

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\  
 Data File : VV017683.D  
 Acq On : 27 Jul 2020 17:30  
 Operator : SY/MD  
 Sample : L3346-09  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4C37

Quant Time: Jul 28 06:38:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 28 04:52:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 161257   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 156946   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 74448    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 30167    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 26237    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 66963    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.60%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 74331    | 40.35    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 80.70%  |
| 24) Chloroform-d               | 4.37   | 84    | 83992    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 45203    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 32) Benzene-d6                 | 5.07   | 84    | 143781   | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 40425    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.00%  |
| 41) Toluene-d8                 | 7.34   | 98    | 132138   | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.60%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 16719    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.80%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 47266    | 34.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 69.98%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 27148    | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 81.20%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 56392    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

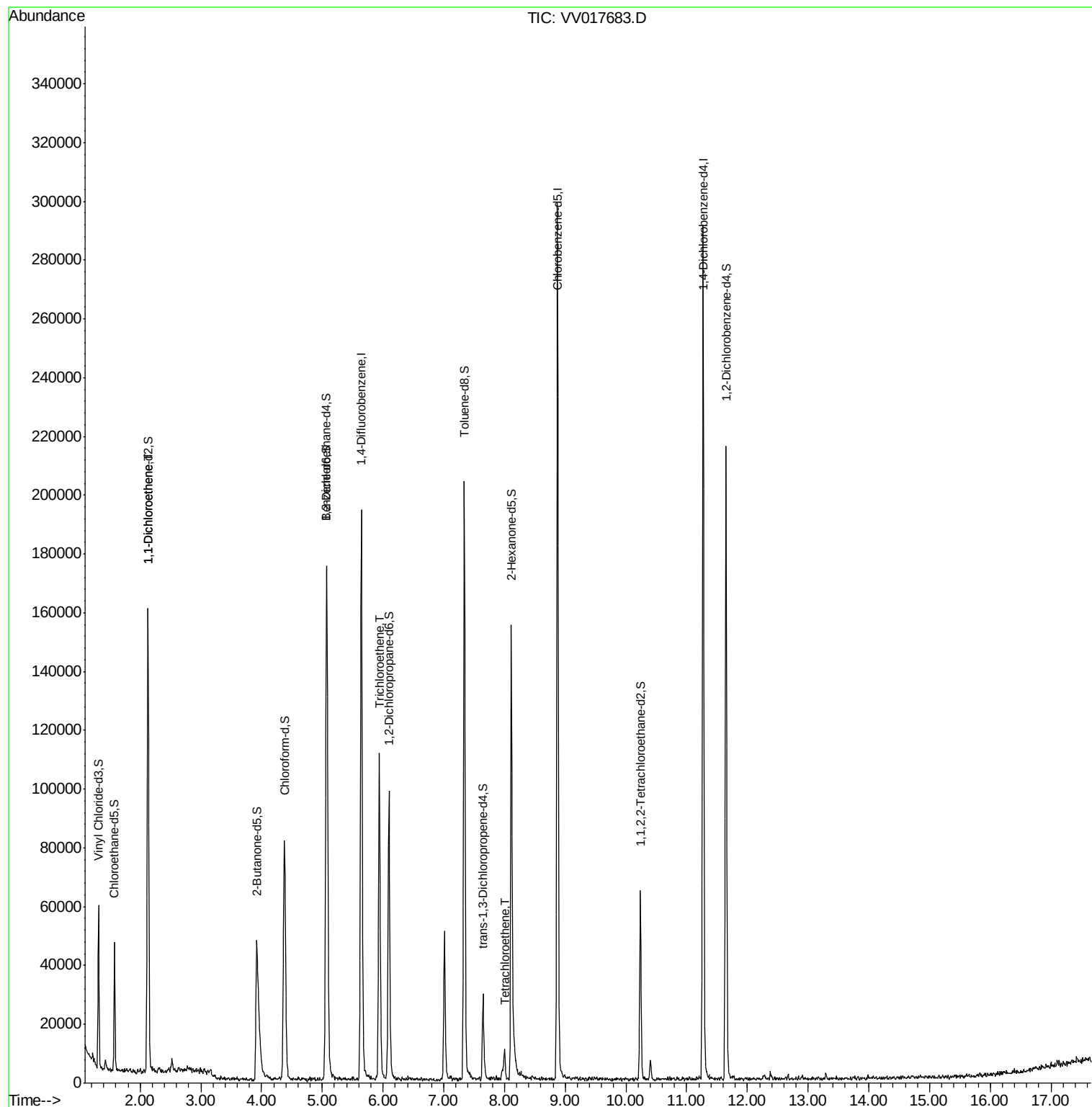
| Target Compounds       |      |     |       |            | Ovalue |
|------------------------|------|-----|-------|------------|--------|
| 12) 1,1-Dichloroethene | 2.14 | 96  | 25268 | 2.910 ug/L | 89     |
| 34) Trichloroethene    | 5.94 | 95  | 36012 | 2.902 ug/L | 98     |
| 49) Tetrachloroethene  | 8.00 | 164 | 2252  | 0.206 ug/L | 92     |

