

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021822\  
 Data File : VW024754.D  
 Acq On : 18 Feb 2022 15:29  
 Operator : SY/MD  
 Sample : N1522-02DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4M82DL

Quant Time: Feb 19 00:45:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Feb 19 00:43:23 2022  
 Response via : Initial Calibration

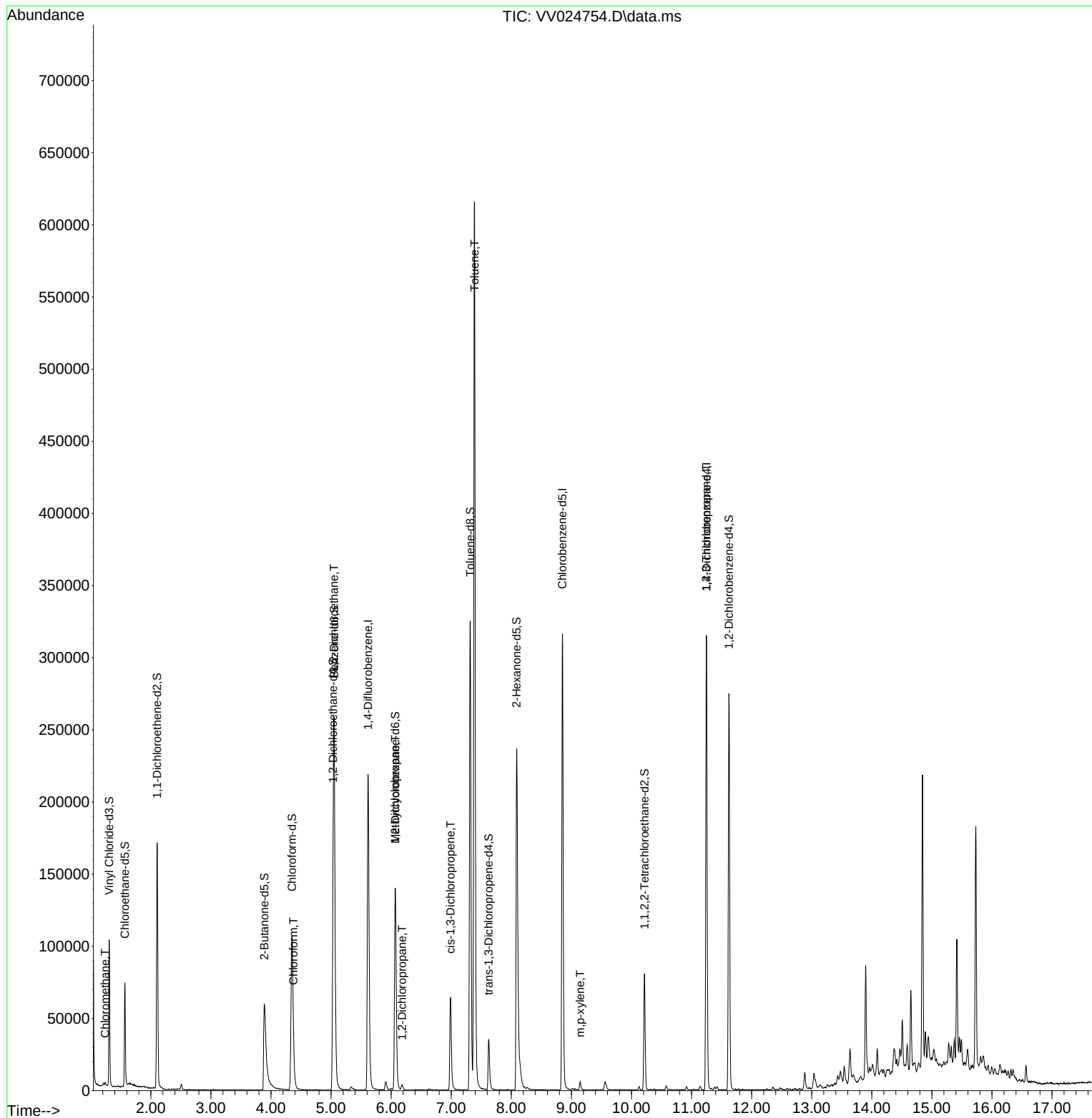
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 190889   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 171996   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 78082    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 65807    | 4.064    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 44646    | 3.361    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 67.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 89248    | 3.008    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 60.200%  |
| 20) 2-Butanone-d5             | 3.889  | 46    | 114206   | 49.382   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.760%  |
| 24) Chloroform-d              | 4.349  | 84    | 110226   | 4.363    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 51891    | 4.608    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.200%  |
| 32) Benzene-d6                | 5.050  | 84    | 244465   | 4.927    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 71987    | 4.930    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 215741   | 4.785    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.800%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 21745    | 4.470    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 89.400%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 97296    | 50.831   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.660% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 41386    | 4.703    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 67576    | 5.002    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.240  | 50    | 1184     | 0.064    | ug/L   | 97       |
| 25) Chloroform                | 4.375  | 83    | 6954     | 0.250    | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 5.047  | 62    | 1214     | 0.082    | ug/L # | 73       |
| 35) Methylcyclohexane         | 6.069  | 83    | 16925    | 0.679    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.182  | 63    | 1850     | 0.134    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1656     | 0.087    | ug/L # | 50       |
| 42) Toluene                   | 7.387  | 91    | 453734   | 7.318    | ug/L   | 100      |
| 53) m,p-xylene                | 9.146  | 106   | 1842     | 0.072    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 10000    | 1.413    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

