

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070522\  
 Data File : VN073321.D  
 Acq On : 05 Jul 2022 17:36  
 Operator : JC\MD  
 Sample : N3564-10  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14B-11-2-GR

Quant Time: Jul 06 01:15:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 283731   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 479358   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 448087   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.616 | 152  | 230745   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 179238   | 43.760   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 87.520%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 151355   | 47.458   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 94.920%  |
| 50) Toluene-d8              | 10.381 | 98    | 505672   | 44.643   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 89.280%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 230806   | 53.023   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 106.040% |

|                               |        |     |        |        |        |     |
|-------------------------------|--------|-----|--------|--------|--------|-----|
| Target Compounds              |        |     |        | Qvalue |        |     |
| 6) Chloroethane               | 2.963  | 64  | 559    | 0.278  | ug/l # | 42  |
| 14) Allyl chloride            | 4.734  | 41  | 1998   | 0.284  | ug/l # | 28  |
| 16) Acetone                   | 4.234  | 43  | 67563  | 29.386 | ug/l   | 94  |
| 17) Carbon Disulfide          | 4.446  | 76  | 2597   | 0.300  | ug/l # | 75  |
| 18) Methyl Acetate            | 4.798  | 43  | 5178   | 0.804  | ug/l # | 58  |
| 20) Methylene Chloride        | 5.016  | 84  | 219975 | 54.442 | ug/l   | 88  |
| 25) 2-Butanone                | 7.269  | 43  | 19424  | 5.306  | ug/l   | 97  |
| 29) Tetrahydrofuran           | 7.622  | 42  | 3445   | 1.374  | ug/l # | 81  |
| 31) Cyclohexane               | 8.022  | 56  | 31817  | 4.743  | ug/l # | 86  |
| 36) 1,1-Dichloropropene       | 8.016  | 75  | 22699  | 4.626  | ug/l # | 50  |
| 37) Ethyl Acetate             | 7.345  | 43  | 54574  | 7.360  | ug/l   | 97  |
| 38) Carbon Tetrachloride      | 8.016  | 117 | 28089  | 5.535  | ug/l # | 17  |
| 39) Methylcyclohexane         | 9.392  | 83  | 42005  | 6.875  | ug/l   | 91  |
| 40) Benzene                   | 8.386  | 78  | 8106   | 0.535  | ug/l # | 86  |
| 41) Methacrylonitrile         | 7.628  | 41  | 2703   | 0.752  | ug/l # | 22  |
| 43) Isopropyl Acetate         | 8.498  | 43  | 214043 | 20.086 | ug/l # | 86  |
| 48) Methyl methacrylate       | 9.486  | 41  | 7556   | 1.531  | ug/l # | 37  |
| 49) 1,4-Dioxane               | 9.522  | 88  | 68     | 0.726  | ug/l # | 25  |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43  | 17848  | 2.641  | ug/l # | 72  |
| 54) cis-1,3-Dichloropropene   | 10.181 | 75  | 61261  | 10.154 | ug/l # | 66  |
| 55) 1,1,2-Trichloroethane     | 10.822 | 97  | 3300   | 0.856  | ug/l # | 16  |
| 56) Ethyl methacrylate        | 10.722 | 69  | 2435   | 0.391  | ug/l # | 1   |
| 57) 1,3-Dichloropropane       | 11.028 | 76  | 7776   | 1.177  | ug/l # | 42  |
| 59) 2-Hexanone                | 11.033 | 43  | 114343 | 22.197 | ug/l # | 47  |
| 68) m/p-Xylenes               | 11.880 | 106 | 1571   | 0.226  | ug/l # | 73  |
| 73) Isopropylbenzene          | 12.516 | 105 | 33618  | 1.687  | ug/l   | 100 |
| 74) N-amyl acetate            | 12.304 | 43  | 4424   | 0.443  | ug/l # | 66  |
| 76) 1,2,3-Trichloropropane    | 12.669 | 75  | 120585 | 19.986 | ug/l # | 1   |
| 77) Bromobenzene              | 12.698 | 156 | 1272   | 0.275  | ug/l # | 1   |
| 78) n-propylbenzene           | 12.857 | 91  | 21671  | 0.979  | ug/l   | 96  |
| 79) 2-Chlorotoluene           | 12.857 | 91  | 21671  | 1.547  | ug/l # | 40  |
| 80) 1,3,5-Trimethylbenzene    | 13.157 | 105 | 10273  | 0.633  | ug/l   | 69  |
| 81) trans-1,4-Dichloro-2-b... | 12.669 | 75  | 120585 | 54.810 | ug/l # | 10  |
| 83) tert-Butylbenzene         | 13.257 | 119 | 3626   | 0.249  | ug/l   | 90  |
| 84) 1,2,4-Trimethylbenzene    | 13.157 | 105 | 10273  | 0.634  | ug/l   | 73  |
| 85) sec-Butylbenzene          | 13.439 | 105 | 11680  | 0.597  | ug/l   | 79  |

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Sample : N3564-10  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

Quant Time: Jul 06 01:15:56 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 01:54:03 2022  
Response via : Initial Calibration

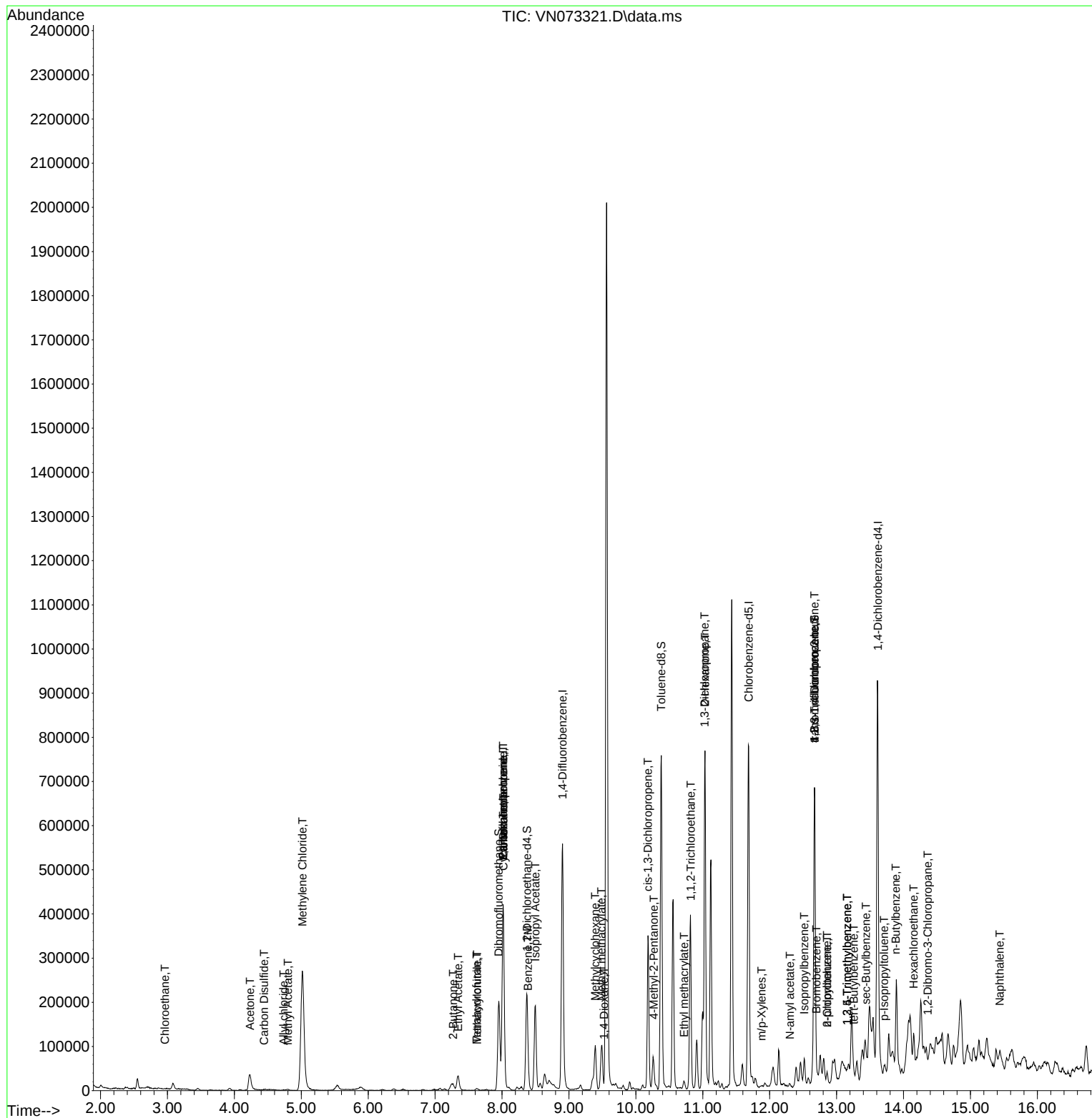
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 86) p-Isopropyltoluene        | 13.710 | 119  | 7759     | 0.491 | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.886 | 91   | 4901     | 0.372 | ug/l # | 73       |
| 90) Hexachloroethane          | 14.151 | 117  | 3154     | 1.072 | ug/l # | 9        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.363 | 75   | 348      | 0.217 | ug/l   | 67       |
| 95) Naphthalene               | 15.439 | 128  | 4109     | 0.231 | ug/l # | 1        |

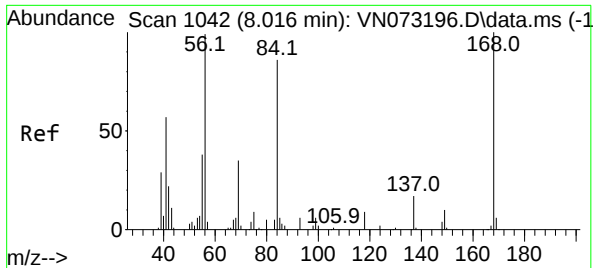
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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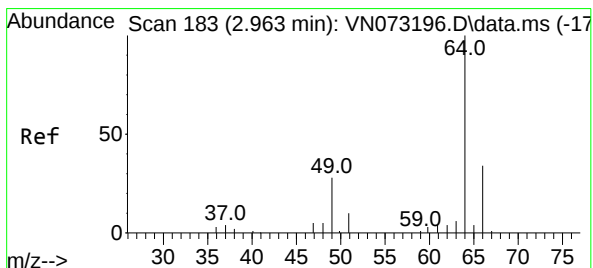
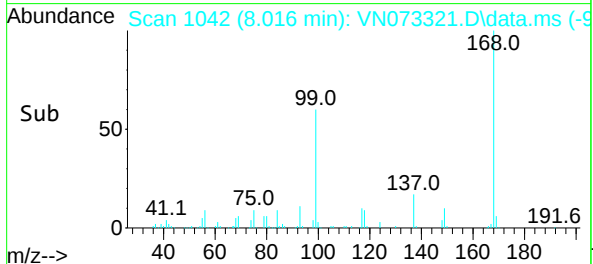
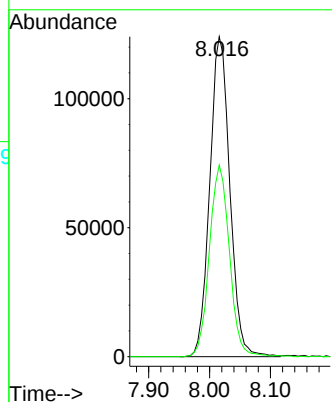
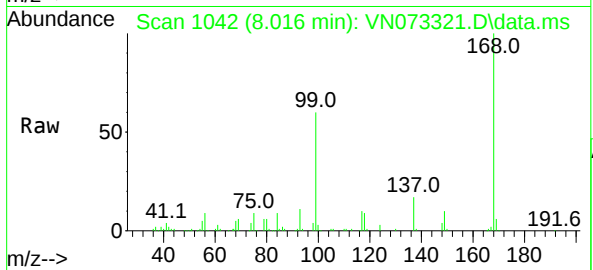




