

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032522\  
 Data File : VW025173.D  
 Acq On : 25 Mar 2022 12:58  
 Operator : SY/MD  
 Sample : N2100-03RE  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AF5

Quant Time: Mar 25 23:21:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 25 23:19:44 2022  
 Response via : Initial Calibration

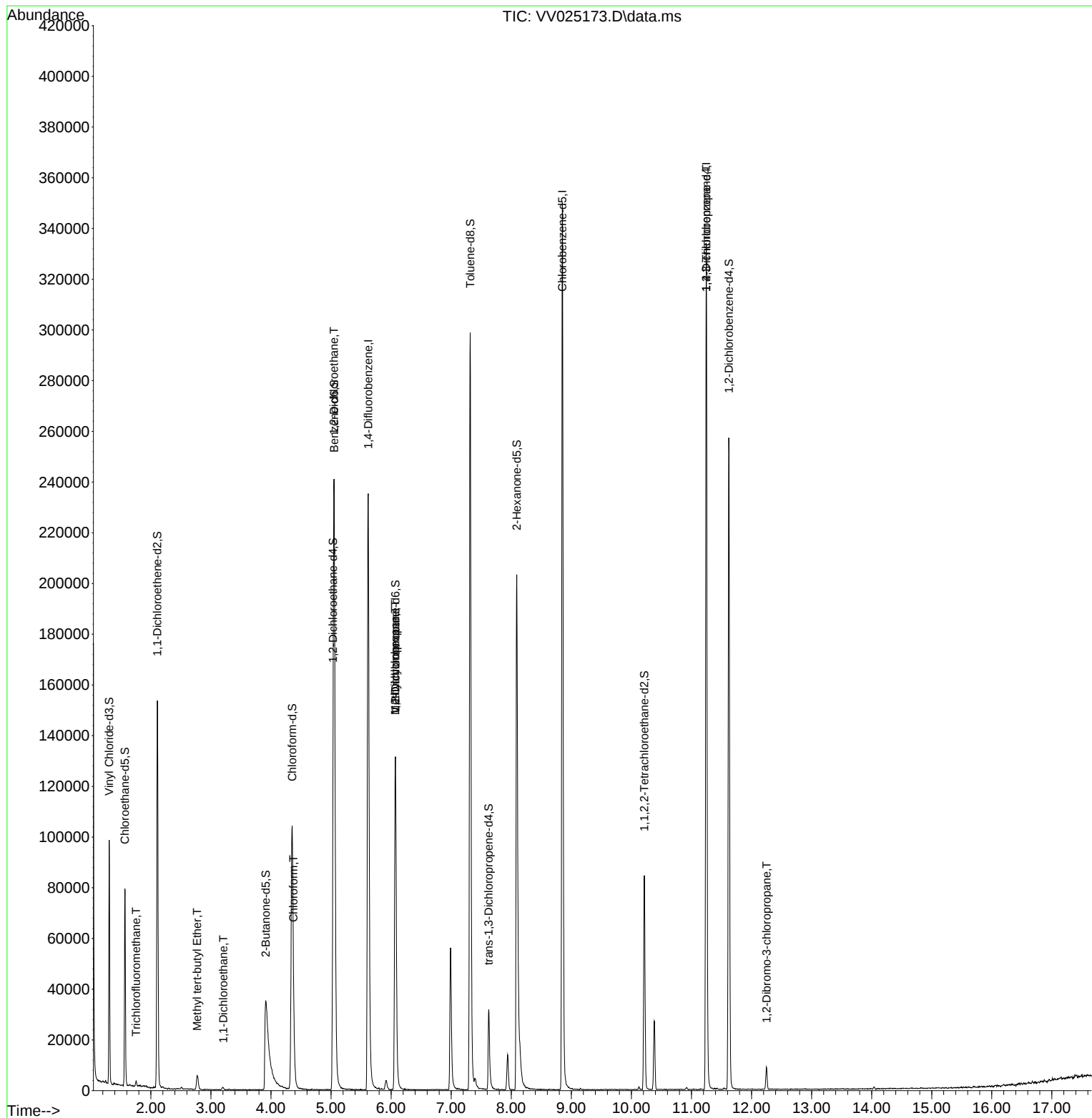
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 221258   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 206495   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 90487    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 60312    | 3.453    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 69.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 50357    | 3.937    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 78483    | 2.780    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 55.600%# |
| 20) 2-Butanone-d5             | 3.912  | 46    | 87694    | 41.540   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 83.080%  |
| 24) Chloroform-d              | 4.352  | 84    | 113325   | 3.912    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 49278    | 4.068    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.400%  |
| 32) Benzene-d6                | 5.053  | 84    | 237910   | 3.972    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 70913    | 4.117    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 82.400%  |
| 41) Toluene-d8                | 7.317  | 98    | 205219   | 3.759    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.200%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 21273    | 3.543    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 70.800%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 82951    | 40.499   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 43668    | 4.309    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 69155    | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 1252     | 0.047    | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 6760     | 0.220    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.204  | 63    | 1713     | 0.059    | ug/L # | 83       |
| 25) Chloroform                | 4.375  | 83    | 8696     | 0.289    | ug/L   | 89       |
| 27) 1,2-Dichloroethane        | 5.050  | 62    | 1146     | 0.077    | ug/L # | 71       |
| 35) Methylcyclohexane         | 6.069  | 83    | 17212    | 0.608    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 7193     | 0.466    | ug/L # | 86       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 10596    | 1.392    | ug/L # | 66       |
| 68) 1,2-Dibromo-3-chloropr... | 12.249 | 75    | 294      | 0.225    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

