

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW022122\  
 Data File : VW024773.D  
 Acq On : 21 Feb 2022 14:02  
 Operator : SY/MD  
 Sample : N1623-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 22 03:28:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 22 03:27:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 175743   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 160303   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 73797    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 52708    | 3.536    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 70.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 46049    | 3.766    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 75.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 85450    | 3.128    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 62.600%  |
| 20) 2-Butanone-d5             | 3.889  | 46    | 102824   | 48.293   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.580%  |
| 24) Chloroform-d              | 4.349  | 84    | 102976   | 4.427    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 45238    | 4.363    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.200%  |
| 32) Benzene-d6                | 5.050  | 84    | 198433   | 4.291    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 61600    | 4.526    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.600%  |
| 41) Toluene-d8                | 7.313  | 98    | 177165   | 4.216    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.400%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 20312    | 4.480    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 89.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 84418    | 47.320   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.640%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 36413    | 4.439    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 56093    | 4.393    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.130  | 85    | 63414    | 3.700    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.314  | 62    | 70438    | 3.748    | ug/L   | 99       |
| 8) Chloroethane               | 1.587  | 64    | 143621   | 12.408   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121  | 101   | 144021   | 10.054   | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.121  | 96    | 27632    | 2.019    | ug/L # | 72       |
| 13) Acetone                   | 2.179  | 43    | 233538   | 155.534  | ug/L   | 97       |
| 15) Methyl Acetate            | 2.436  | 43    | 38714    | 9.848    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.764  | 96    | 36397    | 2.723    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 49730    | 2.032    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 56119    | 3.972    | ug/L   | 95       |
| 23) Bromochloromethane        | 4.252  | 128   | 26878    | 4.922    | ug/L   | 94       |
| 25) Chloroform                | 4.375  | 83    | 191541   | 7.491    | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.137  | 62    | 26208    | 1.920    | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97    | 42575    | 1.979    | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.828  | 117   | 54167    | 2.995    | ug/L   | 99       |
| 34) Trichloroethene           | 5.915  | 95    | 31158    | 2.167    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.069  | 83    | 14738    | 0.634    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 6550     | 0.511    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75    | 84042    | 4.725    | ug/L   | 100      |

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 Acq On : 21 Feb 2022 14:02  
 Operator : SY/MD  
 Sample : N1623-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

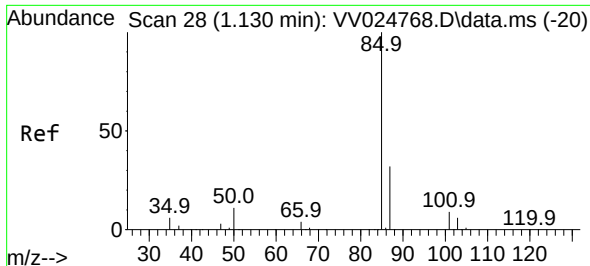
Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 22 03:28:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 22 03:27:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 340250   | 55.782 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 31909    | 2.245  | ug/L   | 95       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 16097    | 1.930  | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 29415    | 3.004  | ug/L   | 97       |
| 49) Dibromochloromethane      | 7.976  | 129  | 29877    | 3.227  | ug/L # | 11       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 36614    | 4.810  | ug/L   | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 206144   | 5.702  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 13138    | 1.489  | ug/L   | 100      |
| 59) Bromoform                 | 9.731  | 173  | 10048    | 2.690  | ug/L # | 95       |
| 60) Isopropylbenzene          | 10.915 | 105  | 224868   | 3.684  | ug/L # | 74       |
| 61) 1,2,3-Trichloropropane    | 10.911 | 75   | 2241     | 0.335  | ug/L # | 1        |
| 62) 1,3,5-Trimethylbenzene    | 10.915 | 105  | 224868   | 4.419  | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 224868   | 4.452  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 74732    | 2.903  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 50147    | 1.950  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.641 | 75   | 17583    | 15.377 | ug/L # | 7        |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 89160    | 4.884  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 69514    | 4.833  | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 34745    | 2.886  | ug/L   | 99       |
| -----                         |        |      |          |        |        |          |

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

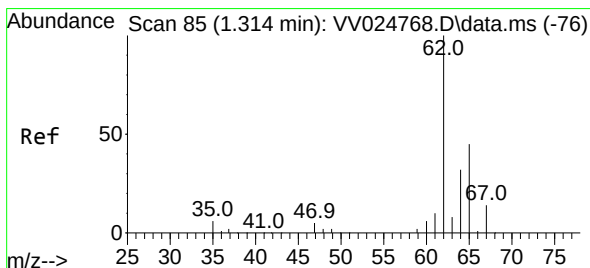
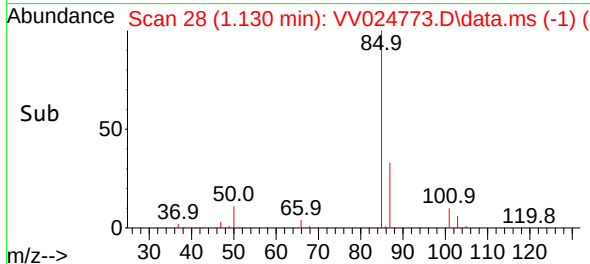
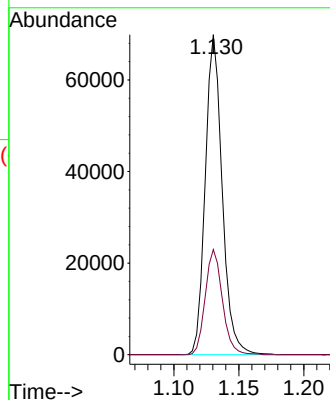
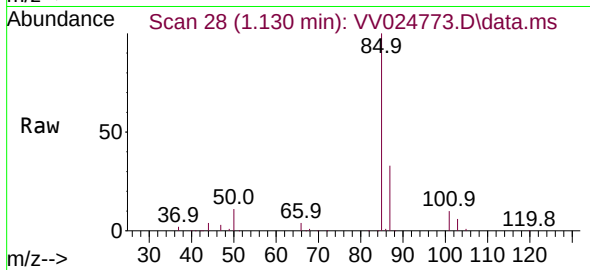




#2  
 Dichlorodifluoromethane  
 Concen: 3.700 ug/L  
 RT: 1.130 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: VV024773.D  
 Acq: 21 Feb 2022 14:02

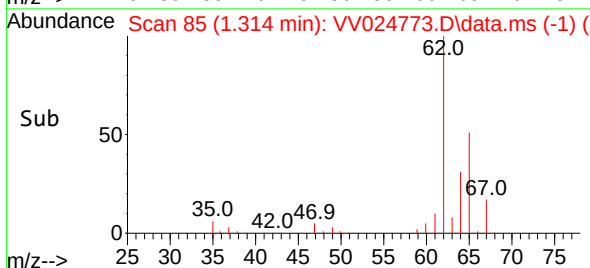
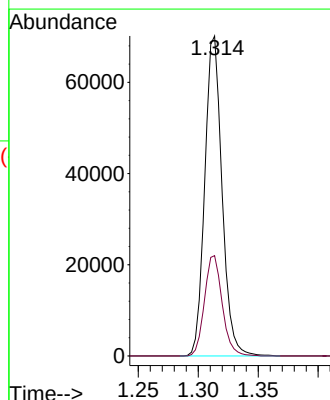
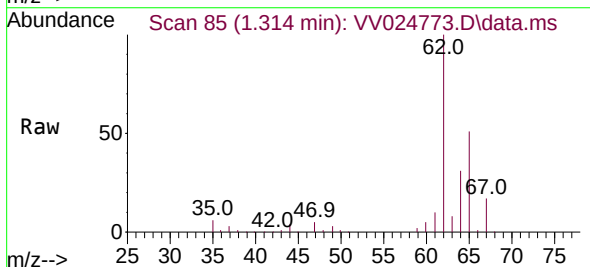
Instrument :  
 MSVOA\_V  
 ClientSampleId :

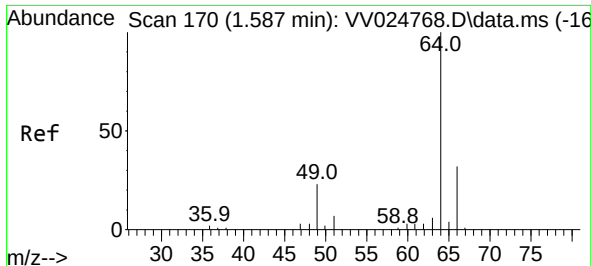
Tgt Ion: 85 Resp: 63414  
 Ion Ratio Lower Upper  
 85 100  
 87 33.2 25.9 38.9



#5  
 Vinyl chloride  
 Concen: 3.748 ug/L  
 RT: 1.314 min Scan# 85  
 Delta R.T. 0.000 min  
 Lab File: VV024773.D  
 Acq: 21 Feb 2022 14:02

Tgt Ion: 62 Resp: 70438  
 Ion Ratio Lower Upper  
 62 100  
 64 31.4 22.2 41.2

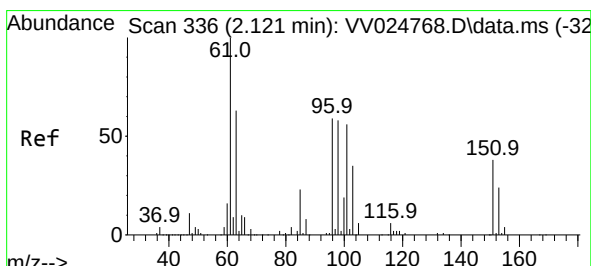
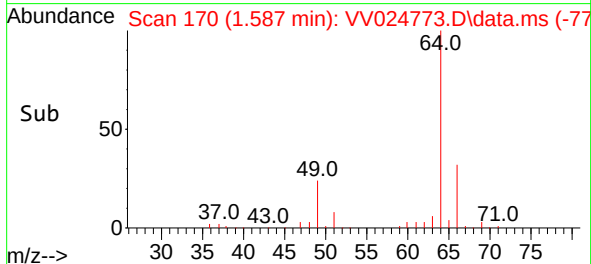
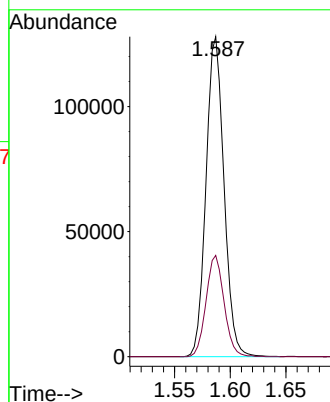
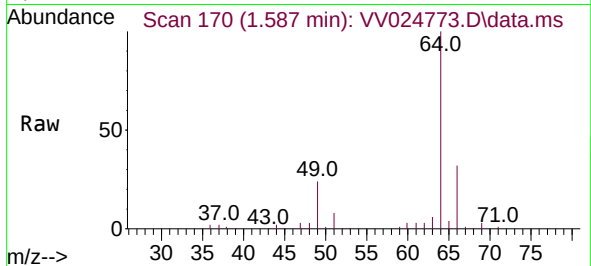




#8  
Chloroethane  
Concen: 12.408 ug/L  
RT: 1.587 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

