

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061822\  
 Data File : VN072931.D  
 Acq On : 18 Jun 2022 11:41  
 Operator : JC\MD  
 Sample : N3334-14  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14A-1A-11

Quant Time: Jun 20 08:03:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 313450   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.898  | 114  | 548510   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.680 | 117  | 477148   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152  | 218528   | 50.000 | ug/l  | # 0.00   |

## System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 33) 1,2-Dichloroethane-d4 | 8.369  | 65    | 176716   | 41.700   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 74 - 125 | Recovery | =    | 83.400%  |
| 35) Dibromofluoromethane  | 7.951  | 113   | 140777   | 41.524   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | =    | 83.040%  |
| 50) Toluene-d8            | 10.375 | 98    | 488078   | 38.689   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 86 - 113 | Recovery | =    | 77.380%# |
| 62) 4-Bromofluorobenzene  | 12.663 | 95    | 180530   | 39.797   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 83 - 123 | Recovery | =    | 79.600%# |

## Target Compounds

|                               |        |     |        |           |      | Qvalue |
|-------------------------------|--------|-----|--------|-----------|------|--------|
| 3) Chloromethane              | 2.263  | 50  | 669    | 0.775     | ug/l | 92     |
| 6) Chloroethane               | 2.963  | 64  | 359    | 0.214     | ug/l | # 42   |
| 11) Tert butyl alcohol        | 5.304  | 59  | 4128   | 3.771     | ug/l | # 72   |
| 16) Acetone                   | 4.234  | 43  | 71232  | 30.579    | ug/l | 96     |
| 17) Carbon Disulfide          | 4.457  | 76  | 3159   | 0.411     | ug/l | # 75   |
| 18) Methyl Acetate            | 4.793  | 43  | 7666   | 1.236     | ug/l | # 81   |
| 20) Methylene Chloride        | 5.016  | 84  | 82503  | 22.702    | ug/l | 96     |
| 25) 2-Butanone                | 7.269  | 43  | 29744  | 8.047     | ug/l | 95     |
| 26) 2,2-Dichloropropane       | 7.234  | 77  | 1214   | Below Cal | #    | 53     |
| 29) Tetrahydrofuran           | 7.628  | 42  | 1809   | 0.741     | ug/l | # 43   |
| 31) Cyclohexane               | 8.016  | 56  | 15826  | 2.761     | ug/l | # 64   |
| 36) 1,1-Dichloropropene       | 8.016  | 75  | 23745  | 5.176     | ug/l | # 50   |
| 37) Ethyl Acetate             | 7.269  | 43  | 29744  | 4.054     | ug/l | # 67   |
| 38) Carbon Tetrachloride      | 8.016  | 117 | 30437  | 6.308     | ug/l | # 18   |
| 39) Methylcyclohexane         | 9.392  | 83  | 20612  | 3.728     | ug/l | # 91   |
| 40) Benzene                   | 8.386  | 78  | 4196   | 0.291     | ug/l | # 90   |
| 43) Isopropyl Acetate         | 8.498  | 43  | 41791  | 3.984     | ug/l | # 87   |
| 45) 1,2-Dichloropropane       | 9.551  | 63  | 2974   | 0.807     | ug/l | # 44   |
| 48) Methyl methacrylate       | 9.475  | 41  | 13389  | 2.796     | ug/l | # 25   |
| 49) 1,4-Dioxane               | 9.551  | 88  | 151    | 1.401     | ug/l | # 1    |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43  | 10851  | 1.586     | ug/l | 91     |
| 52) Toluene                   | 10.439 | 92  | 8713   | 0.984     | ug/l | 91     |
| 54) cis-1,3-Dichloropropene   | 10.180 | 75  | 52158  | 8.966     | ug/l | # 65   |
| 55) 1,1,2-Trichloroethane     | 10.816 | 97  | 4708   | 1.211     | ug/l | # 20   |
| 56) Ethyl methacrylate        | 10.710 | 69  | 1271   | 0.204     | ug/l | # 1    |
| 57) 1,3-Dichloropropane       | 11.027 | 76  | 29730  | 4.611     | ug/l | # 43   |
| 59) 2-Hexanone                | 11.027 | 43  | 467940 | 88.454    | ug/l | # 45   |
| 67) Ethyl Benzene             | 11.780 | 91  | 43337  | 2.642     | ug/l | 98     |
| 68) m/p-Xylenes               | 11.886 | 106 | 27550  | 4.282     | ug/l | 99     |
| 69) o-Xylene                  | 12.216 | 106 | 54814  | 8.526     | ug/l | 97     |
| 70) Styrene                   | 12.210 | 104 | 3132   | 0.303     | ug/l | # 1    |
| 73) Isopropylbenzene          | 12.516 | 105 | 20106  | 1.189     | ug/l | 98     |
| 74) N-amyl acetate            | 12.292 | 43  | 10110  | 1.152     | ug/l | # 57   |
| 75) 1,1,2,2-Tetrachloroethane | 12.757 | 83  | 3610   | 0.593     | ug/l | # 43   |
| 76) 1,2,3-Trichloropropane    | 12.833 | 75  | 11867  | 2.240     | ug/l | # 1    |
| 78) n-propylbenzene           | 12.857 | 91  | 25093  | 1.349     | ug/l | 98     |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14A-1A-11

Quant Time: Jun 20 08:03:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

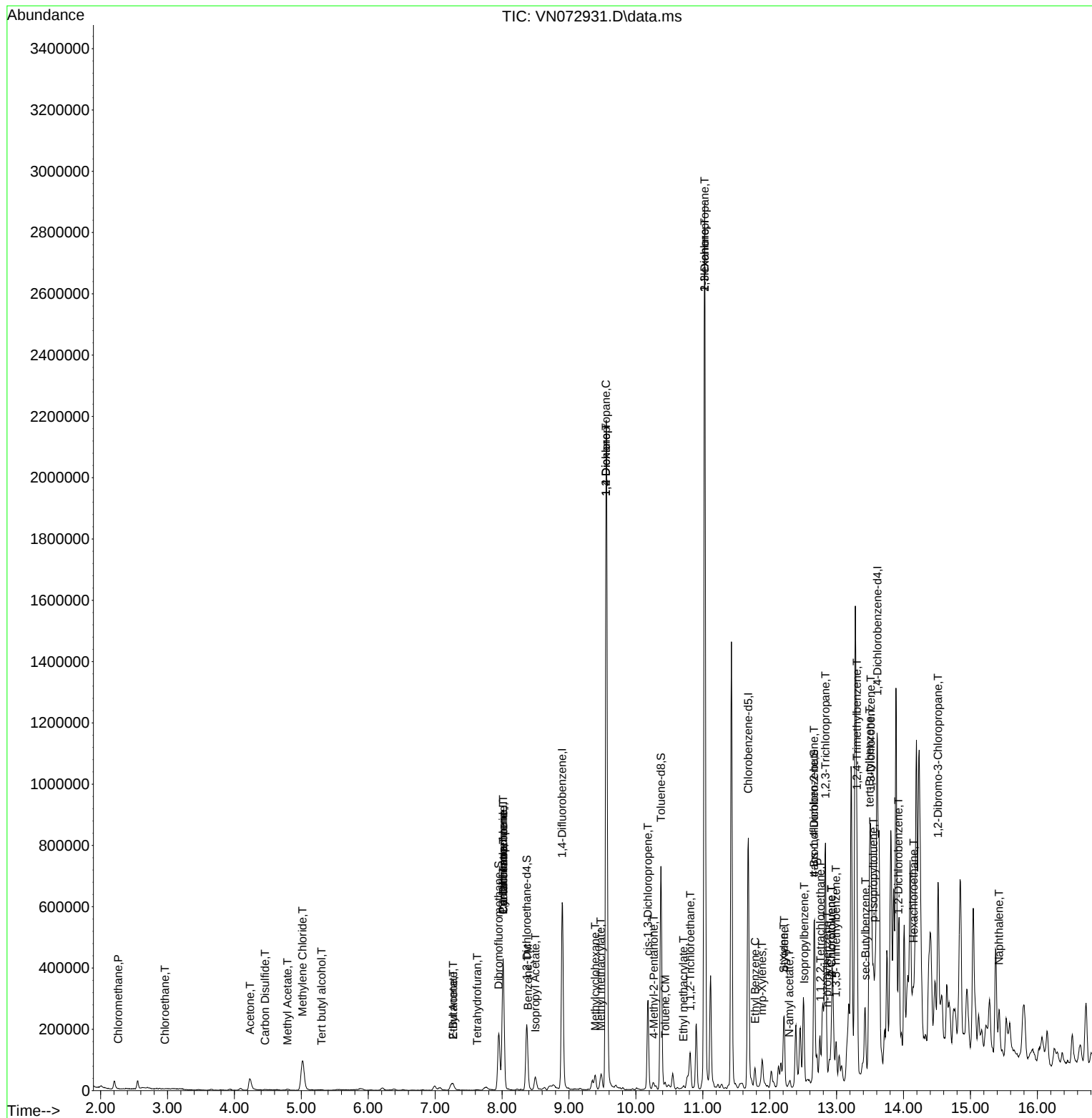
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 79) 2-Chlorotoluene           | 12.921 | 91   | 4510     | 0.375  | ug/l   | 78       |
| 80) 1,3,5-Trimethylbenzene    | 12.992 | 105  | 51227    | 3.689  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.663 | 75   | 93251    | 47.533 | ug/l # | 13       |
| 82) 4-Chlorotoluene           | 12.921 | 91   | 4320     | 0.379  | ug/l   | 80       |
| 83) tert-Butylbenzene         | 13.492 | 119  | 12490    | 0.982  | ug/l   | 75       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 147623   | 10.673 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.433 | 105  | 8765     | 0.517  | ug/l # | 73       |
| 86) p-Isopropyltoluene        | 13.551 | 119  | 14997    | 1.092  | ug/l   | 88       |
| 87) 1,3-Dichlorobenzene       | 13.510 | 146  | 3166     | 0.438  | ug/l # | 25       |
| 90) Hexachloroethane          | 14.151 | 117  | 7264     | 2.805  | ug/l # | 9        |
| 91) 1,2-Dichlorobenzene       | 13.921 | 146  | 3002     | 0.398  | ug/l # | 6        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.515 | 75   | 10274    | 6.619  | ug/l # | 1        |
| 95) Naphthalene               | 15.427 | 128  | 104464   | 6.188  | ug/l # | 94       |
| -----                         |        |      |          |        |        |          |

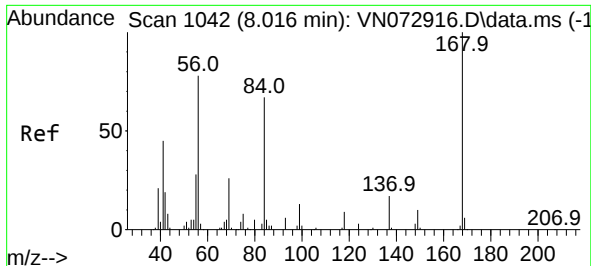
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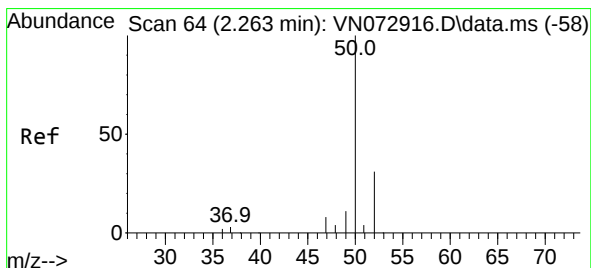
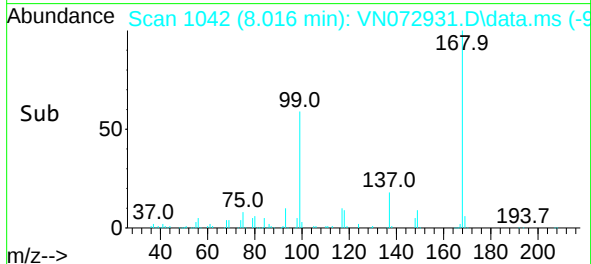
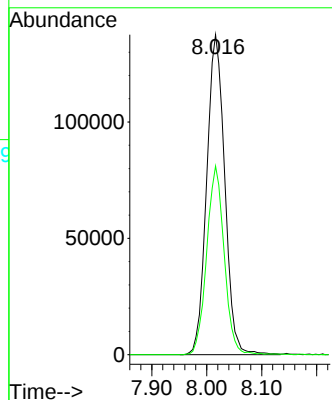
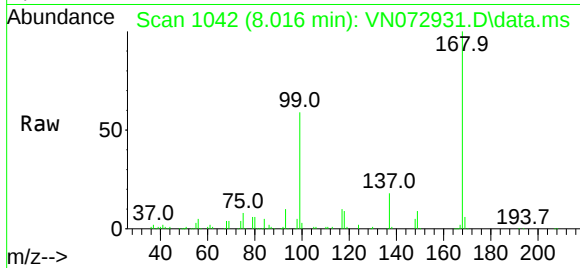




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

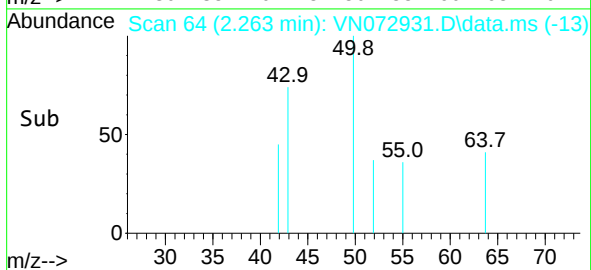
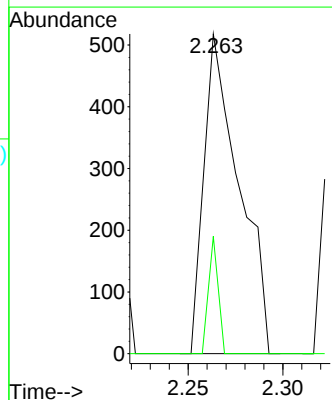
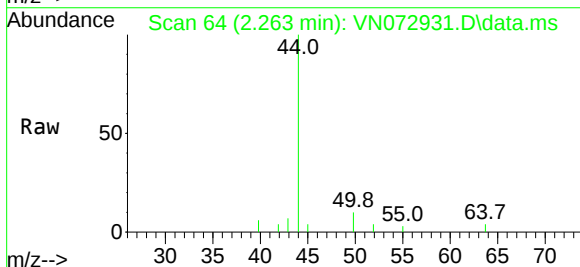
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

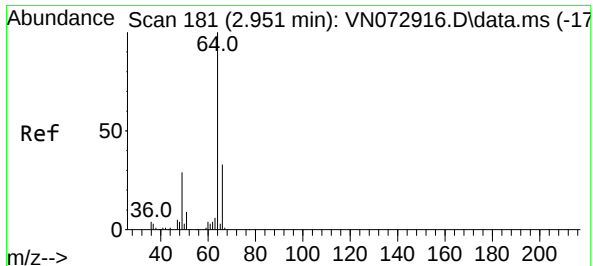
Tgt Ion:168 Resp: 313450  
Ion Ratio Lower Upper  
168 100  
99 59.0 42.3 63.5



#3  
Chloromethane  
Concen: 0.775 ug/l  
RT: 2.263 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 50 Resp: 669  
Ion Ratio Lower Upper  
50 100  
52 36.7 25.7 38.5

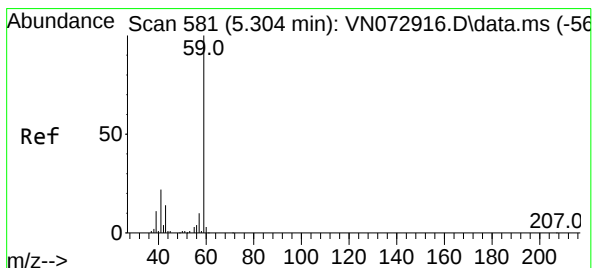
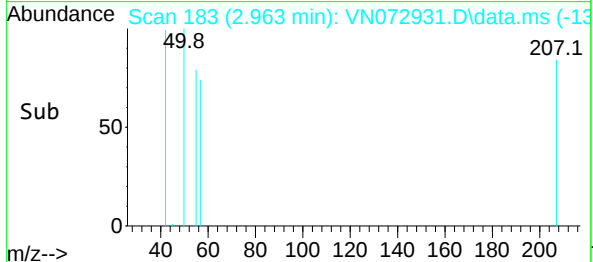
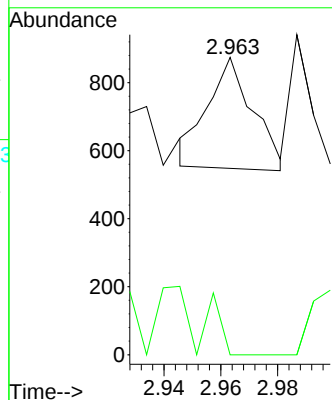
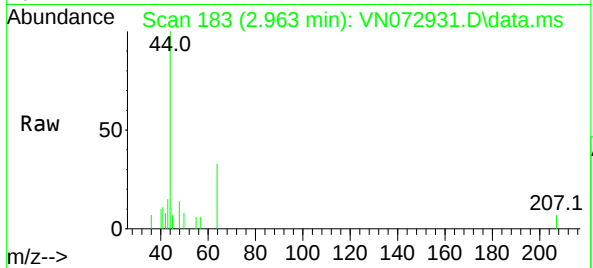




#6  
Chloroethane  
Concen: 0.214 ug/l  
RT: 2.963 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

