

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031022\  
 Data File : VV024949.D  
 Acq On : 11 Mar 2022 05:14  
 Operator : SY/MD  
 Sample : N1856-19  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D78

Quant Time: Mar 11 07:25:31 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

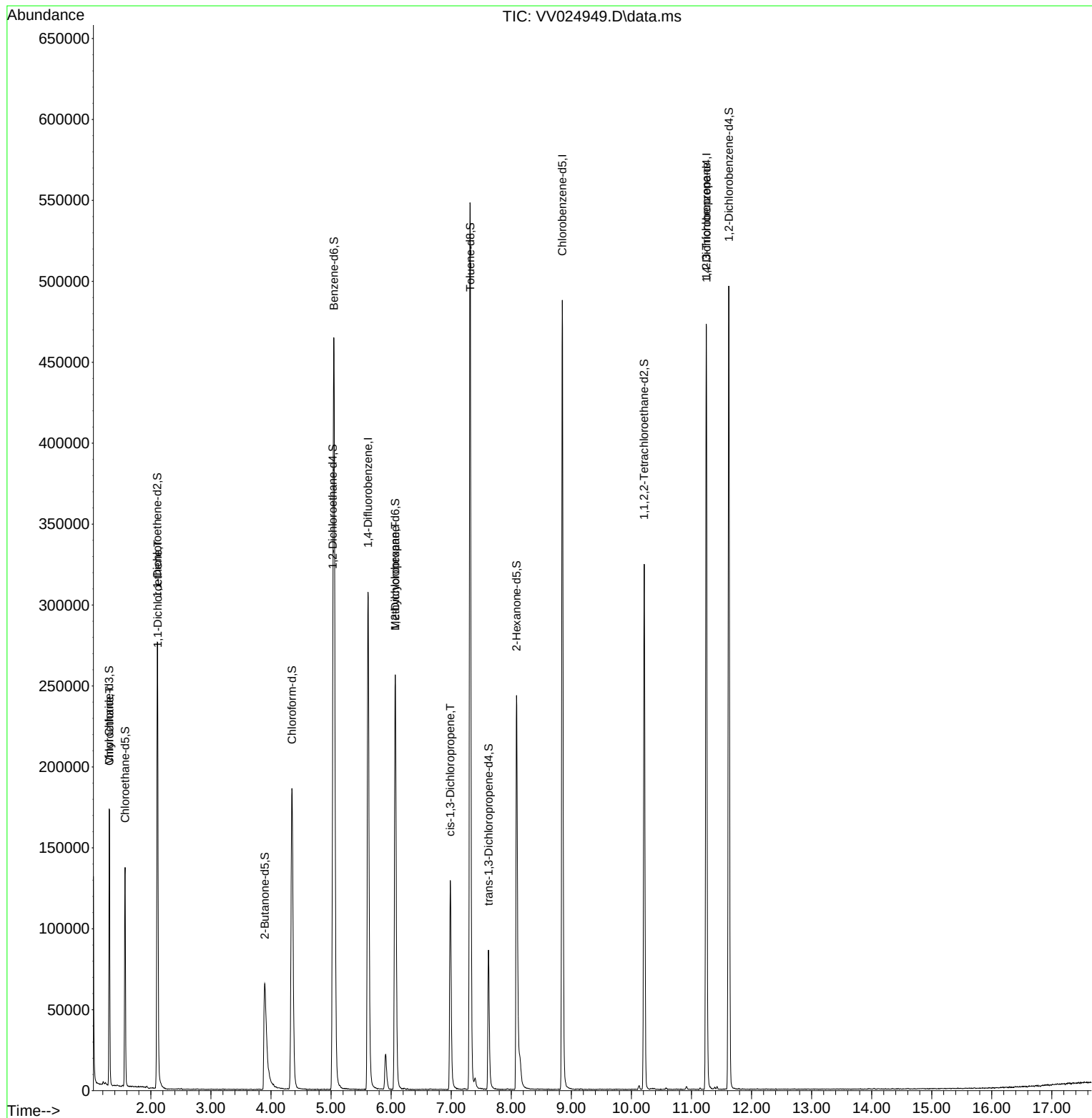
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 277128   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 272984   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 120303   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 110602   | 39.250   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 78.500%  |
| 7) Chloroethane-d5            | 1.571   | 69    | 87253    | 39.467   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 78.940%  |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 144854   | 30.627   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 61.260%  |
| 21) 2-Butanone-d5             | 3.896   | 46    | 133872   | 83.480   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 83.480%  |
| 24) Chloroform-d              | 4.349   | 84    | 200226   | 40.704   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65    | 121820   | 41.973   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.940%  |
| 32) Benzene-d6                | 5.050   | 84    | 427474   | 42.248   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.500%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 132881   | 42.152   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 84.300%  |
| 41) Toluene-d8                | 7.317   | 98    | 369545   | 41.226   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.460%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 53190    | 38.831   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 77.660%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 89706    | 74.968   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 74.970%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 161068   | 43.076   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 86.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 124198   | 44.817   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.640%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.310   | 64    | 1334     | 0.820    | ug/L # | 1        |
| 12) 1,1-Dichloroethene        | 2.114   | 96    | 2416     | 1.178    | ug/L # | 1        |
| 35) Methylcyclohexane         | 6.069   | 83    | 31611    | 8.250    | ug/L # | 20       |
| 39) cis-1,3-Dichloropropene   | 6.985   | 75    | 3339     | 0.960    | ug/L # | 67       |
| 61) 1,2,3-Trichloropropane    | 11.246  | 75    | 15613    | 6.486    | ug/L # | 66       |
| -----                         |         |       |          |          |        |          |

