

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032222\  
 Data File : VN071479.D  
 Acq On : 22 Mar 2022 20:10  
 Operator : JC\MD  
 Sample : N1962-14  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 23 07:11:13 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  | 734166   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 1262366  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 1226798  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 474323   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 486454   | 48.346   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 96.700%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 370134   | 46.464   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 92.920%  |
| 50) Toluene-d8              | 10.439 | 98    | 1597162  | 49.797   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 99.600%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 609482   | 56.117   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 112.240% |

|                               |        |     |        |             |   |     |
|-------------------------------|--------|-----|--------|-------------|---|-----|
| Target Compounds              |        |     | Qvalue |             |   |     |
| 3) Chloromethane              | 2.293  | 50  | 4332   | 0.367 ug/l  | # | 84  |
| 5) Bromomethane               | 2.846  | 94  | 872    | Below Cal   |   | 81  |
| 8) Diethyl Ether              | 3.828  | 74  | 10904  | 1.963 ug/l  |   | 82  |
| 11) Tert butyl alcohol        | 5.357  | 59  | 1216   | 0.615 ug/l  | # | 71  |
| 13) Acrolein                  | 4.040  | 56  | 545    | 0.260 ug/l  | # | 80  |
| 16) Acetone                   | 4.287  | 43  | 69750  | 14.247 ug/l |   | 93  |
| 17) Carbon Disulfide          | 4.540  | 76  | 8006   | 0.382 ug/l  |   | 98  |
| 18) Methyl Acetate            | 4.851  | 43  | 14280  | 1.546 ug/l  |   | 93  |
| 20) Methylene Chloride        | 5.093  | 84  | 20012  | 2.601 ug/l  |   | 95  |
| 25) 2-Butanone                | 7.334  | 43  | 24406  | 3.095 ug/l  | # | 81  |
| 31) Cyclohexane               | 8.081  | 56  | 23257  | 1.447 ug/l  | # | 36  |
| 36) 1,1-Dichloropropene       | 8.081  | 75  | 58824  | 4.609 ug/l  | # | 50  |
| 38) Carbon Tetrachloride      | 8.081  | 117 | 74028  | 5.996 ug/l  | # | 16  |
| 39) Methylcyclohexane         | 9.457  | 83  | 15957  | 1.063 ug/l  |   | 96  |
| 40) Benzene                   | 8.451  | 78  | 9267   | 0.241 ug/l  |   | 93  |
| 43) Isopropyl Acetate         | 8.557  | 43  | 93195  | 3.548 ug/l  | # | 83  |
| 48) Methyl methacrylate       | 9.539  | 41  | 23518  | 1.932 ug/l  | # | 8   |
| 49) 1,4-Dioxane               | 9.616  | 88  | 712    | 3.365 ug/l  | # | 1   |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43  | 11507  | 0.706 ug/l  | # | 81  |
| 52) Toluene                   | 10.504 | 92  | 29316  | 1.238 ug/l  |   | 98  |
| 54) cis-1,3-Dichloropropene   | 10.239 | 75  | 96379  | 6.232 ug/l  | # | 63  |
| 55) 1,1,2-Trichloroethane     | 10.874 | 97  | 3191   | 0.336 ug/l  | # | 21  |
| 57) 1,3-Dichloropropane       | 11.086 | 76  | 60019  | 3.524 ug/l  | # | 43  |
| 59) 2-Hexanone                | 11.086 | 43  | 981138 | 88.210 ug/l | # | 50  |
| 67) Ethyl Benzene             | 11.839 | 91  | 83897  | 1.801 ug/l  |   | 99  |
| 68) m/p-Xylenes               | 11.951 | 106 | 77664  | 4.557 ug/l  |   | 97  |
| 69) o-Xylene                  | 12.280 | 106 | 93744  | 5.488 ug/l  |   | 100 |
| 70) Styrene                   | 12.280 | 104 | 5438   | 0.206 ug/l  | # | 1   |
| 71) Bromoform                 | 12.727 | 173 | 3578   | 0.488 ug/l  | # | 1   |
| 73) Isopropylbenzene          | 12.574 | 105 | 55723  | 1.219 ug/l  |   | 97  |
| 74) N-amyl acetate            | 12.351 | 43  | 16199  | 0.942 ug/l  | # | 52  |
| 75) 1,1,2,2-Tetrachloroethane | 12.810 | 83  | 68     | Below Cal   | # | 1   |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75  | 314902 | 26.040 ug/l | # | 1   |
| 78) n-propylbenzene           | 12.916 | 91  | 64272  | 1.310 ug/l  |   | 97  |
| 79) 2-Chlorotoluene           | 12.980 | 91  | 12994  | 0.413 ug/l  | # | 42  |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105 | 106306 | 2.988 ug/l  |   | 97  |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 23 07:11:13 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

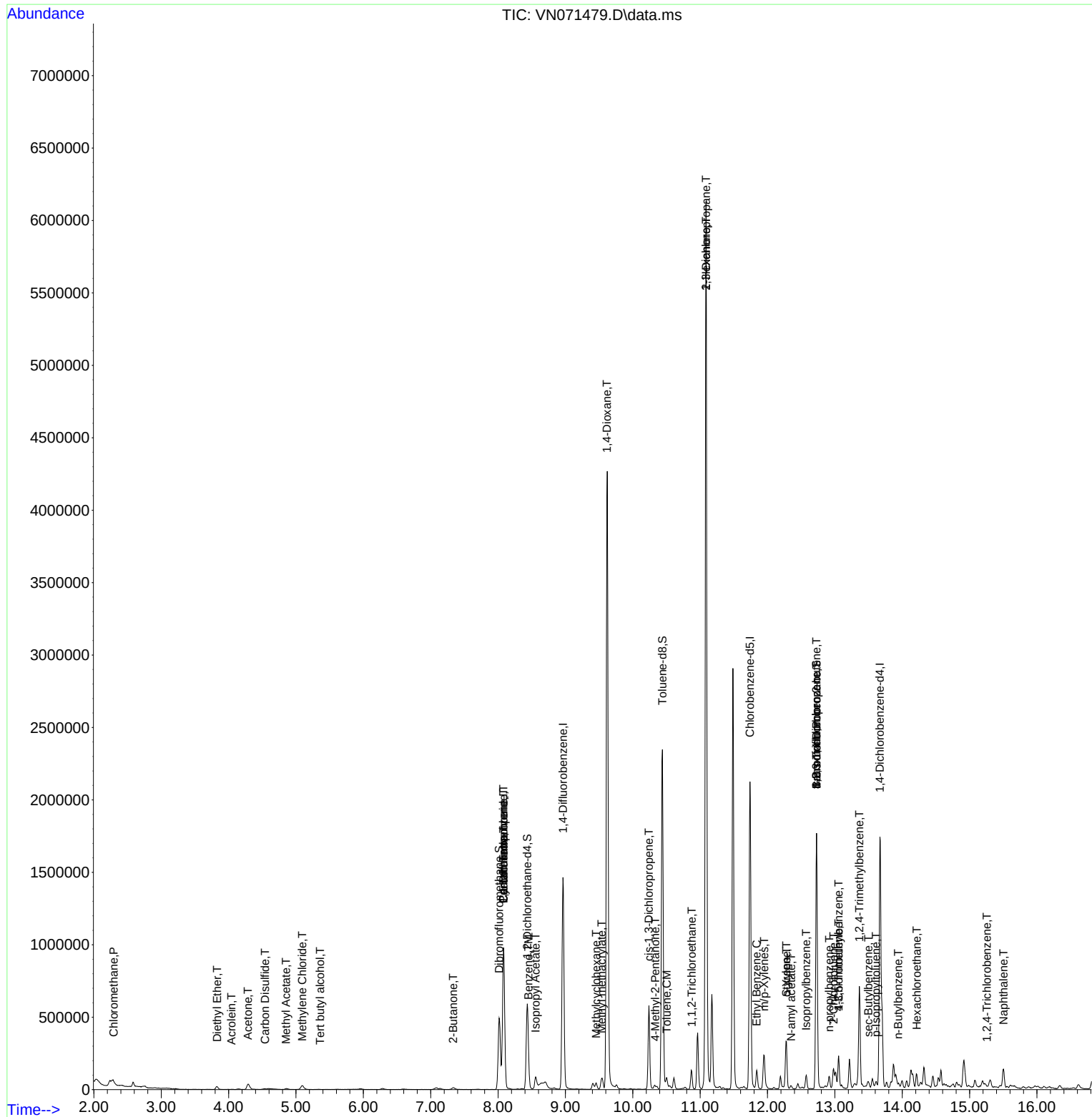
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75   | 314902   | 71.767 | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 13.057 | 91   | 11866    | 0.423  | ug/l # | 38       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 385914   | 11.326 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 20536    | 0.487  | ug/l # | 74       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 16088    | 0.485  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.939 | 91   | 8034     | 0.310  | ug/l # | 77       |
| 90) Hexachloroethane          | 14.215 | 117  | 4704     | 0.713  | ug/l # | 6        |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 68       | 2.997  | ug/l # | 76       |
| 95) Naphthalene               | 15.504 | 128  | 122398   | 10.126 | ug/l   | 99       |
| -----                         |        |      |          |        |        |          |

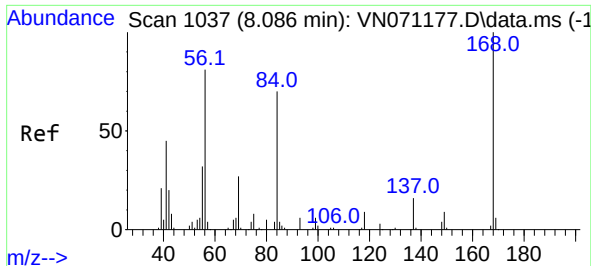
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

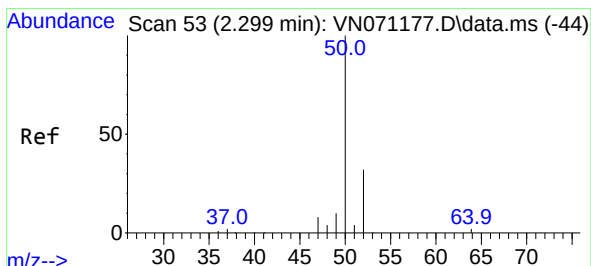
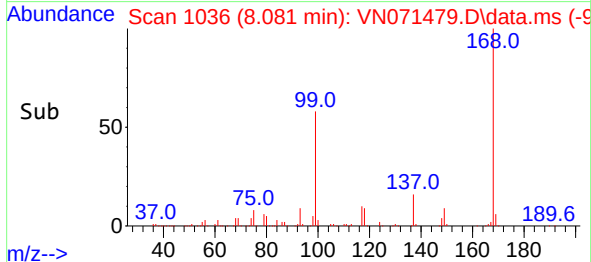
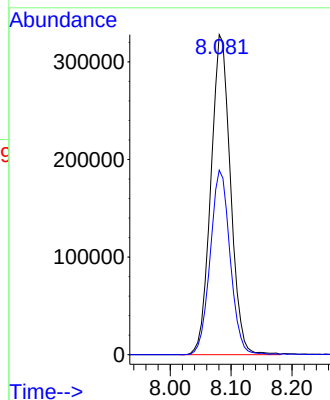
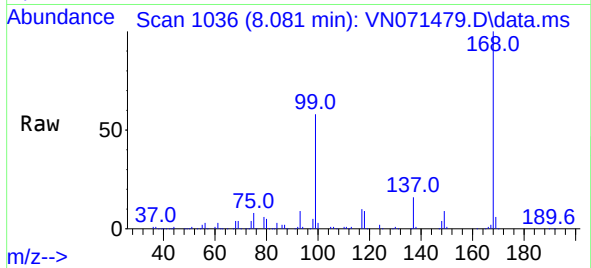




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

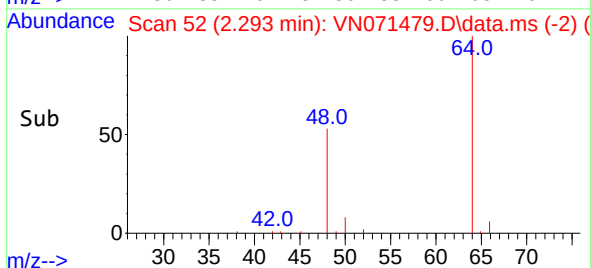
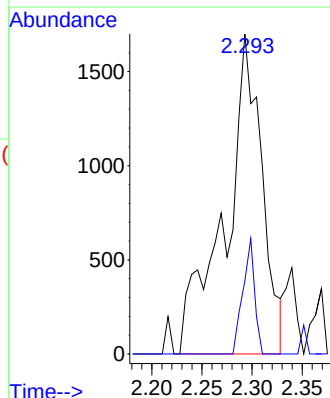
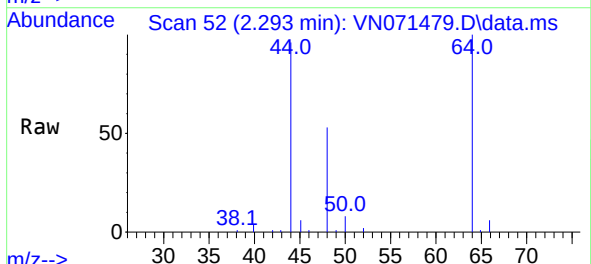
Instrument :  
MSVOA\_N  
ClientSampleId :

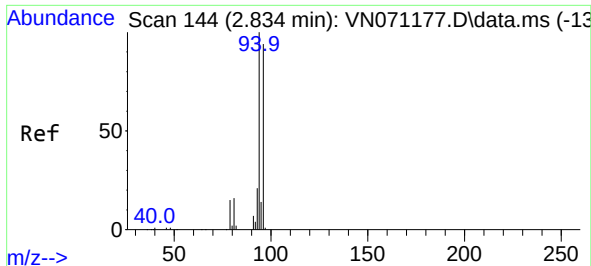
Tgt Ion:168 Resp: 734166  
Ion Ratio Lower Upper  
168 100  
99 57.7 41.3 61.9



#3  
Chloromethane  
Concen: 0.367 ug/l  
RT: 2.293 min Scan# 52  
Delta R.T. -0.006 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 50 Resp: 4332  
Ion Ratio Lower Upper  
50 100  
52 22.8 25.4 38.0#

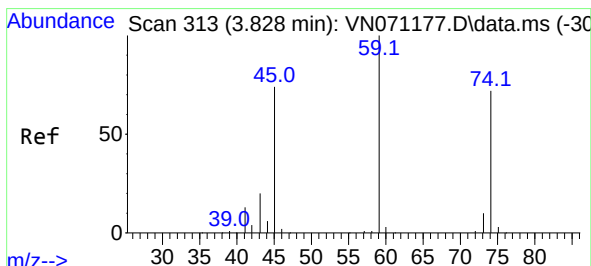
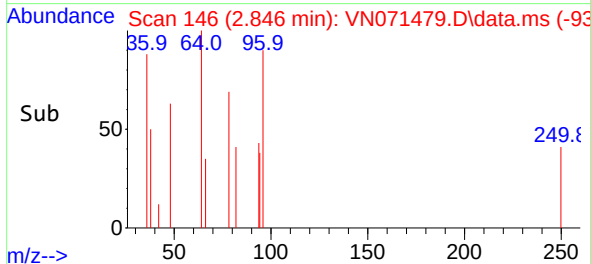
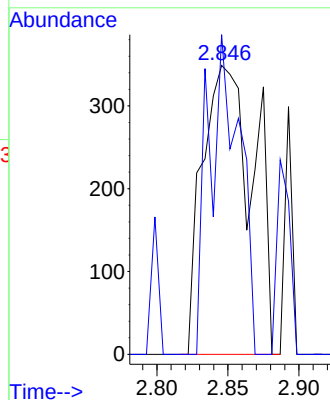
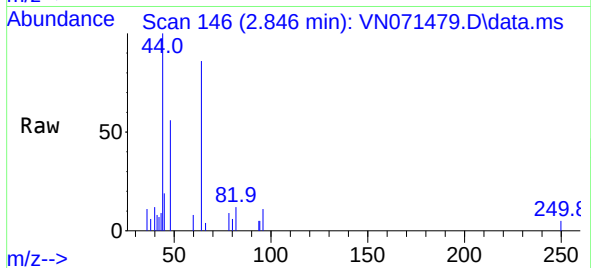