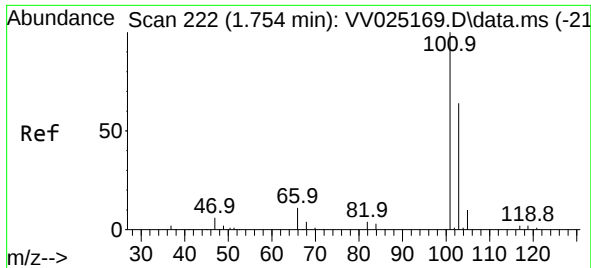
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 25 23:19:44 2022  
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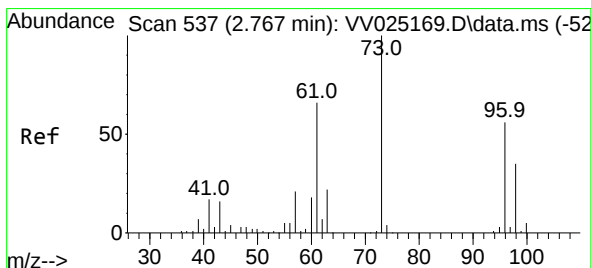
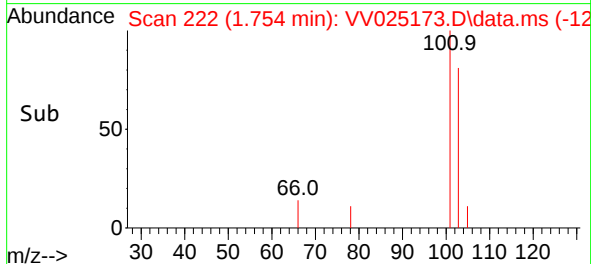
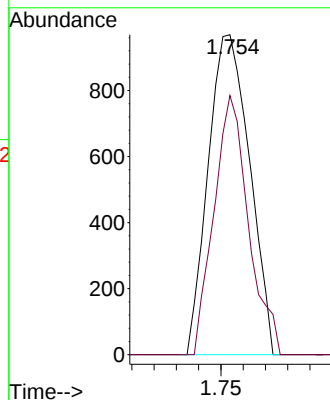
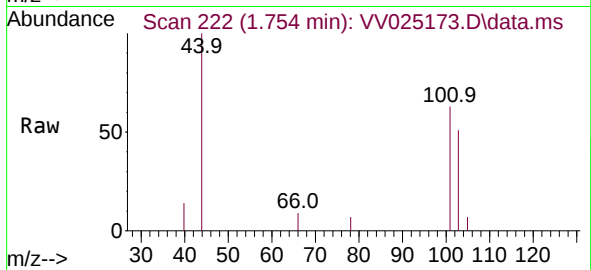




#9  
Trichlorofluoromethane  
Concen: 0.047 ug/L  
RT: 1.754 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV025173.D  
Acq: 25 Mar 2022 12:58

