

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031122\  
 Data File : VW024959.D  
 Acq On : 11 Mar 2022 13:00  
 Operator : SY/MD  
 Sample : N1855-12DL 5X  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D38DL

Quant Time: Mar 11 23:10:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 11 23:08:36 2022  
 Response via : Initial Calibration

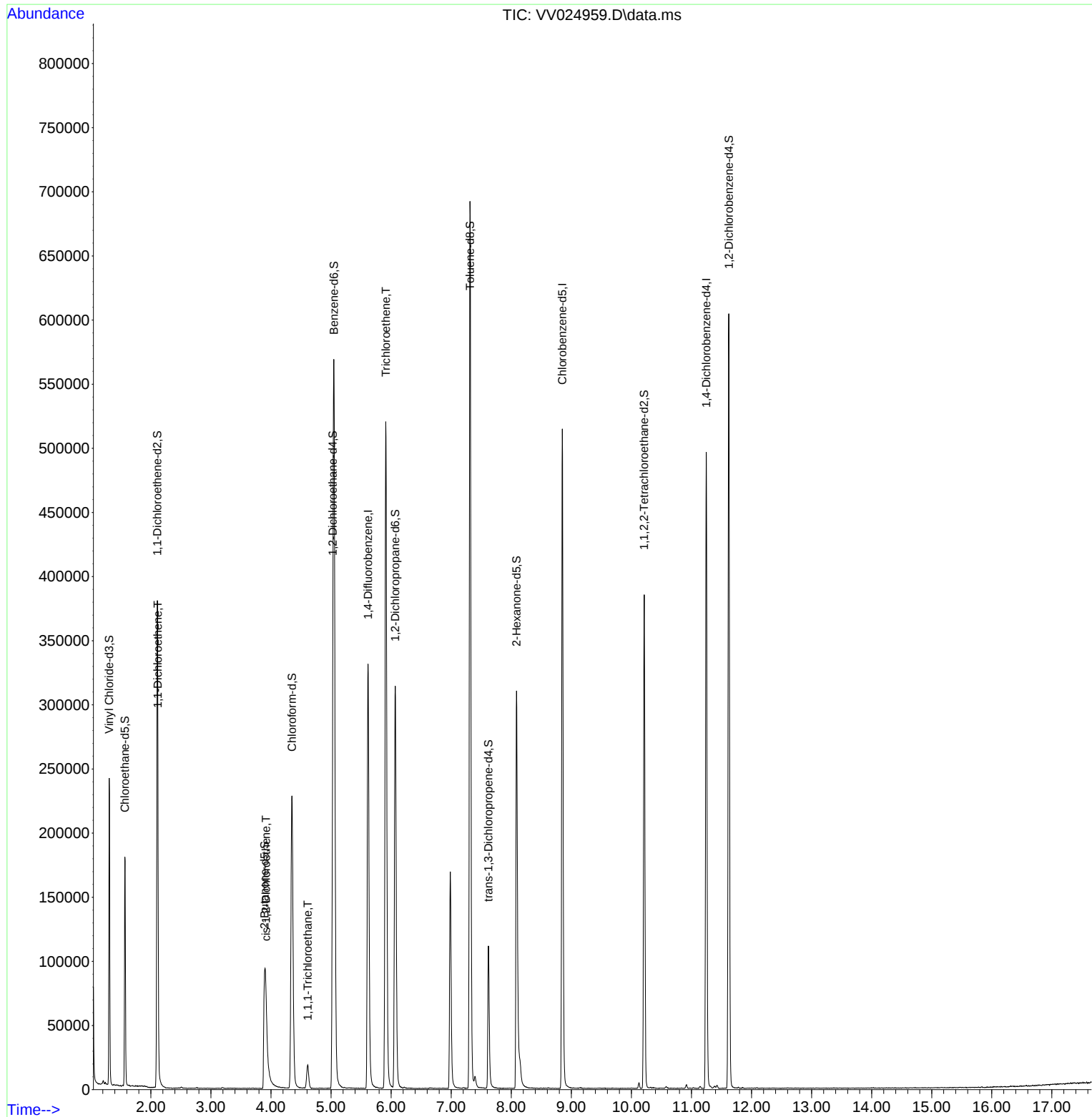
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 301509   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 292486   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152   | 129824   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 154113   | 50.269   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 100.540% |
| 7) Chloroethane-d5            | 1.568   | 69    | 115052   | 47.833   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 95.660%  |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 194808   | 37.859   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 75.720%  |
| 21) 2-Butanone-d5             | 3.892   | 46    | 173025   | 99.170   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 99.170%  |
| 24) Chloroform-d              | 4.349   | 84    | 246878   | 46.130   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.260%  |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65    | 149008   | 47.189   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.380%  |
| 32) Benzene-d6                | 5.050   | 84    | 530702   | 48.953   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.900%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 163738   | 48.477   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.960%  |
| 41) Toluene-d8                | 7.313   | 98    | 465759   | 48.494   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.980%  |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 67756    | 46.166   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 92.340%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 115342   | 89.965   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 191726   | 47.857   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 153243   | 51.243   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.480% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.117   | 96    | 10558    | 4.731    | ug/L   | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.915   | 96    | 16160    | 6.185    | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 4.613   | 97    | 15306    | 3.974    | ug/L   | 100      |
| 34) Trichloroethene           | 5.912   | 95    | 185155   | 68.424   | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