#5  
Bromomethane  
Concen: Below Cal  
RT: 2.846 min Scan# 144  
Delta R.T. 0.012 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

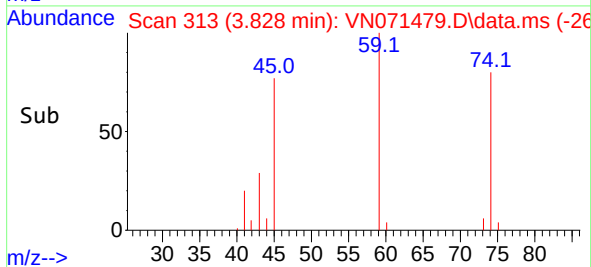
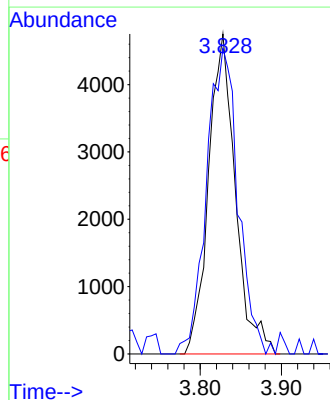
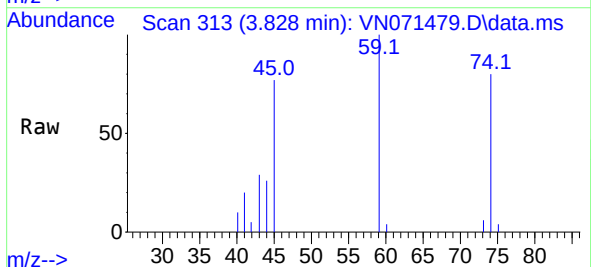
Instrument :  
MSVOA\_N  
ClientSampleId :

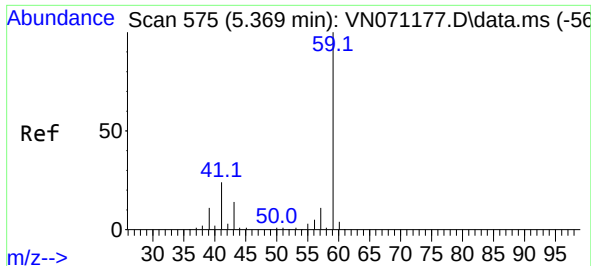
Tgt Ion: 94 Resp: 872  
Ion Ratio Lower Upper  
94 100  
96 110.6 73.8 110.8



#8  
Diethyl Ether  
Concen: 1.963 ug/l  
RT: 3.828 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

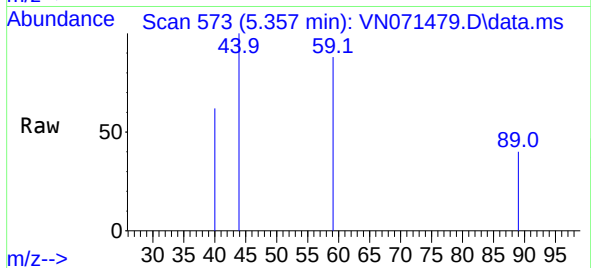
Tgt Ion: 74 Resp: 10904  
Ion Ratio Lower Upper  
74 100  
45 111.7 47.0 141.2



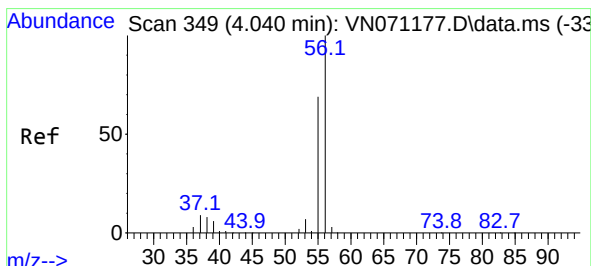
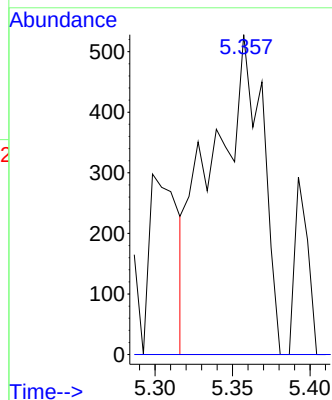
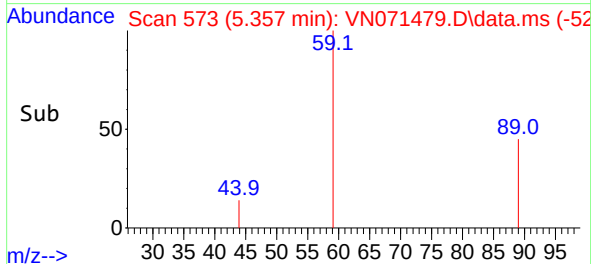


#11  
Tert butyl alcohol  
Concen: 0.615 ug/l  
RT: 5.357 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Instrument :  
MSVOA\_N  
ClientSampleId :

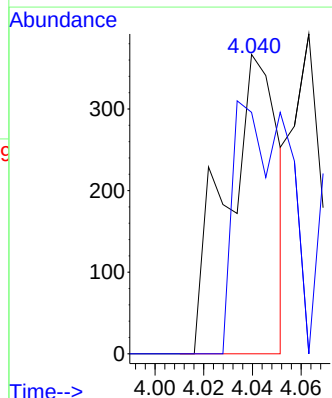
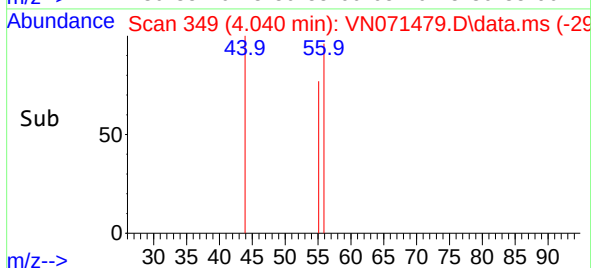
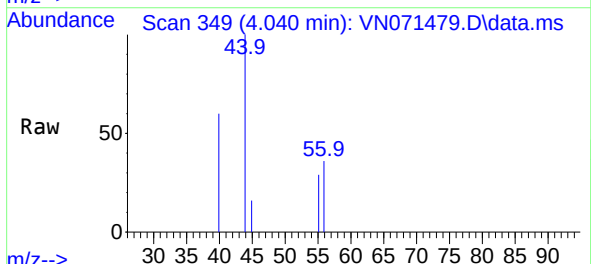


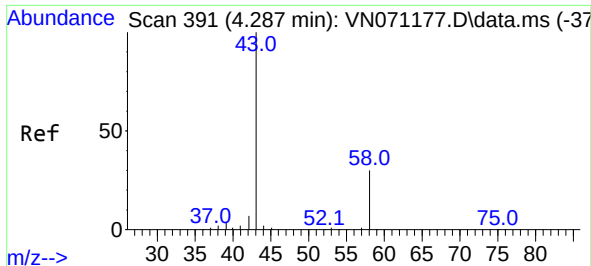
Tgt Ion: 59 Resp: 1216  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#



#13  
Acrolein  
Concen: 0.260 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 56 Resp: 545  
Ion Ratio Lower Upper  
56 100  
55 87.7 56.6 85.0#

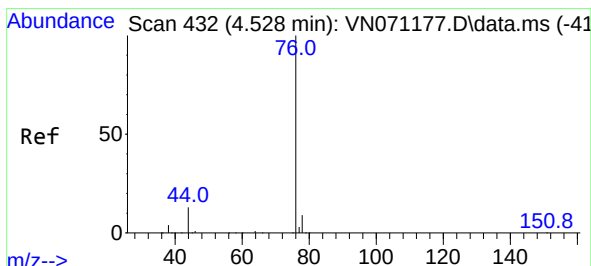
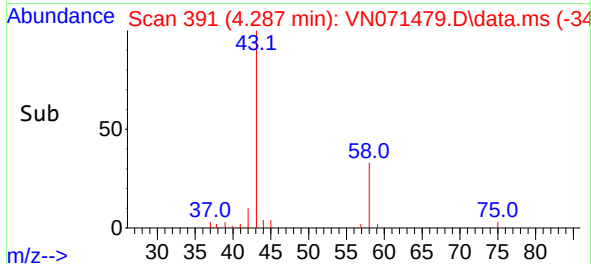
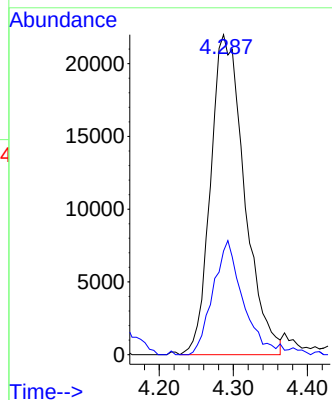
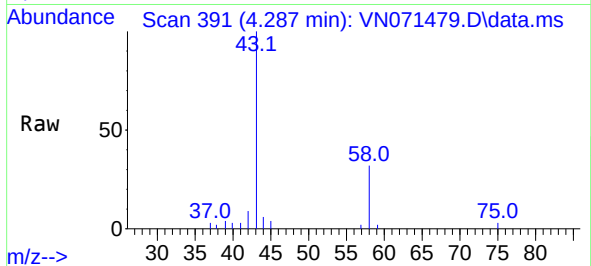




#16  
Acetone  
Concen: 14.247 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

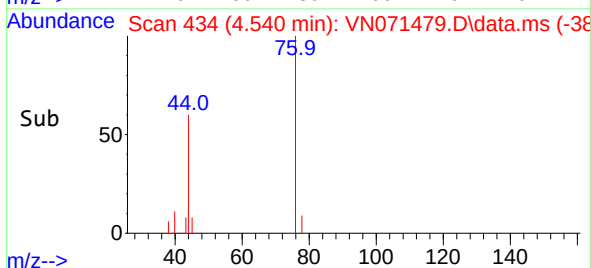
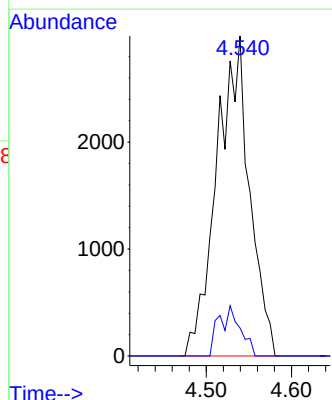
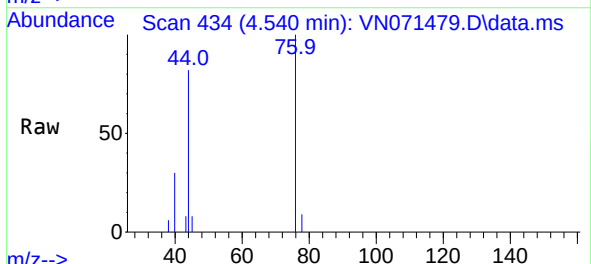
Instrument :  
MSVOA\_N  
ClientSampleId :

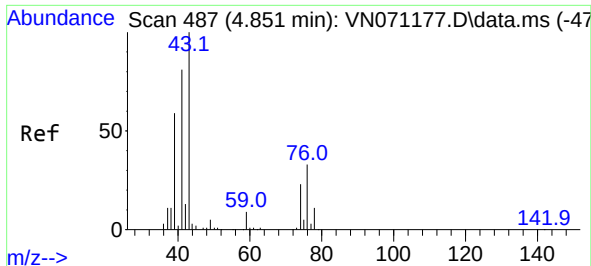
Tgt Ion: 43 Resp: 69750  
Ion Ratio Lower Upper  
43 100  
58 32.4 23.1 34.7



#17  
Carbon Disulfide  
Concen: 0.382 ug/l  
RT: 4.540 min Scan# 434  
Delta R.T. 0.012 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

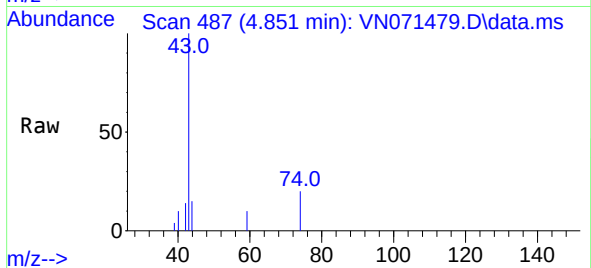
Tgt Ion: 76 Resp: 8006  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.5 11.3



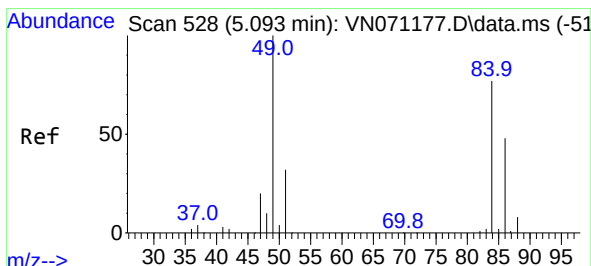
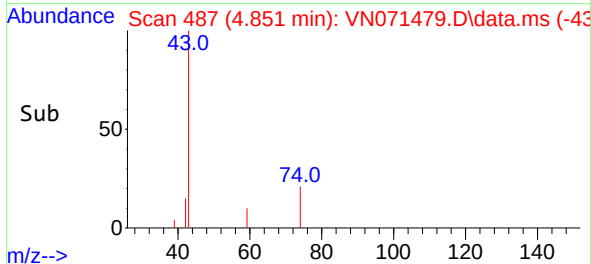
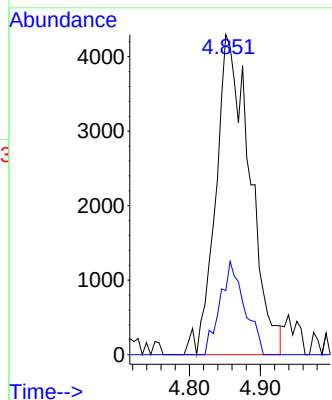


#18  
Methyl Acetate  
Concen: 1.546 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Instrument :  
MSVOA\_N  
ClientSampleId :

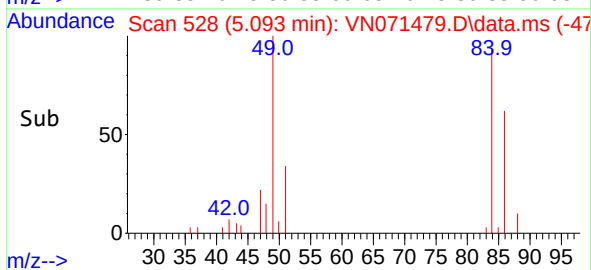
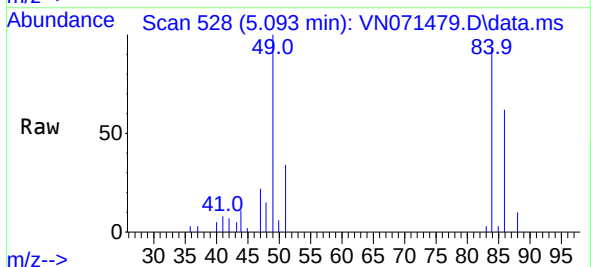
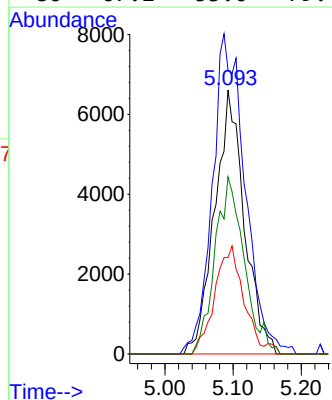


Tgt Ion: 43 Resp: 14280  
Ion Ratio Lower Upper  
43 100  
74 21.0 19.4 29.2

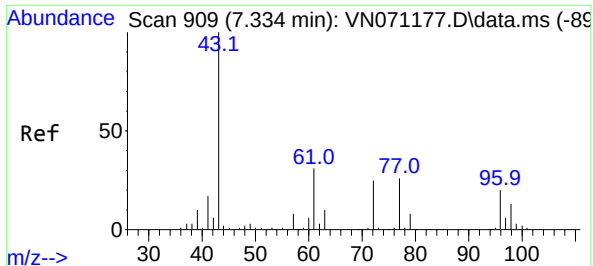


#20  
Methylene Chloride  
Concen: 2.601 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 84 Resp: 20012  
Ion Ratio Lower Upper  
84 100  
49 107.6 93.5 140.3  
51 36.6 29.4 44.2  
86 67.2 53.0 79.4