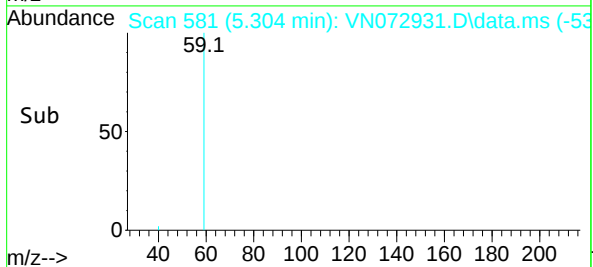
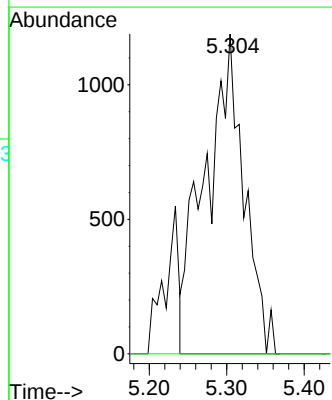
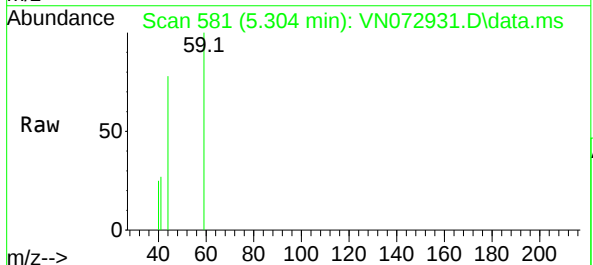
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ClientSampleId :  
WC-14A-1A-11

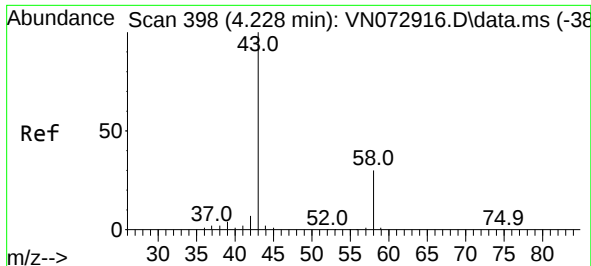
Tgt Ion: 64 Resp: 359  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#



#11  
Tert butyl alcohol  
Concen: 3.771 ug/l  
RT: 5.304 min Scan# 581  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 59 Resp: 4128  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

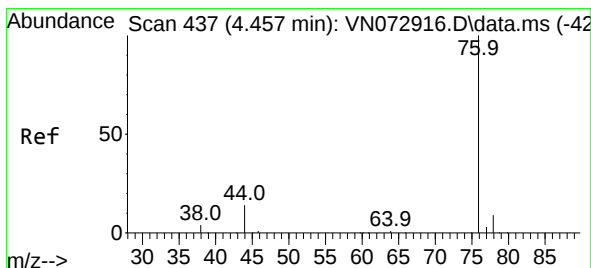
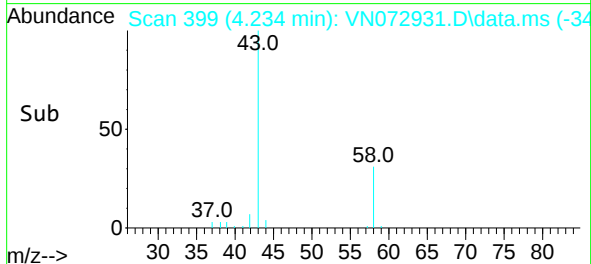
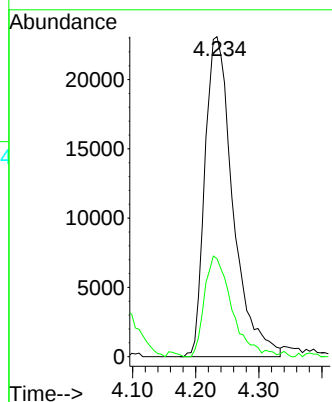
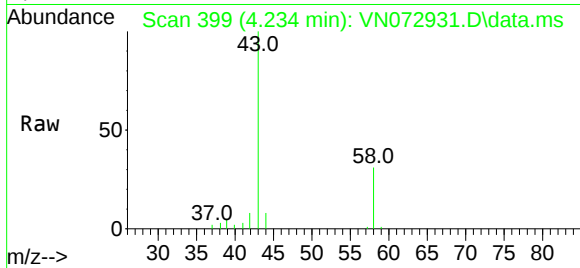




#16  
Acetone  
Concen: 30.579 ug/l  
RT: 4.234 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

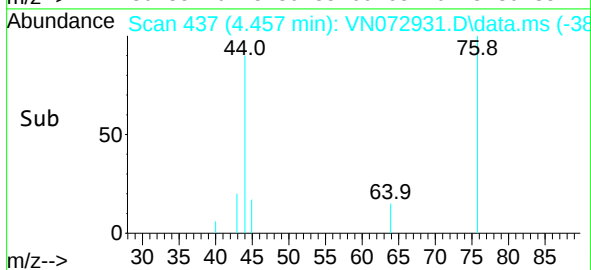
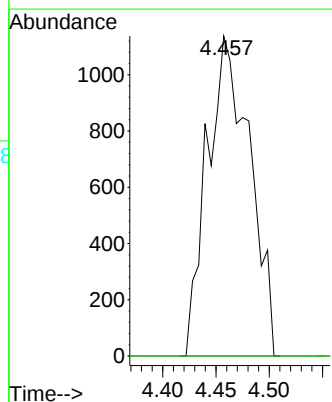
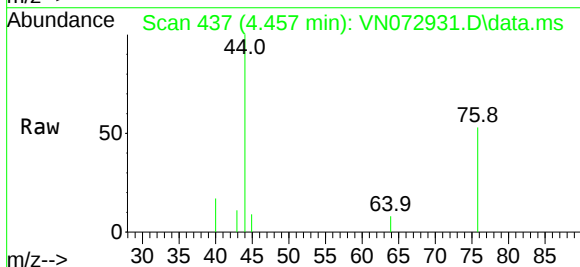
Instrument :  
MSVOA\_N  
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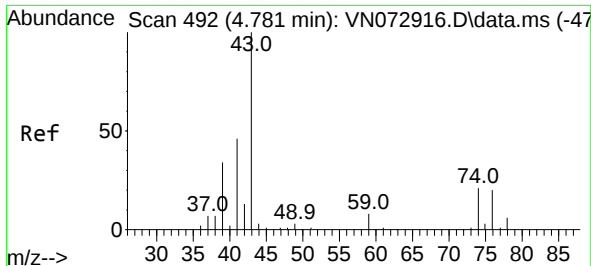
Tgt Ion: 43 Resp: 71232  
Ion Ratio Lower Upper  
43 100  
58 30.0 26.0 39.0



#17  
Carbon Disulfide  
Concen: 0.411 ug/l  
RT: 4.457 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 76 Resp: 3159  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

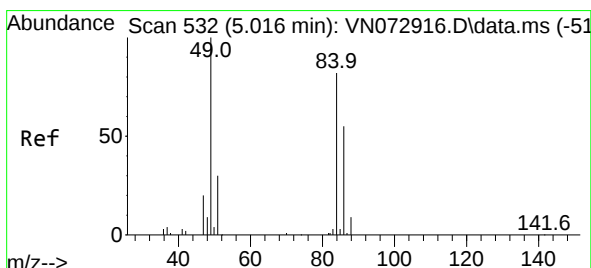
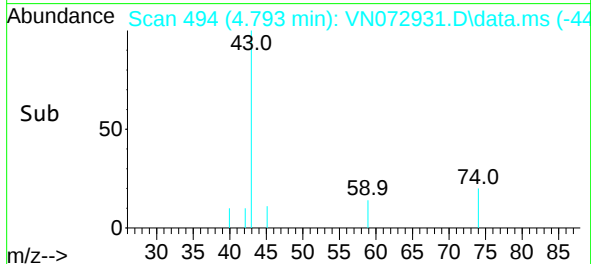
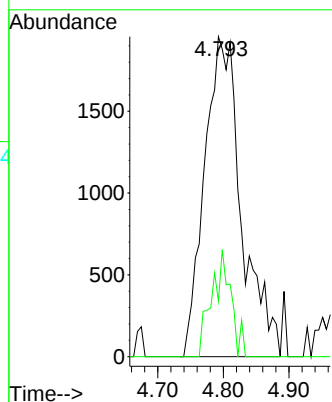
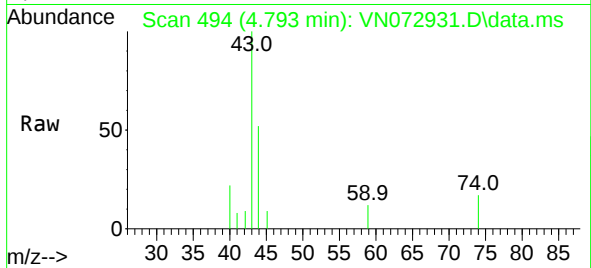




#18  
Methyl Acetate  
Concen: 1.236 ug/l  
RT: 4.793 min Scan# 492  
Delta R.T. 0.012 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

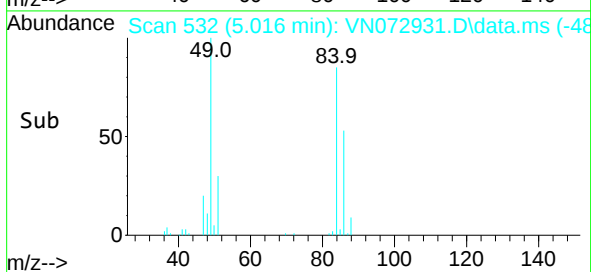
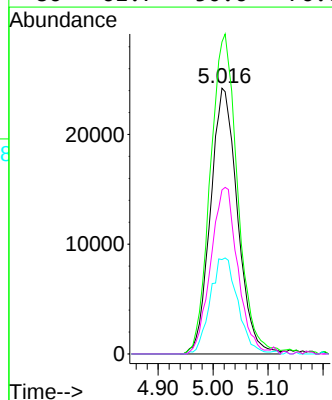
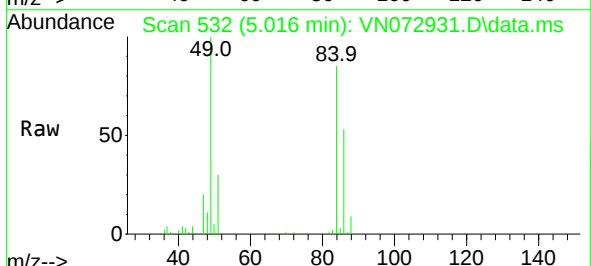
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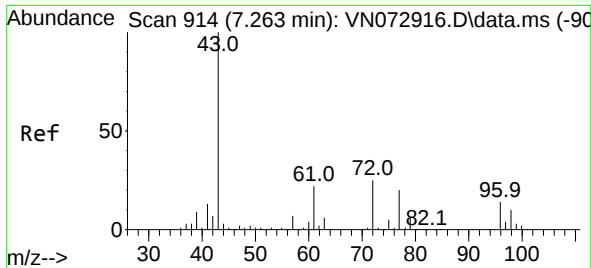
Tgt Ion: 43 Resp: 7666  
Ion Ratio Lower Upper  
43 100  
74 17.3 21.6 32.4#



#20  
Methylene Chloride  
Concen: 22.702 ug/l  
RT: 5.016 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 84 Resp: 82503  
Ion Ratio Lower Upper  
84 100  
49 117.4 88.3 132.5  
51 35.5 28.2 42.2  
86 61.7 50.6 76.0





#25

2-Butanone

Concen: 8.047 ug/l

RT: 7.269 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

Instrument :

MSVOA\_N

ClientSampleId :

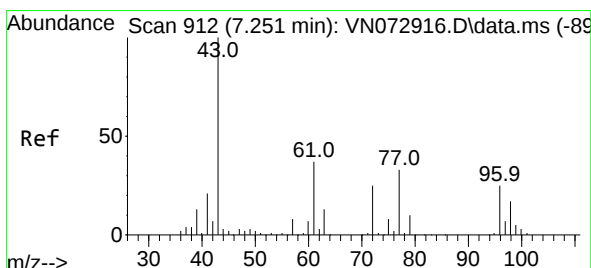
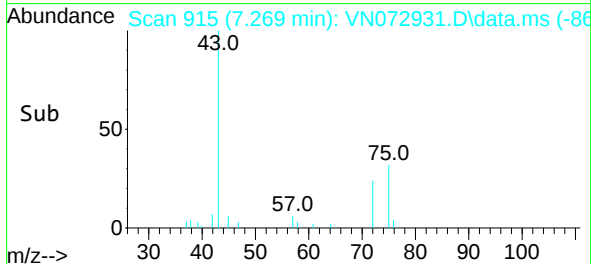
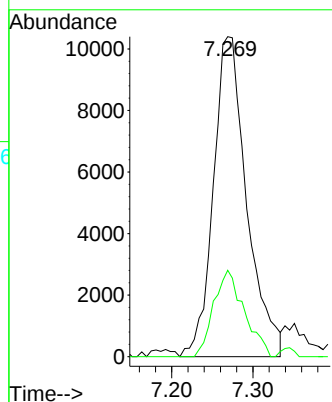
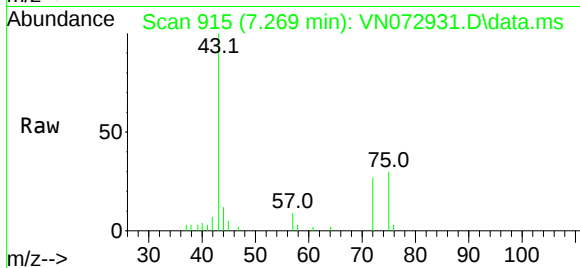
WC-14A-1A-11

Tgt Ion: 43 Resp: 29744

Ion Ratio Lower Upper

43 100

72 27.0 23.7 35.5



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.234 min Scan# 909

Delta R.T. -0.017 min

Lab File: VN072931.D

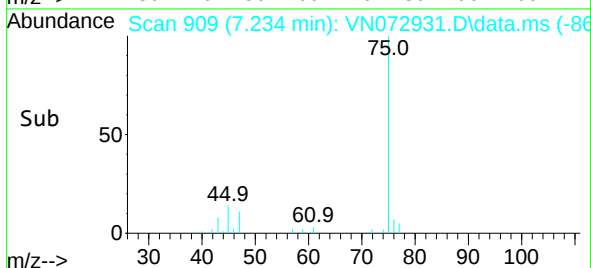
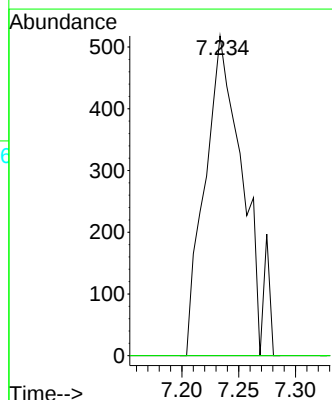
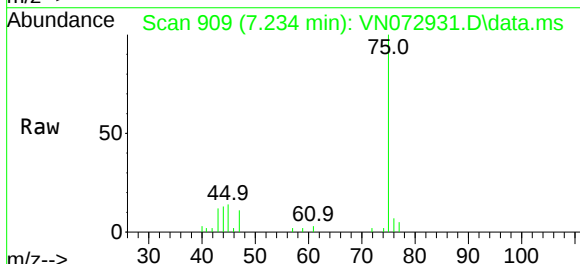
Acq: 18 Jun 2022 11:41

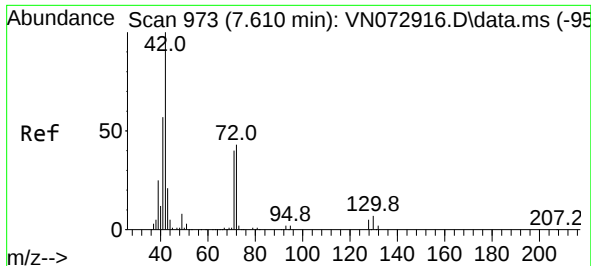
Tgt Ion: 77 Resp: 1214

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.741 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN072931.D

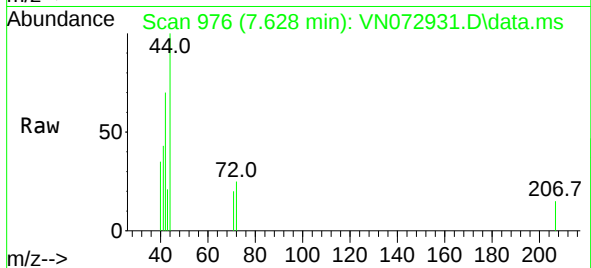
Acq: 18 Jun 2022 11:41

Instrument :

