

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032222\  
 Data File : VN071462.D  
 Acq On : 22 Mar 2022 12:55  
 Operator : JC\MD  
 Sample : PB143494TB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 23 07:07:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.081          | 168  | 678730     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963          | 114  | 1168933    | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739         | 117  | 1119181    | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.669         | 152  | 396637     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.434          | 65   | 453312     | 48.731    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 97.460%   |        |          |
| 35) Dibromofluoromethane      | 8.022          | 113  | 341304     | 46.270    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 92.540%   |        |          |
| 50) Toluene-d8                | 10.433         | 98   | 1461355    | 49.205    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 98.400%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.727         | 95   | 534755     | 53.173    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 106.340%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 3) Chloromethane              | 2.299          | 50   | 6120       | 0.579     | ug/l # | 87       |
| 5) Bromomethane               | 2.875          | 94   | 2000       | Below Cal |        | 87       |
| 13) Acrolein                  | 4.057          | 56   | 1037       | 0.536     | ug/l # | 42       |
| 15) Acrylonitrile             | 5.557          | 53   | 1605       | 0.296     | ug/l # | 79       |
| 16) Acetone                   | 4.293          | 43   | 40284      | 8.900     | ug/l   | 97       |
| 18) Methyl Acetate            | 4.857          | 43   | 14990      | 1.692     | ug/l   | 96       |
| 20) Methylene Chloride        | 5.098          | 84   | 11960      | 1.817     | ug/l   | 93       |
| 25) 2-Butanone                | 7.340          | 43   | 9533       | 1.307     | ug/l   | 97       |
| 29) Tetrahydrofuran           | 7.698          | 42   | 2559       | 0.507     | ug/l # | 70       |
| 31) Cyclohexane               | 8.086          | 56   | 15200      | 1.023     | ug/l # | 26       |
| 36) 1,1-Dichloropropene       | 8.081          | 75   | 52744      | 4.463     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 8.081          | 117  | 67903      | 5.940     | ug/l # | 17       |
| 43) Isopropyl Acetate         | 8.557          | 43   | 91587      | 3.765     | ug/l # | 86       |
| 45) 1,2-Dichloropropane       | 9.622          | 63   | 5842       | 0.611     | ug/l # | 44       |
| 48) Methyl methacrylate       | 9.539          | 41   | 22363      | 1.984     | ug/l # | 10       |
| 49) 1,4-Dioxane               | 9.569          | 88   | 149        | 0.760     | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.328         | 43   | 17285      | 1.145     | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.239         | 75   | 121976     | 8.517     | ug/l # | 59       |
| 57) 1,3-Dichloropropane       | 11.086         | 76   | 74025      | 4.694     | ug/l # | 43       |
| 58) 2-Chloroethyl Vinyl ether | 10.039         | 63   | 55         | 27.881    | ug/l # | 45       |
| 59) 2-Hexanone                | 11.086         | 43   | 1184329    | 114.988   | ug/l # | 49       |
| 74) N-amyl acetate            | 12.380         | 43   | 4696       | 0.327     | ug/l # | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.833         | 83   | 1131       | Below Cal |        | 96       |
| 76) 1,2,3-Trichloropropane    | 12.727         | 75   | 278934     | 27.761    | ug/l # | 1        |
| 80) 1,3,5-Trimethylbenzene    | 13.057         | 105  | 6160       | 0.207     | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.727         | 75   | 278934     | 76.021    | ug/l # | 5        |
| 87) 1,3-Dichlorobenzene       | 13.616         | 146  | 3004       | 0.207     | ug/l   | 89       |
| 88) 1,4-Dichlorobenzene       | 13.616         | 146  | 3004       | 0.212     | ug/l   | 89       |
| 89) n-Butylbenzene            | 13.939         | 91   | 6993       | 0.322     | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.986         | 146  | 2906       | 0.209     | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598         | 75   | 706        | 0.317     | ug/l   | 53       |
| 93) 1,2,4-Trichlorobenzene    | 15.257         | 180  | 4236       | 3.602     | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.363         | 225  | 830        | 0.212     | ug/l   | 79       |
| 95) Naphthalene               | 15.498         | 128  | 13552      | 5.737     | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.692         | 180  | 4704       | 3.446     | ug/l   | 94       |
| -----                         |                |      |            |           |        |          |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032222\  
Data File : VN071462.D  
Acq On : 22 Mar 2022 12:55  
Operator : JC\MD  
Sample : PB143494TB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Mar 23 07:07:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

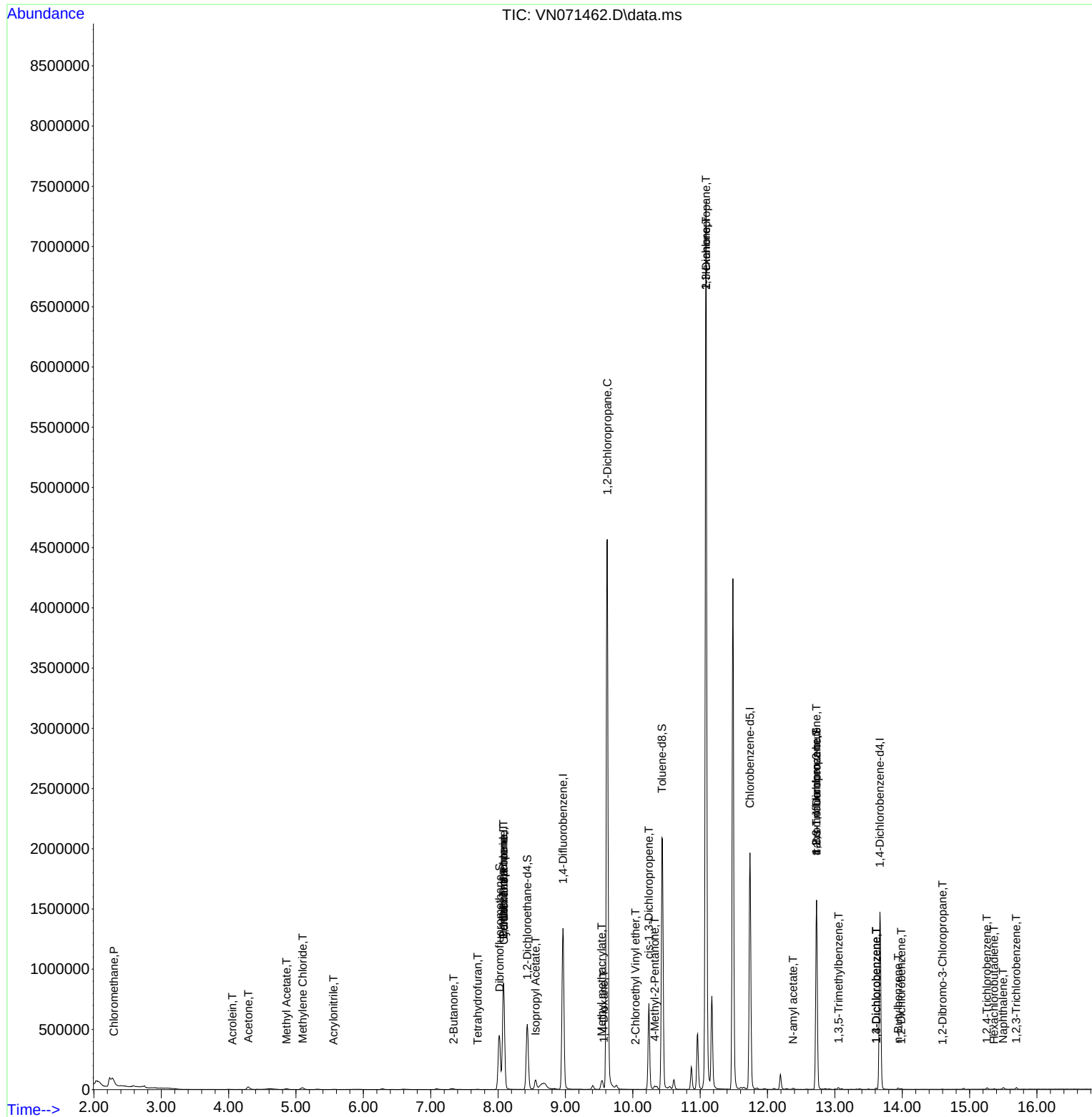
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

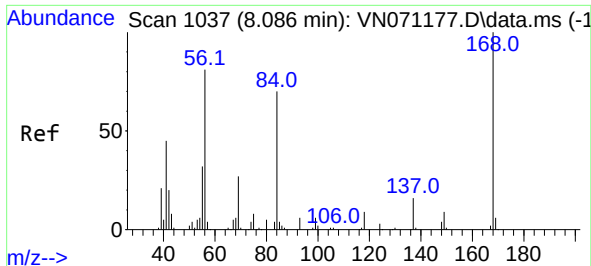
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032222\  
Data File : VN071462.D  
Acq On : 22 Mar 2022 12:55  
Operator : JC\MD  
Sample : PB143494TB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Mar 23 07:07:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

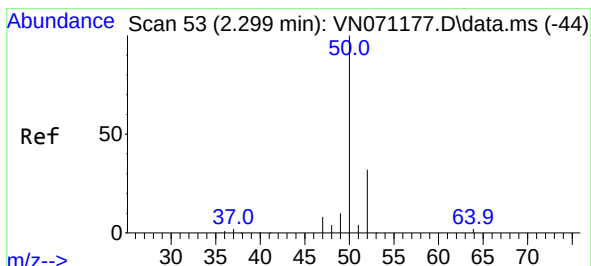
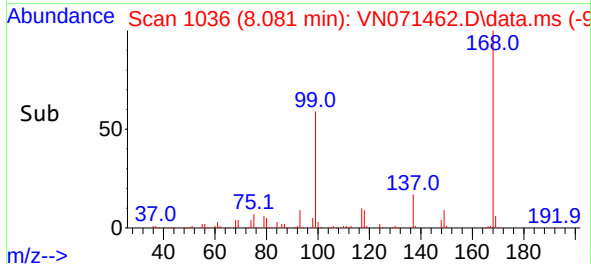
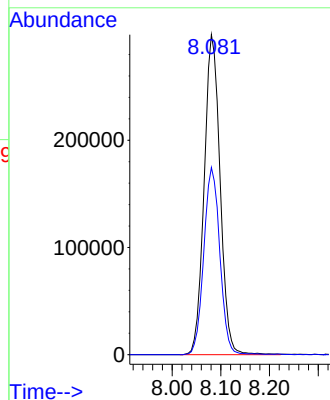
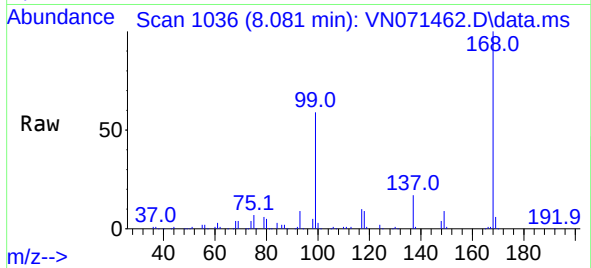




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

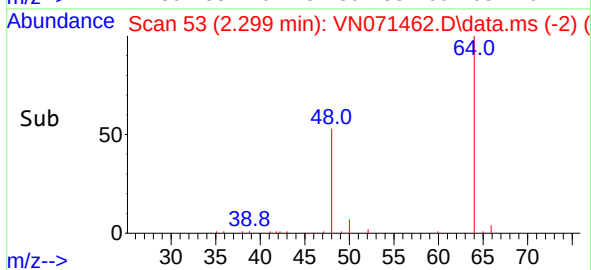
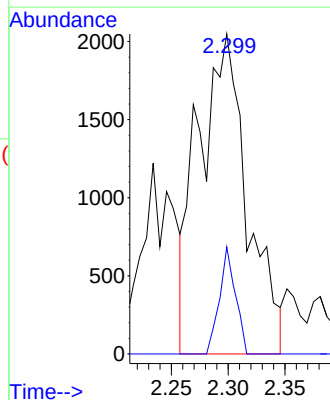
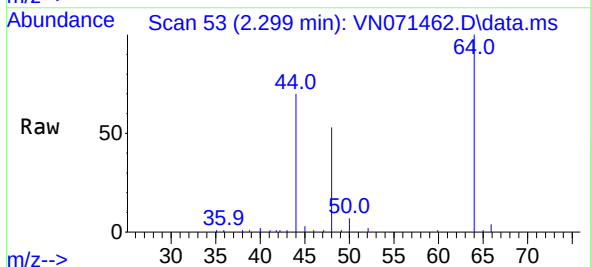
Instrument :  
MSVOA\_N  
ClientSampleId :

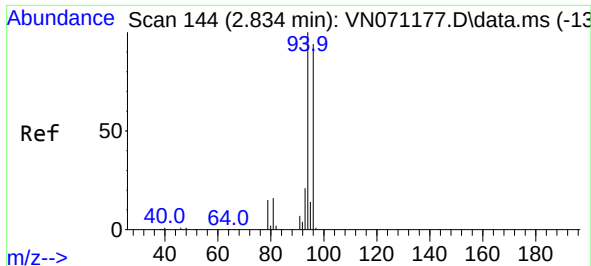
Tgt Ion:168 Resp: 678730  
Ion Ratio Lower Upper  
168 100  
99 58.5 41.3 61.9



#3  
Chloromethane  
Concen: 0.579 ug/l  
RT: 2.299 min Scan# 53  
Delta R.T. -0.000 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 50 Resp: 6120  
Ion Ratio Lower Upper  
50 100  
52 39.1 25.4 38.0#

