

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\  
 Data File : VV019281.D  
 Acq On : 05 Nov 2020 16:21  
 Operator : SY/MD  
 Sample : L4615-11MERE  
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG483MERE

Quant Time: Nov 05 23:45:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 05 22:32:19 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 241367   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 242972   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 117660   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 83531    | 43.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.10%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 73036    | 49.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.02%  |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 129242   | 35.42    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.84%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 120331   | 102.43   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.43% |
| 24) Chloroform-d               | 4.37    | 84    | 174186   | 48.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.64%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 131084   | 52.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.44% |
| 32) Benzene-d6                 | 5.07    | 84    | 334110   | 48.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.94%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 106584   | 51.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.72% |
| 41) Toluene-d8                 | 7.33    | 98    | 299829   | 45.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.56%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 55363    | 46.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.10%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 82697    | 92.92    | ug/L | 0.04    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 128832   | 46.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.98%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 125065   | 50.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.18% |

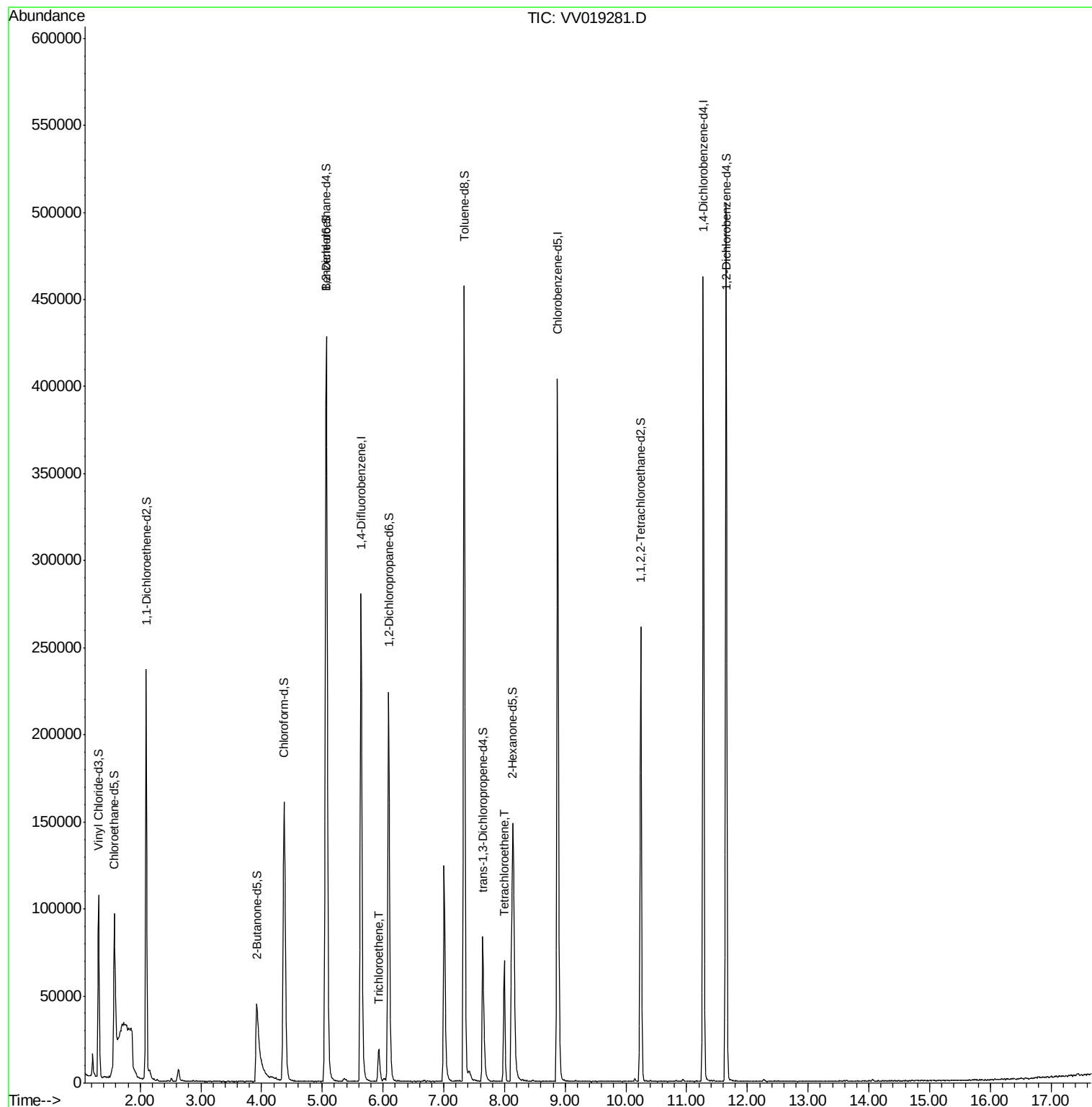
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 34) Trichloroethene   | 5.94 | 95  | 2451  | 1.277 ug/L | 85     |
| 46) Tetrachloroethene | 8.00 | 164 | 15897 | 9.701 ug/L | 98     |

