

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042922\  
 Data File : VW025742.D  
 Acq On : 29 Apr 2022 13:49  
 Operator : SY/MD  
 Sample : N2612-03  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH098

Quant Time: May 02 01:24:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon May 02 01:22:31 2022  
 Response via : Initial Calibration

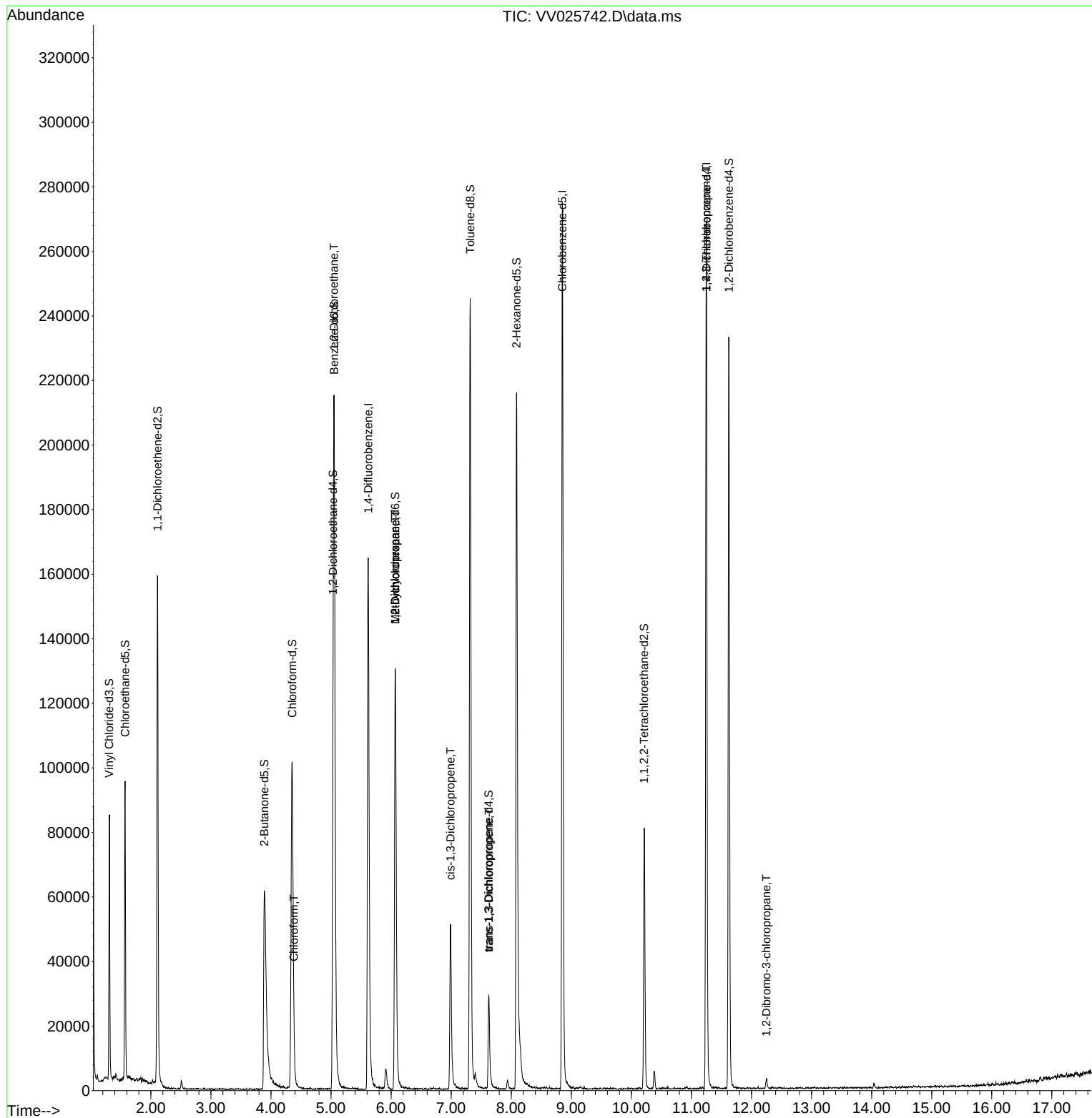
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 145086   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 150182   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 69382    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 50854    | 3.770  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 75.400%  |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 57142    | 3.982  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 79.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 82656    | 3.059  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 61.200%  |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 100454   | 61.223 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 122.440% |          |
| 24) Chloroform-d              | 4.352  | 84             | 105822   | 5.192  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 103.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 49584    | 5.646  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 113.000% |          |
| 32) Benzene-d6                | 5.053  | 84             | 197921   | 4.555  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 63592    | 5.248  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 105.000% |          |
| 41) Toluene-d8                | 7.317  | 98             | 165158   | 4.096  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 82.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 17295    | 4.246  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.000%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 72663    | 50.828 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 101.660% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 38791    | 5.067  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 58397    | 5.020  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.400% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 25) Chloroform                | 4.381  | 83             | 1674     | 0.089  | ug/L #   | 74       |
| 27) 1,2-Dichloroethane        | 5.050  | 62             | 876      | 0.088  | ug/L #   | 71       |
| 35) Methylcyclohexane         | 6.069  | 83             | 15146    | 0.806  | ug/L #   | 22       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 7167     | 0.698  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1517     | 0.113  | ug/L     | 91       |
| 44) trans-1,3-Dichloropropene | 7.628  | 75             | 959      | 0.092  | ug/L     | 96       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 8665     | 1.896  | ug/L #   | 63       |
| 68) 1,2-Dibromo-3-chloropr... | 12.246 | 75             | 183      | 0.232  | ug/L #   | 2        |
| -----                         |        |                |          |        |          |          |

