

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\  
 Data File : VV019454.D  
 Acq On : 02 Dec 2020 17:27  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK70

Quant Time: Dec 03 05:52:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM112320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 03 05:50:19 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 367074   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 367559   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 170520   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 127319   | 34.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 69.46%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 124538   | 41.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.48%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 211596   | 32.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.84%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 238561   | 106.76   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.76% |
| 24) Chloroform-d               | 4.37    | 84    | 264066   | 44.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 182754   | 47.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.22%  |
| 32) Benzene-d6                 | 5.07    | 84    | 498661   | 45.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.78%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 174891   | 48.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.74%  |
| 41) Toluene-d8                 | 7.33    | 98    | 413977   | 42.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.04%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 79392    | 45.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.92%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 128132   | 89.94    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 206460   | 44.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.22%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.64   | 152   | 165076   | 49.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.70%  |

## Target Compounds

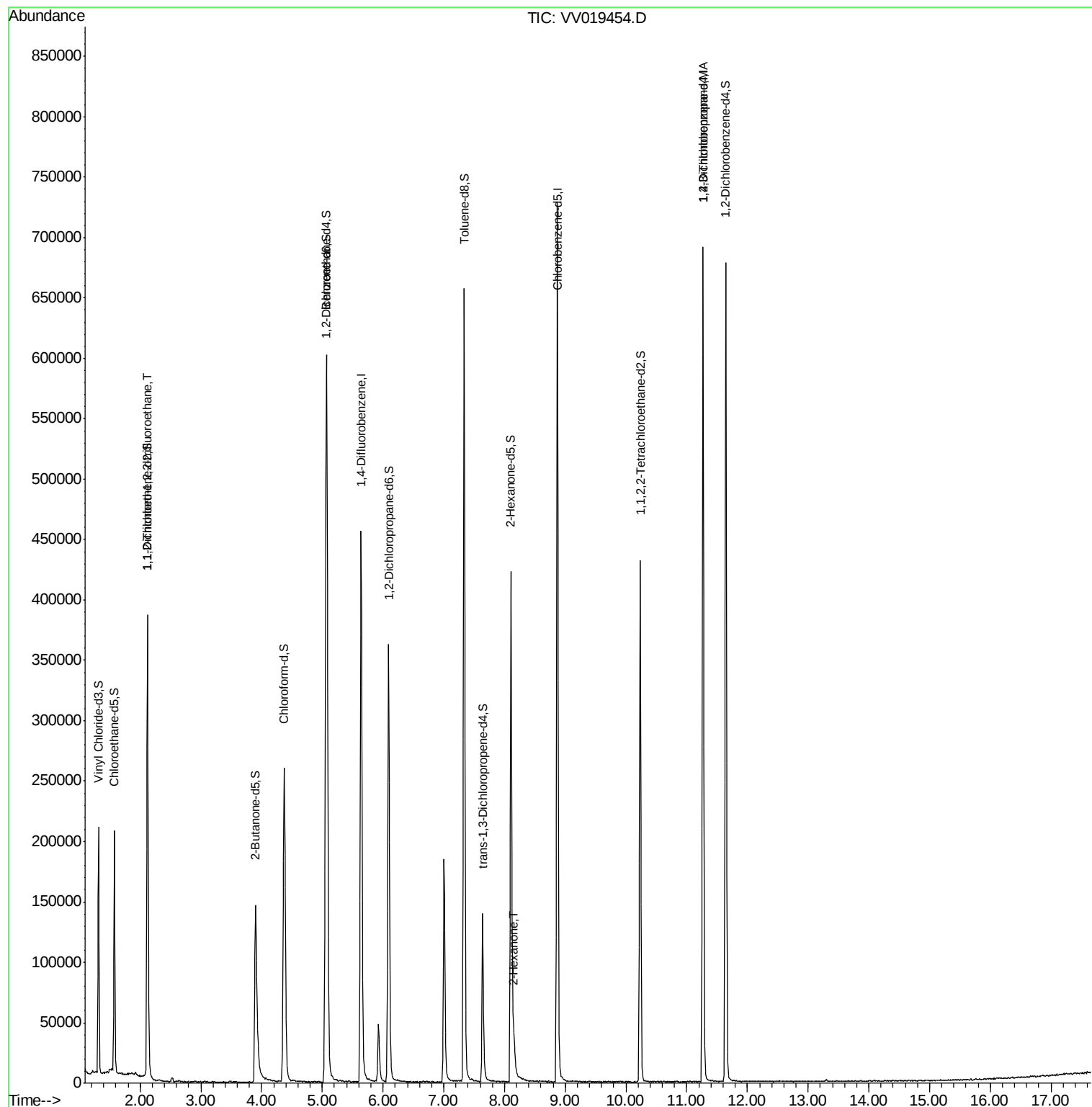
|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12  | 101 | 1909  | 0.742 ug/L # | 22     |
| 48) 2-Hexanone                 | 8.16  | 43  | 18086 | 5.338 ug/L # | 78     |
| 59) 1,2,3-Trichloropropane     | 11.27 | 75  | 23183 | 5.817 ug/L   | 100    |