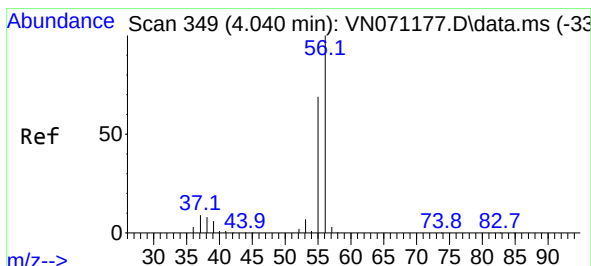
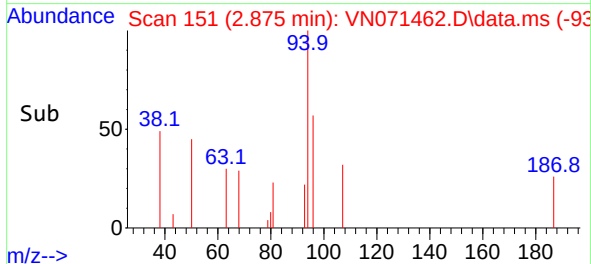
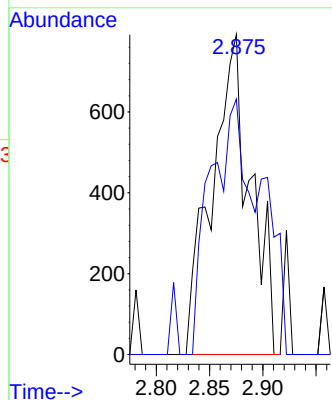
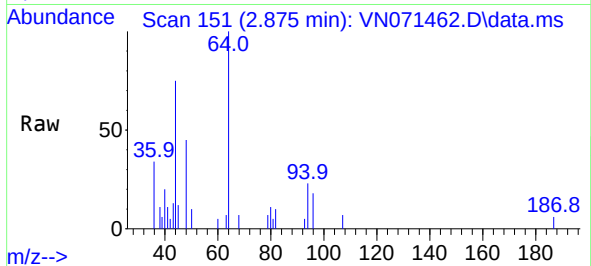




#5  
Bromomethane  
Concen: Below Cal  
RT: 2.875 min Scan# 11  
Delta R.T. 0.041 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

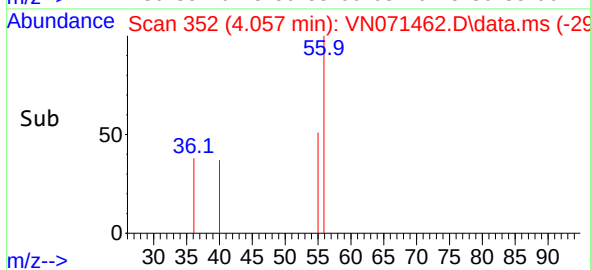
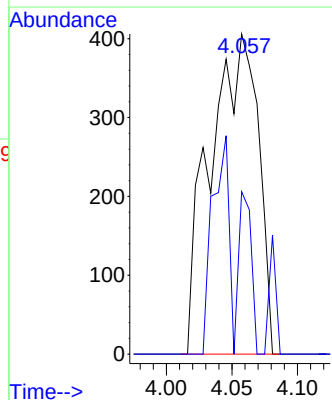
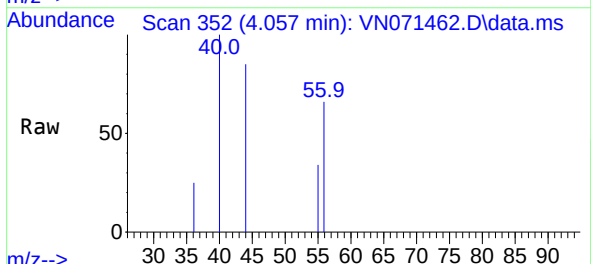
Instrument :  
MSVOA\_N  
ClientSampleId :

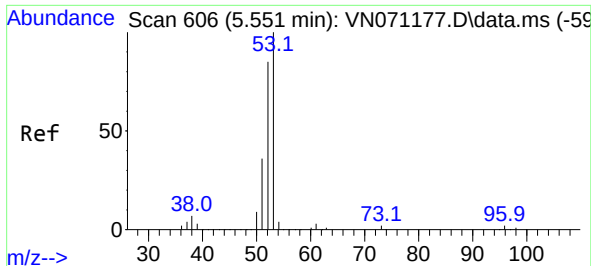
Tgt Ion: 94 Resp: 2000  
Ion Ratio Lower Upper  
94 100  
96 79.9 73.8 110.8



#13  
Acrolein  
Concen: 0.536 ug/l  
RT: 4.057 min Scan# 352  
Delta R.T. 0.018 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

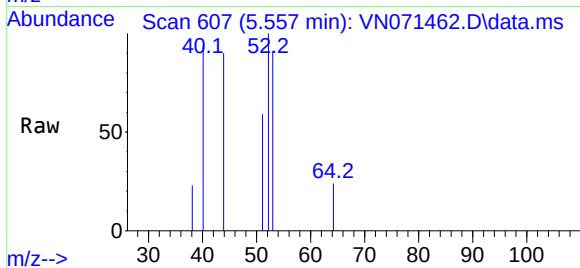
Tgt Ion: 56 Resp: 1037  
Ion Ratio Lower Upper  
56 100  
55 23.2 56.6 85.0#



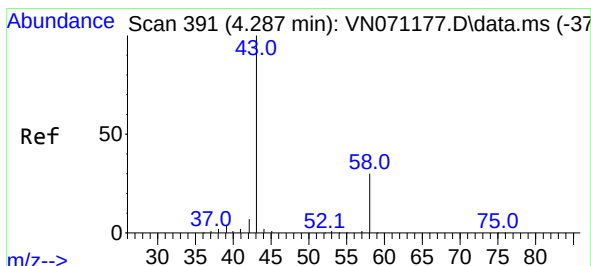
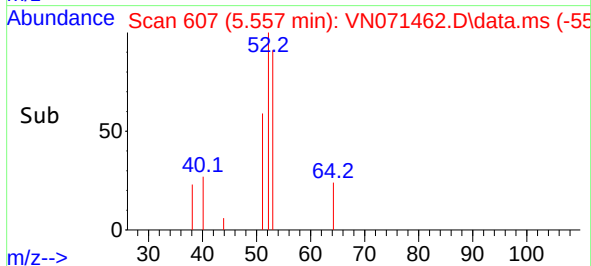
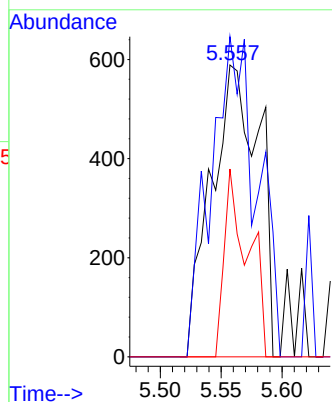


#15  
Acrylonitrile  
Concen: 0.296 ug/l  
RT: 5.557 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

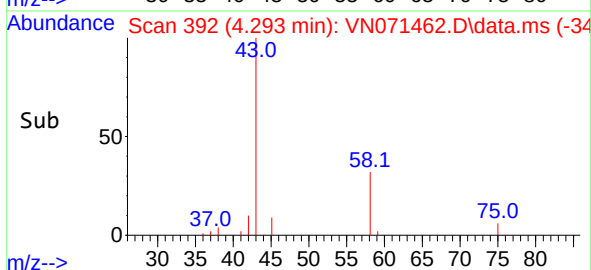
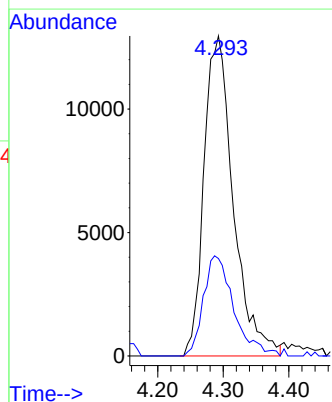
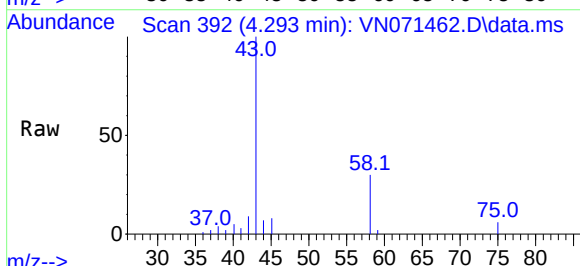


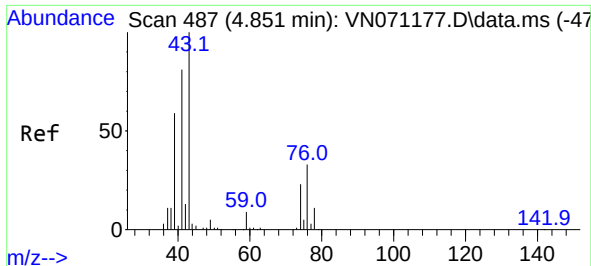
Tgt Ion: 53 Resp: 1605  
Ion Ratio Lower Upper  
53 100  
52 106.2 66.2 99.2#  
51 32.2 29.6 44.4



#16  
Acetone  
Concen: 8.900 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

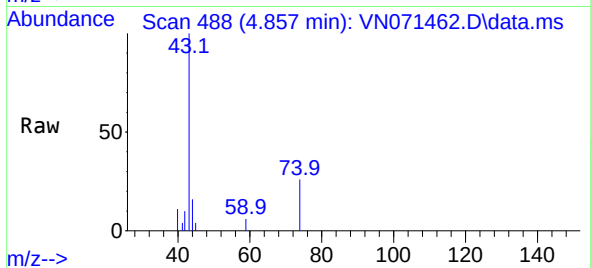
Tgt Ion: 43 Resp: 40284  
Ion Ratio Lower Upper  
43 100  
58 30.4 23.1 34.7



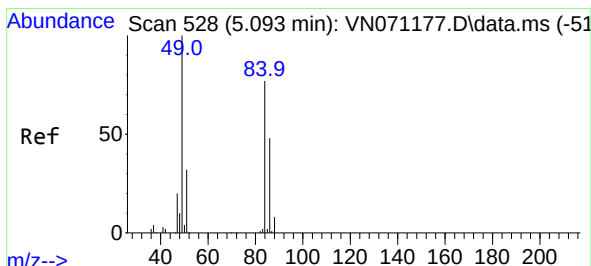
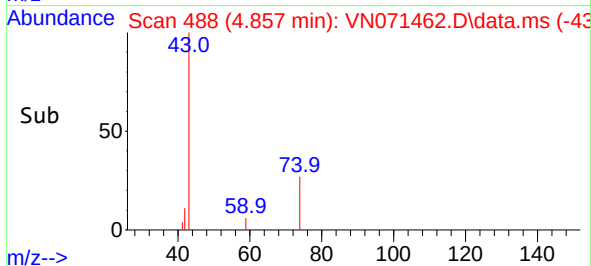
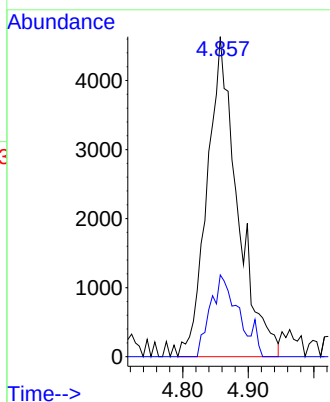


#18  
Methyl Acetate  
Concen: 1.692 ug/l  
RT: 4.857 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

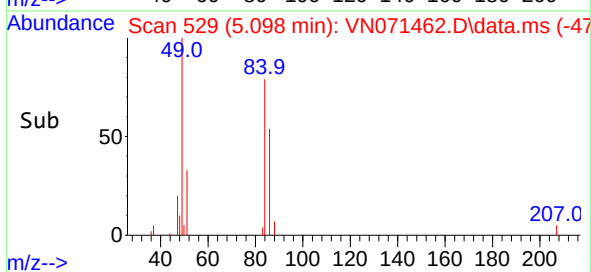
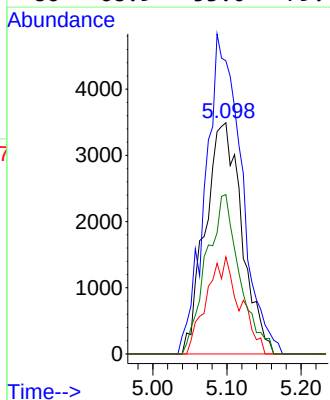
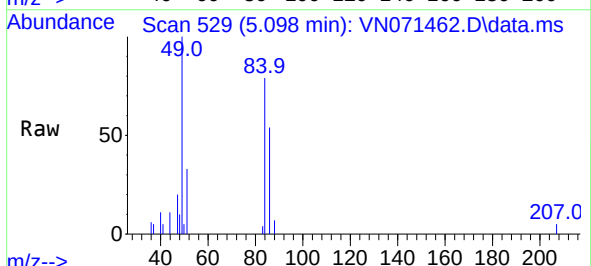


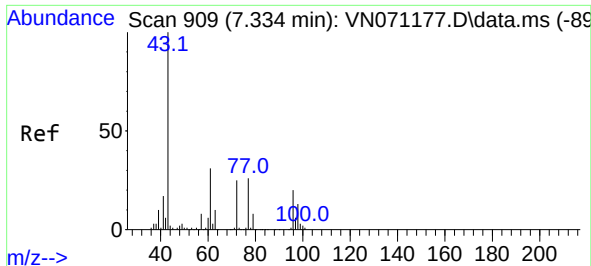
Tgt Ion: 43 Resp: 14990  
Ion Ratio Lower Upper  
43 100  
74 22.1 19.4 29.2



