

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120922\  
 Data File : VW029513.D  
 Acq On : 09 Dec 2022 12:02  
 Operator : SY/MD  
 Sample : N5919-02DL 10X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Dec 09 23:50:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 09 23:48:53 2022  
 Response via : Initial Calibration

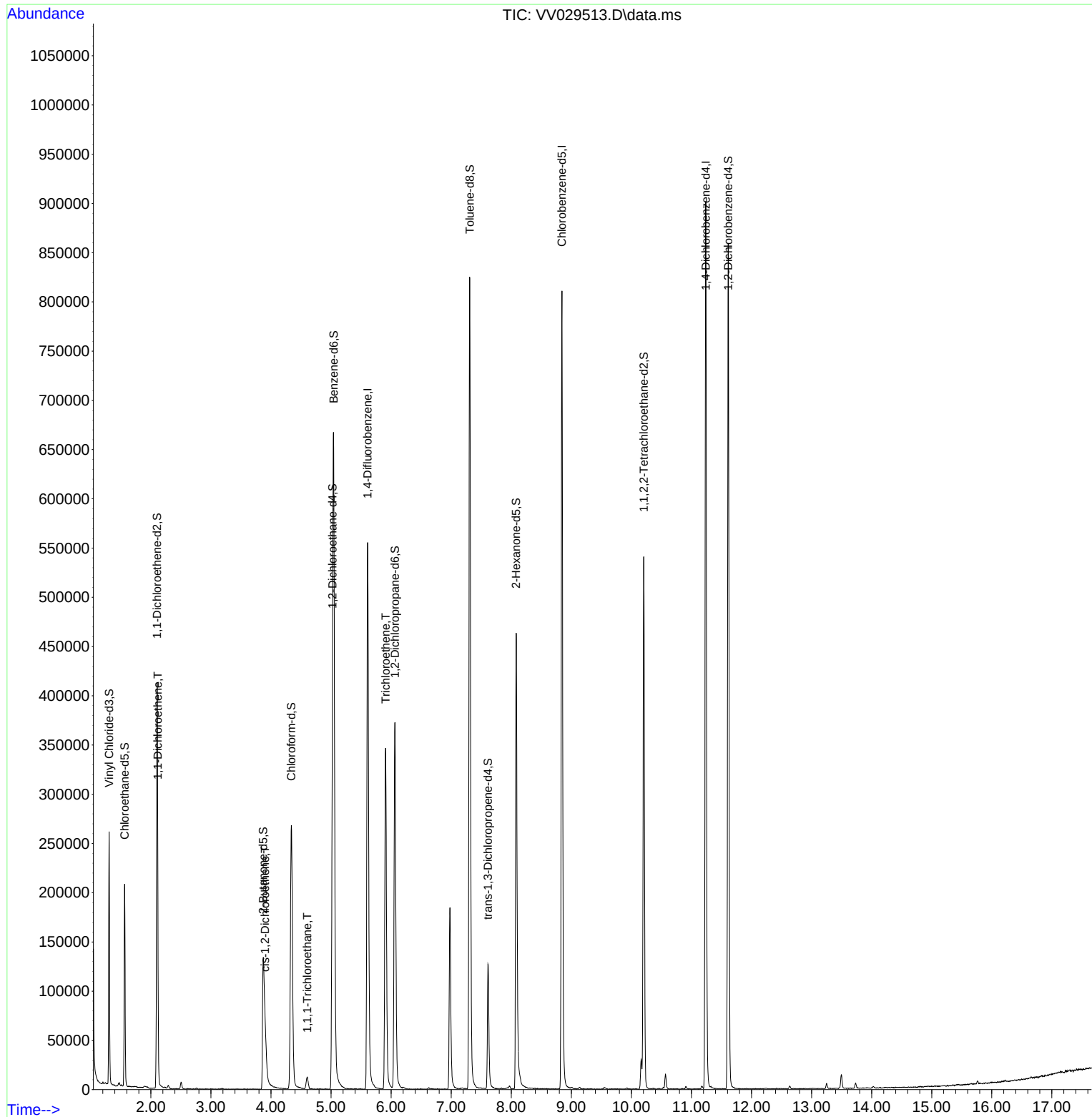
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114   | 513663   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844   | 117   | 469476   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239  | 152   | 245101   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 161936   | 51.482   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 102.960% |
| 7) Chloroethane-d5            | 1.564   | 69    | 132026   | 55.045   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 110.100% |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 207848   | 42.366   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.740%  |
| 21) 2-Butanone-d5             | 3.870   | 46    | 205096   | 106.887  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 106.890% |
| 24) Chloroform-d              | 4.339   | 84    | 291611   | 49.266   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.540%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 175505   | 51.915   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.820% |
| 32) Benzene-d6                | 5.043   | 84    | 644786   | 51.977   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.960% |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67    | 197151   | 52.030   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 104.060% |
| 41) Toluene-d8                | 7.310   | 98    | 582970   | 49.876   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.760%  |
| 43) trans-1,3-Dichloroprop... | 7.612   | 79    | 79573    | 41.587   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.180%  |
| 47) 2-Hexanone-d5             | 8.082   | 63    | 178868   | 110.544  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 110.540% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207  | 84    | 269229   | 49.721   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.612  | 152   | 232303   | 49.789   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.580%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.114   | 96    | 9122     | 3.322    | ug/L   | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.902   | 96    | 15068    | 4.331    | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 4.603   | 97    | 10434    | 2.040    | ug/L   | 98       |
| 34) Trichloroethene           | 5.908   | 95    | 128306   | 38.693   | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