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

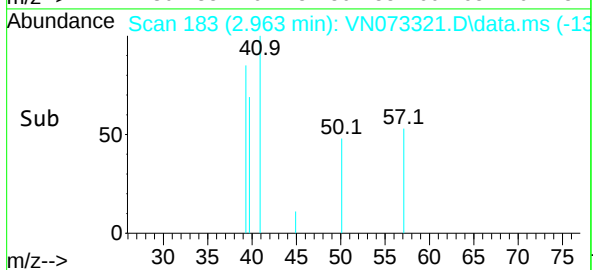
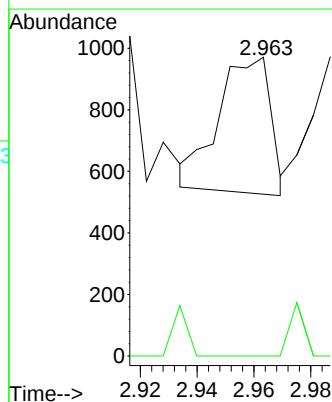
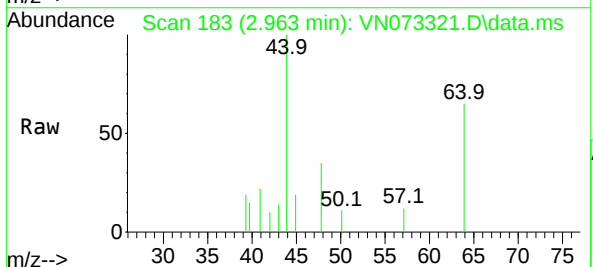
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

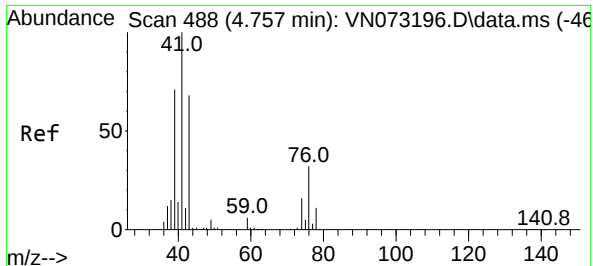
Tgt Ion:168 Resp: 283731  
Ion Ratio Lower Upper  
168 100  
99 59.9 42.3 63.5



#6  
Chloroethane  
Concen: 0.278 ug/l  
RT: 2.963 min Scan# 183  
Delta R.T. 0.000 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 64 Resp: 559  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#

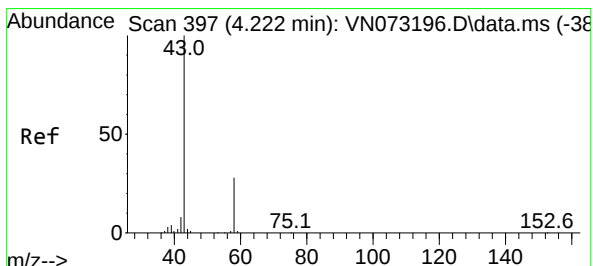
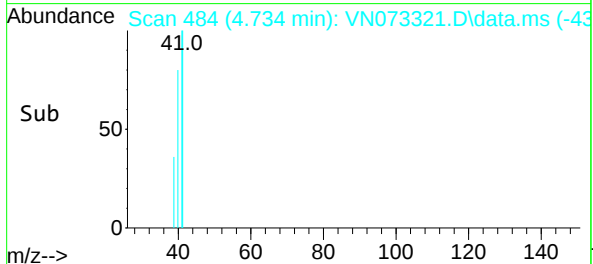
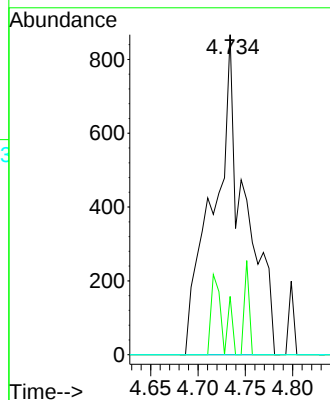
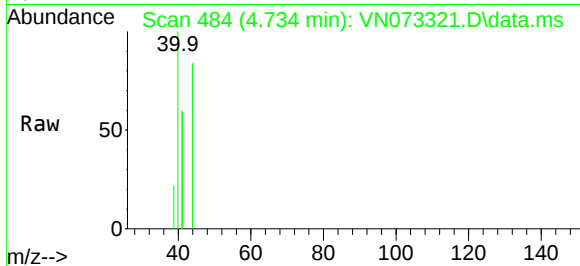




#14  
Allyl chloride  
Concen: 0.284 ug/l  
RT: 4.734 min Scan# 41  
Delta R.T. -0.023 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

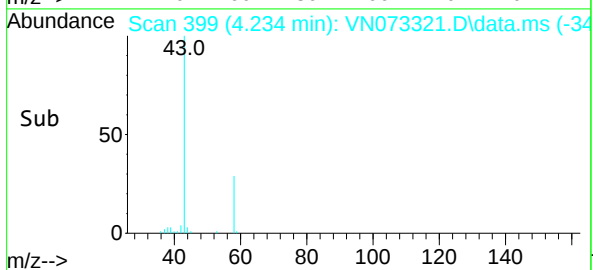
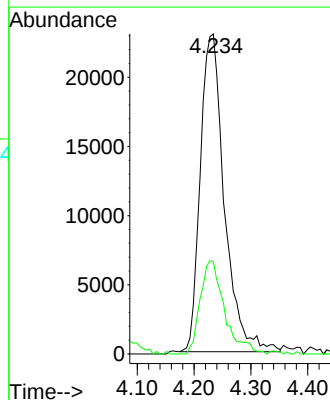
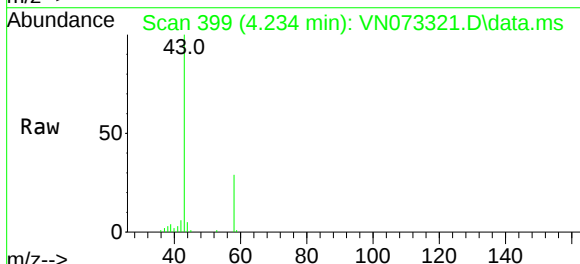
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

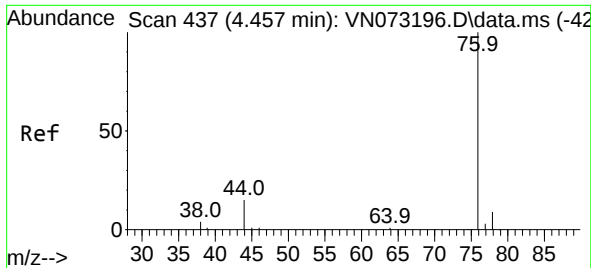
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 4.5   | 53.2  | 79.8# |
| 76      | 0.0   | 29.9  | 44.9# |



#16  
Acetone  
Concen: 29.386 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.012 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

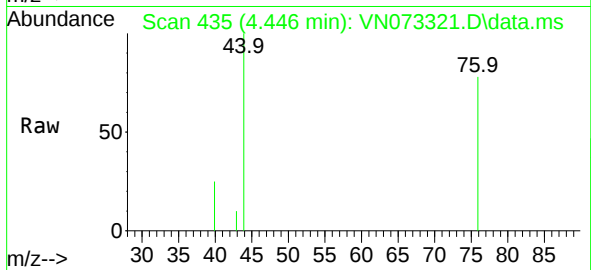
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.0  | 26.0  | 39.0  |



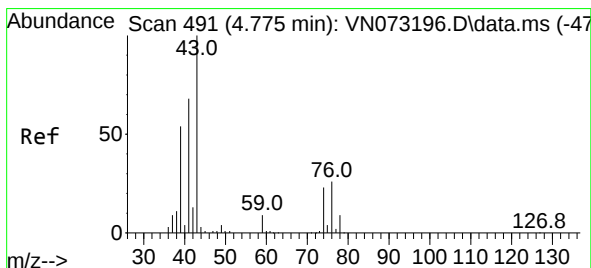
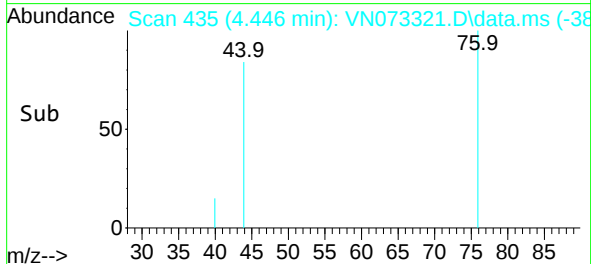
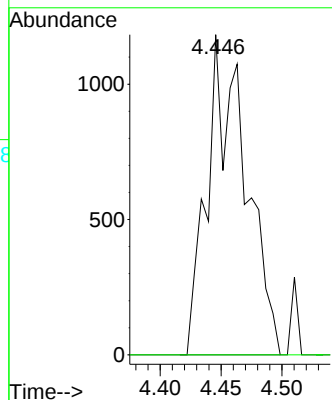


#17  
Carbon Disulfide  
Concen: 0.300 ug/l  
RT: 4.446 min Scan# 411  
Delta R.T. -0.011 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

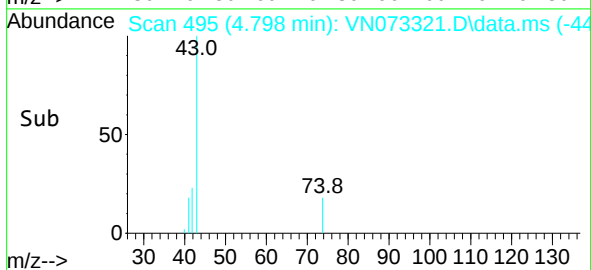
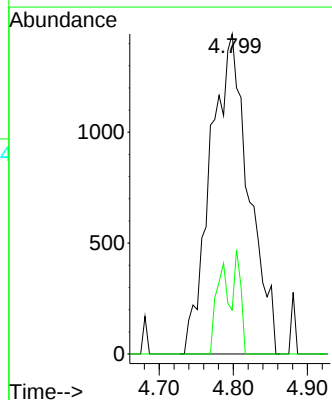
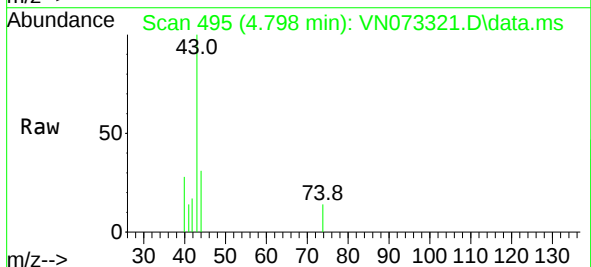


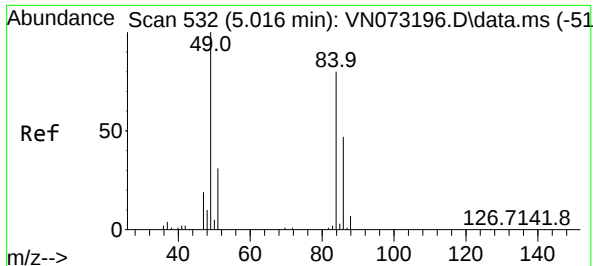
Tgt Ion: 76 Resp: 2597  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#18  
Methyl Acetate  
Concen: 0.804 ug/l  
RT: 4.798 min Scan# 495  
Delta R.T. 0.023 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 43 Resp: 5178  
Ion Ratio Lower Upper  
43 100  
74 5.3 21.6 32.4#





#20

Methylene Chloride

Concen: 54.442 ug/l

RT: 5.016 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR

Tgt Ion: 84 Resp: 219975

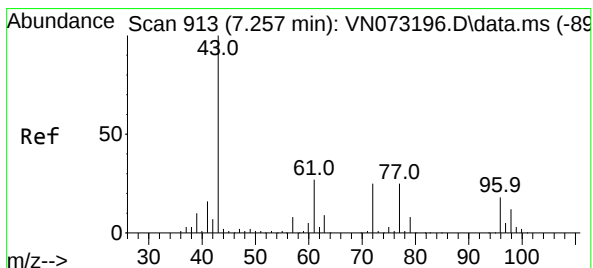
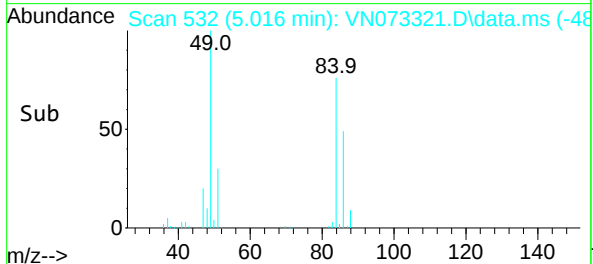
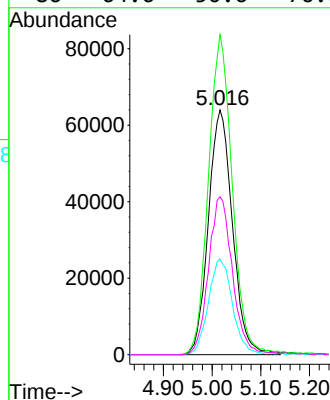
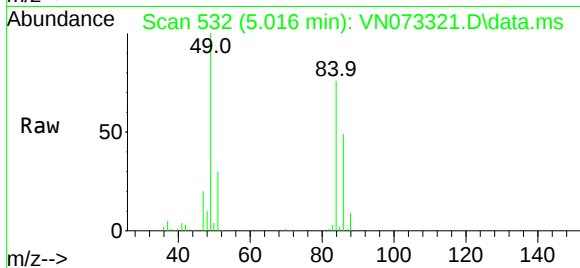
Ion Ratio Lower Upper