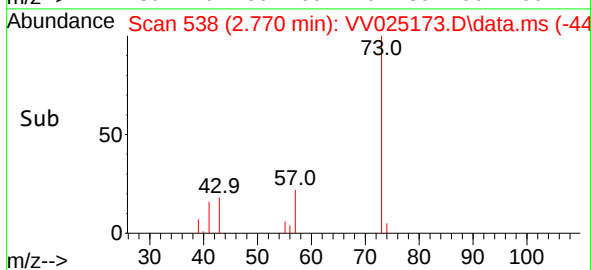
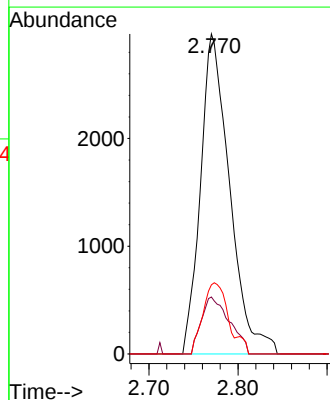
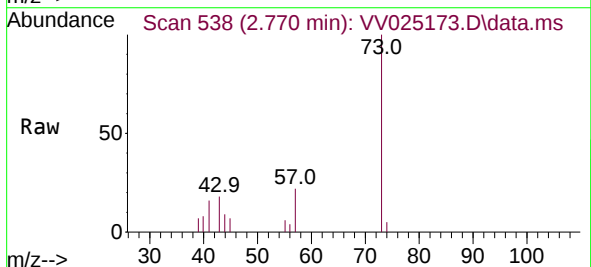
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AF5

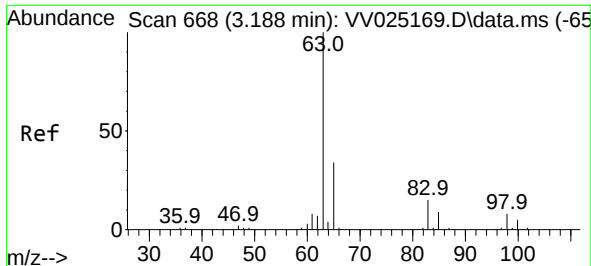
Tgt Ion:101 Resp: 1252  
Ion Ratio Lower Upper  
101 100  
103 67.6 51.5 77.3



#17  
Methyl tert-butyl Ether  
Concen: 0.220 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. 0.003 min  
Lab File: VV025173.D  
Acq: 25 Mar 2022 12:58

Tgt Ion: 73 Resp: 6760  
Ion Ratio Lower Upper  
73 100  
43 17.2 13.2 19.8  
57 19.5 16.7 25.1





#19

1,1-Dichloroethane

Concen: 0.059 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.016 min

Lab File: VV025173.D

Acq: 25 Mar 2022 12:58

Instrument :

MSVOA\_V

ClientSampleId :

C0AF5

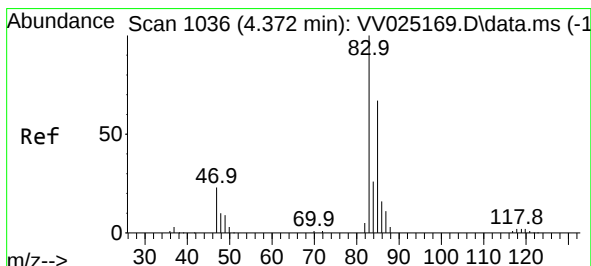
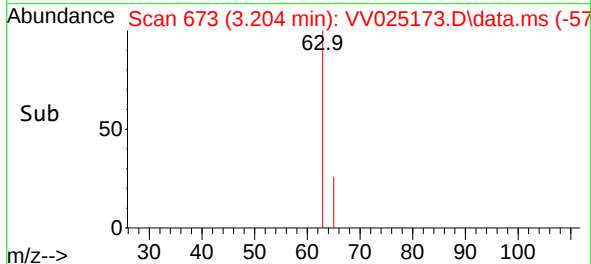
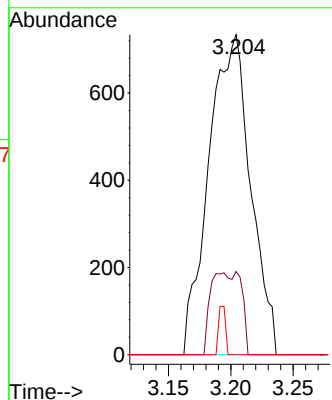
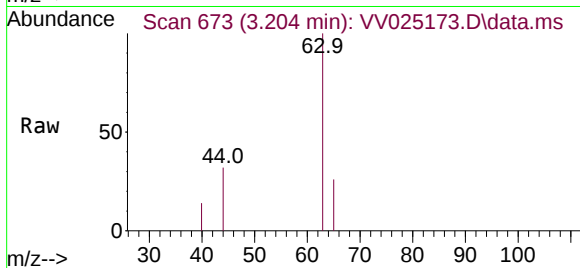
Tgt Ion: 63 Resp: 1713

