

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062618\  
 Data File : VV006461.D  
 Acq On : 26 Jun 2018 12:32  
 Operator : SY/MD  
 Sample : J3673-18DL 200X  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DAZB1DL

Quant Time: Jun 27 02:29:35 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jun 27 02:22:39 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 319442   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 288337   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 123955   | 5.00 | ug/L  | 0.00     |

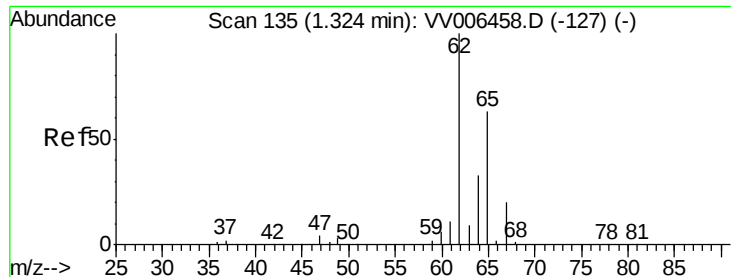
## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 90448    | 4.31     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.20% |
| 7) Chloroethane-d5             | 1.59   | 69    | 76234    | 4.51     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 123639   | 3.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.40% |
| 20) 2-Butanone-d5              | 3.98   | 46    | 194193   | 49.34    | ug/L | 0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.68% |
| 24) Chloroform-d               | 4.41   | 84    | 159255   | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.00% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 79897    | 4.77     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.40% |
| 32) Benzene-d6                 | 5.11   | 84    | 351753   | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 106959   | 4.78     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.60% |
| 41) Toluene-d8                 | 7.37   | 98    | 319752   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 31493    | 3.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.40% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 141353   | 43.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.60% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 58908    | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 110934   | 4.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.40% |

| Target Compounds           |      |    |        |           | Ovalue |
|----------------------------|------|----|--------|-----------|--------|
| 5) Vinyl chloride          | 1.33 | 62 | 11670  | 0.45 ug/L | 87     |
| 22) cis-1,2-Dichloroethene | 3.97 | 96 | 64495  | 2.77 ug/L | 99     |
| 34) Trichloroethene        | 5.96 | 95 | 213561 | 8.77 ug/L | 99     |

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





#5

Vinyl chloride

Concen: 0.45 ug/L

RT: 1.33 min Scan# 136

Delta R.T. 0.00 min

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ClientSampleID :

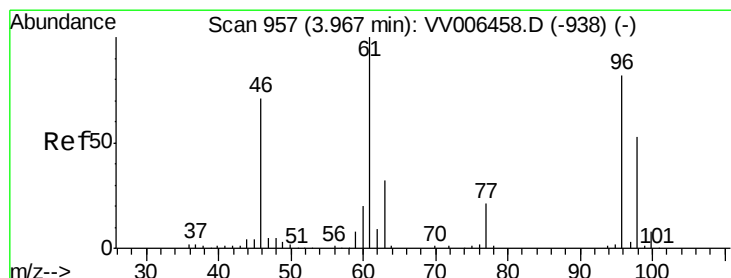
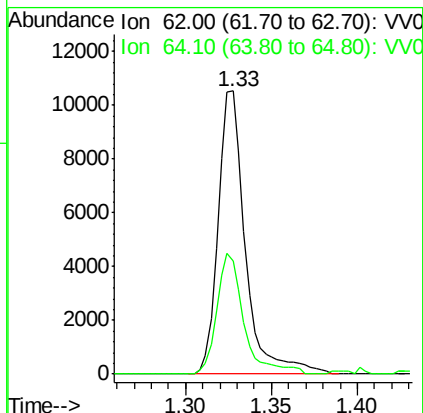
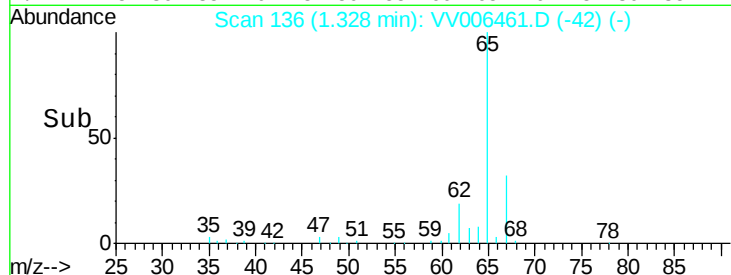
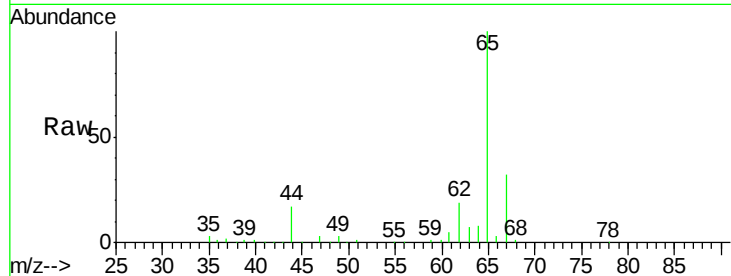
DAZB1DL

