

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\  
 Data File : VV017286.D  
 Acq On : 01 Jul 2020 13:35  
 Operator : SY/MD  
 Sample : L3150-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETYJ1

Quant Time: Jul 02 04:41:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 02 03:02:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 171244   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 169486   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 77720    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 47219    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 41693    | 5.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 111.60% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 71784    | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.40%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 134251   | 51.25    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.50% |
| 24) Chloroform-d               | 4.38   | 84    | 113236   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 64158    | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 110.00% |
| 32) Benzene-d6                 | 5.08   | 84    | 204379   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 61620    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.60%  |
| 41) Toluene-d8                 | 7.34   | 98    | 172425   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.60%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 23664    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.40%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 92121    | 44.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.20%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 44554    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.80% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 75099    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.60% |

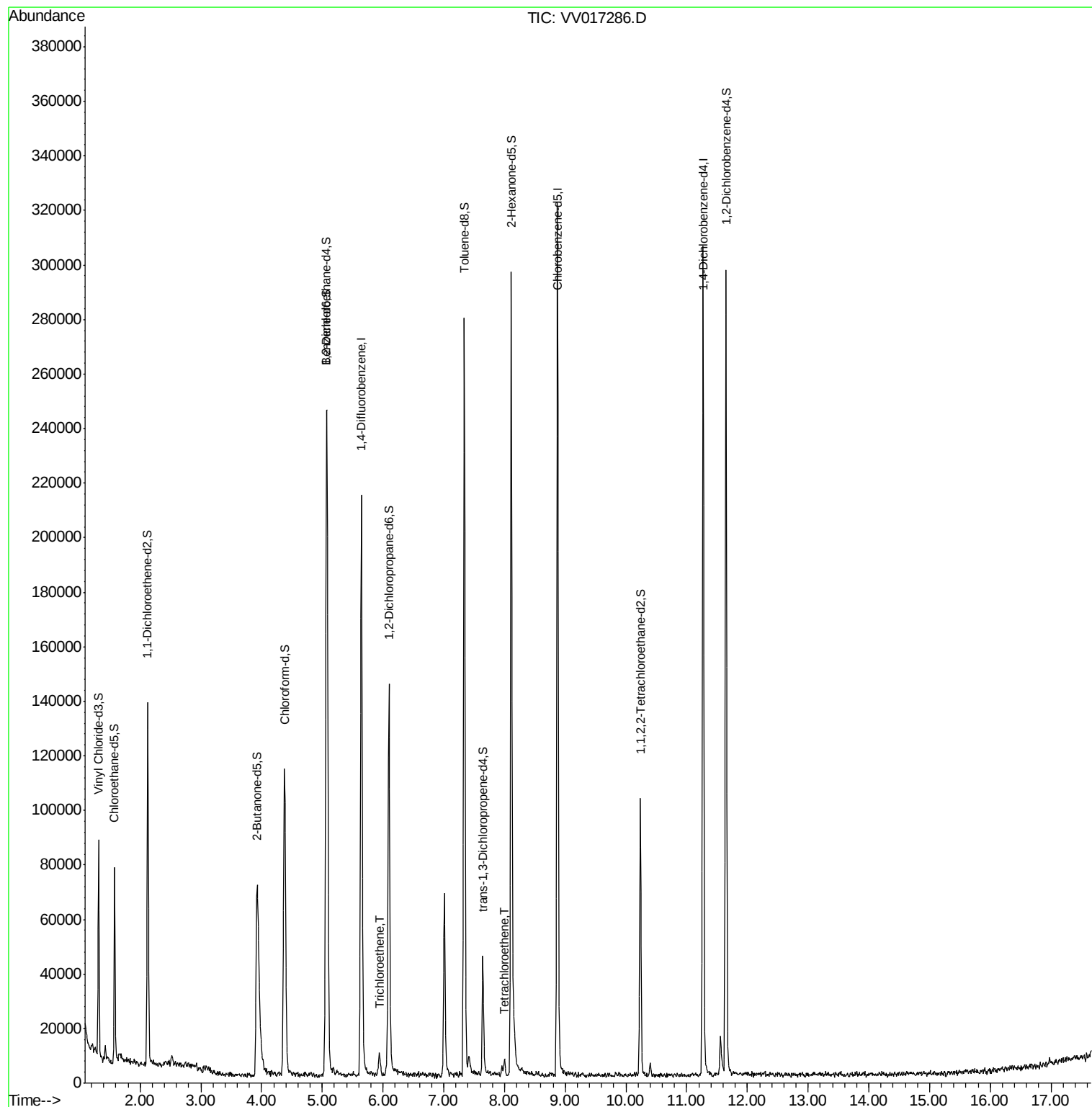
| Target Compounds      |      |     |      |              | Ovalue |
|-----------------------|------|-----|------|--------------|--------|
| 34) Trichloroethene   | 5.94 | 95  | 1541 | 0.119 ug/L   | 95     |
| 49) Tetrachloroethene | 7.99 | 164 | 1030 | 0.098 ug/L # | 70     |