Ion Ratio Lower Upper

63 100

65 26.0 22.2 41.2

83 0.0 9.4 17.4#



#25

Chloroform

Concen: 0.289 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025173.D

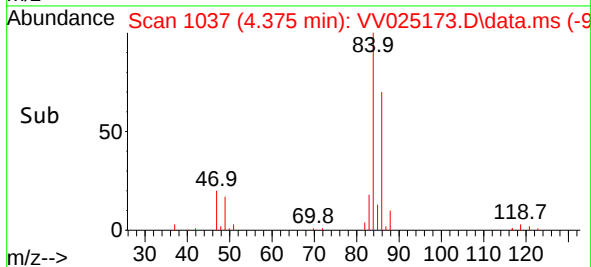
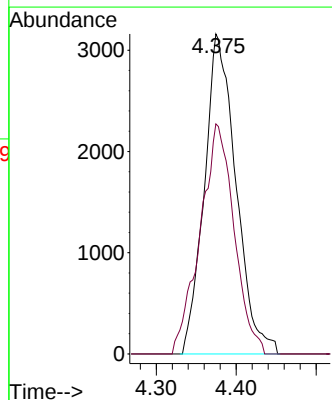
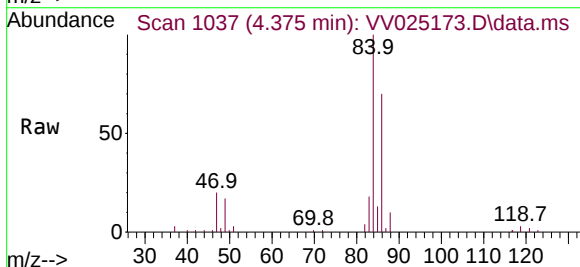
Acq: 25 Mar 2022 12:58

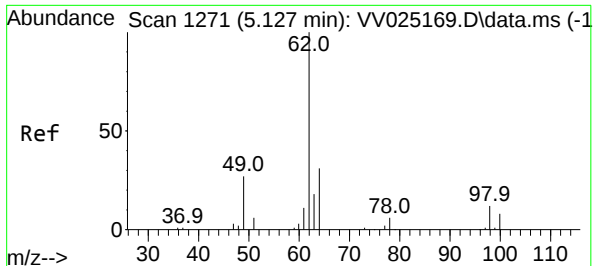
Tgt Ion: 83 Resp: 8696

Ion Ratio Lower Upper

83 100

85 71.9 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.077 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV025173.D

Acq: 25 Mar 2022 12:58

Instrument :

MSVOA\_V

ClientSampleId :

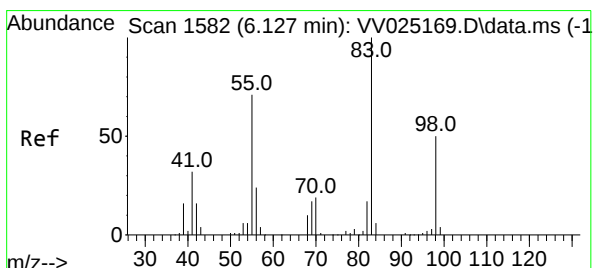
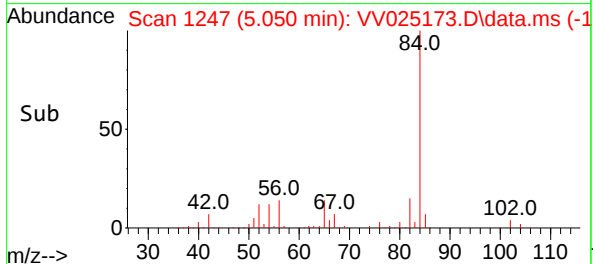
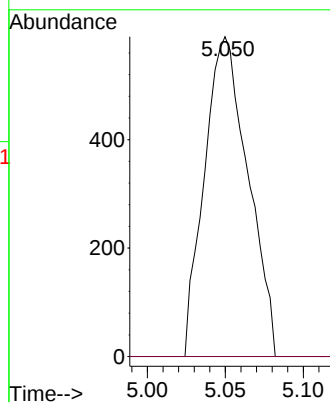
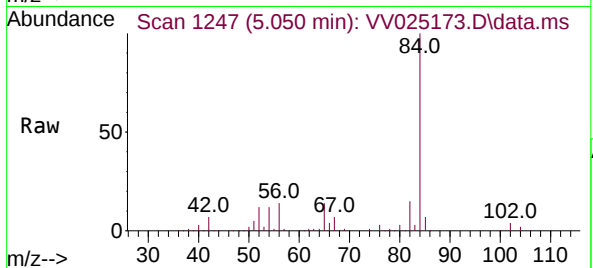
C0AF5

