

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\  
 Data File : VV010615.D  
 Acq On : 01 May 2019 20:17  
 Operator : SY/MD  
 Sample : K2590-02DL2 1000X  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0X80DL2

Quant Time: May 02 09:44:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 02 08:18:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 78091    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 73986    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 29796    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 20913    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 12819    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 33338    | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.80%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 57329    | 53.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.38% |
| 24) Chloroform-d               | 4.40   | 84    | 47172    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 25029    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 98230    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 30911    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 109.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 86712    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 9426     | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 47107    | 58.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 116.96% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 20678    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 30773    | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.00% |

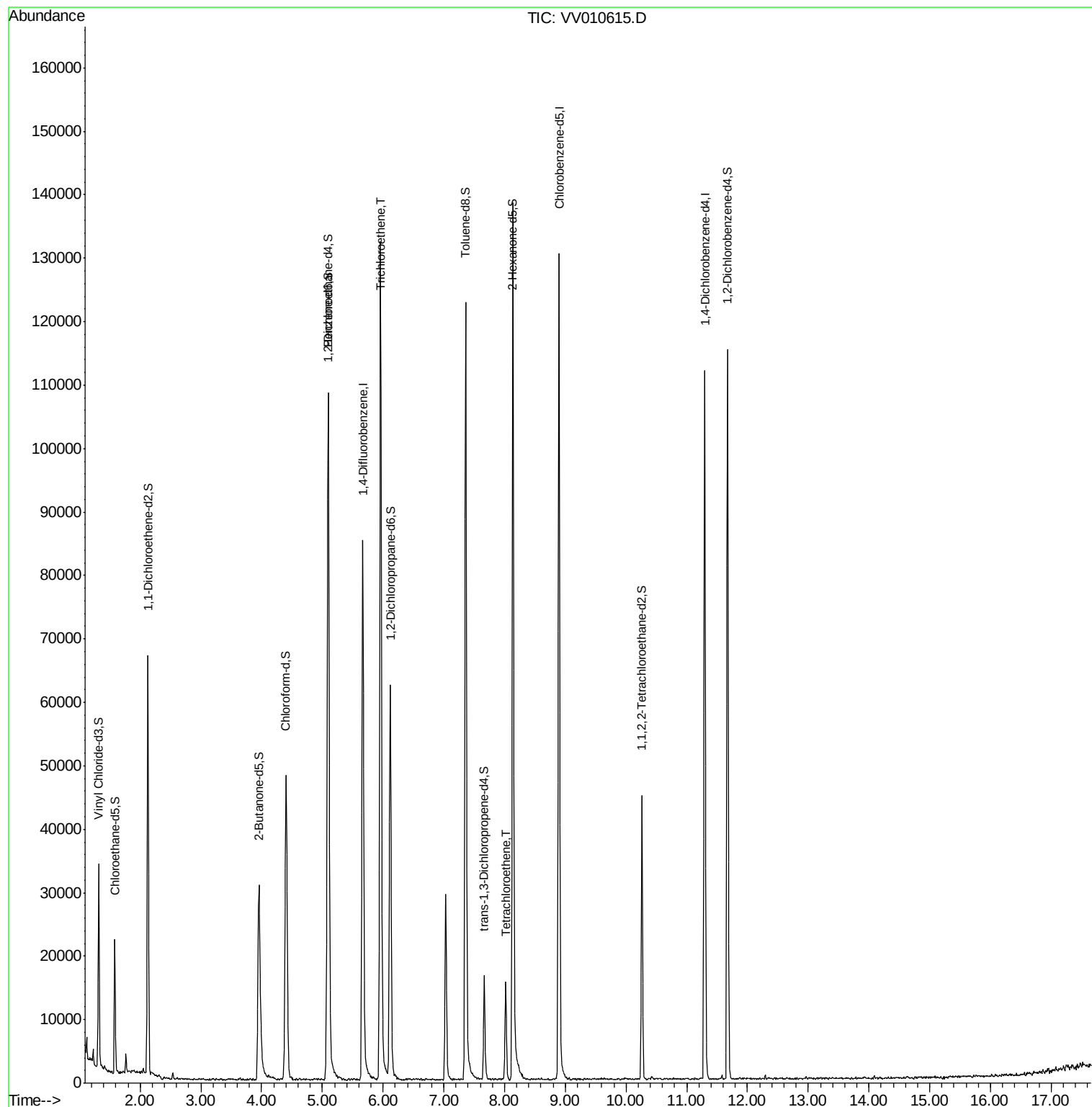
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 34) Trichloroethene   | 5.96 | 95  | 48309 | 8.416 ug/L | 98     |
| 47) Tetrachloroethene | 8.02 | 164 | 3467  | 0.765 ug/L | 93     |