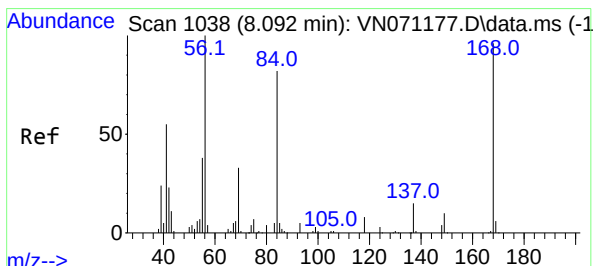
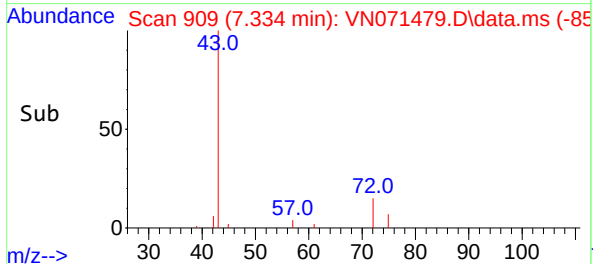
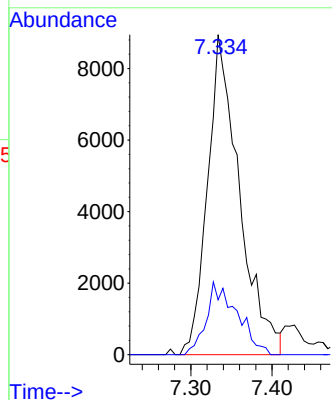
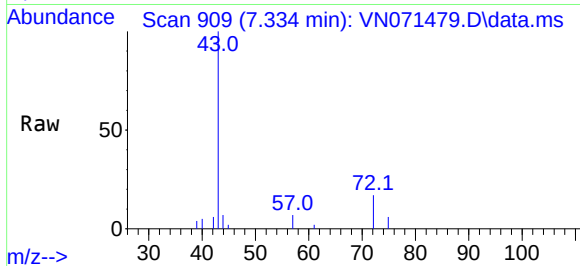




#25  
2-Butanone  
Concen: 3.095 ug/l  
RT: 7.334 min Scan# 909  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

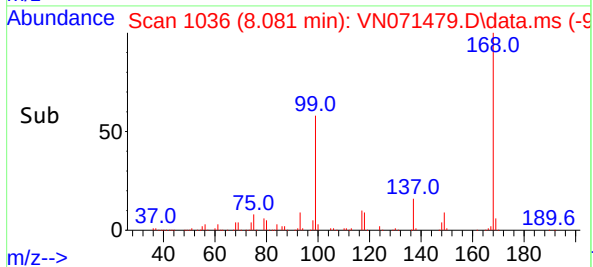
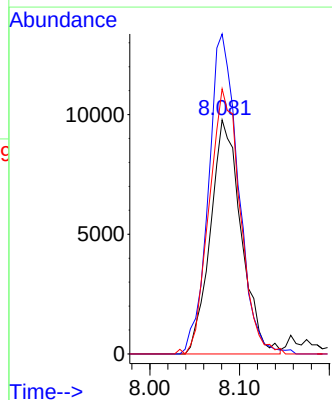
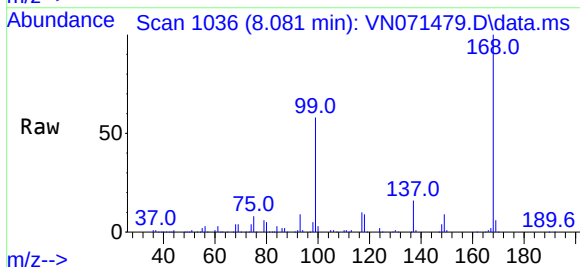
Instrument :  
MSVOA\_N  
ClientSampleId :

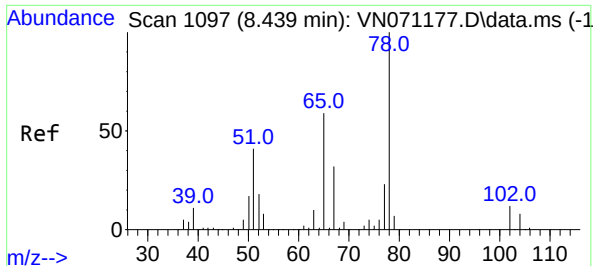
Tgt Ion: 43 Resp: 24406  
Ion Ratio Lower Upper  
43 100  
72 17.2 21.7 32.5#



#31  
Cyclohexane  
Concen: 1.447 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 56 Resp: 23257  
Ion Ratio Lower Upper  
56 100  
69 136.7 27.1 40.7#  
84 111.3 73.4 110.0#

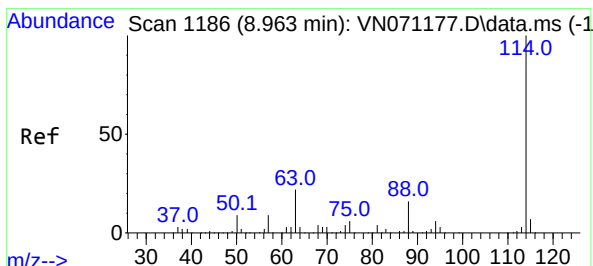
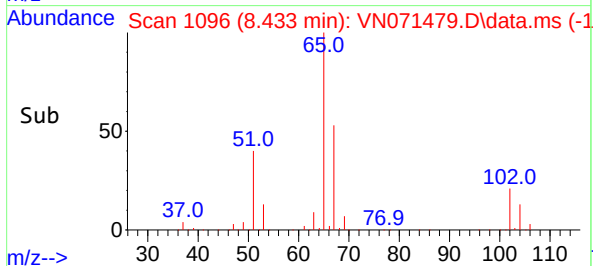
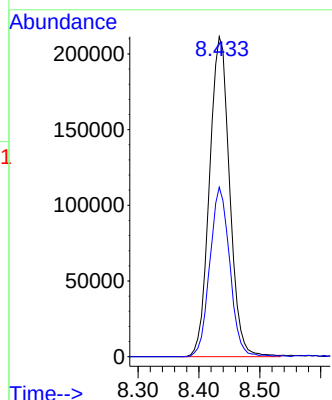
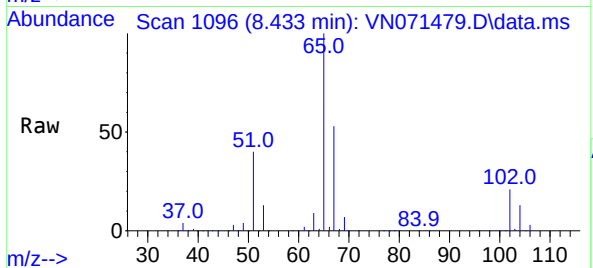




#33  
1,2-Dichloroethane-d4  
Concen: 48.346 ug/l  
RT: 8.433 min Scan# 1097  
Delta R.T. -0.006 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

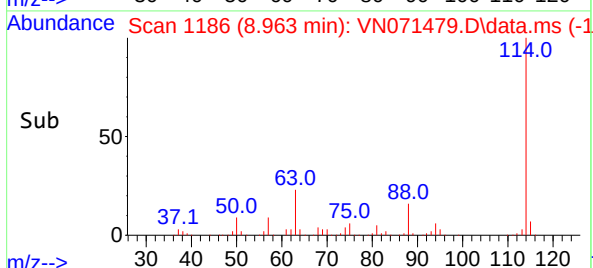
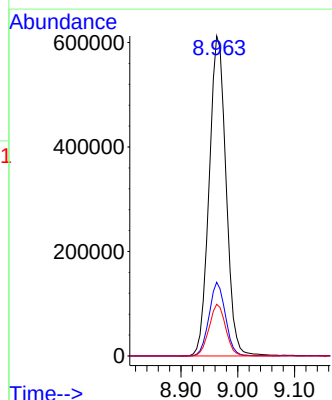
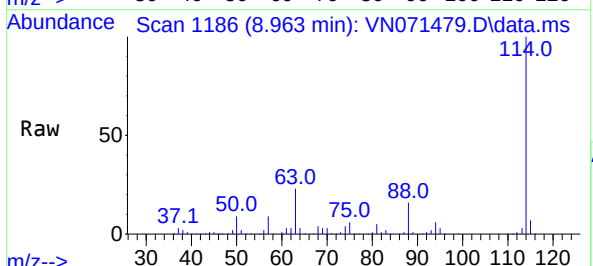
Instrument :  
MSVOA\_N  
ClientSampleId :

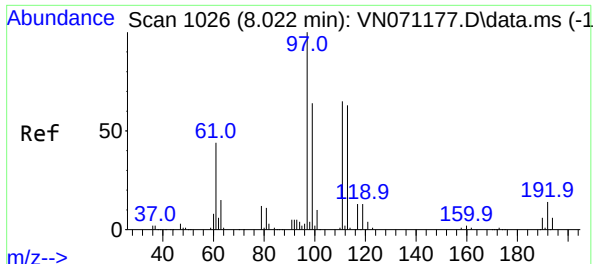
Tgt Ion: 65 Resp: 486454  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion:114 Resp: 1262366  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 37.8  
88 16.2 0.0 27.4

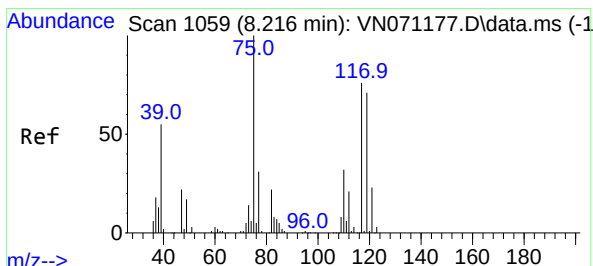
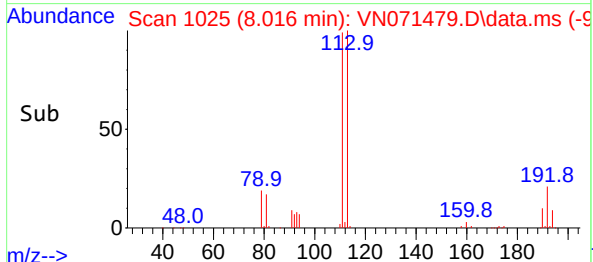
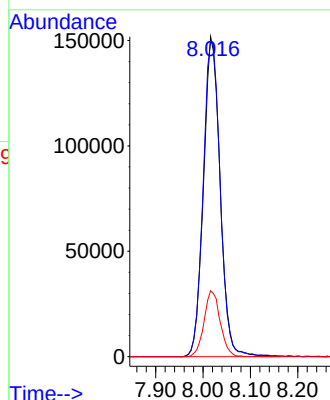
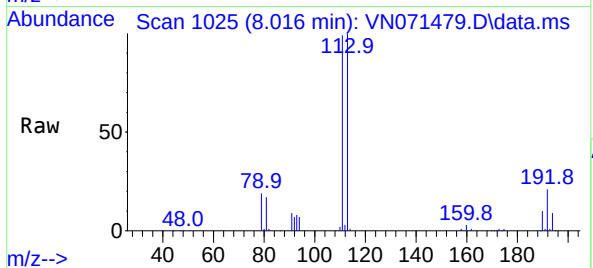




#35  
Dibromofluoromethane  
Concen: 46.464 ug/l  
RT: 8.016 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

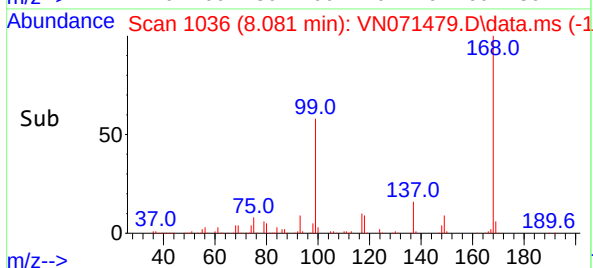
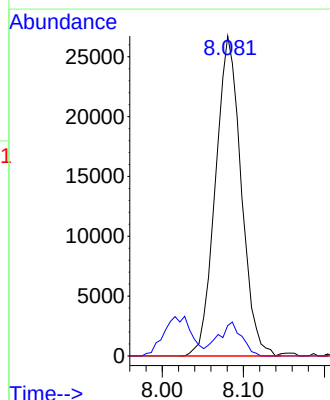
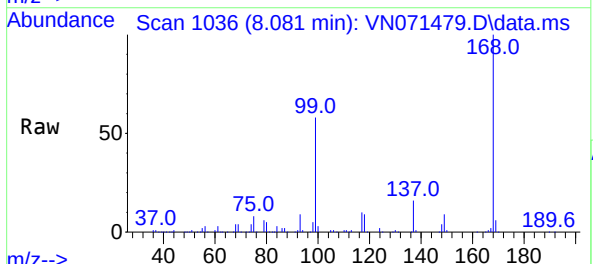
Instrument :  
MSVOA\_N  
ClientSampleId :

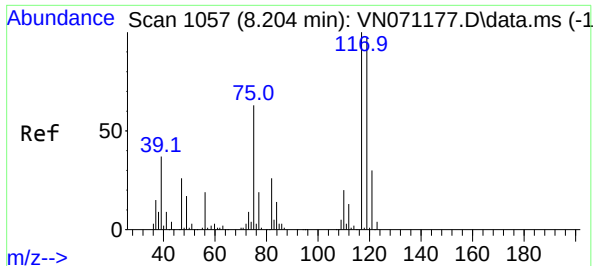
Tgt Ion:113 Resp: 370134  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.2 123.2  
192 20.0 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 4.609 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.135 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

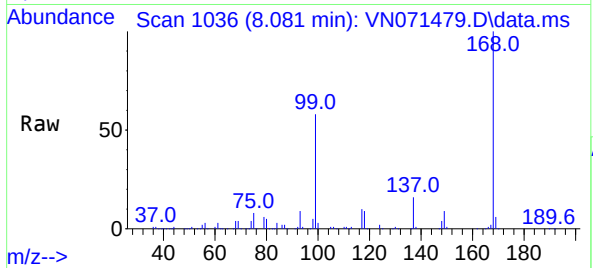
Tgt Ion: 75 Resp: 58824  
Ion Ratio Lower Upper  
75 100  
110 9.7 18.4 55.2#  
77 0.0 24.4 36.6#



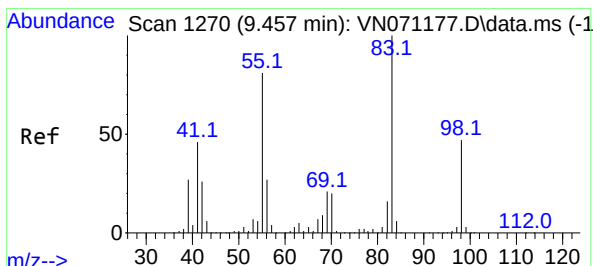
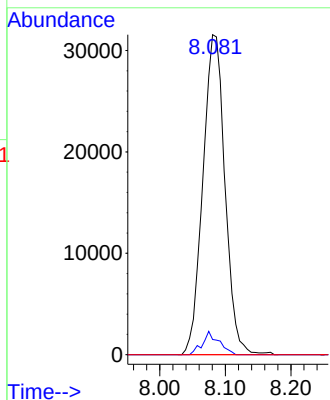
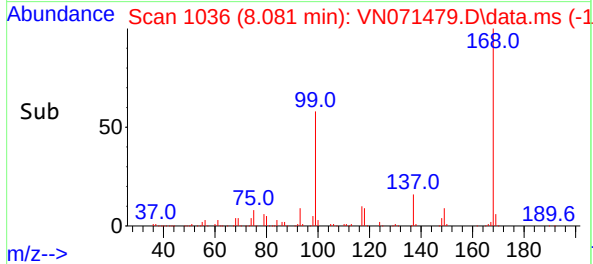


#38  
Carbon Tetrachloride  
Concen: 5.996 ug/l  
RT: 8.081 min Scan# 1057  
Delta R.T. -0.124 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Instrument :  
MSVOA\_N  
ClientSampleId :