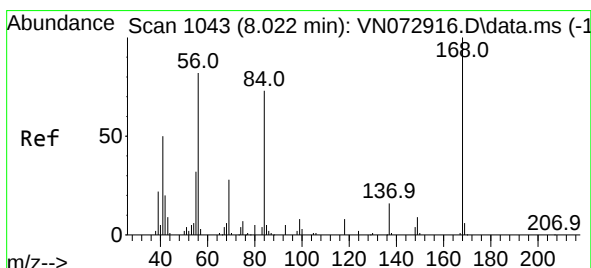
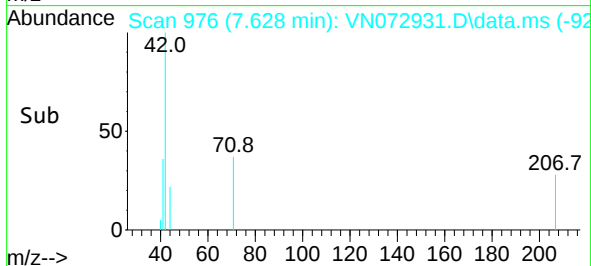
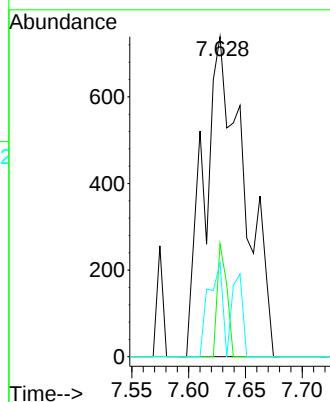
MSVOA\_N

ClientSampleId :

WC-14A-1A-11



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 1809  |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 8.3   | 39.7  | 59.5# |
| 71        | 10.3  | 36.6  | 55.0# |



#31

Cyclohexane

Concen: 2.761 ug/l

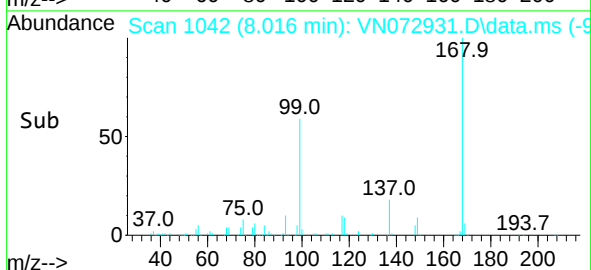
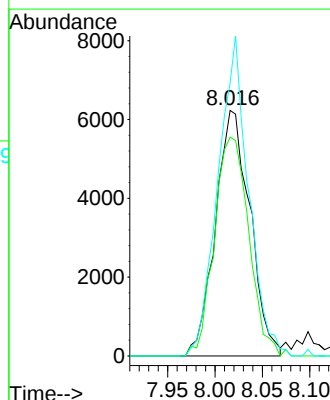
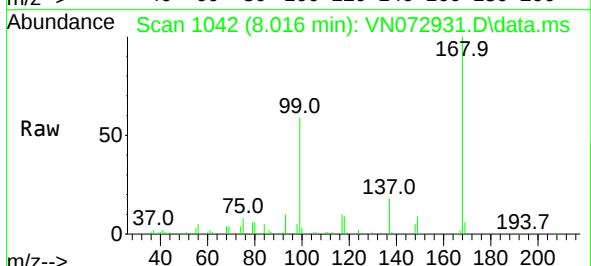
RT: 8.016 min Scan# 1042

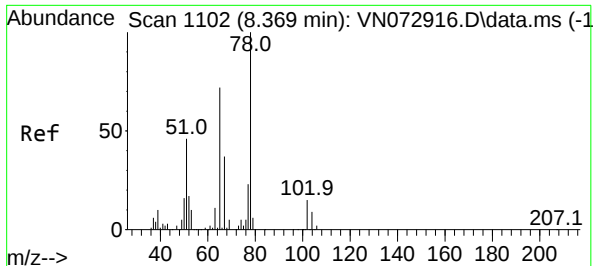
Delta R.T. -0.006 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 15826 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 89.1  | 27.8  | 41.8# |
| 84        | 111.1 | 76.9  | 115.3 |





#33

1,2-Dichloroethane-d4

Concen: 41.700 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

Instrument :

MSVOA\_N

ClientSampleId :

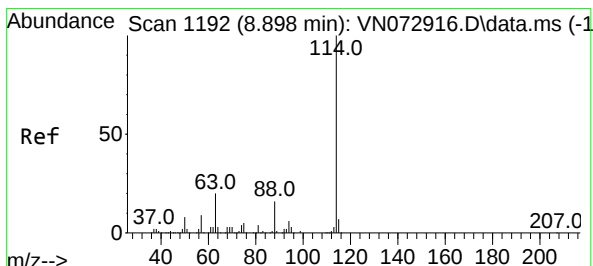
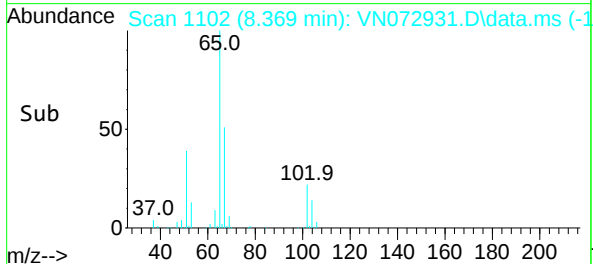
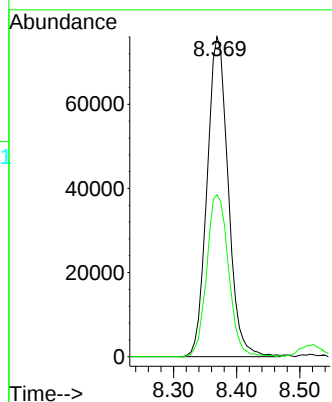
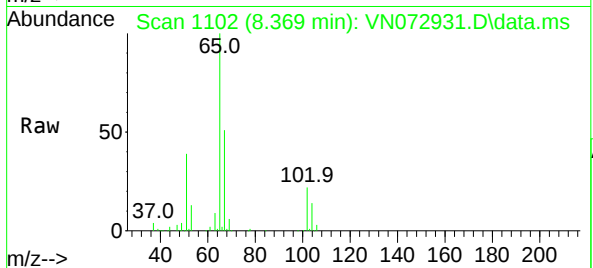
WC-14A-1A-11

Tgt Ion: 65 Resp: 176716

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

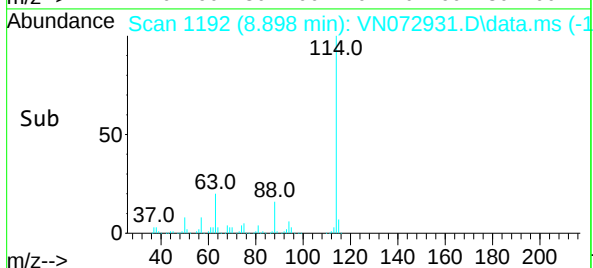
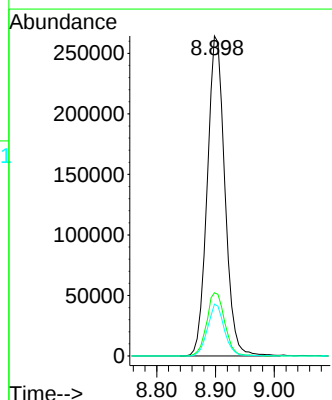
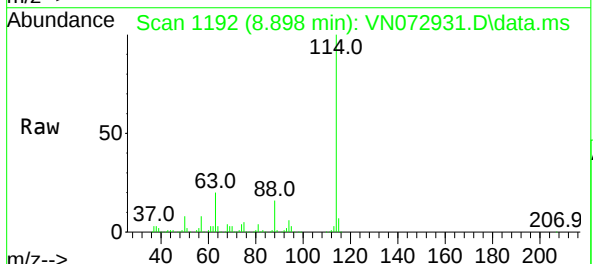
Tgt Ion: 114 Resp: 548510

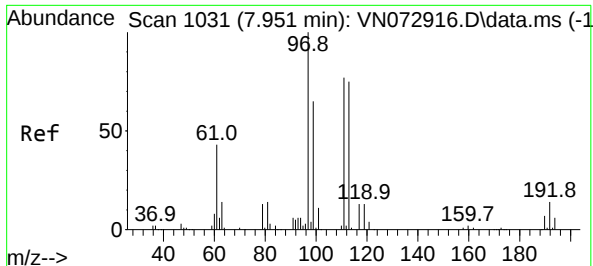
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 41.524 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

Instrument :

MSVOA\_N

ClientSampleId :

WC-14A-1A-11

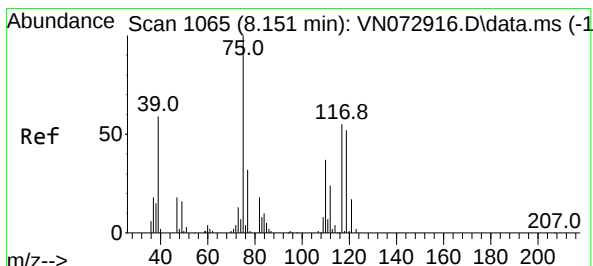
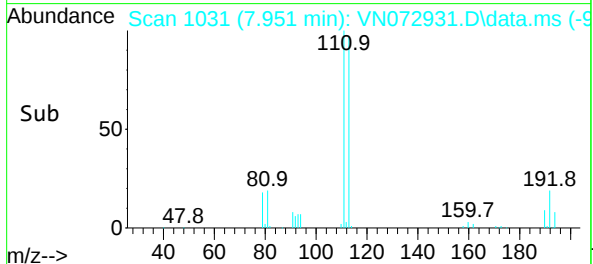
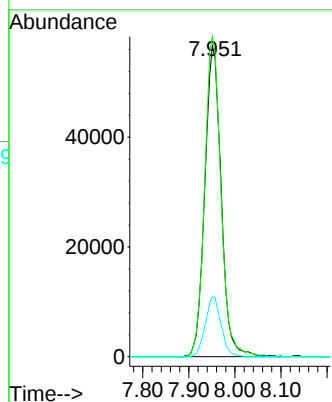
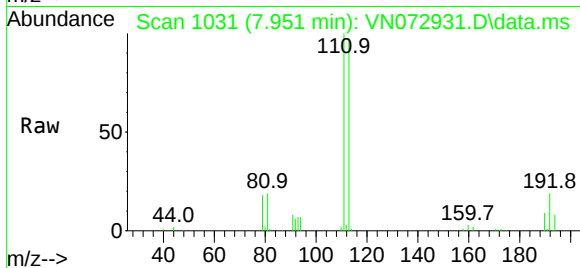
Tgt Ion:113 Resp: 140777

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.176 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

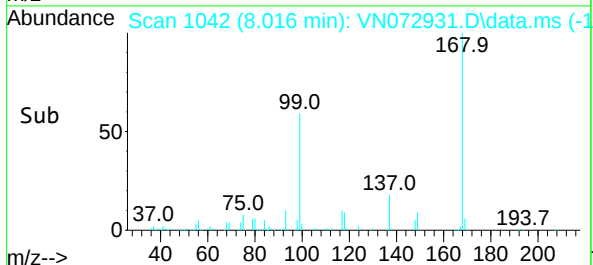
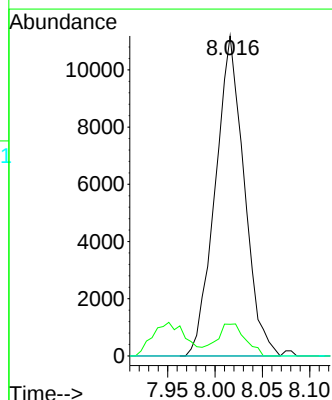
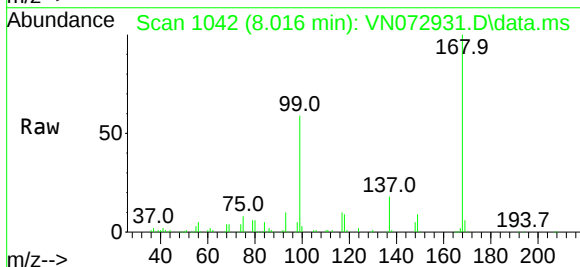
Tgt Ion: 75 Resp: 23745

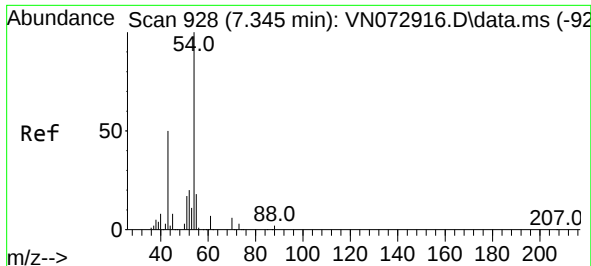
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 25.1 37.7#

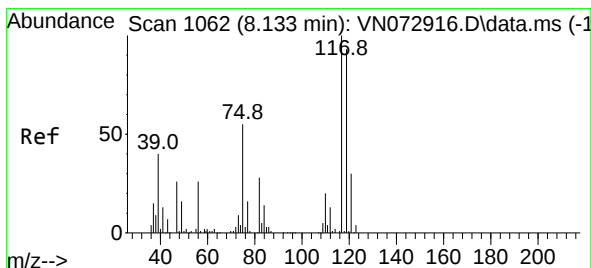
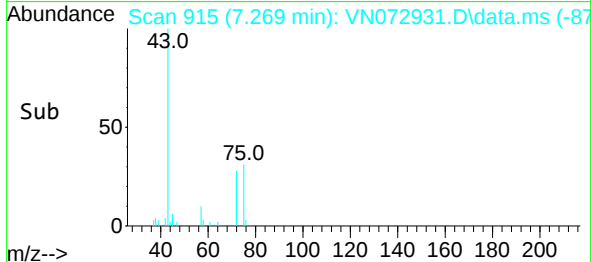
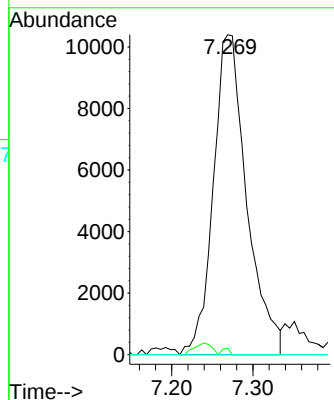
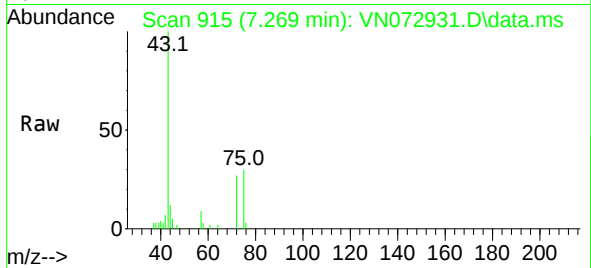




#37  
Ethyl Acetate  
Concen: 4.054 ug/l  
RT: 7.269 min Scan# 915  
Delta R.T. -0.076 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

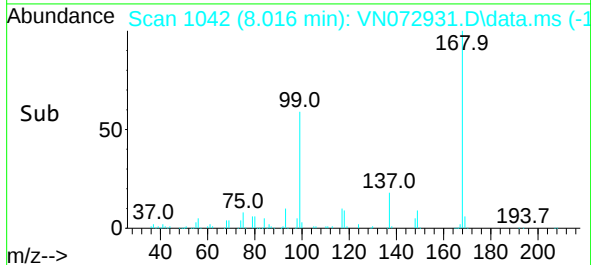
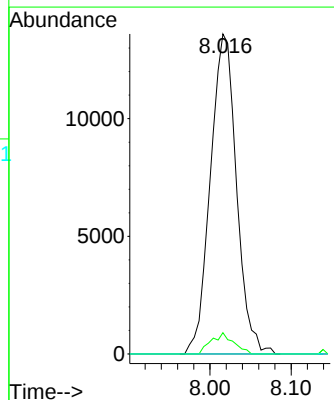
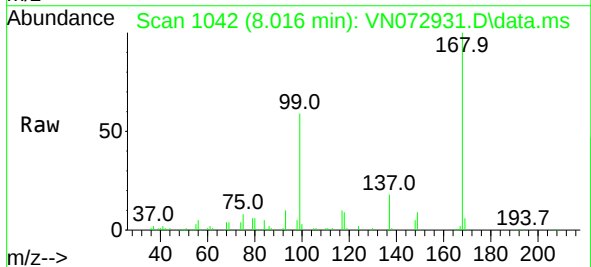
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

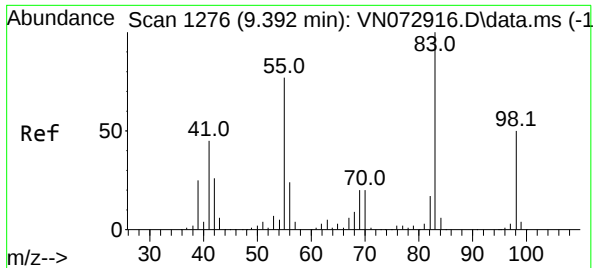
Tgt Ion: 43 Resp: 29744  
Ion Ratio Lower Upper  
43 100  
61 0.5 11.8 17.6#  
70 0.0 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 6.308 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.118 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 117 Resp: 30437  
Ion Ratio Lower Upper  
117 100  
119 6.7 75.8 113.8#  
121 0.0 24.6 37.0#

