

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111120\  
 Data File : VV019341.D  
 Acq On : 11 Nov 2020 17:37  
 Operator : SY/MD  
 Sample : L4693-08ME 20X  
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4D8ME

Quant Time: Nov 12 01:42:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 12 00:41:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 263233   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 261218   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 125356   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 101549   | 48.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.08%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 81562    | 50.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.38% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 147714   | 37.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.24%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 124319   | 97.03    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.03%  |
| 24) Chloroform-d               | 4.37    | 84    | 177915   | 45.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 125016   | 46.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.22%  |
| 32) Benzene-d6                 | 5.07    | 84    | 347265   | 46.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.72%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 110331   | 49.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.88%  |
| 41) Toluene-d8                 | 7.34    | 98    | 306859   | 43.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.22%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 53083    | 41.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.04%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 75479    | 78.88    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 78.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 130340   | 43.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.50%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 126655   | 48.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.18%  |

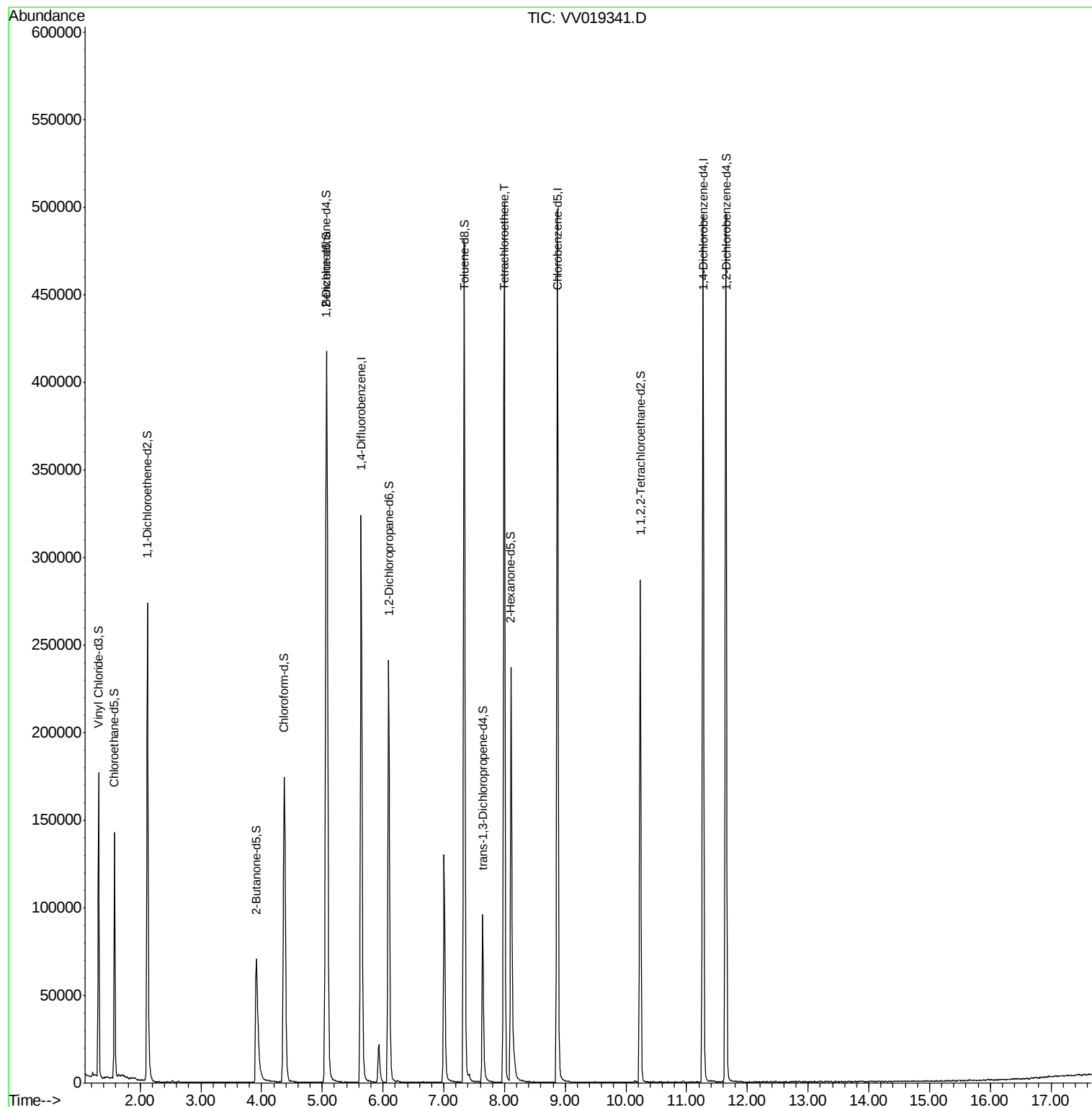
| Target Compounds      |      |     |        |             | Ovalue |
|-----------------------|------|-----|--------|-------------|--------|
| 46) Tetrachloroethene | 7.99 | 164 | 113353 | 64.339 ug/L | 100    |

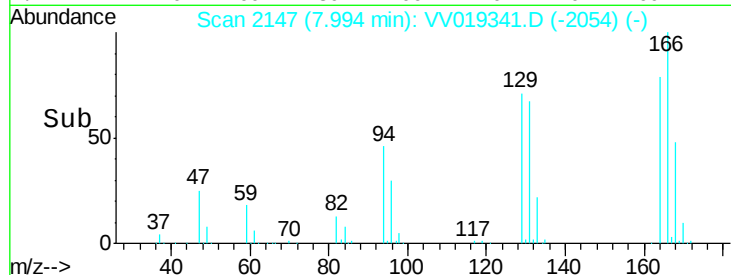
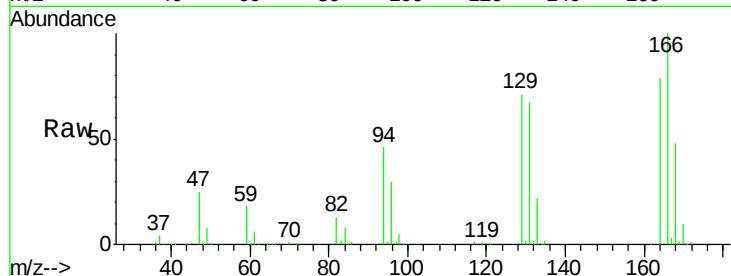
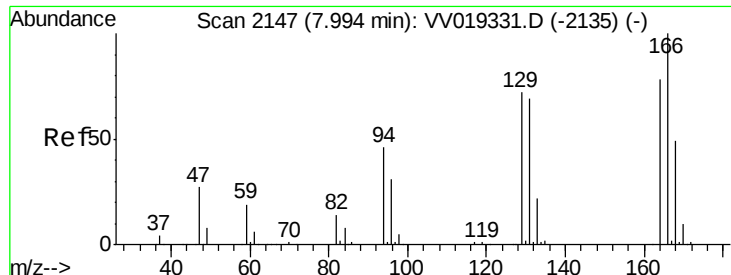
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#46

Tetrachloroethene

Concen: 64.339 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019341.D

Acq: 11 Nov 2020 17:37

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG4D8ME

Tot Ion:164 Resp: 113353

Ion Ratio Lower Upper

164 100

129 90.3 63.2 117.4

131 85.4 60.3 112.1

166 126.6 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