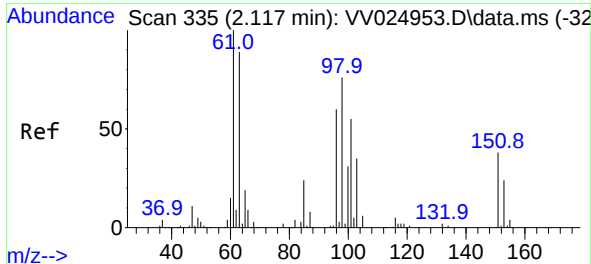
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Mar 11 23:08:36 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.731 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024959.D

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Instrument :

MSVOA\_V

ClientSampleId :

C0D38DL

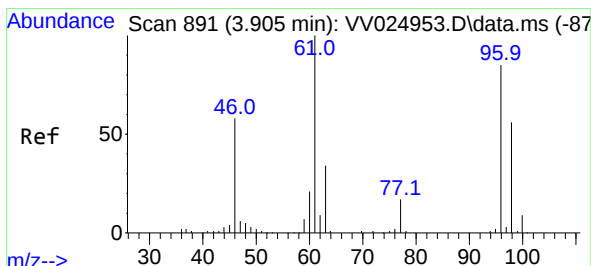
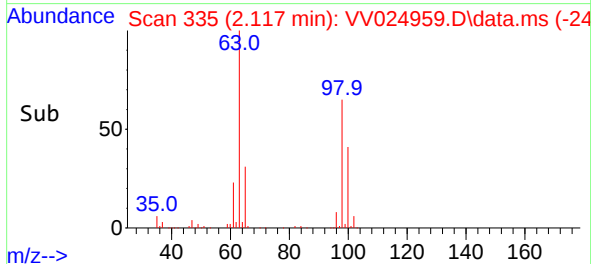
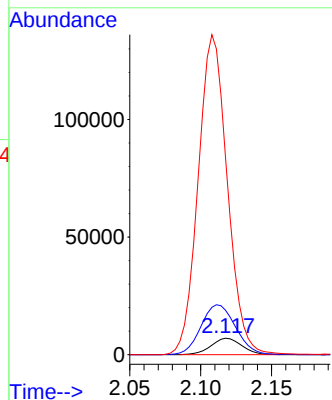
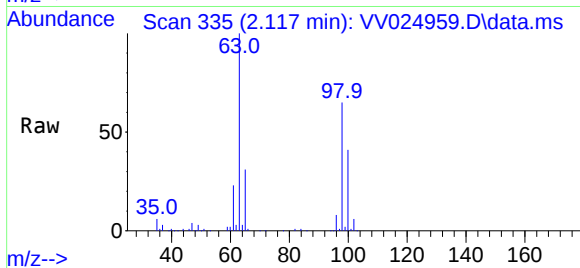
Tgt Ion: 96 Resp: 10558

