

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\  
 Data File : VV018954.D  
 Acq On : 16 Oct 2020 21:59  
 Operator : SY/MD  
 Sample : L4426-12ME  
 Misc : 5.27g/5.0mL/100ul/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3Y7ME

Quant Time: Oct 17 23:01:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM101420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 17 05:56:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 313268   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.88  | 117  | 312323   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.28 | 152  | 144957   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 114339   | 44.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.68% |
| 7) Chloroethane-d5             | 1.57    | 69    | 87968    | 43.06    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.12% |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 178865   | 36.74    | ug/L | -0.02  |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.48% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 158585   | 88.23    | ug/L | 0.02   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.23% |
| 24) Chloroform-d               | 4.37    | 84    | 213139   | 46.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.00% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 149407   | 48.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.16% |
| 32) Benzene-d6                 | 5.07    | 84    | 410745   | 45.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.10% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 133146   | 45.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.34% |
| 41) Toluene-d8                 | 7.34    | 98    | 367373   | 44.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.82% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 63010    | 44.22    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.44% |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 88655    | 81.87    | ug/L | 0.04   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.87% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 134676   | 39.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 78.84% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 141829   | 48.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.18% |

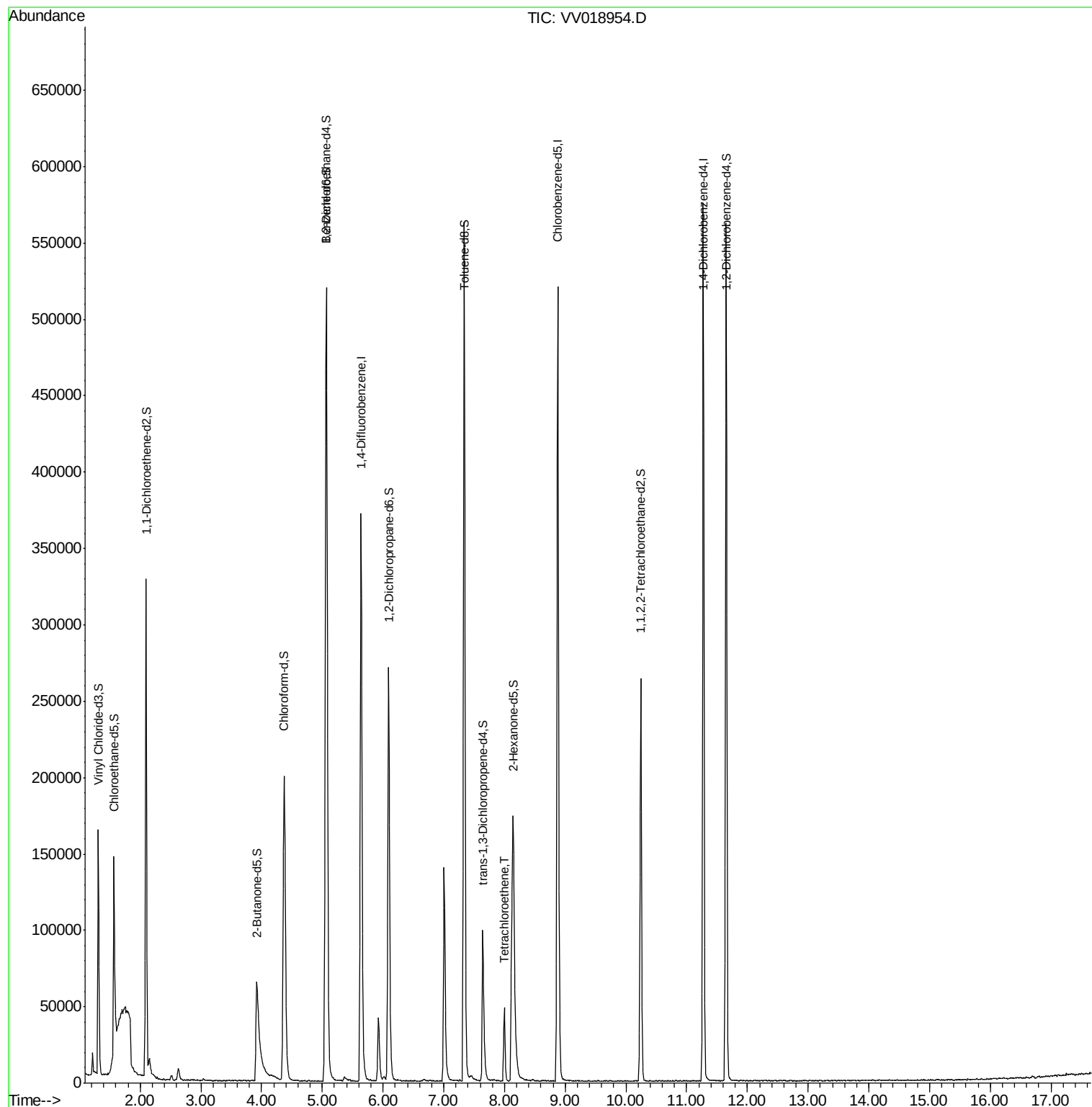
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 10939 | 5.622 ug/L | 98     |

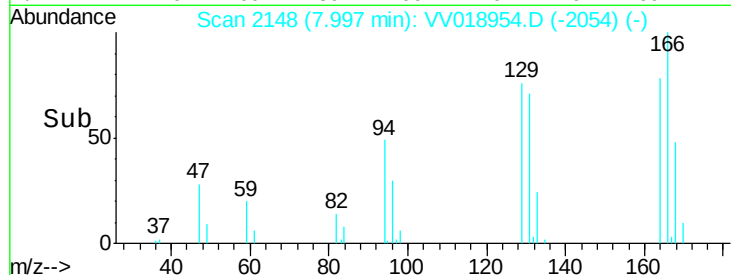
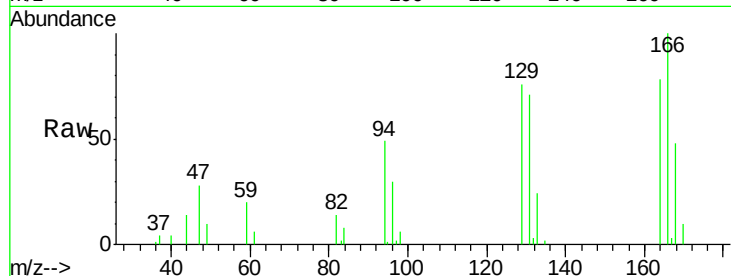
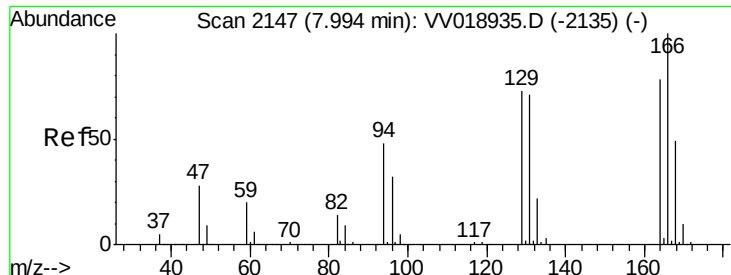
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 5.622 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018954.D

Acq: 16 Oct 2020 21:59

Instrument :

MSVOA\_V

ClientSampleId :

BG3Y7ME

Tot Ion:164 Resp: 10939

Ion Ratio Lower Upper

164 100

129 97.0 65.0 120.8

131 91.4 62.9 116.7

166 128.2 91.1 169.3

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