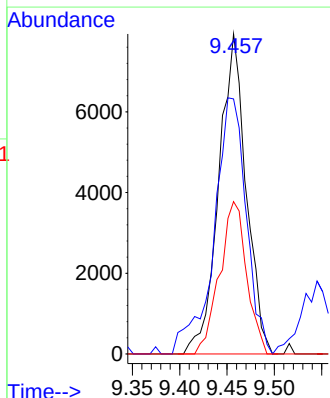
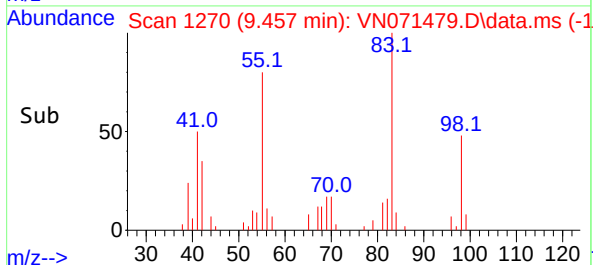
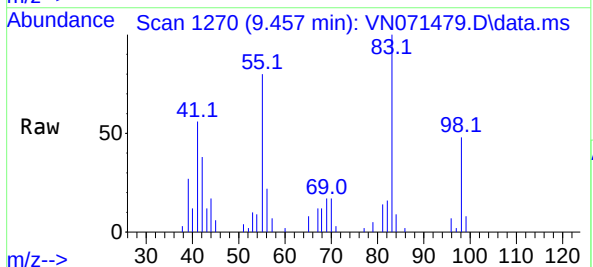


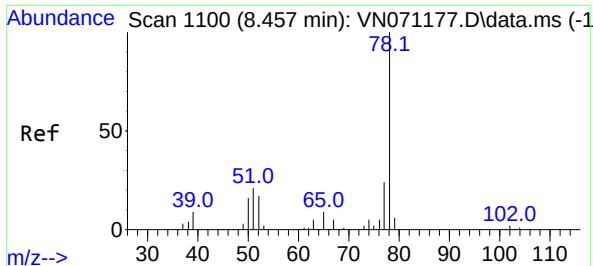
Tgt Ion:117 Resp: 74028  
Ion Ratio Lower Upper  
117 100  
119 4.8 76.1 114.1#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 1.063 ug/l  
RT: 9.457 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 83 Resp: 15957  
Ion Ratio Lower Upper  
83 100  
55 77.4 58.1 87.1  
98 47.6 38.4 57.6

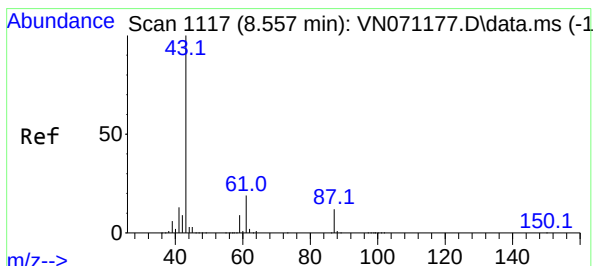
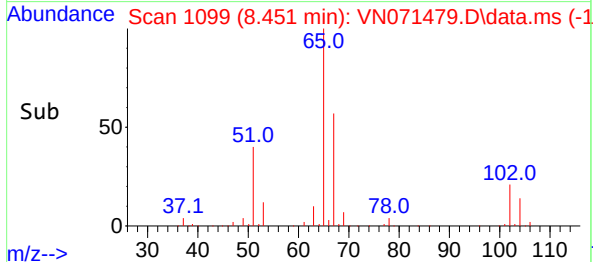
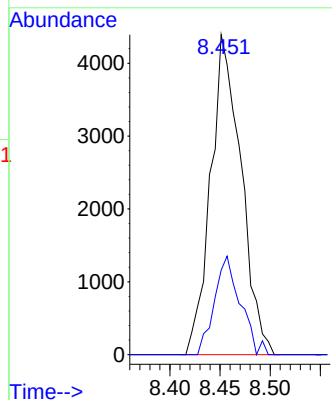
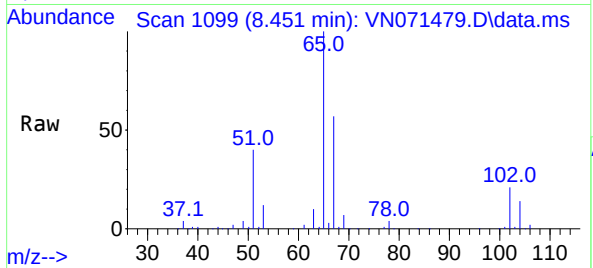




#40  
Benzene  
Concen: 0.241 ug/l  
RT: 8.451 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

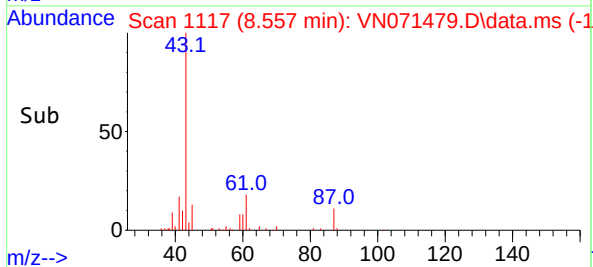
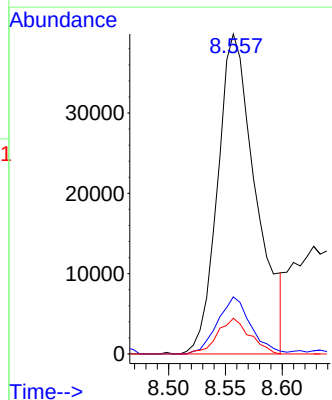
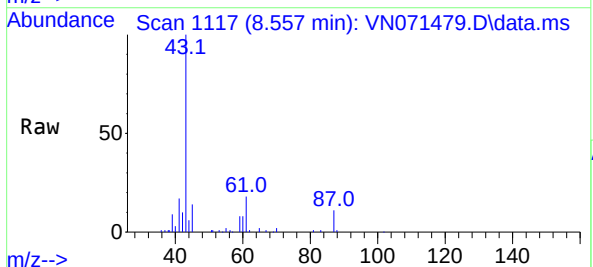
Instrument :  
MSVOA\_N  
ClientSampleId :

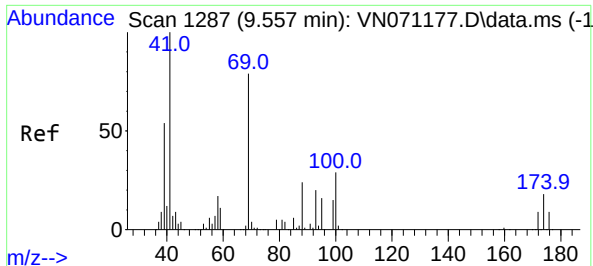
Tgt Ion: 78 Resp: 9267  
Ion Ratio Lower Upper  
78 100  
77 26.4 18.6 27.8



#43  
Isopropyl Acetate  
Concen: 3.548 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 43 Resp: 93195  
Ion Ratio Lower Upper  
43 100  
61 15.5 20.4 30.6#  
87 9.5 11.2 16.8#





#48

Methyl methacrylate

Concen: 1.932 ug/l

RT: 9.539 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN071479.D

Acq: 22 Mar 2022 20:10

Instrument :

MSVOA\_N

ClientSampleId :

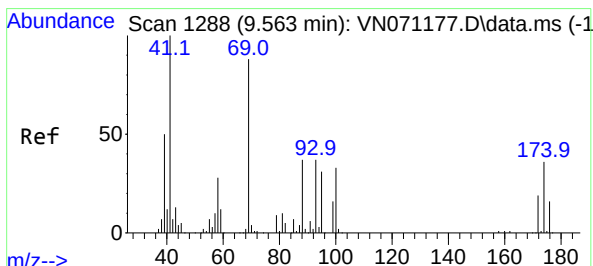
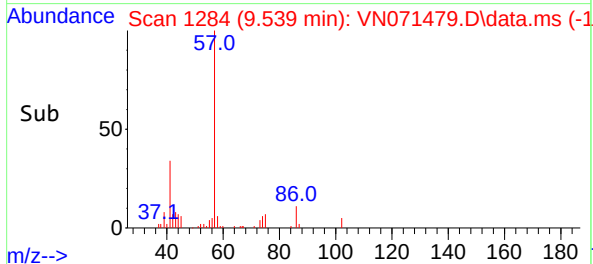
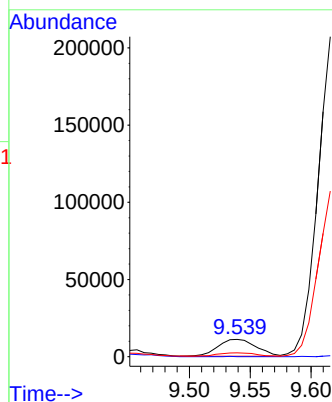
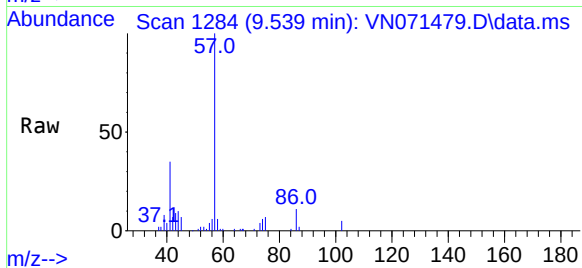
Tgt Ion: 41 Resp: 23518

Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 0.0 58.4 87.6#



#49

1,4-Dioxane

Concen: 3.365 ug/l

RT: 9.616 min Scan# 1297

Delta R.T. 0.053 min

Lab File: VN071479.D

Acq: 22 Mar 2022 20:10

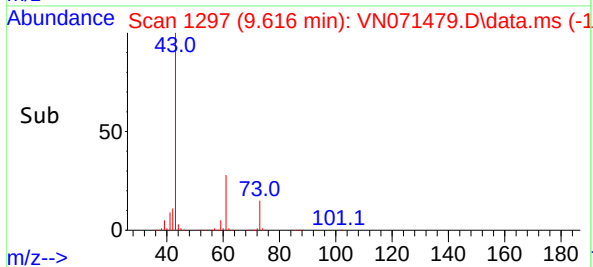
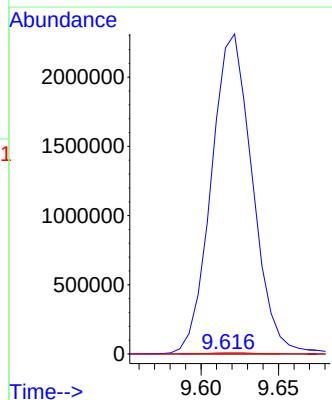
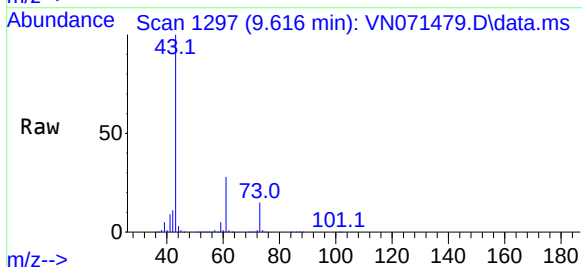
Tgt Ion: 88 Resp: 712

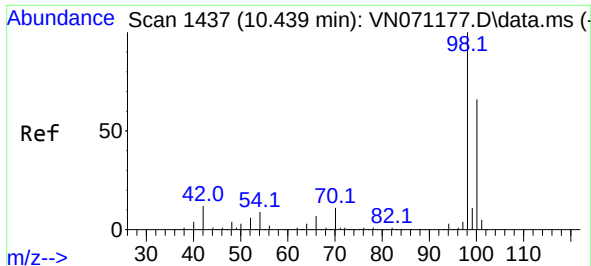
Ion Ratio Lower Upper

88 100

43 604265.6 23.4 35.2#

58 2495.6 50.6 75.8#

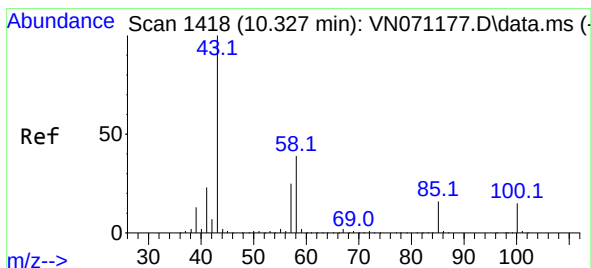
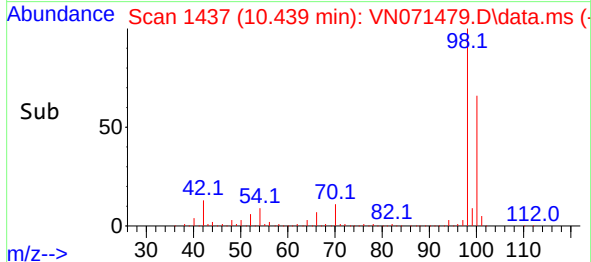
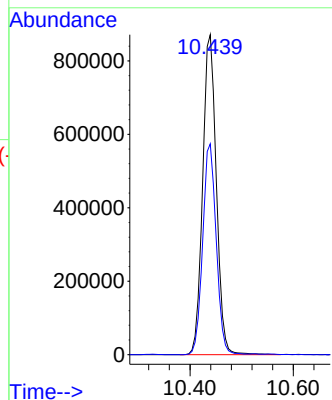
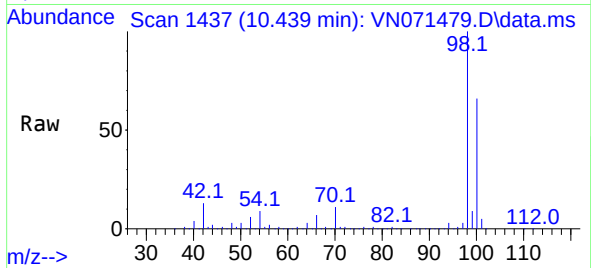




#50  
Toluene-d8  
Concen: 49.797 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

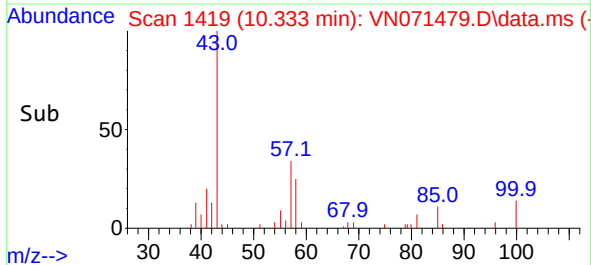
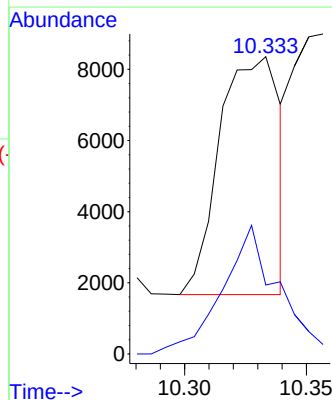
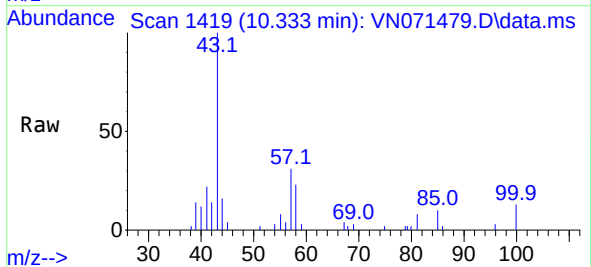
Instrument :  
MSVOA\_N  
ClientSampleId :

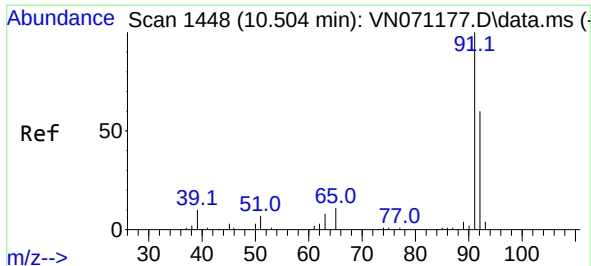
Tgt Ion: 98 Resp: 1597162  
Ion Ratio Lower Upper  
98 100  
100 65.3 50.4 75.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.706 ug/l  
RT: 10.333 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 43 Resp: 11507  
Ion Ratio Lower Upper  
43 100  
58 49.6 30.4 45.6#