84 100

49 130.8 88.3 132.5

51 39.1 28.2 42.2

86 64.6 50.6 76.0



#25

2-Butanone

Concen: 5.306 ug/l

RT: 7.269 min Scan# 915

Delta R.T. 0.012 min

Lab File: VN073321.D

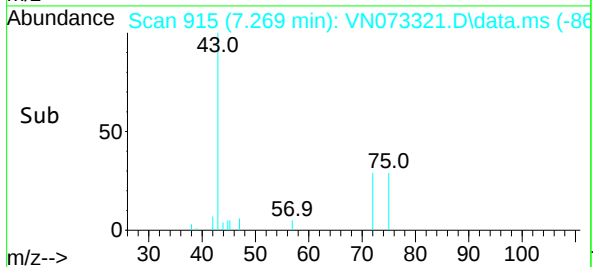
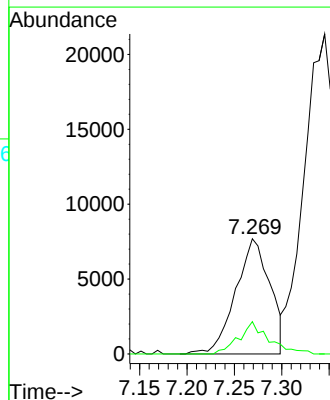
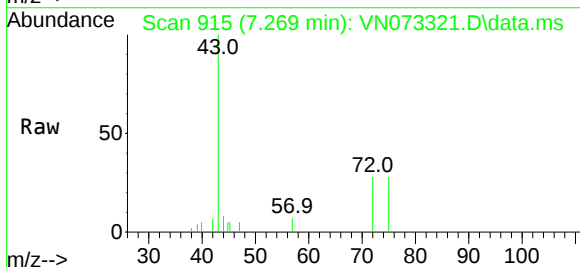
Acq: 05 Jul 2022 17:36

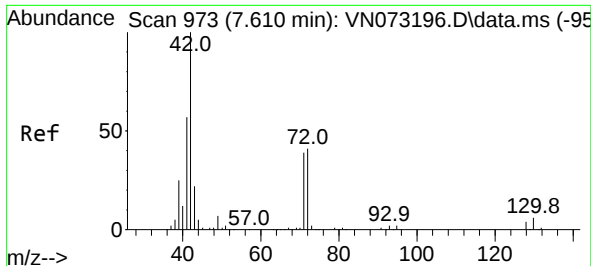
Tgt Ion: 43 Resp: 19424

Ion Ratio Lower Upper

43 100

72 28.1 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.374 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073321.D

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Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR

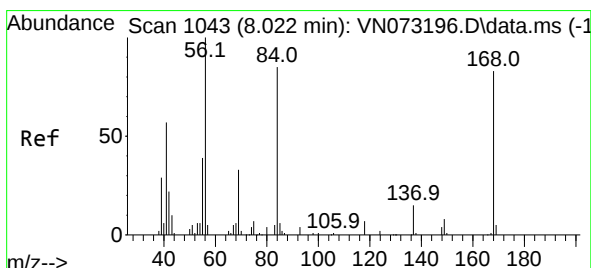
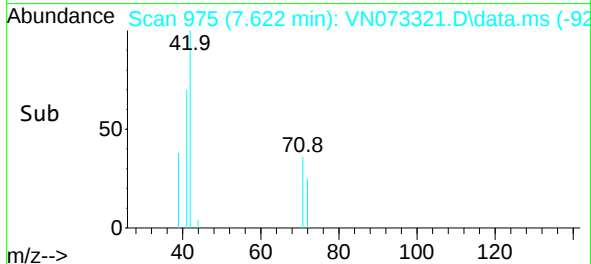
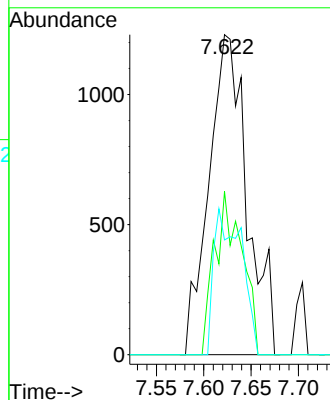
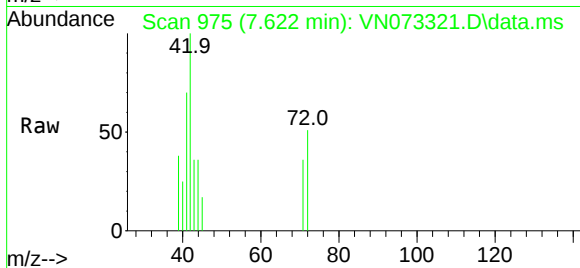
Tgt Ion: 42 Resp: 3445

Ion Ratio Lower Upper

42 100

72 36.7 39.7 59.5#

71 32.9 36.6 55.0#



#31

Cyclohexane

Concen: 4.743 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

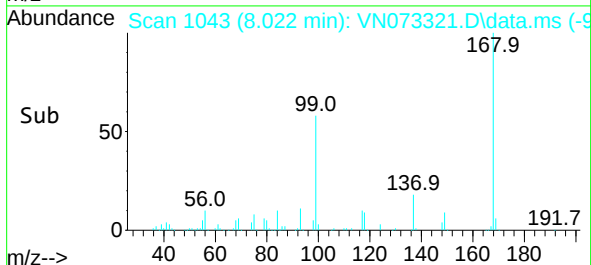
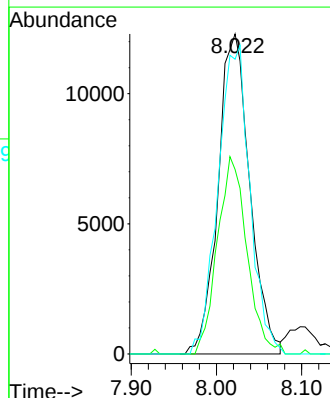
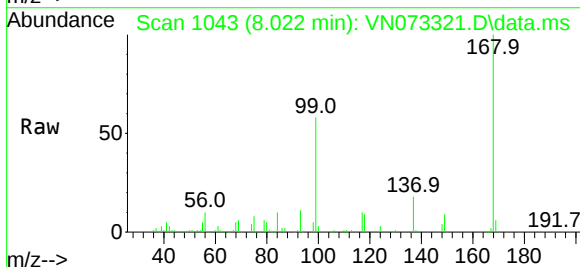
Tgt Ion: 56 Resp: 31817

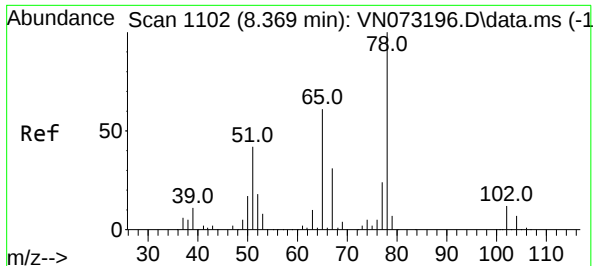
Ion Ratio Lower Upper

56 100

69 57.7 27.8 41.8#

84 92.1 76.9 115.3

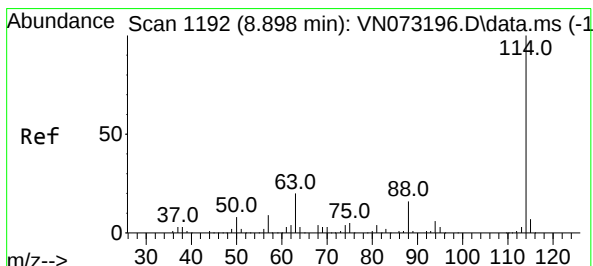
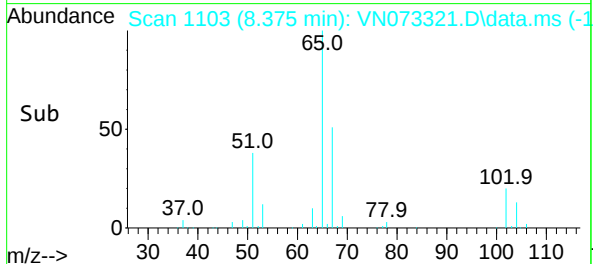
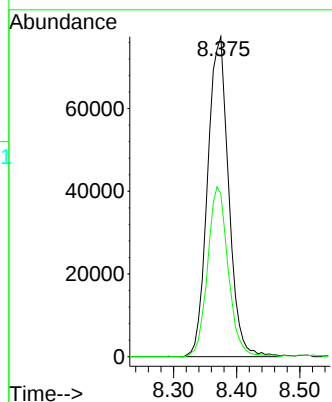
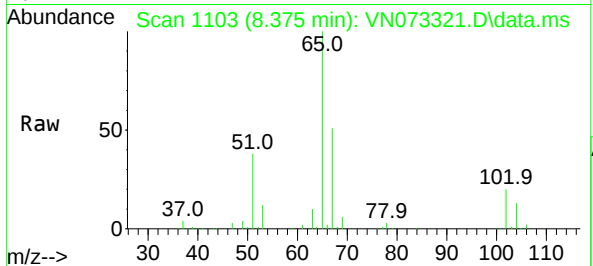




#33  
1,2-Dichloroethane-d4  
Concen: 43.760 ug/l  
RT: 8.375 min Scan# 1102  
Delta R.T. 0.006 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

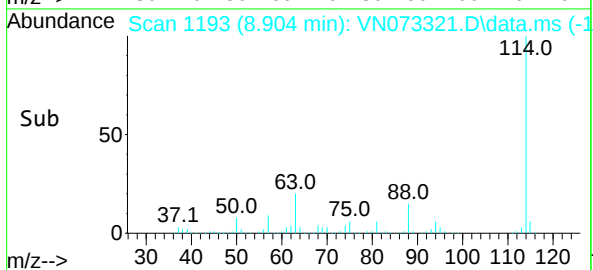
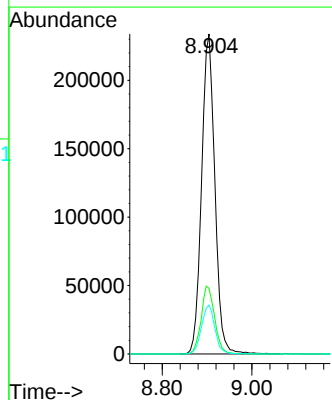
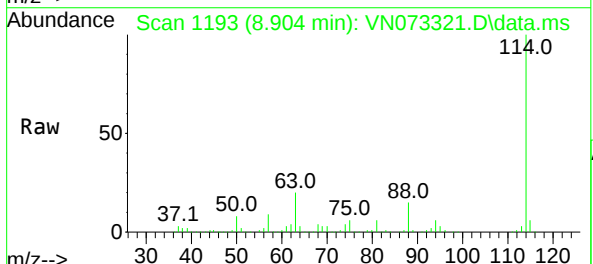
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

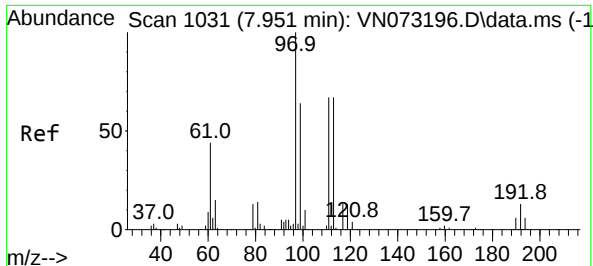
Tgt Ion: 65 Resp: 179238  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 114 Resp: 479358  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 40.0  
88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.458 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR

