

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031022\  
 Data File : VW024939.D  
 Acq On : 11 Mar 2022 01:17  
 Operator : SY/MD  
 Sample : N1879-08  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D98

Quant Time: Mar 11 05:27:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 11 05:21:24 2022  
 Response via : Initial Calibration

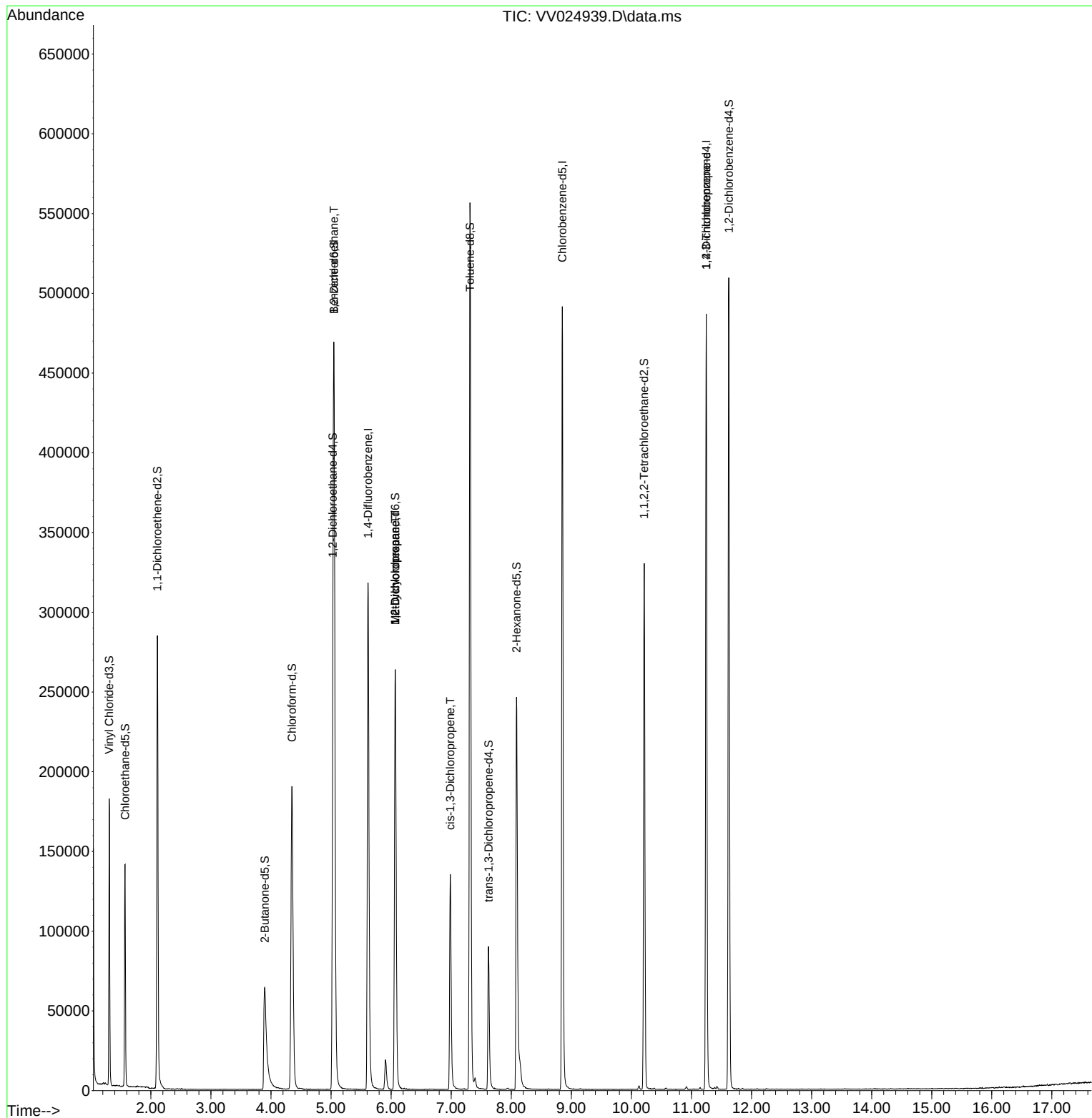
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 282291     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 276647     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246         | 152  | 121893     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 113460     | 39.528  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 79.060% |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 89689      | 39.826  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 79.660% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 148594     | 30.843  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 61.680% |        |          |
| 21) 2-Butanone-d5             | 3.896          | 46   | 132199     | 80.929  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 80.930% |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 204185     | 40.750  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.500% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.031          | 65   | 124410     | 42.082  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.160% |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 432058     | 42.135  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.280% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 135448     | 42.397  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.800% |        |          |
| 41) Toluene-d8                | 7.314          | 98   | 375692     | 41.356  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.720% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 55346      | 39.870  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.740% |        |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 90318      | 74.480  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 74.480% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214         | 84   | 164393     | 43.383  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 86.760% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 127427     | 45.383  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.760% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 27) 1,2-Dichloroethane        | 5.050          | 62   | 2112       | 0.715   | ug/L # | 72       |
| 35) Methylcyclohexane         | 6.069          | 83   | 32295      | 8.317   | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.069          | 63   | 14332      | 6.117   | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.986          | 75   | 3359       | 0.953   | ug/L # | 69       |
| 61) 1,2,3-Trichloropropane    | 11.246         | 75   | 16320      | 6.691   | ug/L # | 64       |
| -----                         |                |      |            |         |        |          |