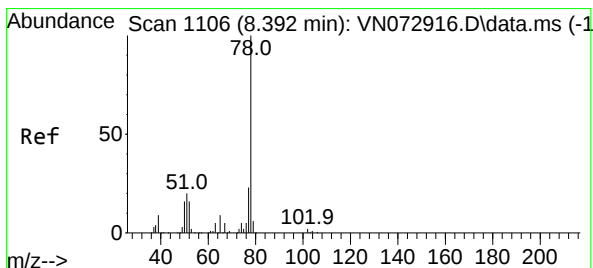
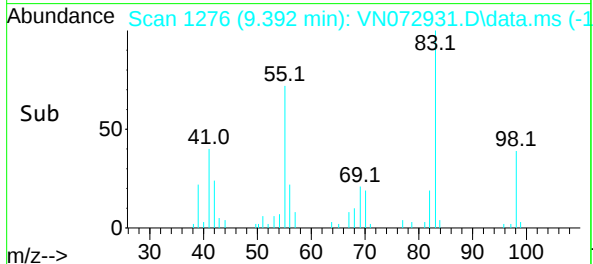
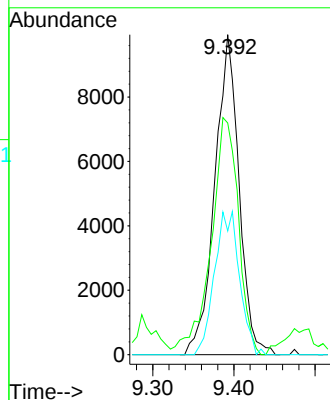
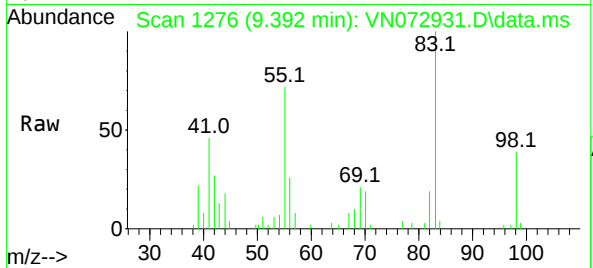




#39  
Methylcyclohexane  
Concen: 3.728 ug/l  
RT: 9.392 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

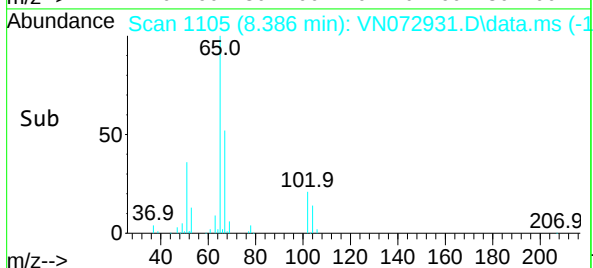
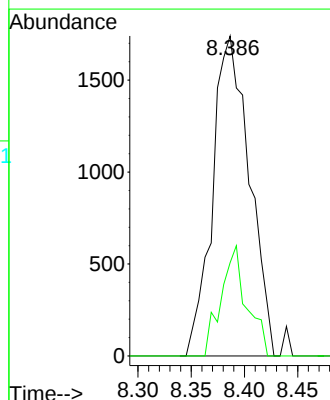
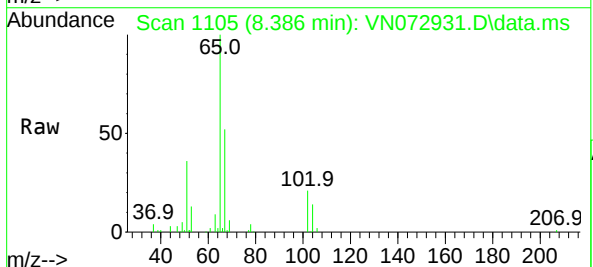
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

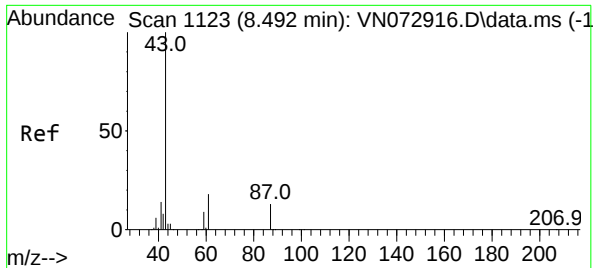
Tgt Ion: 83 Resp: 20612  
Ion Ratio Lower Upper  
83 100  
55 68.6 57.8 86.8  
98 38.7 39.4 59.2#



#40  
Benzene  
Concen: 0.291 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 78 Resp: 4196  
Ion Ratio Lower Upper  
78 100  
77 29.1 19.4 29.0#

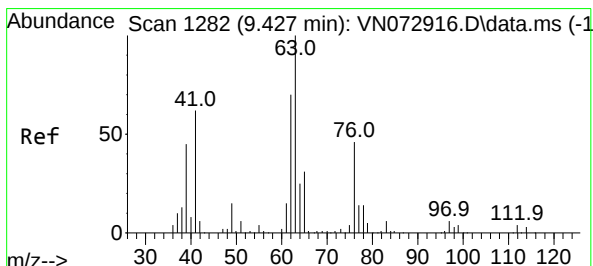
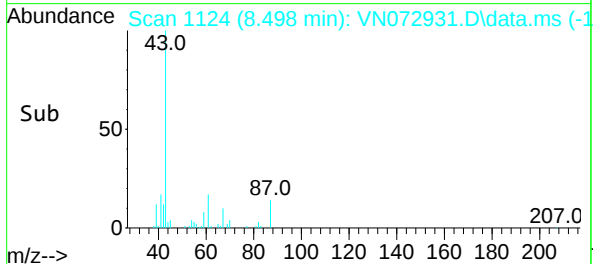
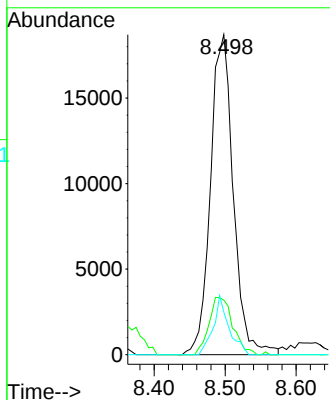
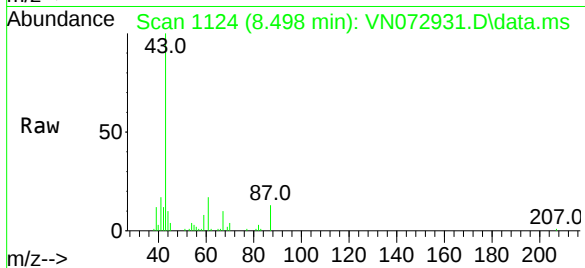




#43  
Isopropyl Acetate  
Concen: 3.984 ug/l  
RT: 8.498 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

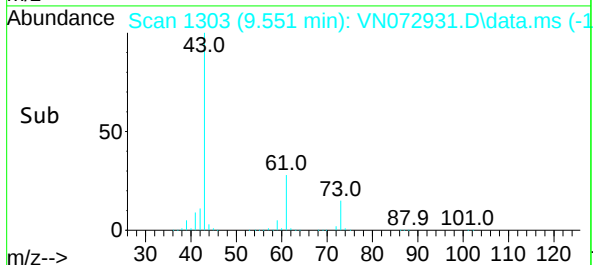
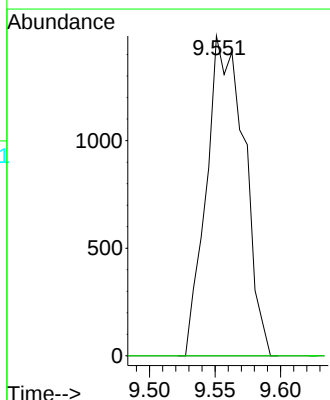
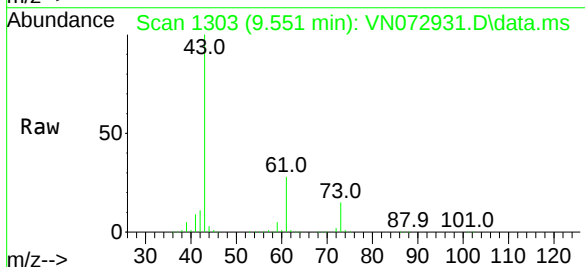
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

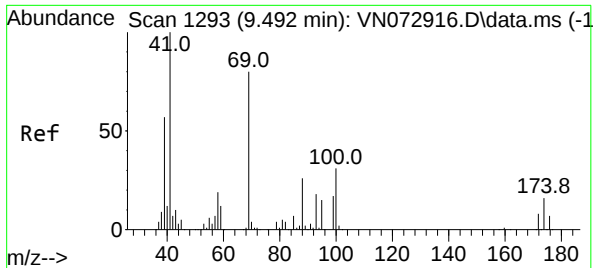
Tgt Ion: 43 Resp: 41791  
Ion Ratio Lower Upper  
43 100  
61 18.6 21.9 32.9#  
87 12.6 12.0 18.0



#45  
1,2-Dichloropropane  
Concen: 0.807 ug/l  
RT: 9.551 min Scan# 1303  
Delta R.T. 0.124 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 63 Resp: 2974  
Ion Ratio Lower Upper  
63 100  
65 0.0 24.9 37.3#

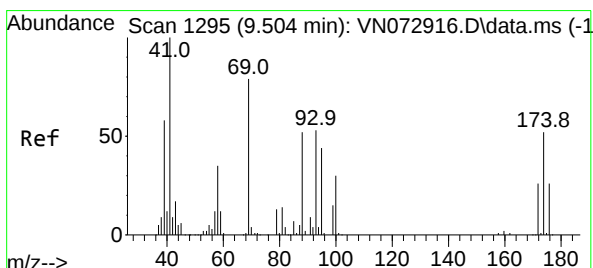
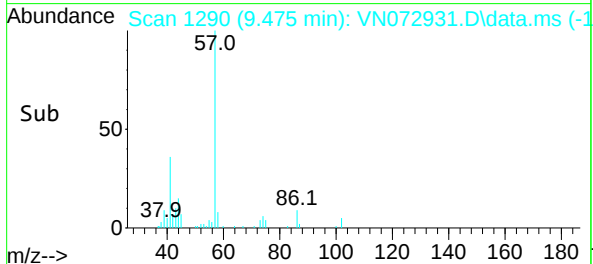
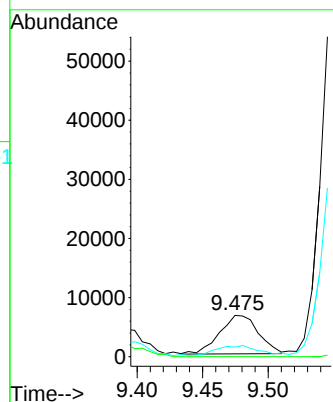
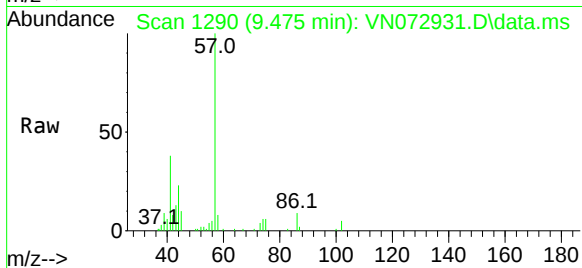




#48  
Methyl methacrylate  
Concen: 2.796 ug/l  
RT: 9.475 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

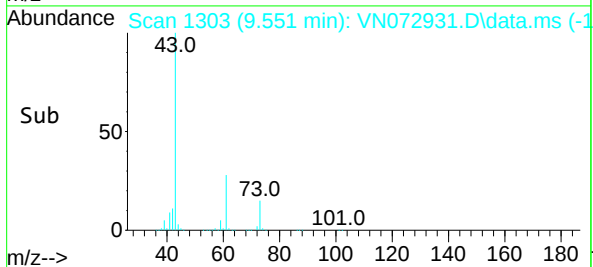
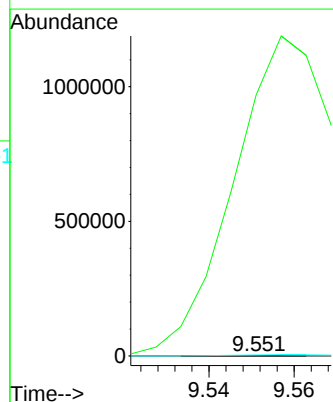
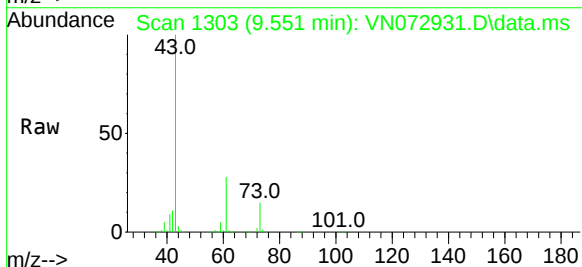
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

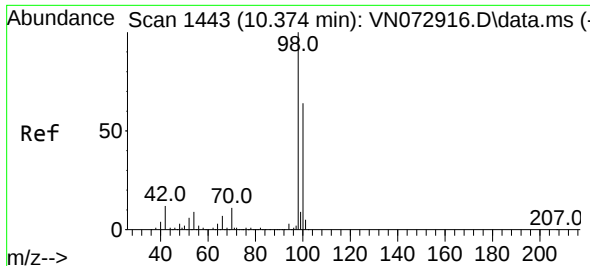
Tgt Ion: 41 Resp: 13389  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.7 112.1#  
39 27.9 45.6 68.4#



#49  
1,4-Dioxane  
Concen: 1.401 ug/l  
RT: 9.551 min Scan# 1303  
Delta R.T. 0.047 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 88 Resp: 151  
Ion Ratio Lower Upper  
88 100  
43 1463461.6 20.2 30.4#  
58 5569.5 54.2 81.4#

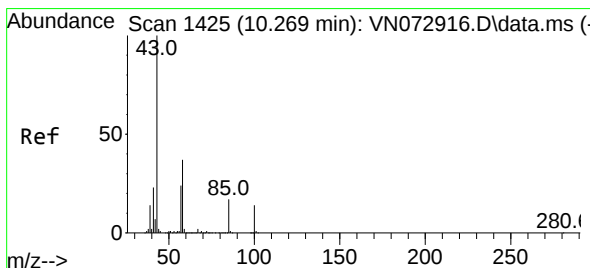
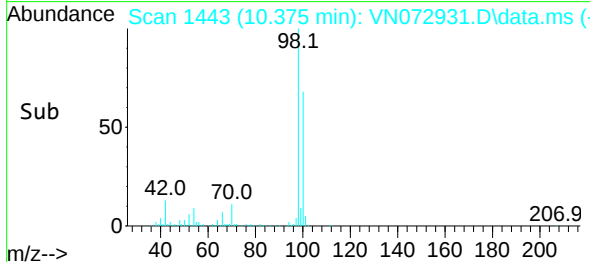
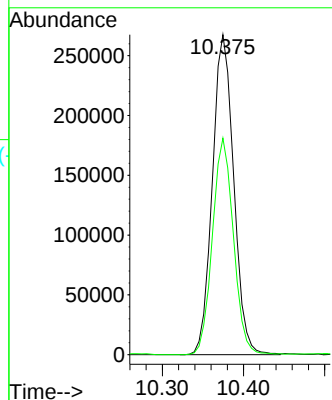
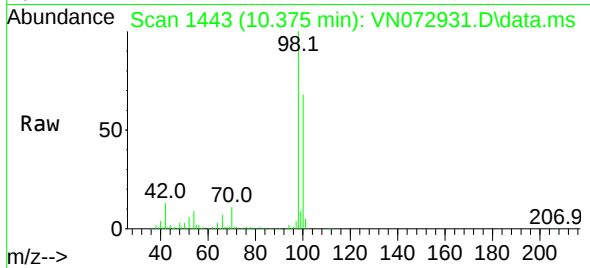




#50  
Toluene-d8  
Concen: 38.689 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

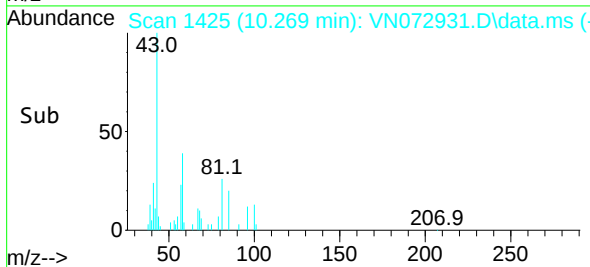
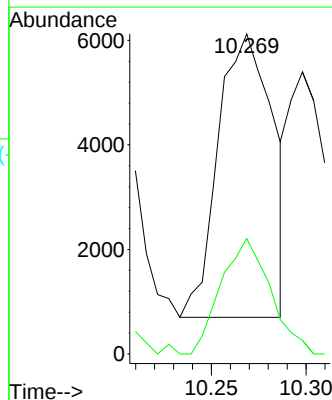
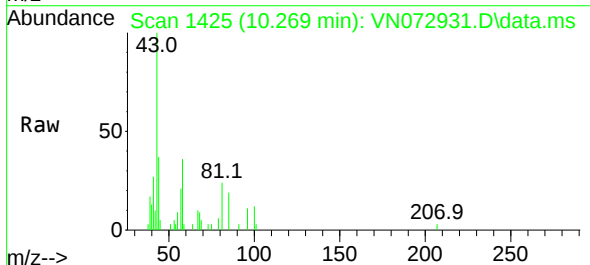
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

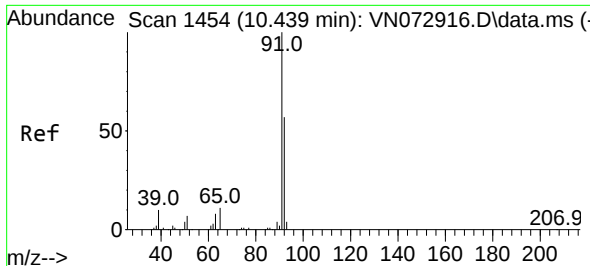
Tgt Ion: 98 Resp: 488078  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 1.586 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 43 Resp: 10851  
Ion Ratio Lower Upper  
43 100  
58 36.9 34.1 51.1