#20  
Methylene Chloride  
Concen: 1.817 ug/l  
RT: 5.098 min Scan# 529  
Delta R.T. 0.005 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 84 Resp: 11960  
Ion Ratio Lower Upper  
84 100  
49 126.8 93.5 140.3  
51 42.0 29.4 44.2  
86 68.9 53.0 79.4





#25

2-Butanone

Concen: 1.307 ug/l

RT: 7.340 min Scan# 910

Delta R.T. 0.006 min

Lab File: VN071462.D

Acq: 22 Mar 2022 12:55

Instrument :

MSVOA\_N

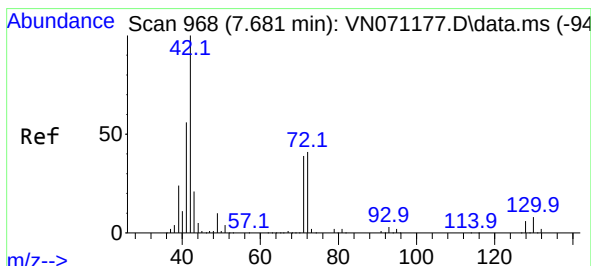
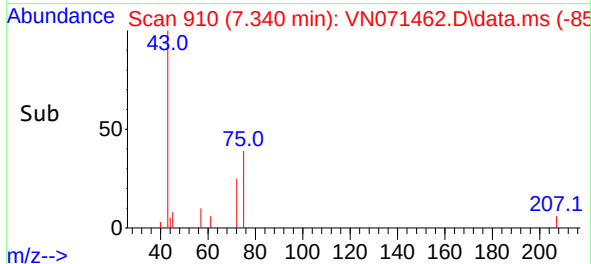
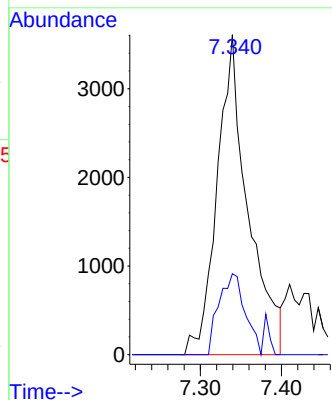
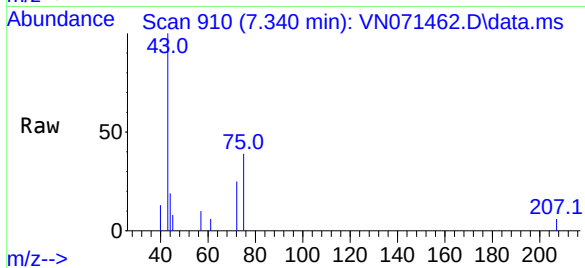
ClientSampleId :

Tgt Ion: 43 Resp: 9533

Ion Ratio Lower Upper

43 100

72 25.3 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.507 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.018 min

Lab File: VN071462.D

Acq: 22 Mar 2022 12:55

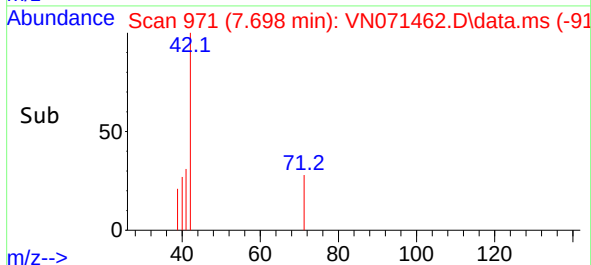
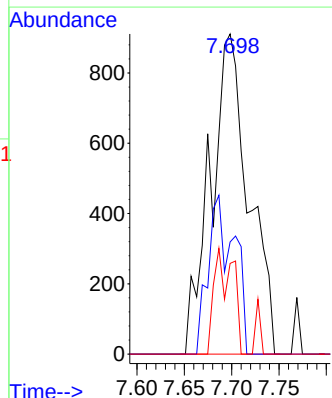
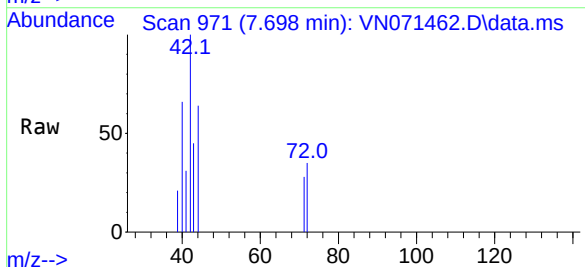
Tgt Ion: 42 Resp: 2559

Ion Ratio Lower Upper

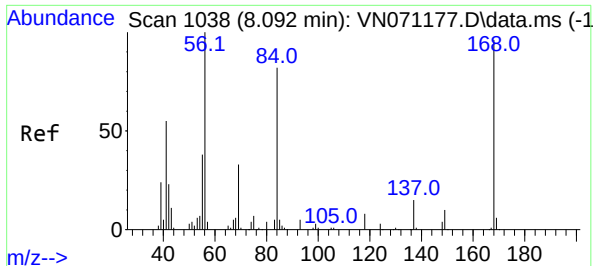
42 100

72 33.7 36.3 54.5#

71 16.2 34.7 52.1#







#31

Cyclohexane

Concen: 1.023 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071462.D

Acq: 22 Mar 2022 12:55

Instrument :

MSVOA\_N

ClientSampleId :

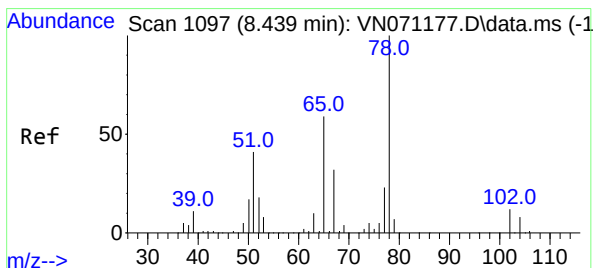
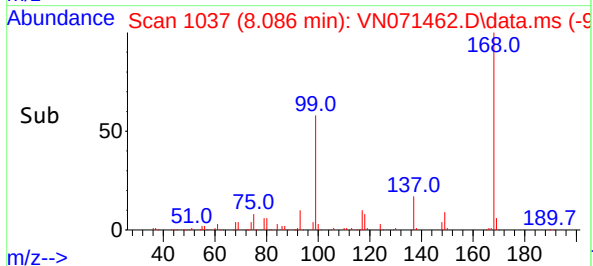
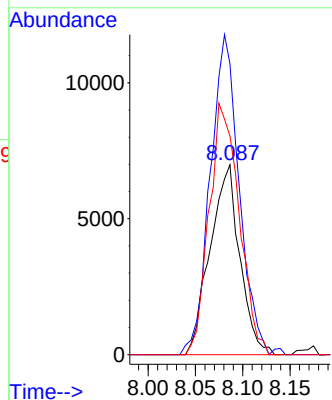
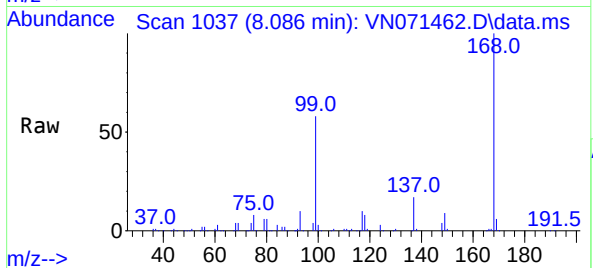
Tgt Ion: 56 Resp: 15200

Ion Ratio Lower Upper

56 100

69 153.1 27.1 40.7#

84 115.0 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 48.731 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071462.D

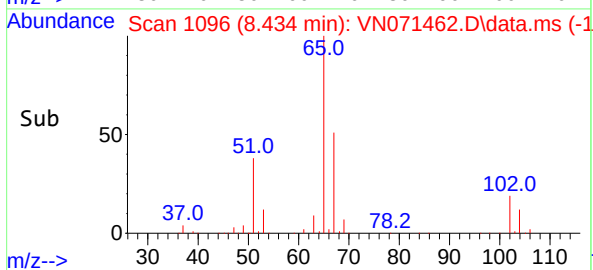
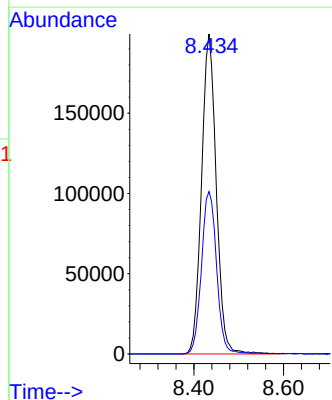
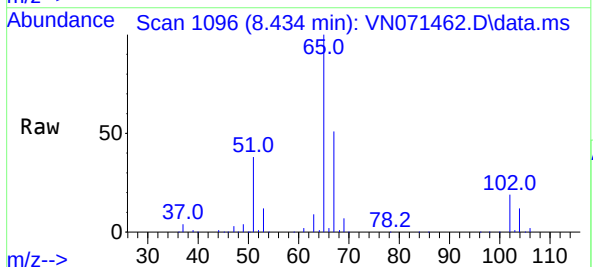
Acq: 22 Mar 2022 12:55

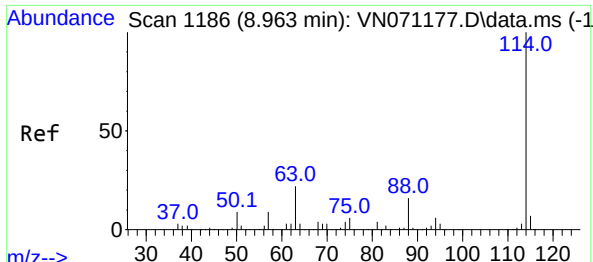
Tgt Ion: 65 Resp: 453312

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071462.D

Acq: 22 Mar 2022 12:55

Instrument :

MSVOA\_N

ClientSampleId :

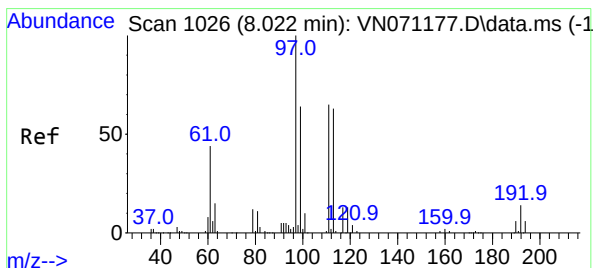
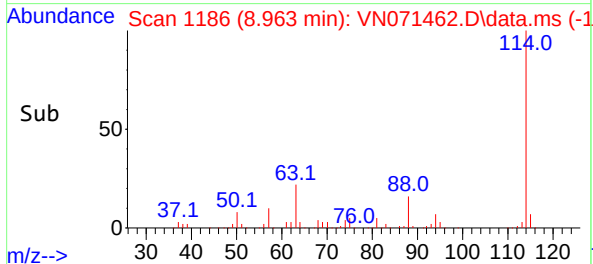
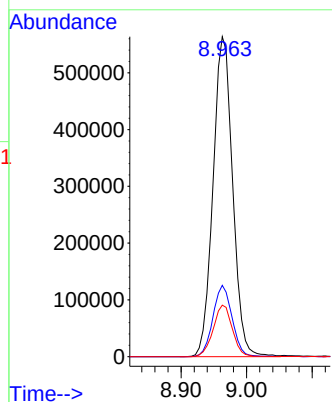
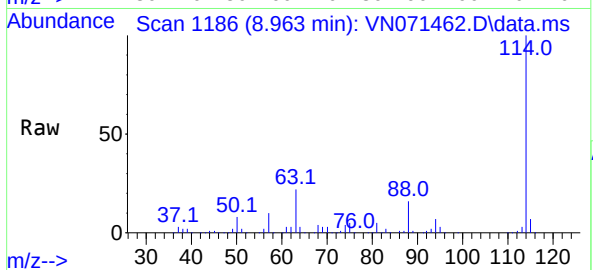
Tgt Ion:114 Resp: 1168933

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

88 16.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.270 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN071462.D

Acq: 22 Mar 2022 12:55

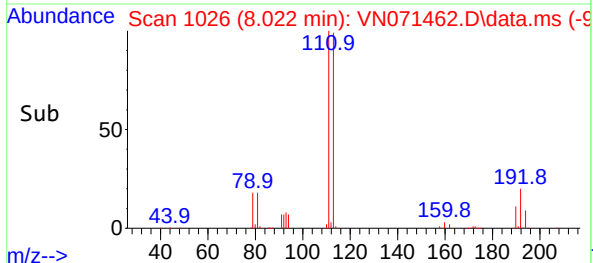
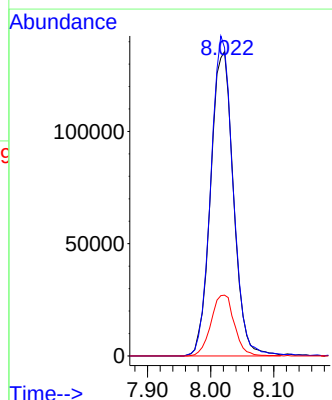
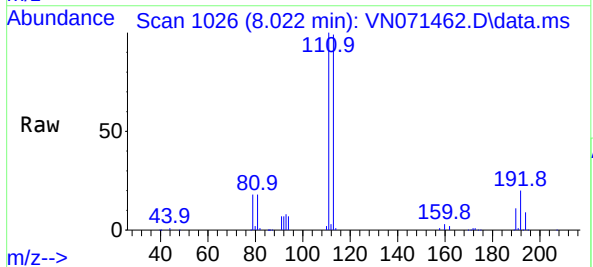
Tgt Ion:113 Resp: 341304