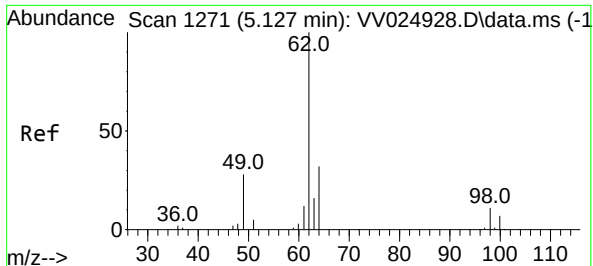
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Mar 11 05:21:24 2022  
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.715 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV024939.D

Acq: 11 Mar 2022 01:17

Instrument :

MSVOA\_V

ClientSampleId :

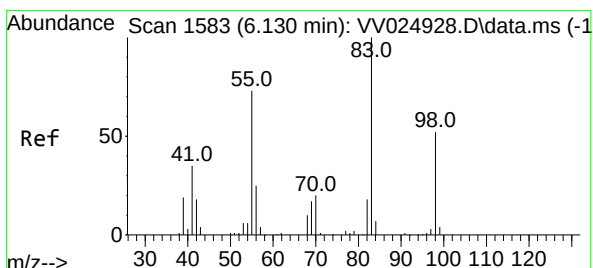
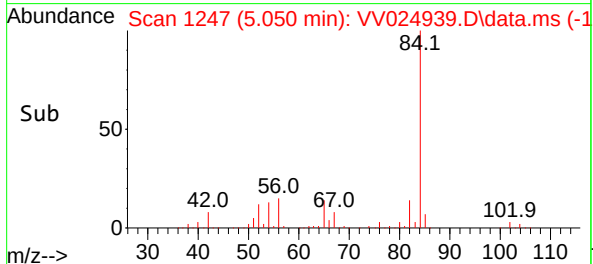
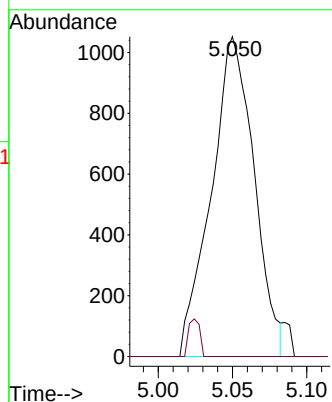
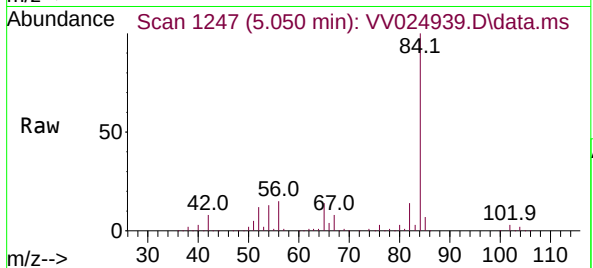
C0D98