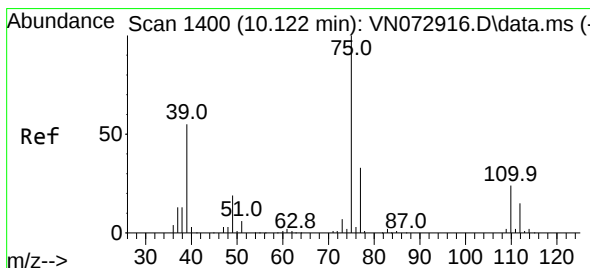
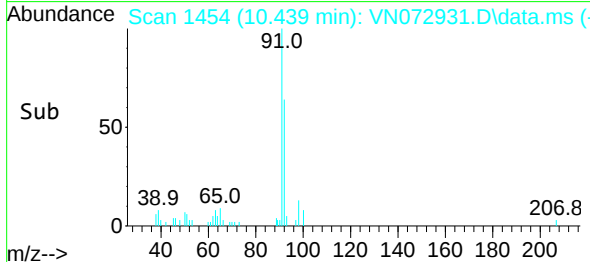
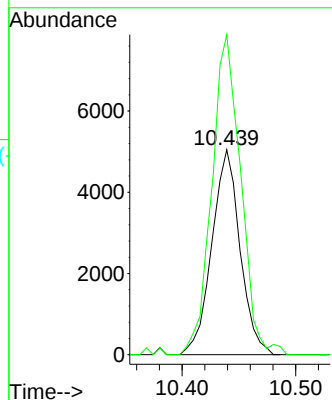
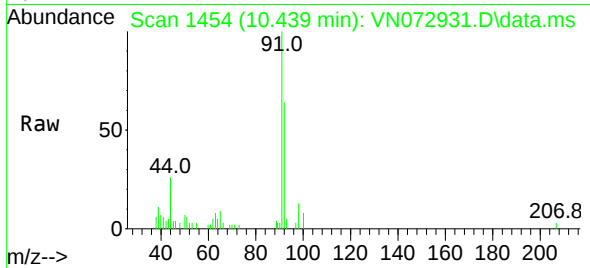




#52  
Toluene  
Concen: 0.984 ug/l  
RT: 10.439 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

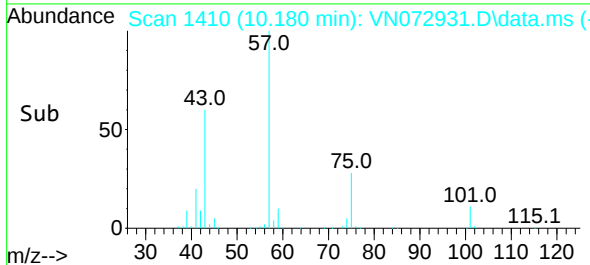
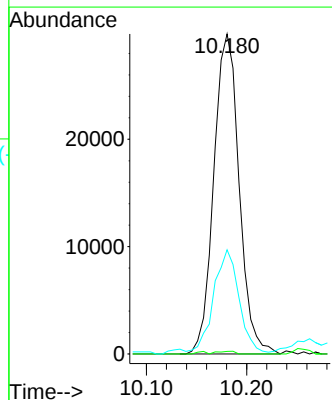
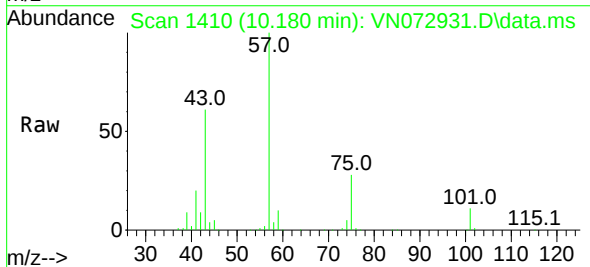
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

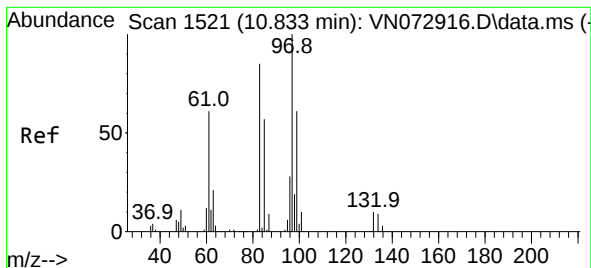
Tgt Ion: 92 Resp: 8713  
Ion Ratio Lower Upper  
92 100  
91 160.2 138.6 207.8



#54  
cis-1,3-Dichloropropene  
Concen: 8.966 ug/l  
RT: 10.180 min Scan# 1410  
Delta R.T. 0.059 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 75 Resp: 52158  
Ion Ratio Lower Upper  
75 100  
77 0.8 25.2 37.8#  
39 31.0 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 1.211 ug/l

RT: 10.816 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

Instrument :

MSVOA\_N

ClientSampleId :

WC-14A-1A-11

Tgt Ion: 97 Resp: 4708

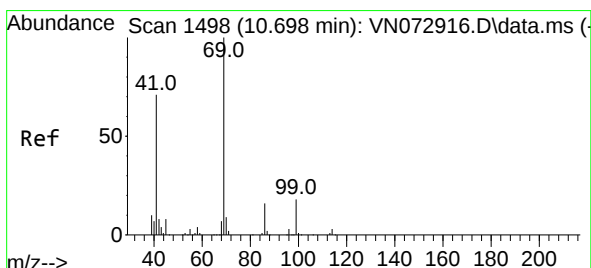
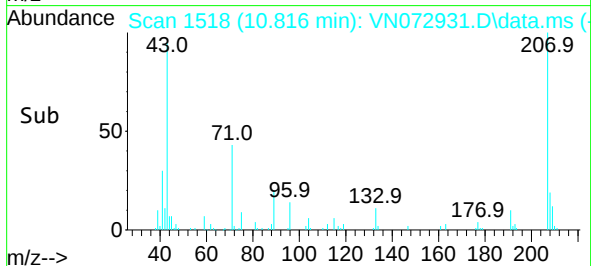
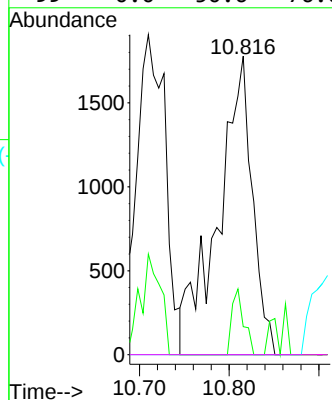
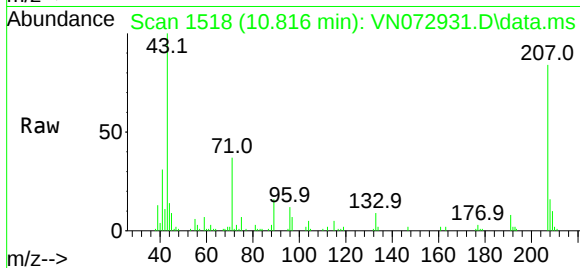
Ion Ratio Lower Upper

97 100

83 9.4 66.2 99.4#

85 0.0 43.9 65.9#

99 0.0 50.6 76.0#



#56

Ethyl methacrylate

Concen: 0.204 ug/l

RT: 10.710 min Scan# 1500

Delta R.T. 0.012 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

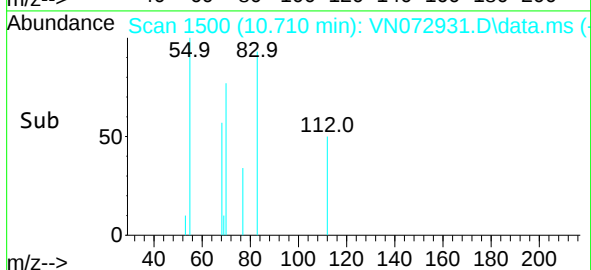
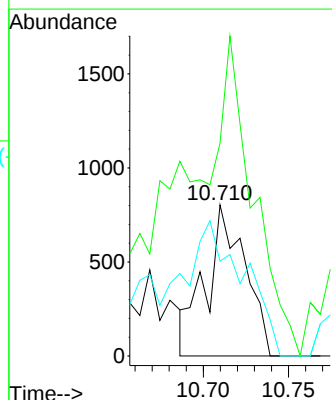
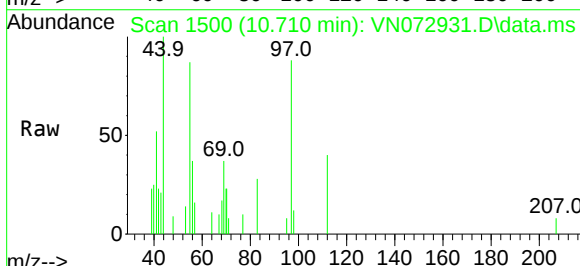
Tgt Ion: 69 Resp: 1271

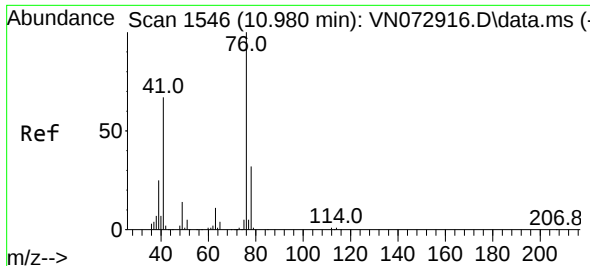
Ion Ratio Lower Upper

69 100

41 183.1 47.8 71.6#

39 127.6 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 4.611 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.047 min

Lab File: VN072931.D

Acq: 18 Jun 2022 11:41

Instrument :

MSVOA\_N

ClientSampleId :

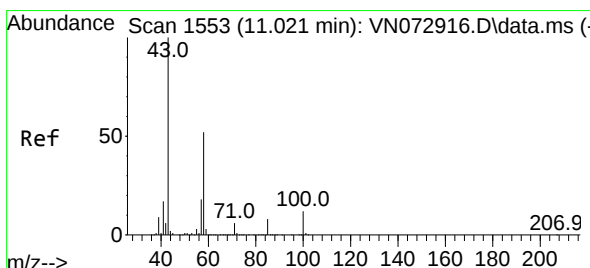
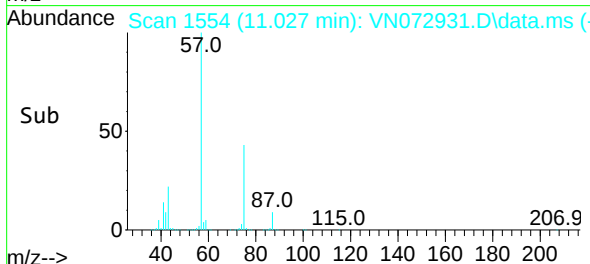
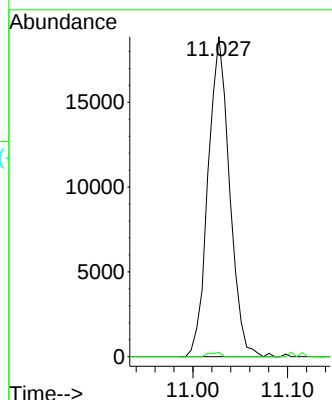
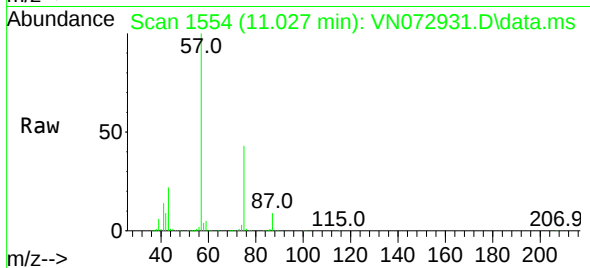
WC-14A-1A-11

Tgt Ion: 76 Resp: 29730

Ion Ratio Lower Upper

76 100

78 0.8 26.2 39.2#



#59

2-Hexanone

Concen: 88.454 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.006 min

Lab File: VN072931.D

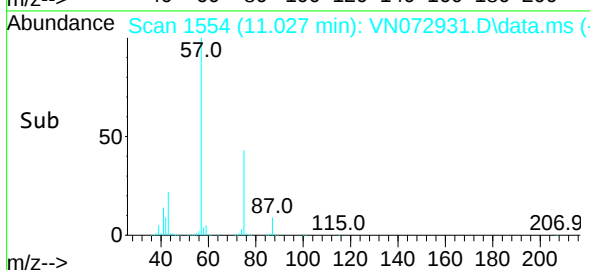
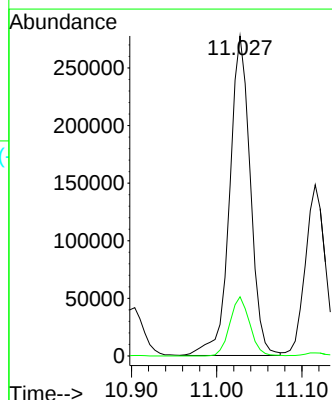
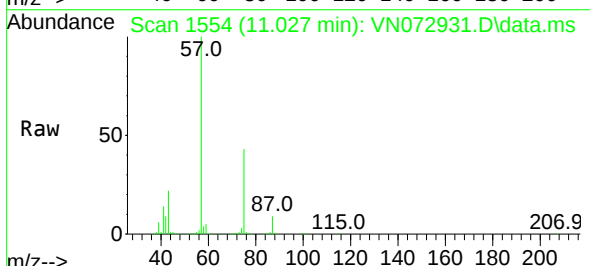
Acq: 18 Jun 2022 11:41

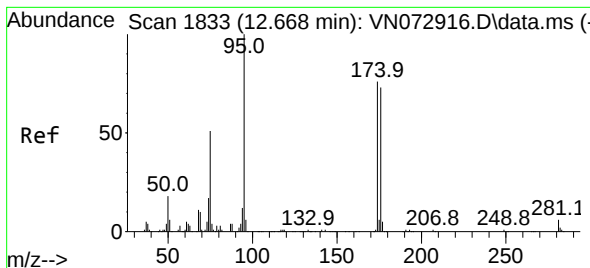
Tgt Ion: 43 Resp: 467940

Ion Ratio Lower Upper

43 100

58 17.8 29.7 89.1#

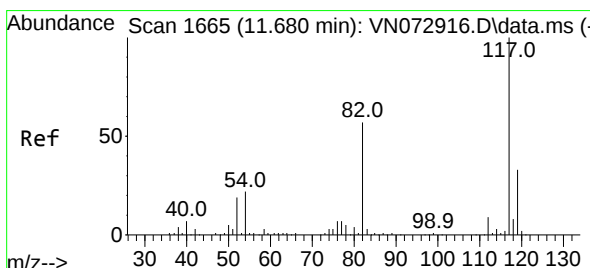
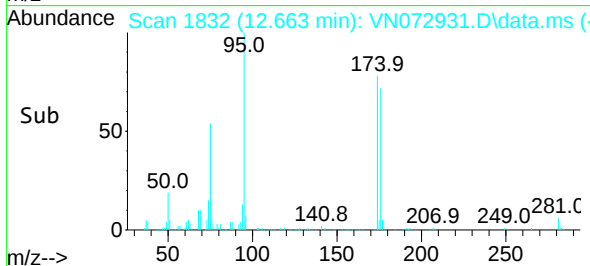
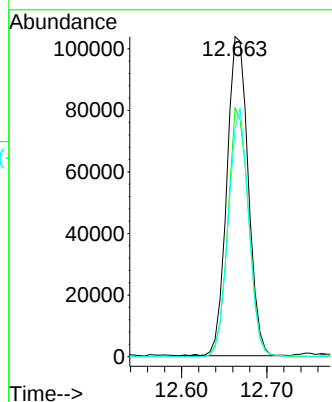
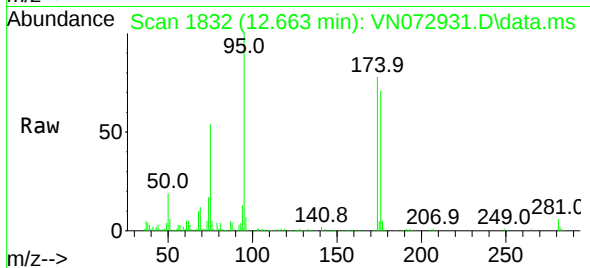




#62  
4-Bromofluorobenzene  
Concen: 39.797 ug/l  
RT: 12.663 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

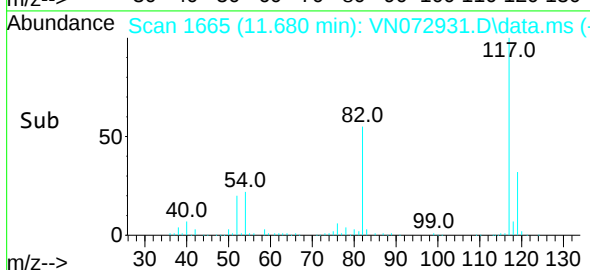
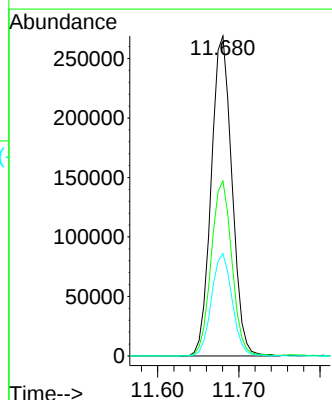
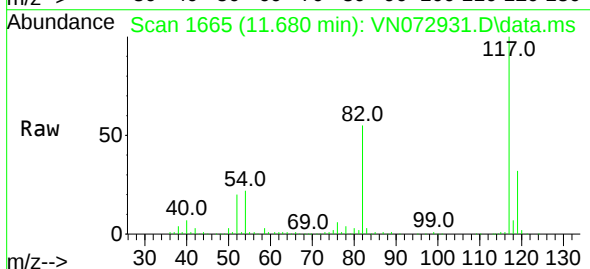
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

