

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031022\  
 Data File : VW024909.D  
 Acq On : 10 Mar 2022 12:35  
 Operator : SY/MD  
 Sample : N1855-10  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D35

Quant Time: Mar 11 02:47:08 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

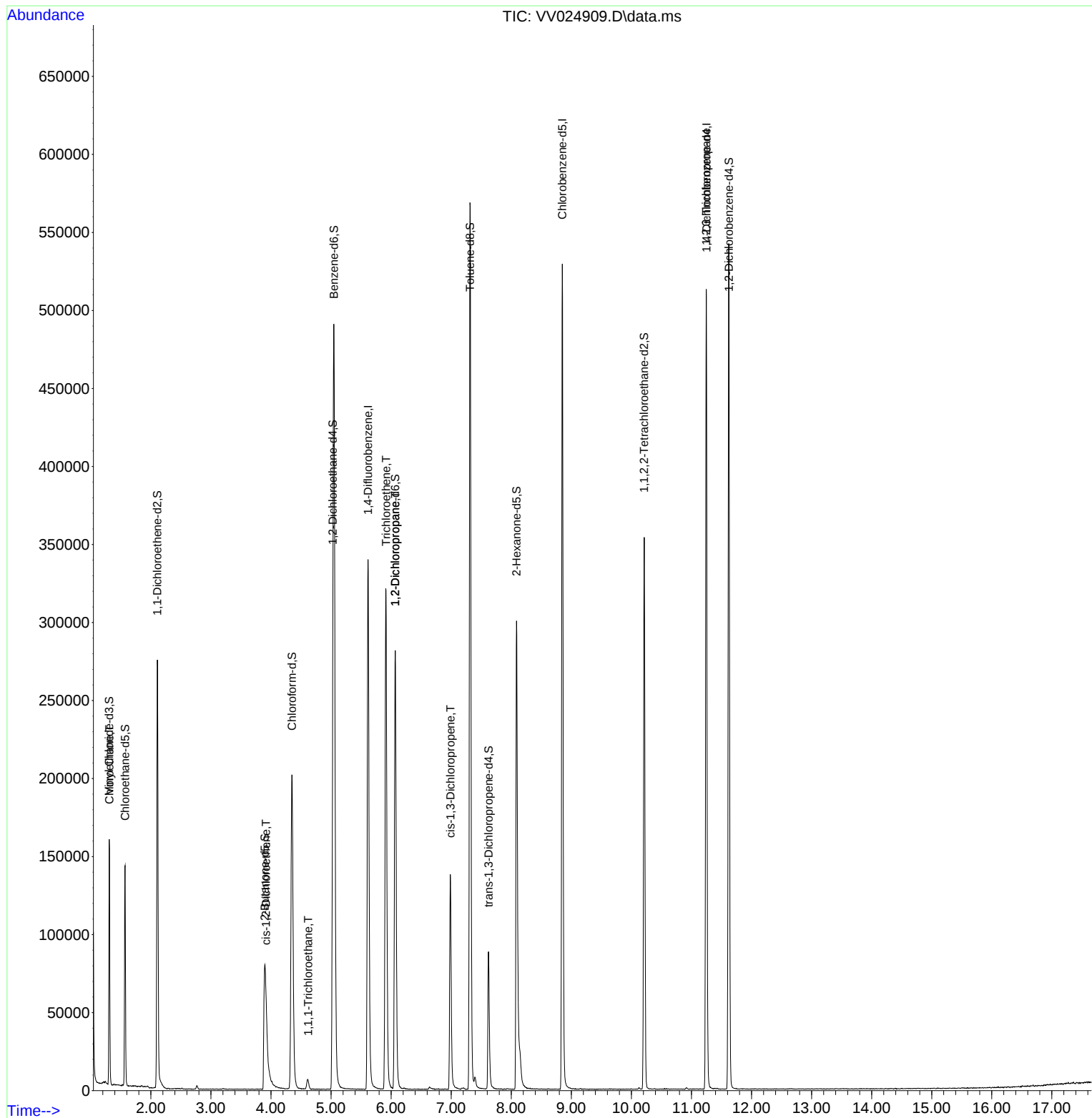
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114            | 302451   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117            | 293592   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152            | 130020   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65             | 101192   | 32.904 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 65.800%  |          |
| 7) Chloroethane-d5            | 1.571   | 69             | 91652    | 37.985 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 75.980%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 143246   | 27.751 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 55.500%# |          |
| 21) 2-Butanone-d5             | 3.895   | 46             | 158537   | 90.583 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 90.580%  |          |
| 24) Chloroform-d              | 4.349   | 84             | 214495   | 39.954 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 79.900%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.030   | 65             | 132360   | 41.786 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 83.580%  |          |
| 32) Benzene-d6                | 5.050   | 84             | 447099   | 41.086 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 82.180%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 144307   | 42.563 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 85.120%  |          |
| 41) Toluene-d8                | 7.313   | 98             | 387208   | 40.164 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 80.320%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79             | 54895    | 37.262 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 74.520%  |          |
| 47) 2-Hexanone-d5             | 8.088   | 63             | 110450   | 85.825 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 85.820%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213  | 84             | 177009   | 44.017 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 88.040%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152            | 134884   | 45.036 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 90.080%  |          |
| Target Compounds              |         |                |          |        |          |          |
|                               |         |                |          |        | Qvalue   |          |
| 8) Chloroethane               | 1.310   | 64             | 1255     | 0.706  | ug/L #   | 1        |
| 20) cis-1,2-Dichloroethene    | 3.915   | 96             | 6810     | 2.598  | ug/L     | 99       |
| 30) 1,1,1-Trichloroethane     | 4.619   | 97             | 5582     | 1.444  | ug/L     | 100      |
| 34) Trichloroethene           | 5.915   | 95             | 113992   | 41.967 | ug/L     | 99       |
| 37) 1,2-Dichloropropane       | 6.069   | 63             | 14912    | 5.998  | ug/L #   | 86       |
| 39) cis-1,3-Dichloropropene   | 6.989   | 75             | 3383     | 0.904  | ug/L #   | 69       |
| 61) 1,2,3-Trichloropropane    | 11.246  | 75             | 17106    | 6.575  | ug/L #   | 65       |
| -----                         |         |                |          |        |          |          |