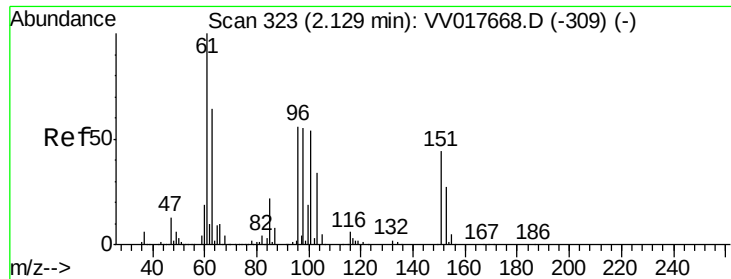
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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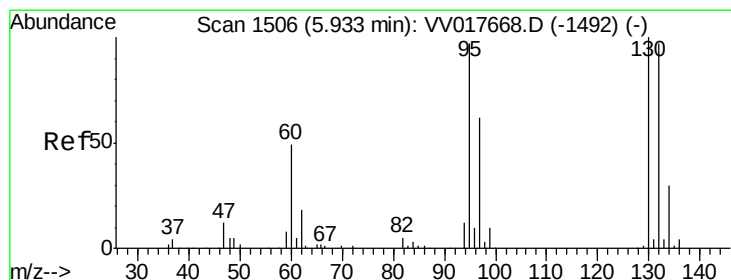
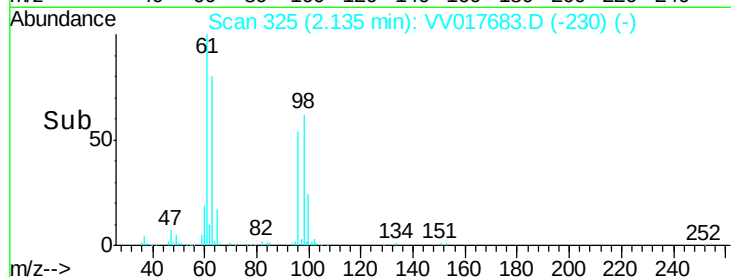
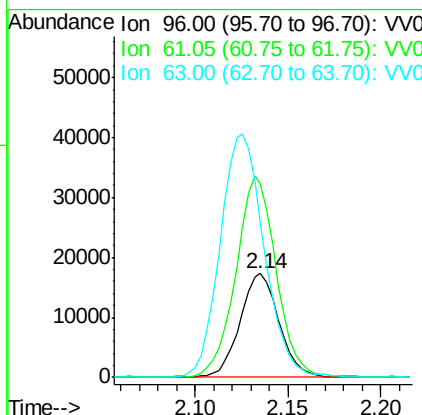
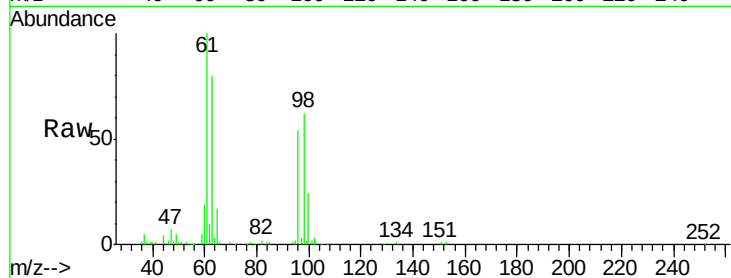




#12  
 1,1-Dichloroethene  
 Concen: 2.910 ug/L  
 RT: 2.14 min Scan# 325  
 Delta R.T. 0.01 min  
 Lab File: VV017683.D  
 Acq: 27 Jul 2020 17:30