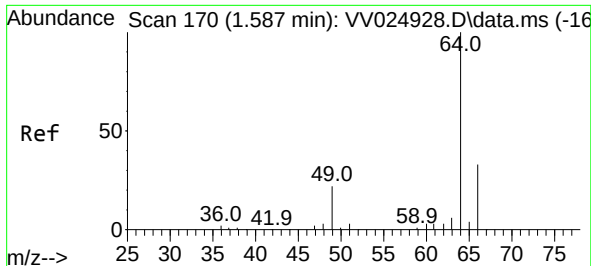
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 11 05:21:24 2022  
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.820 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.276 min

Lab File: VV024949.D

Acq: 11 Mar 2022 05:14

Instrument :

MSVOA\_V

ClientSampleId :

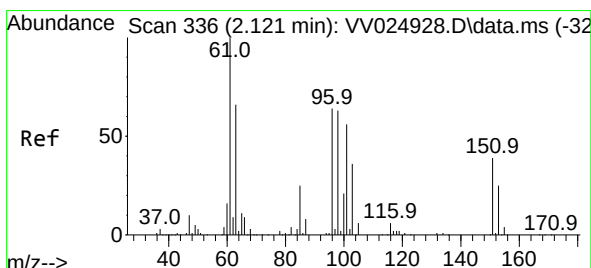
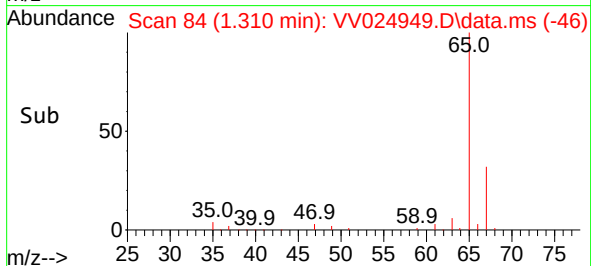
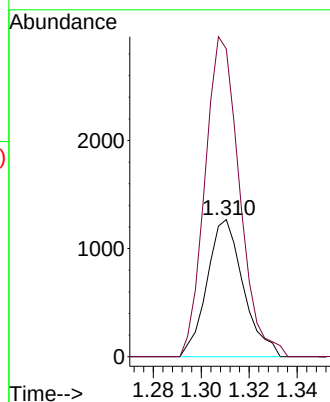
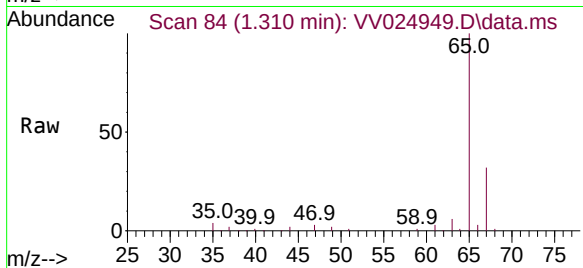
C0D78