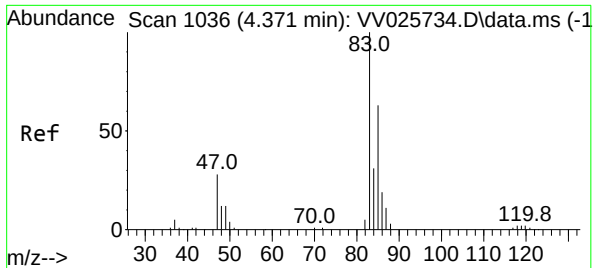
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 02 01:22:31 2022  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.089 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025742.D

Acq: 29 Apr 2022 13:49

Instrument :

MSVOA\_V

ClientSampleId :

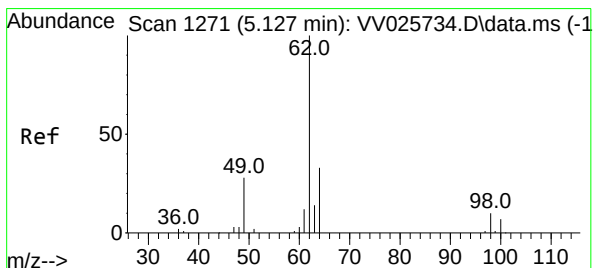
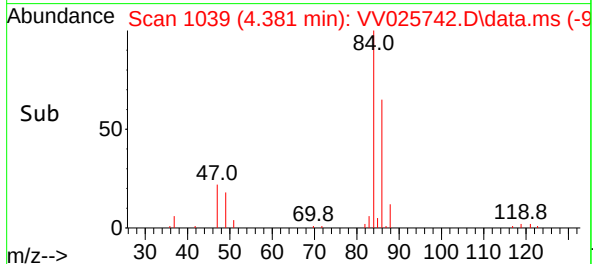
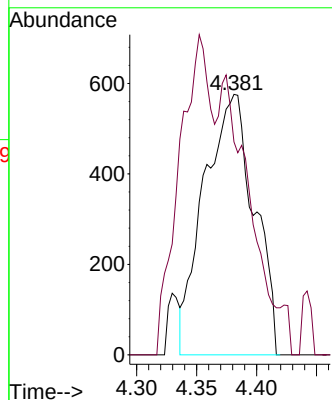
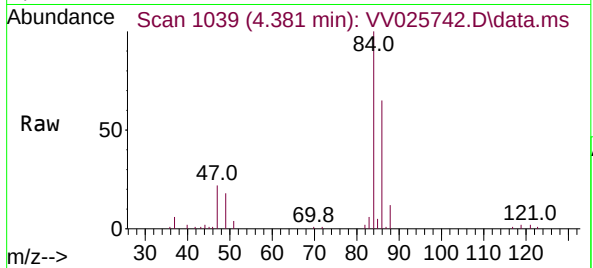
BH098

