

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021122\  
 Data File : VW024609.D  
 Acq On : 11 Feb 2022 17:21  
 Operator : SY/MD  
 Sample : N1479-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 12 03:45:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Feb 12 03:41:27 2022  
 Response via : Initial Calibration

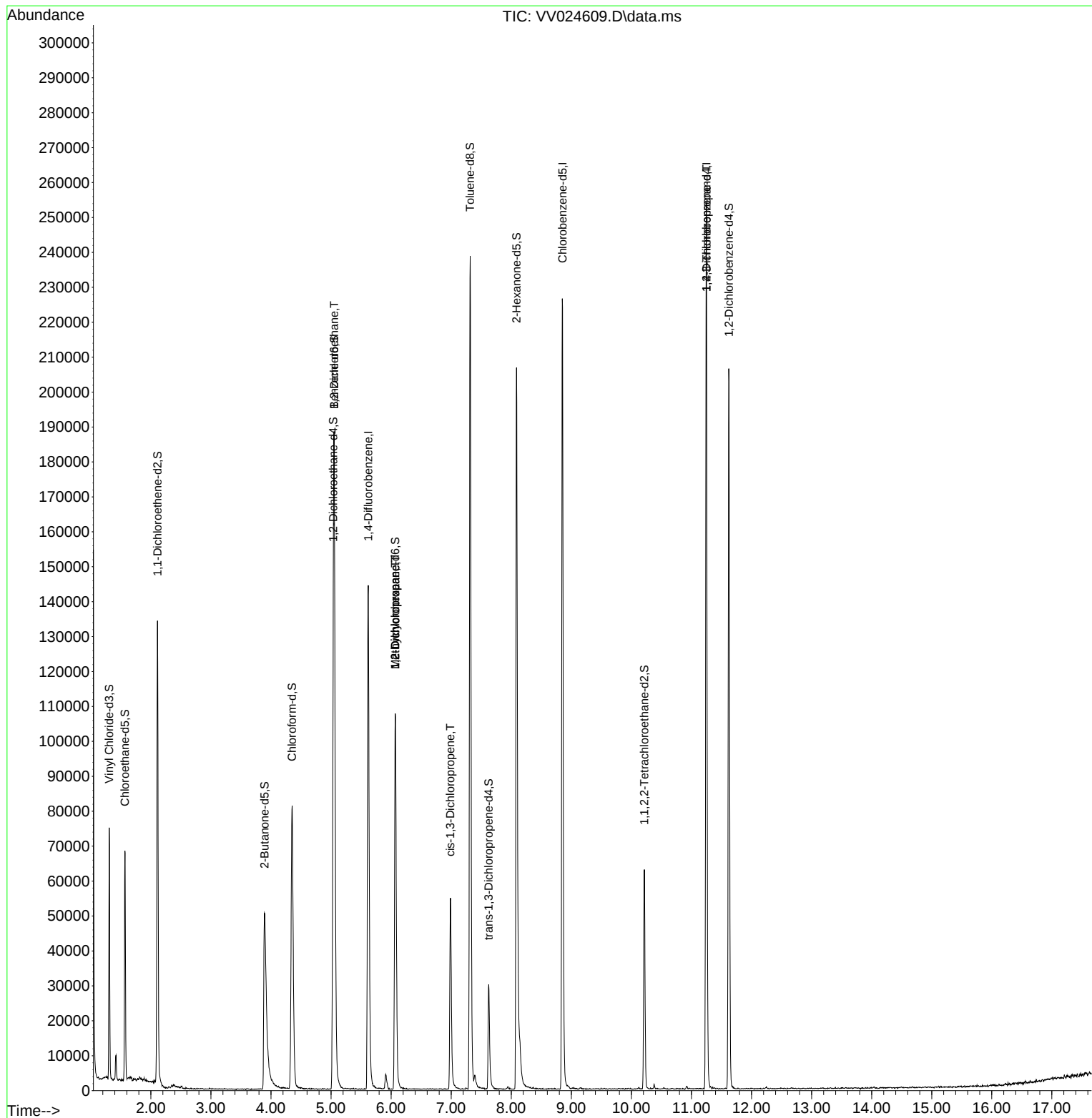
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 122827   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 121325   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 60017    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 43577    | 4.232  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 84.600%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 41480    | 4.766  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 95.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 70286    | 3.121  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 62.400%  |          |
| 20) 2-Butanone-d5             | 3.892  | 46             | 88076    | 51.531 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 103.060% |          |
| 24) Chloroform-d              | 4.352  | 84             | 84587    | 4.668  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 41481    | 5.045  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 100.800% |          |
| 32) Benzene-d6                | 5.053  | 84             | 172342   | 5.006  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.200% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 53717    | 5.017  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.400% |          |
| 41) Toluene-d8                | 7.317  | 98             | 154844   | 4.823  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 18389    | 4.253  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.000%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 73100    | 47.988 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 95.980%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 31315    | 4.912  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 98.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 48984    | 5.063  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.200% |          |
| Target Compounds              |        |                |          |        |          |          |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 1053     | 0.085  | ug/L #   | 73       |
| 35) Methylcyclohexane         | 6.069  | 83             | 12419    | 0.576  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 5947     | 0.518  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75             | 1569     | 0.090  | ug/L #   | 74       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 8630     | 1.459  | ug/L #   | 62       |