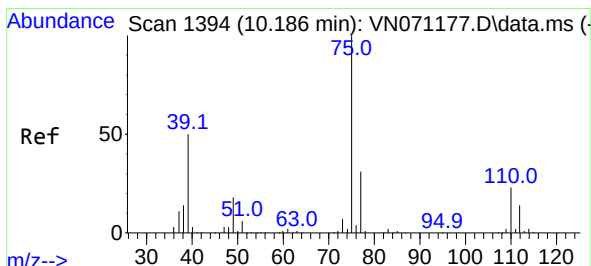
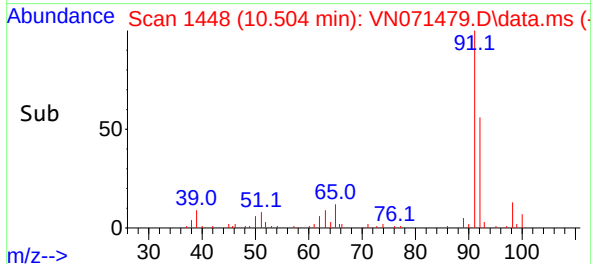
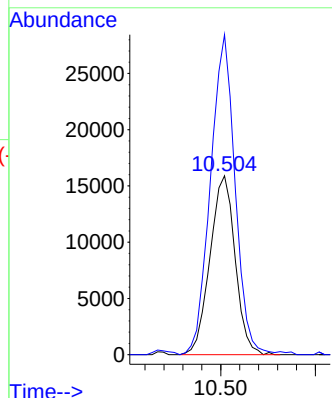
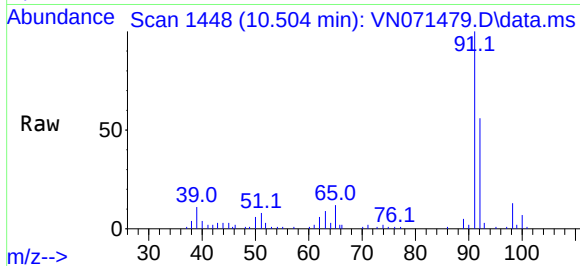




#52  
Toluene  
Concen: 1.238 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

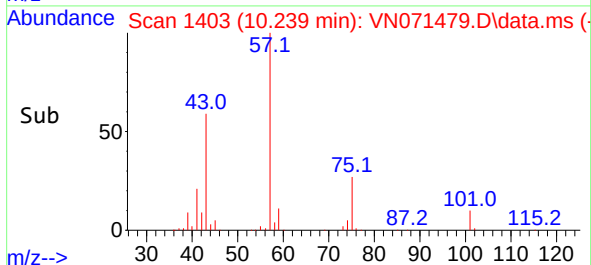
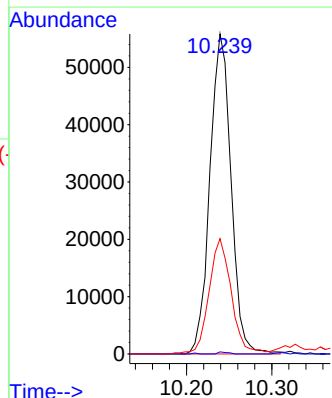
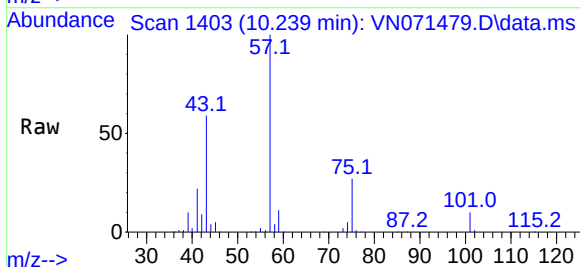
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 92 Resp: 29316  
Ion Ratio Lower Upper  
92 100  
91 174.9 142.0 213.0

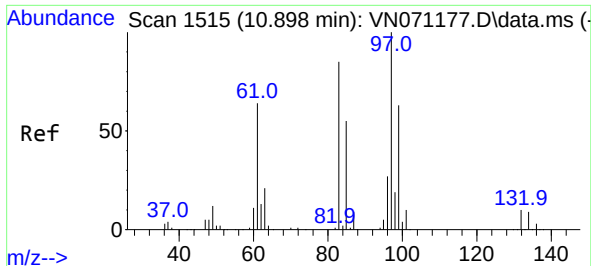


#54  
cis-1,3-Dichloropropene  
Concen: 6.232 ug/l  
RT: 10.239 min Scan# 1403  
Delta R.T. 0.053 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 75 Resp: 96379  
Ion Ratio Lower Upper  
75 100  
77 0.6 26.4 39.6#  
39 35.7 42.5 63.7#

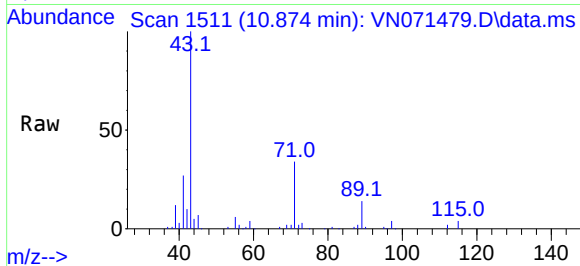




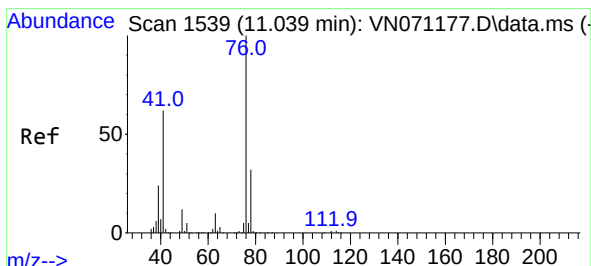
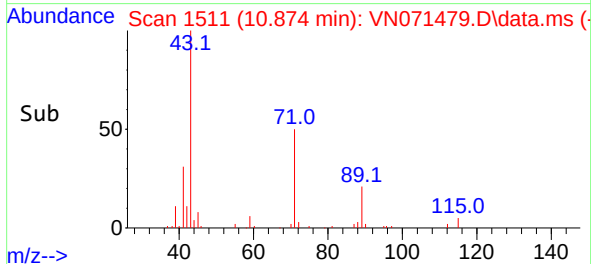
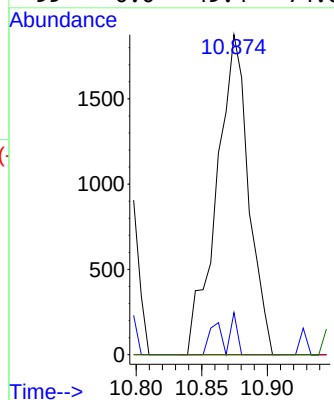


#55  
 1,1,2-Trichloroethane  
 Concen: 0.336 ug/l  
 RT: 10.874 min Scan# 1511  
 Delta R.T. -0.024 min  
 Lab File: VN071479.D  
 Acq: 22 Mar 2022 20:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :

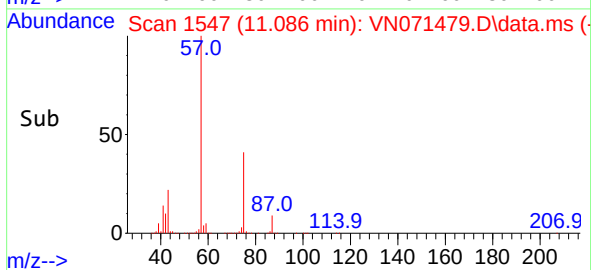
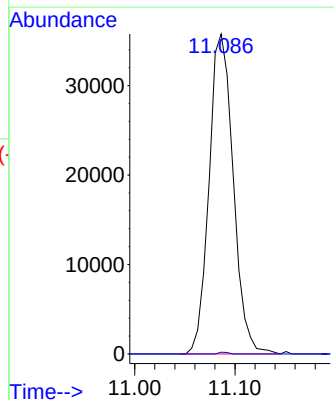
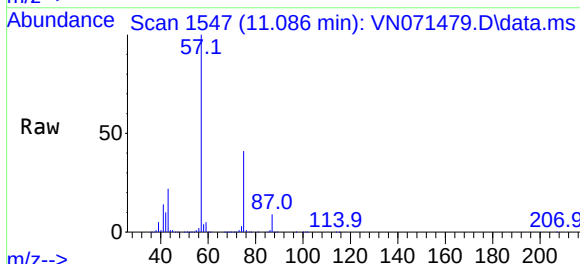


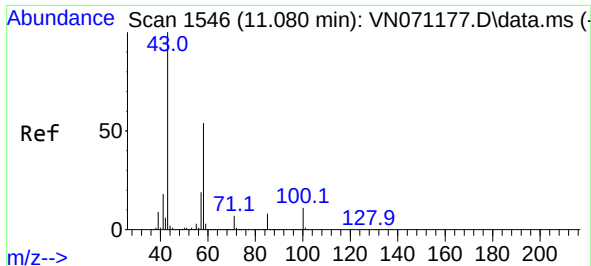
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 3191   |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 13.2  | 67.8  | 101.6# |
| 85       | 0.0   | 45.4  | 68.2#  |
| 99       | 0.0   | 49.4  | 74.0#  |



#57  
 1,3-Dichloropropane  
 Concen: 3.524 ug/l  
 RT: 11.086 min Scan# 1547  
 Delta R.T. 0.047 min  
 Lab File: VN071479.D  
 Acq: 22 Mar 2022 20:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 60019 |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 0.2   | 25.7  | 38.5# |

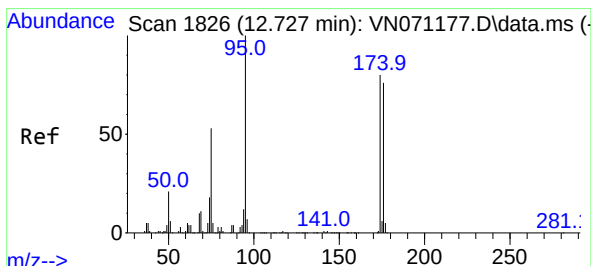
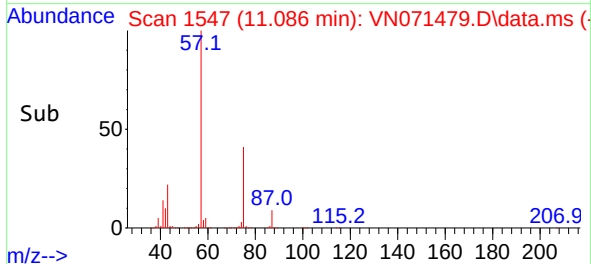
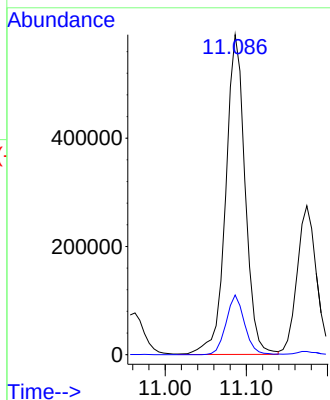
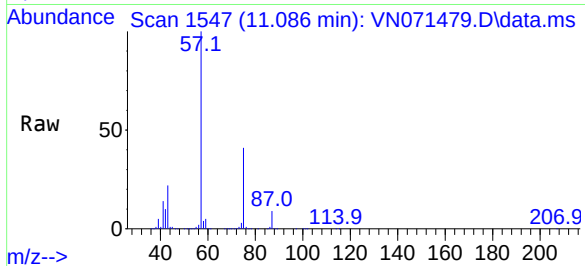




#59  
2-Hexanone  
Concen: 88.210 ug/l  
RT: 11.086 min Scan# 1154  
Delta R.T. 0.006 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

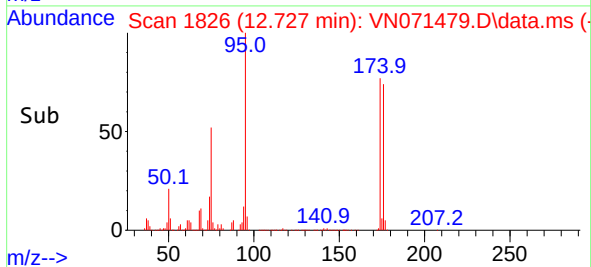
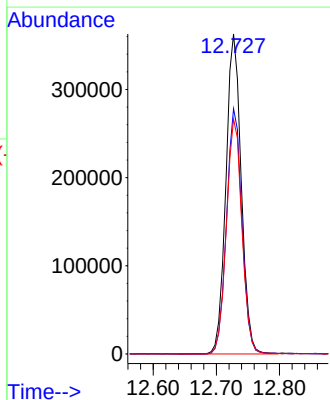
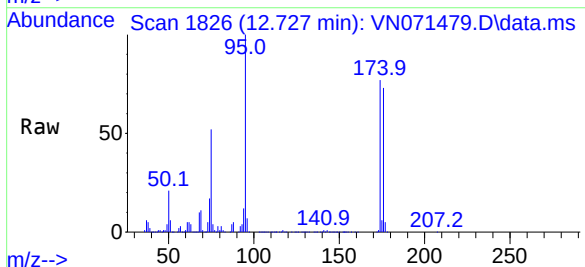
Instrument :  
MSVOA\_N  
ClientSampleId :

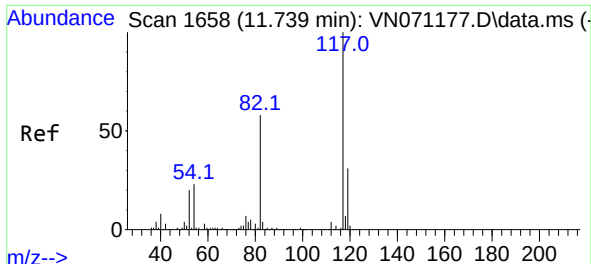
Tgt Ion: 43 Resp: 981138  
Ion Ratio Lower Upper  
43 100  
58 17.8 26.9 80.7#



#62  
4-Bromofluorobenzene  
Concen: 56.117 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 95 Resp: 609482  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 187.2  
176 74.4 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: VN071479.D

Acq: 22 Mar 2022 20:10

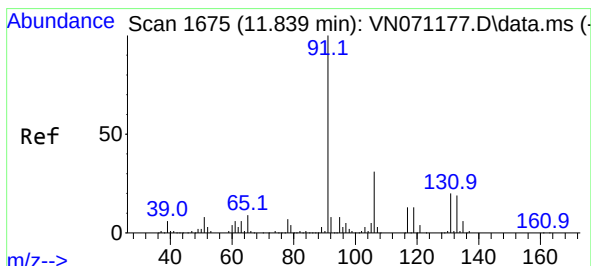
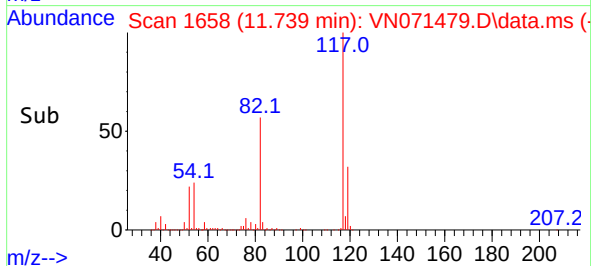
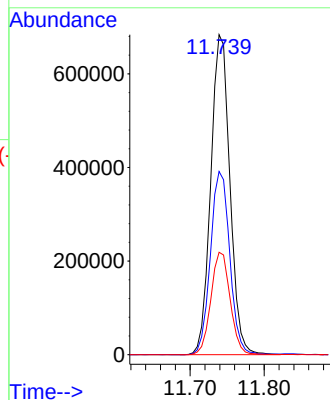
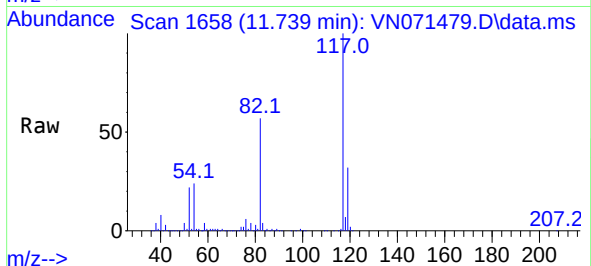
Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion:117 Resp: 1226798

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 57.3  | 42.4  | 63.6  |
| 119 | 32.0  | 25.4  | 38.2  |