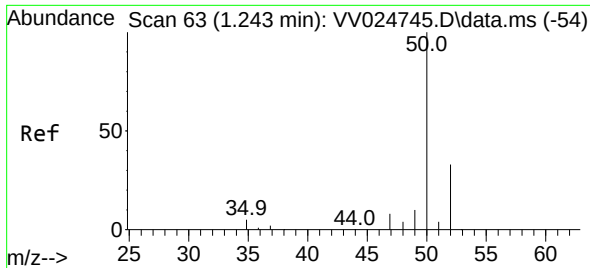
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 19 00:43:23 2022  
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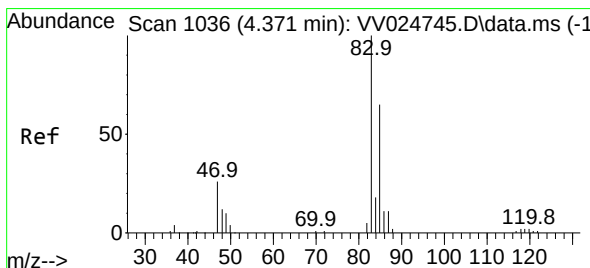
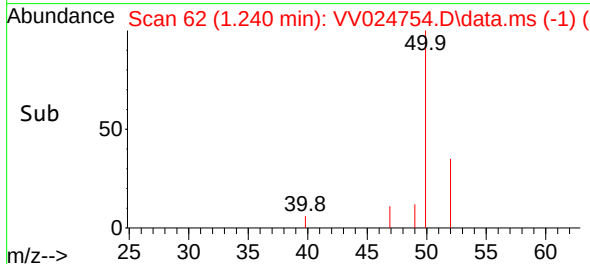
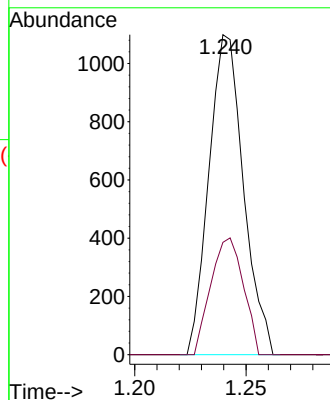
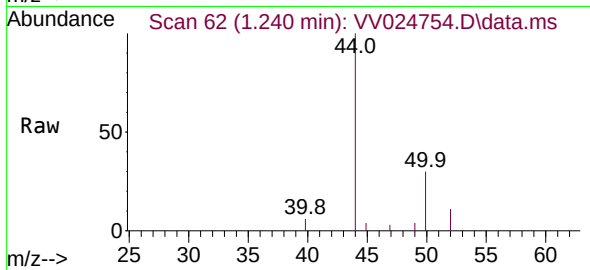




#3  
Chloromethane  
Concen: 0.064 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VV024754.D  
Acq: 18 Feb 2022 15:29