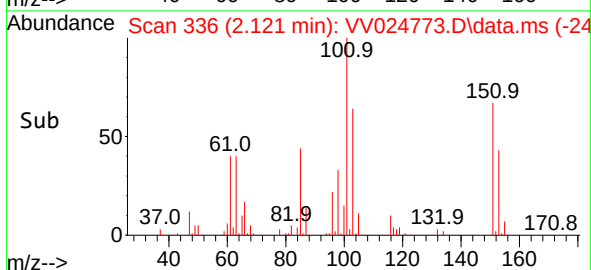
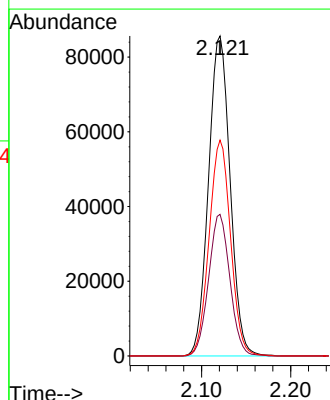
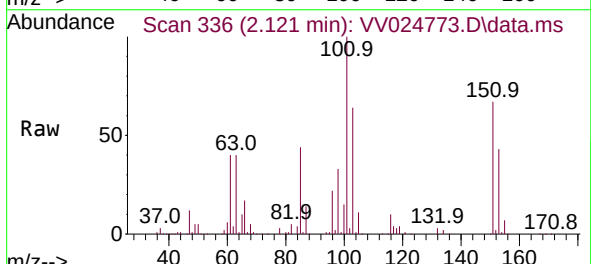
Instrument :  
MSVOA\_V  
ClientSampleId :

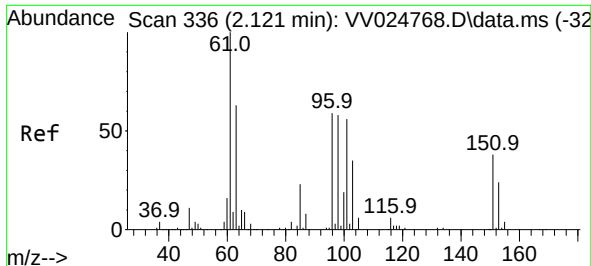
Tgt Ion: 64 Resp: 143621  
Ion Ratio Lower Upper  
64 100  
66 31.6 22.5 41.9



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.054 ug/L  
RT: 2.121 min Scan# 336  
Delta R.T. 0.000 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

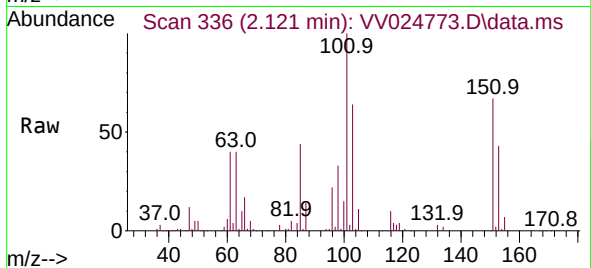
Tgt Ion:101 Resp: 144021  
Ion Ratio Lower Upper  
101 100  
85 43.6 34.7 52.1  
151 67.1 53.5 80.3



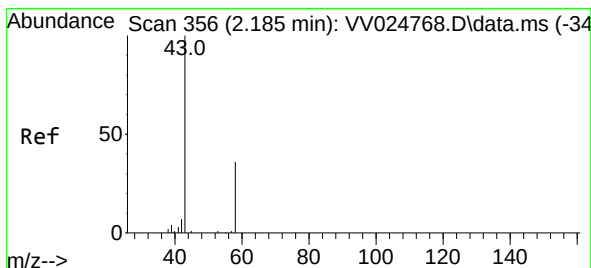
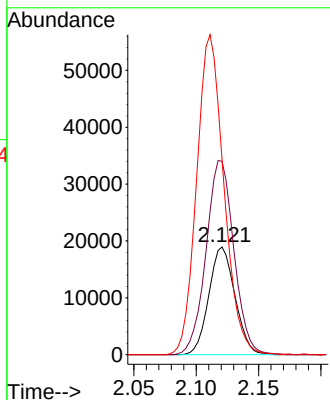
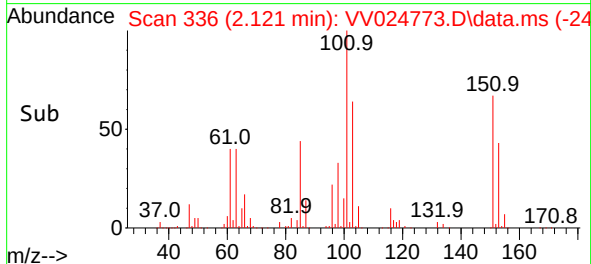


#12  
 1,1-Dichloroethene  
 Concen: 2.019 ug/L  
 RT: 2.121 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VV024773.D  
 Acq: 21 Feb 2022 14:02

Instrument :  
 MSVOA\_V  
 ClientSampleId :

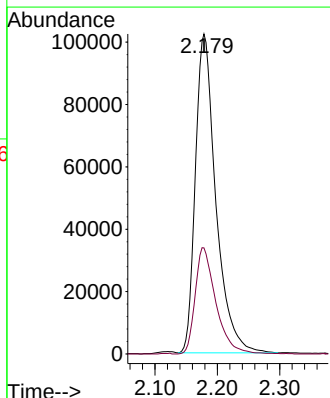
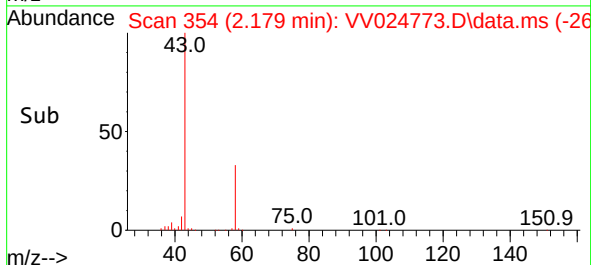
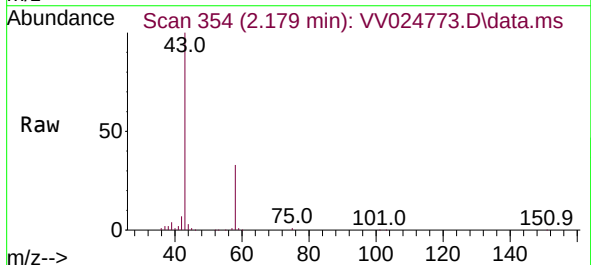


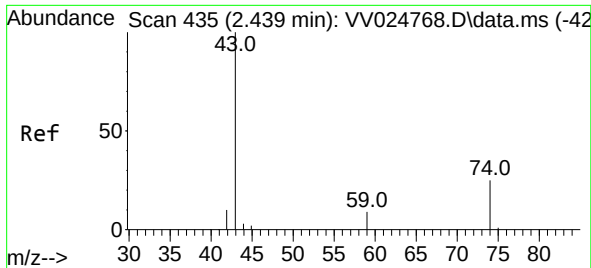
Tgt Ion: 96 Resp: 27632  
 Ion Ratio Lower Upper  
 96 100  
 61 179.7 116.3 216.1  
 63 181.2 86.0 159.6#



#13  
 Acetone  
 Concen: 155.534 ug/L  
 RT: 2.179 min Scan# 354  
 Delta R.T. -0.006 min  
 Lab File: VV024773.D  
 Acq: 21 Feb 2022 14:02

Tgt Ion: 43 Resp: 233538  
 Ion Ratio Lower Upper  
 43 100  
 58 33.7 0.0 63.6





#15

Methyl Acetate

Concen: 9.848 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

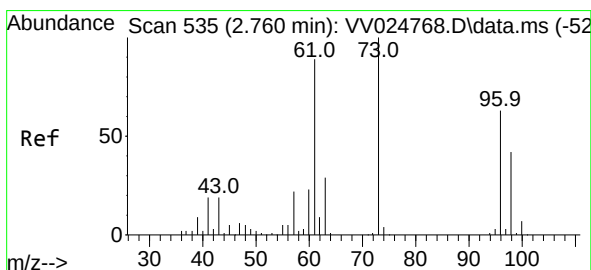
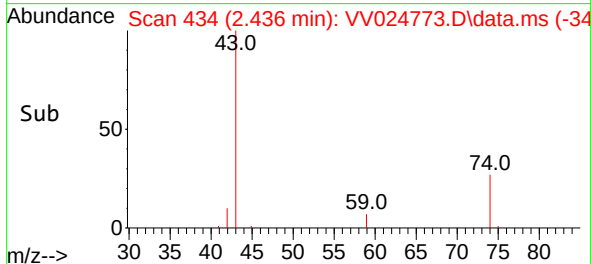
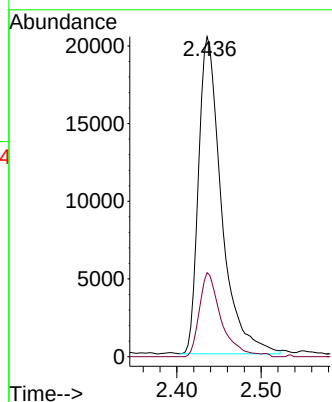
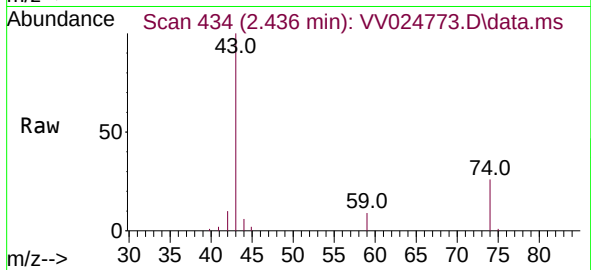
ClientSampleId :

Tgt Ion: 43 Resp: 38714

Ion Ratio Lower Upper

43 100

74 25.2 20.8 31.2



#18

trans-1,2-Dichloroethene

Concen: 2.723 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

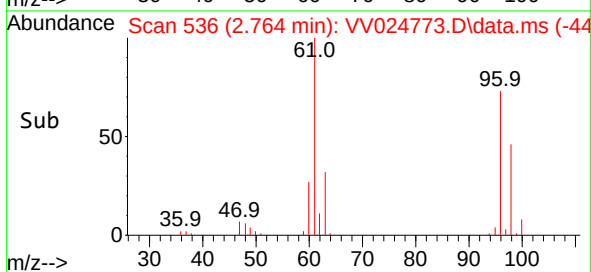
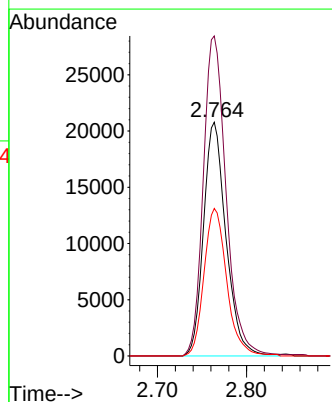
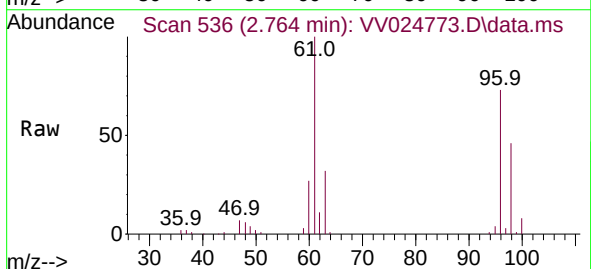
Tgt Ion: 96 Resp: 36397