#67

Ethyl Benzene

Concen: 1.801 ug/l

RT: 11.839 min Scan# 1675

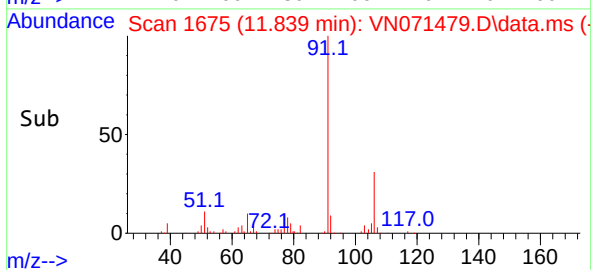
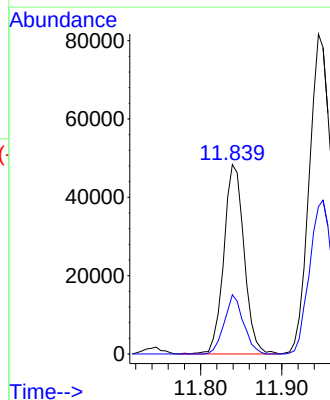
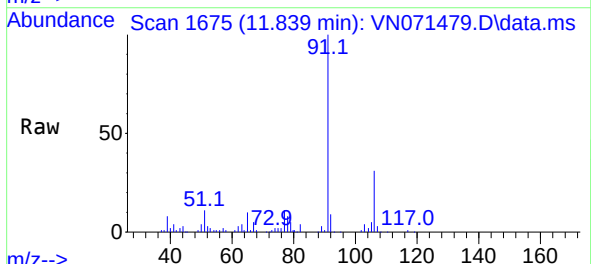
Delta R.T. 0.000 min

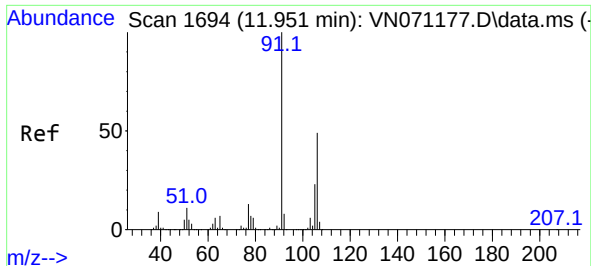
Lab File: VN071479.D

Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 83897

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 106 | 31.3  | 25.7  | 38.5  |

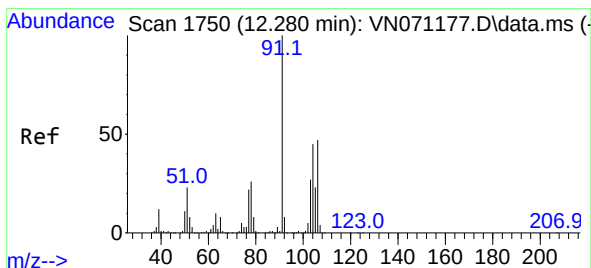
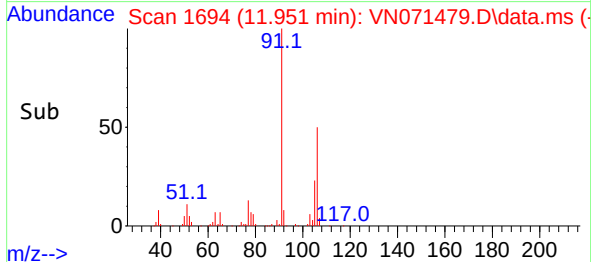
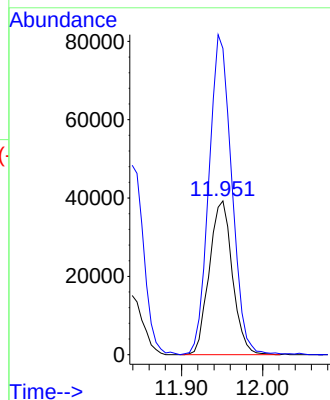
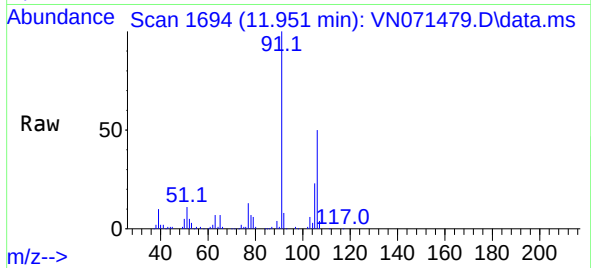




#68  
m/p-Xylenes  
Concen: 4.557 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

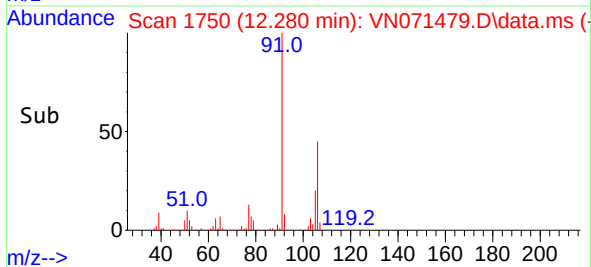
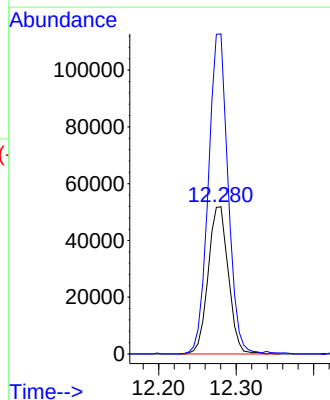
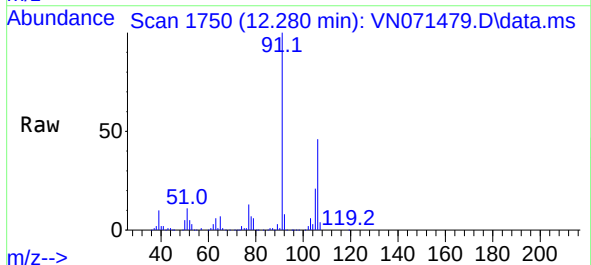
Instrument :  
MSVOA\_N  
ClientSampleId :

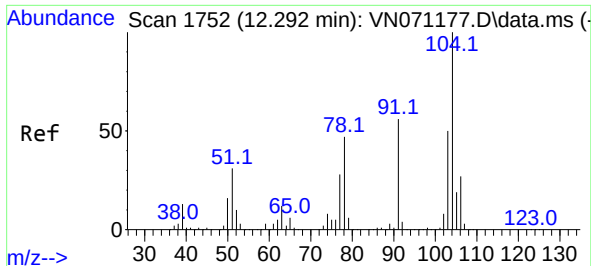
Tgt Ion:106 Resp: 77664  
Ion Ratio Lower Upper  
106 100  
91 205.6 160.6 240.8



#69  
o-Xylene  
Concen: 5.488 ug/l  
RT: 12.280 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

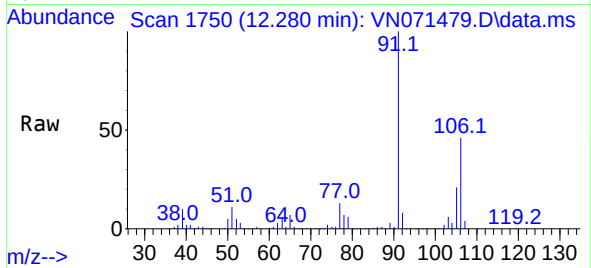
Tgt Ion:106 Resp: 93744  
Ion Ratio Lower Upper  
106 100  
91 212.2 105.8 317.3



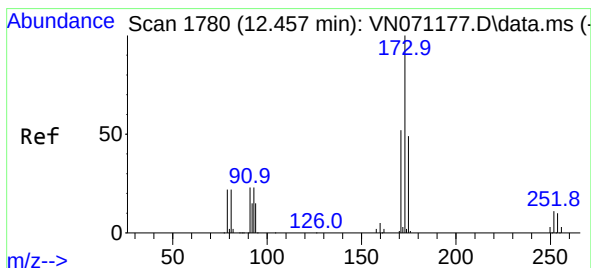
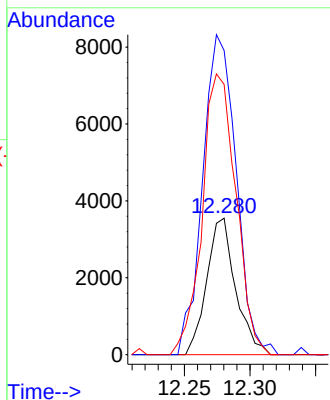
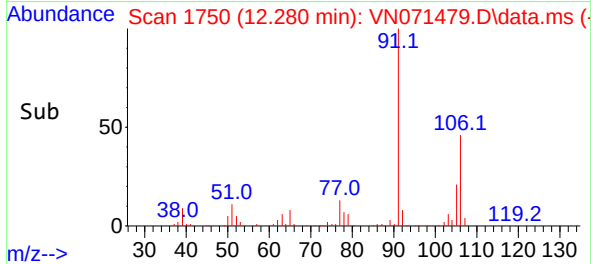


#70  
Styrene  
Concen: 0.206 ug/l  
RT: 12.280 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Instrument :  
MSVOA\_N  
ClientSampleId :

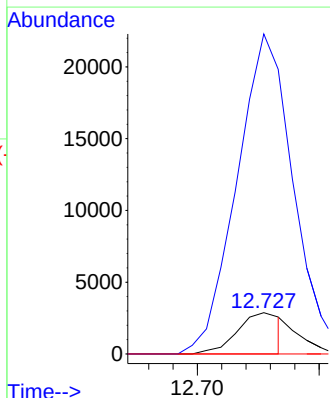
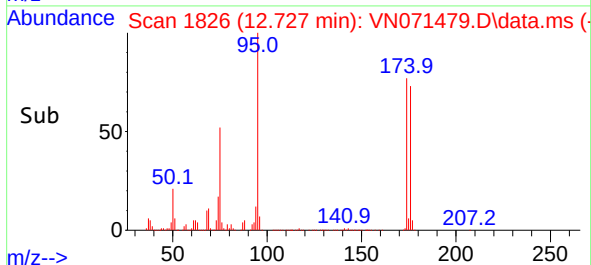
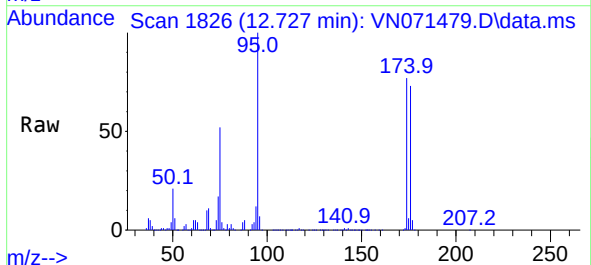


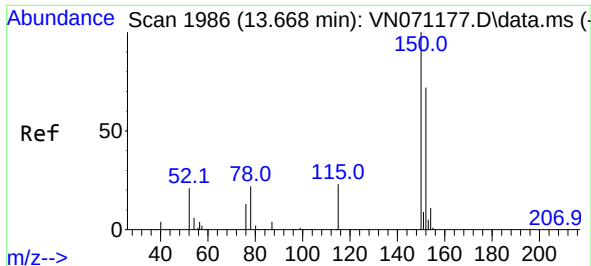
Tgt Ion:104 Resp: 5438  
Ion Ratio Lower Upper  
104 100  
78 272.0 38.7 58.1#  
103 240.4 45.0 67.6#



#71  
Bromoform  
Concen: 0.488 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.270 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

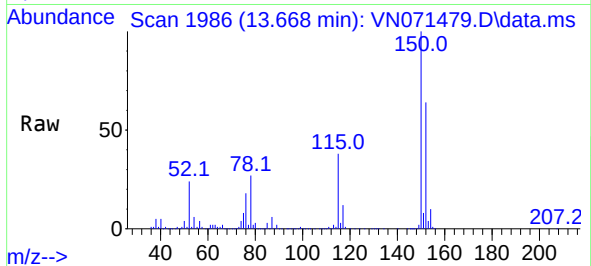
Tgt Ion:173 Resp: 3578  
Ion Ratio Lower Upper  
173 100  
175 784.9 24.2 72.6#  
254 0.0 0.0 0.0



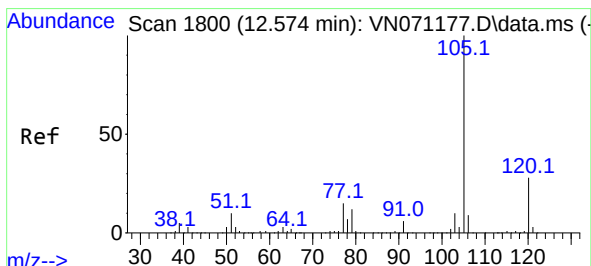
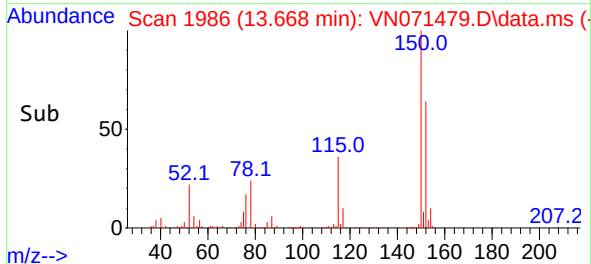
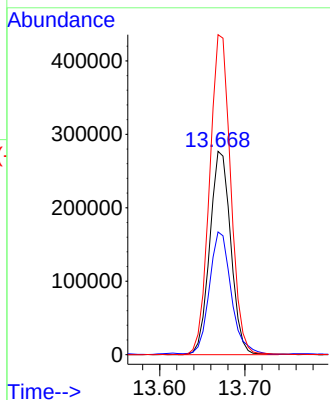


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.668 min Scan# 1986  
 Delta R.T. 0.000 min  
 Lab File: VN071479.D  
 Acq: 22 Mar 2022 20:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :

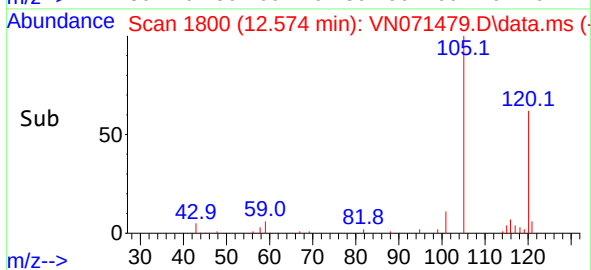
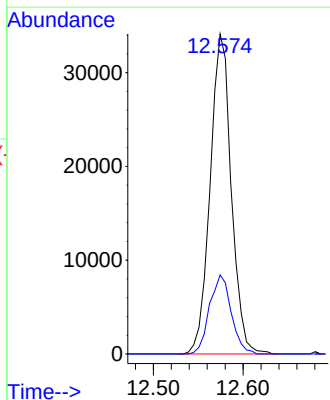
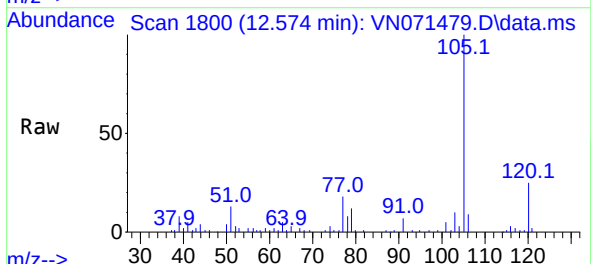


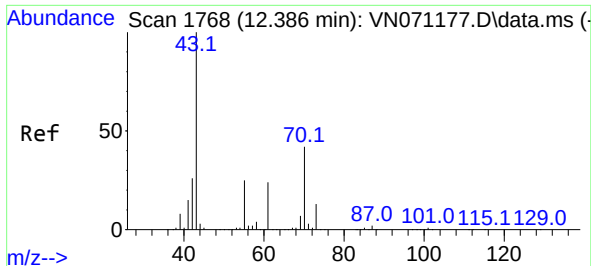
Tgt Ion:152 Resp: 474323  
 Ion Ratio Lower Upper  
 152 100  
 115 62.2 27.5 82.5  
 150 158.3 0.0 344.4



#73  
 Isopropylbenzene  
 Concen: 1.219 ug/l  
 RT: 12.574 min Scan# 1800  
 Delta R.T. 0.000 min  
 Lab File: VN071479.D  
 Acq: 22 Mar 2022 20:10

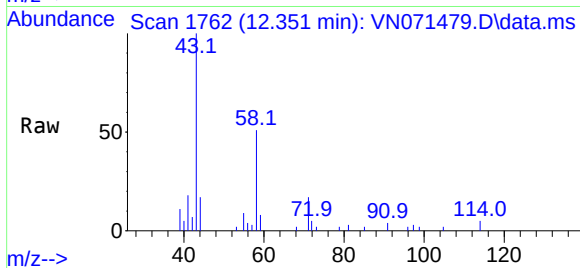
Tgt Ion:105 Resp: 55723  
 Ion Ratio Lower Upper  
 105 100  
 120 25.4 13.4 40.1



