

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031022\  
 Data File : VW024908.D  
 Acq On : 10 Mar 2022 12:11  
 Operator : SY/MD  
 Sample : N1855-09  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D34

Quant Time: Mar 11 02:46:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 11 02:45:24 2022  
 Response via : Initial Calibration

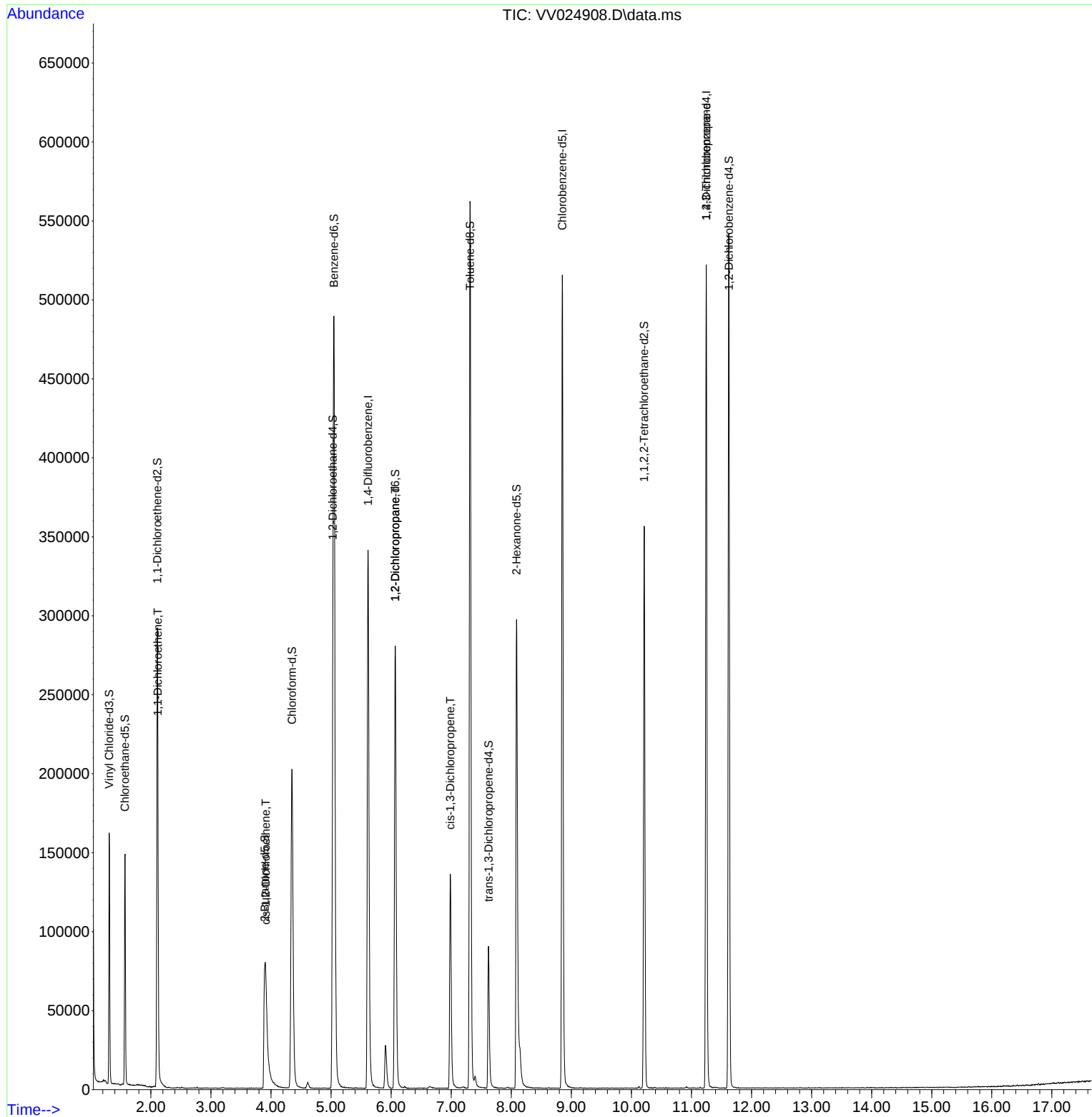
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114            | 301518   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117            | 295380   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152            | 130814   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65             | 101206   | 33.011 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 66.020%  |          |
| 7) Chloroethane-d5            | 1.568   | 69             | 92739    | 38.555 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 77.100%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 148759   | 28.909 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 57.820%# |          |
| 21) 2-Butanone-d5             | 3.896   | 46             | 157190   | 90.091 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 90.090%  |          |
| 24) Chloroform-d              | 4.349   | 84             | 215211   | 40.212 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 80.420%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65             | 131327   | 41.589 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 83.180%  |          |
| 32) Benzene-d6                | 5.050   | 84             | 448020   | 40.921 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 81.840%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 144751   | 42.435 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 84.880%  |          |
| 41) Toluene-d8                | 7.313   | 98             | 379765   | 39.153 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 78.300%# |          |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79             | 53441    | 36.056 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 72.120%  |          |
| 47) 2-Hexanone-d5             | 8.088   | 63             | 111634   | 86.220 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 86.220%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84             | 176308   | 43.577 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 87.160%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152            | 133679   | 44.362 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 88.720%  |          |
| Target Compounds              |         |                |          |        |          |          |
|                               |         |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.117   | 96             | 11074    | 4.962  | ug/L #   | 1        |
| 20) cis-1,2-Dichloroethene    | 3.912   | 96             | 10927    | 4.182  | ug/L     | 99       |
| 37) 1,2-Dichloropropane       | 6.069   | 63             | 14971    | 5.985  | ug/L #   | 86       |
| 39) cis-1,3-Dichloropropene   | 6.985   | 75             | 3384     | 0.899  | ug/L #   | 63       |
| 61) 1,2,3-Trichloropropane    | 11.246  | 75             | 17337    | 6.623  | ug/L #   | 66       |
| -----                         |         |                |          |        |          |          |