Tgt Ion: 64 Resp: 1334

Ion Ratio Lower Upper

64 100

66 224.5 22.2 41.2#



#12

1,1-Dichloroethene

Concen: 1.178 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.006 min

Lab File: VV024949.D

Acq: 11 Mar 2022 05:14

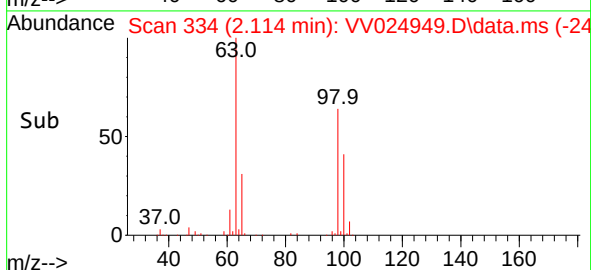
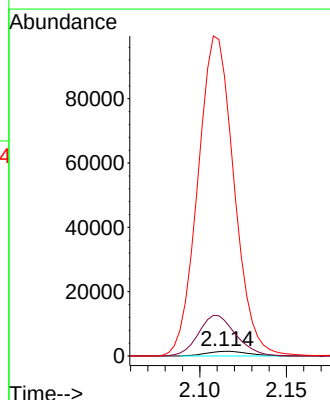
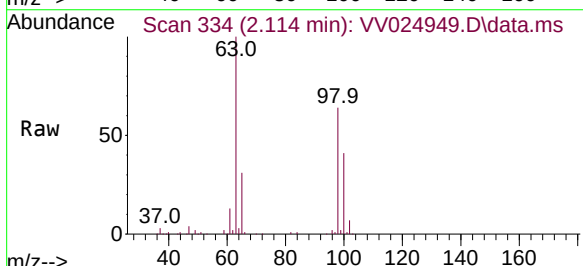
Tgt Ion: 96 Resp: 2416

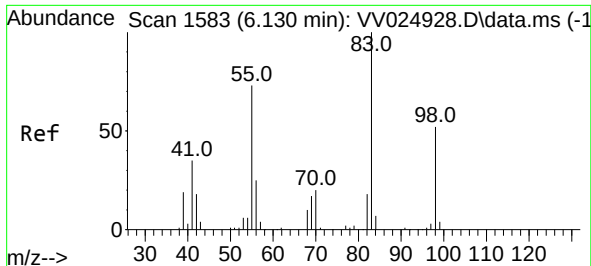
Ion Ratio Lower Upper

96 100

61 755.6 117.6 218.4#

63 5941.2 105.3 195.5#





#35

Methylcyclohexane

Concen: 8.250 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV024949.D

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Instrument :

MSVOA\_V

ClientSampleId :