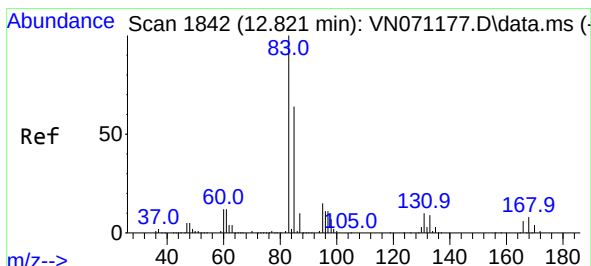
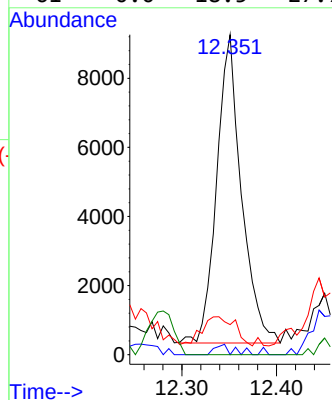
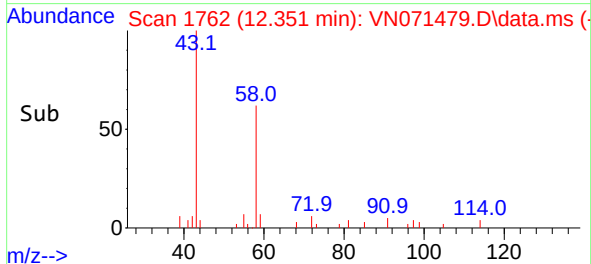


#74  
N-amy1 acetate  
Concen: 0.942 ug/l  
RT: 12.351 min Scan# 1  
Delta R.T. -0.035 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Instrument :  
MSVOA\_N  
ClientSampleId :

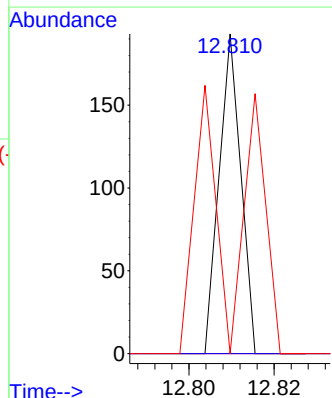
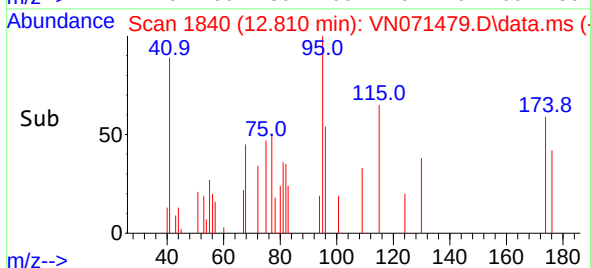
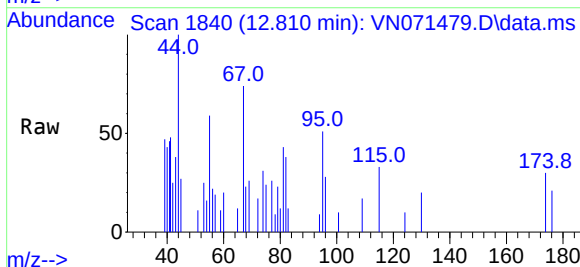


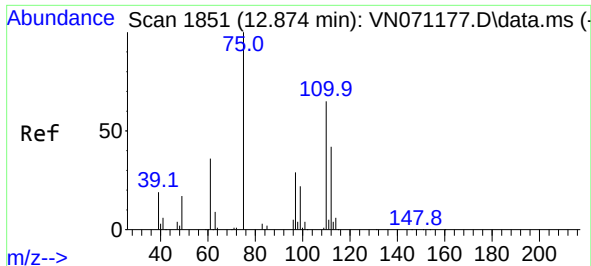
Tgt Ion: 43 Resp: 16199  
Ion Ratio Lower Upper  
43 100  
70 1.6 33.4 50.0#  
55 12.8 19.3 28.9#  
61 0.0 18.5 27.7#



#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.810 min Scan# 1840  
Delta R.T. -0.011 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 83 Resp: 68  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.5 16.5#  
85 166.2 32.4 97.2#

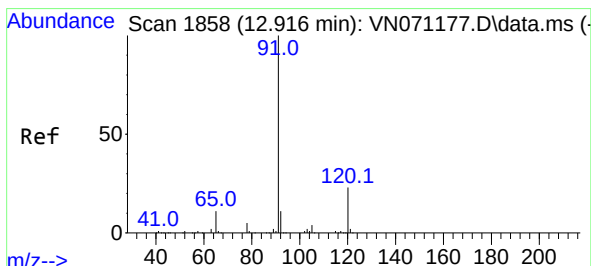
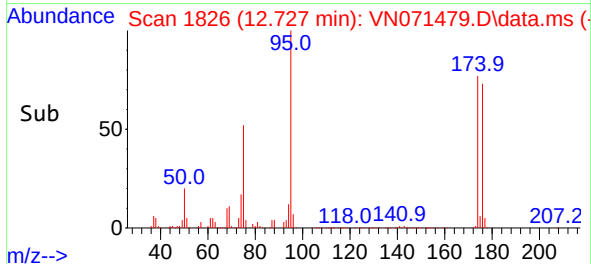
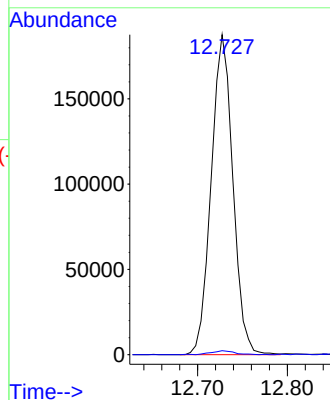
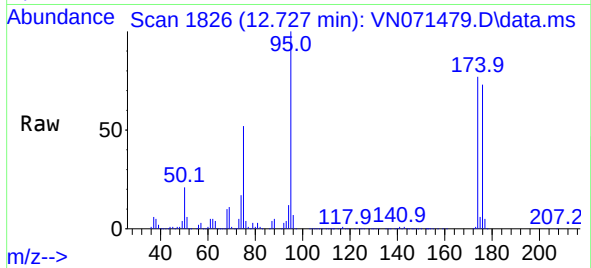




#76  
1,2,3-Trichloropropane  
Concen: 26.040 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

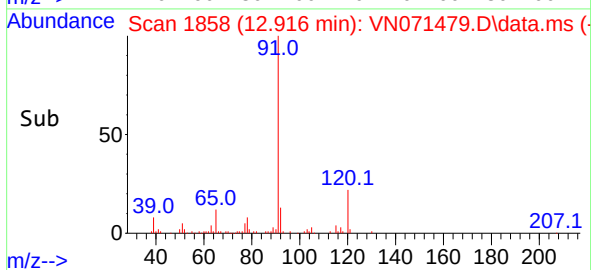
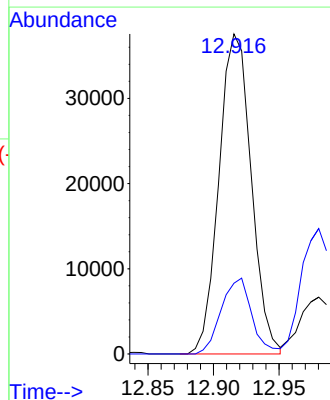
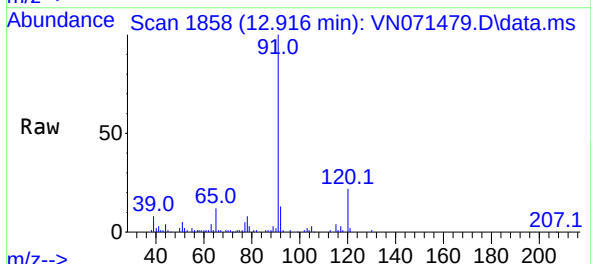
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 314902  
Ion Ratio Lower Upper  
75 100  
77 1.4 82.6 247.8#

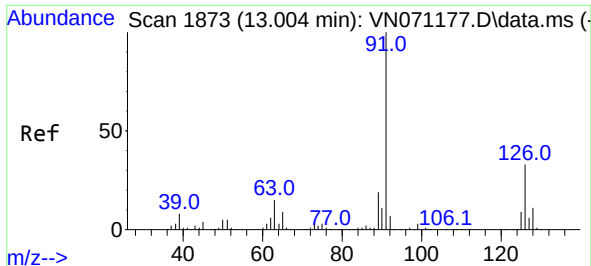


#78  
n-propylbenzene  
Concen: 1.310 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 64272  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.9 35.9



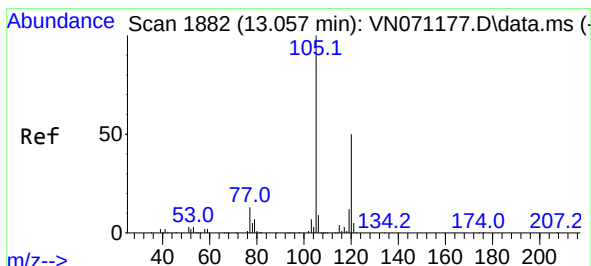
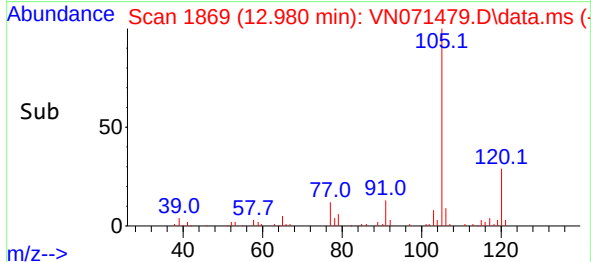
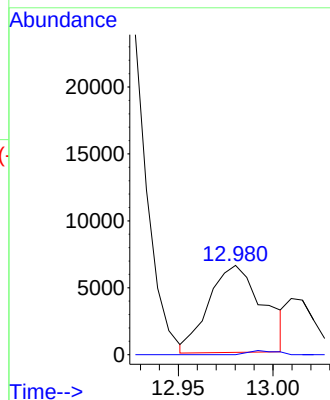
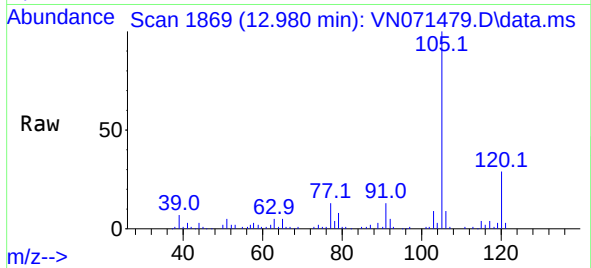




#79  
2-Chlorotoluene  
Concen: 0.413 ug/l  
RT: 12.980 min Scan# 1869  
Delta R.T. -0.024 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

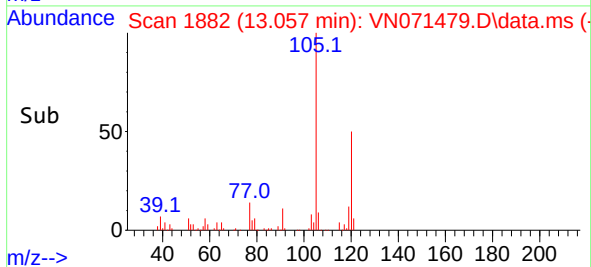
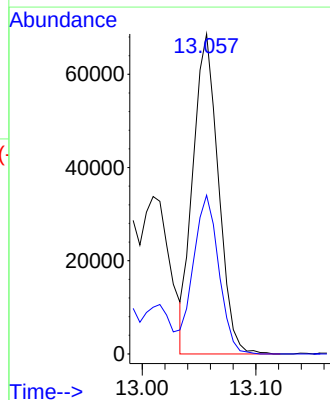
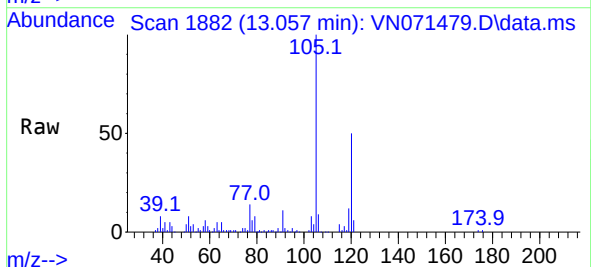
Instrument :  
MSVOA\_N  
ClientSampleId :

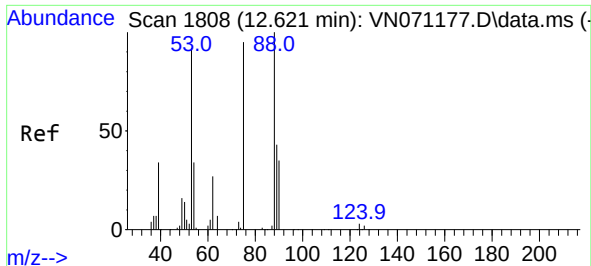
Tgt Ion: 91 Resp: 12994  
Ion Ratio Lower Upper  
91 100  
126 2.4 18.3 54.8#



#80  
1,3,5-Trimethylbenzene  
Concen: 2.988 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion:105 Resp: 106306  
Ion Ratio Lower Upper  
105 100  
120 51.0 24.6 73.6

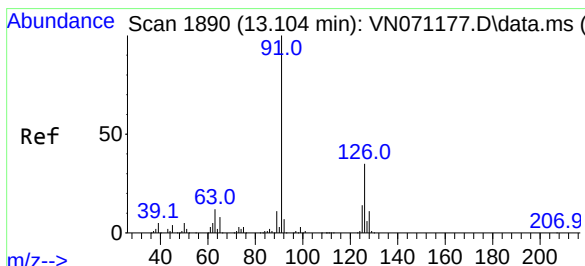
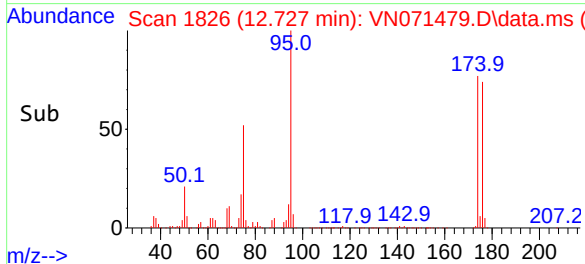
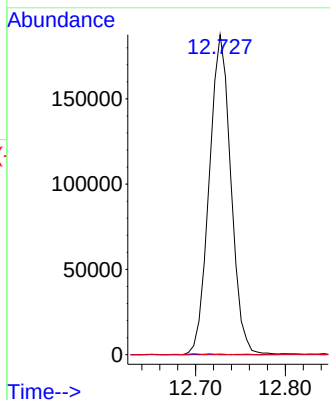
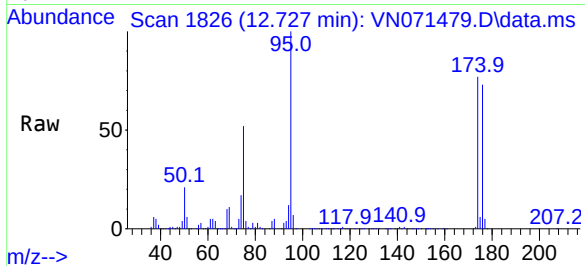




#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.767 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.106 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

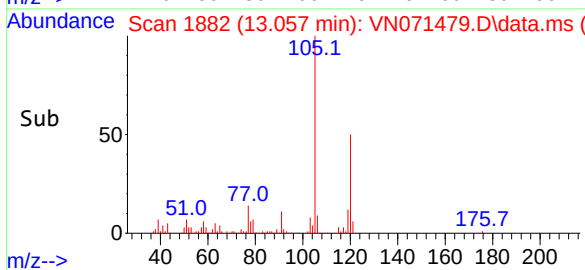
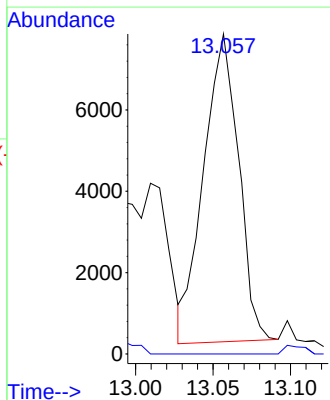
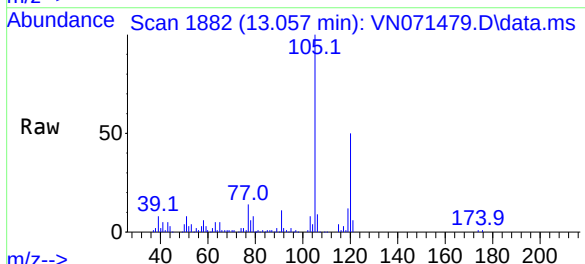
Instrument :  
MSVOA\_N  
ClientSampleId :