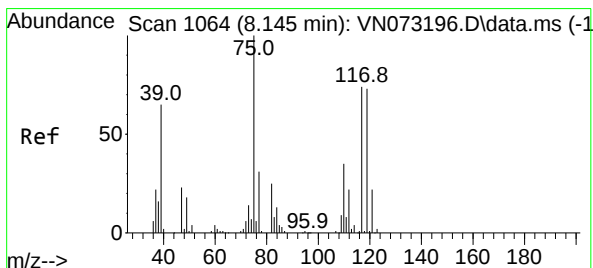
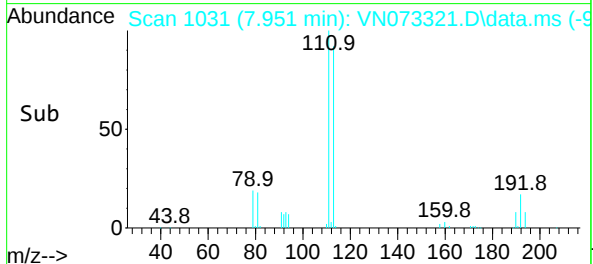
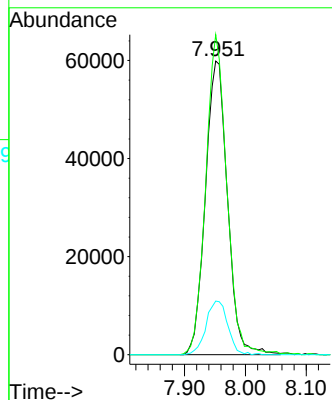
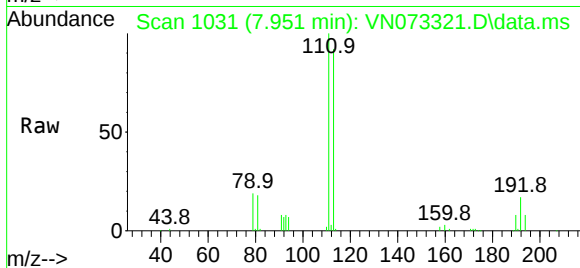
Tgt Ion:113 Resp: 151355

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.626 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

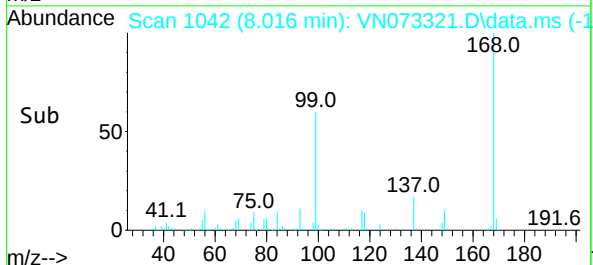
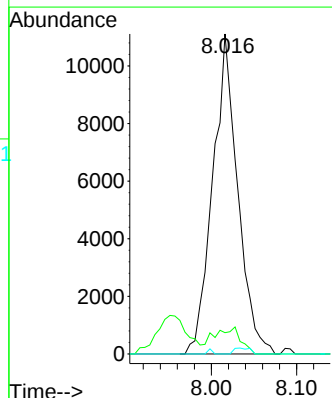
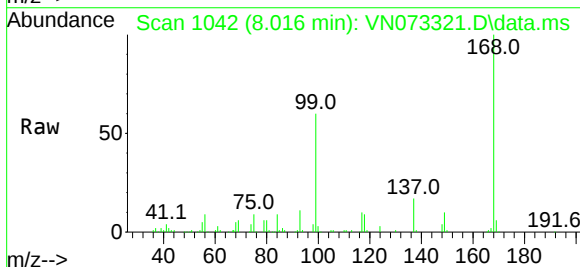
Tgt Ion: 75 Resp: 22699

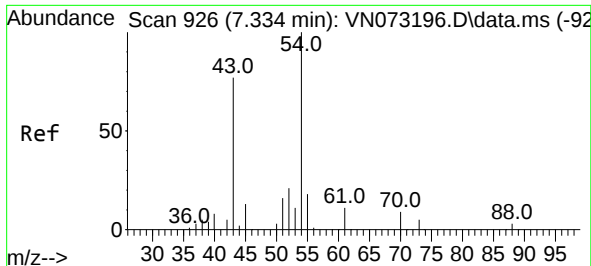
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 1.2 25.1 37.7#

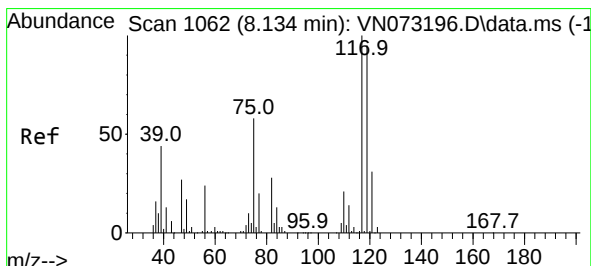
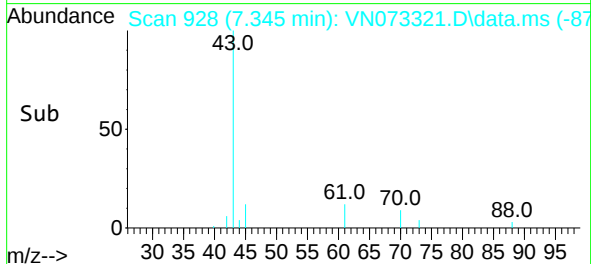
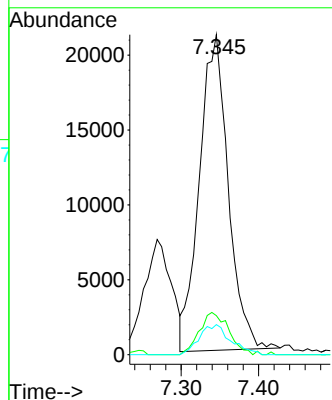
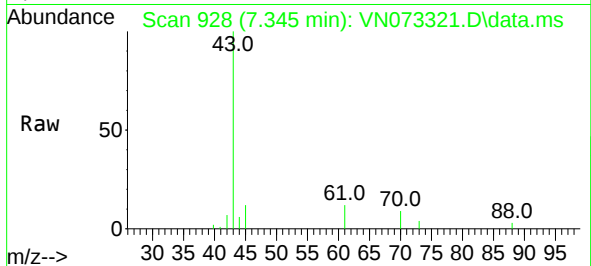




#37  
Ethyl Acetate  
Concen: 7.360 ug/l  
RT: 7.345 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

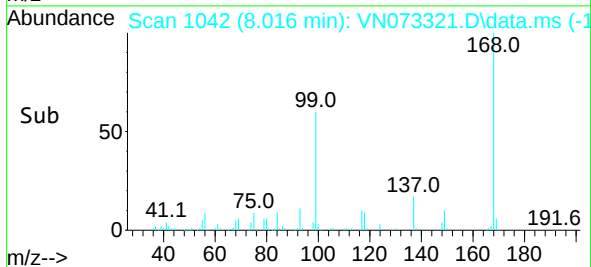
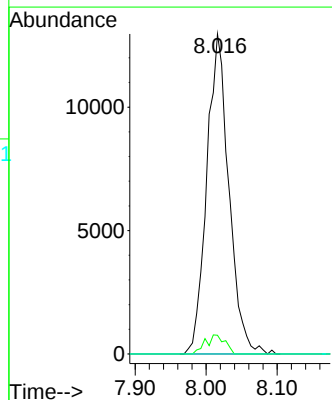
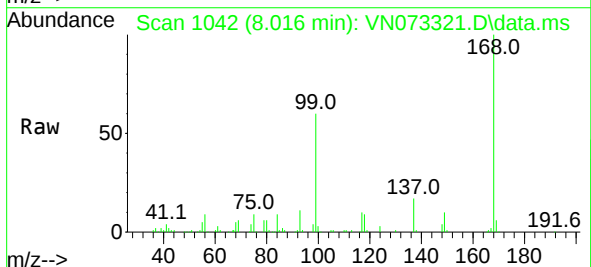
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

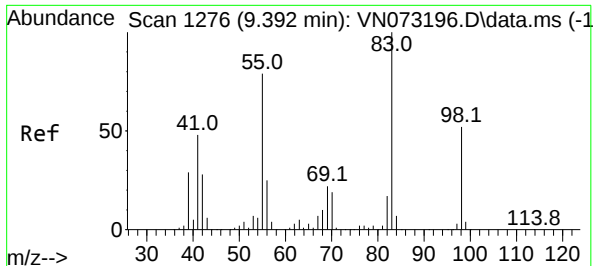
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 54574 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 13.7     | 11.8 17.6   |
| 70 10.3     | 9.3 13.9    |



#38  
Carbon Tetrachloride  
Concen: 5.535 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.118 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 28089 |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 5.8      | 75.8 113.8# |
| 121 0.0      | 24.6 37.0#  |





#39

Methylcyclohexane

Concen: 6.875 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR

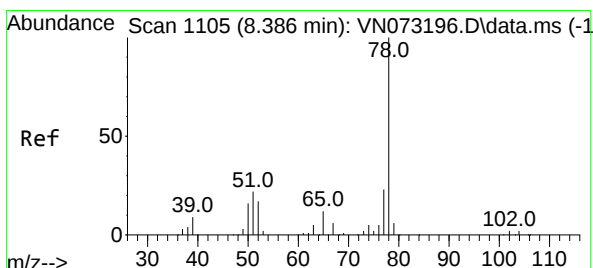
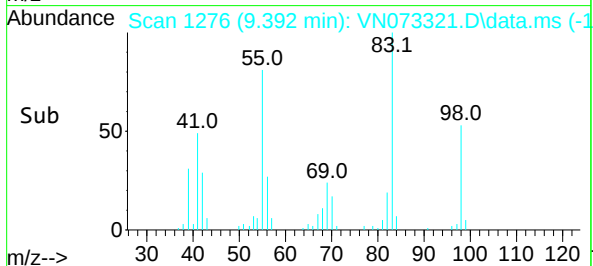
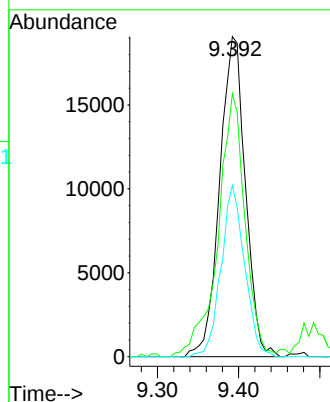
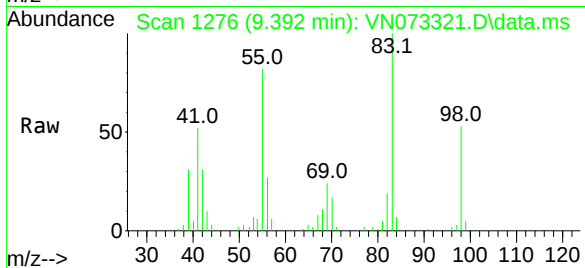
Tgt Ion: 83 Resp: 42005

Ion Ratio Lower Upper

83 100

55 80.8 57.8 86.8

98 53.5 39.4 59.2



#40

Benzene

Concen: 0.535 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VN073321.D

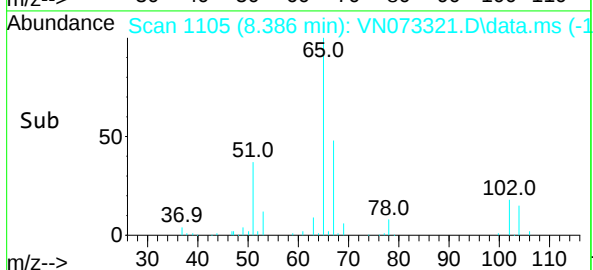
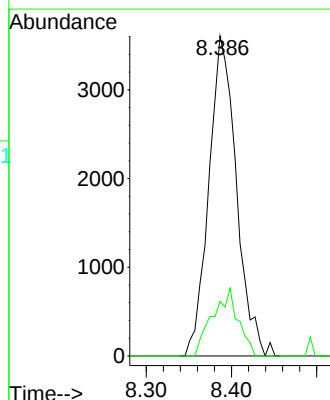
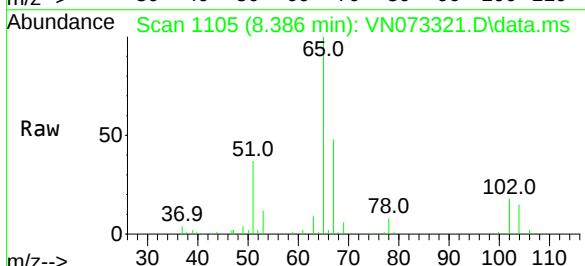
Acq: 05 Jul 2022 17:36