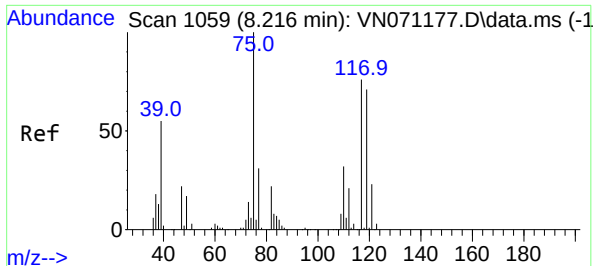
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

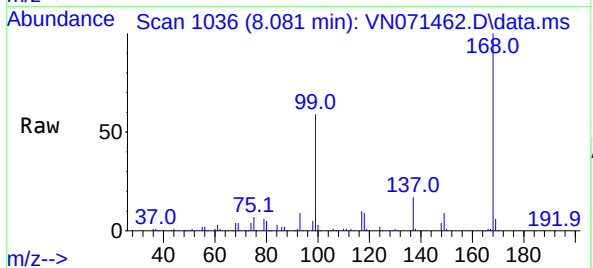
192 20.4 16.9 25.3



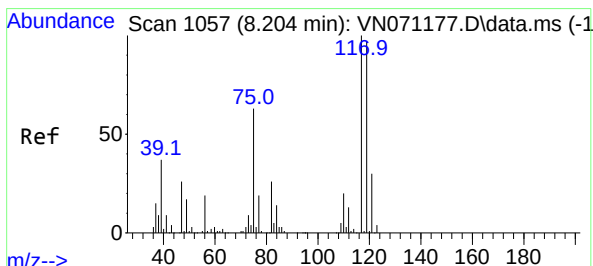
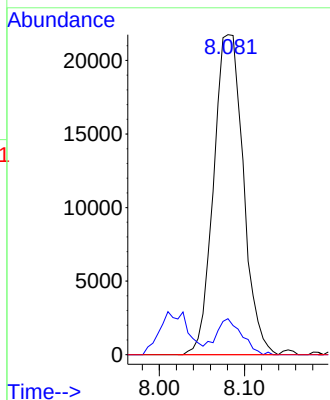
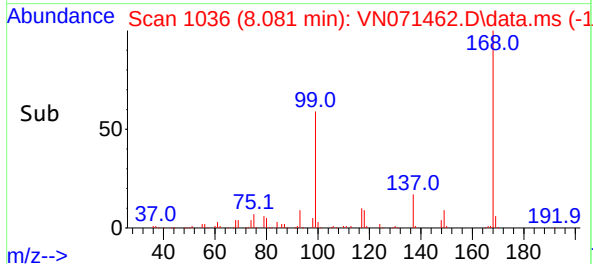


#36  
1,1-Dichloropropene  
Concen: 4.463 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.135 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

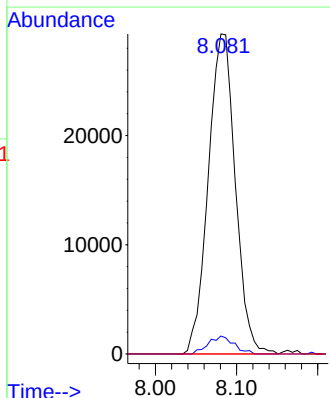
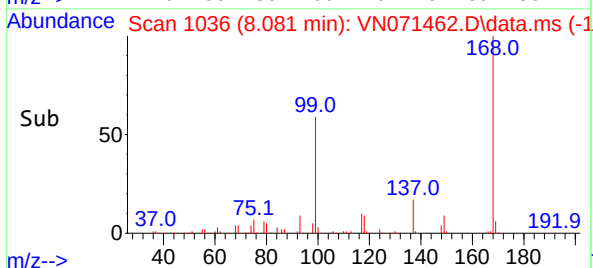
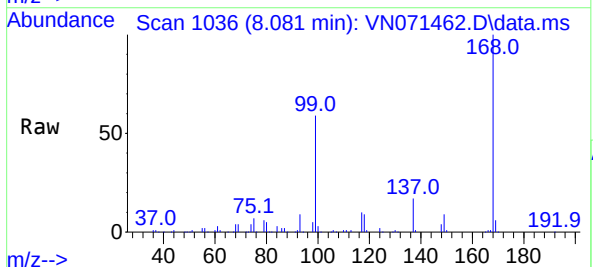


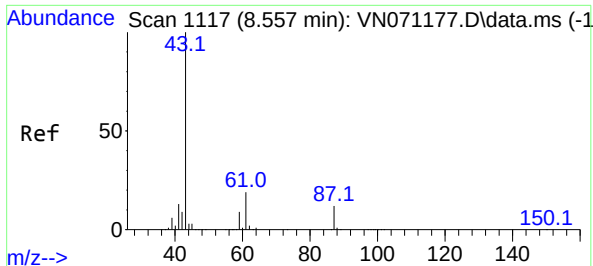
Tgt Ion: 75 Resp: 52744  
Ion Ratio Lower Upper  
75 100  
110 9.9 18.4 55.2#  
77 0.0 24.4 36.6#



#38  
Carbon Tetrachloride  
Concen: 5.940 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.123 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

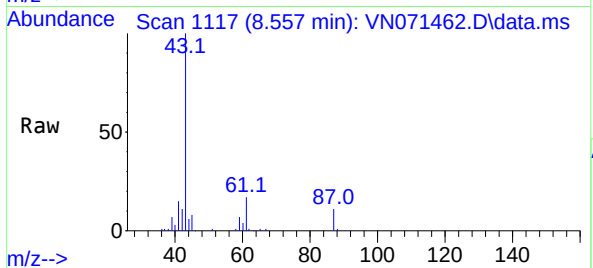
Tgt Ion: 117 Resp: 67903  
Ion Ratio Lower Upper  
117 100  
119 5.6 76.1 114.1#  
121 0.0 24.2 36.2#



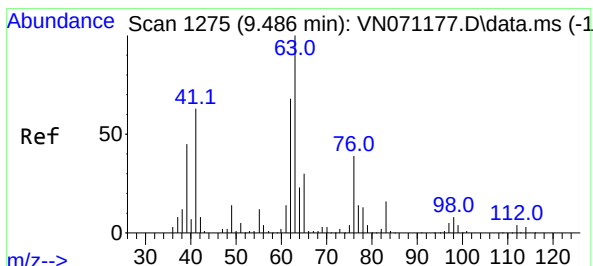
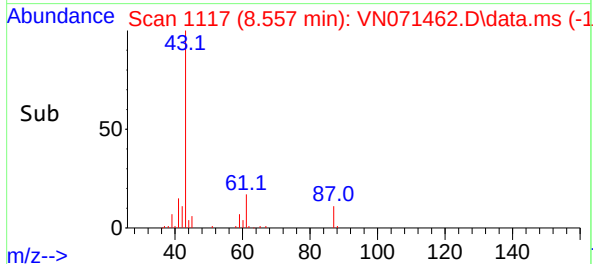
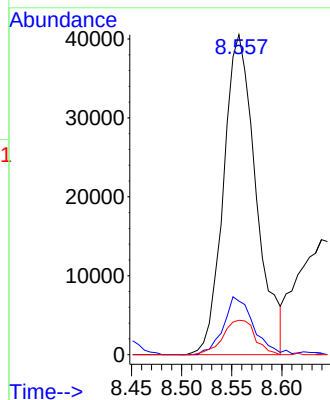


#43  
Isopropyl Acetate  
Concen: 3.765 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

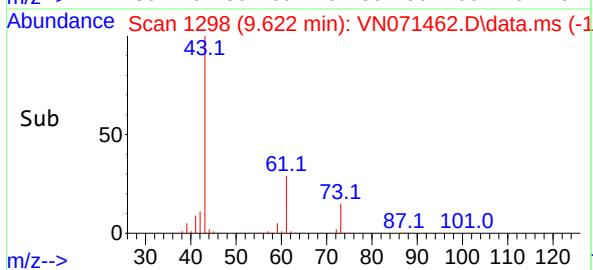
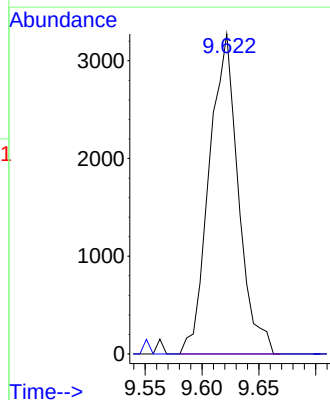
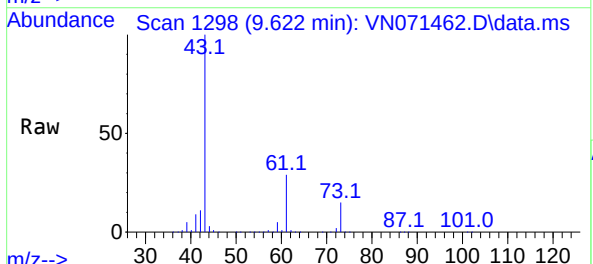


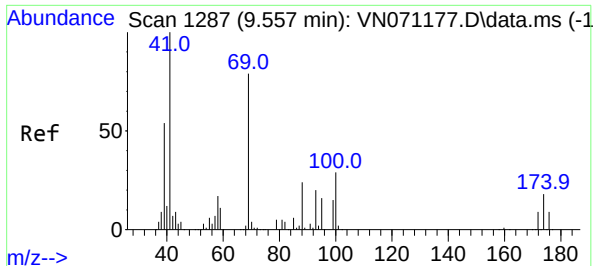
Tgt Ion: 43 Resp: 91587  
Ion Ratio Lower Upper  
43 100  
61 16.8 20.4 30.6#  
87 10.6 11.2 16.8#



#45  
1,2-Dichloropropane  
Concen: 0.611 ug/l  
RT: 9.622 min Scan# 1298  
Delta R.T. 0.136 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 63 Resp: 5842  
Ion Ratio Lower Upper  
63 100  
65 0.0 24.7 37.1#

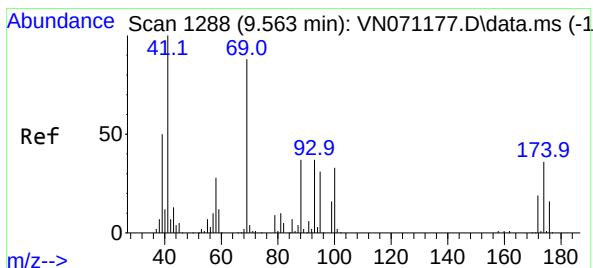
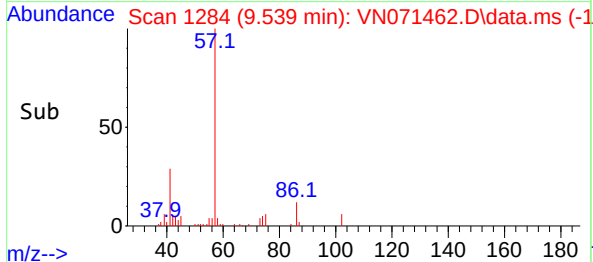
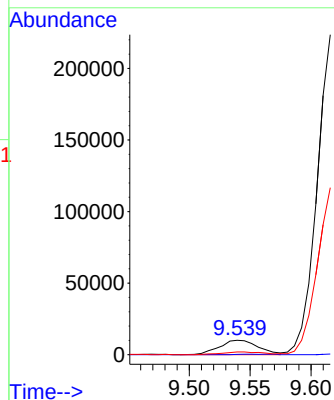
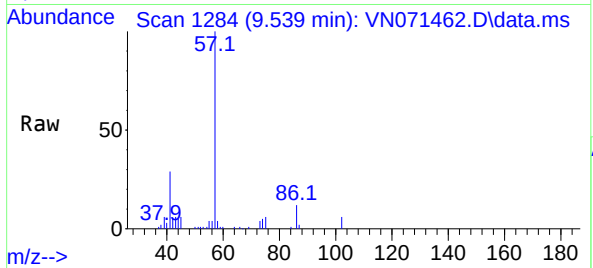




#48  
Methyl methacrylate  
Concen: 1.984 ug/l  
RT: 9.539 min Scan# 1284  
Delta R.T. -0.018 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

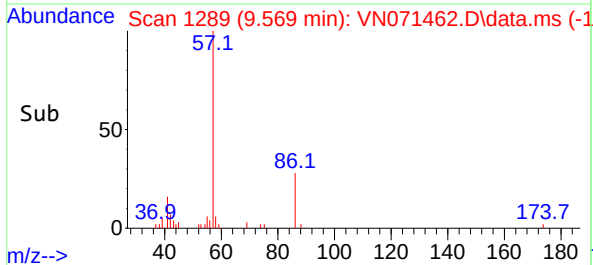
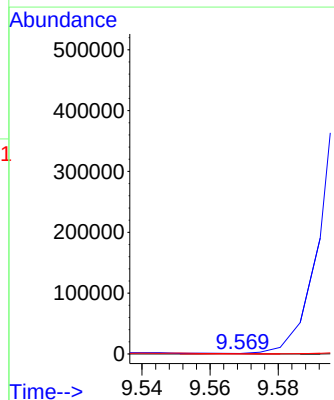
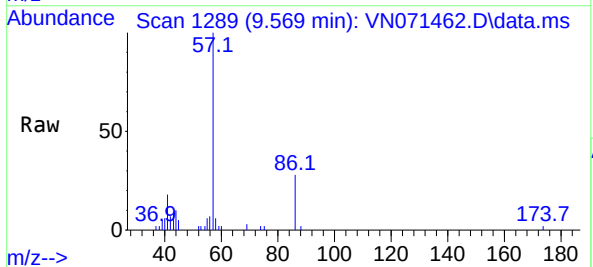
Instrument :  
MSVOA\_N  
ClientSampleId :