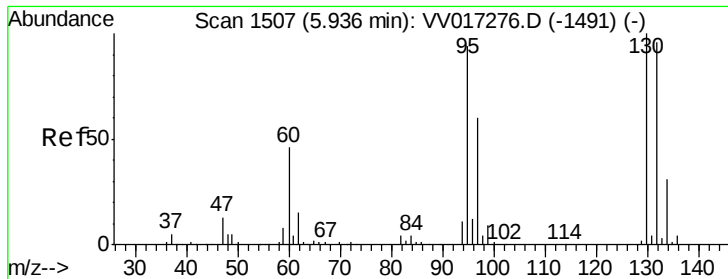
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 02 03:02:49 2020  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.119 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017286.D

Acq: 01 Jul 2020 13:35

Instrument :

MSVOA\_V

ClientSampleId :

ETYJ1

Tot Ion: 95 Resp: 1541

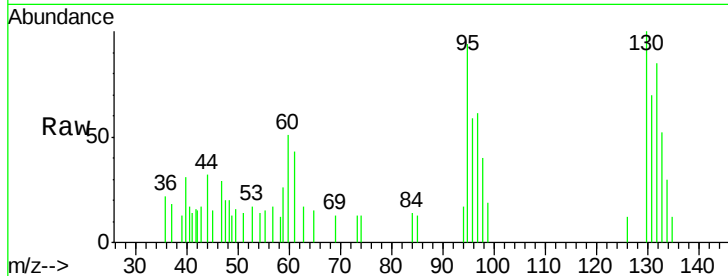
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 90.5 68.8 127.8

130 106.5 70.2 130.4



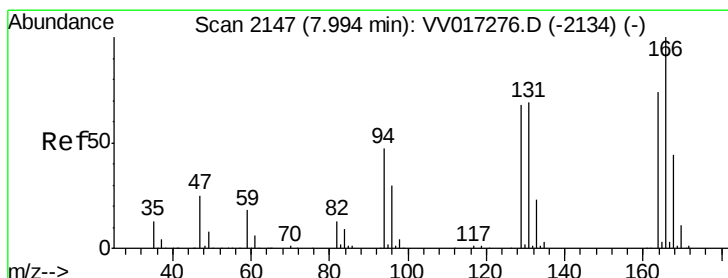
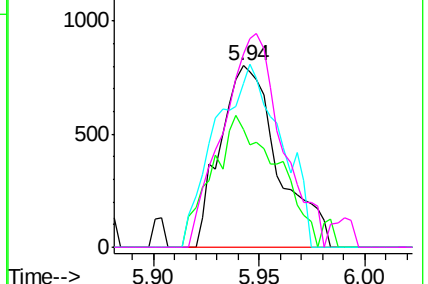
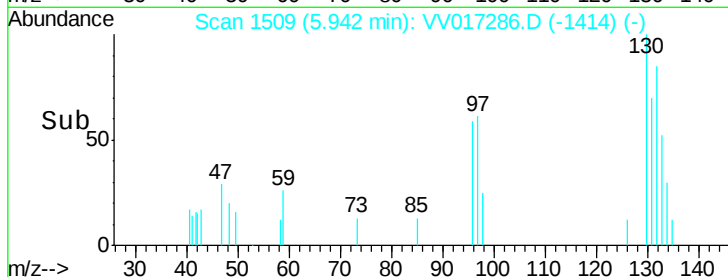
Abundance

Ion 95.00 (94.70 to 95.70): VV017276.D (-1491) (-)

Ion 96.95 (96.65 to 97.65): VV017276.D (-1491) (-)

Ion 131.95 (131.65 to 132.65): VV017276.D (-1491) (-)

Ion 129.95 (129.65 to 130.65): VV017276.D (-1491) (-)



#49

Tetrachloroethene

Concen: 0.098 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV017286.D

Acq: 01 Jul 2020 13:35

Tgt Ion: 164 Resp: 1030

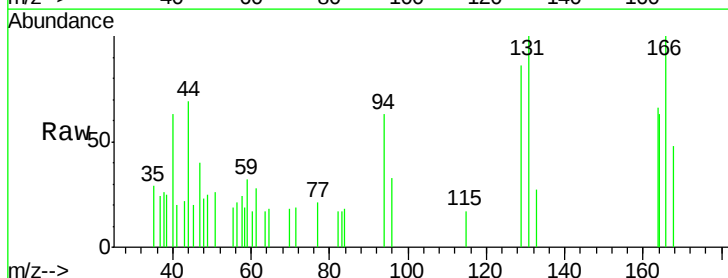
Ion Ratio Lower Upper

164 100

129 67.2 65.2 121.0

131 77.8 64.1 119.1

166 77.9 90.2 167.4#



Abundance

Ion 163.90 (163.60 to 164.60): VV017276.D (-2134) (-)

Ion 128.95 (128.65 to 129.65): VV017276.D (-2134) (-)

Ion 130.95 (130.65 to 131.65): VV017276.D (-2134) (-)

Ion 165.90 (165.60 to 166.60): VV017276.D (-2134) (-)