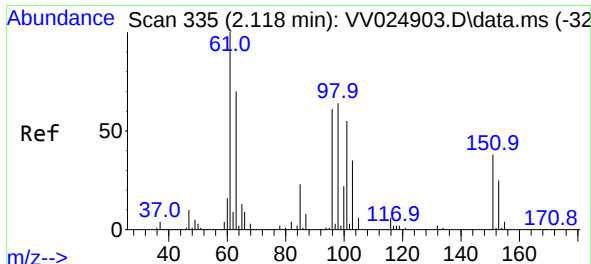
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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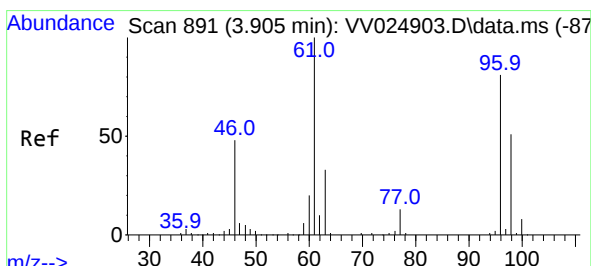
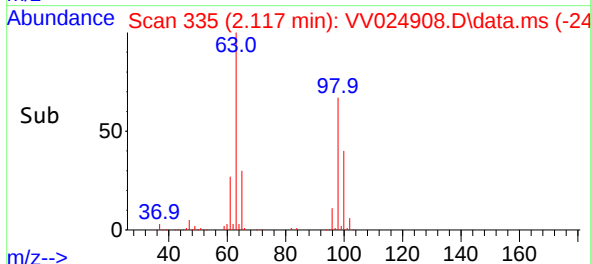
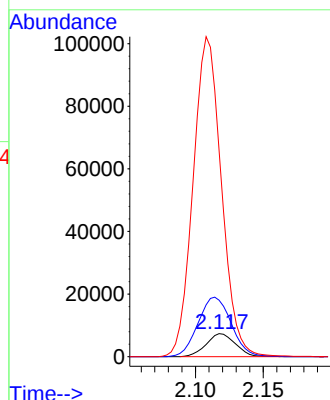
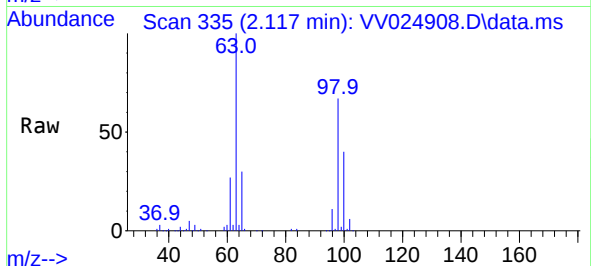