Tgt Ion: 62 Resp: 2112

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 8.317 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024939.D

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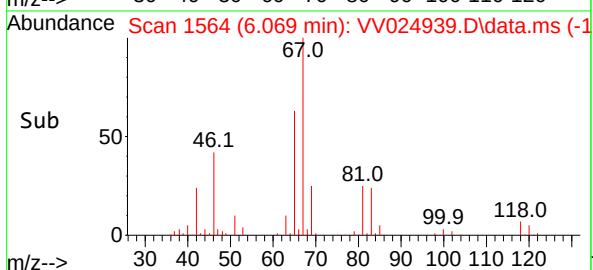
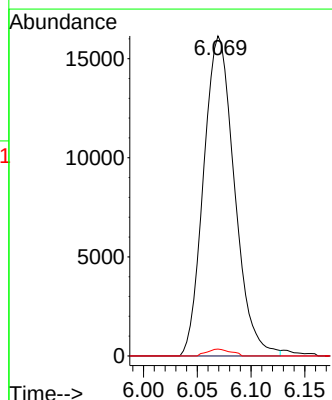
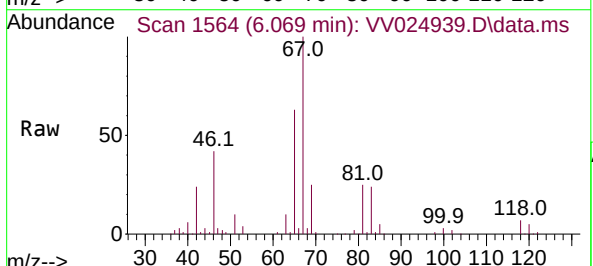
Tgt Ion: 83 Resp: 32295

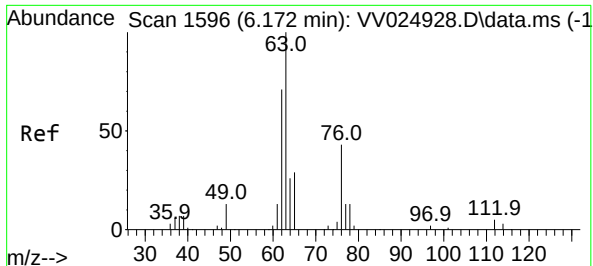
Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 1.6 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 6.117 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024939.D

Acq: 11 Mar 2022 01:17

Instrument :

MSVOA\_V

ClientSampleId :