Tot Ion: 62 Resp: 11670

Ion Ratio Lower Upper

62 100

64 40.2 23.1 42.9



#22

cis-1,2-Dichloroethene

Concen: 2.77 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006461.D

Acq: 26 Jun 2018 12:32

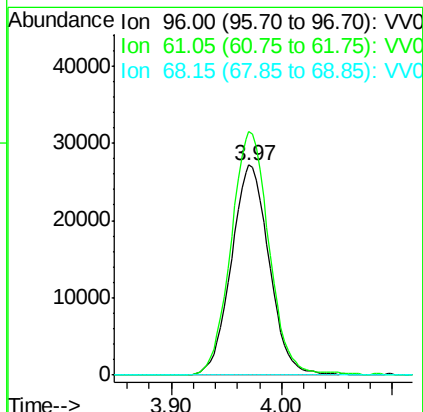
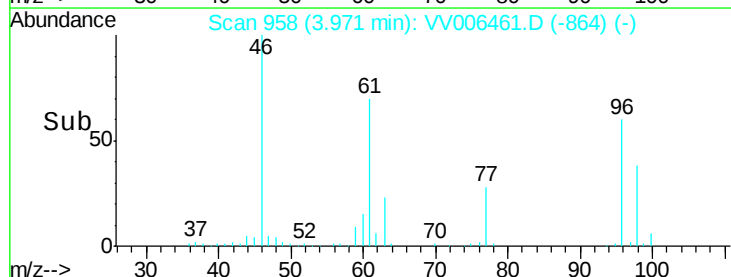
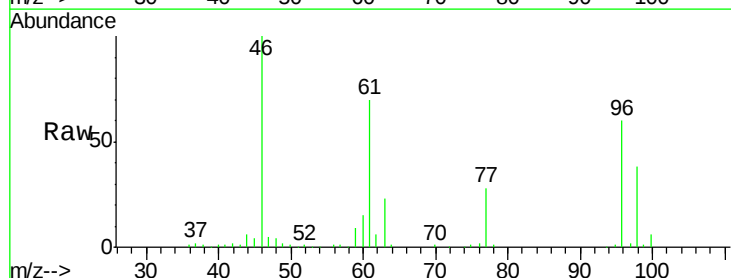
Tgt Ion: 96 Resp: 64495

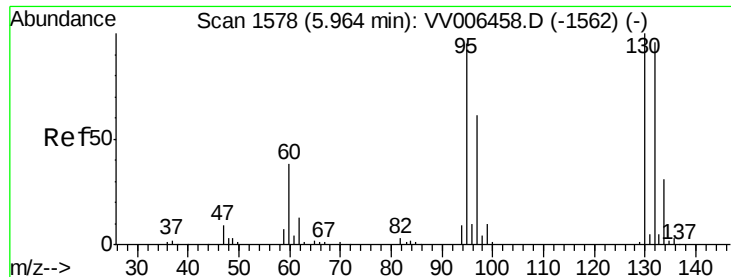
Ion Ratio Lower Upper

96 100

61 115.9 81.8 151.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 8.77 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006461.D

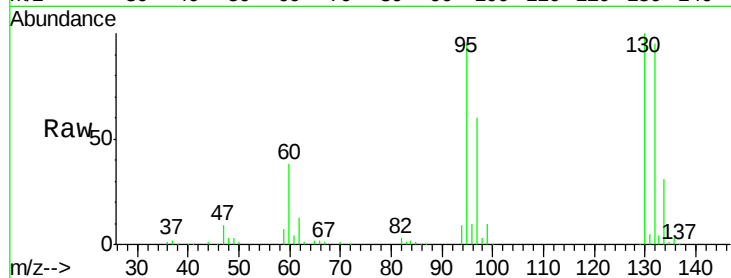
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Tot Ion: 95 Resp: 213561

Ion Ratio Lower Upper

95 100

97 63.4 44.6 82.8

132 100.1 70.1 130.1

130 105.8 73.3 136.1

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