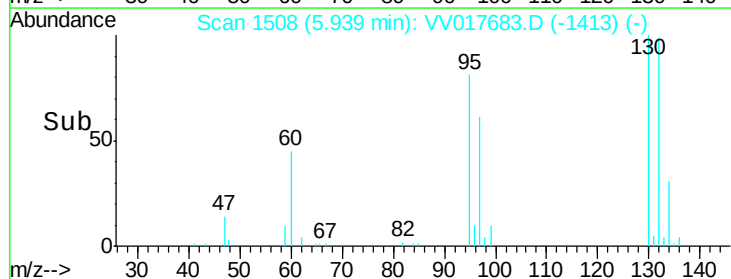
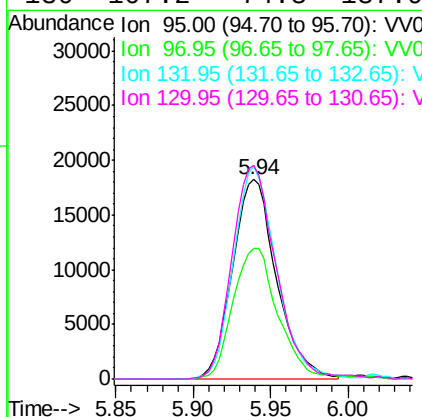
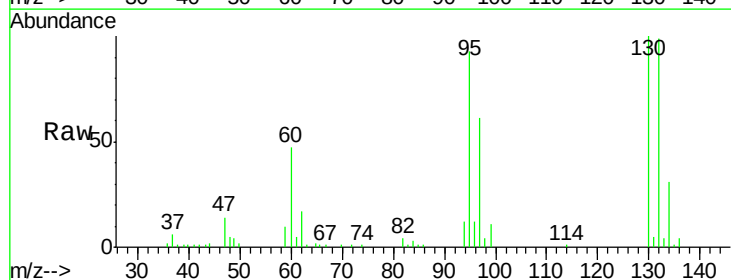
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4C37

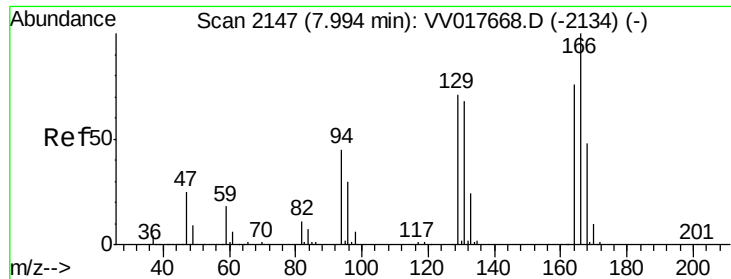
Tot Ion: 96 Resp: 25268  
 Ion Ratio Lower Upper  
 96 100  
 61 186.8 123.1 228.7  
 63 149.3 91.2 169.4



#34  
 Trichloroethene  
 Concen: 2.902 ug/L  
 RT: 5.94 min Scan# 1508  
 Delta R.T. 0.01 min  
 Lab File: VV017683.D  
 Acq: 27 Jul 2020 17:30

Tgt Ion: 95 Resp: 36012  
 Ion Ratio Lower Upper  
 95 100  
 97 65.8 46.1 85.5  
 132 106.5 71.7 133.1  
 130 107.2 74.3 137.9





#49

Tetrachloroethene

Concen: 0.206 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017683.D

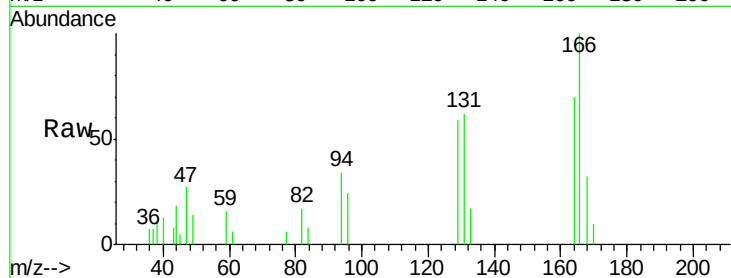
Acq: 27 Jul 2020 17:30

Instrument :

MSVOA\_V

ClientSampleId :

F4C37



Tot Ion:164 Resp: 2252

Ion Ratio Lower Upper

164 100

129 84.4 65.0 120.8

131 89.1 63.6 118.2

166 143.8 91.7 170.3

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