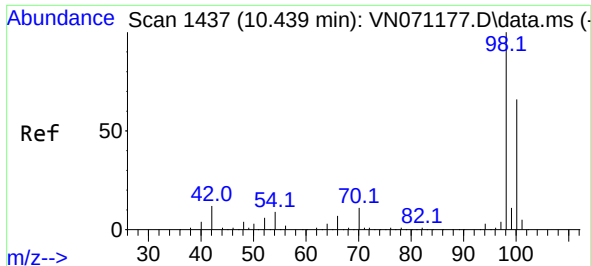
Tgt Ion: 41 Resp: 22363  
Ion Ratio Lower Upper  
41 100  
69 2.8 72.4 108.6#  
39 0.0 58.4 87.6#



#49  
1,4-Dioxane  
Concen: 0.760 ug/l  
RT: 9.569 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 88 Resp: 149  
Ion Ratio Lower Upper  
88 100  
43 0.0 23.4 35.2#  
58 2168.5 50.6 75.8#

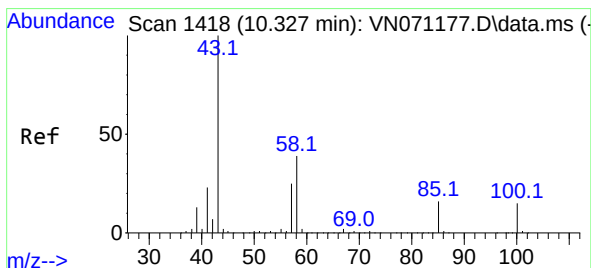
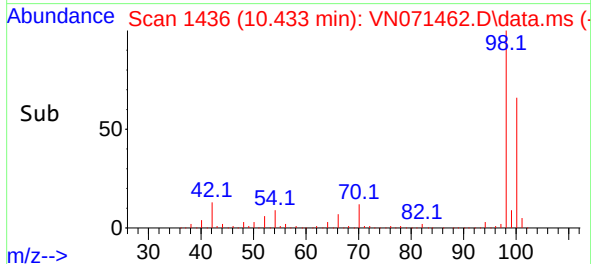
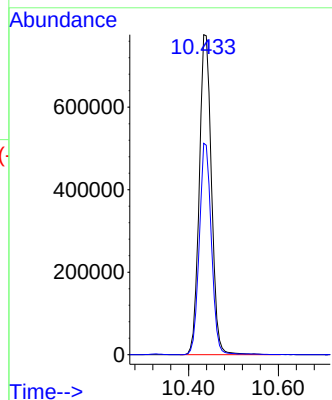
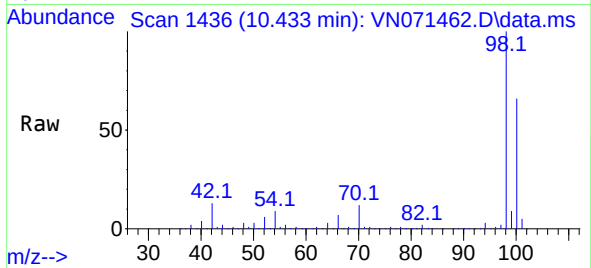




#50  
Toluene-d8  
Concen: 49.205 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

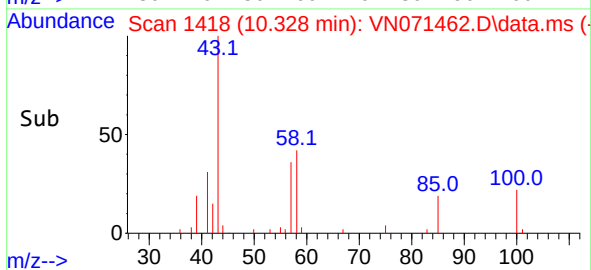
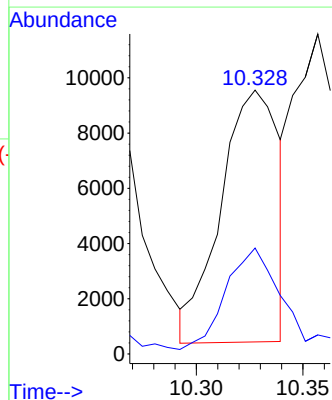
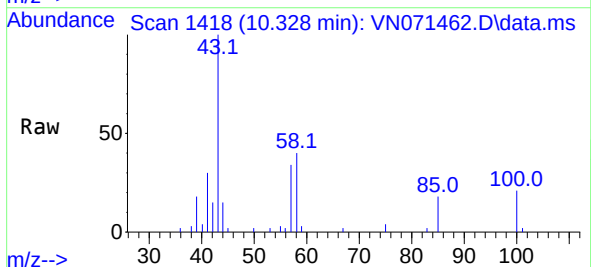
Instrument :  
MSVOA\_N  
ClientSampleId :

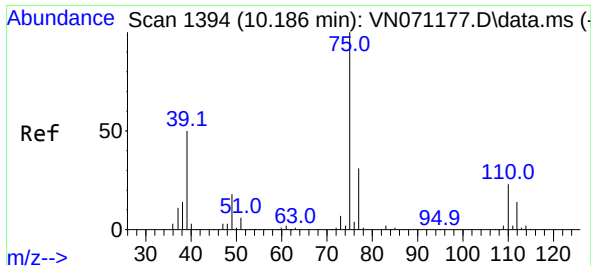
Tgt Ion: 98 Resp: 1461355  
Ion Ratio Lower Upper  
98 100  
100 65.2 50.4 75.6



#51  
4-Methyl-2-Pentanone  
Concen: 1.145 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. 0.001 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 43 Resp: 17285  
Ion Ratio Lower Upper  
43 100  
58 43.5 30.4 45.6

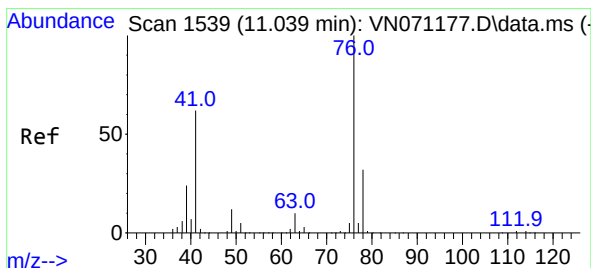
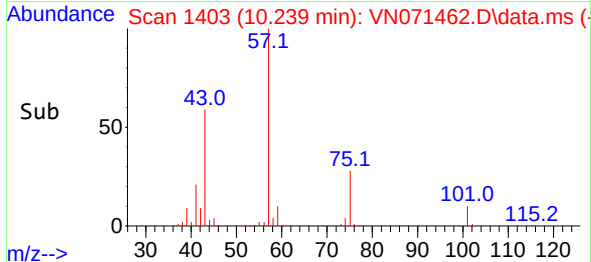
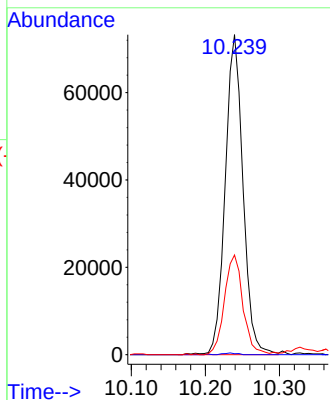
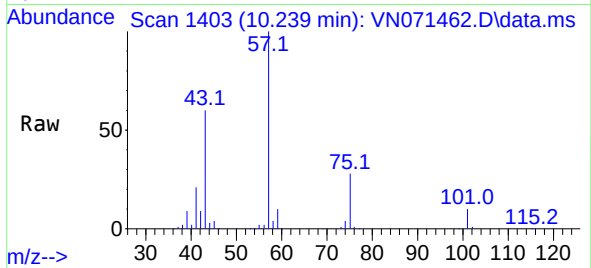




#54  
 cis-1,3-Dichloropropene  
 Concen: 8.517 ug/l  
 RT: 10.239 min Scan# 1403  
 Delta R.T. 0.053 min  
 Lab File: VN071462.D  
 Acq: 22 Mar 2022 12:55

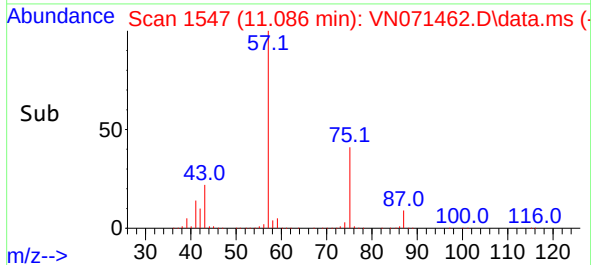
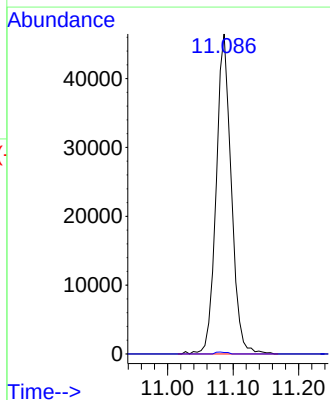
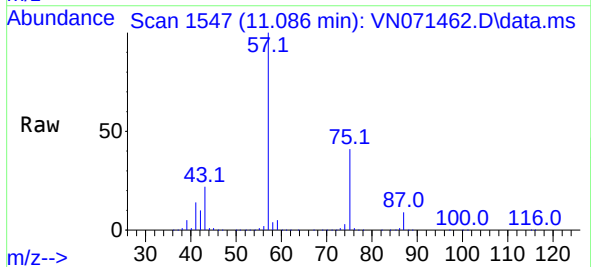
Instrument :  
 MSVOA\_N  
 ClientSampleId :

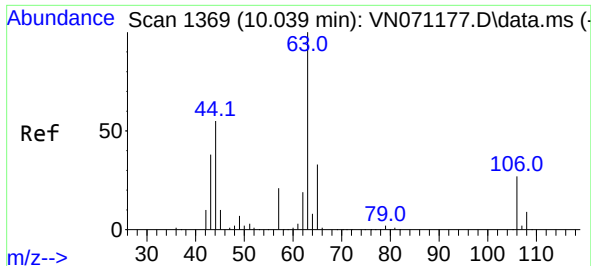
Tgt Ion: 75 Resp: 121976  
 Ion Ratio Lower Upper  
 75 100  
 77 0.3 26.4 39.6#  
 39 31.1 42.5 63.7#



#57  
 1,3-Dichloropropane  
 Concen: 4.694 ug/l  
 RT: 11.086 min Scan# 1547  
 Delta R.T. 0.047 min  
 Lab File: VN071462.D  
 Acq: 22 Mar 2022 12:55

Tgt Ion: 76 Resp: 74025  
 Ion Ratio Lower Upper  
 76 100  
 78 0.5 25.7 38.5#

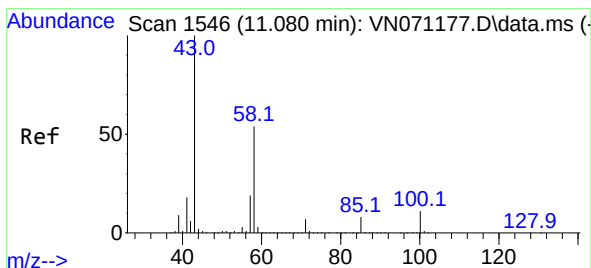
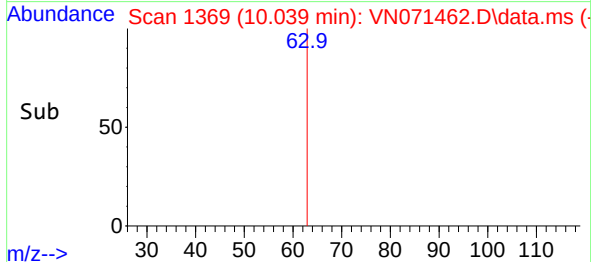
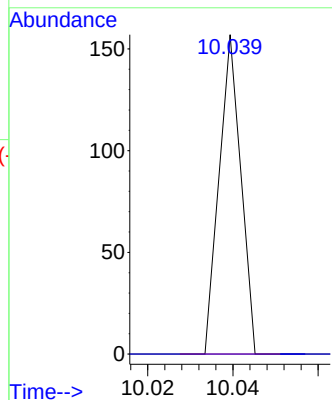
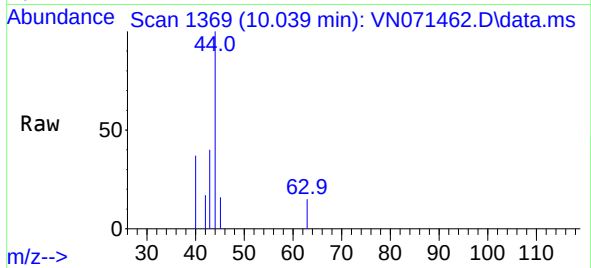




#58  
2-Chloroethyl Vinyl ether  
Concen: 27.881 ug/l  
RT: 10.039 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