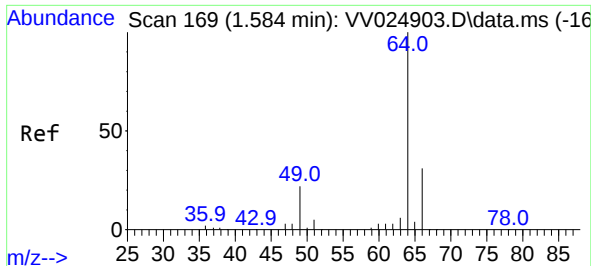
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Mar 11 02:45:24 2022  
Response via : Initial Calibration

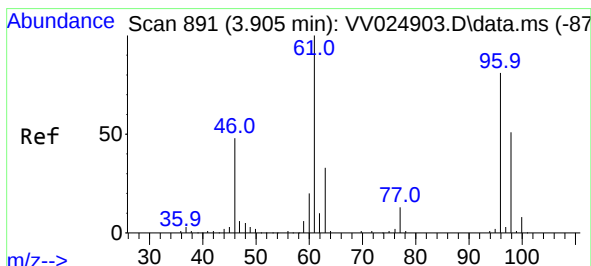
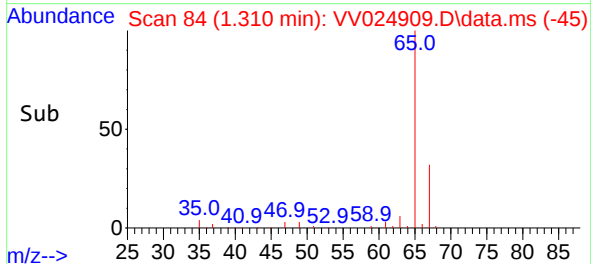
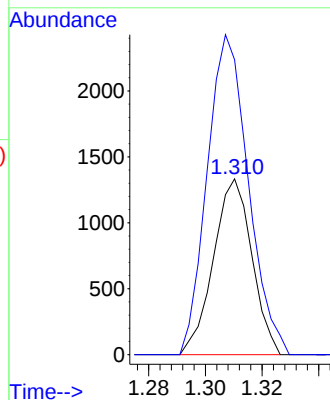
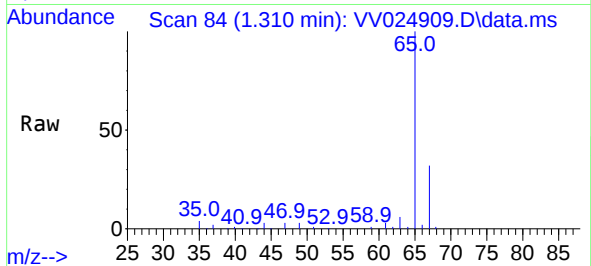