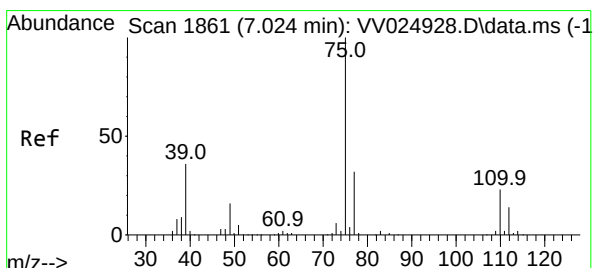
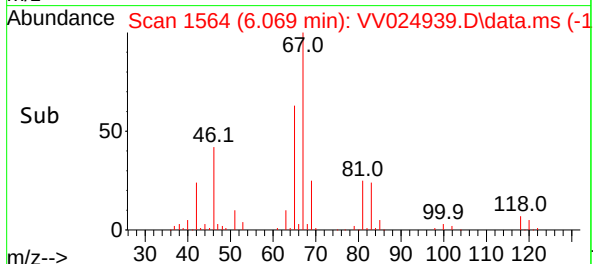
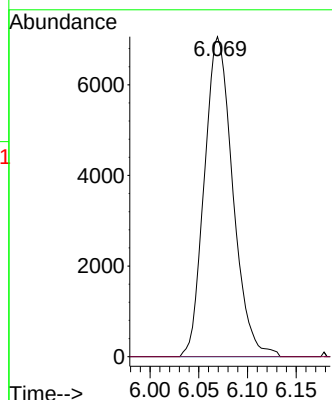
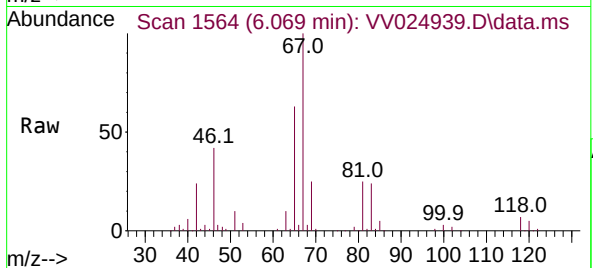
C0D98

Tgt Ion: 63 Resp: 14332

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.953 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024939.D

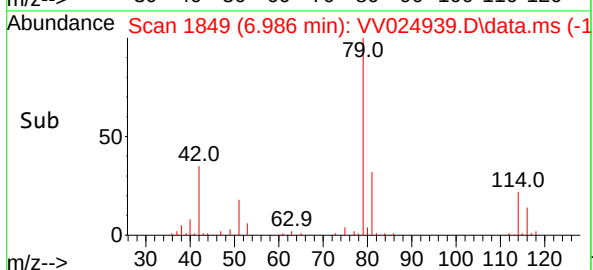
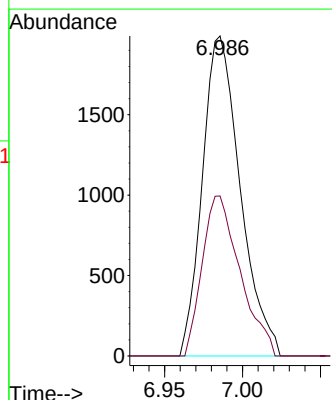
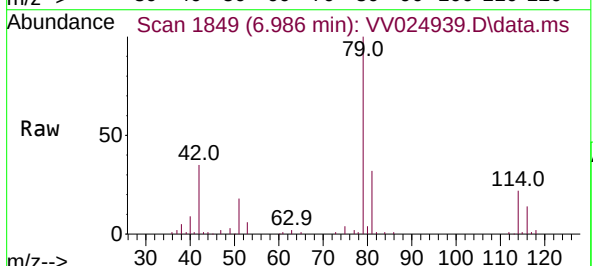
Acq: 11 Mar 2022 01:17

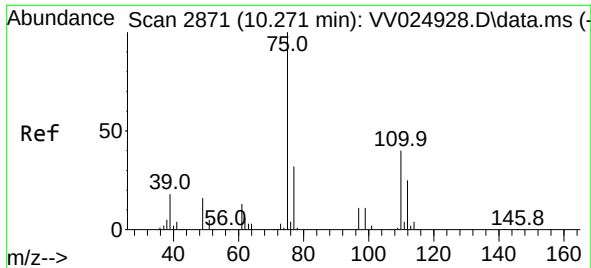
Tgt Ion: 75 Resp: 3359

Ion Ratio Lower Upper

75 100

77 50.0 22.9 42.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.691 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV024939.D  
 Acq: 11 Mar 2022 01:17

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D98

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 16320      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 29.0  | 25.4 38.0  |
| 110         | 2.1   | 31.4 47.2# |