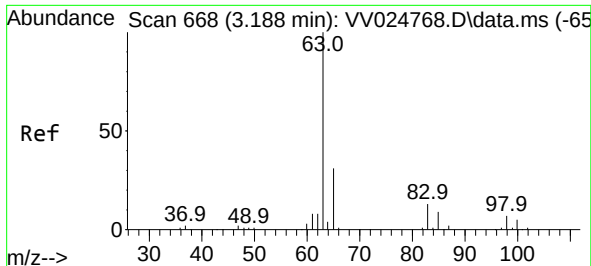
Ion Ratio Lower Upper

96 100

61 136.9 92.9 172.5

98 63.1 44.5 82.7





#19

1,1-Dichloroethane

Concen: 2.032 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

ClientSampleId :

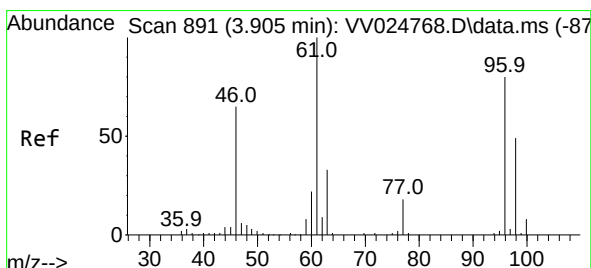
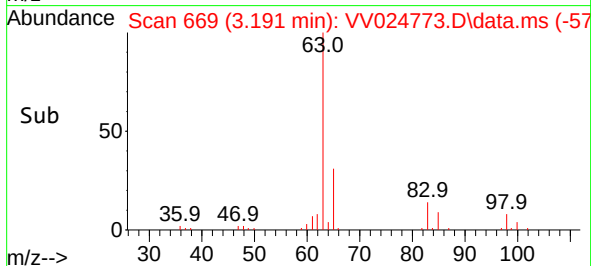
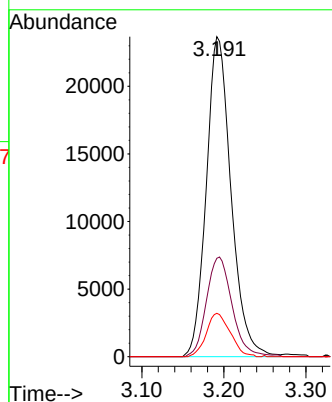
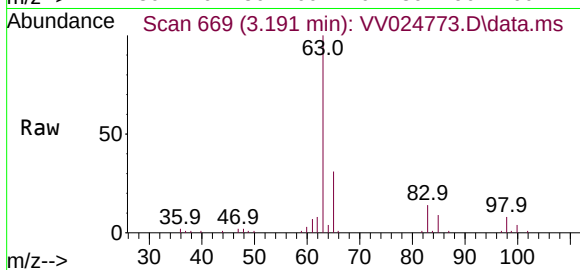
Tgt Ion: 63 Resp: 49730

Ion Ratio Lower Upper

63 100

65 30.7 22.0 40.8

83 13.5 9.5 17.7



#22

cis-1,2-Dichloroethene

Concen: 3.972 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.007 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

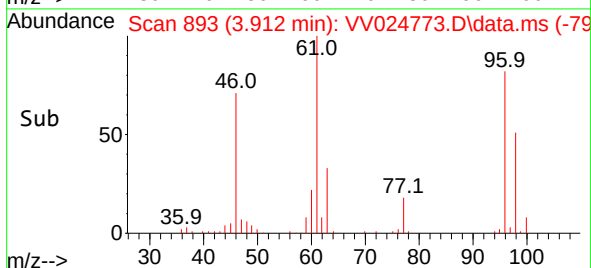
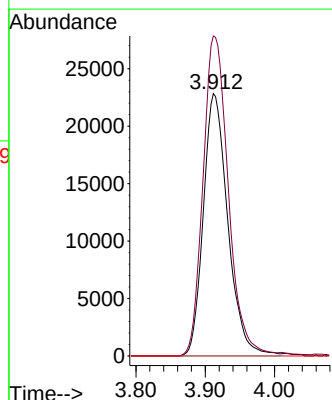
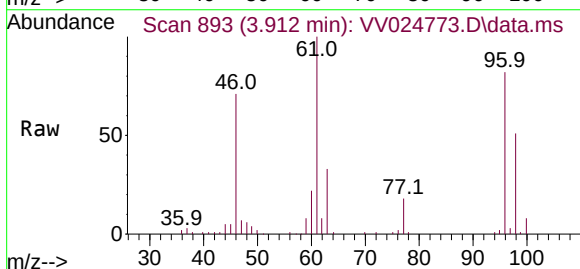
Tgt Ion: 96 Resp: 56119

Ion Ratio Lower Upper

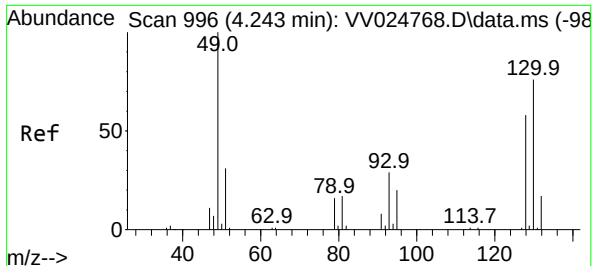
96 100

61 122.0 89.7 166.5

68 0.0 0.0 0.0

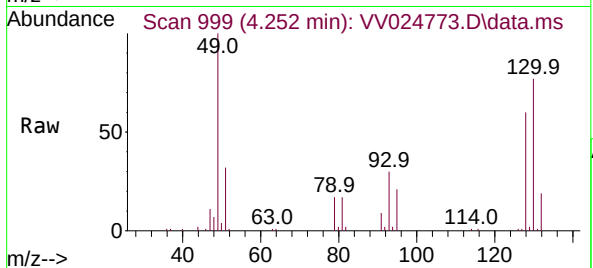




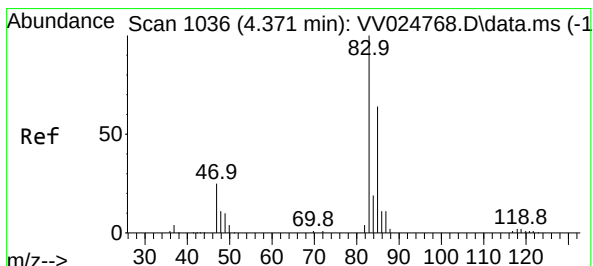
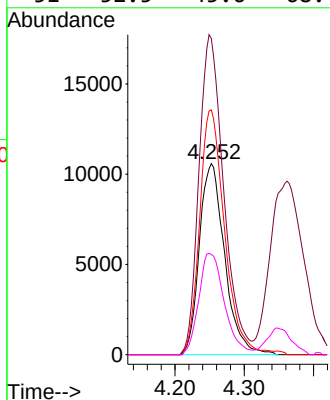
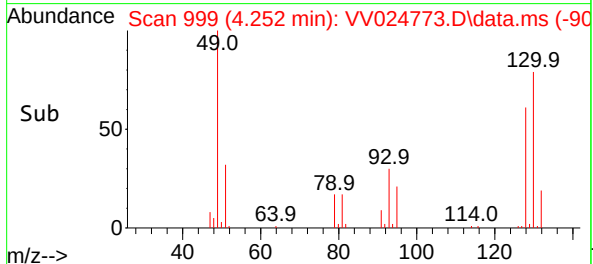


#23  
Bromochloromethane  
Concen: 4.922 ug/L  
RT: 4.252 min Scan# 999  
Delta R.T. 0.010 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

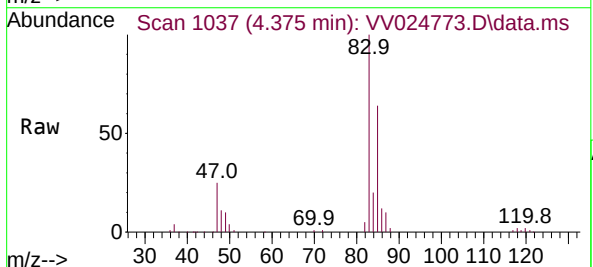
Instrument :  
MSVOA\_V  
ClientSampleId :



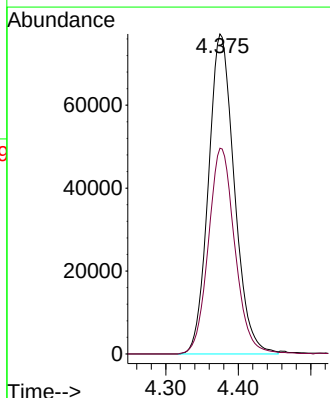
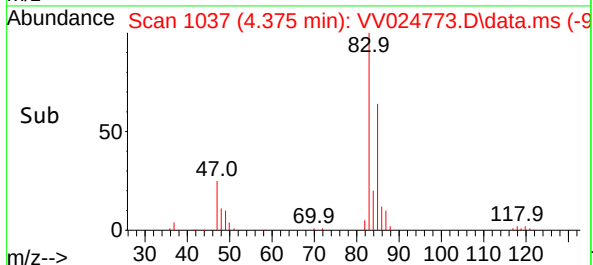
Tgt Ion:128 Resp: 26878  
Ion Ratio Lower Upper  
128 100  
49 165.5 124.2 230.6  
130 128.2 92.1 171.1  
51 52.5 45.6 68.4

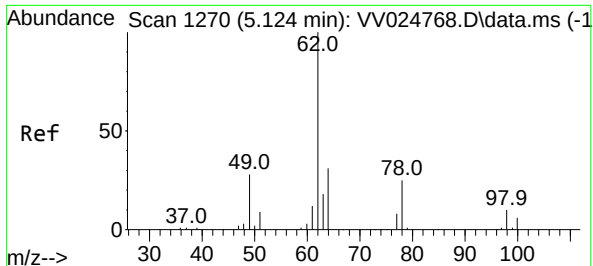


#25  
Chloroform  
Concen: 7.491 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02



Tgt Ion: 83 Resp: 191541  
Ion Ratio Lower Upper  
83 100  
85 64.3 45.5 84.5





#27

1,2-Dichloroethane

Concen: 1.920 ug/L

RT: 5.137 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

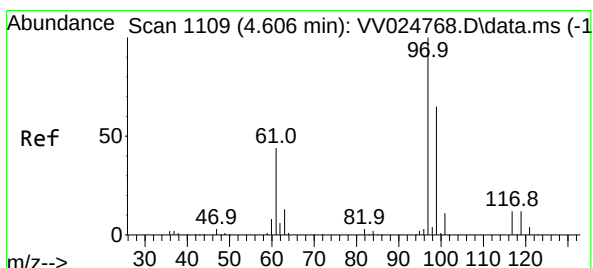
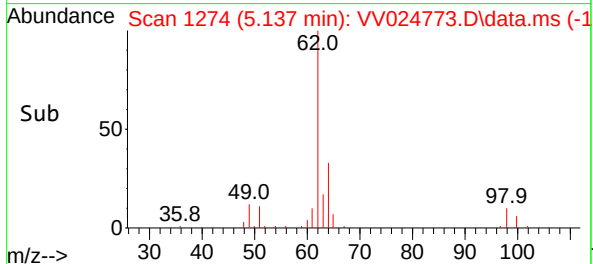
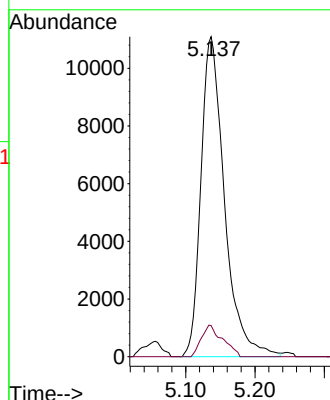
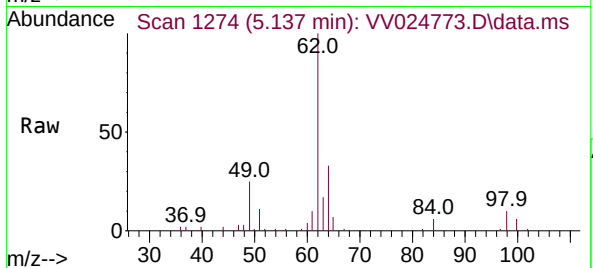
ClientSampleId :