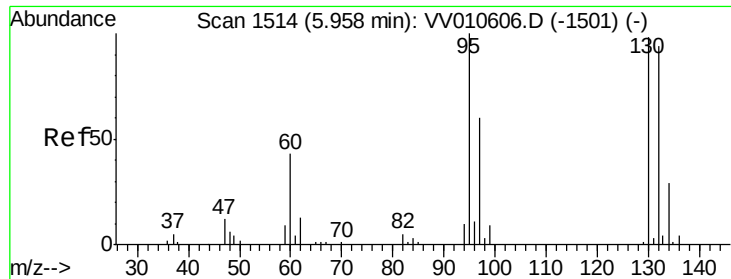
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 08:18:34 2019  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 8.416 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010615.D

Acq: 01 May 2019 20:17

Instrument :

MSVOA\_V

ClientSampleId :

C0X80DL2

Tot Ion: 95 Resp: 48309

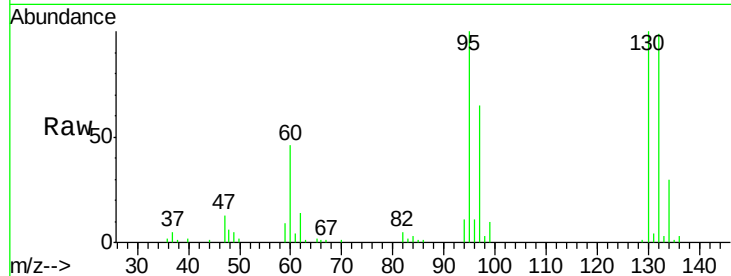
Ion Ratio Lower Upper

95 100

97 65.1 42.4 78.6

132 99.2 69.3 128.7

130 99.6 70.3 130.7

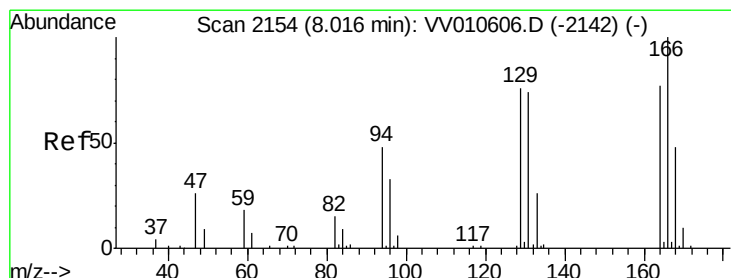
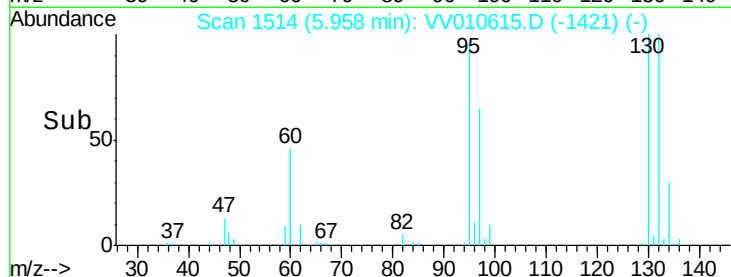
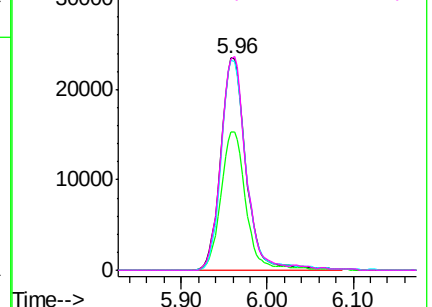


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.765 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV010615.D

Acq: 01 May 2019 20:17

Tgt Ion: 164 Resp: 3467

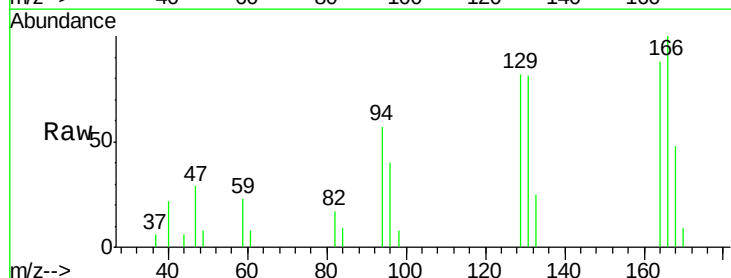
Ion Ratio Lower Upper

164 100

129 93.8 69.9 129.7

131 92.3 65.6 121.8

166 113.9 88.9 165.1



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