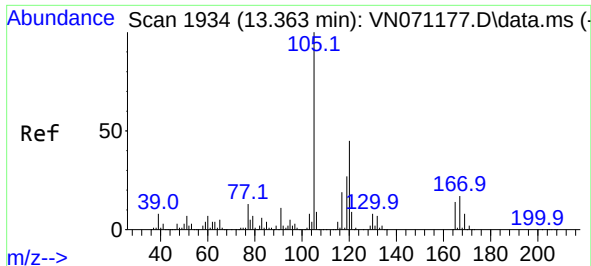
Tgt Ion: 75 Resp: 314902  
Ion Ratio Lower Upper  
75 100  
53 0.2 90.5 135.7#  
89 0.0 38.2 57.4#



#82  
4-Chlorotoluene  
Concen: 0.423 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.047 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 11866  
Ion Ratio Lower Upper  
91 100  
126 0.0 18.2 54.6#

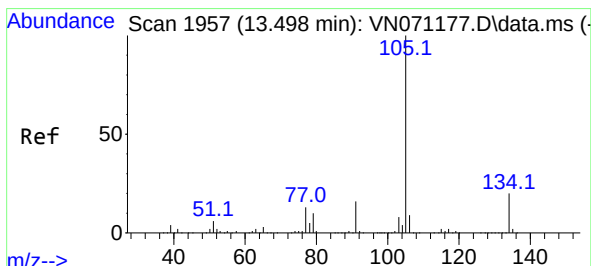
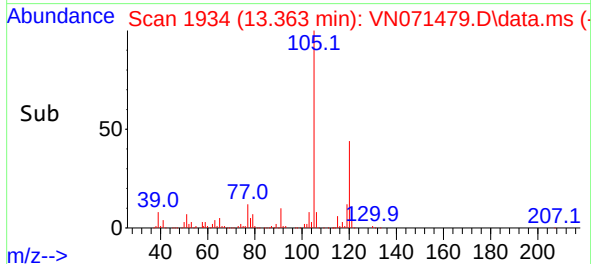
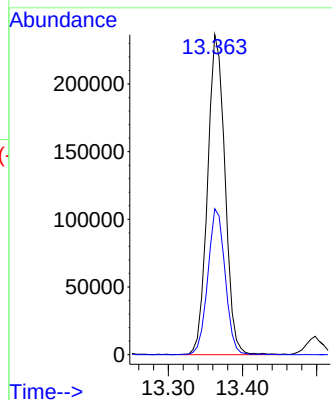
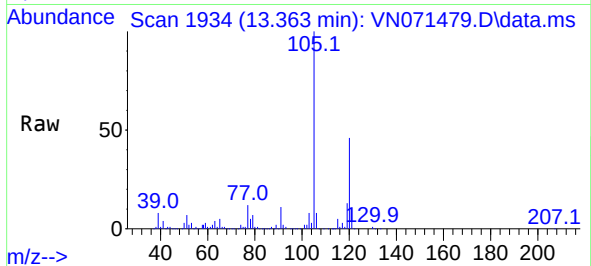




#84  
1,2,4-Trimethylbenzene  
Concen: 11.326 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

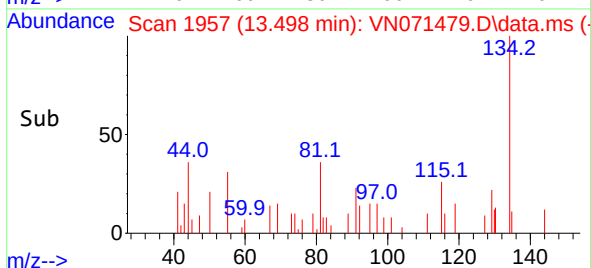
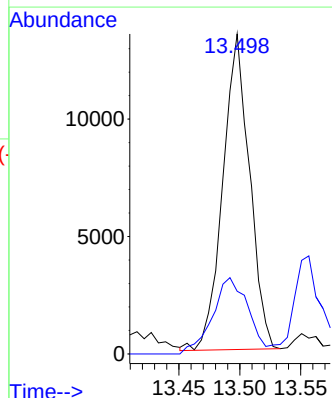
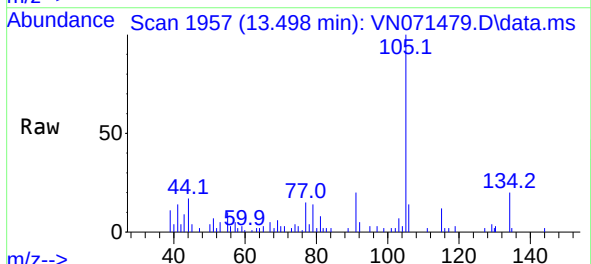
Instrument :  
MSVOA\_N  
ClientSampleId :

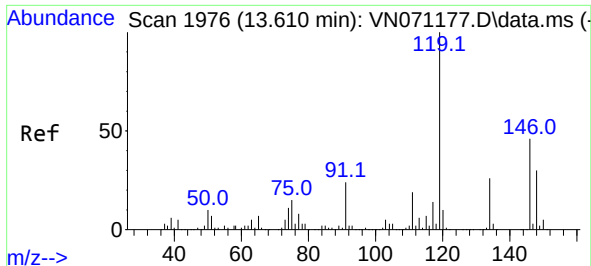
Tgt Ion:105 Resp: 385914  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.8 68.4



#85  
sec-Butylbenzene  
Concen: 0.487 ug/l  
RT: 13.498 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion:105 Resp: 20536  
Ion Ratio Lower Upper  
105 100  
134 32.6 10.4 31.1#

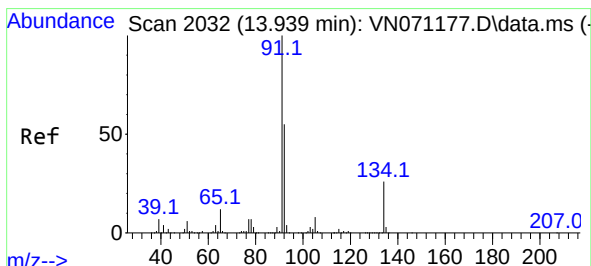
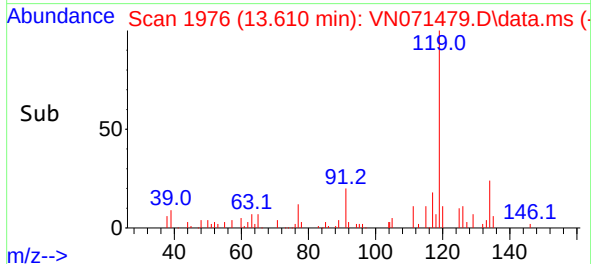
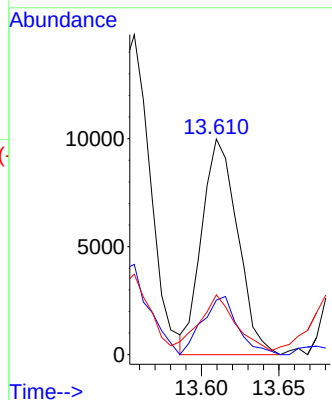
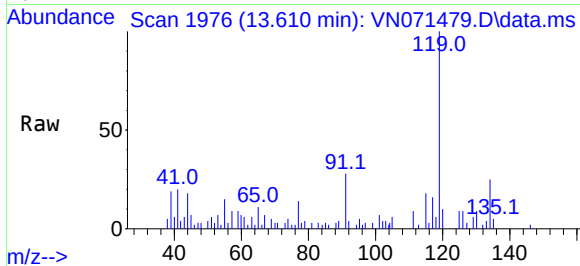




#86  
p-Isopropyltoluene  
Concen: 0.485 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

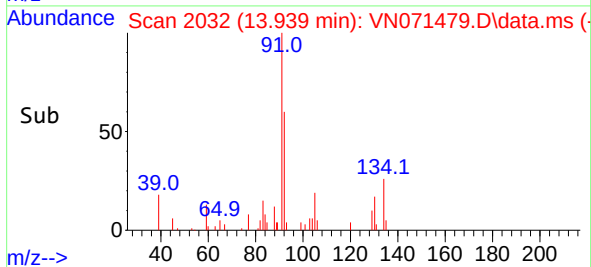
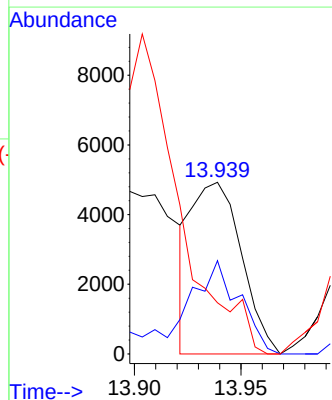
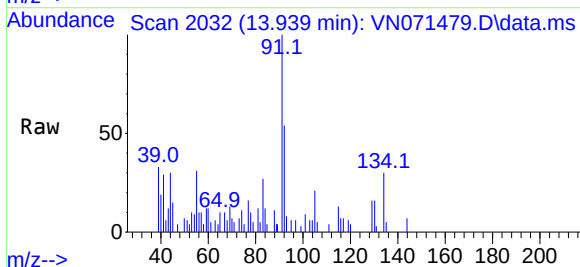
Instrument :  
MSVOA\_N  
ClientSampleId :

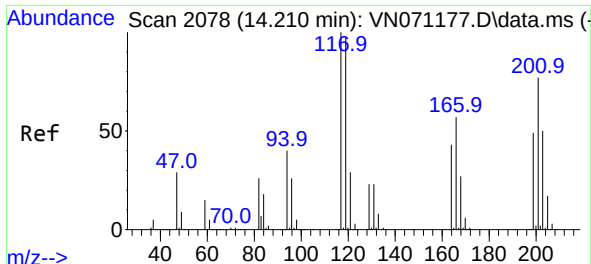
Tgt Ion:119 Resp: 16088  
Ion Ratio Lower Upper  
119 100  
134 26.6 13.6 40.7  
91 25.7 11.4 34.1



#89  
n-Butylbenzene  
Concen: 0.310 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 8034  
Ion Ratio Lower Upper  
91 100  
92 56.0 25.4 76.0  
134 0.0 13.6 40.8#

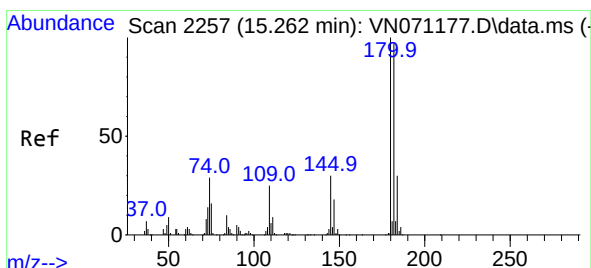
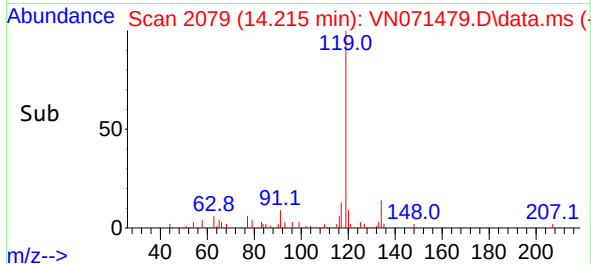
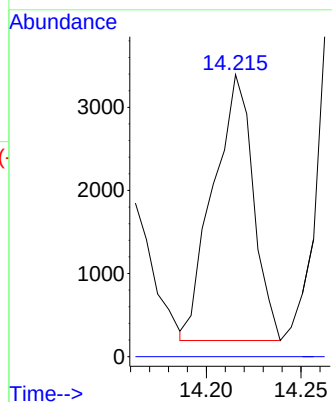
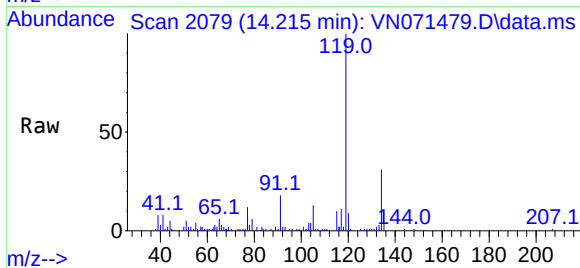




#90  
Hexachloroethane  
Concen: 0.713 ug/l  
RT: 14.215 min Scan# 2078  
Delta R.T. 0.006 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

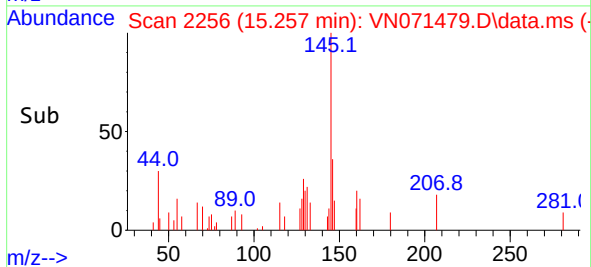
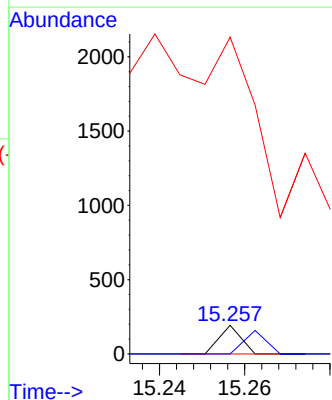
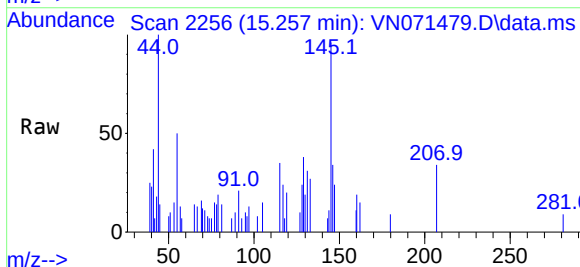
Instrument :  
MSVOA\_N  
ClientSampleId :

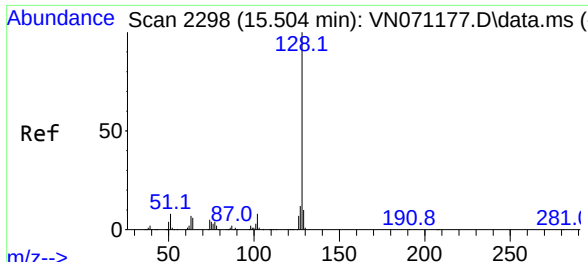
Tgt Ion:117 Resp: 4704  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.9 131.6#



#93  
1,2,4-Trichlorobenzene  
Concen: 2.997 ug/l  
RT: 15.257 min Scan# 2256  
Delta R.T. -0.005 min  
Lab File: VN071479.D  
Acq: 22 Mar 2022 20:10

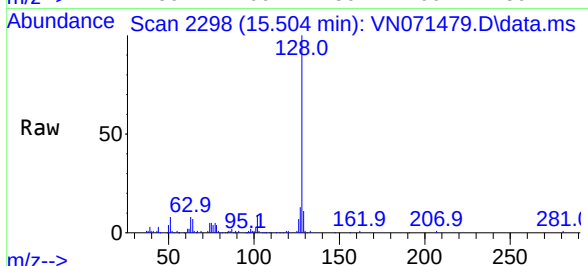
Tgt Ion:180 Resp: 68  
Ion Ratio Lower Upper  
180 100  
182 82.4 48.3 144.9  
145 0.0 14.5 43.5#





#95  
 Naphthalene  
 Concen: 10.126 ug/l  
 RT: 15.504 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN071479.D  
 Acq: 22 Mar 2022 20:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:128 Resp: 122398

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.1  | 10.5  | 15.7  |
| 129 | 9.8   | 8.7   | 13.1  |