Tgt Ion: 83 Resp: 1674

Ion Ratio Lower Upper

83 100

85 81.8 43.5 80.7#



#27

1,2-Dichloroethane

Concen: 0.088 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025742.D

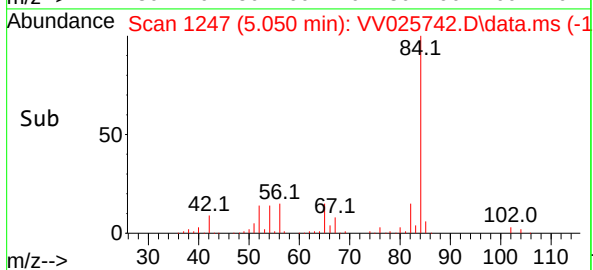
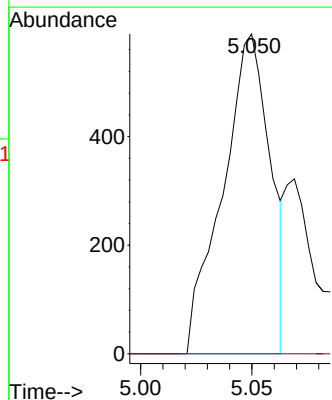
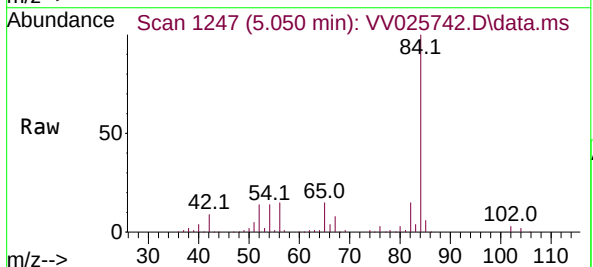
Acq: 29 Apr 2022 13:49

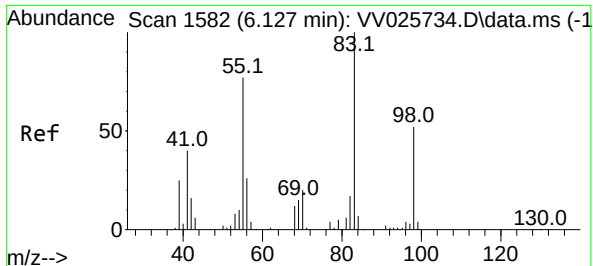
Tgt Ion: 62 Resp: 876

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025742.D

Acq: 29 Apr 2022 13:49

Instrument :

MSVOA\_V

ClientSampleId :

BH098

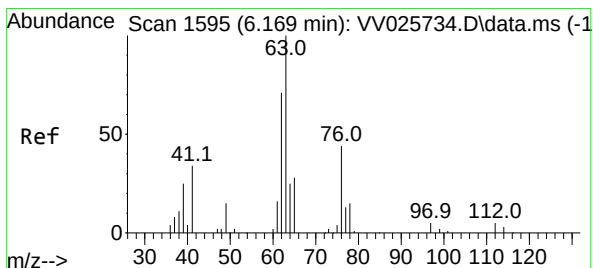
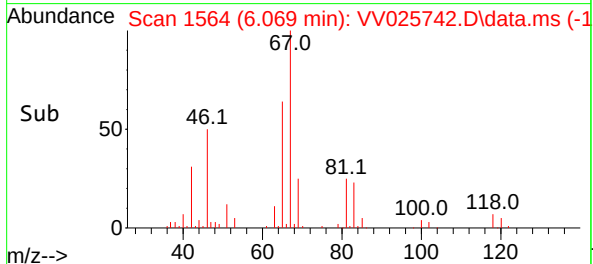
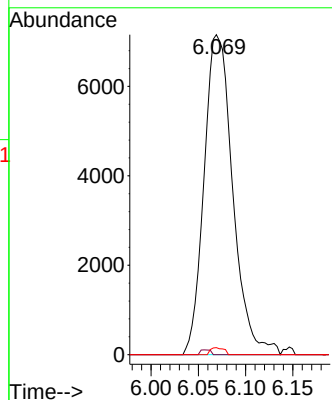
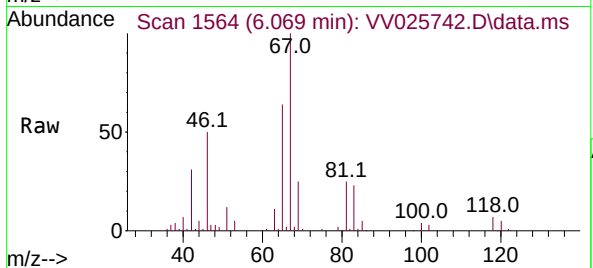
Tgt Ion: 83 Resp: 15146

Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 1.0 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.698 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025742.D