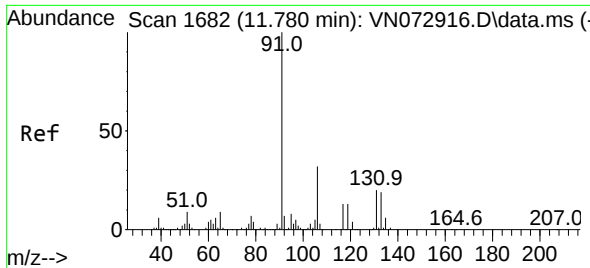
Tgt Ion: 95 Resp: 180530  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 167.6  
176 74.2 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 117 Resp: 477148  
Ion Ratio Lower Upper  
117 100  
82 54.6 44.2 66.2  
119 32.0 25.4 38.0

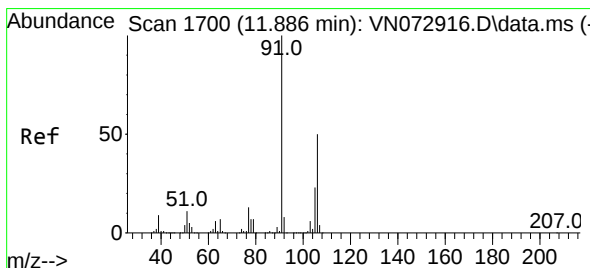
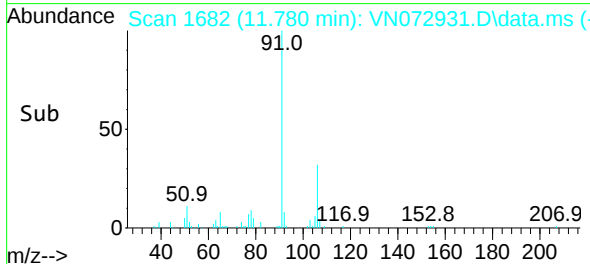
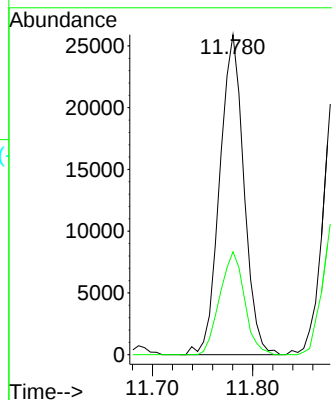
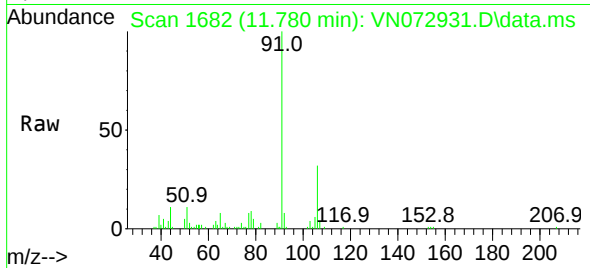




#67  
Ethyl Benzene  
Concen: 2.642 ug/l  
RT: 11.780 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

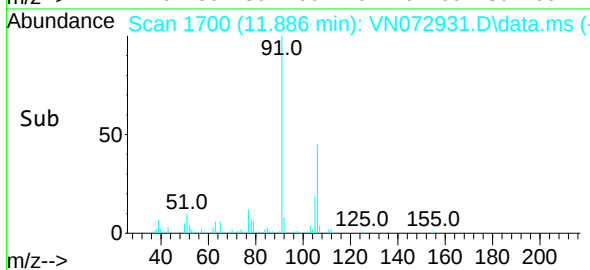
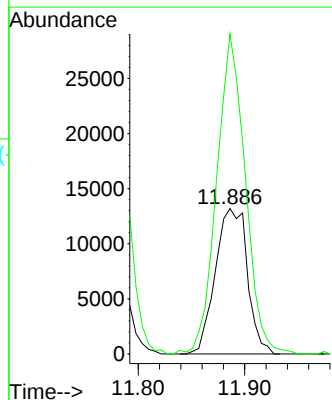
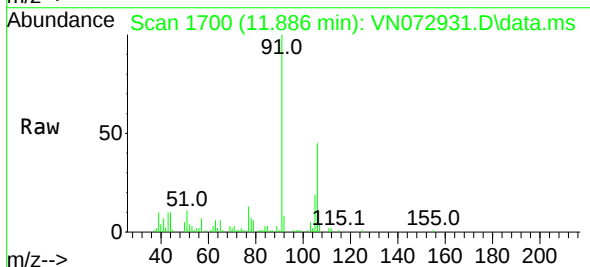
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

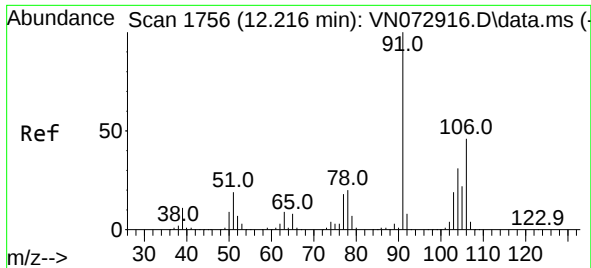
Tgt Ion: 91 Resp: 43337  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 4.282 ug/l  
RT: 11.886 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 106 Resp: 27550  
Ion Ratio Lower Upper  
106 100  
91 197.0 158.9 238.3

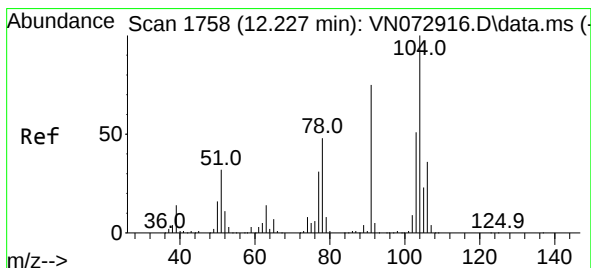
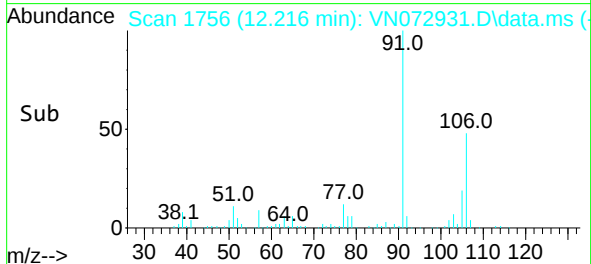
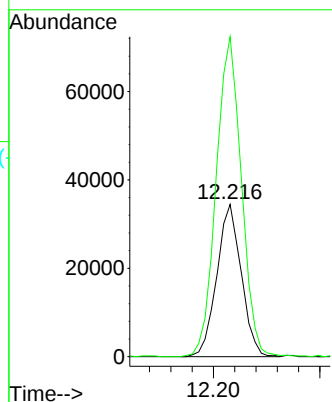
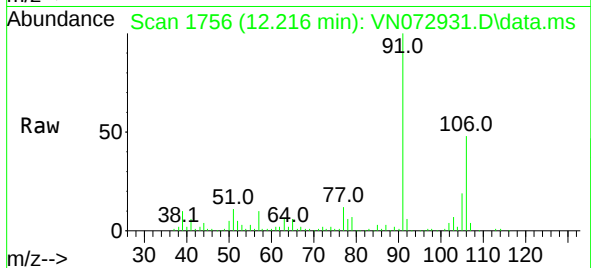




#69  
o-Xylene  
Concen: 8.526 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

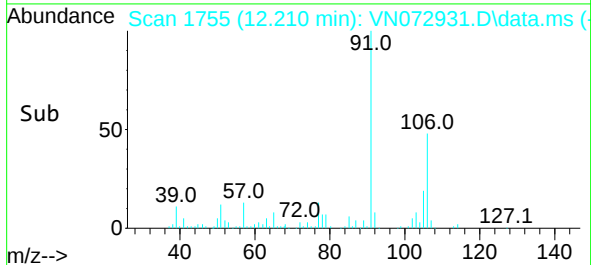
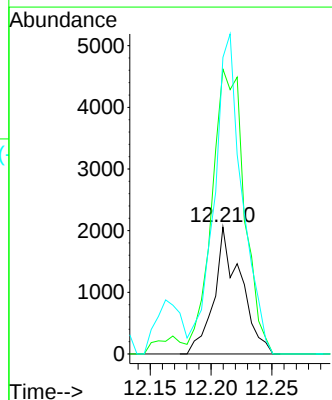
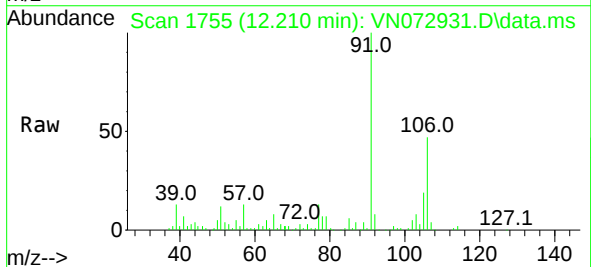
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

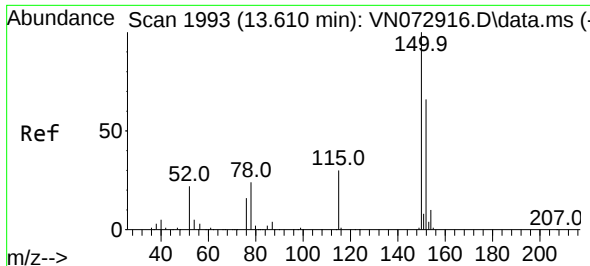
Tgt Ion:106 Resp: 54814  
Ion Ratio Lower Upper  
106 100  
91 217.5 106.0 318.0



#70  
Styrene  
Concen: 0.303 ug/l  
RT: 12.210 min Scan# 1755  
Delta R.T. -0.018 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion:104 Resp: 3132  
Ion Ratio Lower Upper  
104 100  
78 273.4 39.5 59.3#  
103 266.2 44.0 66.0#

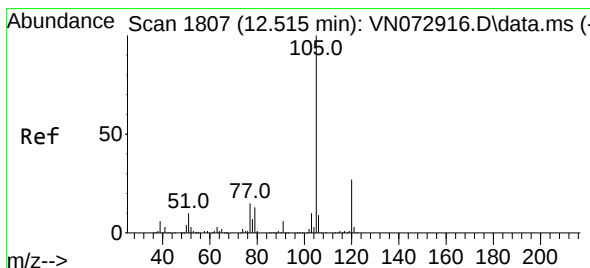
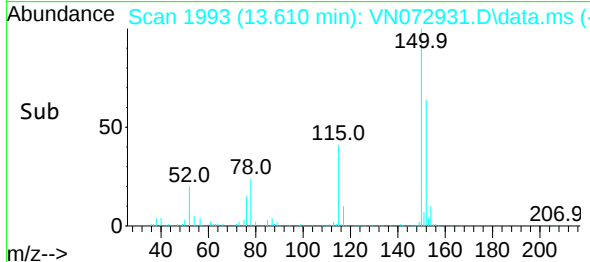
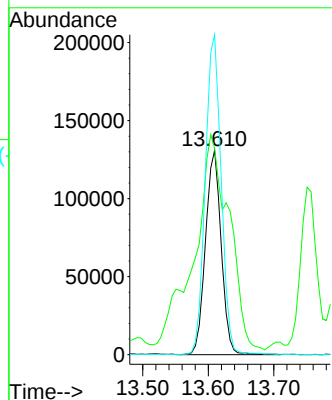
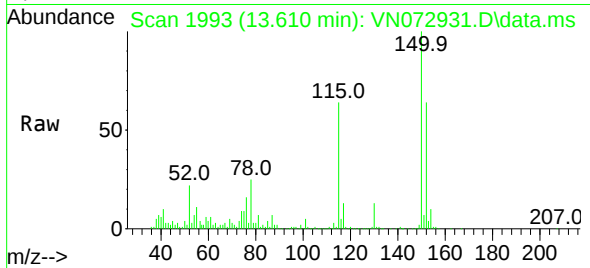




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

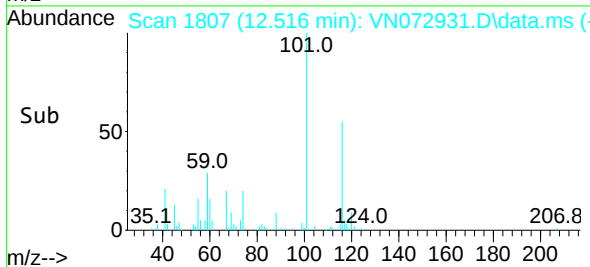
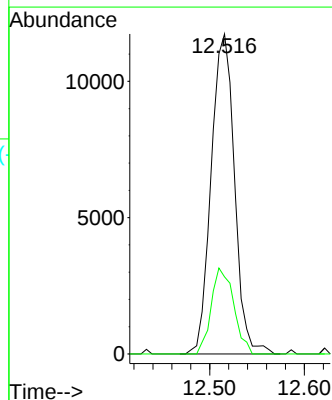
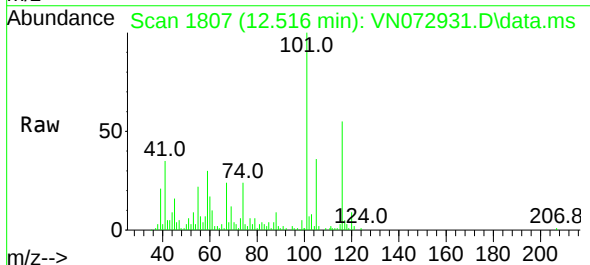
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

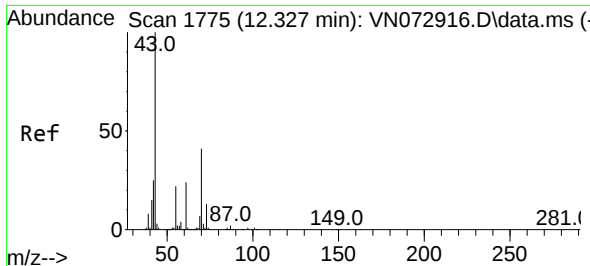
Tgt Ion:152 Resp: 218528  
Ion Ratio Lower Upper  
152 100  
115 234.7 28.9 86.7#  
150 159.0 0.0 356.2



#73  
Isopropylbenzene  
Concen: 1.189 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion:105 Resp: 20106  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.5 40.4

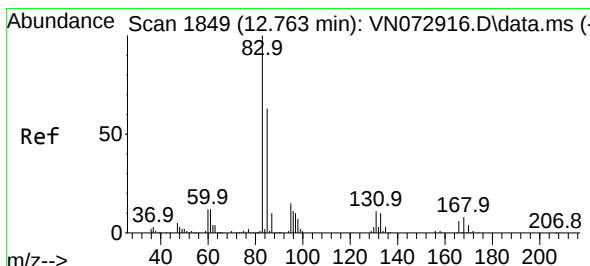
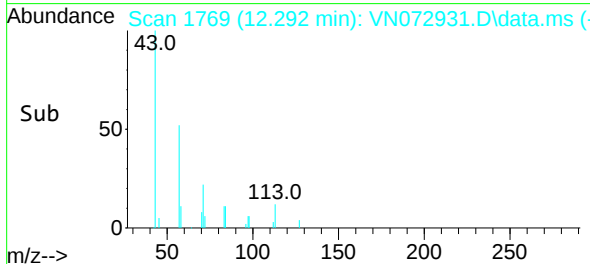
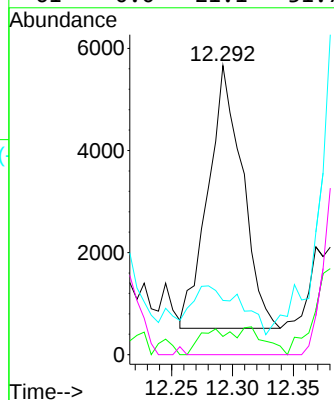
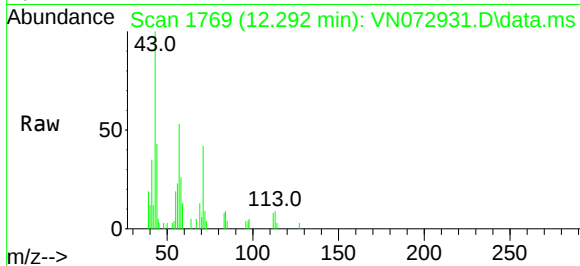




#74  
N-amy1 acetate  
Concen: 1.152 ug/l  
RT: 12.292 min Scan# 1769  
Delta R.T. -0.035 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