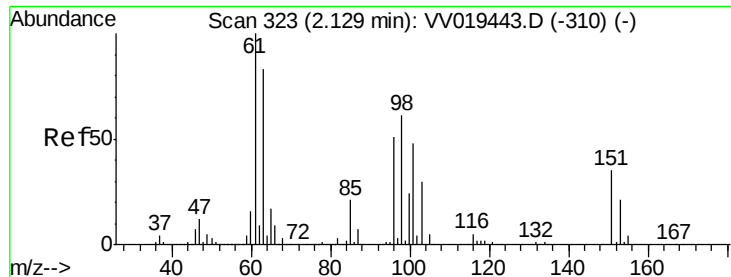
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.742 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019454.D

Acq: 02 Dec 2020 17:27

Instrument :

MSVOA\_V

ClientSampleId :

VIBLK70

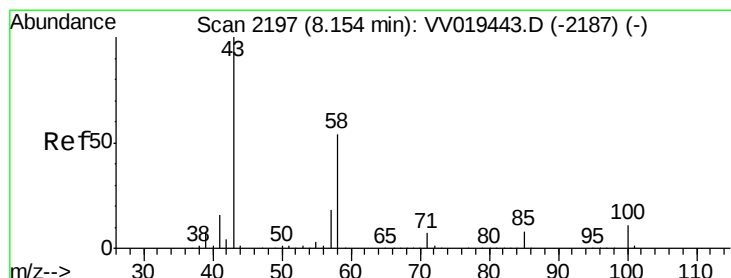
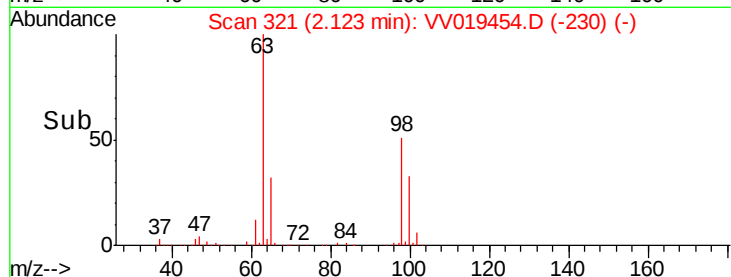
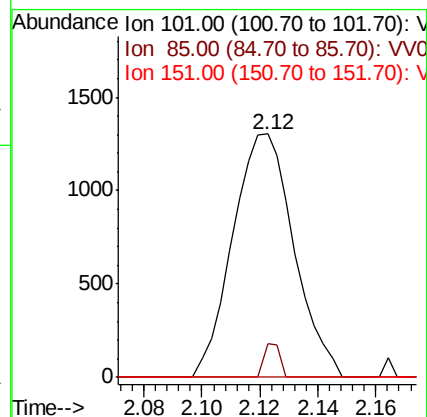
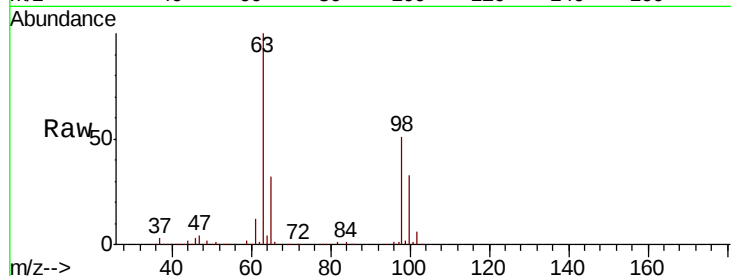
Tot Ion:101 Resp: 1909

