

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030119\  
 Data File : VV009451.D  
 Acq On : 01 Mar 2019 13:15  
 Operator : SY/MD  
 Sample : K1599-08DL 5X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 02 00:49:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR022819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Mar 02 00:06:51 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 89174    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 83088    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 39294    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 21298    | 4.58     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.60%   |
| 7) Chloroethane-d5             | 1.57   | 69    | 20742    | 4.93     | ug/L | -0.02    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.60%   |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 44524    | 3.78     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.60%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 54625    | 61.85    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.70%  |
| 24) Chloroform-d               | 4.40   | 84    | 47476    | 5.21     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 25392    | 5.64     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 112.80%  |
| 32) Benzene-d6                 | 5.10   | 84    | 97233    | 5.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 30752    | 5.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 114.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 97281    | 5.39     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 11994    | 5.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 51819    | 67.18    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 134.36%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 22219    | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 34529    | 5.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.20%  |

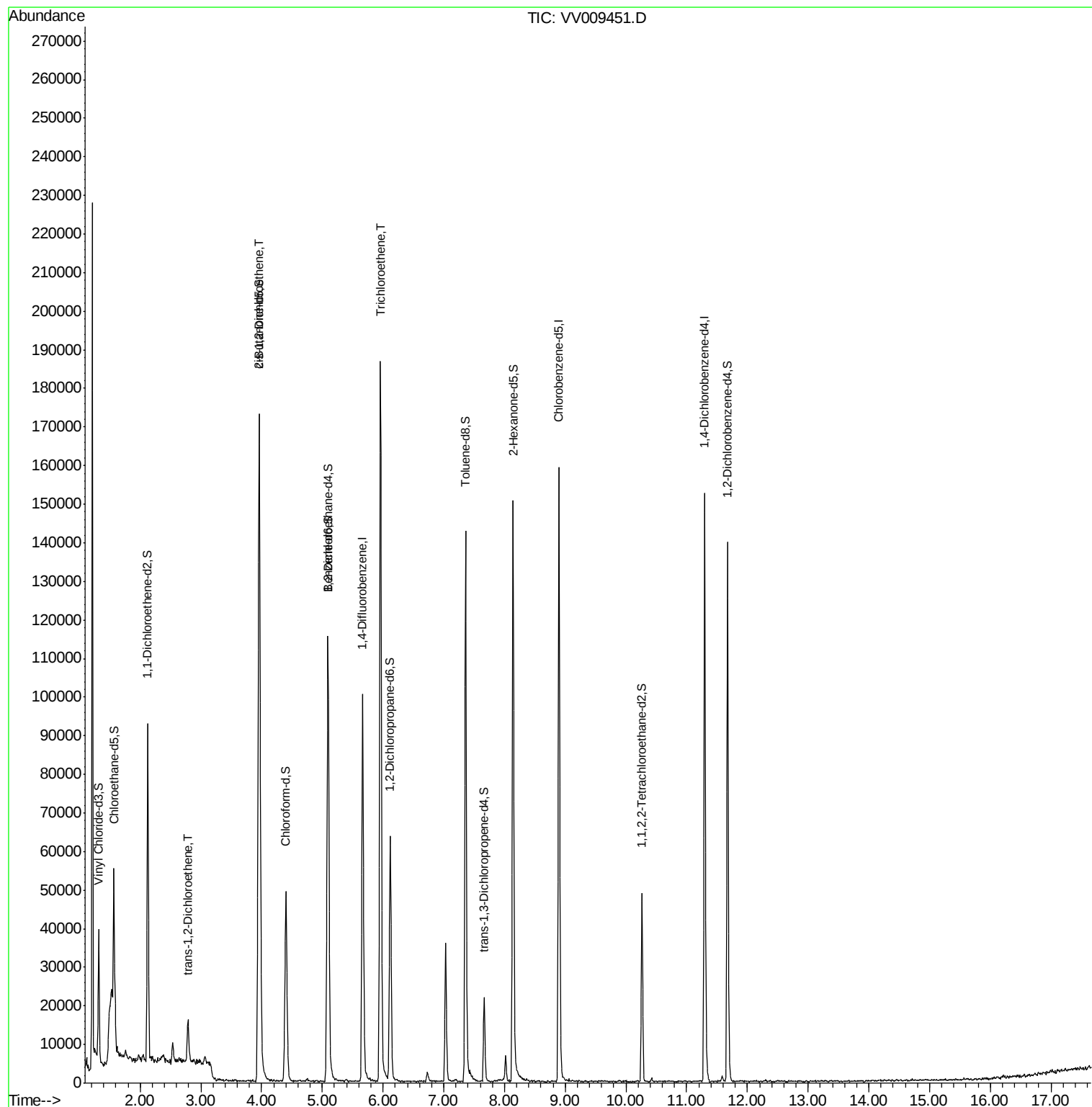
## Target Compounds

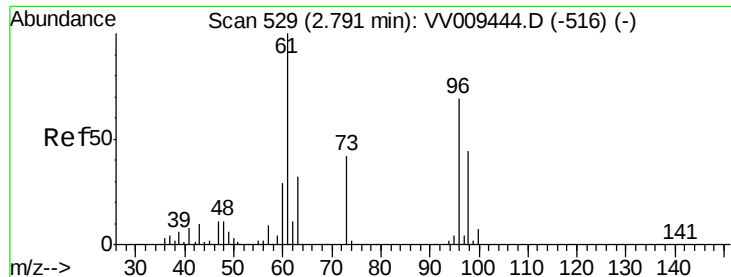
|                              |      |    |       |             | Ovalue |
|------------------------------|------|----|-------|-------------|--------|
| 18) trans-1,2-Dichloroethene | 2.78 | 96 | 3457  | 0.546 ug/L  | 89     |
| 22) cis-1,2-Dichloroethene   | 3.96 | 96 | 77069 | 13.041 ug/L | 98     |
| 34) Trichloroethene          | 5.96 | 95 | 63395 | 10.395 ug/L | 97     |

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

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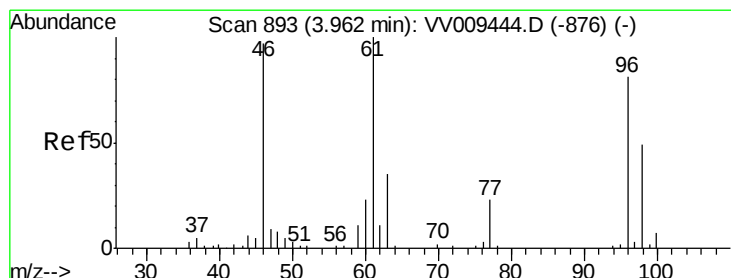
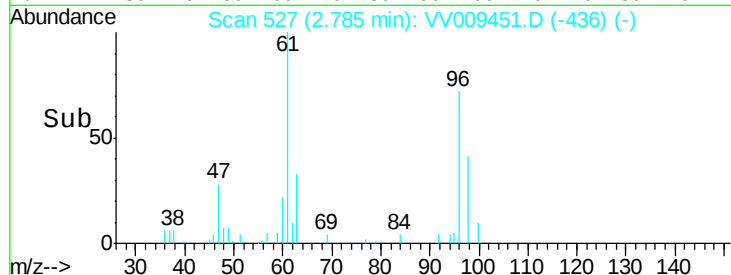
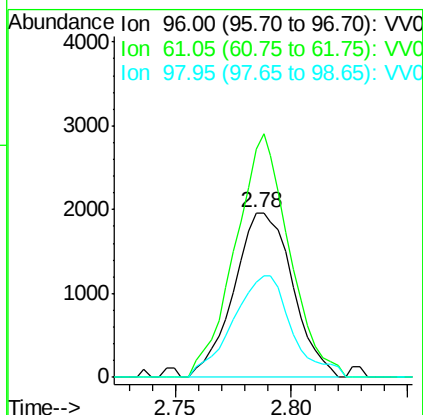
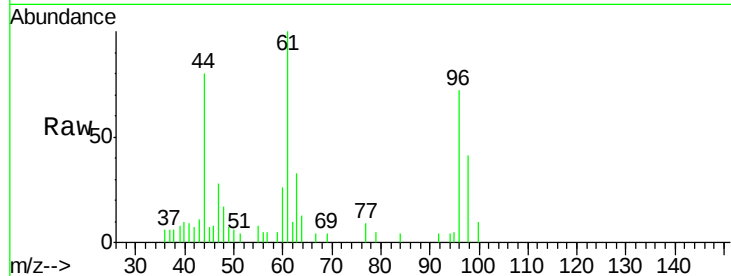
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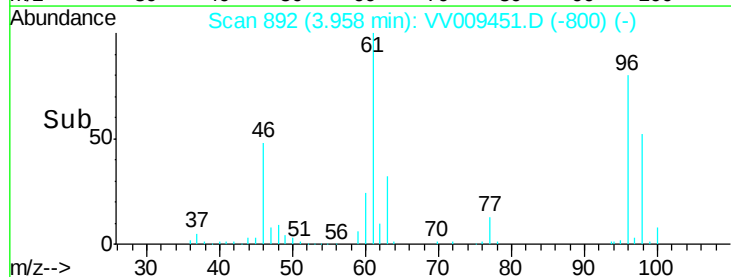
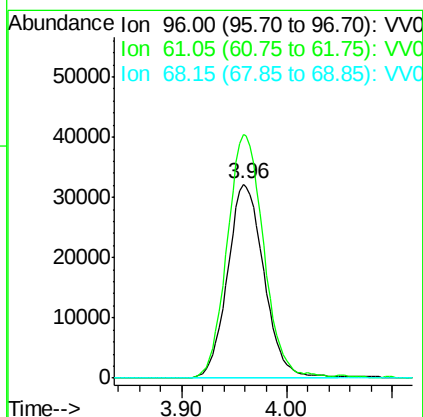
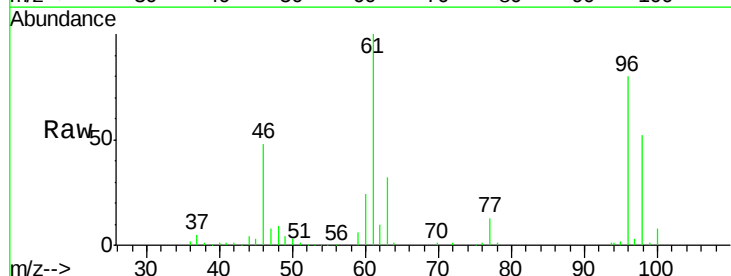
#18  
trans-1,2-Dichloroethene  
Concen: 0.546 ug/L  
RT: 2.78 min Scan# 527  
Delta R.T. -0.01 min  
Lab File: VV009451.D  
Acq: 01 Mar 2019 13:15