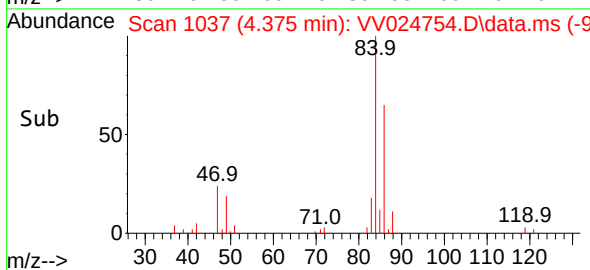
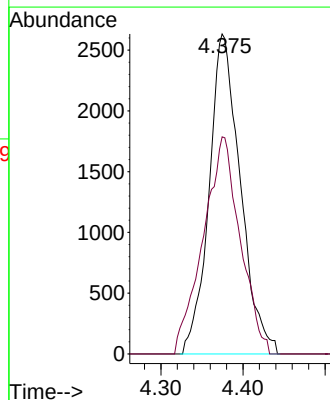
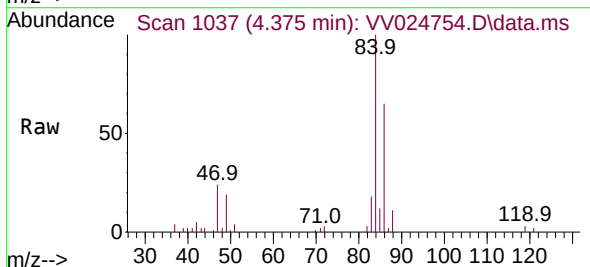
Instrument :  
MSVOA\_V  
ClientSampleId :  
F4M82DL

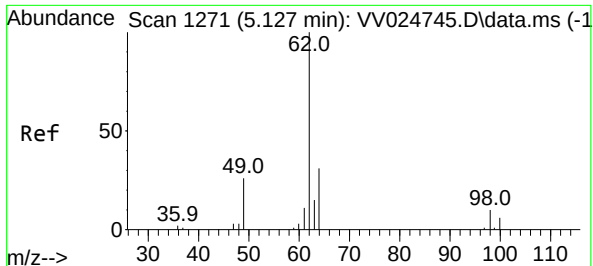
Tgt Ion: 50 Resp: 1184  
Ion Ratio Lower Upper  
50 100  
52 35.1 23.3 43.3



#25  
Chloroform  
Concen: 0.250 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VV024754.D  
Acq: 18 Feb 2022 15:29

Tgt Ion: 83 Resp: 6954  
Ion Ratio Lower Upper  
83 100  
85 67.8 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV024754.D

Acq: 18 Feb 2022 15:29

Instrument :

MSVOA\_V

ClientSampleId :

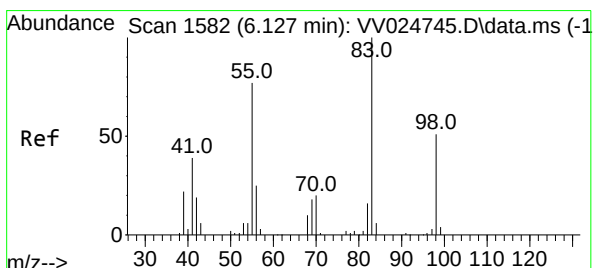
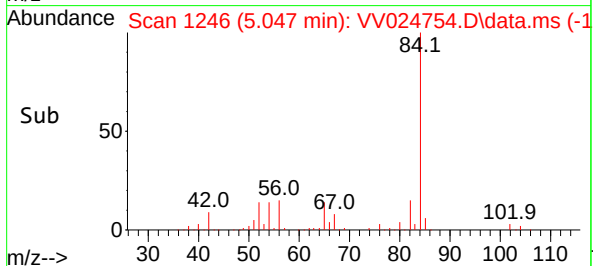
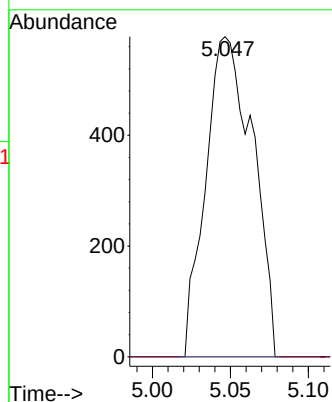
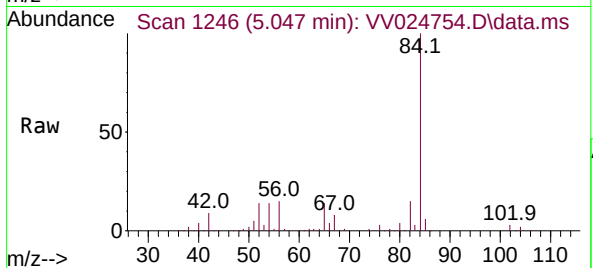
F4M82DL