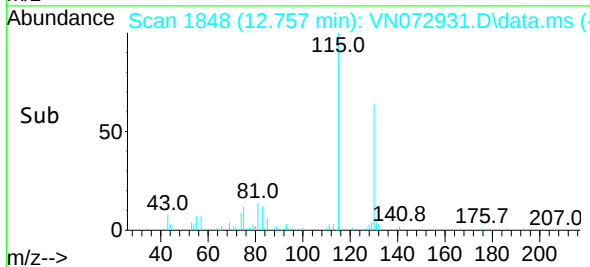
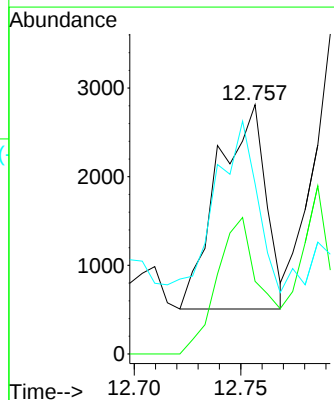
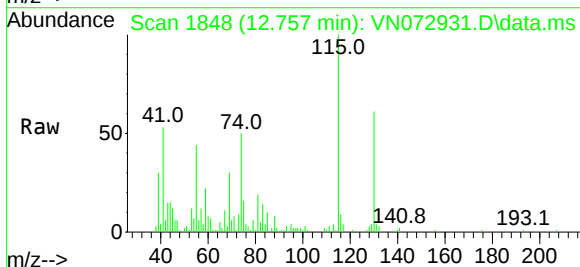
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

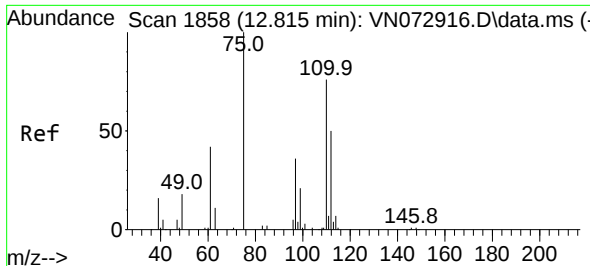
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 10110 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 6.7      | 39.0 58.4#  |
| 55 25.8     | 21.1 31.7   |
| 61 0.0      | 21.1 31.7#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.593 ug/l  
RT: 12.757 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 3610  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 61.7    | 5.3 15.9#   |
| 85 99.0     | 32.3 96.9#  |

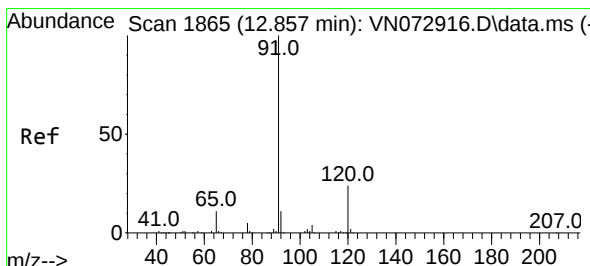
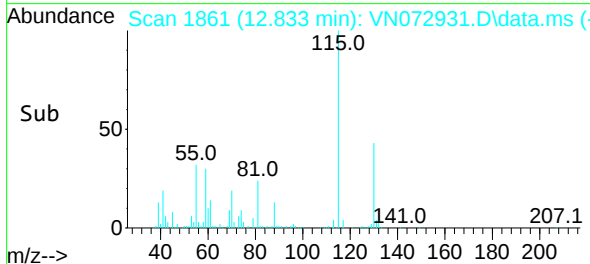
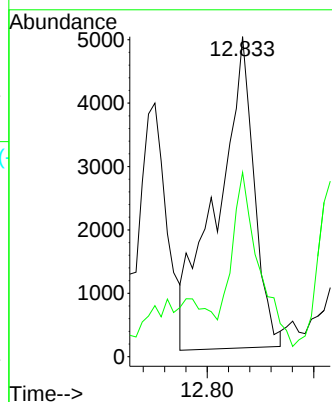
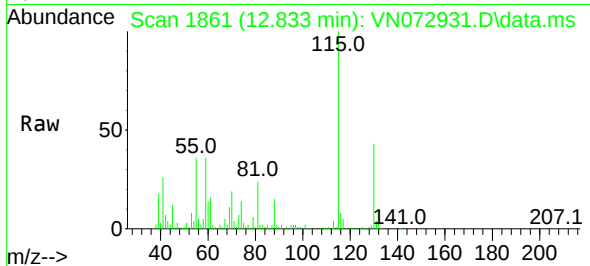




#76  
1,2,3-Trichloropropane  
Concen: 2.240 ug/l  
RT: 12.833 min Scan# 1861  
Delta R.T. 0.018 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

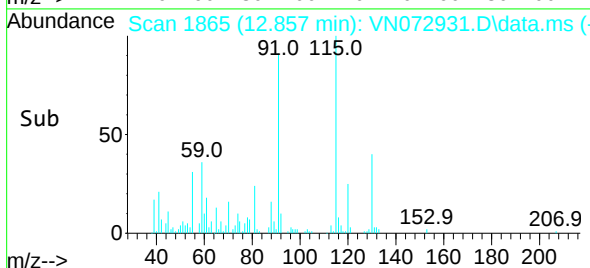
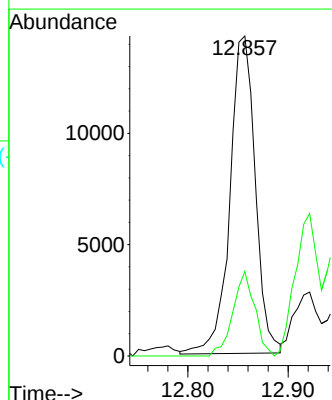
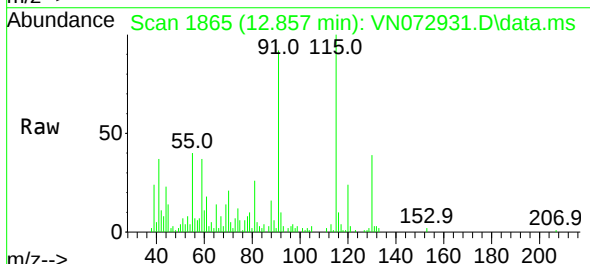
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

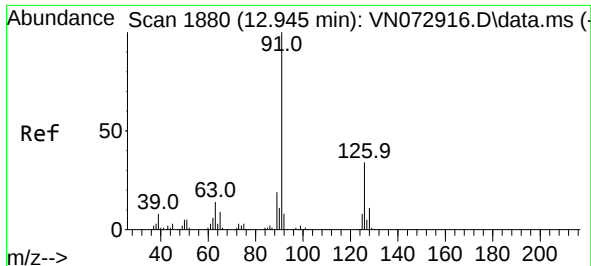
Tgt Ion: 75 Resp: 11867  
Ion Ratio Lower Upper  
75 100  
77 40.8 98.5 295.5#



#78  
n-propylbenzene  
Concen: 1.349 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 91 Resp: 25093  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.9 35.5

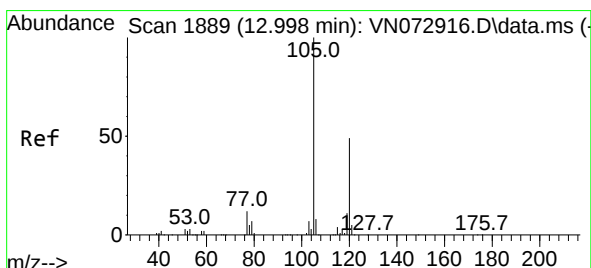
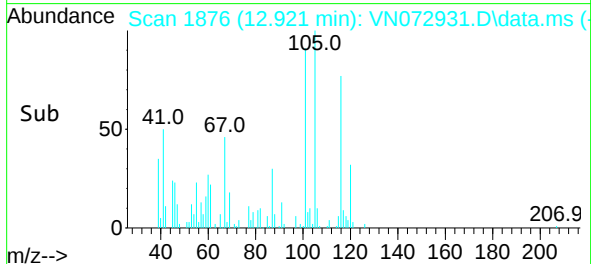
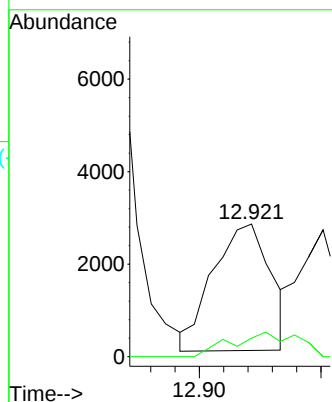
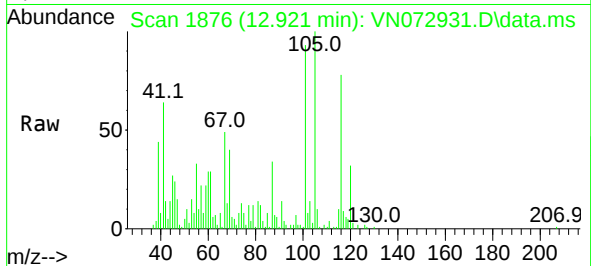




#79  
2-Chlorotoluene  
Concen: 0.375 ug/l  
RT: 12.921 min Scan# 1886  
Delta R.T. -0.023 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

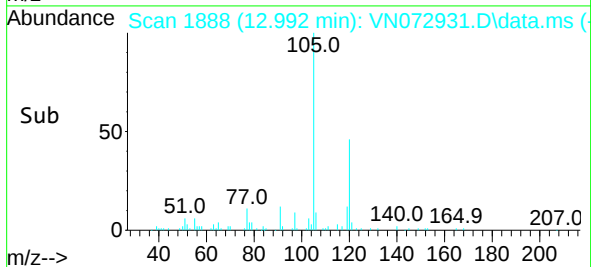
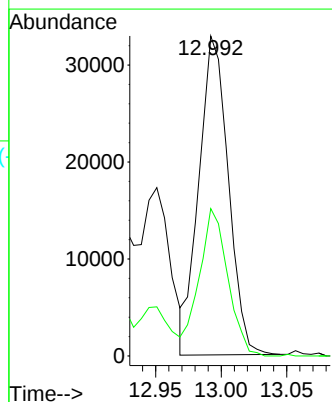
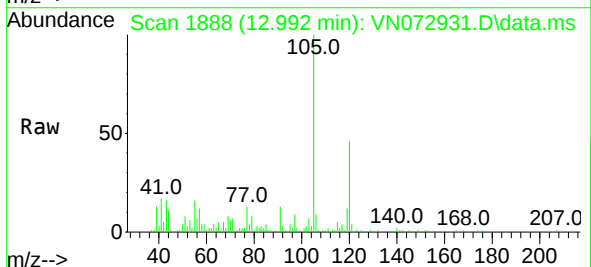
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MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

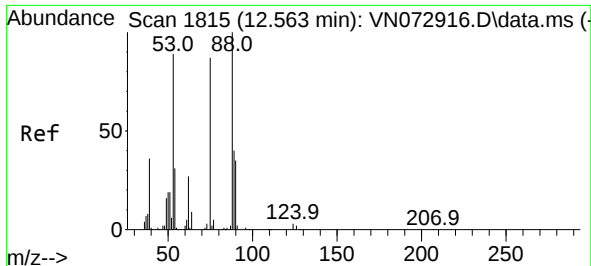
Tgt Ion: 91 Resp: 4510  
Ion Ratio Lower Upper  
91 100  
126 22.1 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 3.689 ug/l  
RT: 12.992 min Scan# 1888  
Delta R.T. -0.006 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 105 Resp: 51227  
Ion Ratio Lower Upper  
105 100  
120 45.2 24.9 74.7

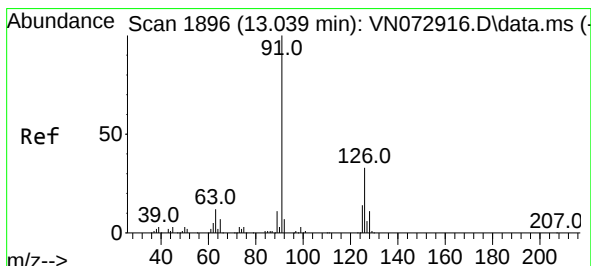
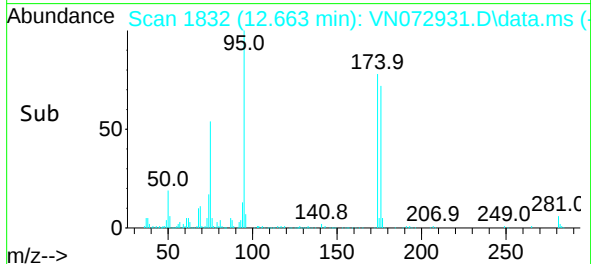
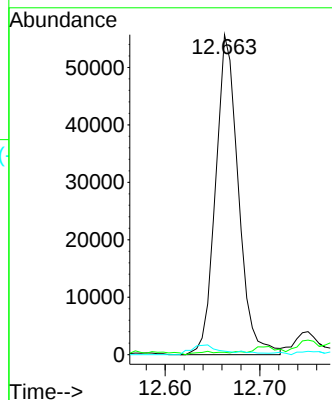
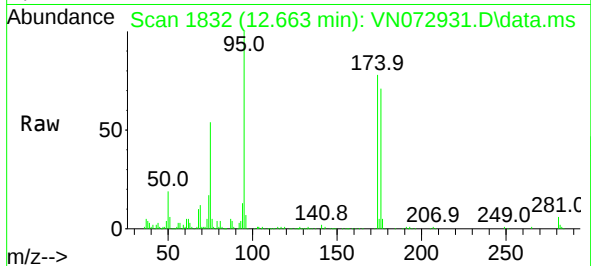




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.533 ug/l  
RT: 12.663 min Scan# 1832  
Delta R.T. 0.100 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

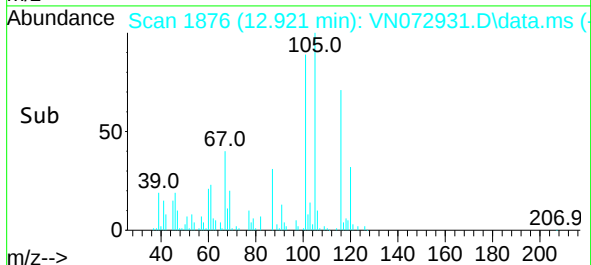
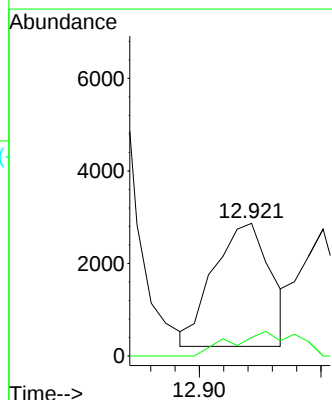
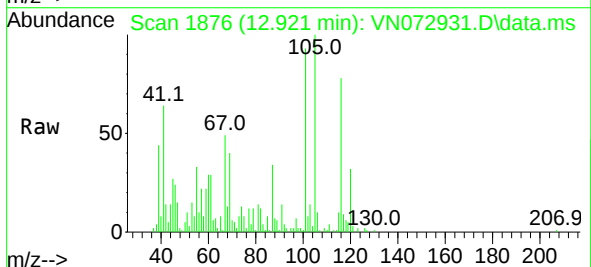
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ClientSampleId :  
WC-14A-1A-11

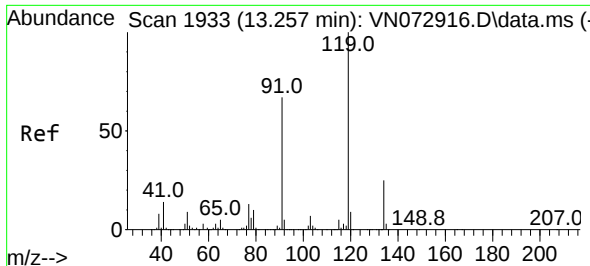
Tgt Ion: 75 Resp: 93251  
Ion Ratio Lower Upper  
75 100  
53 0.9 78.0 117.0#  
89 3.6 37.2 55.8#



#82  
4-Chlorotoluene  
Concen: 0.379 ug/l  
RT: 12.921 min Scan# 1876  
Delta R.T. -0.118 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 91 Resp: 4320  
Ion Ratio Lower Upper  
91 100  
126 23.0 17.2 51.6

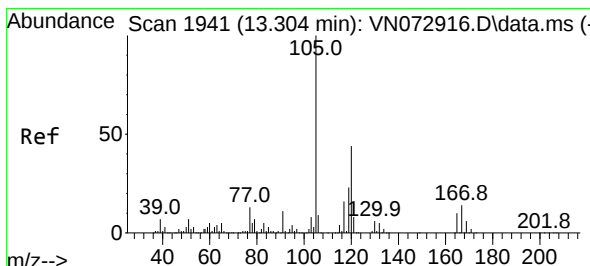
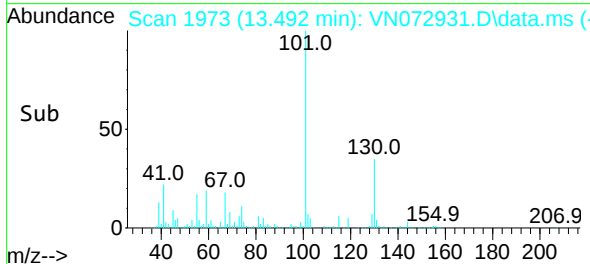
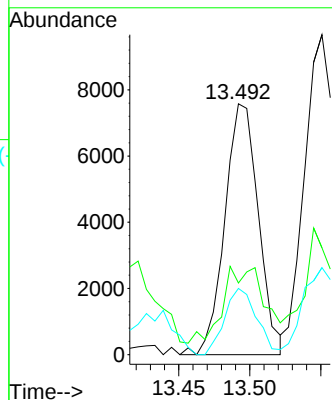
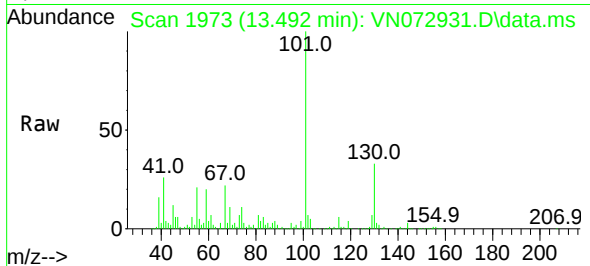