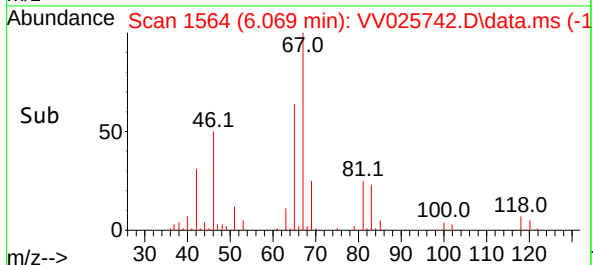
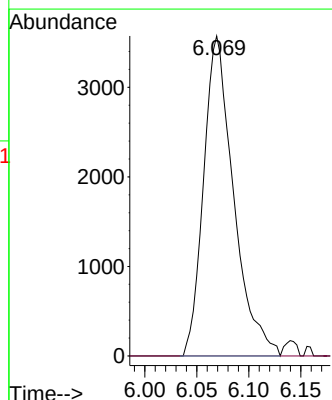
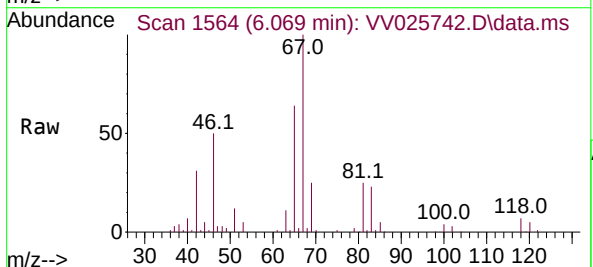
Acq: 29 Apr 2022 13:49

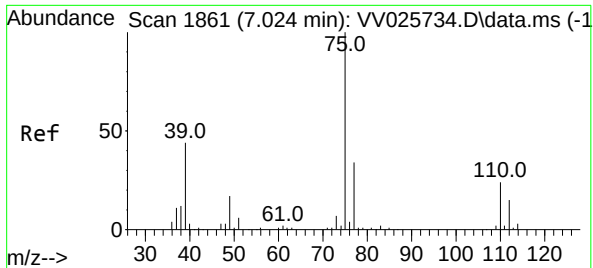
Tgt Ion: 63 Resp: 7167

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025742.D

Acq: 29 Apr 2022 13:49

Instrument :

MSVOA\_V

ClientSampleId :

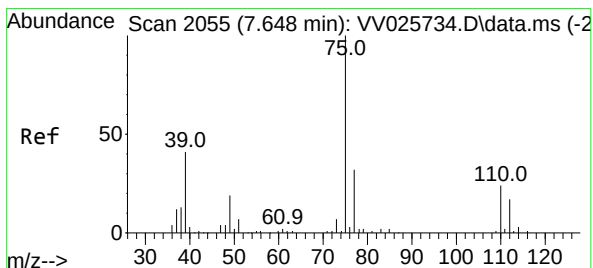
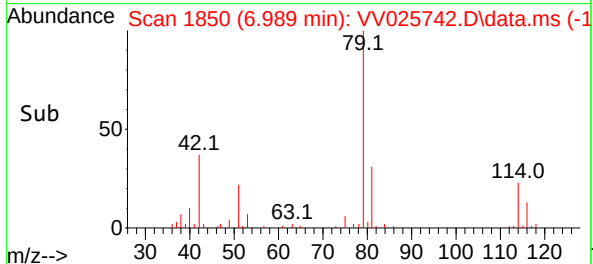
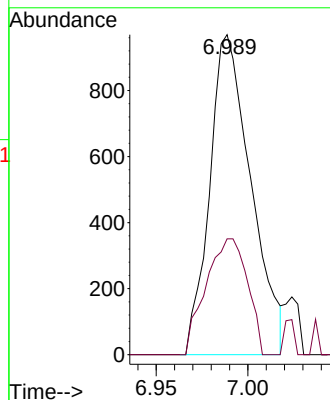
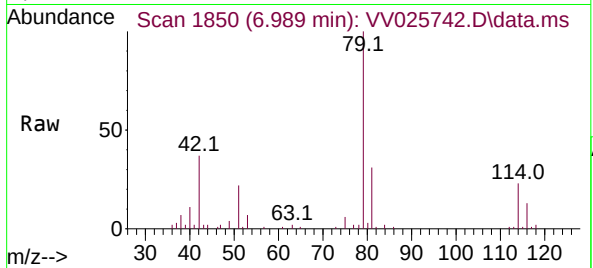
BH098