Tgt Ion: 62 Resp: 1214

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024754.D

Acq: 18 Feb 2022 15:29

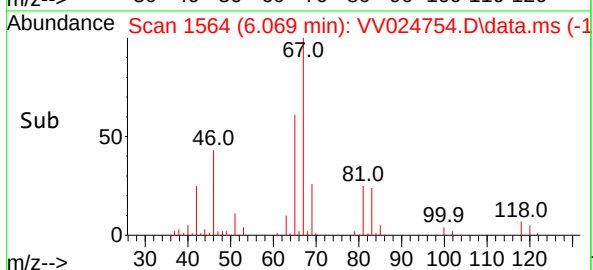
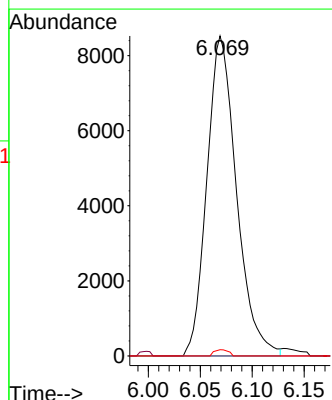
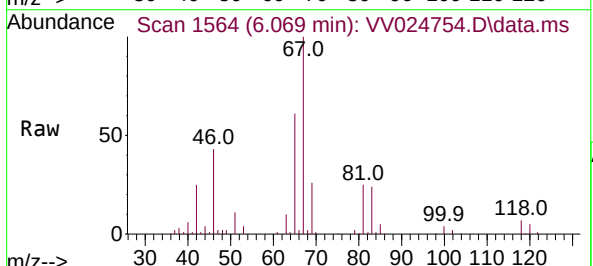
Tgt Ion: 83 Resp: 16925

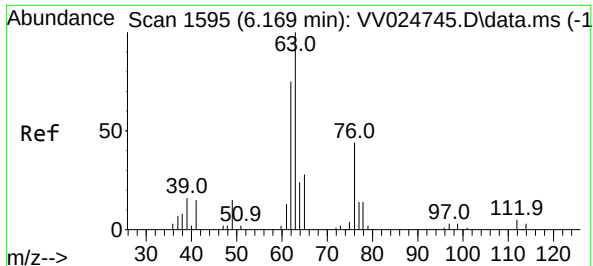
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.9 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.134 ug/L

RT: 6.182 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV024754.D

Acq: 18 Feb 2022 15:29

Instrument :

MSVOA\_V

ClientSampleId :

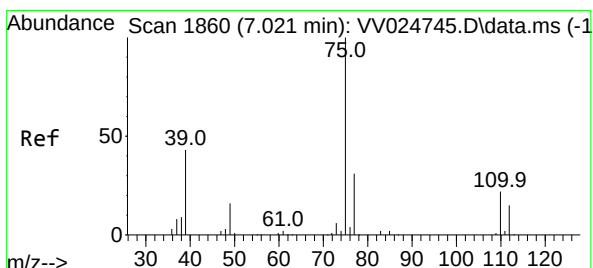
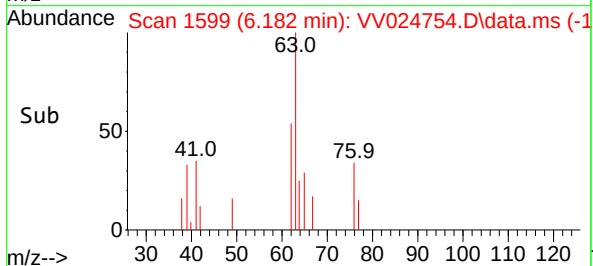
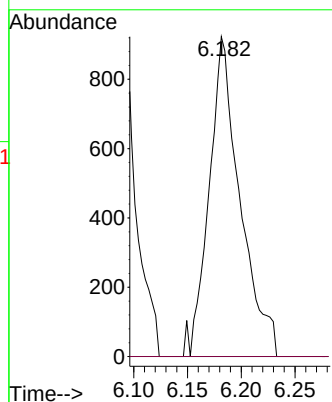
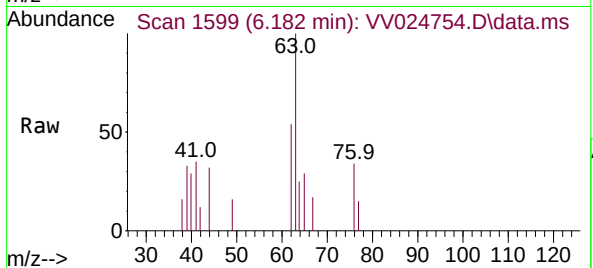
F4M82DL

