

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112520\  
 Data File : VV019438.D  
 Acq On : 25 Nov 2020 10:25  
 Operator : SY/MD  
 Sample : VV1125MBL01  
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 26 00:25:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM112320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 26 00:24:16 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 385377   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 389256   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 184391   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 152104   | 39.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.04% |
| 7) Chloroethane-d5             | 1.58    | 69    | 134310   | 42.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 85.74% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 228320   | 33.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.66% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 216976   | 92.49    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.49% |
| 24) Chloroform-d               | 4.37    | 84    | 267781   | 43.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.08% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 184272   | 45.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.48% |
| 32) Benzene-d6                 | 5.07    | 84    | 510910   | 44.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.78% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 176526   | 46.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.20% |
| 41) Toluene-d8                 | 7.33    | 98    | 436070   | 42.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.60% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 80467    | 43.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.02% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 119752   | 79.37    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.37% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 199246   | 40.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 80.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 172213   | 48.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.18% |

## Target Compounds

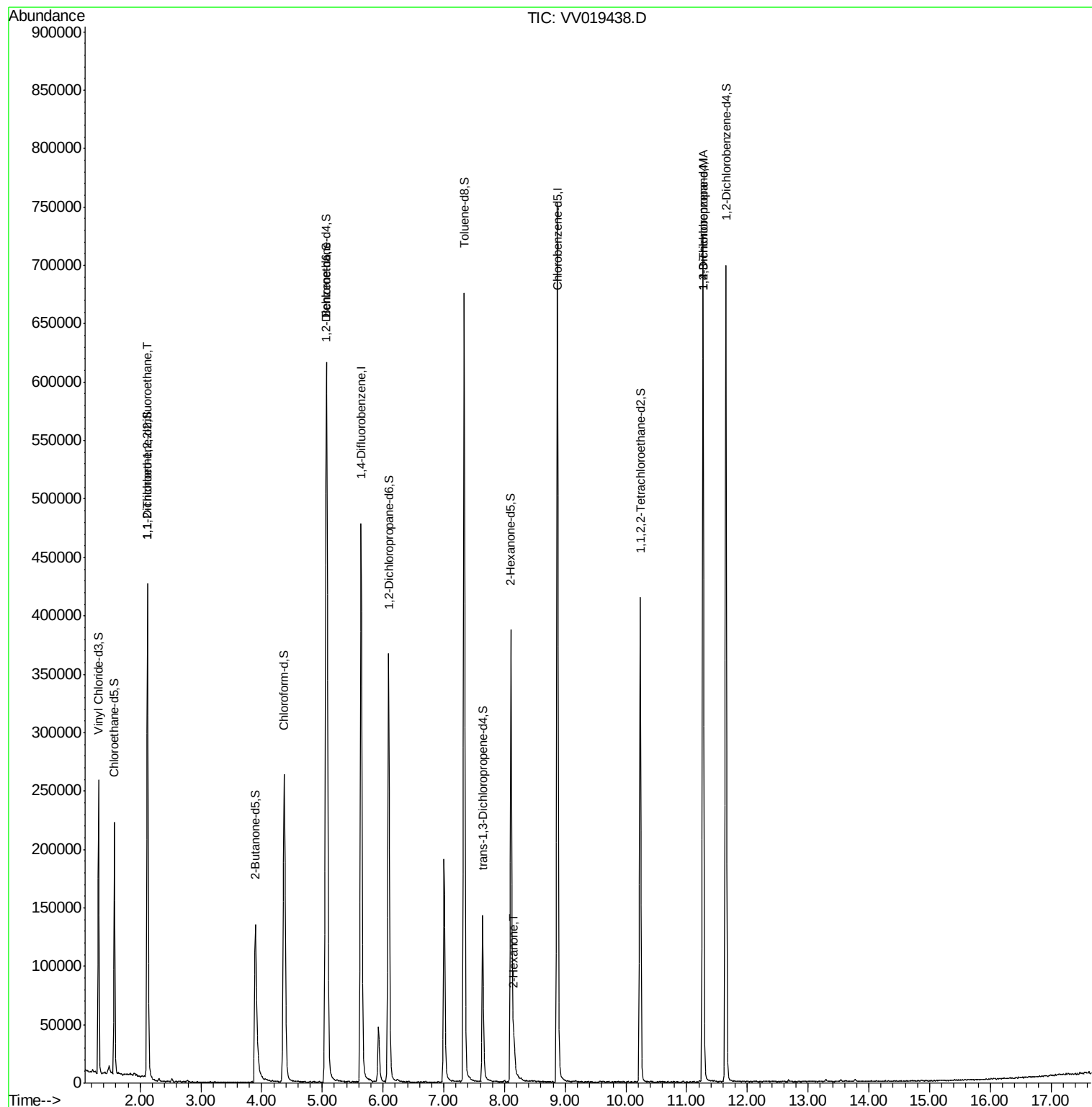
|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12  | 101 | 2160  | 0.799 ug/L # | 21     |
| 48) 2-Hexanone                 | 8.16  | 43  | 16679 | 4.648 ug/L # | 79     |
| 59) 1,2,3-Trichloropropane     | 11.27 | 75  | 21715 | 5.145 ug/L   | 98     |