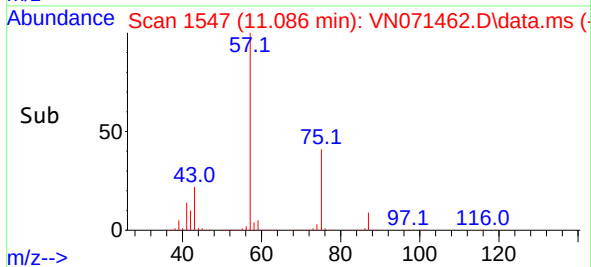
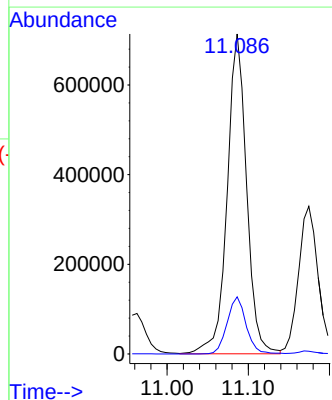
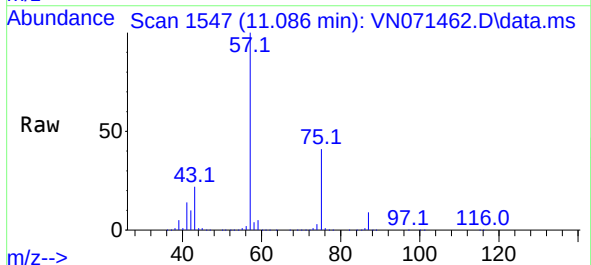
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 63 Resp: 55  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.9 35.9#

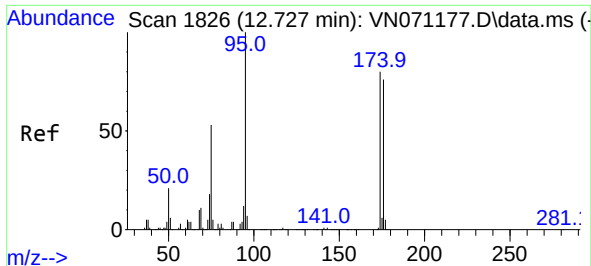


#59  
2-Hexanone  
Concen: 114.988 ug/l  
RT: 11.086 min Scan# 1547  
Delta R.T. 0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 43 Resp: 1184329  
Ion Ratio Lower Upper  
43 100  
58 17.5 26.9 80.7#



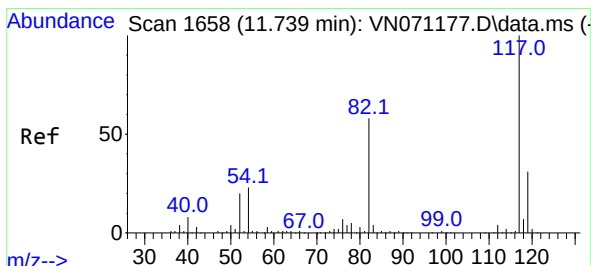
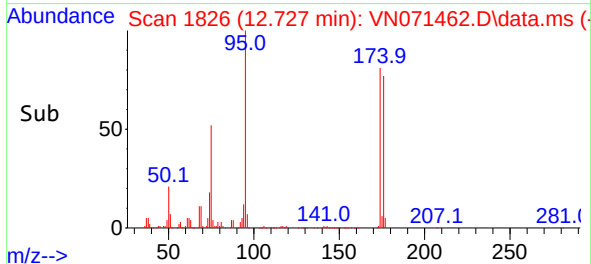
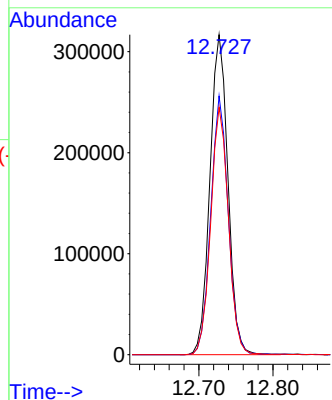
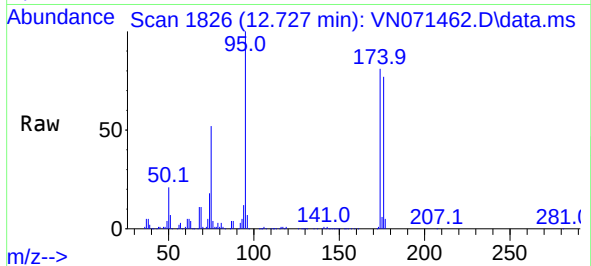




#62  
4-Bromofluorobenzene  
Concen: 53.173 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

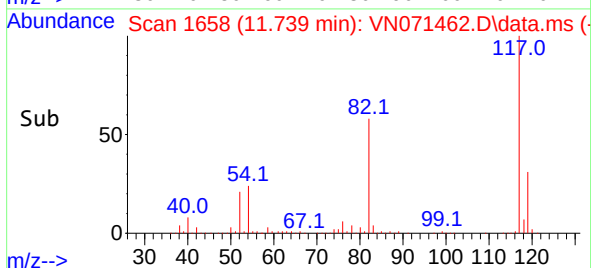
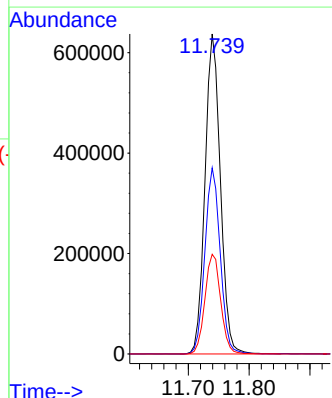
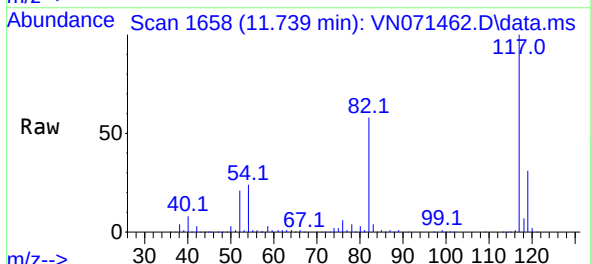
Instrument :  
MSVOA\_N  
ClientSampleId :

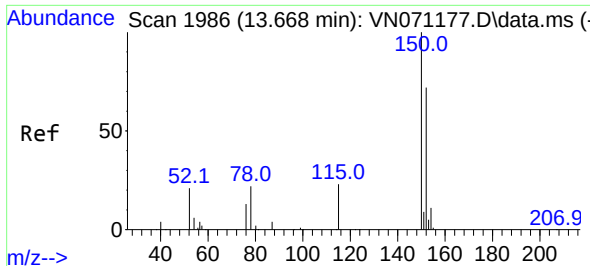
Tgt Ion: 95 Resp: 534755  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 187.2  
176 75.8 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 117 Resp: 1119181  
Ion Ratio Lower Upper  
117 100  
82 58.1 42.4 63.6  
119 31.2 25.4 38.2

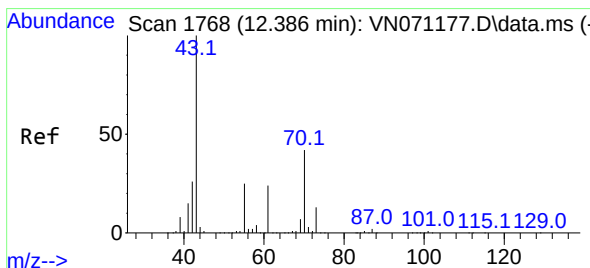
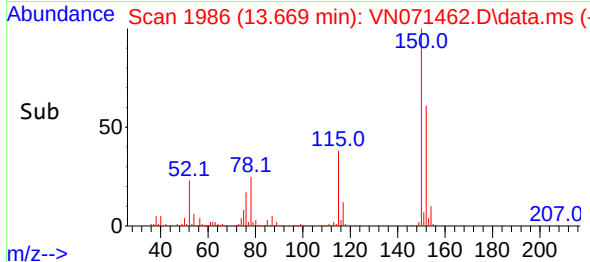
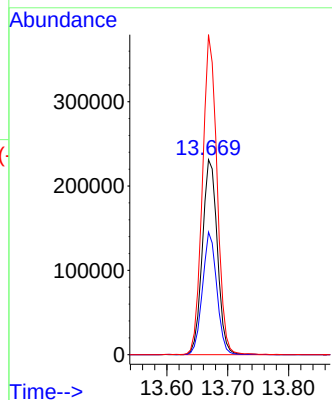
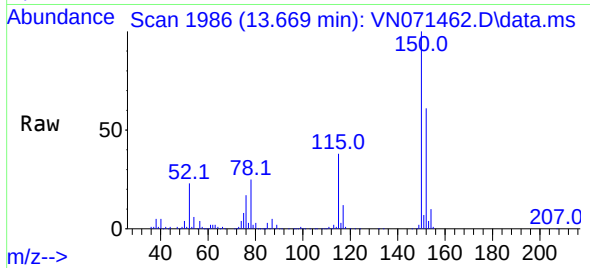




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. 0.001 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

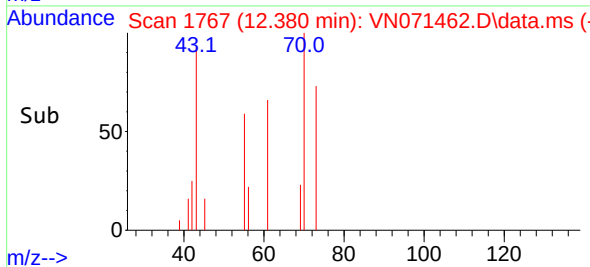
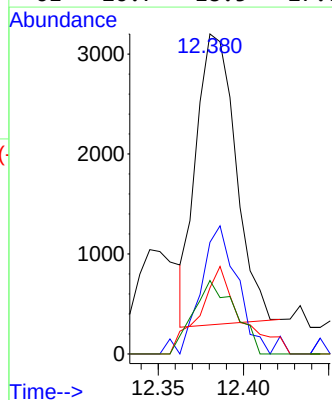
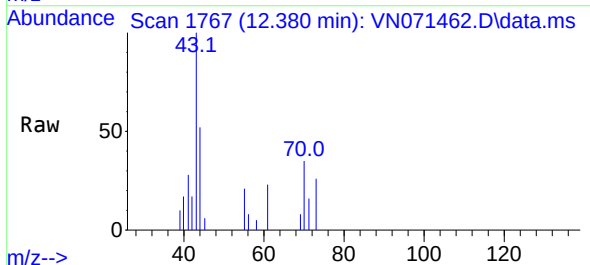
Instrument :  
MSVOA\_N  
ClientSampleId :

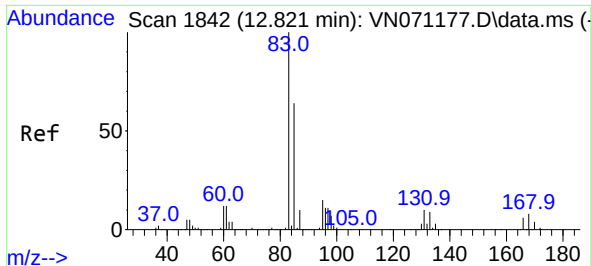
Tgt Ion:152 Resp: 396637  
Ion Ratio Lower Upper  
152 100  
115 60.0 27.5 82.5  
150 159.9 0.0 344.4



#74  
N-ethyl acetate  
Concen: 0.327 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. -0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion: 43 Resp: 4696  
Ion Ratio Lower Upper  
43 100  
70 42.4 33.4 50.0  
55 31.2 19.3 28.9#  
61 26.7 18.5 27.7

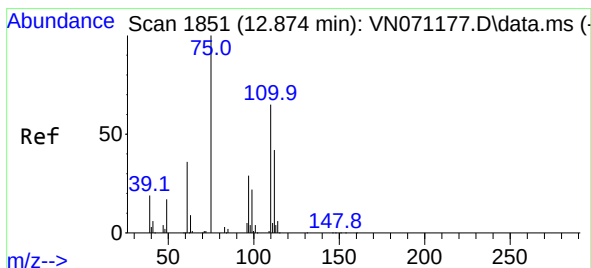
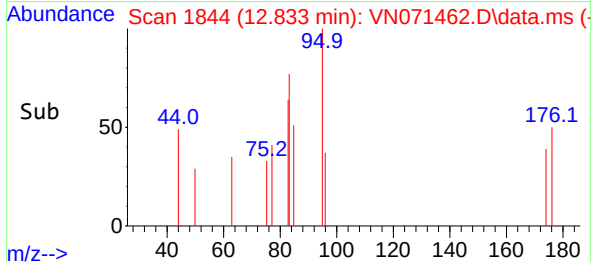
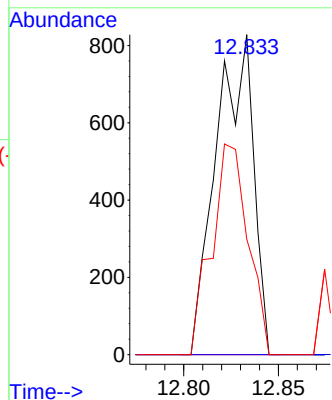
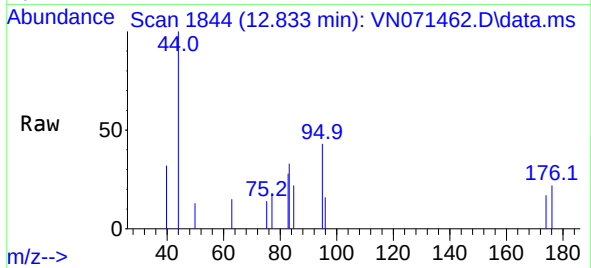