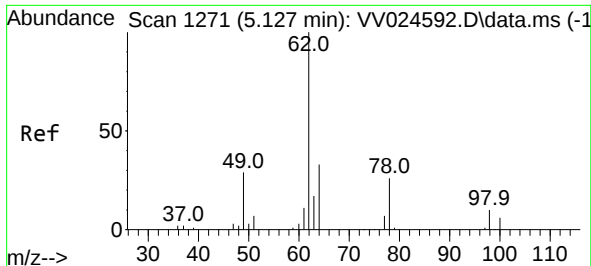
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV024609.D

Acq: 11 Feb 2022 17:21

Instrument :

MSVOA\_V

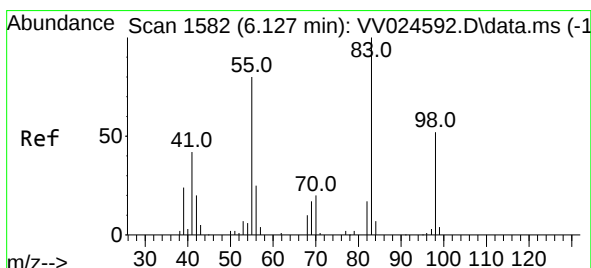
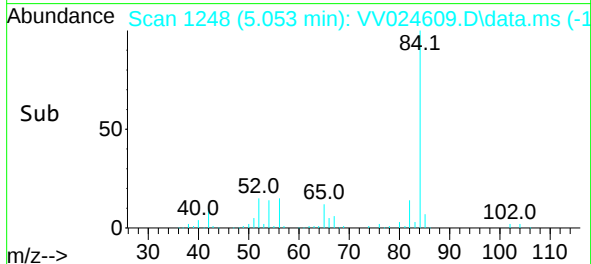
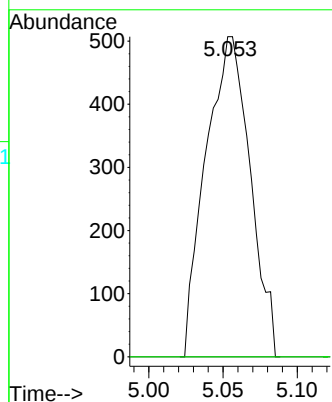
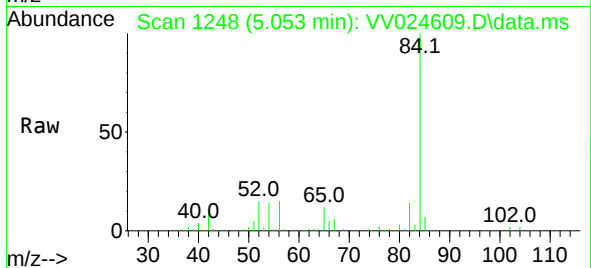
ClientSampleId :