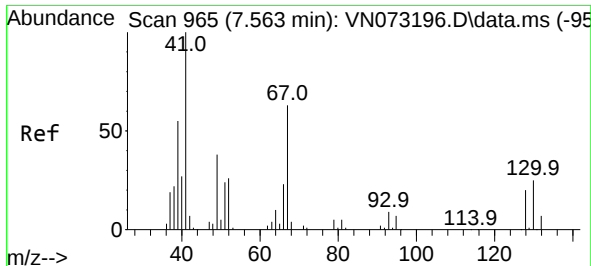
Tgt Ion: 78 Resp: 8106

Ion Ratio Lower Upper

78 100

77 17.1 19.4 29.0#

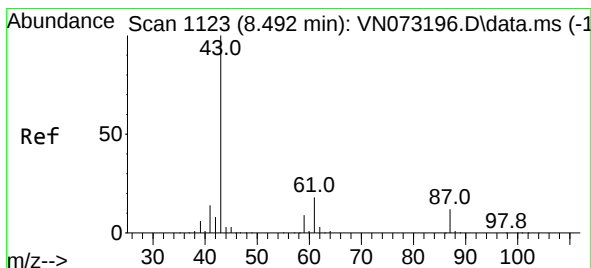
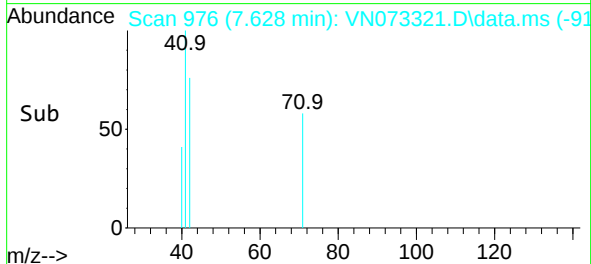
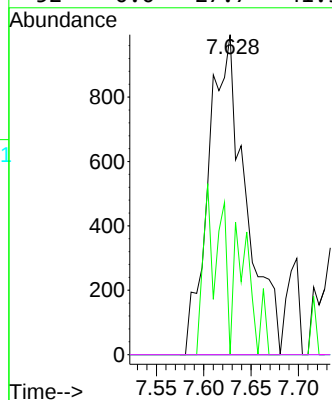
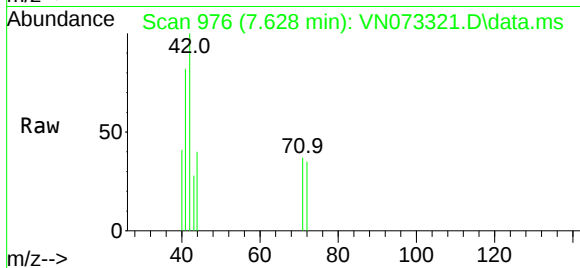




#41  
Methacrylonitrile  
Concen: 0.752 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. 0.065 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

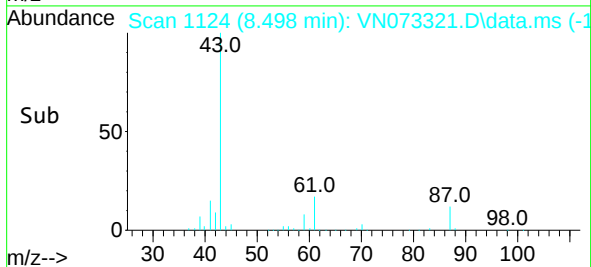
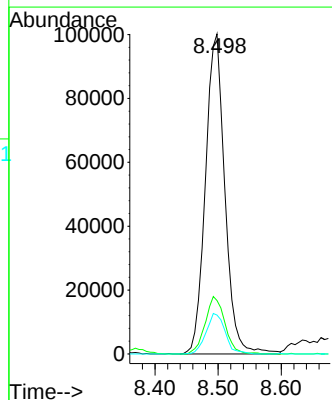
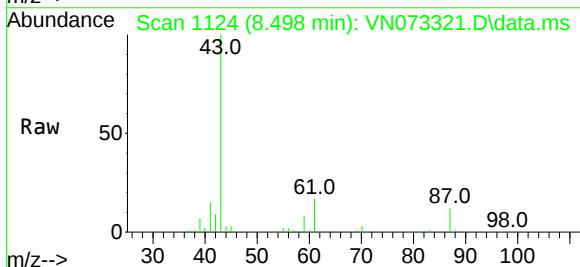
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

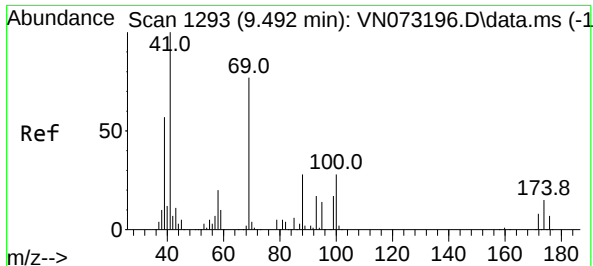
Tgt Ion: 41 Resp: 2703  
Ion Ratio Lower Upper  
41 100  
39 15.6 48.6 73.0#  
67 0.0 73.4 110.2#  
52 0.0 27.7 41.5#



#43  
Isopropyl Acetate  
Concen: 20.086 ug/l  
RT: 8.498 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 43 Resp: 214043  
Ion Ratio Lower Upper  
43 100  
61 18.2 21.9 32.9#  
87 12.4 12.0 18.0





#48

Methyl methacrylate

Concen: 1.531 ug/l

RT: 9.486 min Scan# 1292

Delta R.T. -0.006 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR

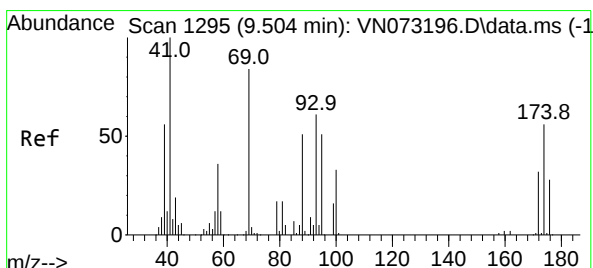
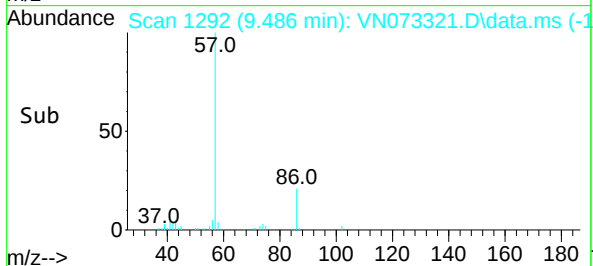
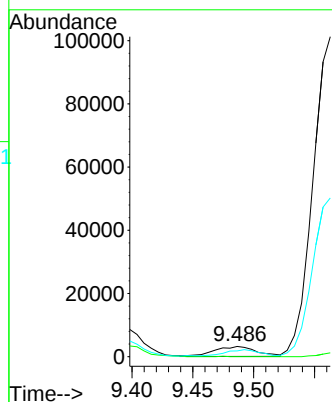
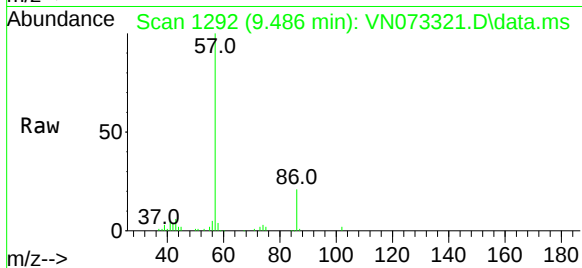
Tgt Ion: 41 Resp: 7556

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 52.0 45.6 68.4



#49

1,4-Dioxane

Concen: 0.726 ug/l

RT: 9.522 min Scan# 1298

Delta R.T. 0.018 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

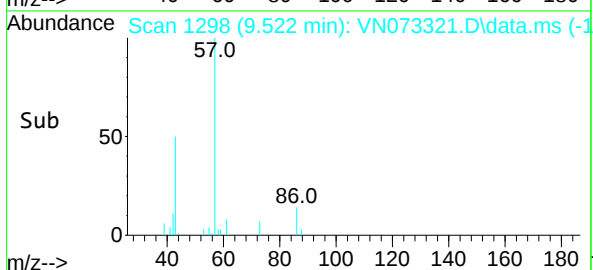
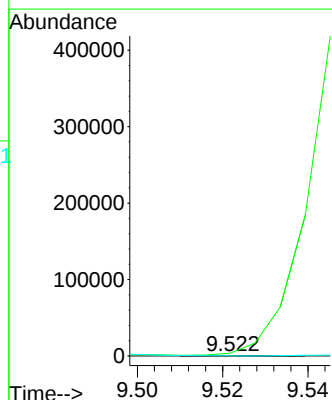
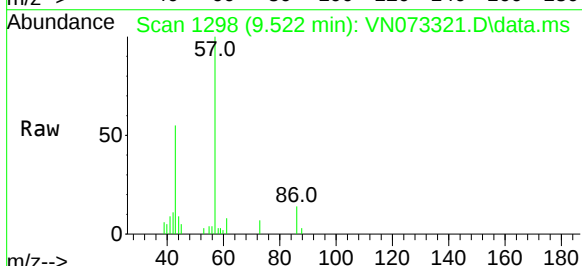
Tgt Ion: 88 Resp: 68

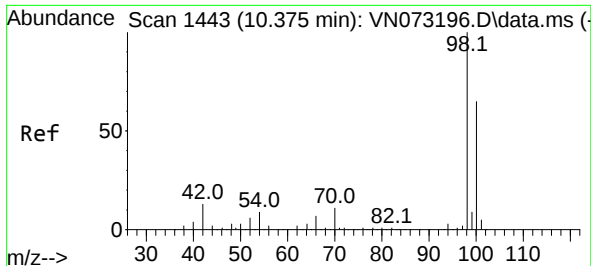
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#

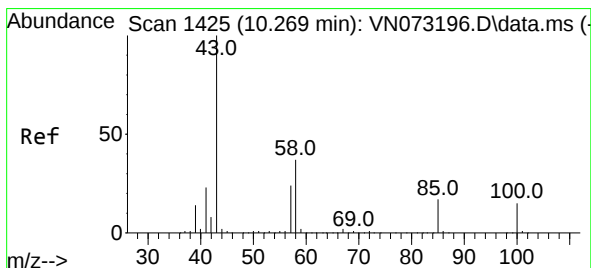
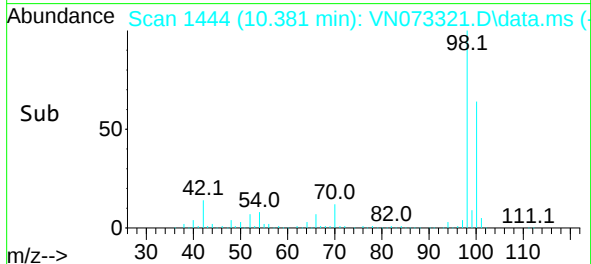
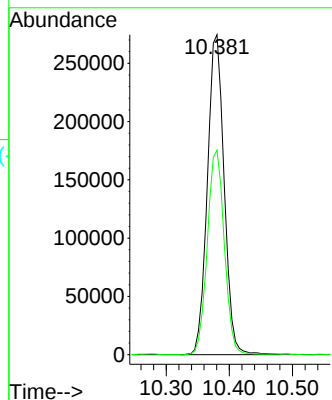
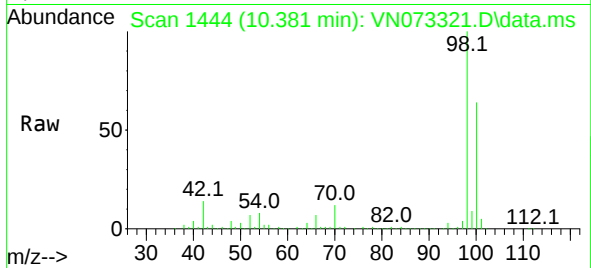