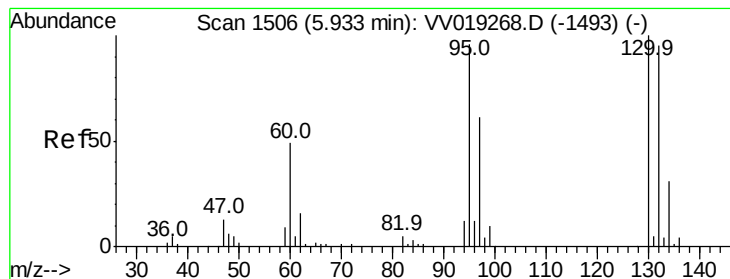
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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Quant Title : VOC Analysis  
QLast Update : Thu Nov 05 22:32:19 2020  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.277 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV019281.D

Acq: 05 Nov 2020 16:21

Instrument :

MSVOA\_V

ClientSampleId :

BG483MERE

Tot Ion: 95 Resp: 2451

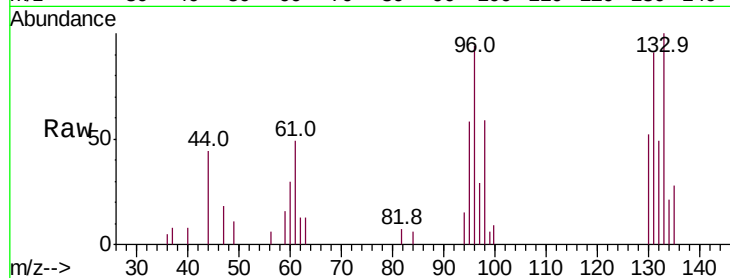
Ion Ratio Lower Upper

95 100

97 50.6 43.4 80.6

132 84.0 69.7 129.4

130 88.8 72.4 134.5

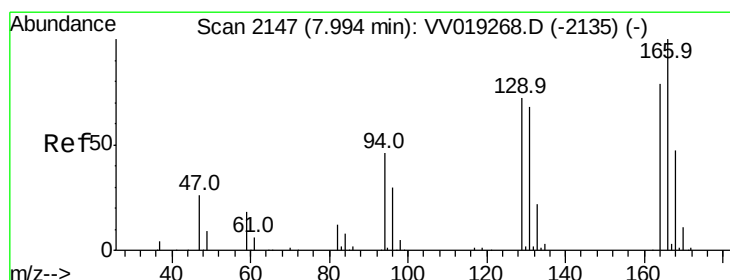
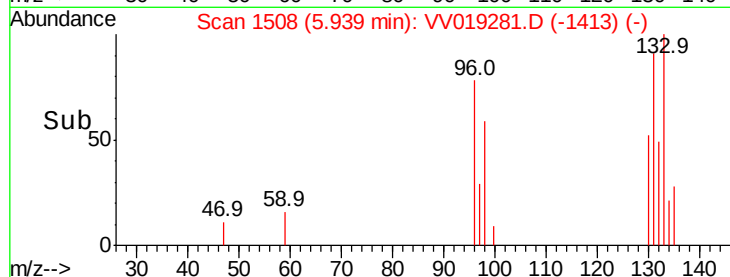
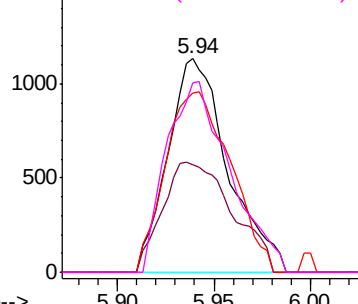


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 9.701 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019281.D

Acq: 05 Nov 2020 16:21

Tgt Ion: 164 Resp: 15897

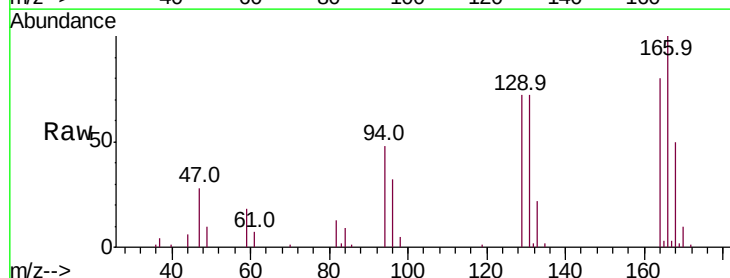
Ion Ratio Lower Upper

164 100

129 89.8 63.2 117.4

131 90.3 60.3 112.1

166 125.3 88.3 163.9



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