Tgt Ion: 63 Resp: 1850

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.032 min

Lab File: VV024754.D

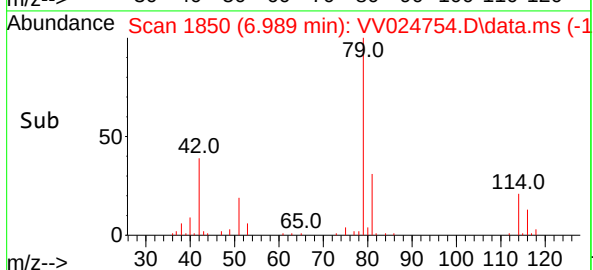
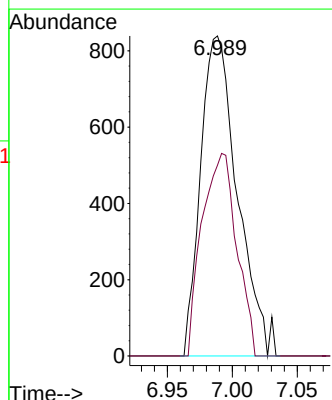
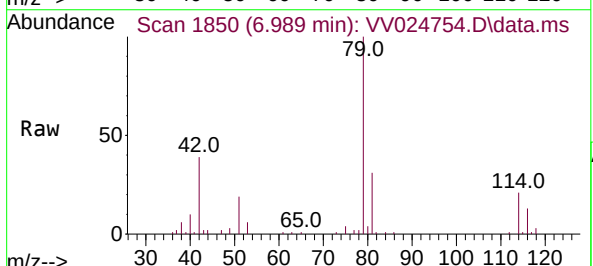
Acq: 18 Feb 2022 15:29

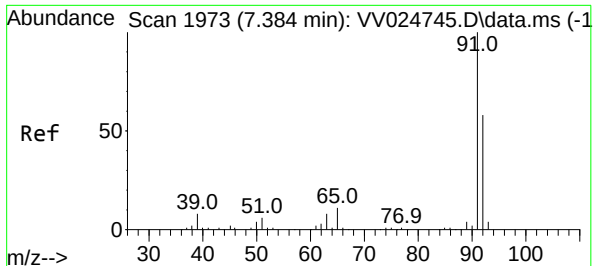
Tgt Ion: 75 Resp: 1656

Ion Ratio Lower Upper

75 100

77 59.6 22.3 41.5#





#42

Toluene

Concen: 7.318 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024754.D

Acq: 18 Feb 2022 15:29

Instrument :

MSVOA\_V

ClientSampleId :