#50  
Toluene-d8  
Concen: 44.643 ug/l  
RT: 10.381 min Scan# 1444  
Delta R.T. 0.005 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

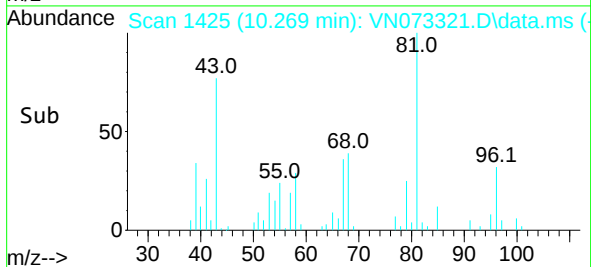
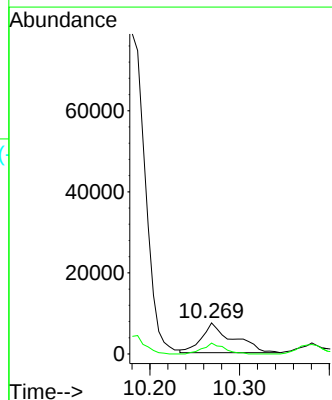
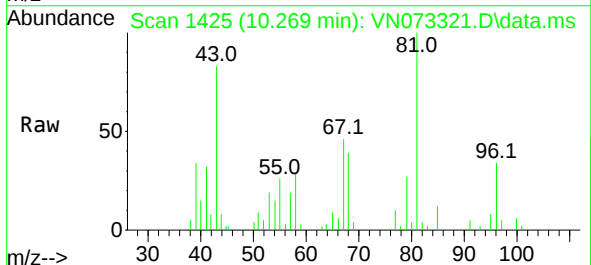
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

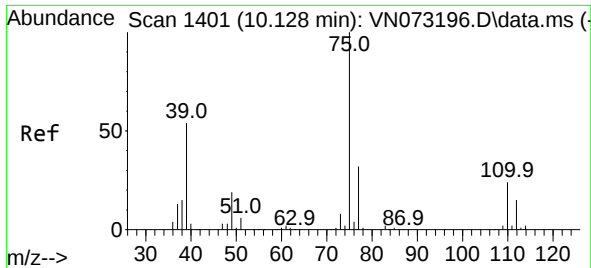
Tgt Ion: 98 Resp: 505672  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 2.641 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 43 Resp: 17848  
Ion Ratio Lower Upper  
43 100  
58 24.6 34.1 51.1#

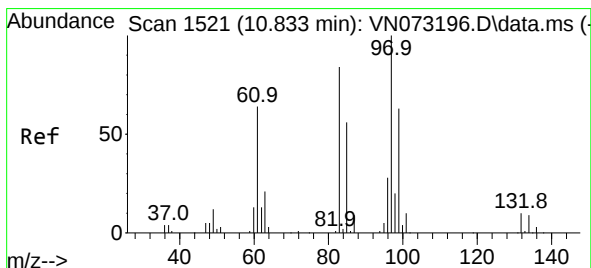
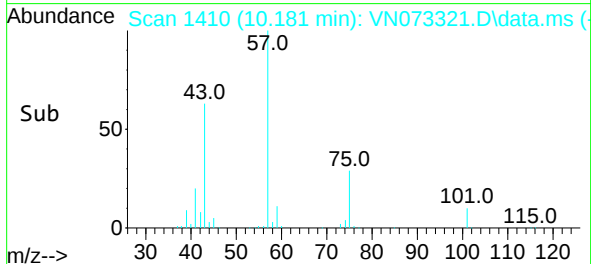
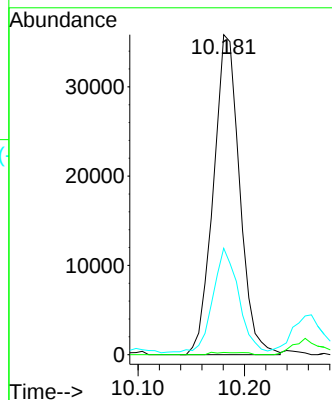
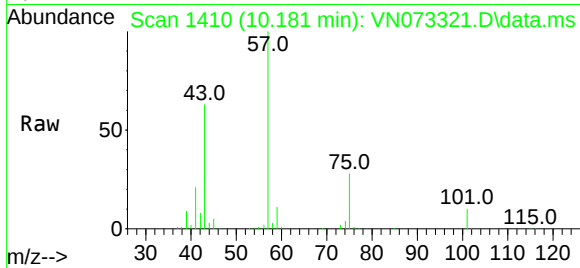




#54  
 cis-1,3-Dichloropropene  
 Concen: 10.154 ug/l  
 RT: 10.181 min Scan# 1410  
 Delta R.T. 0.053 min  
 Lab File: VN073321.D  
 Acq: 05 Jul 2022 17:36

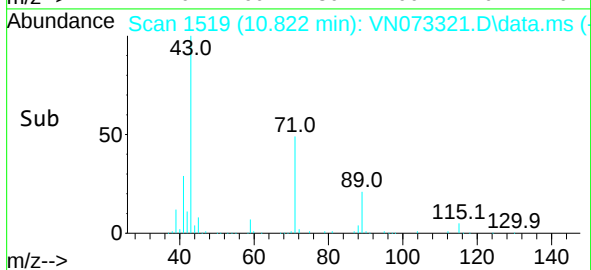
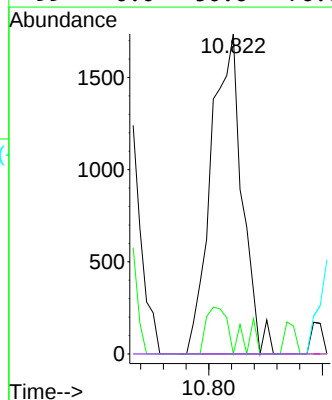
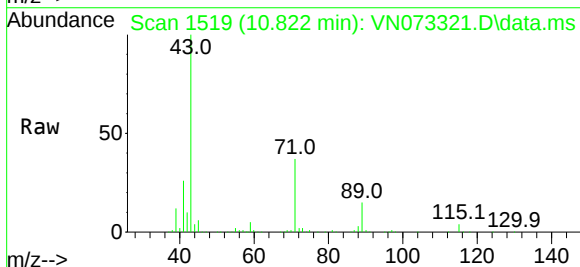
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14B-11-2-GR

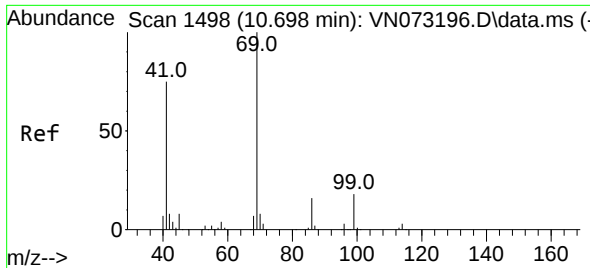
Tgt Ion: 75 Resp: 61261  
 Ion Ratio Lower Upper  
 75 100  
 77 0.7 25.2 37.8#  
 39 32.4 35.7 53.5#



#55  
 1,1,2-Trichloroethane  
 Concen: 0.856 ug/l  
 RT: 10.822 min Scan# 1519  
 Delta R.T. -0.011 min  
 Lab File: VN073321.D  
 Acq: 05 Jul 2022 17:36

Tgt Ion: 97 Resp: 3300  
 Ion Ratio Lower Upper  
 97 100  
 83 0.0 66.2 99.4#  
 85 0.0 43.9 65.9#  
 99 0.0 50.6 76.0#

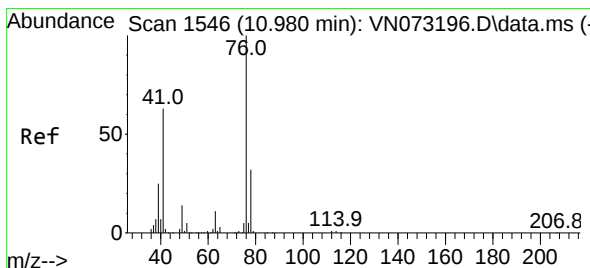
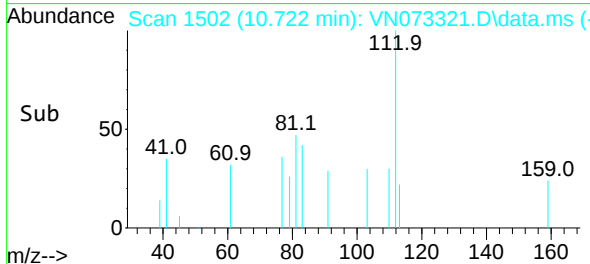
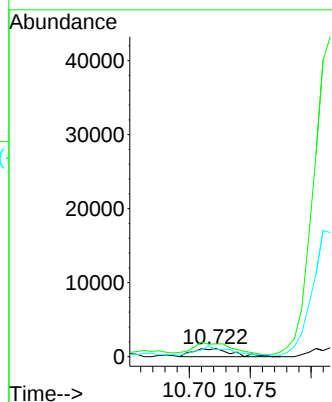
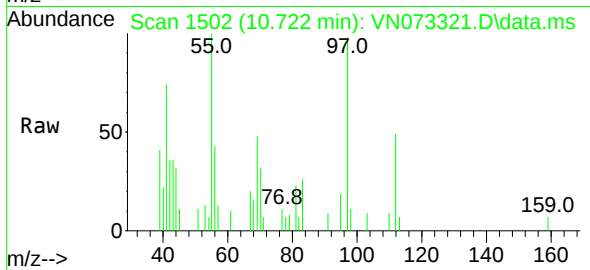




#56  
Ethyl methacrylate  
Concen: 0.391 ug/l  
RT: 10.722 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

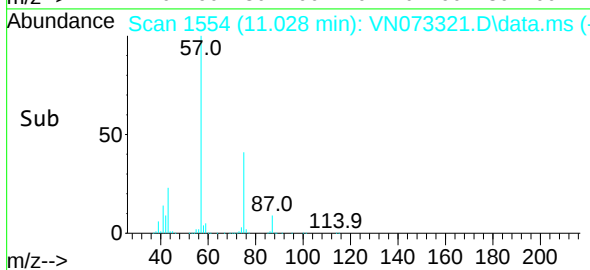
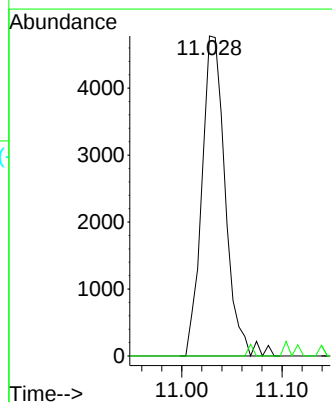
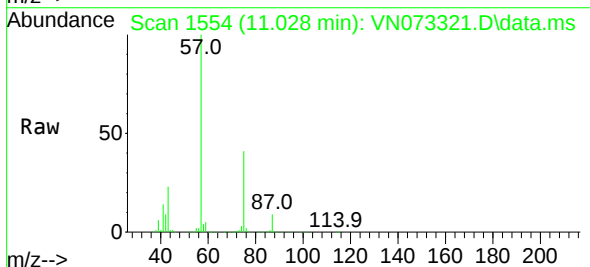
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

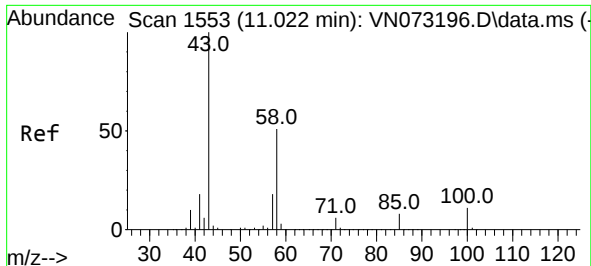
Tgt Ion: 69 Resp: 2435  
Ion Ratio Lower Upper  
69 100  
41 161.3 47.8 71.6#  
39 79.0 27.3 40.9#