Tgt Ion: 62 Resp: 1053

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.576 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024609.D

Acq: 11 Feb 2022 17:21

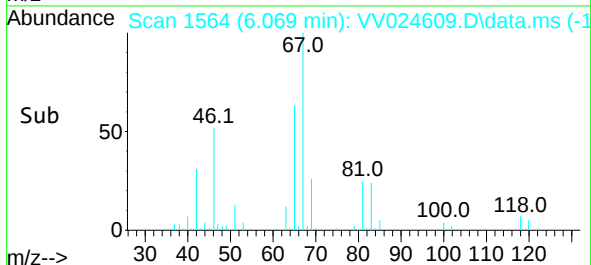
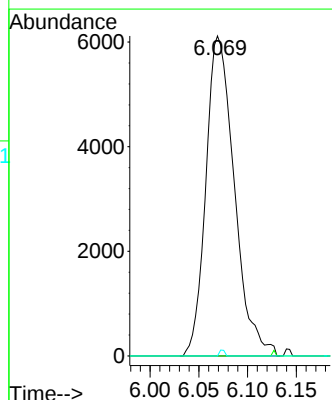
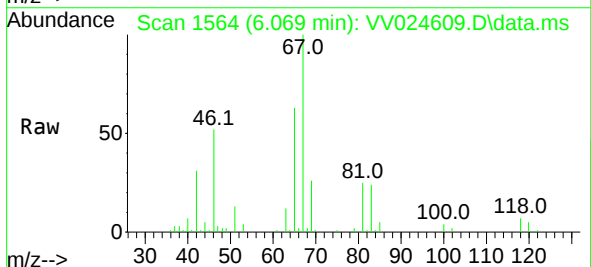
Tgt Ion: 83 Resp: 12419

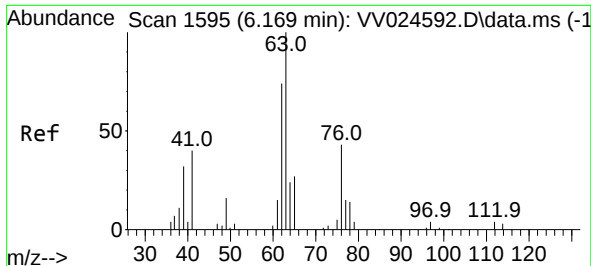
Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.2#

98 0.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024609.D

Acq: 11 Feb 2022 17:21

Instrument :

MSVOA\_V

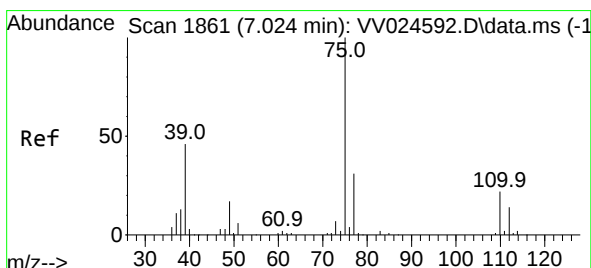
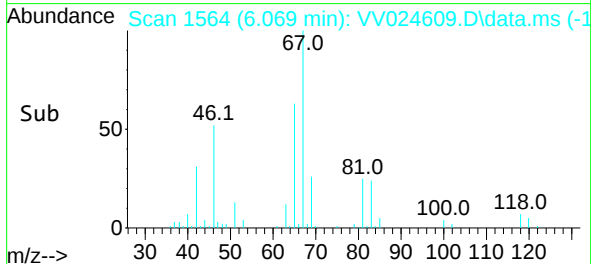
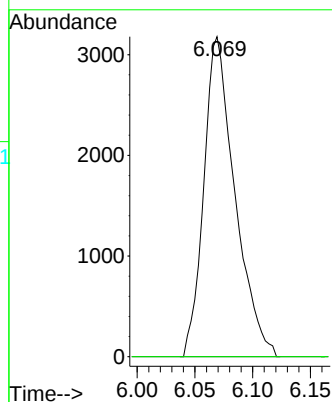
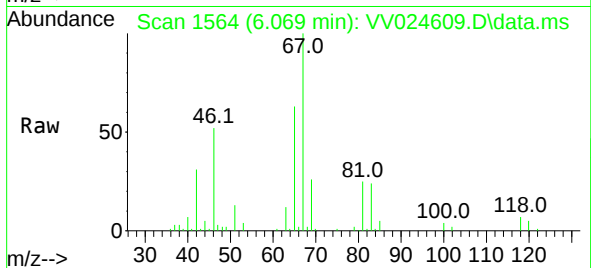
ClientSampleId :