Tgt Ion: 62 Resp: 26208

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.2



#29

1,1,1-Trichloroethane

Concen: 1.979 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

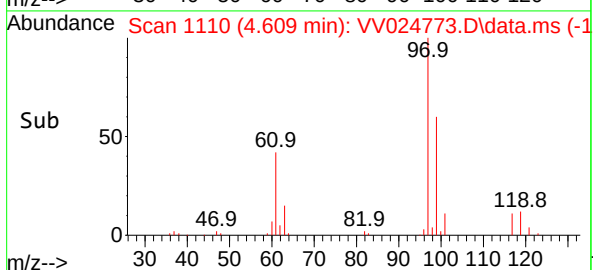
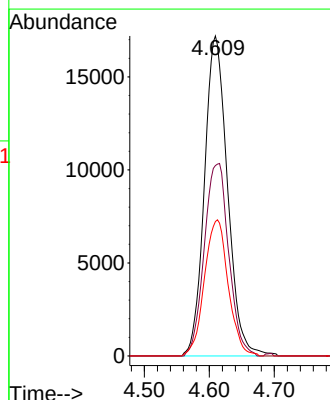
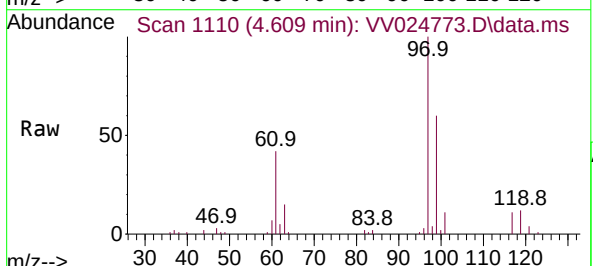
Tgt Ion: 97 Resp: 42575

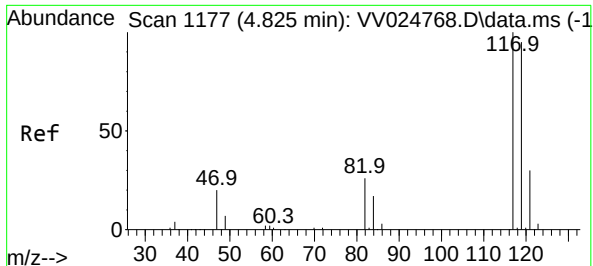
Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

61 43.9 35.8 53.6

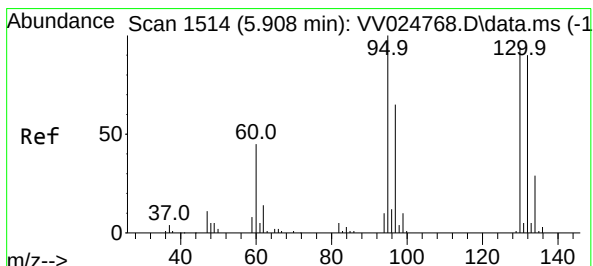
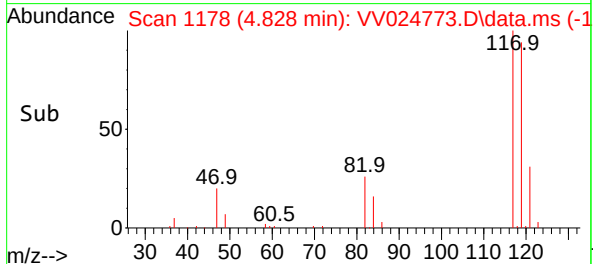
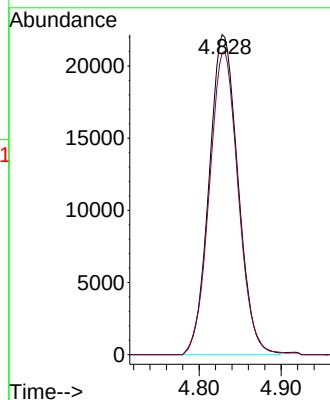
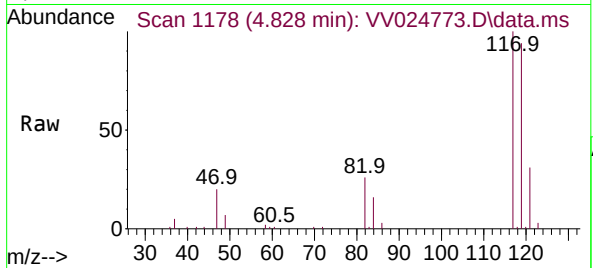




#31  
Carbon tetrachloride  
Concen: 2.995 ug/L  
RT: 4.828 min Scan# 1177  
Delta R.T. 0.003 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

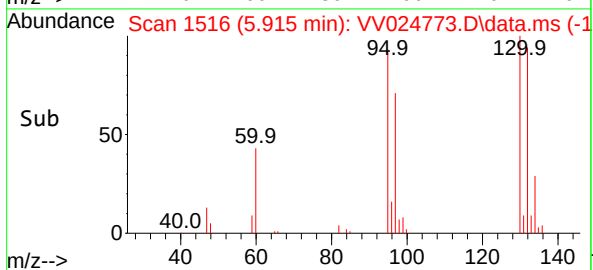
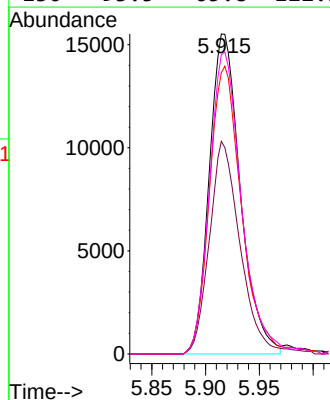
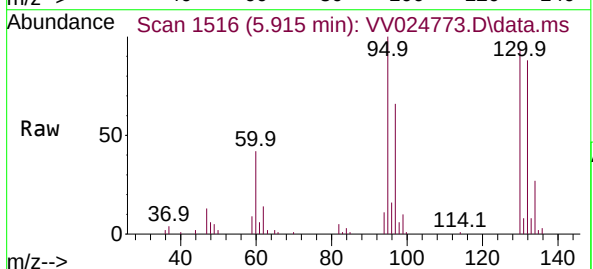
Instrument :  
MSVOA\_V  
ClientSampleId :

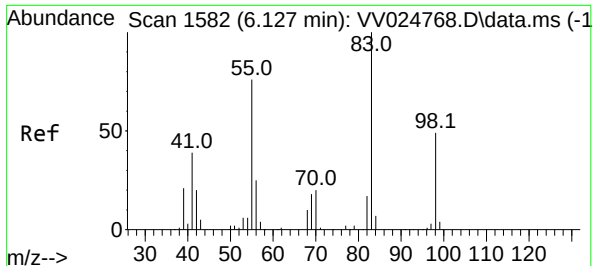
Tgt Ion:117 Resp: 54167  
Ion Ratio Lower Upper  
117 100  
119 94.7 76.6 115.0



#34  
Trichloroethene  
Concen: 2.167 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.007 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Tgt Ion: 95 Resp: 31158  
Ion Ratio Lower Upper  
95 100  
97 66.4 44.2 82.0  
132 87.9 62.1 115.3  
130 93.5 65.8 122.2





#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024773.D

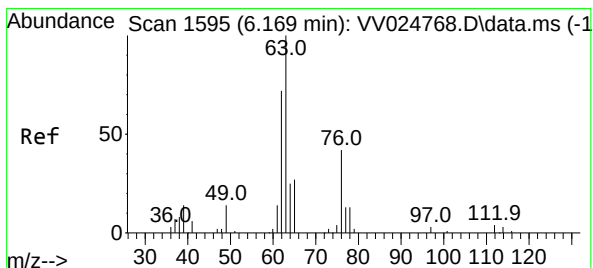
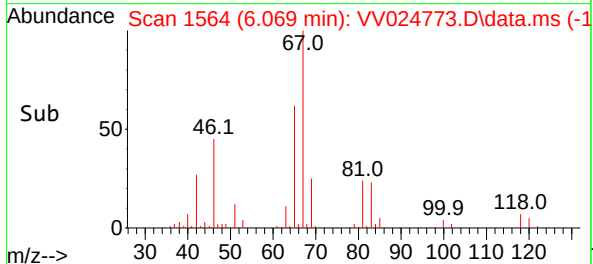
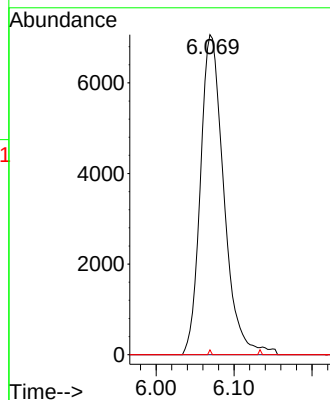
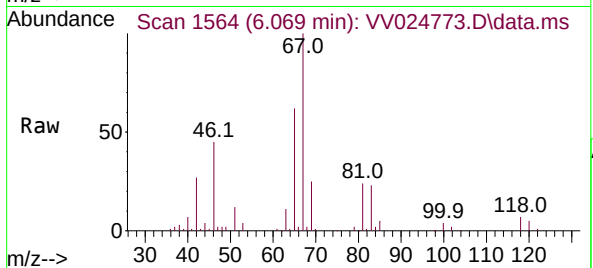
Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 14738 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 58.8  | 88.2# |
| 98       | 0.5   | 38.6  | 58.0# |



#37

1,2-Dichloropropane

Concen: 0.511 ug/L

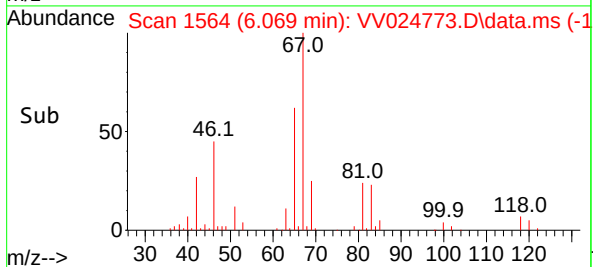
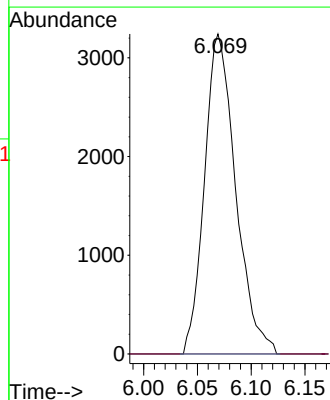
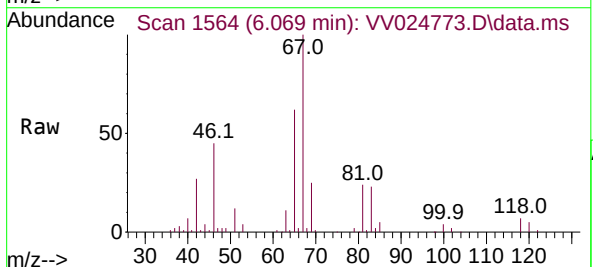
RT: 6.069 min Scan# 1564