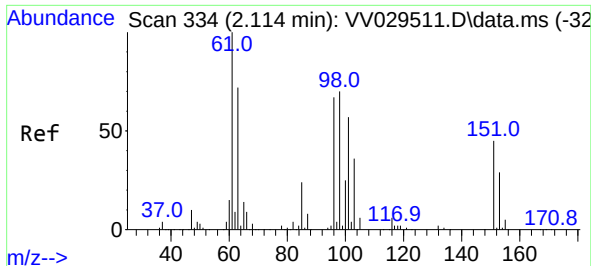
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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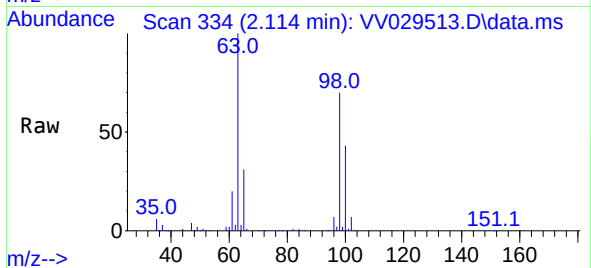
Quant Time: Dec 09 23:50:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 09 23:48:53 2022  
Response via : Initial Calibration



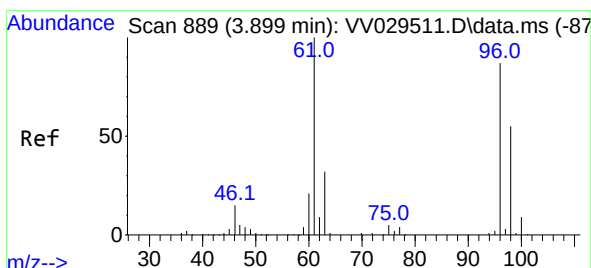
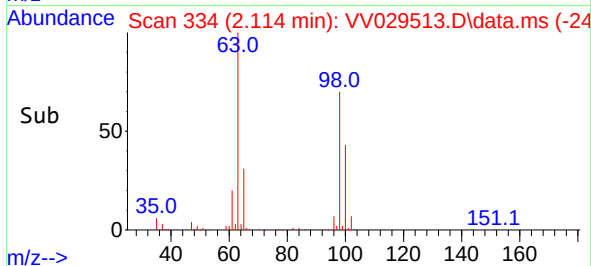
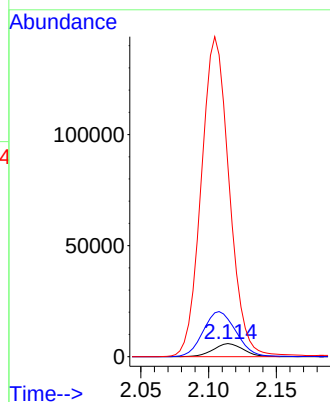


#12  
1,1-Dichloroethene  
Concen: 3.322 ug/L  
RT: 2.114 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VV029513.D  
Acq: 09 Dec 2022 12:02

Instrument :  
MSVOA\_Y  
ClientSampleId :

