

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\  
 Data File : VV006957.D  
 Acq On : 09 Aug 2018 18:13  
 Operator : SY/MD  
 Sample : J4357-20DL 40X  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWT9DL

Quant Time: Aug 10 02:46:00 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 10 02:34:57 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 231958   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 221277   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 87365    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72822    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 63237    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 99016    | 3.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.40%  |
| 20) 2-Butanone-d5              | 3.98   | 46    | 208707   | 48.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.94%  |
| 24) Chloroform-d               | 4.40   | 84    | 148477   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 80414    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 285394   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 99498    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.40% |
| 41) Toluene-d8                 | 7.37   | 98    | 210286   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 30385    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.80%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 115494   | 41.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 70597    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 76801    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

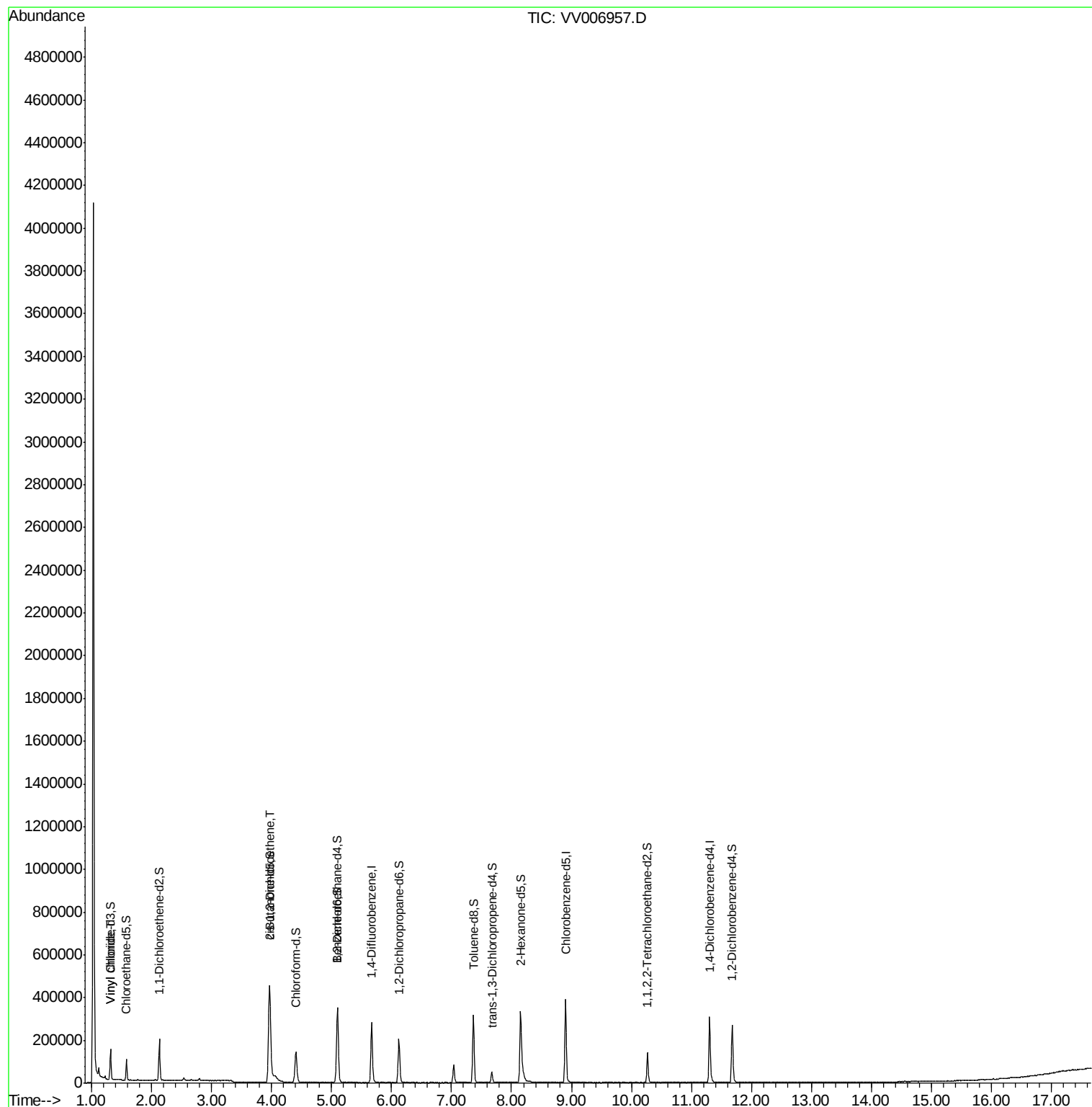
| Target Compounds           |      |    |        |       |      | Ovalue |
|----------------------------|------|----|--------|-------|------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 18417  | 0.82  | ug/L | 95     |
| 22) cis-1,2-Dichloroethene | 3.97 | 96 | 206285 | 10.19 | ug/L | 98     |