Tgt Ion: 62 Resp: 1146

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.608 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025173.D

Acq: 25 Mar 2022 12:58

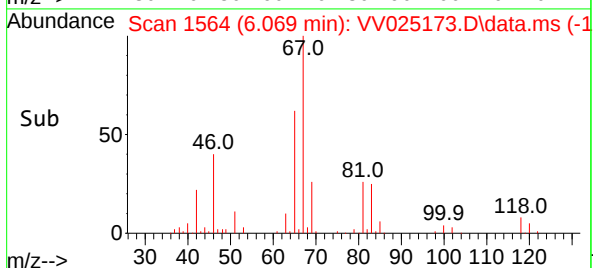
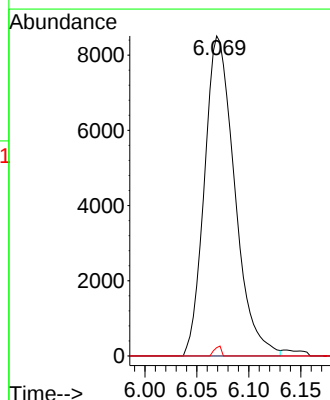
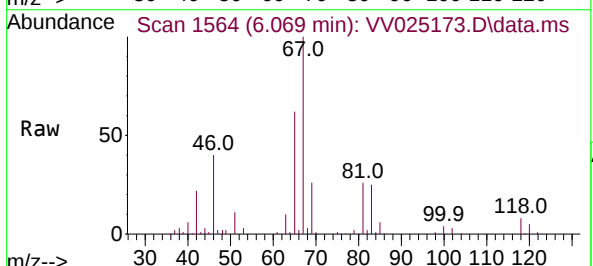
Tgt Ion: 83 Resp: 17212

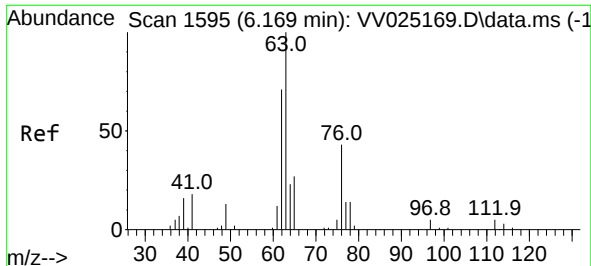
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.466 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025173.D

Acq: 25 Mar 2022 12:58

Instrument :

MSVOA\_V

ClientSampleId :