#8  
Chloroethane  
Concen: 0.706 ug/L  
RT: 1.310 min Scan# 84  
Delta R.T. -0.274 min  
Lab File: VV024909.D  
Acq: 10 Mar 2022 12:35

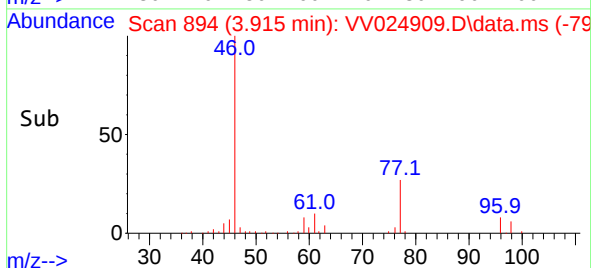
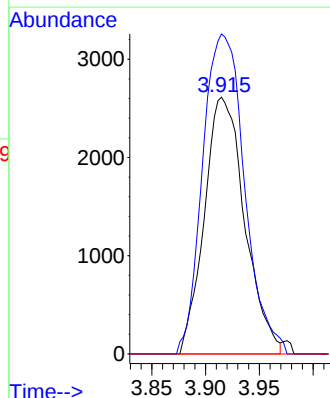
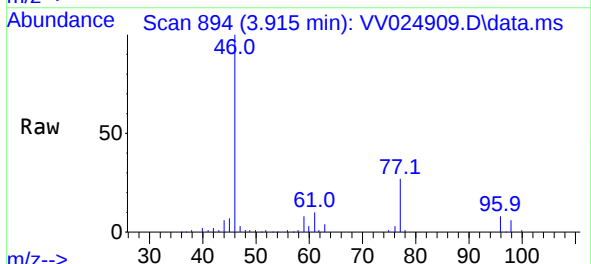
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0D35

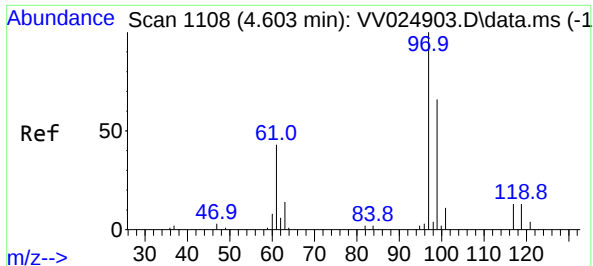
Tgt Ion: 64 Resp: 1255  
Ion Ratio Lower Upper  
64 100  
66 167.6 22.2 41.2#



#20  
cis-1,2-Dichloroethene  
Concen: 2.598 ug/L  
RT: 3.915 min Scan# 894  
Delta R.T. 0.009 min  
Lab File: VV024909.D  
Acq: 10 Mar 2022 12:35

Tgt Ion: 96 Resp: 6810  
Ion Ratio Lower Upper  
96 100  
61 124.6 86.1 159.9  
68 0.0 0.0 0.0



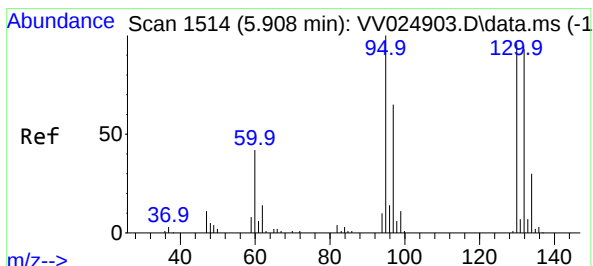
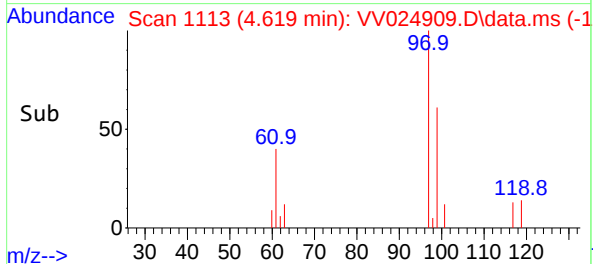
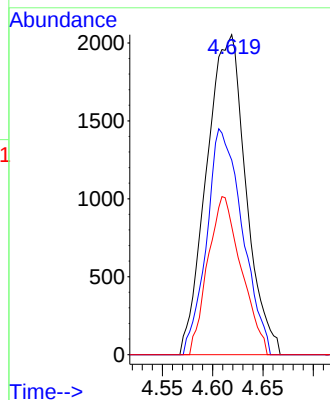
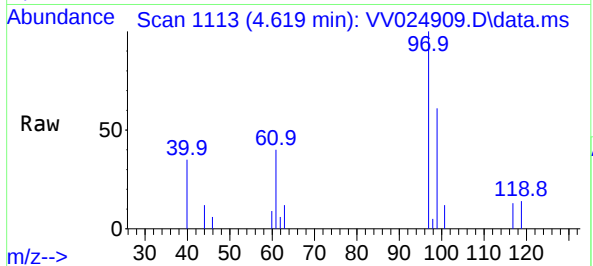