#57  
1,3-Dichloropropane  
Concen: 1.177 ug/l  
RT: 11.028 min Scan# 1554  
Delta R.T. 0.048 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 76 Resp: 7776  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.2 39.2#

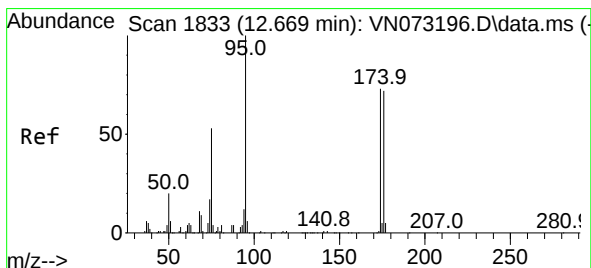
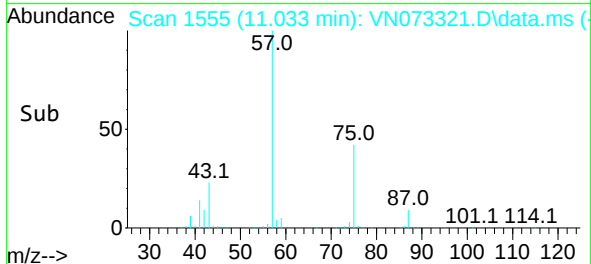
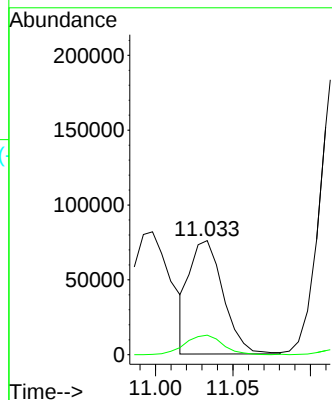
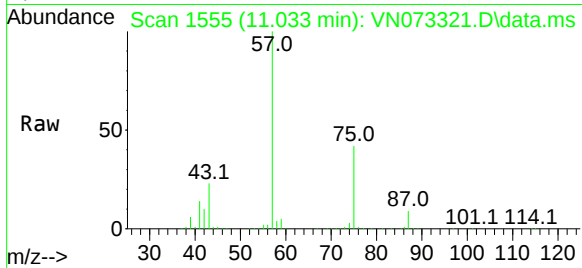




#59  
2-Hexanone  
Concen: 22.197 ug/l  
RT: 11.033 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

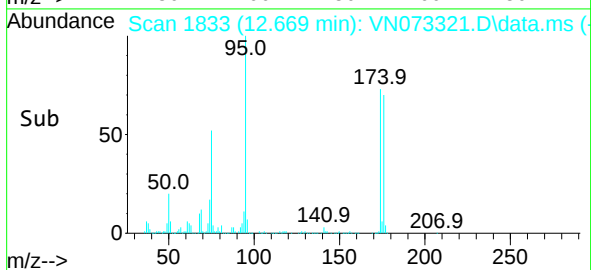
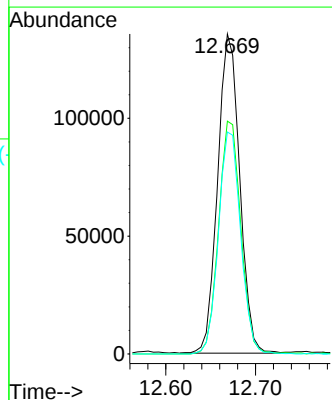
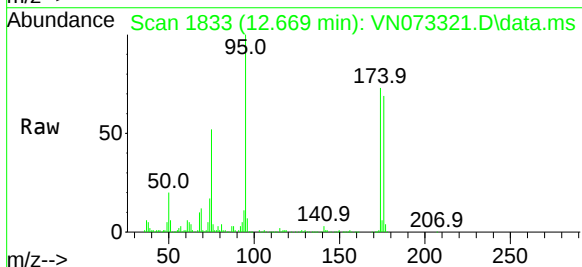
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

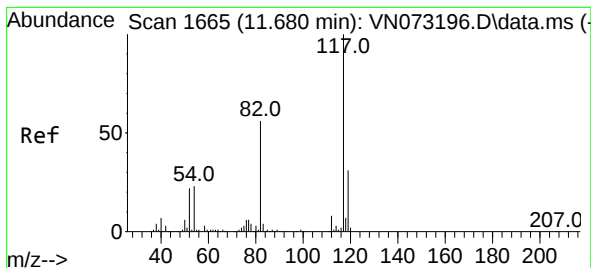
Tgt Ion: 43 Resp: 114343  
Ion Ratio Lower Upper  
43 100  
58 19.3 29.7 89.1#



#62  
4-Bromofluorobenzene  
Concen: 53.023 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 95 Resp: 230806  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 167.6  
176 70.1 0.0 163.4

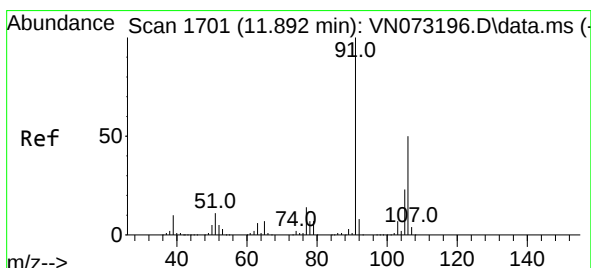
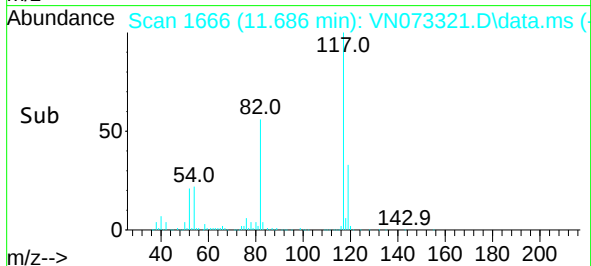
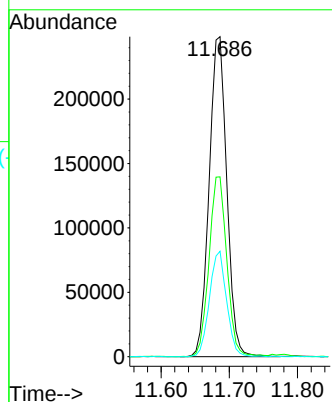
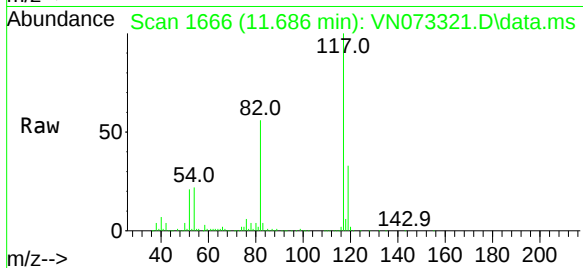




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

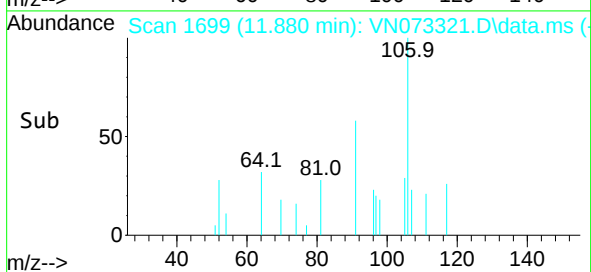
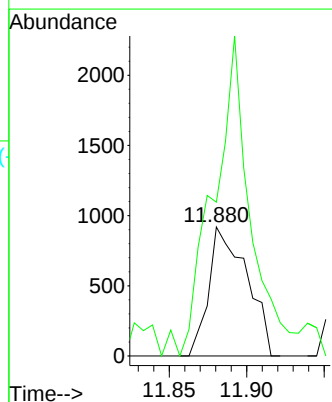
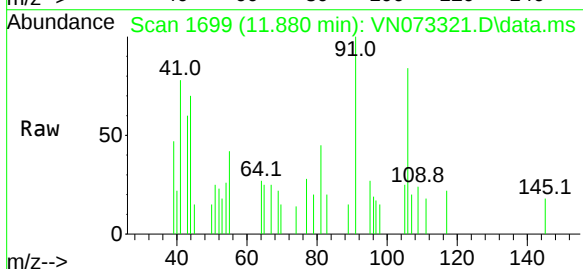
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

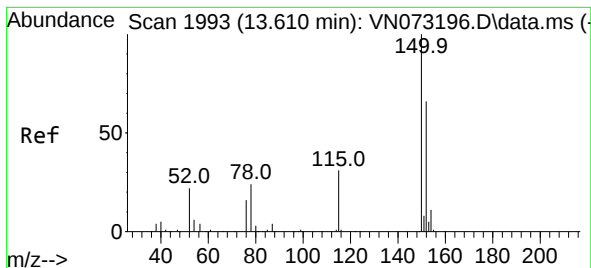
Tgt Ion:117 Resp: 448087  
Ion Ratio Lower Upper  
117 100  
82 56.2 44.2 66.2  
119 32.9 25.4 38.0



#68  
m/p-Xylenes  
Concen: 0.226 ug/l  
RT: 11.880 min Scan# 1699  
Delta R.T. -0.012 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion:106 Resp: 1571  
Ion Ratio Lower Upper  
106 100  
91 239.7 158.9 238.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR

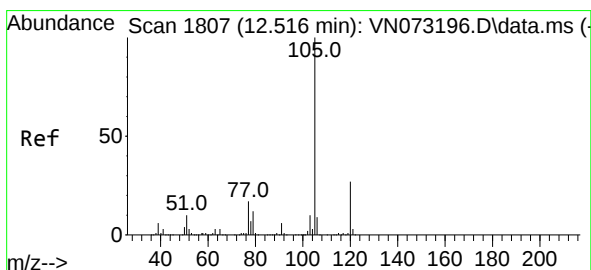
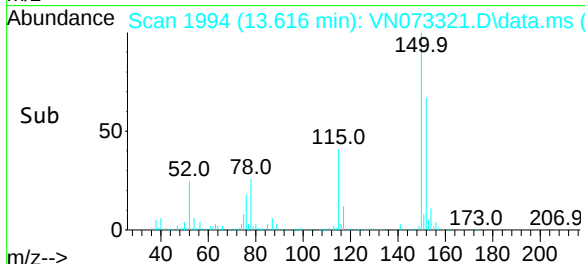
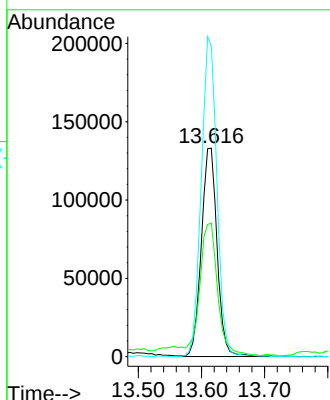
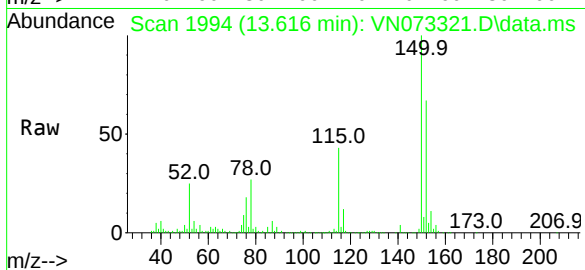
Tgt Ion:152 Resp: 230745

Ion Ratio Lower Upper

152 100

115 71.9 28.9 86.7

150 152.7 0.0 356.2



#73

Isopropylbenzene

Concen: 1.687 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073321.D

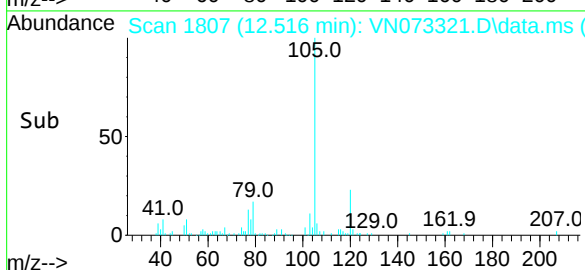
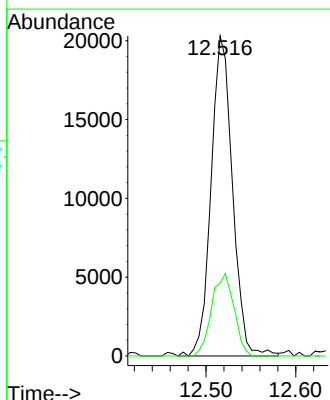
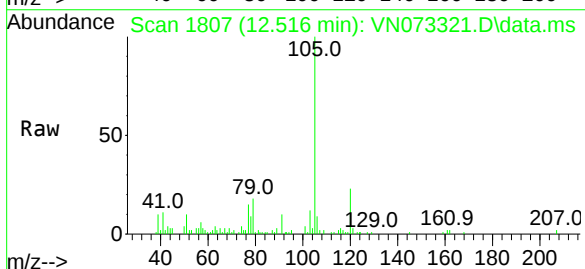
Acq: 05 Jul 2022 17:36