Tgt Ion: 63 Resp: 5947

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024609.D

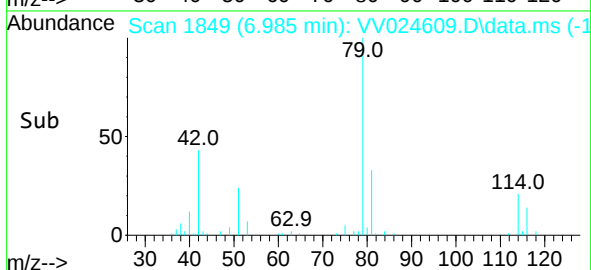
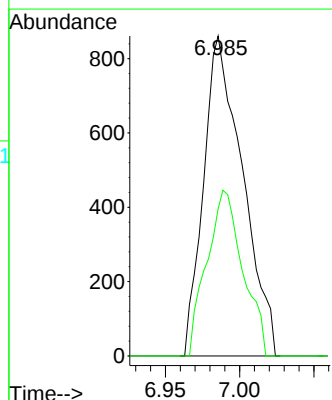
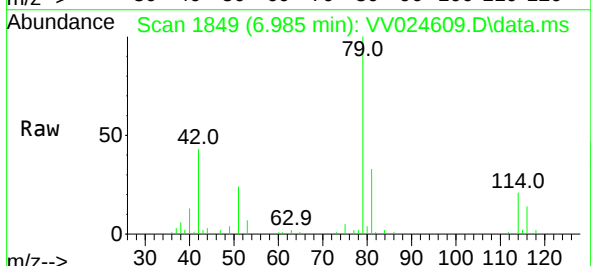
Acq: 11 Feb 2022 17:21

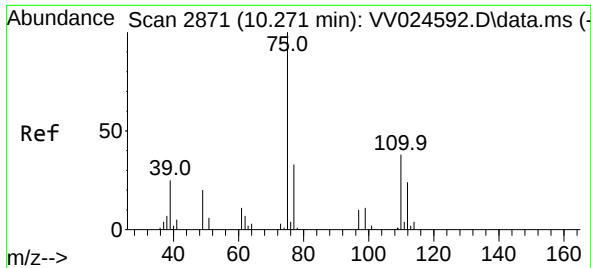
Tgt Ion: 75 Resp: 1569

Ion Ratio Lower Upper

75 100

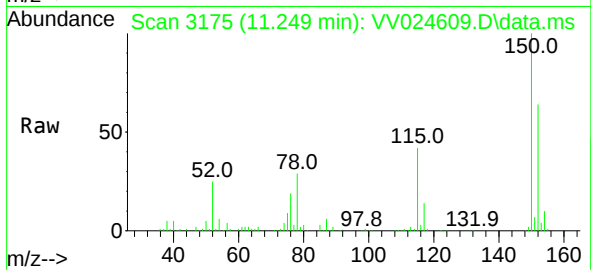
77 46.0 22.0 41.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.459 ug/L  
 RT: 11.249 min Scan# 31  
 Delta R.T. 0.978 min  
 Lab File: VV024609.D  
 Acq: 11 Feb 2022 17:21

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8630  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 29.9  | 26.4  | 39.6  |
| 110      | 3.0   | 34.2  | 51.2# |