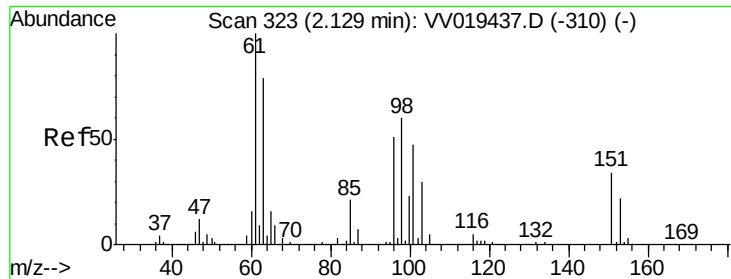
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112520\  
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Sample : VV1125MBL01  
Misc : 5.0µL/5.0mL/100µL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Nov 26 00:25:16 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM112320WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Nov 26 00:24:16 2020  
Response via : Initial Calibration





#10

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

Concen: 0.799 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019438.D

Acq: 25 Nov 2020 10:25

Instrument :

MSVOA\_V

ClientSampleId :

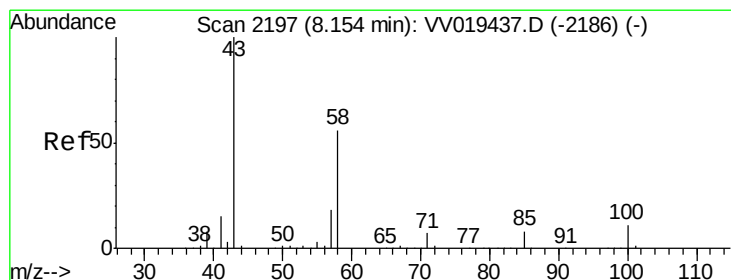
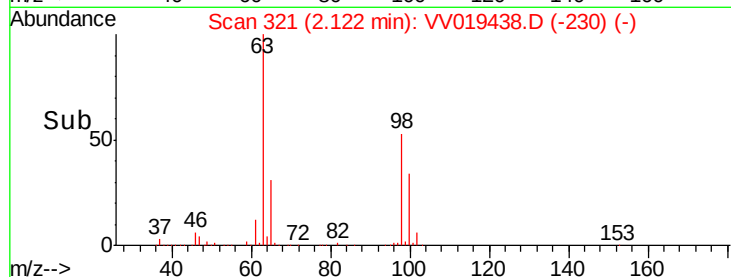
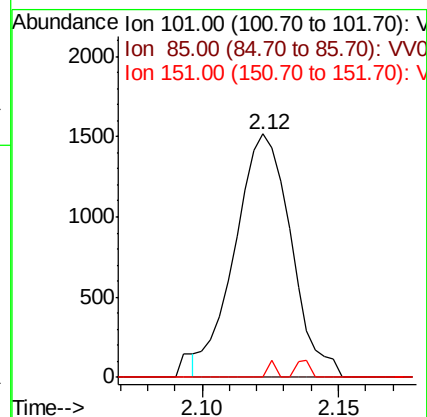
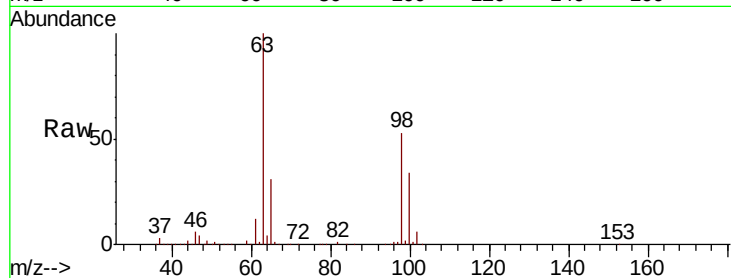
Tot Ion:101 Resp: 2160