Ion Ratio Lower Upper

96 100

61 268.9 117.6 218.4#

63 1193.9 105.3 195.5#



#20

cis-1,2-Dichloroethene

Concen: 6.185 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV024959.D

Acq: 11 Mar 2022 13:00

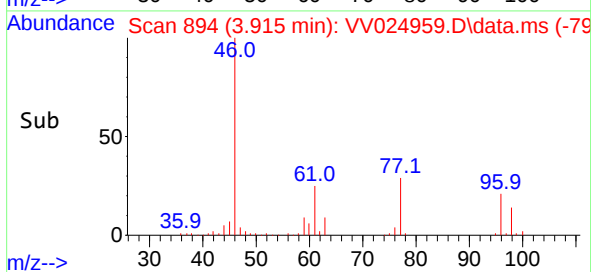
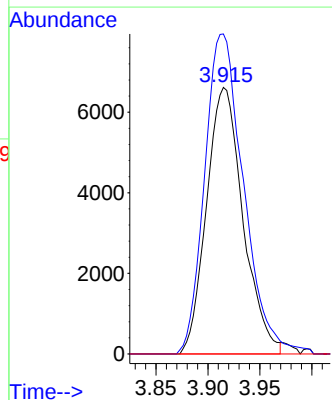
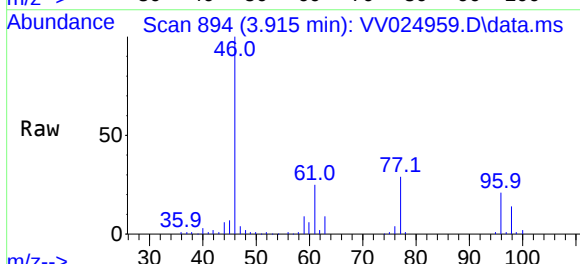
Tgt Ion: 96 Resp: 16160

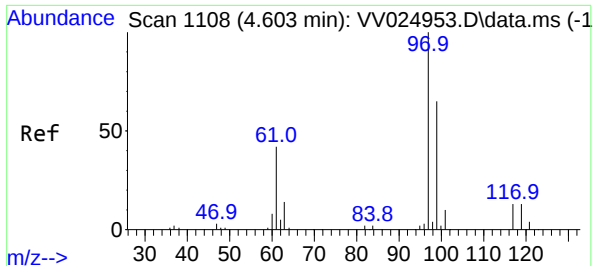
Ion Ratio Lower Upper

96 100

61 120.0 86.1 159.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 3.974 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV024959.D

Acq: 11 Mar 2022 13:00

Instrument :

MSVOA\_V

ClientSampleId :

C0D38DL

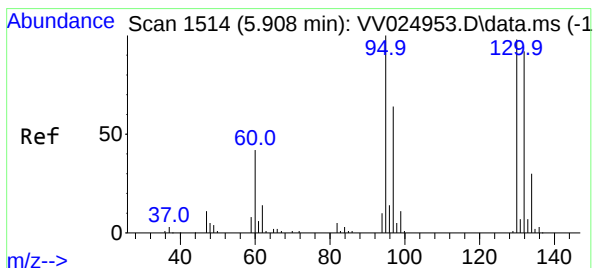
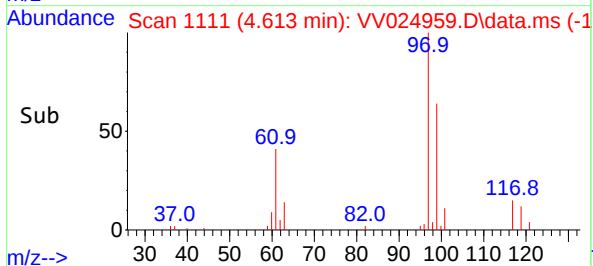
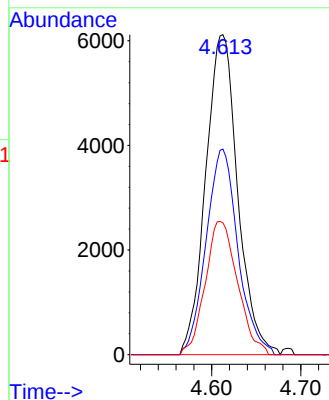
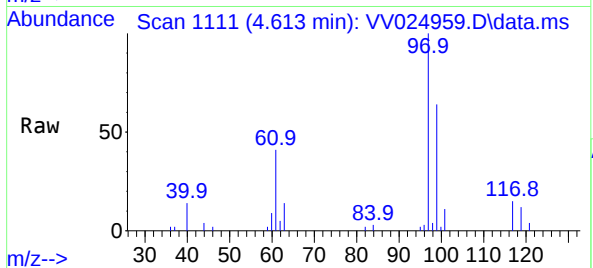
Tgt Ion: 97 Resp: 15306

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 42.0 33.8 50.8



#34

Trichloroethene

Concen: 68.424 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV024959.D

Acq: 11 Mar 2022 13:00

Tgt Ion: 95 Resp: 185155

Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 95.6 65.0 120.6

130 99.5 69.3 128.7