Ion Ratio Lower Upper

101 100

85 3.6 35.5 53.3#

151 0.0 58.9 88.3#



#48

2-Hexanone

Concen: 5.338 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV019454.D

Acq: 02 Dec 2020 17:27

Tgt Ion: 43 Resp: 18086

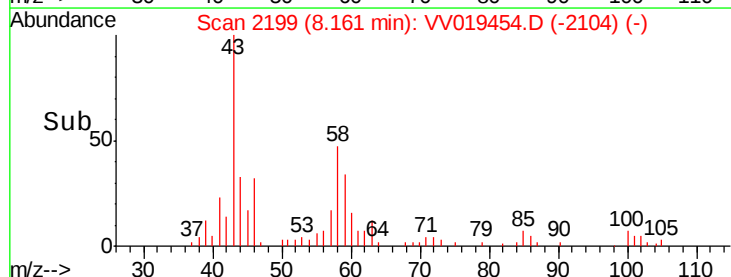
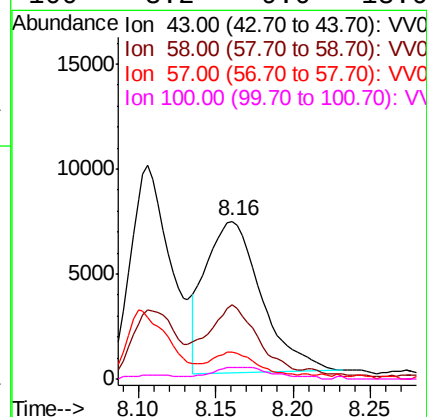
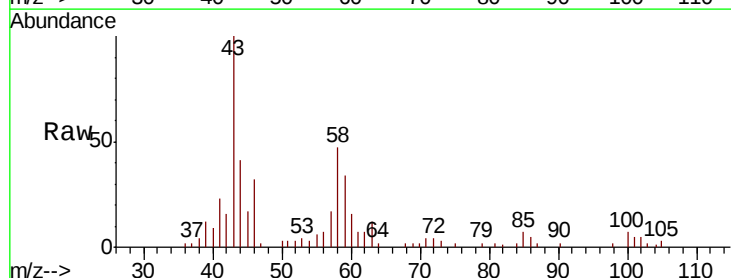
Ion Ratio Lower Upper

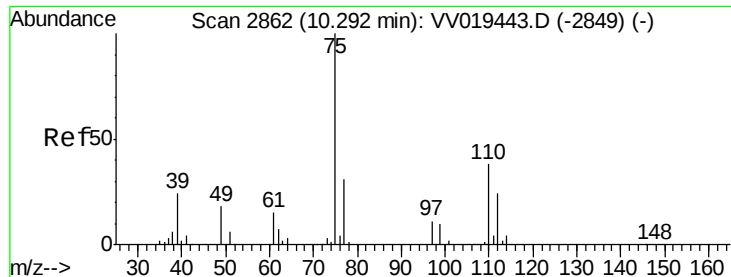
43 100

58 37.7 43.8 65.6#

57 12.0 15.4 23.2#

100 3.2 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 5.817 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV019454.D

Acq: 02 Dec 2020 17:27

Instrument :

MSVOA\_V

ClientSampleId :

VIBLK70

Tot Ion: 75 Resp: 23183

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