#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.833 min Scan# 1844  
Delta R.T. 0.012 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

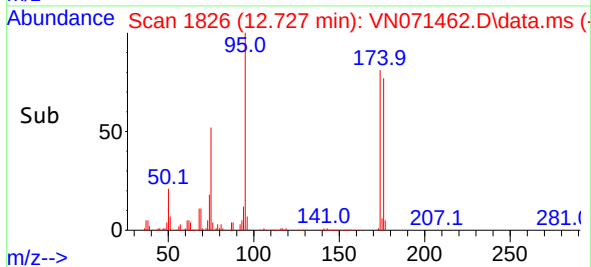
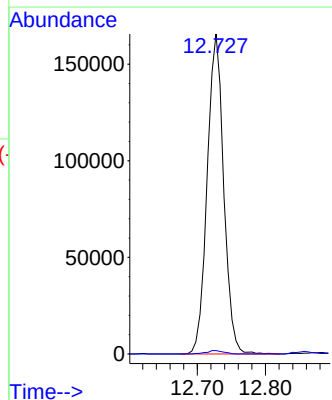
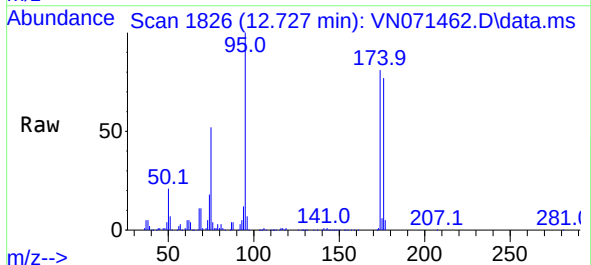
Instrument :  
MSVOA\_N  
ClientSampleId :

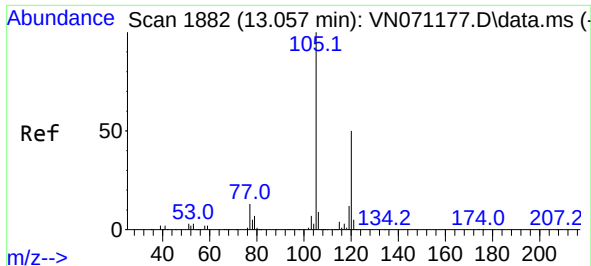
Tgt Ion: 83 Resp: 1131  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.5 16.5#  
85 64.5 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 27.761 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

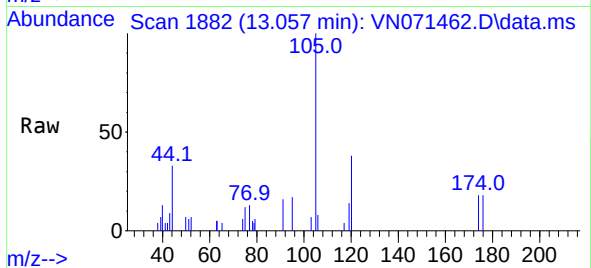
Tgt Ion: 75 Resp: 278934  
Ion Ratio Lower Upper  
75 100  
77 1.1 82.6 247.8#



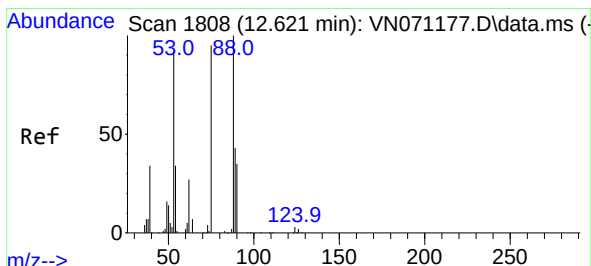
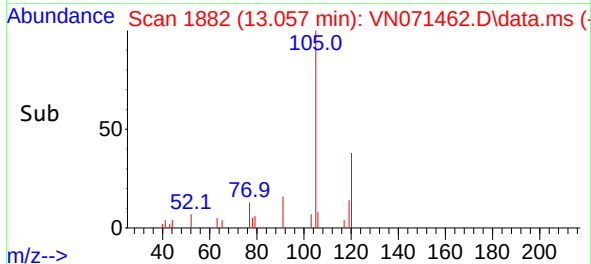
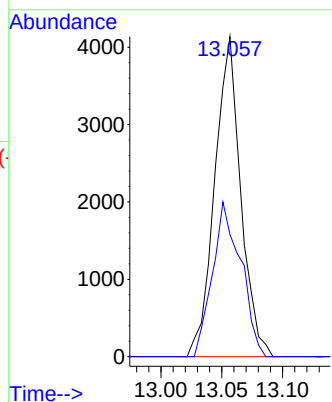


#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.207 ug/l  
 RT: 13.057 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN071462.D  
 Acq: 22 Mar 2022 12:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :

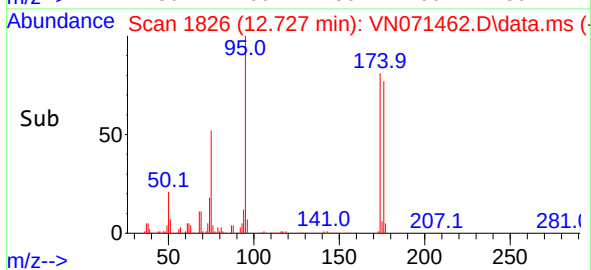
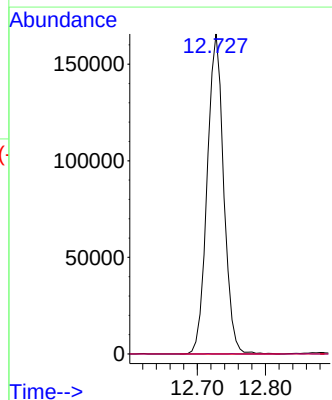
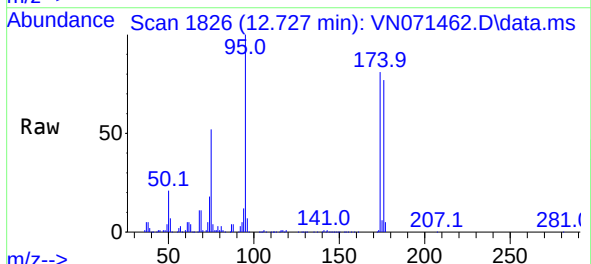


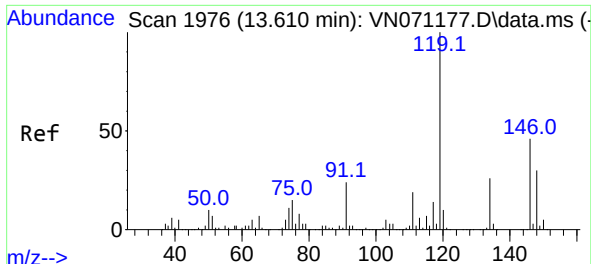
Tgt Ion:105 Resp: 6160  
 Ion Ratio Lower Upper  
 105 100  
 120 52.5 24.6 73.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 76.021 ug/l  
 RT: 12.727 min Scan# 1826  
 Delta R.T. 0.106 min  
 Lab File: VN071462.D  
 Acq: 22 Mar 2022 12:55

Tgt Ion: 75 Resp: 278934  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 38.2 57.4#

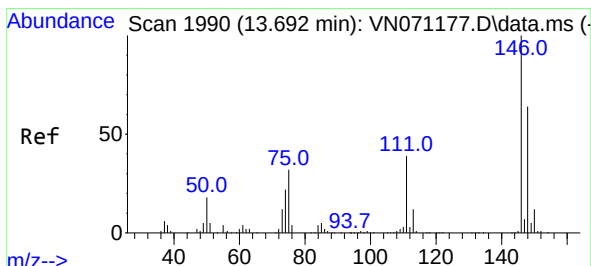
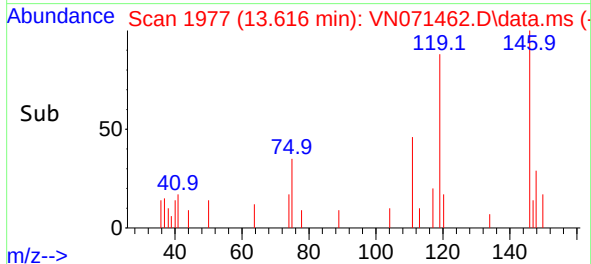
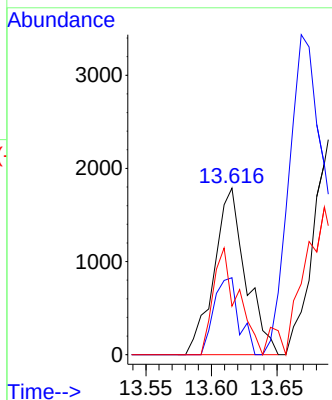
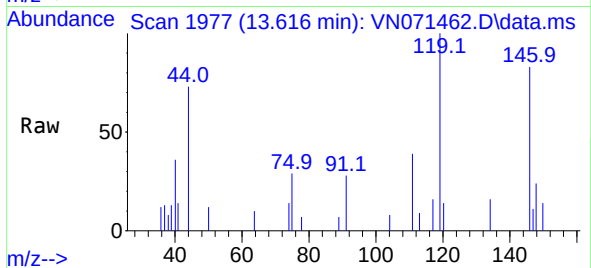




#87  
1,3-Dichlorobenzene  
Concen: 0.207 ug/l  
RT: 13.616 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

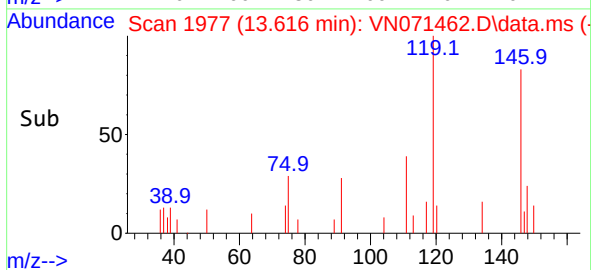
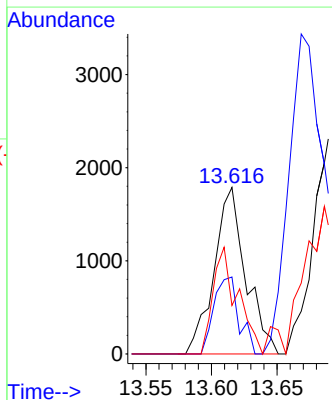
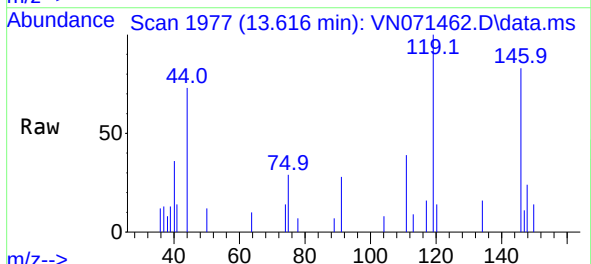
Instrument :  
MSVOA\_N  
ClientSampleId :

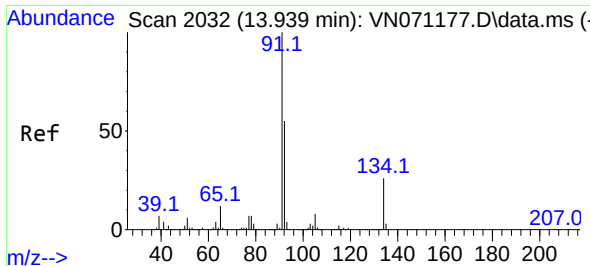
Tgt Ion:146 Resp: 3004  
Ion Ratio Lower Upper  
146 100  
111 36.4 18.6 55.6  
148 49.7 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 0.212 ug/l  
RT: 13.616 min Scan# 1977  
Delta R.T. -0.076 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion:146 Resp: 3004  
Ion Ratio Lower Upper  
146 100  
111 36.4 18.3 54.8  
148 49.7 31.8 95.4

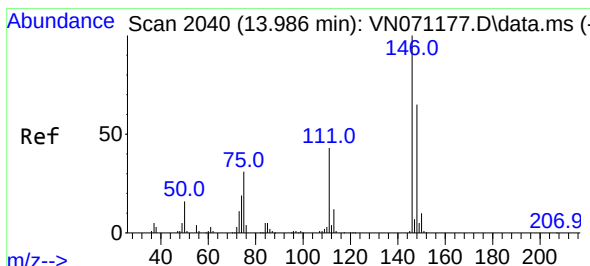
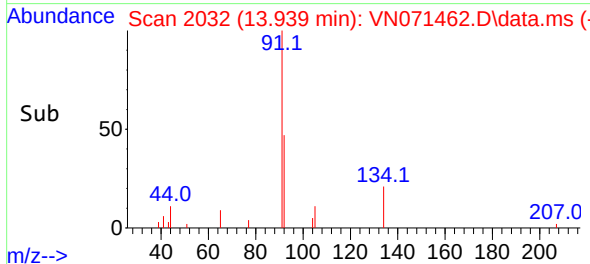
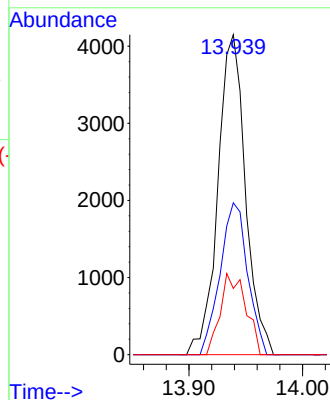
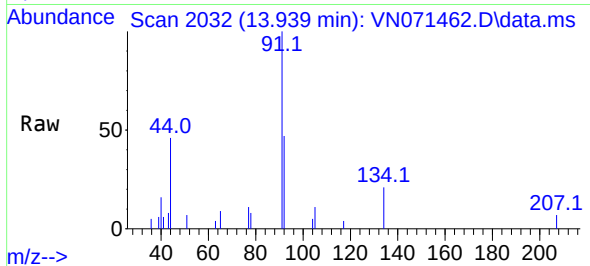