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

151 1.8 58.9 88.3#



#48

2-Hexanone

Concen: 4.648 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV019438.D

Acq: 25 Nov 2020 10:25

Tgt Ion: 43 Resp: 16679

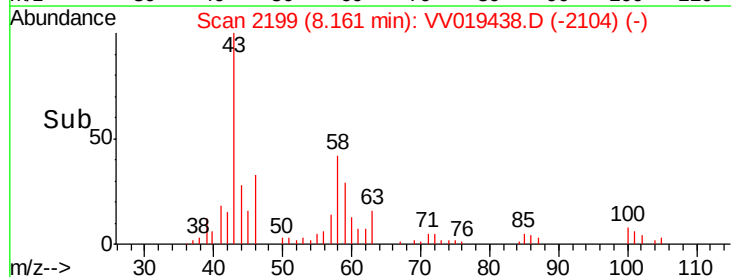
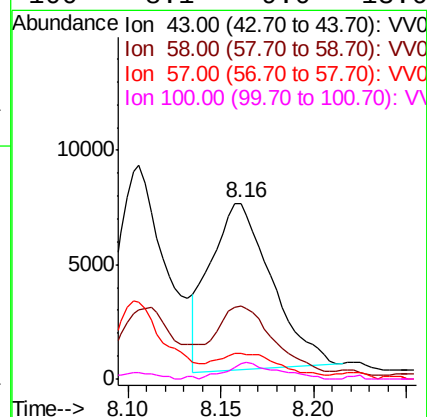
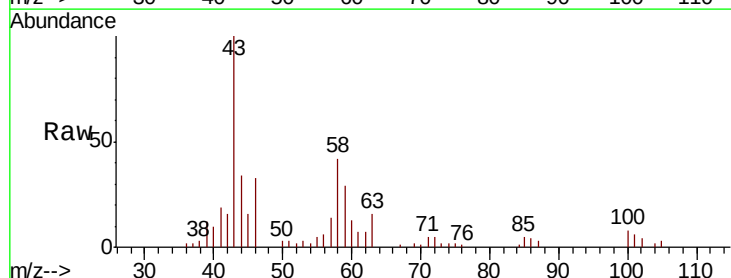
Ion Ratio Lower Upper

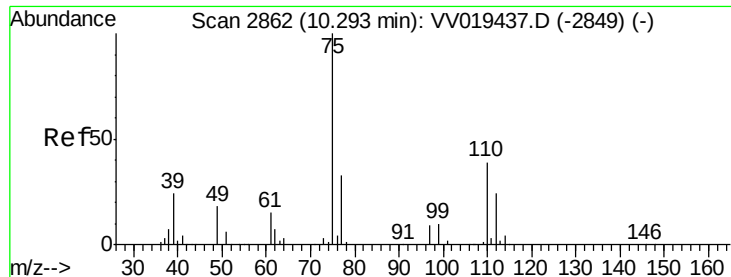
43 100

58 42.2 43.8 65.6#

57 1.2 15.4 23.2#

100 8.1 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 5.145 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019438.D

Acq: 25 Nov 2020 10:25

Instrument :

MSVOA\_V

ClientSampleId :

Tot Ion: 75 Resp: 21715

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