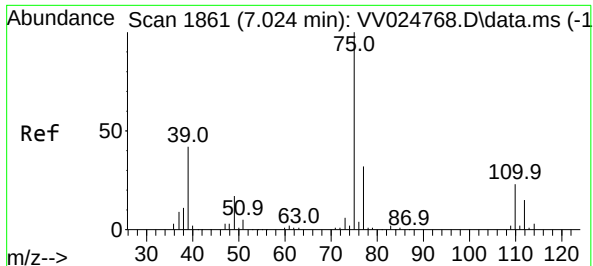
Delta R.T. -0.100 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 6550  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.8   | 5.6#  |





#39

cis-1,3-Dichloropropene

Concen: 4.725 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

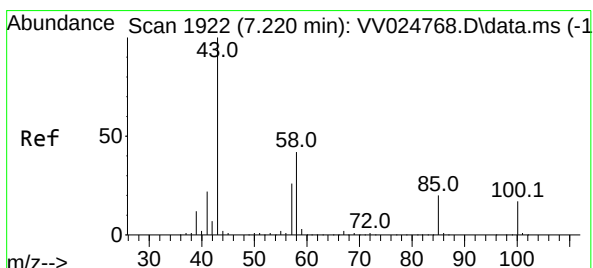
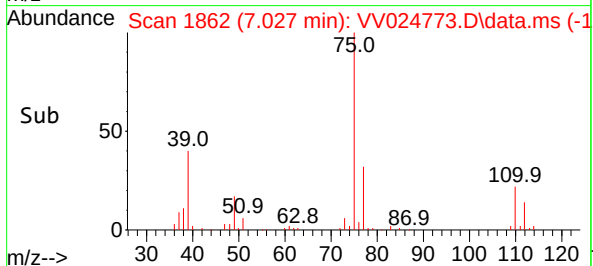
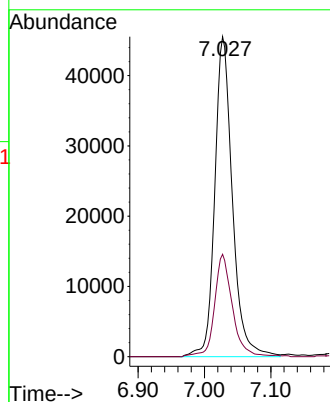
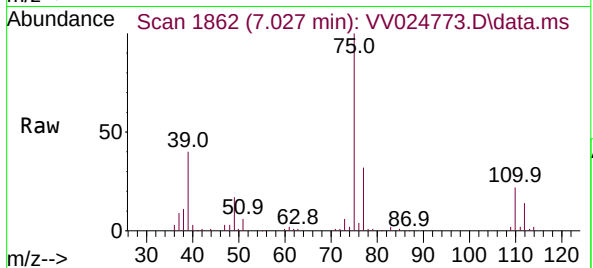
ClientSampleId :

Tgt Ion: 75 Resp: 84042

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 55.782 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

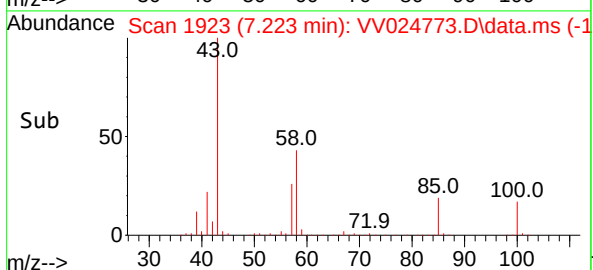
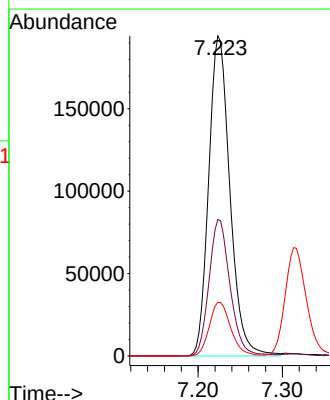
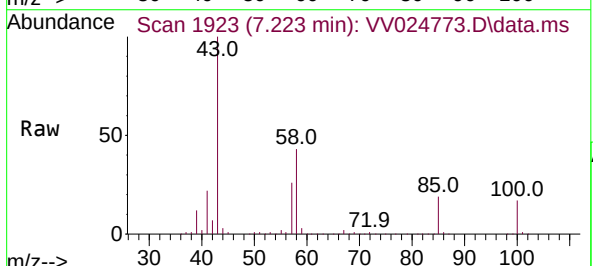
Tgt Ion: 43 Resp: 340250

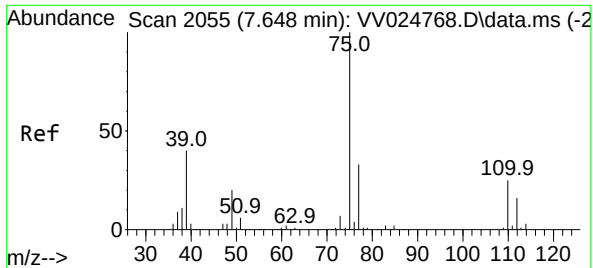
Ion Ratio Lower Upper

43 100

58 42.2 33.0 49.6

100 16.9 13.3 19.9

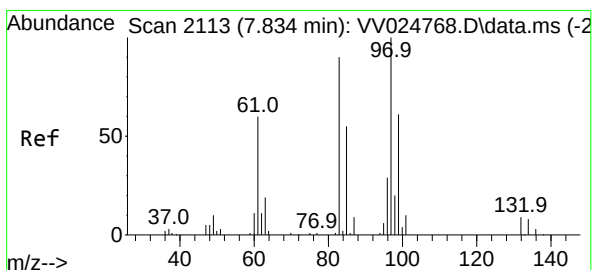
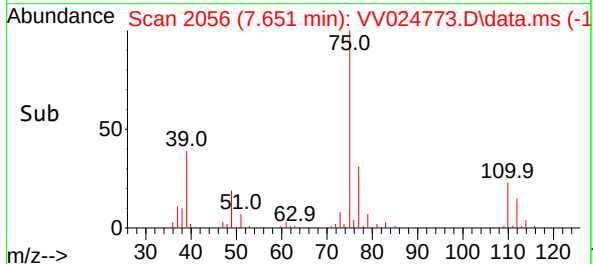
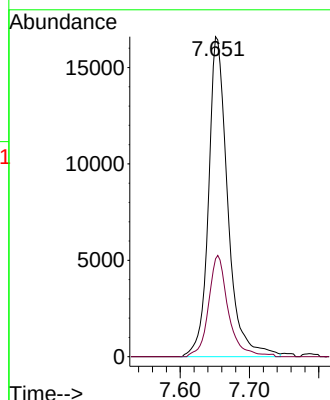
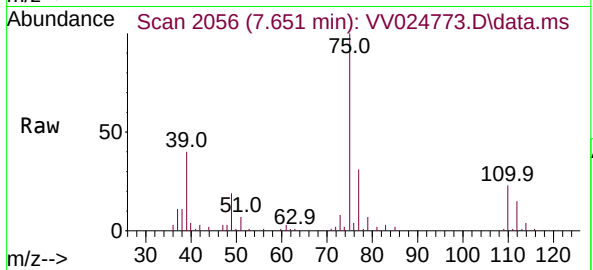




#44  
trans-1,3-Dichloropropene  
Concen: 2.245 ug/L  
RT: 7.651 min Scan# 2056  
Delta R.T. 0.003 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

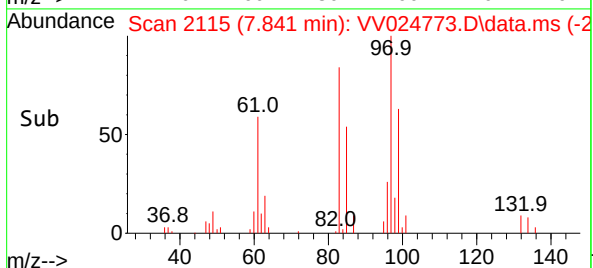
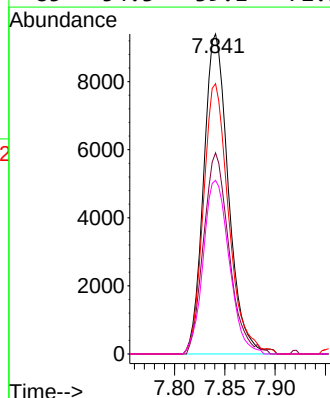
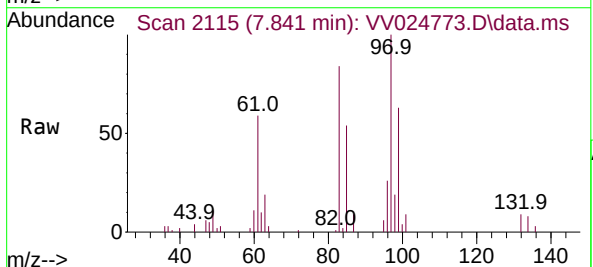
Instrument :  
MSVOA\_V  
ClientSampleId :

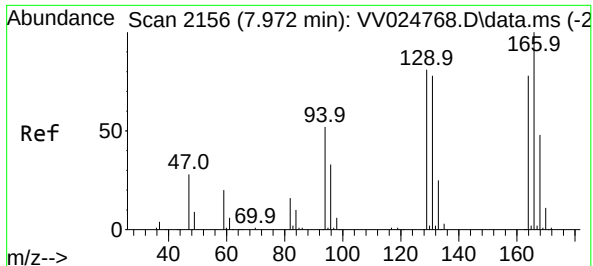
Tgt Ion: 75 Resp: 31909  
Ion Ratio Lower Upper  
75 100  
77 30.6 23.5 43.7



#45  
1,1,2-Trichloroethane  
Concen: 1.930 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. 0.007 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Tgt Ion: 97 Resp: 16097  
Ion Ratio Lower Upper  
97 100  
99 62.8 43.8 81.3  
83 84.4 61.3 113.9  
85 54.3 39.1 72.5





#47

Tetrachloroethene

Concen: 3.004 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

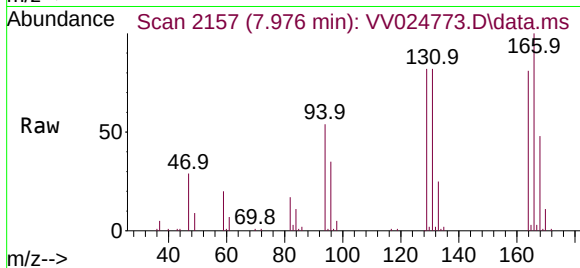
Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:164 Resp: 29415

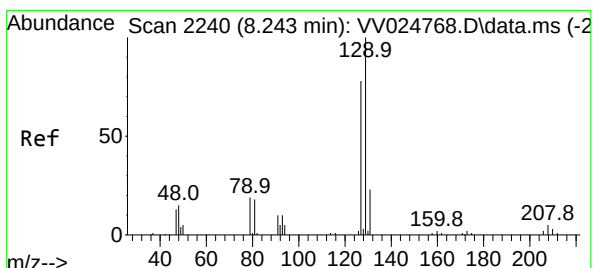
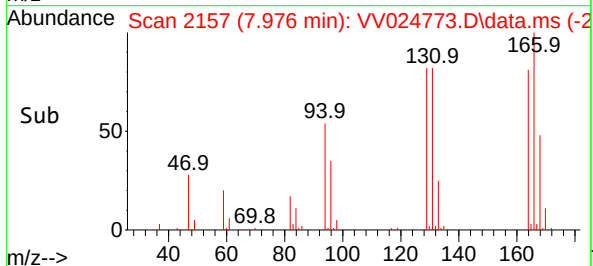
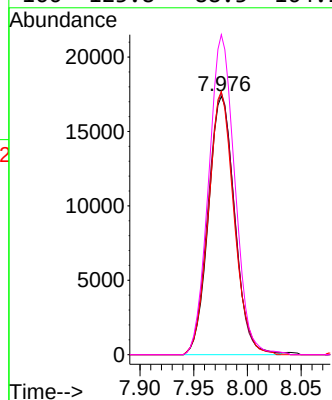
Ion Ratio Lower Upper