#89  
n-Butylbenzene  
Concen: 0.322 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

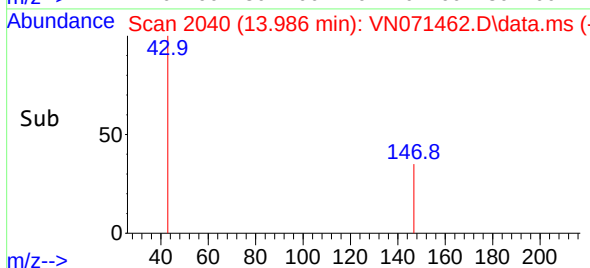
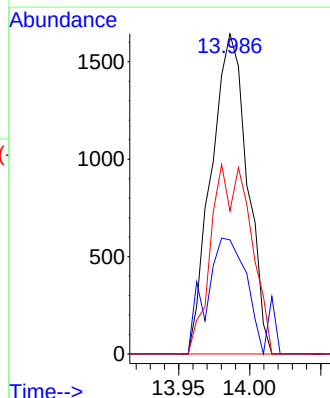
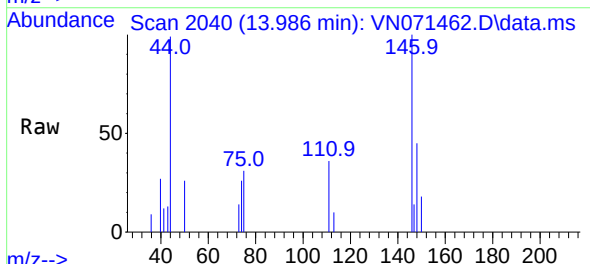
Instrument :  
MSVOA\_N  
ClientSampleId :

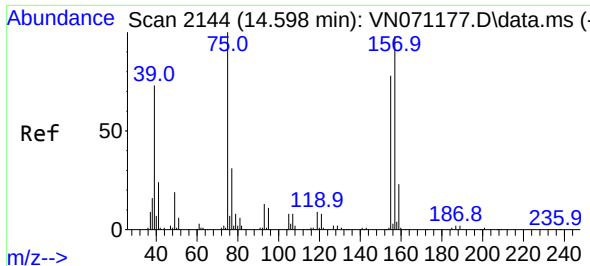
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 6993  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 47.4  | 25.4  | 76.0  |
| 134      | 23.3  | 13.6  | 40.8  |



#91  
1,2-Dichlorobenzene  
Concen: 0.209 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2906  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.7  | 19.1  | 57.3  |
| 148      | 65.0  | 32.1  | 96.3  |

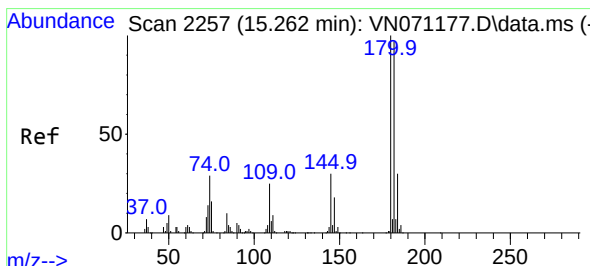
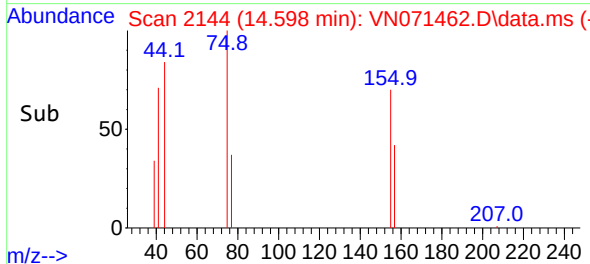
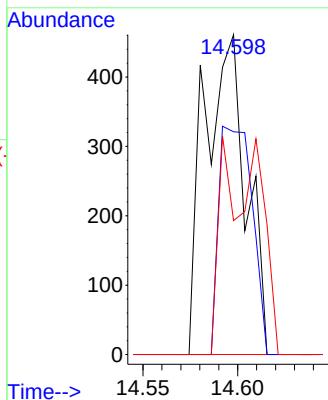
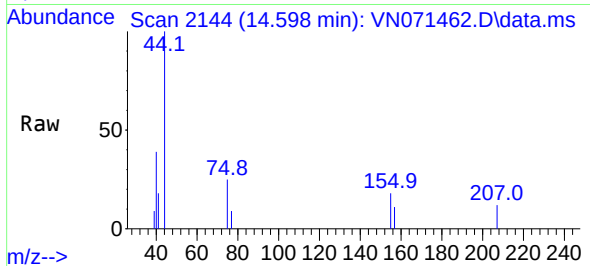




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.317 ug/l  
 RT: 14.598 min Scan# 2144  
 Delta R.T. 0.000 min  
 Lab File: VN071462.D  
 Acq: 22 Mar 2022 12:55

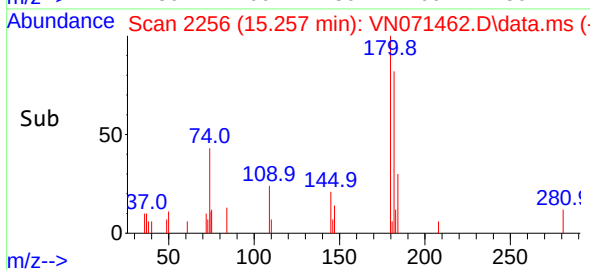
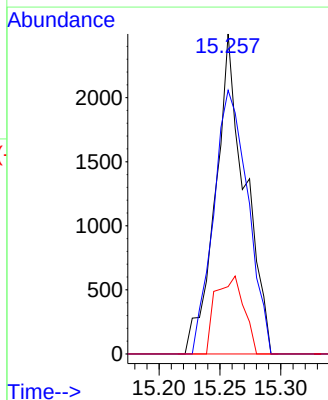
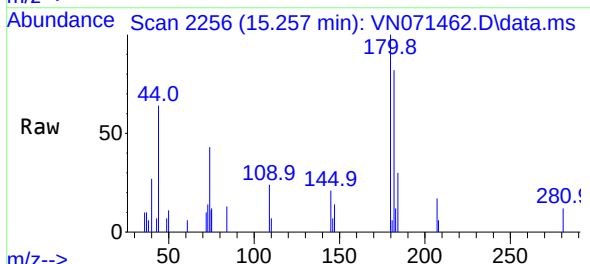
Instrument :  
 MSVOA\_N  
 ClientSampleId :

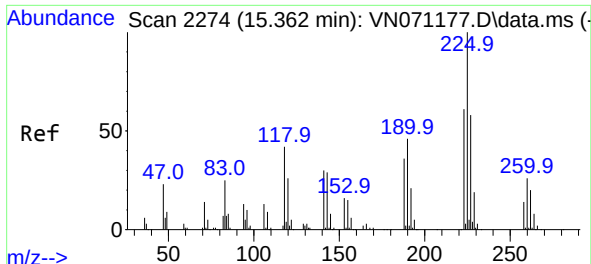
Tgt Ion: 75 Resp: 706  
 Ion Ratio Lower Upper  
 75 100  
 155 56.9 46.9 140.7  
 157 60.6 60.6 181.7



#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.602 ug/l  
 RT: 15.257 min Scan# 2256  
 Delta R.T. -0.005 min  
 Lab File: VN071462.D  
 Acq: 22 Mar 2022 12:55

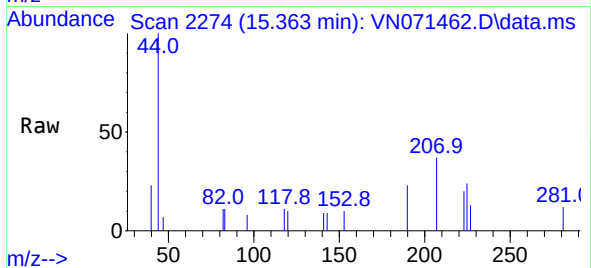
Tgt Ion: 180 Resp: 4236  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 48.3 144.9  
 145 23.0 14.5 43.5



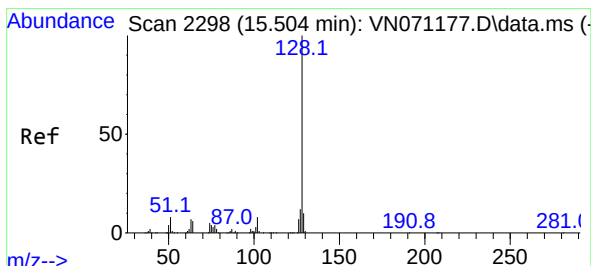
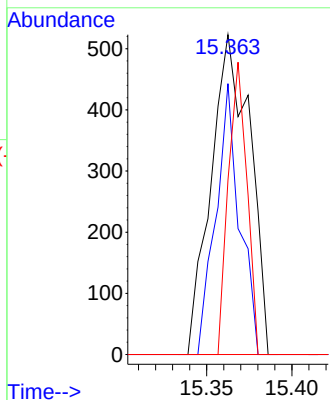
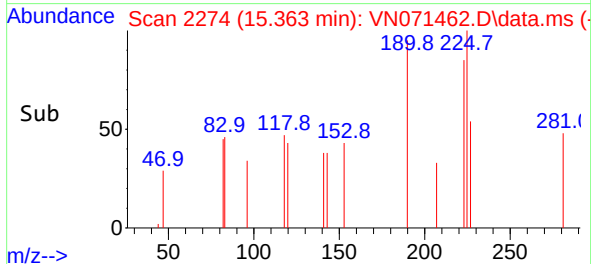


#94  
Hexachlorobutadiene  
Concen: 0.212 ug/l  
RT: 15.363 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

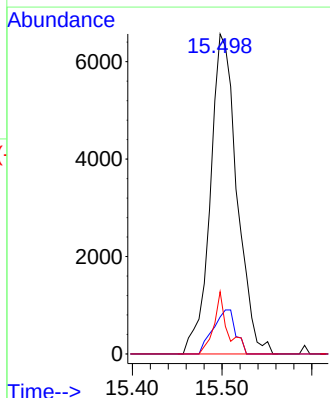
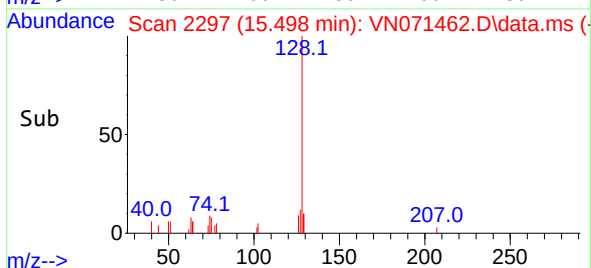
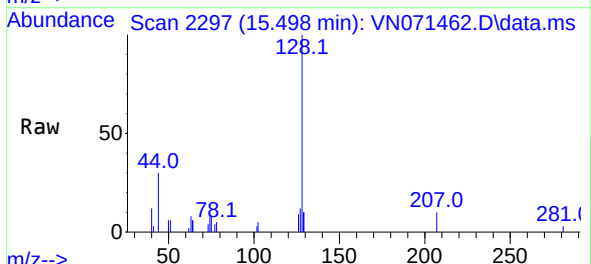


Tgt Ion:225 Resp: 830  
Ion Ratio Lower Upper  
225 100  
223 51.7 31.9 95.7  
227 43.5 32.1 96.3

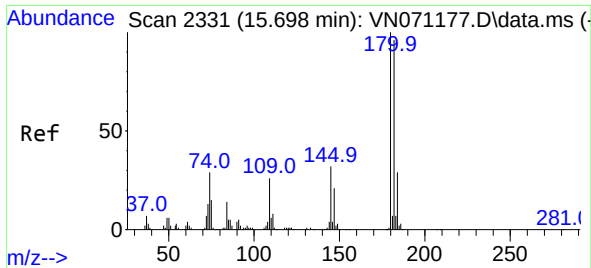


#95  
Naphthalene  
Concen: 5.737 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.006 min  
Lab File: VN071462.D  
Acq: 22 Mar 2022 12:55

Tgt Ion:128 Resp: 13552  
Ion Ratio Lower Upper  
128 100  
127 11.7 10.5 15.7  
129 10.1 8.7 13.1

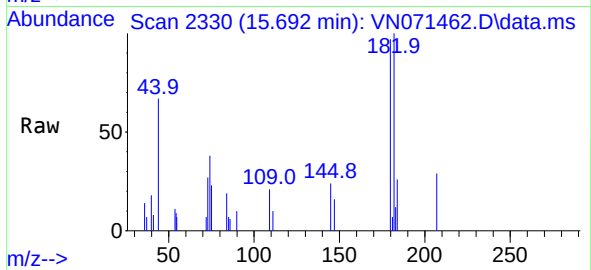






#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.446 ug/l  
 RT: 15.692 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN071462.D  
 Acq: 22 Mar 2022 12:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 4704  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 87.6  | 47.4  | 142.2 |
| 145      | 30.2  | 15.0  | 45.1  |