#12  
1,1-Dichloroethene  
Concen: 4.962 ug/L  
RT: 2.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VV024908.D  
Acq: 10 Mar 2022 12:11

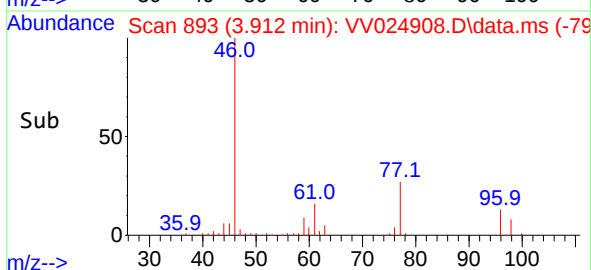
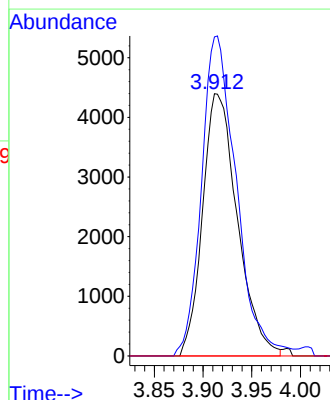
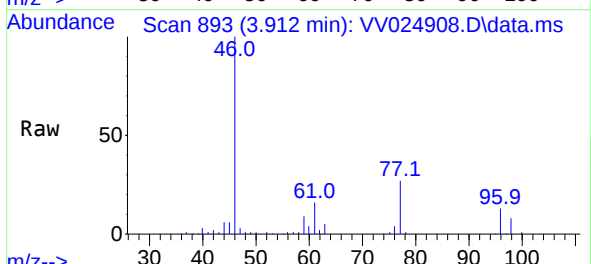
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0D34

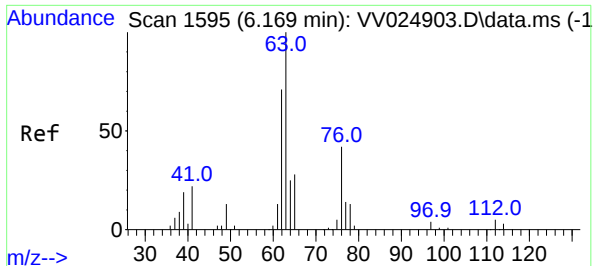
Tgt Ion: 96 Resp: 11074  
Ion Ratio Lower Upper  
96 100  
61 244.1 117.6 218.4#  
63 891.6 105.3 195.5#



#20  
cis-1,2-Dichloroethene  
Concen: 4.182 ug/L  
RT: 3.912 min Scan# 893  
Delta R.T. 0.006 min  
Lab File: VV024908.D  
Acq: 10 Mar 2022 12:11

Tgt Ion: 96 Resp: 10927  
Ion Ratio Lower Upper  
96 100  
61 121.7 86.1 159.9  
68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 5.985 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024908.D

Acq: 10 Mar 2022 12:11

Instrument :

MSVOA\_V

ClientSampleId :