164 100

129 101.5 70.3 130.7

131 101.8 67.7 125.7

166 123.8 88.3 164.1



#49

Dibromochloromethane

Concen: 3.227 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024773.D

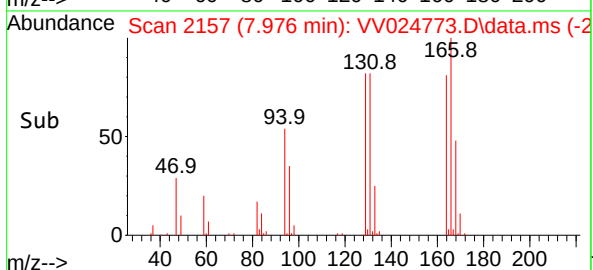
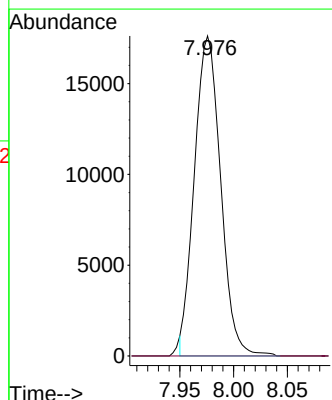
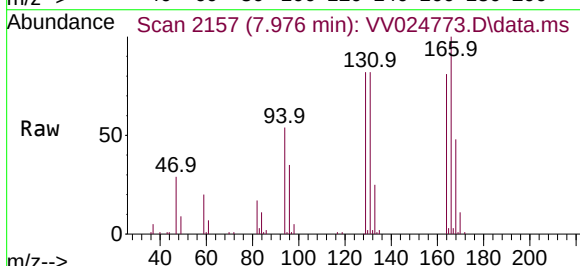
Acq: 21 Feb 2022 14:02

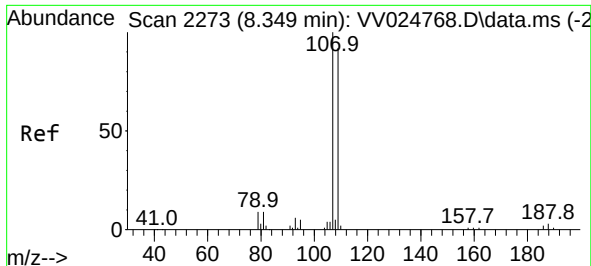
Tgt Ion:129 Resp: 29877

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#50

1,2-Dibromoethane

Concen: 4.810 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024773.D

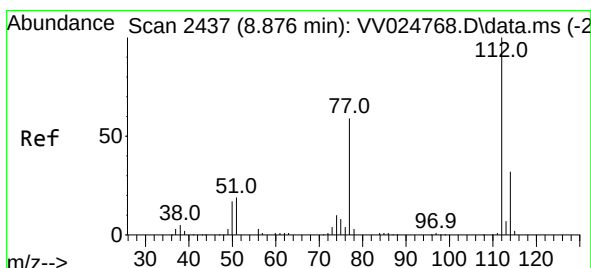
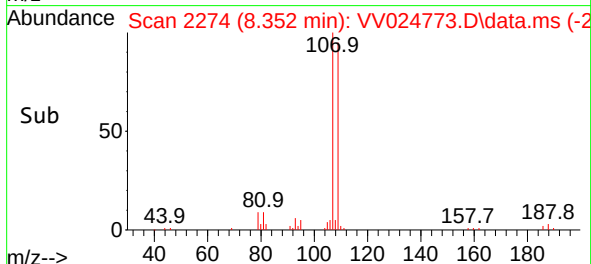
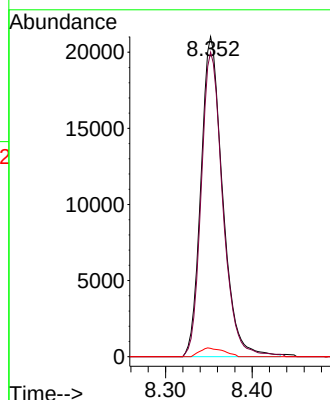
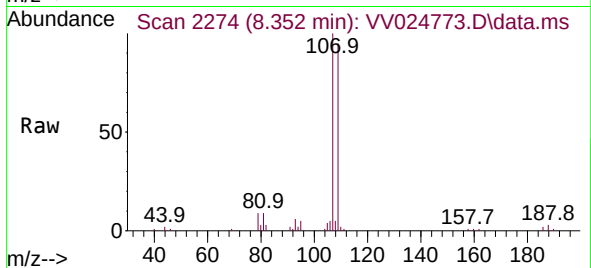
Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 36614 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 95.1  | 65.6  | 121.8 |
| 188      | 2.6   | 2.6   | 3.8   |



#51

Chlorobenzene

Concen: 5.702 ug/L

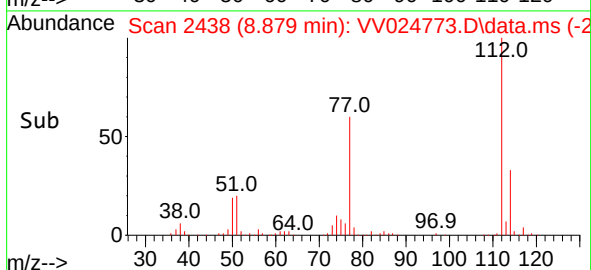
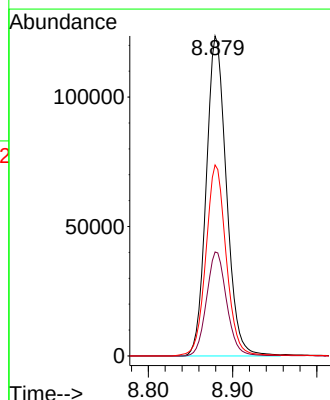
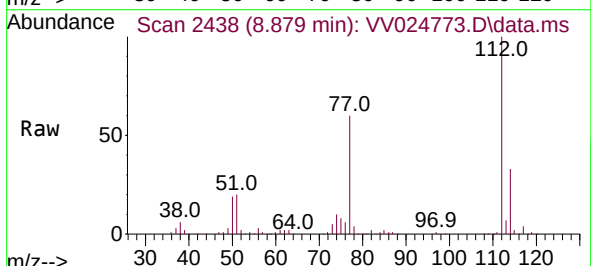
RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

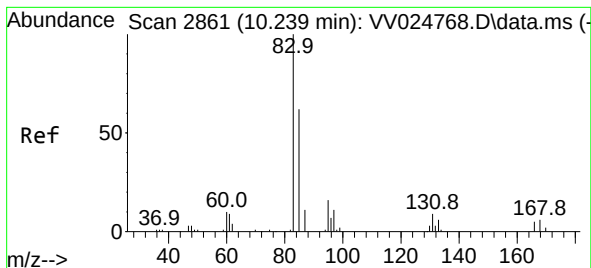
Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 206144 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 32.5  | 22.3  | 41.5   |
| 77       | 59.7  | 48.4  | 72.6   |



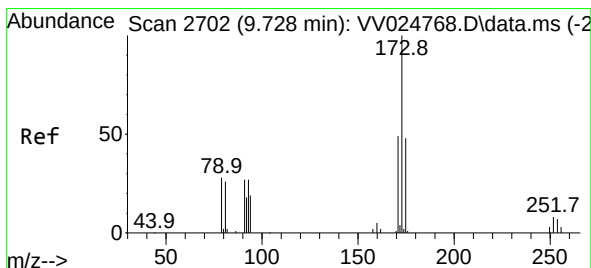
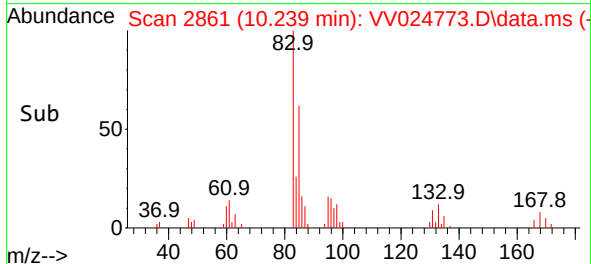
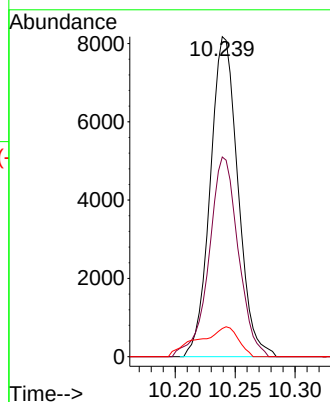
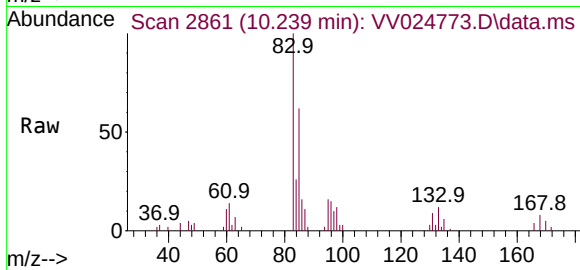




#57  
1,1,2,2-Tetrachloroethane  
Concen: 1.489 ug/L  
RT: 10.239 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

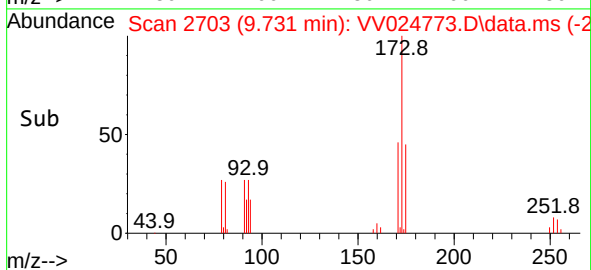
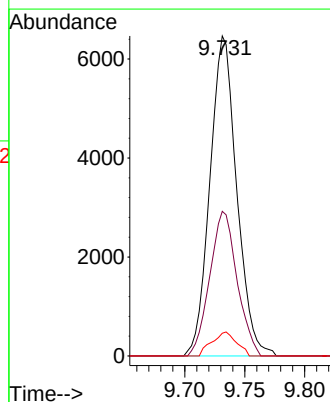
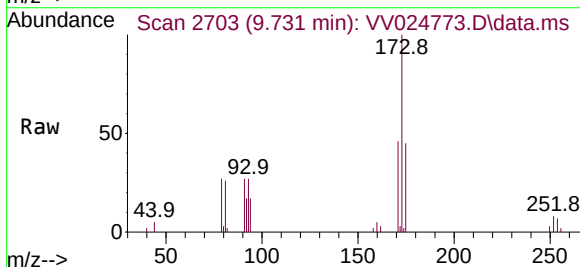
Instrument :  
MSVOA\_V  
ClientSampleId :