Tgt Ion: 75 Resp: 1517

Ion Ratio Lower Upper

75 100

77 36.2 21.8 40.6



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025742.D

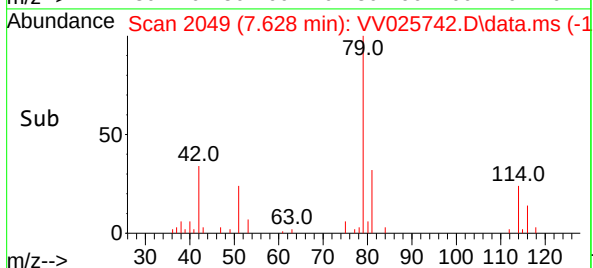
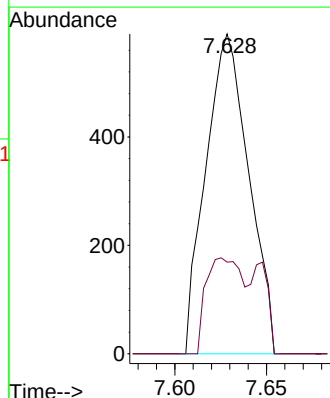
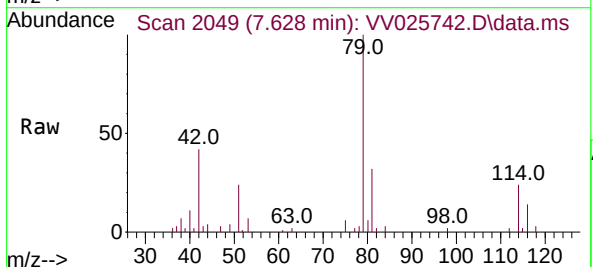
Acq: 29 Apr 2022 13:49

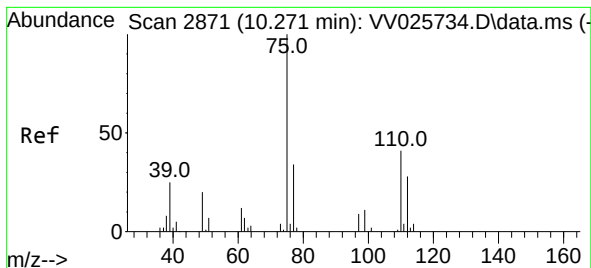
Tgt Ion: 75 Resp: 959

Ion Ratio Lower Upper

75 100

77 28.6 21.7 40.3





#61

1,2,3-Trichloropropane

Concen: 1.896 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025742.D

Acq: 29 Apr 2022 13:49

Instrument :

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ClientSampleId :

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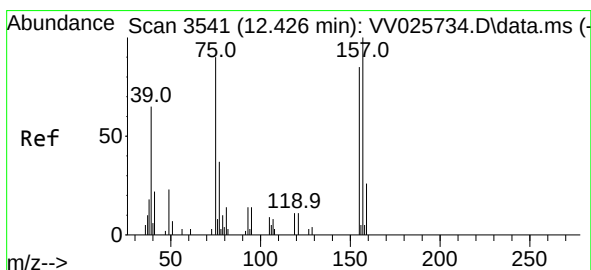
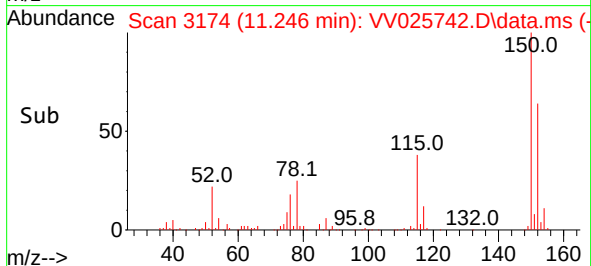
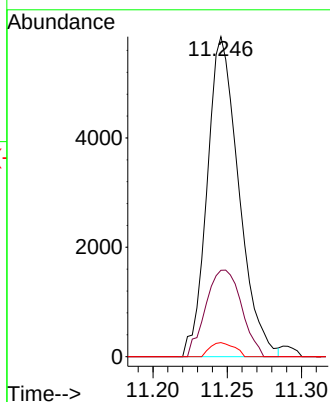
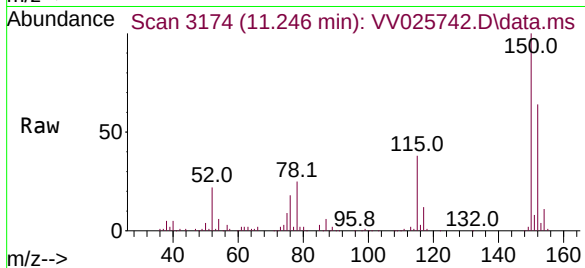
Tgt Ion: 75 Resp: 8665

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

110 3.4 34.7 52.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.232 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.180 min

Lab File: VV025742.D

Acq: 29 Apr 2022 13:49

Tgt Ion: 75 Resp: 183

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