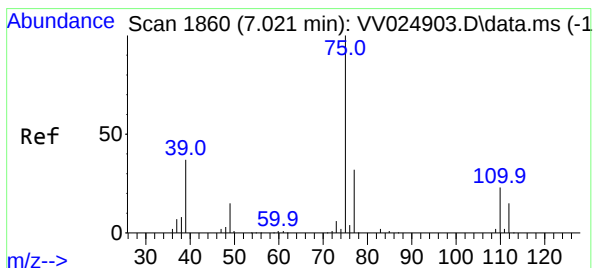
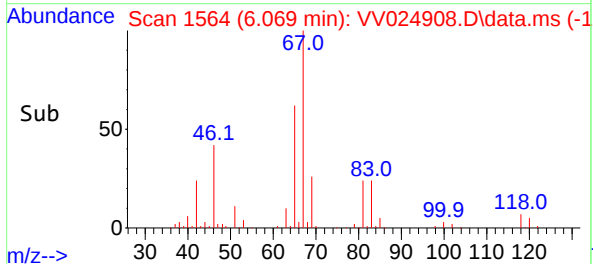
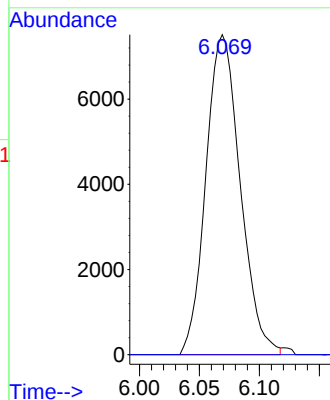
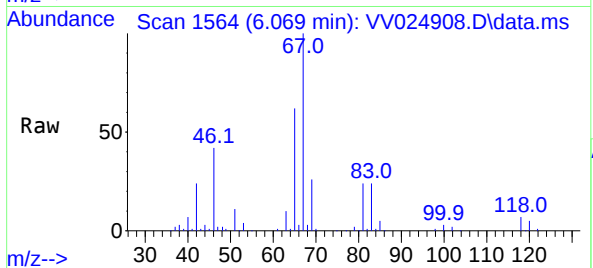
C0D34

Tgt Ion: 63 Resp: 14971

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.899 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV024908.D

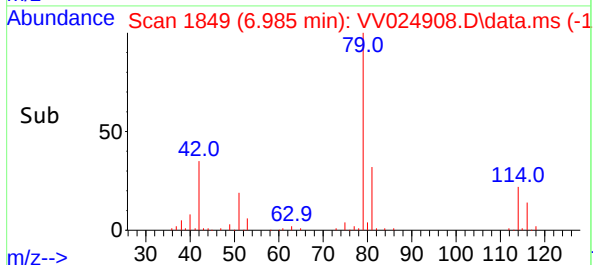
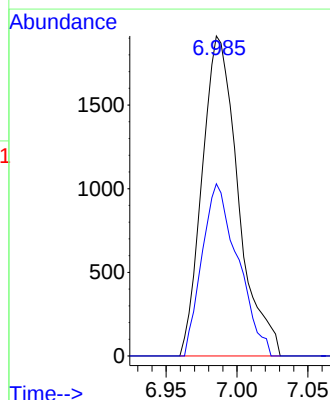
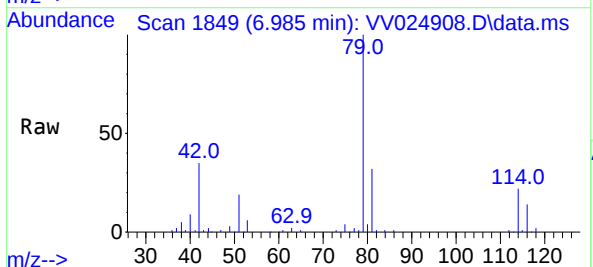
Acq: 10 Mar 2022 12:11

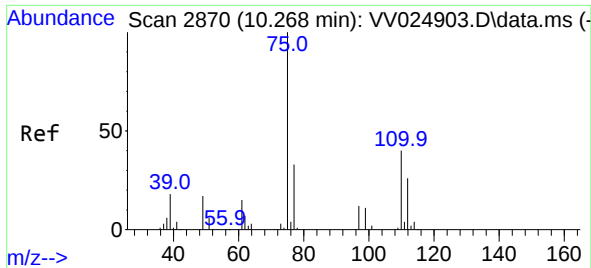
Tgt Ion: 75 Resp: 3384

Ion Ratio Lower Upper

75 100

77 53.8 22.9 42.5#





#61  
1,2,3-Trichloropropane  
Concen: 6.623 ug/L  
RT: 11.246 min Scan# 31  
Delta R.T. 0.977 min  
Lab File: VV024908.D  
Acq: 10 Mar 2022 12:11

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0D34

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 17337      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 30.3  | 25.4 38.0  |
| 110         | 2.5   | 31.4 47.2# |