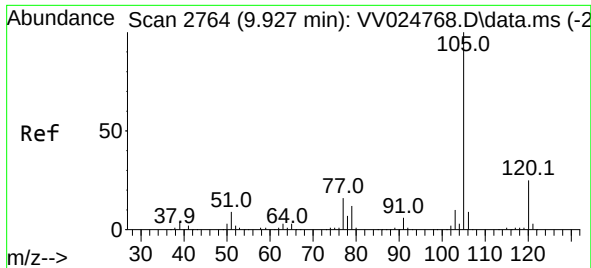
Tgt Ion: 83 Resp: 13138  
Ion Ratio Lower Upper  
83 100  
85 62.4 43.9 81.5  
131 8.8 7.0 10.4



#59  
Bromoform  
Concen: 2.690 ug/L  
RT: 9.731 min Scan# 2703  
Delta R.T. 0.003 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Tgt Ion: 173 Resp: 10048  
Ion Ratio Lower Upper  
173 100  
175 45.9 39.4 59.0  
254 6.9 7.0 10.4

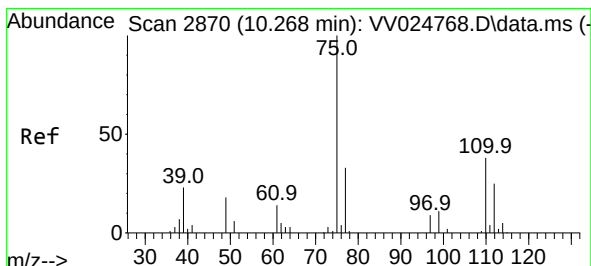
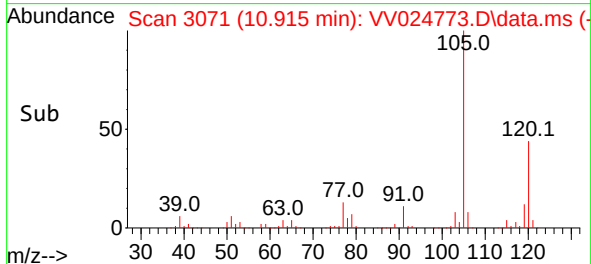
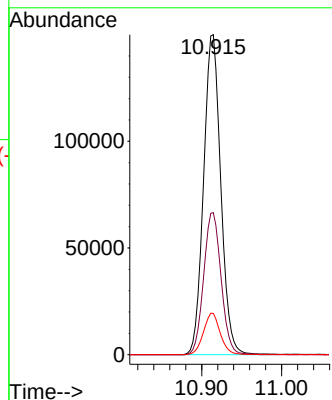
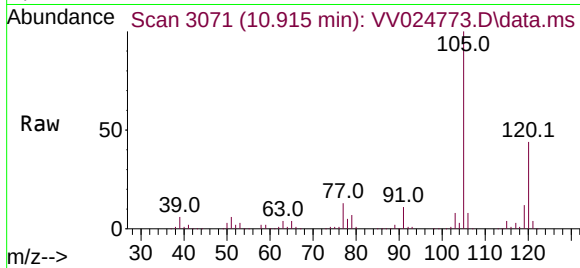




#60  
Isopropylbenzene  
Concen: 3.684 ug/L  
RT: 10.915 min Scan# 3071  
Delta R.T. 0.987 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

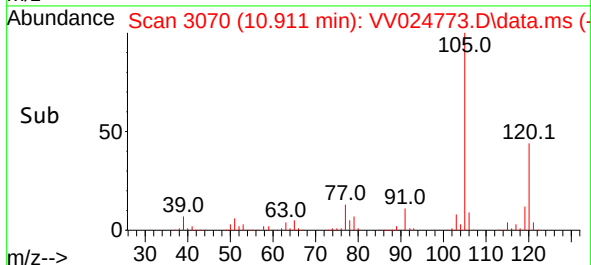
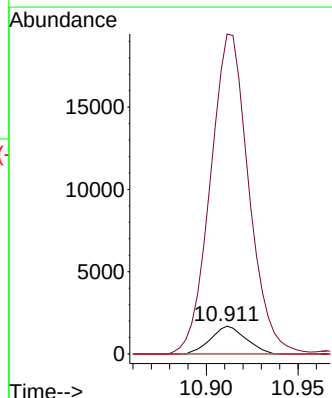
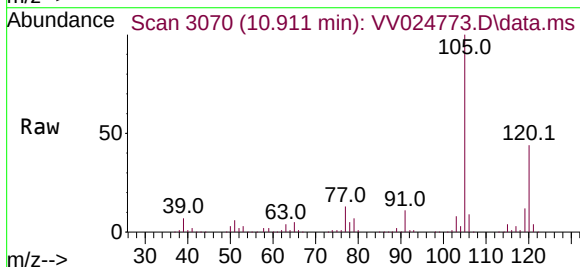
Instrument :  
MSVOA\_V  
ClientSampleId :

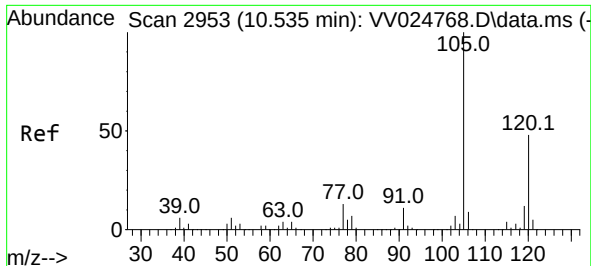
Tgt Ion:105 Resp: 224868  
Ion Ratio Lower Upper  
105 100  
120 45.0 20.7 31.1#  
77 12.6 12.7 19.1#



#61  
1,2,3-Trichloropropane  
Concen: 0.335 ug/L  
RT: 10.911 min Scan# 3070  
Delta R.T. 0.643 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Tgt Ion: 75 Resp: 2241  
Ion Ratio Lower Upper  
75 100  
77 1266.9 26.3 39.5#  
110 0.0 30.3 45.5#





#62

1,3,5-Trimethylbenzene

Concen: 4.419 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.380 min

Lab File: VV024773.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA\_V

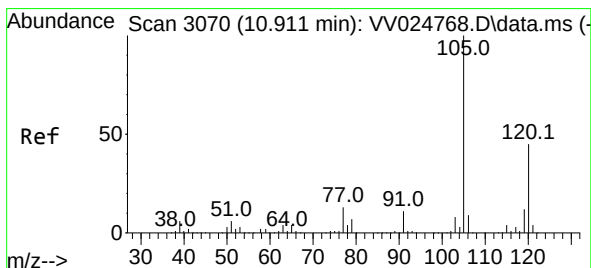
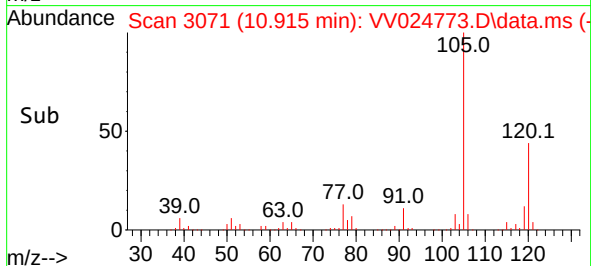
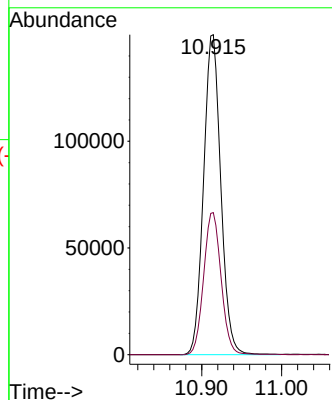
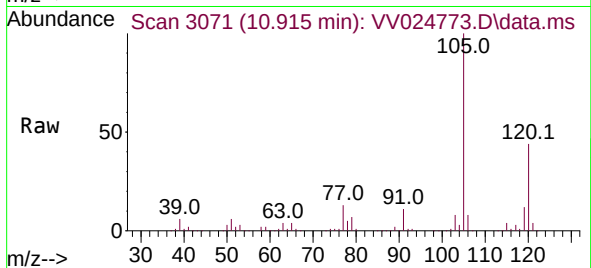
ClientSampleId :

Tgt Ion:105 Resp: 224868

Ion Ratio Lower Upper

105 100

120 45.0 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.452 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024773.D

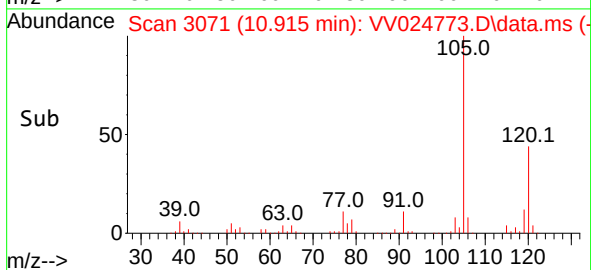
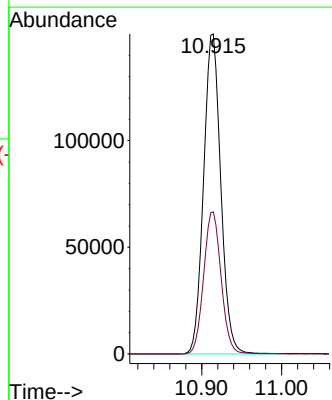
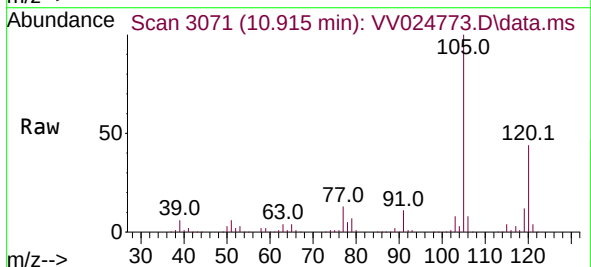
Acq: 21 Feb 2022 14:02

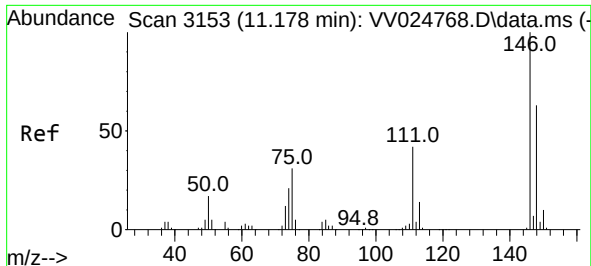
Tgt Ion:105 Resp: 224868

Ion Ratio Lower Upper

105 100

120 45.0 35.9 53.9

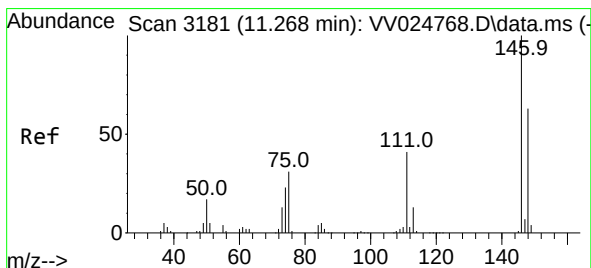
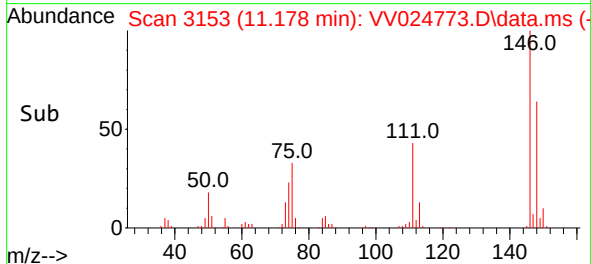
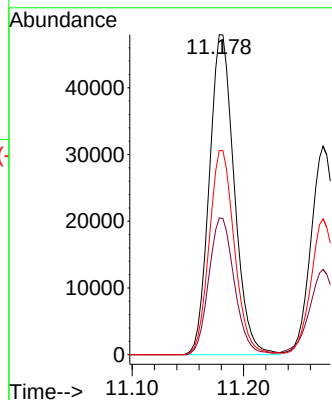
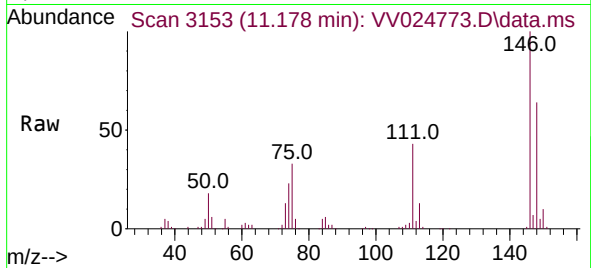