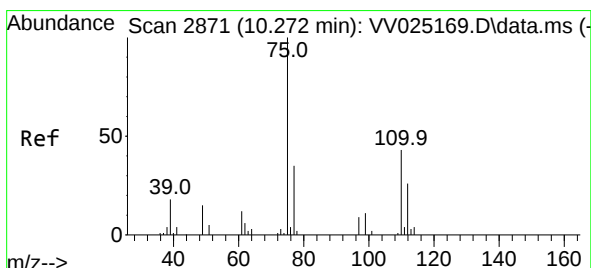
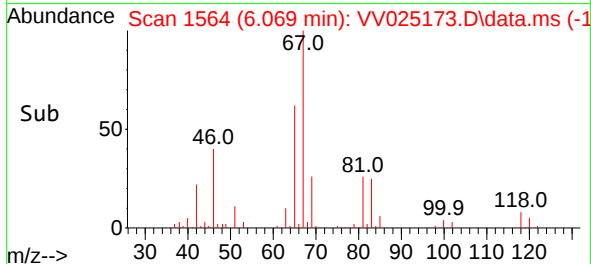
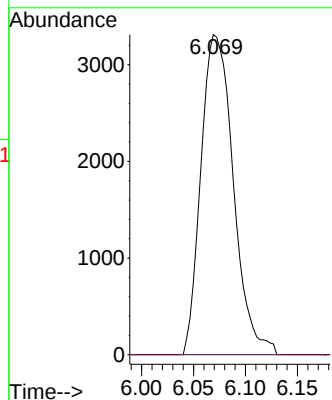
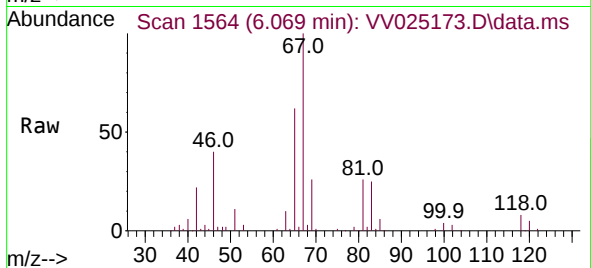
C0AF5

Tgt Ion: 63 Resp: 7193

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#61

1,2,3-Trichloropropane

Concen: 1.392 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025173.D

Acq: 25 Mar 2022 12:58

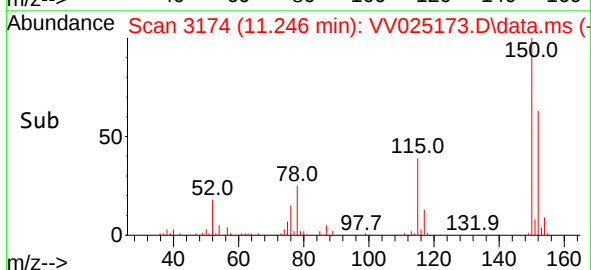
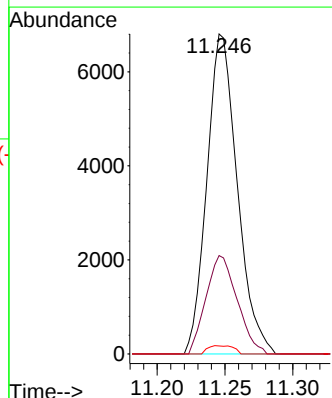
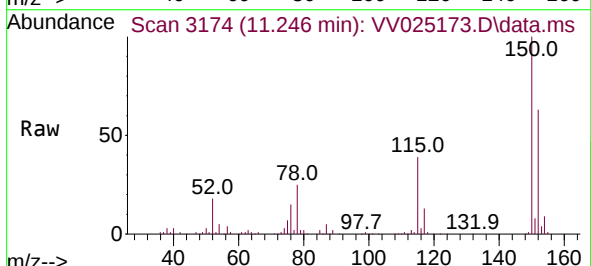
Tgt Ion: 75 Resp: 10596

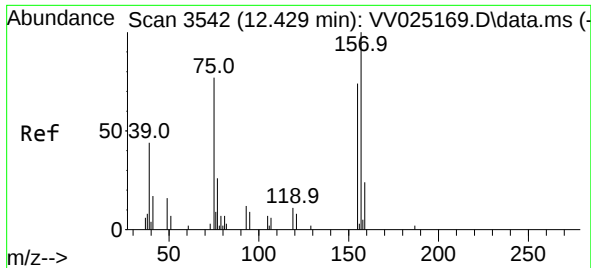
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

110 2.2 31.2 46.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.225 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV025173.D

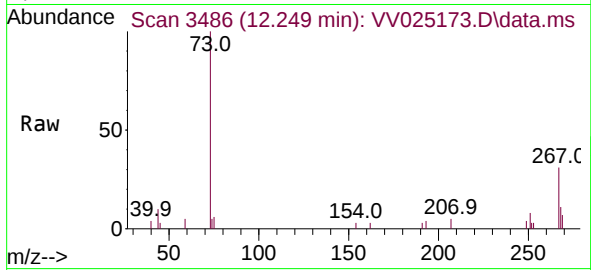
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MSVOA\_V

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 294    |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 155       | 0.0   | 65.9  | 98.9#  |
| 157       | 0.0   | 89.7  | 134.5# |