#30  
1,1,1-Trichloroethane  
Concen: 1.444 ug/L  
RT: 4.619 min Scan# 1108  
Delta R.T. 0.016 min  
Lab File: VV024909.D  
Acq: 10 Mar 2022 12:35

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0D35

Tgt Ion: 97 Resp: 5582

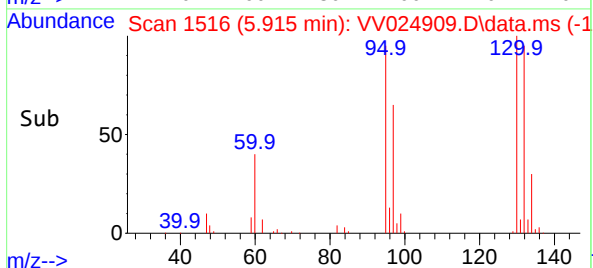
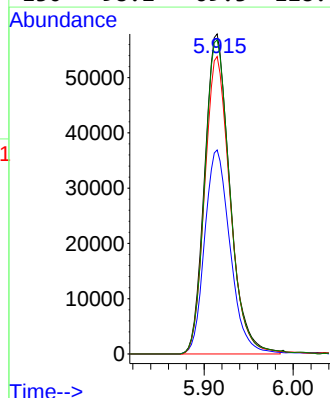
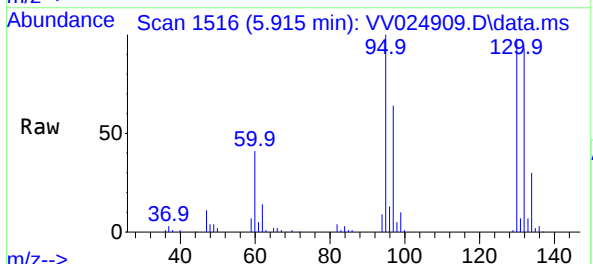
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.2  | 51.5  | 77.3  |
| 61  | 42.0  | 33.8  | 50.8  |

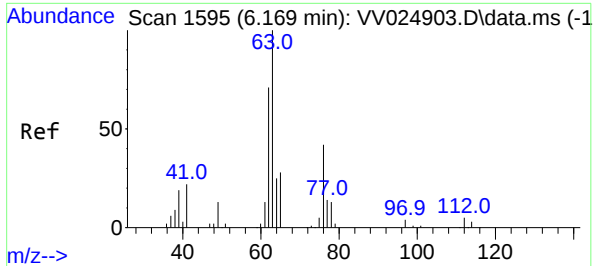


#34  
Trichloroethene  
Concen: 41.967 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.006 min  
Lab File: VV024909.D  
Acq: 10 Mar 2022 12:35

Tgt Ion: 95 Resp: 113992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.7  | 45.3  | 84.1  |
| 132 | 93.0  | 65.0  | 120.6 |
| 130 | 98.2  | 69.3  | 128.7 |

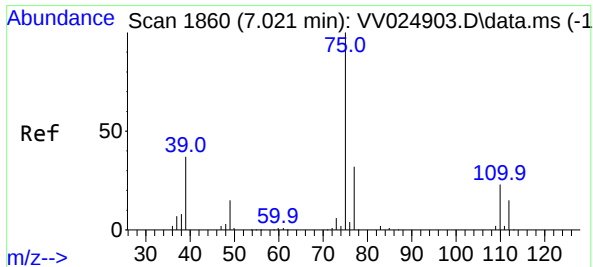
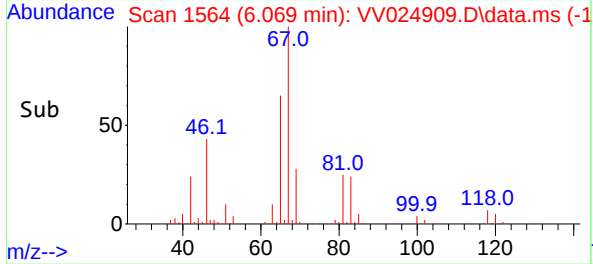
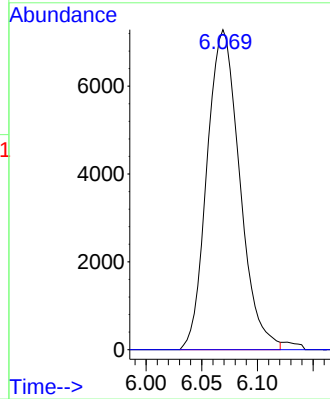
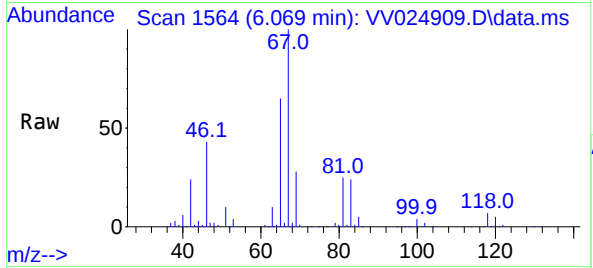