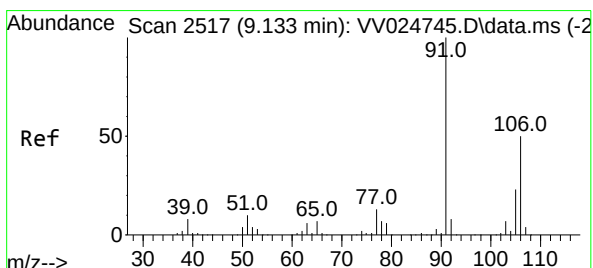
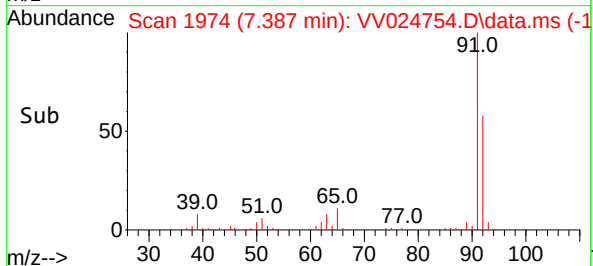
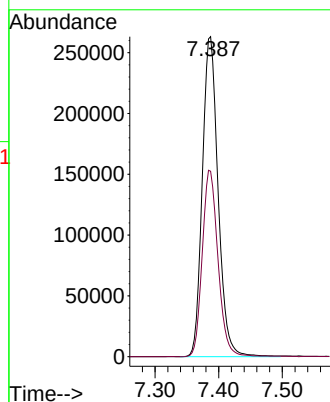
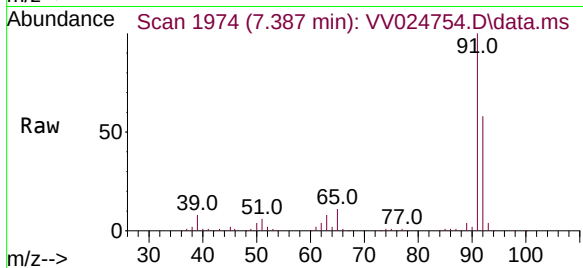
F4M82DL

Tgt Ion: 91 Resp: 453734

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.9



#53

m,p-xylene

Concen: 0.072 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV024754.D

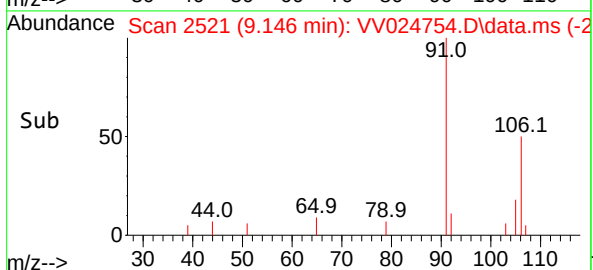
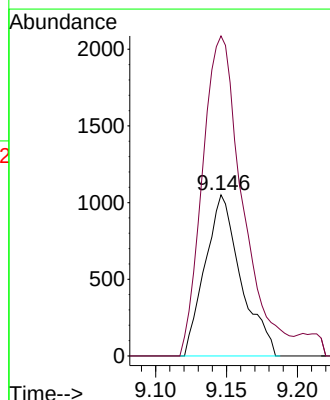
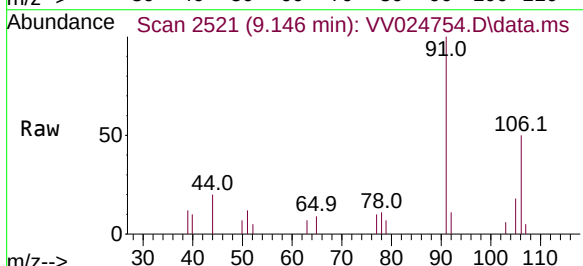
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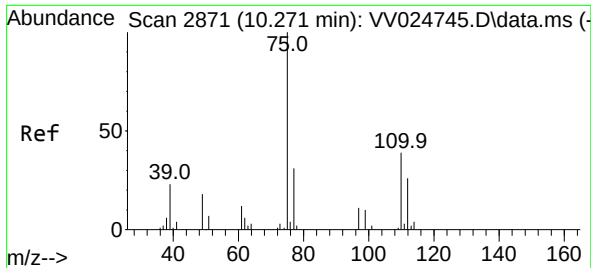
Tgt Ion: 106 Resp: 1842

Ion Ratio Lower Upper

106 100

91 198.6 143.6 266.6





#61  
 1,2,3-Trichloropropane  
 Concen: 1.413 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV024754.D  
 Acq: 18 Feb 2022 15:29

Instrument :  
 MSVOA\_V  
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Tgt Ion: 75 Resp: 10000  
 Ion Ratio Lower Upper  
 75 100  
 77 35.6 26.3 39.5  
 110 2.9 30.3 45.5#