#83  
tert-Butylbenzene  
Concen: 0.982 ug/l  
RT: 13.492 min Scan# 1933  
Delta R.T. 0.235 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

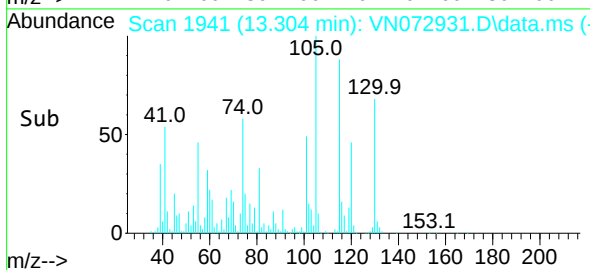
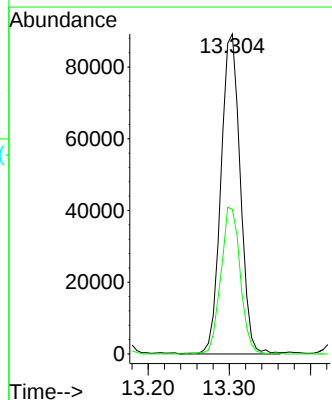
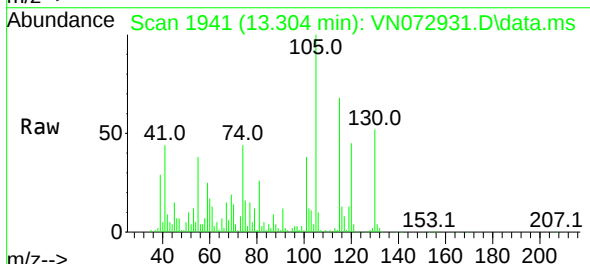
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

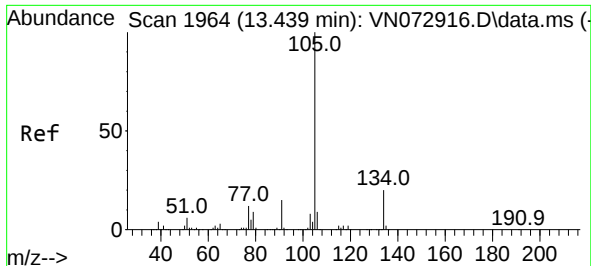
Tgt Ion:119 Resp: 12490  
Ion Ratio Lower Upper  
119 100  
91 37.0 31.6 94.8  
134 25.3 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 10.673 ug/l  
RT: 13.304 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion:105 Resp: 147623  
Ion Ratio Lower Upper  
105 100  
120 46.0 23.3 69.8

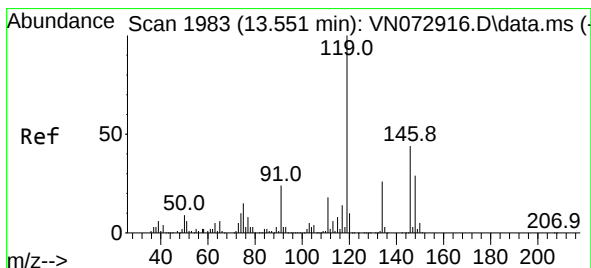
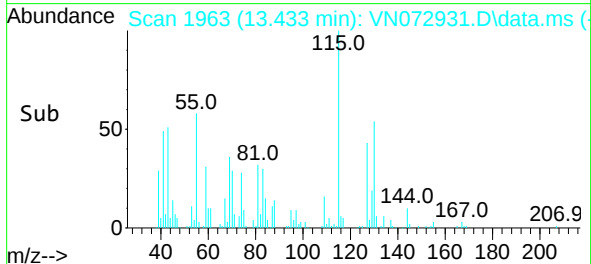
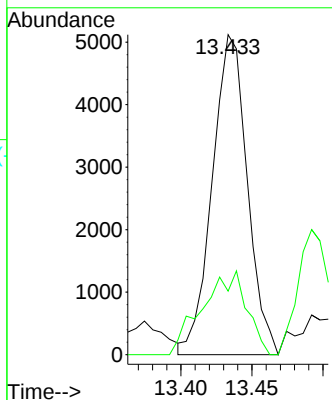
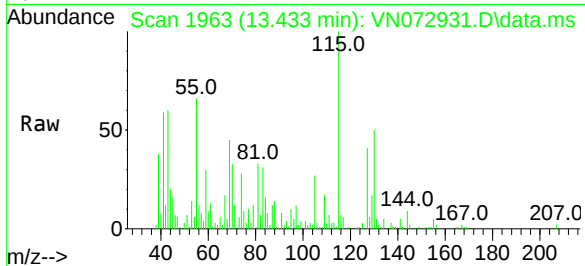




#85  
 sec-Butylbenzene  
 Concen: 0.517 ug/l  
 RT: 13.433 min Scan# 1963  
 Delta R.T. -0.006 min  
 Lab File: VN072931.D  
 Acq: 18 Jun 2022 11:41

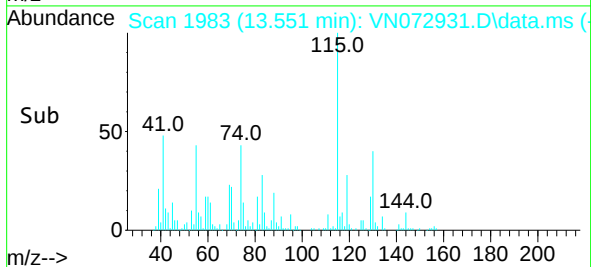
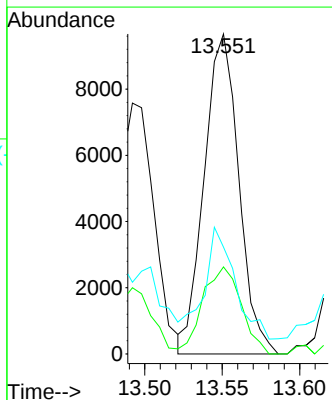
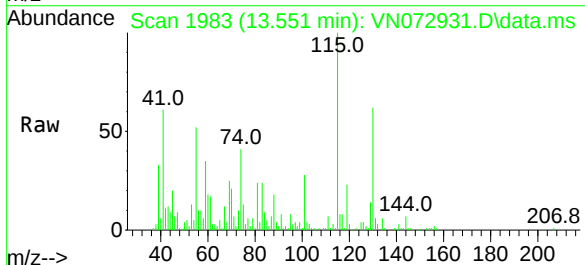
Instrument :  
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 ClientSampleId :  
 WC-14A-1A-11

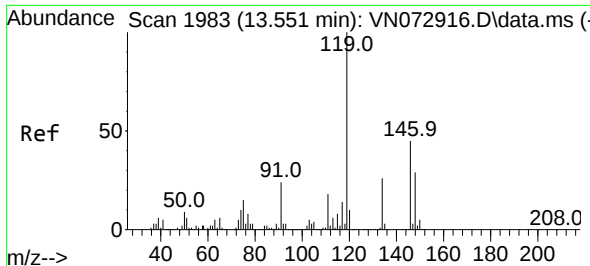
Tgt Ion:105 Resp: 8765  
 Ion Ratio Lower Upper  
 105 100  
 134 33.2 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 1.092 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN072931.D  
 Acq: 18 Jun 2022 11:41

Tgt Ion:119 Resp: 14997  
 Ion Ratio Lower Upper  
 119 100  
 134 30.2 13.3 39.8  
 91 30.9 11.3 33.9

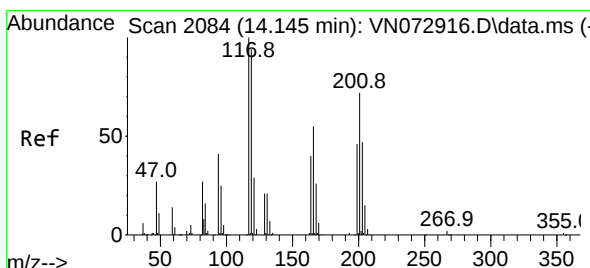
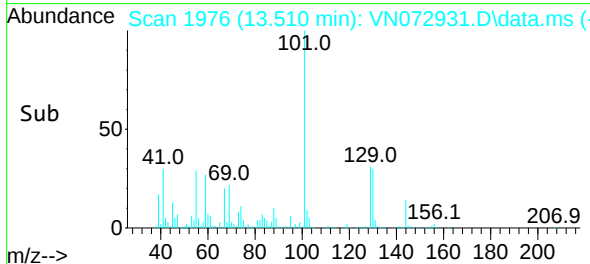
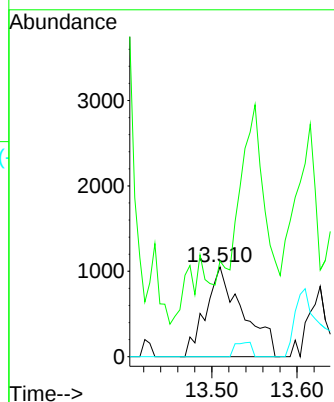
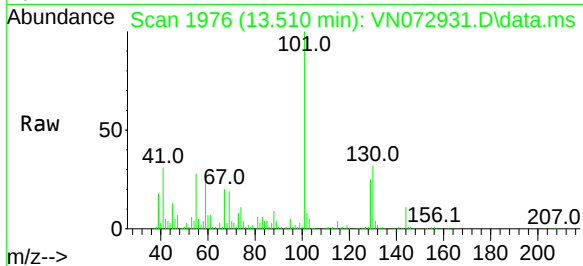




#87  
 1,3-Dichlorobenzene  
 Concen: 0.438 ug/l  
 RT: 13.510 min Scan# 1983  
 Delta R.T. -0.041 min  
 Lab File: VN072931.D  
 Acq: 18 Jun 2022 11:41

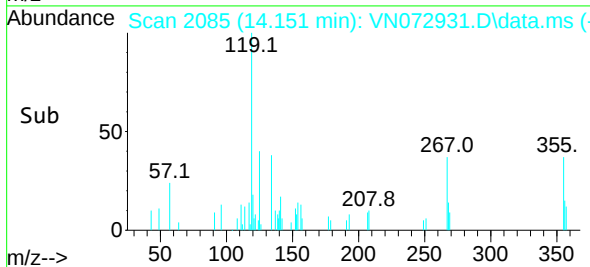
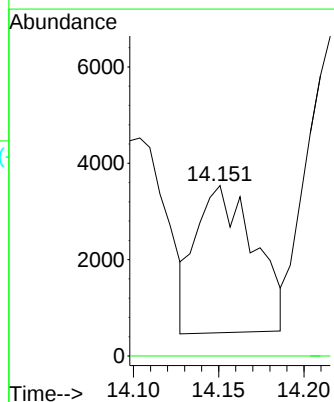
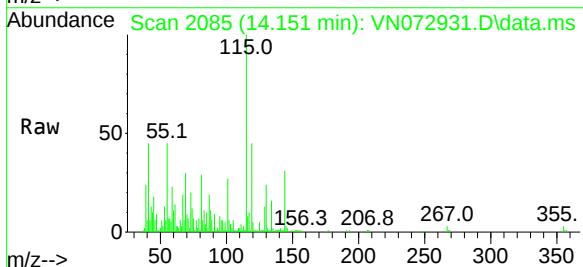
Instrument :  
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 ClientSampleId :  
 WC-14A-1A-11

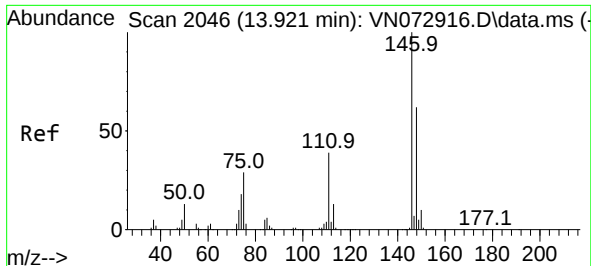
Tgt Ion:146 Resp: 3166  
 Ion Ratio Lower Upper  
 146 100  
 111 0.0 20.0 60.0#  
 148 0.0 32.0 96.0#



#90  
 Hexachloroethane  
 Concen: 2.805 ug/l  
 RT: 14.151 min Scan# 2085  
 Delta R.T. 0.006 min  
 Lab File: VN072931.D  
 Acq: 18 Jun 2022 11:41

Tgt Ion:117 Resp: 7264  
 Ion Ratio Lower Upper  
 117 100  
 201 0.0 40.6 122.0#

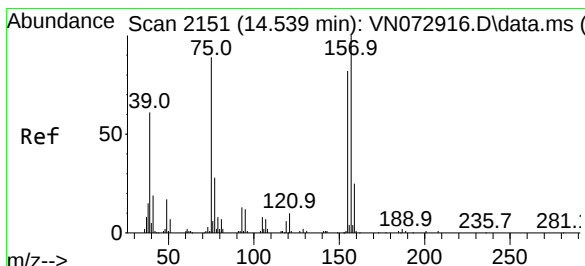
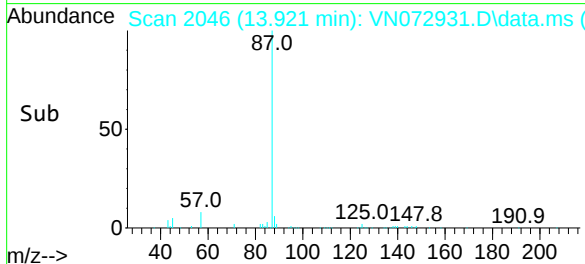
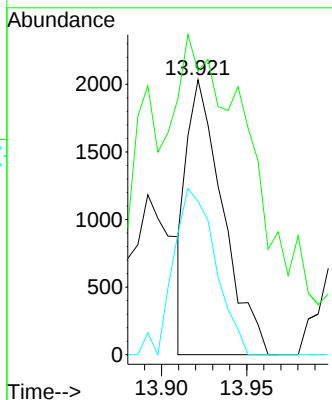
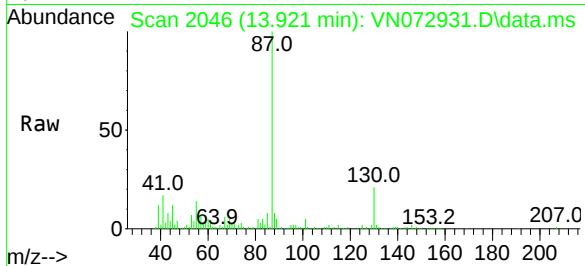




#91  
1,2-Dichlorobenzene  
Concen: 0.398 ug/l  
RT: 13.921 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

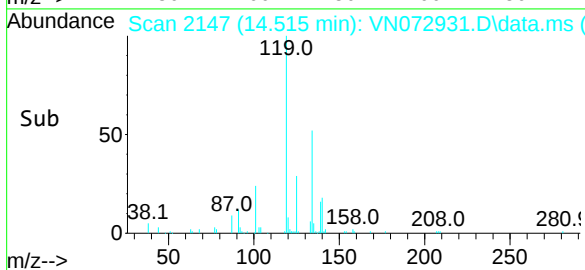
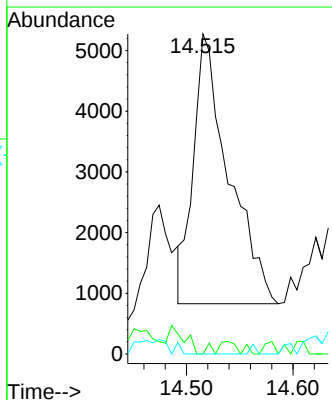
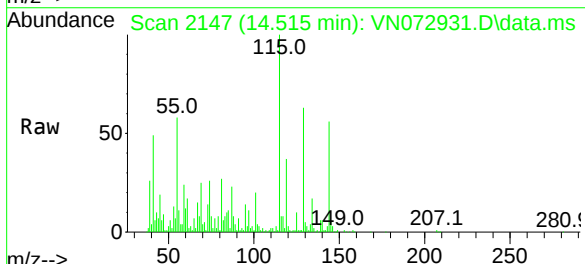
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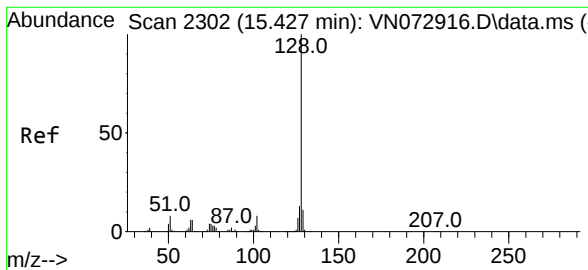
Tgt Ion:146 Resp: 3002  
Ion Ratio Lower Upper  
146 100  
111 184.5 20.9 62.8#  
148 70.6 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 6.619 ug/l  
RT: 14.515 min Scan# 2147  
Delta R.T. -0.024 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Tgt Ion: 75 Resp: 10274  
Ion Ratio Lower Upper  
75 100  
155 0.0 44.9 134.5#  
157 0.0 59.0 176.8#





#95  
Naphthalene  
Concen: 6.188 ug/l  
RT: 15.427 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN072931.D  
Acq: 18 Jun 2022 11:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-11

Tgt Ion:128 Resp: 104464  
Ion Ratio Lower Upper  
128 100  
127 16.4 10.3 15.5#  
129 10.2 8.6 13.0