#64  
1,3-Dichlorobenzene  
Concen: 2.903 ug/L  
RT: 11.178 min Scan# 3153  
Delta R.T. 0.000 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

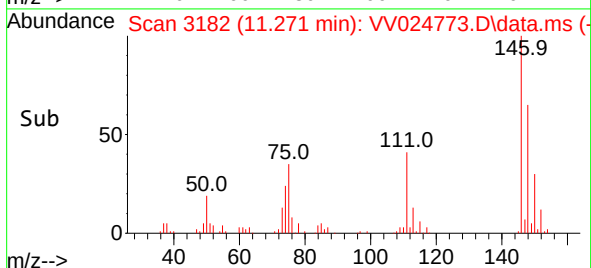
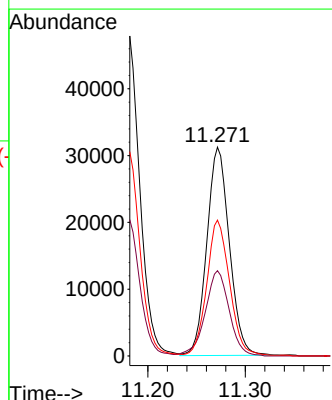
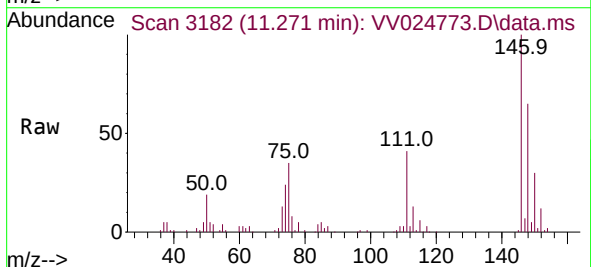
Instrument :  
MSVOA\_V  
ClientSampleId :

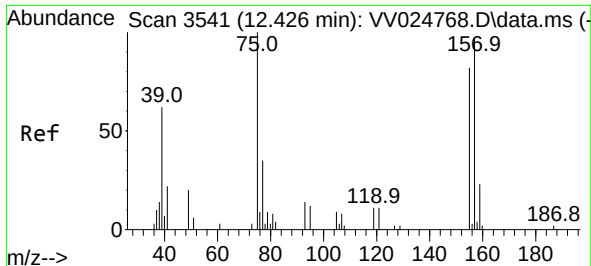
Tgt Ion:146 Resp: 74732  
Ion Ratio Lower Upper  
146 100  
111 42.7 31.0 57.6  
148 63.8 45.4 84.4



#65  
1,4-Dichlorobenzene  
Concen: 1.950 ug/L  
RT: 11.271 min Scan# 3182  
Delta R.T. 0.003 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Tgt Ion:146 Resp: 50147  
Ion Ratio Lower Upper  
146 100  
111 40.9 28.3 52.7  
148 65.1 44.0 81.8

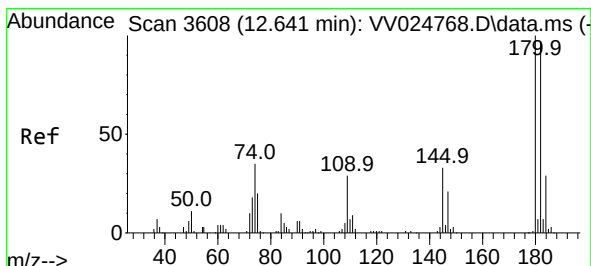
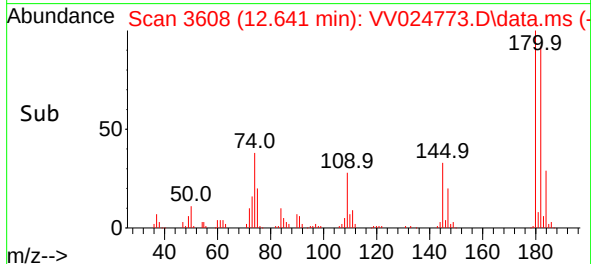
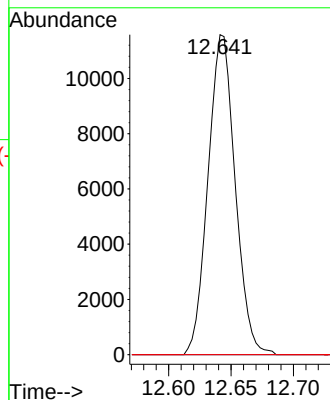
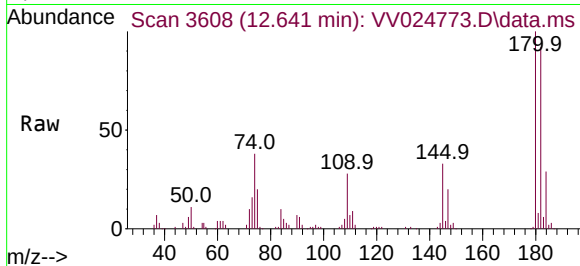




#68  
1,2-Dibromo-3-chloropropane  
Concen: 15.377 ug/L  
RT: 12.641 min Scan# 30  
Delta R.T. 0.216 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

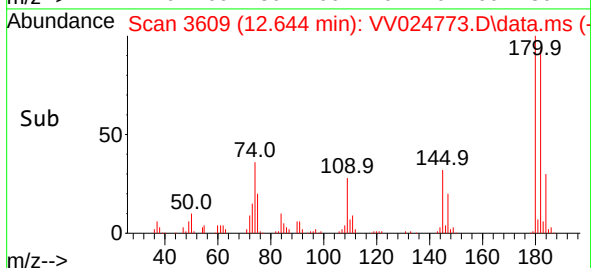
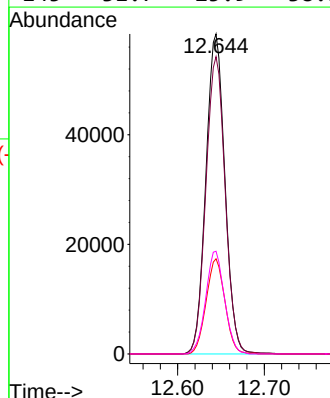
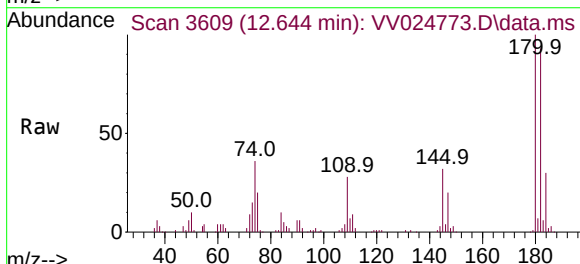
Instrument :  
MSVOA\_V  
ClientSampleId :

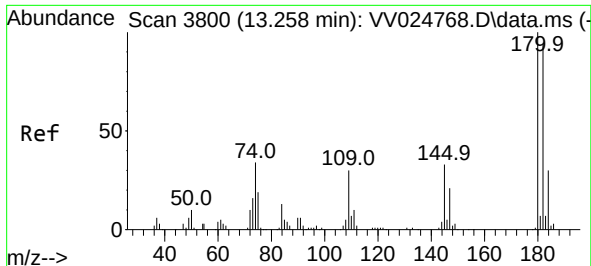
Tgt Ion: 75 Resp: 17583  
Ion Ratio Lower Upper  
75 100  
155 0.0 61.7 92.5#  
157 0.0 73.5 110.3#



#69  
1,3,5-Trichlorobenzene  
Concen: 4.884 ug/L  
RT: 12.644 min Scan# 3609  
Delta R.T. 0.003 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Tgt Ion:180 Resp: 89160  
Ion Ratio Lower Upper  
180 100  
182 94.4 74.6 111.8  
184 29.4 23.8 35.8  
145 31.7 25.9 38.9

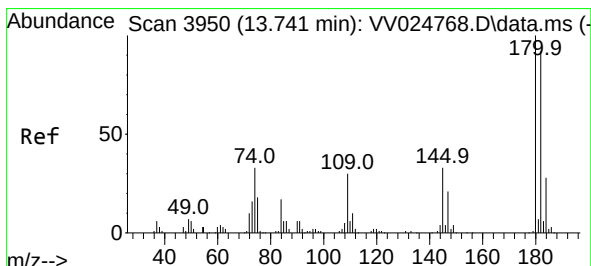
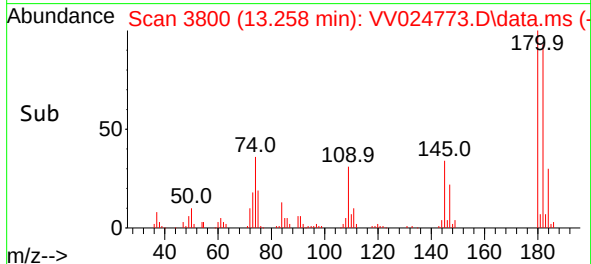
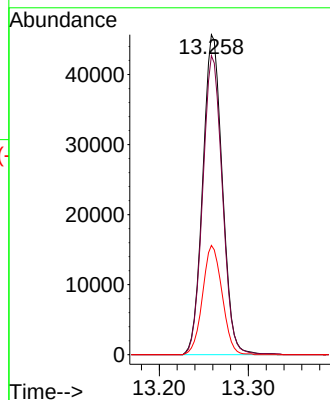
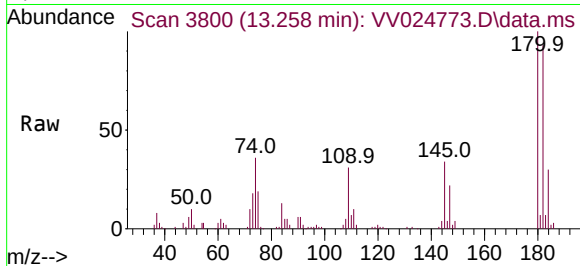




#70  
1,2,4-trichlorobenzene  
Concen: 4.833 ug/L  
RT: 13.258 min Scan# 3800  
Delta R.T. 0.000 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:180 Resp: 69514  
Ion Ratio Lower Upper  
180 100  
182 94.0 75.0 112.6  
145 34.1 26.9 40.3



#72  
1,2,3-Trichlorobenzene  
Concen: 2.886 ug/L  
RT: 13.741 min Scan# 3950  
Delta R.T. 0.000 min  
Lab File: VV024773.D  
Acq: 21 Feb 2022 14:02

Tgt Ion:180 Resp: 34745  
Ion Ratio Lower Upper  
180 100  
182 95.0 75.6 113.4  
145 35.1 28.5 42.7

