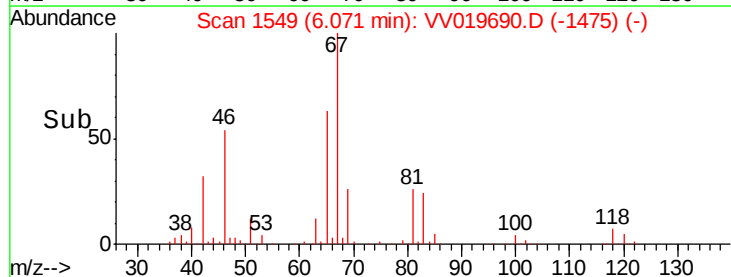
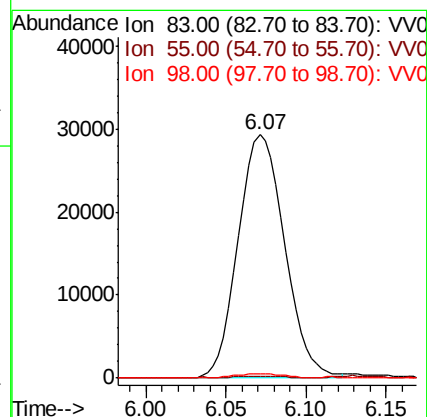
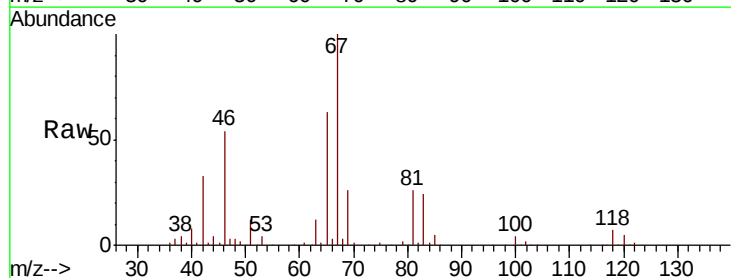
Tgt Ion: 83 Resp: 58249

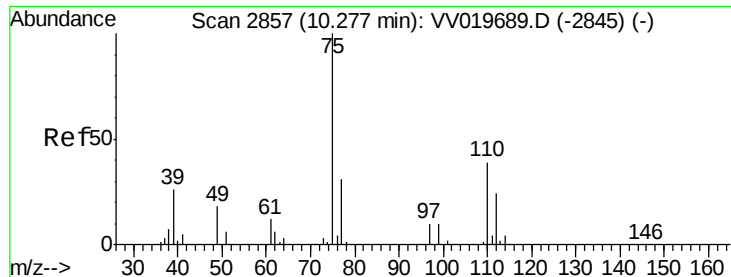
Ion Ratio Lower Upper

83 100

55 0.5 64.2 96.4#

98 1.8 39.3 58.9#





#59

1,2,3-Trichloropropane

Concen: 7.086 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019690.D

Acq: 18 Dec 2020 10:36

Instrument :

MSVOA\_V

ClientSampleId :

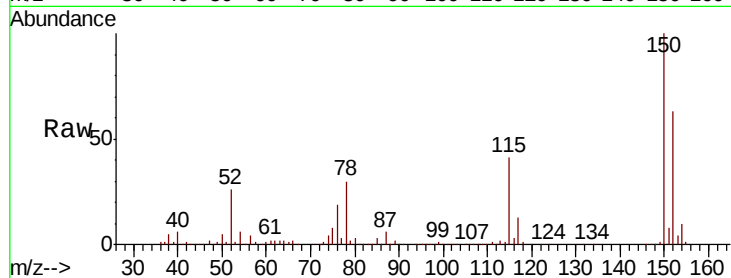
VBLK71

Tot Ion: 75 Resp: 40436

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