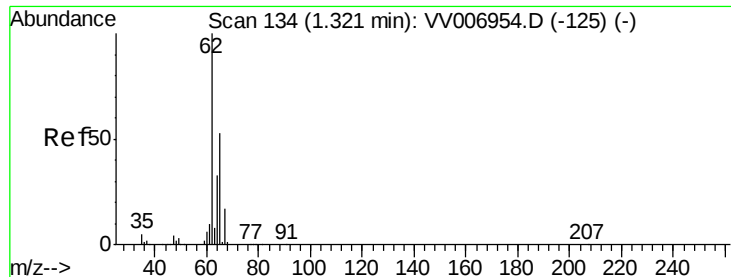
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ESWT9DL

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#5

Vinyl chloride

Concen: 0.82 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV006957.D

Acq: 09 Aug 2018 18:13

Instrument :

MSVOA\_V

ClientSampleID :

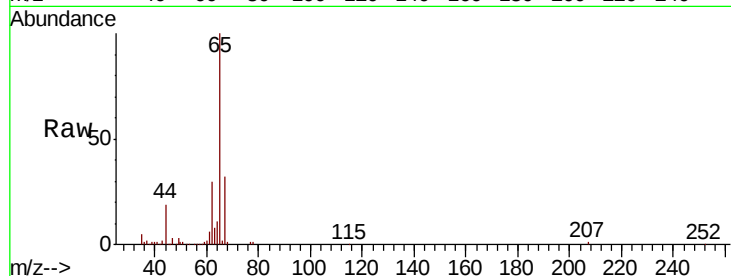
ESWT9DL

Tot Ion: 62 Resp: 18417

Ion Ratio Lower Upper

62 100

64 36.6 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VV006957.D (-125) (-)

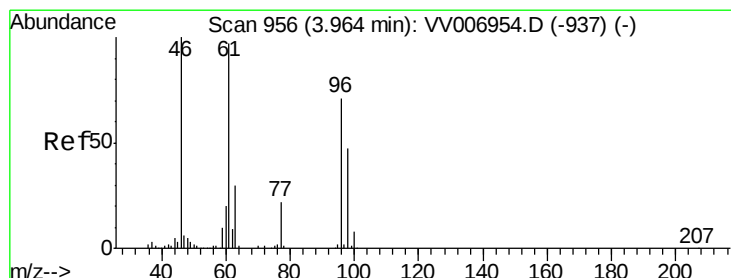
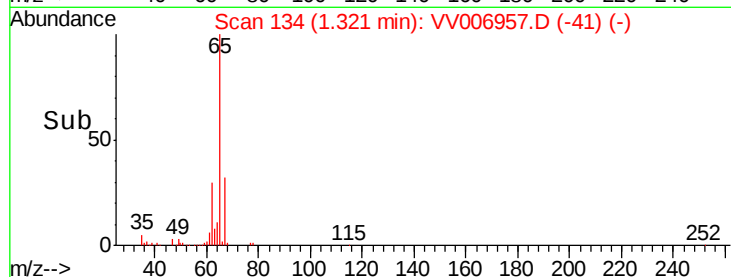
Ion 64.10 (63.80 to 64.80): VV006957.D (-125) (-)

1.32

1.35

1.40

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.19 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

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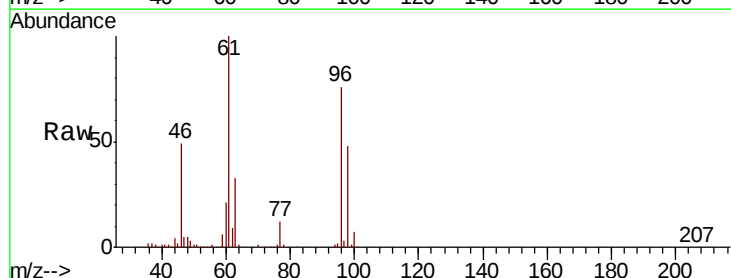
Tgt Ion: 96 Resp: 206285

Ion Ratio Lower Upper

96 100

61 132.3 91.1 169.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006957.D (-937) (-)

Ion 61.05 (60.75 to 61.75): VV006957.D (-937) (-)

Ion 68.15 (67.85 to 68.85): VV006957.D (-937) (-)

3.97

4.00

4.10

Time-->