C0D78

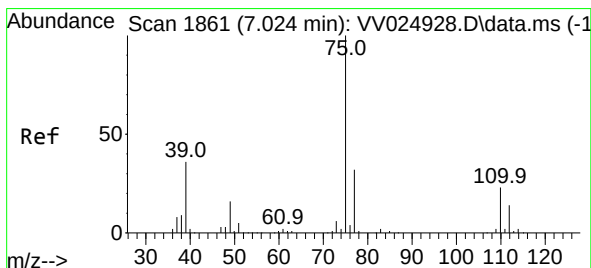
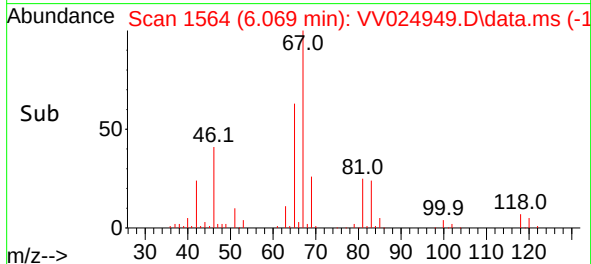
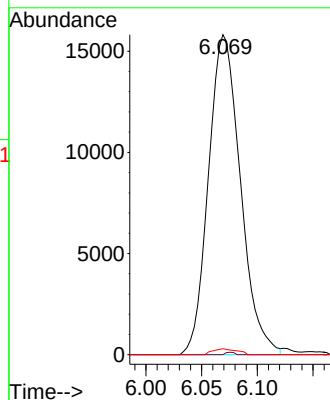
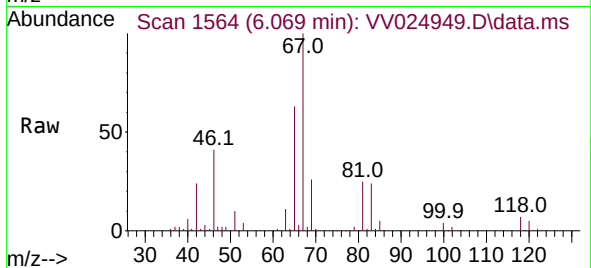
Tgt Ion: 83 Resp: 31611

Ion Ratio Lower Upper

83 100

55 0.2 57.7 86.5#

98 1.4 38.9 58.3#



#39

cis-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024949.D

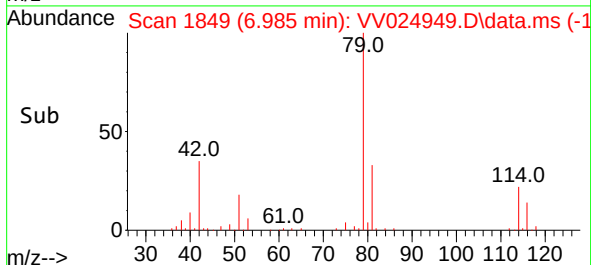
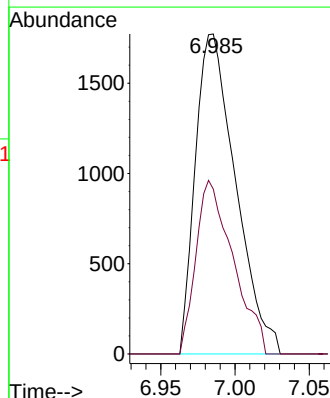
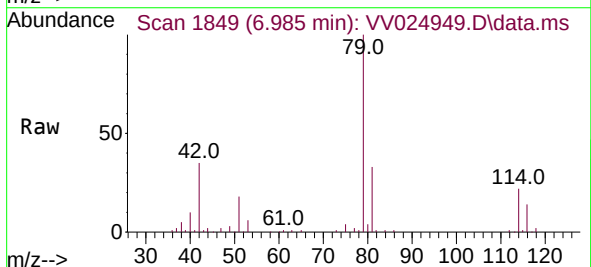
Acq: 11 Mar 2022 05:14

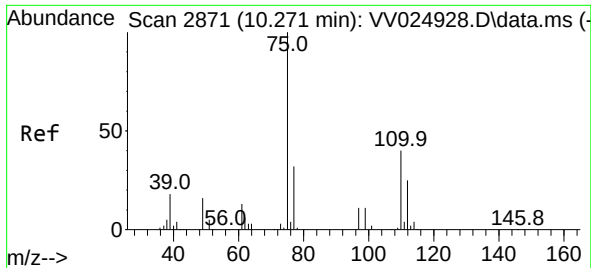
Tgt Ion: 75 Resp: 3339

Ion Ratio Lower Upper

75 100

77 51.5 22.9 42.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.486 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV024949.D  
 Acq: 11 Mar 2022 05:14

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D78

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 15613      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 29.9  | 25.4 38.0  |
| 110         | 2.8   | 31.4 47.2# |