#37  
1,2-Dichloropropane  
Concen: 5.998 ug/L  
RT: 6.069 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV024909.D  
Acq: 10 Mar 2022 12:35

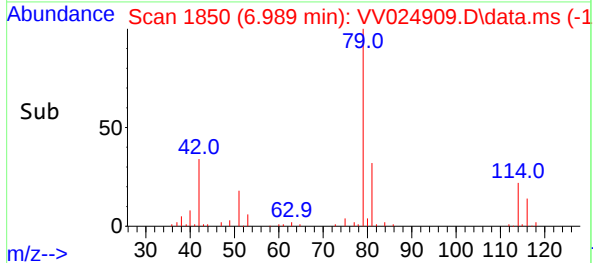
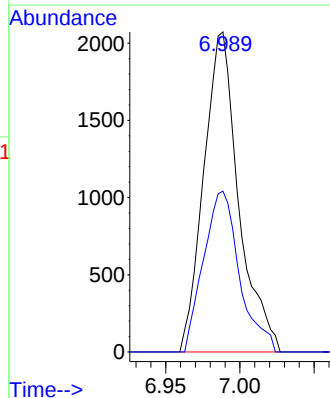
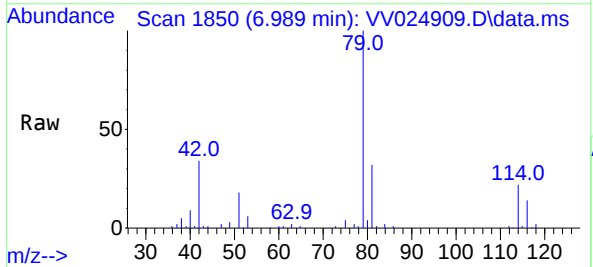
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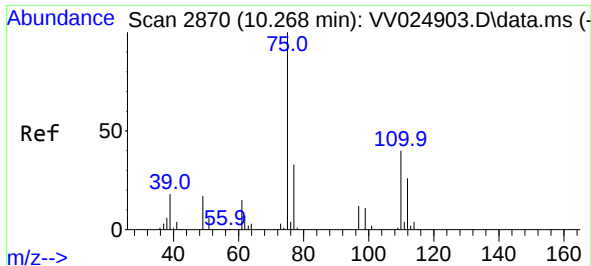
Tgt Ion: 63 Resp: 14912  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.6 5.4#



#39  
cis-1,3-Dichloropropene  
Concen: 0.904 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.032 min  
Lab File: VV024909.D  
Acq: 10 Mar 2022 12:35

Tgt Ion: 75 Resp: 3383  
Ion Ratio Lower Upper  
75 100  
77 50.3 22.9 42.5#





#61

1,2,3-Trichloropropane

Concen: 6.575 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024909.D

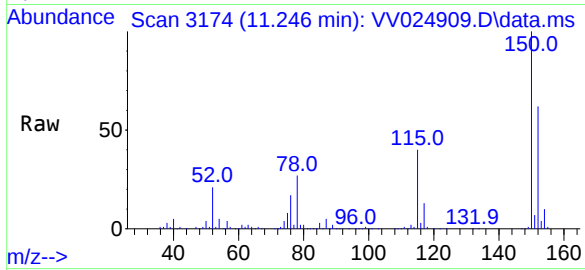
Acq: 10 Mar 2022 12:35

Instrument :

MSVOA\_V

ClientSampleId :

C0D35



Tgt Ion: 75 Resp: 17106

Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.0

110 2.2 31.4 47.2#