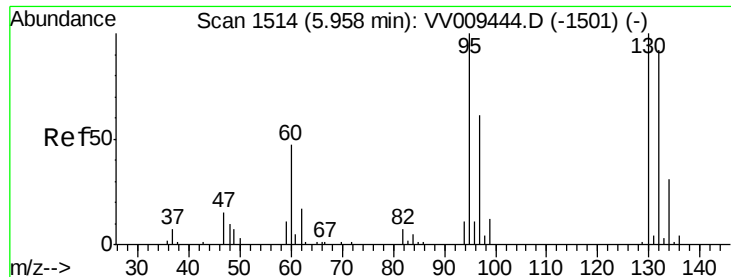
Tot Ion: 96 Resp: 3457  
Ion Ratio Lower Upper  
96 100  
61 138.8 106.0 196.8  
98 57.5 48.2 89.4



#22  
cis-1,2-Dichloroethene  
Concen: 13.041 ug/L  
RT: 3.96 min Scan# 892  
Delta R.T. -0.00 min  
Lab File: VV009451.D  
Acq: 01 Mar 2019 13:15

Tgt Ion: 96 Resp: 77069  
Ion Ratio Lower Upper  
96 100  
61 125.6 86.0 159.8  
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 10.395 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009451.D

Acq: 01 Mar 2019 13:15

Tot Ion: 95 Resp: 63395

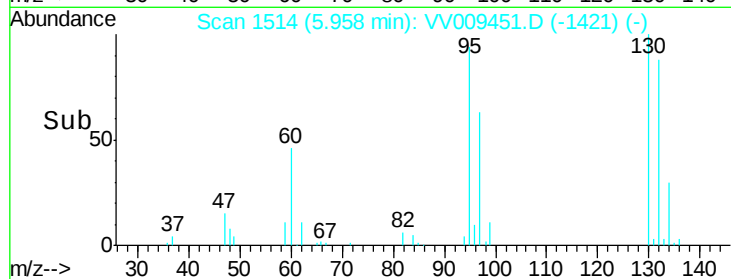
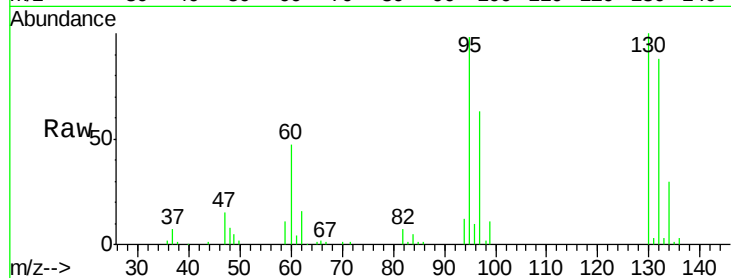
Ion Ratio Lower Upper

95 100

97 64.2 44.2 82.2

132 90.1 67.8 126.0

130 101.8 70.4 130.8



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