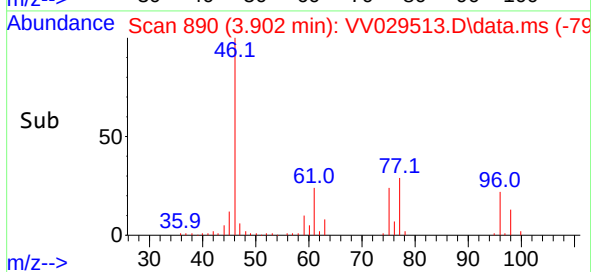
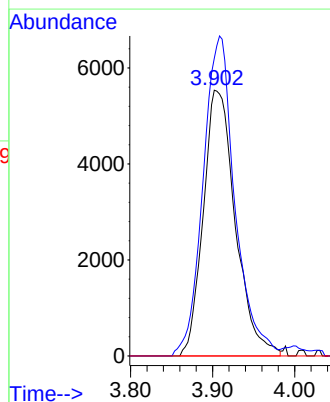
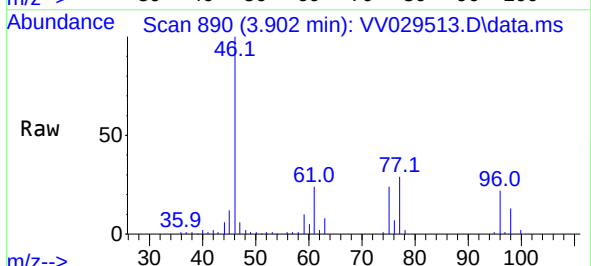


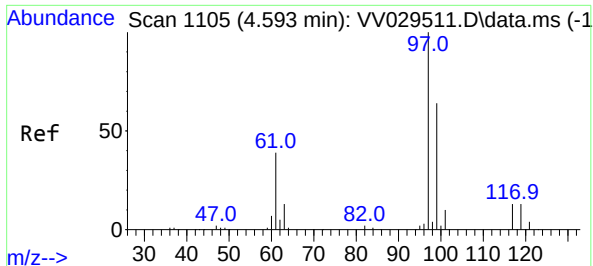
Tgt Ion: 96 Resp: 9122  
Ion Ratio Lower Upper  
96 100  
61 286.5 103.3 191.9#  
63 1460.3 77.3 143.7#



#20  
cis-1,2-Dichloroethene  
Concen: 4.331 ug/L  
RT: 3.902 min Scan# 890  
Delta R.T. 0.003 min  
Lab File: VV029513.D  
Acq: 09 Dec 2022 12:02

Tgt Ion: 96 Resp: 15068  
Ion Ratio Lower Upper  
96 100  
61 112.0 78.0 144.9  
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 2.040 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.009 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

Instrument :

MSVOA\_Y

ClientSampleId :

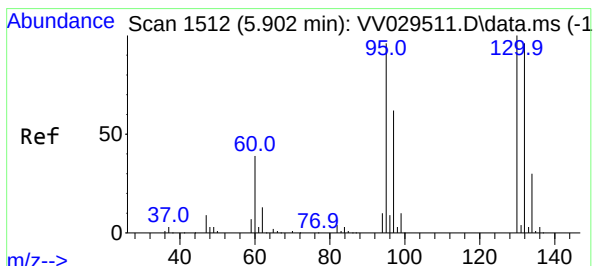
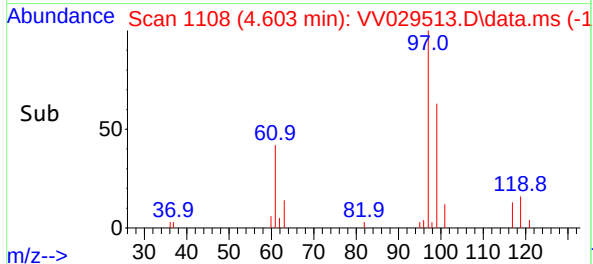
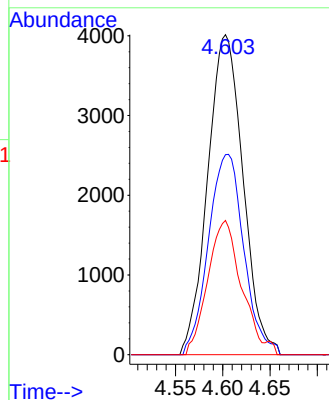
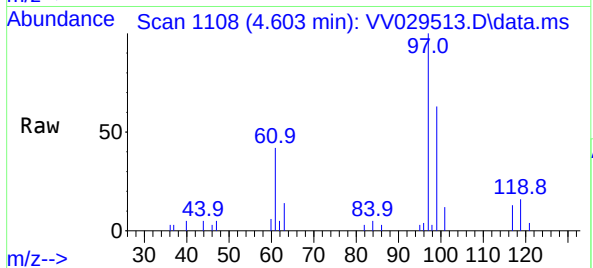
Tgt Ion: 97 Resp: 10434

Ion Ratio Lower Upper

97 100

99 62.8 52.1 78.1

61 39.7 31.8 47.8



#34

Trichloroethene

Concen: 38.693 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

Tgt Ion: 95 Resp: 128306

Ion Ratio Lower Upper

95 100

97 65.7 44.0 81.8

132 99.1 69.9 129.9

130 101.3 73.7 136.9