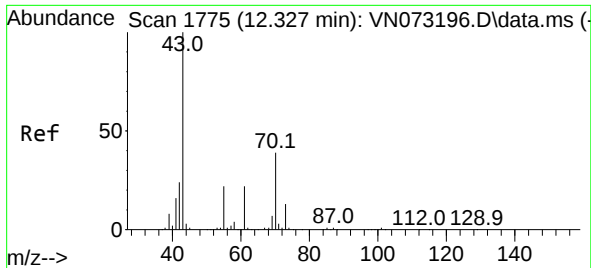
Tgt Ion:105 Resp: 33618

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

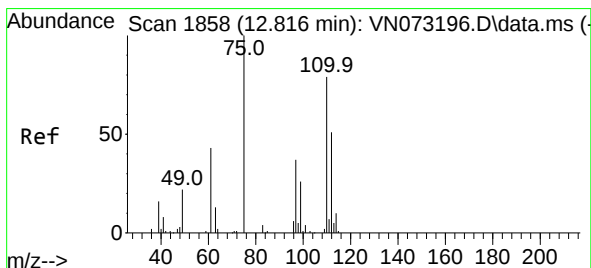
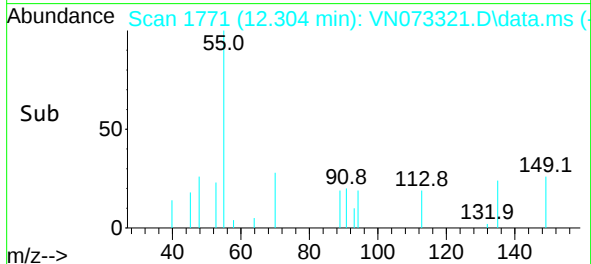
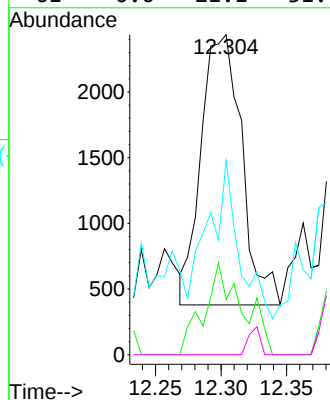
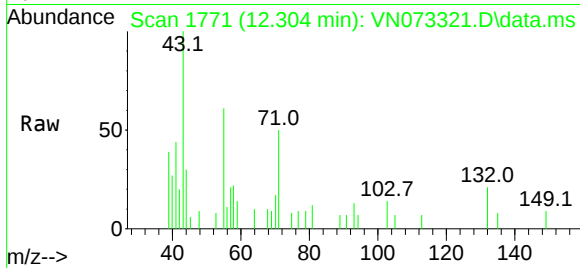




#74  
N-amy1 acetate  
Concen: 0.443 ug/l  
RT: 12.304 min Scan# 1  
Delta R.T. -0.023 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

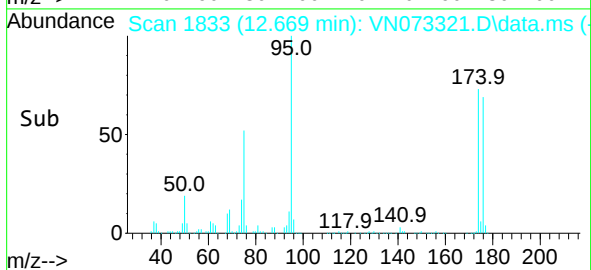
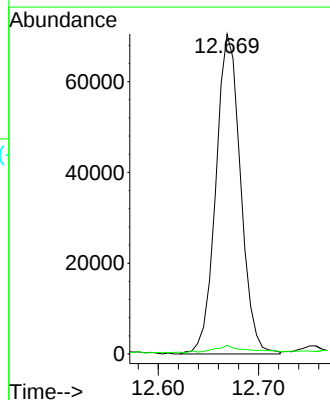
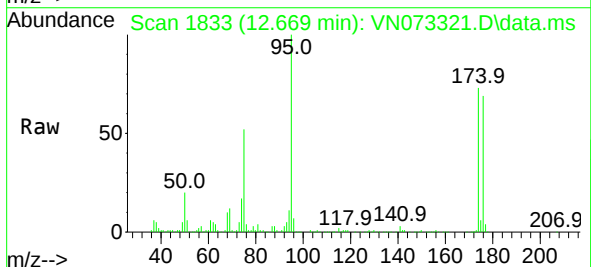
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

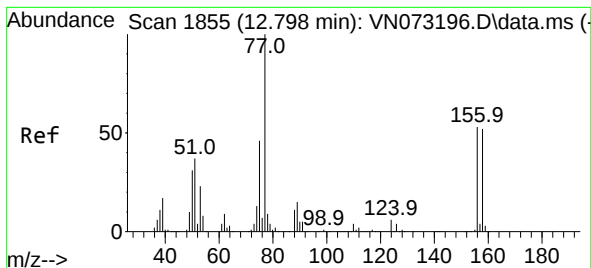
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 4424  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 32.3     | 39.0 58.4#  |
| 55 44.3     | 21.1 31.7#  |
| 61 0.0      | 21.1 31.7#  |



#76  
1,2,3-Trichloropropane  
Concen: 19.986 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.147 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

|             |              |
|-------------|--------------|
| Tgt Ion: 75 | Resp: 120585 |
| Ion Ratio   | Lower Upper  |
| 75 100      |              |
| 77 3.1      | 98.5 295.5#  |





#77

Bromobenzene

Concen: 0.275 ug/l

RT: 12.698 min Scan# 1838

Delta R.T. -0.100 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

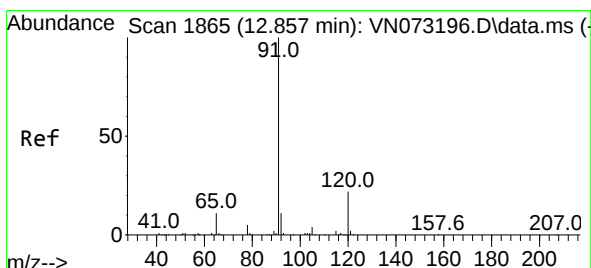
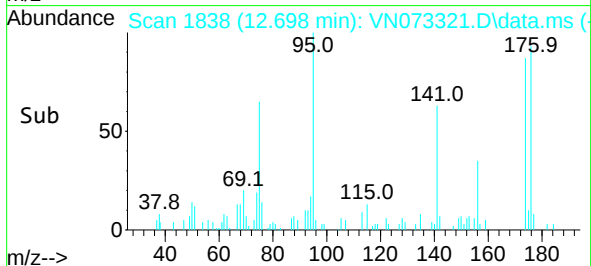
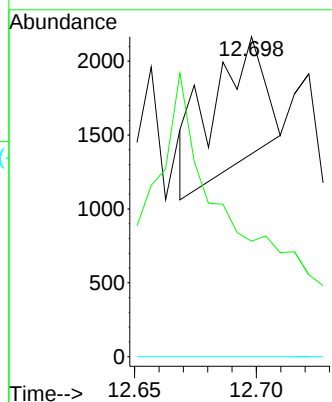
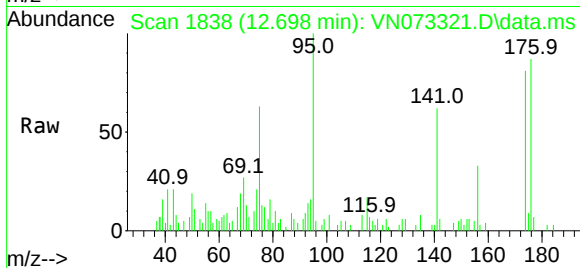
MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR

Tgt Ion:156 Resp: 1272

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 156 | 100   |       |        |
| 77  | 0.0   | 100.5 | 301.5# |
| 158 | 0.0   | 48.9  | 146.6# |



#78

n-propylbenzene

Concen: 0.979 ug/l

RT: 12.857 min Scan# 1865

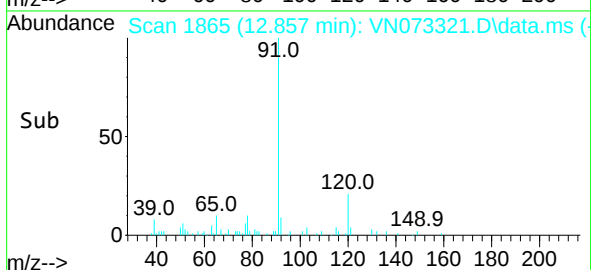
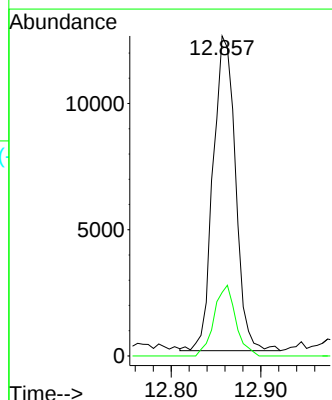
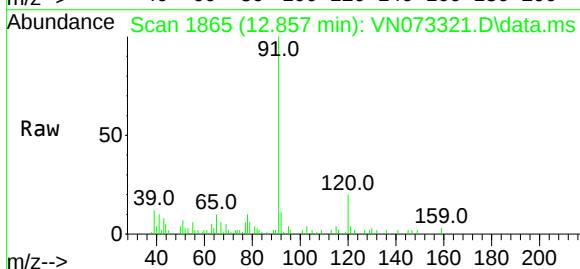
Delta R.T. -0.000 min

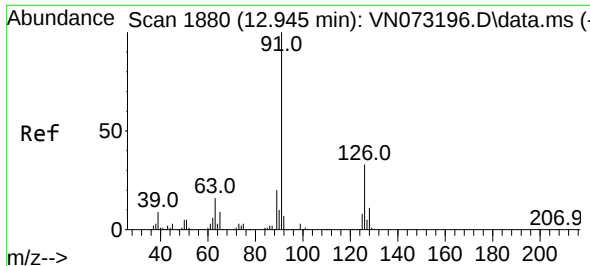
Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Tgt Ion: 91 Resp: 21671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 21.6  | 11.9  | 35.5  |

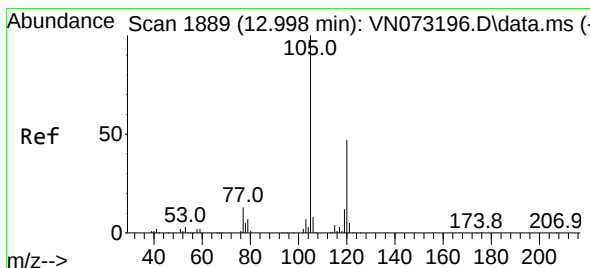
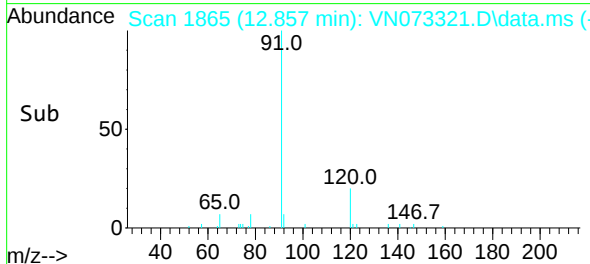
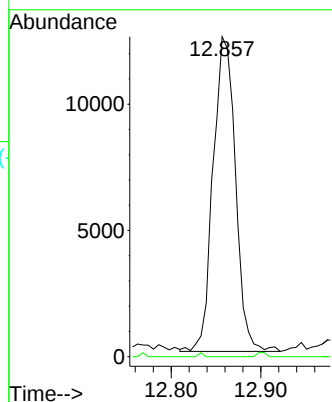
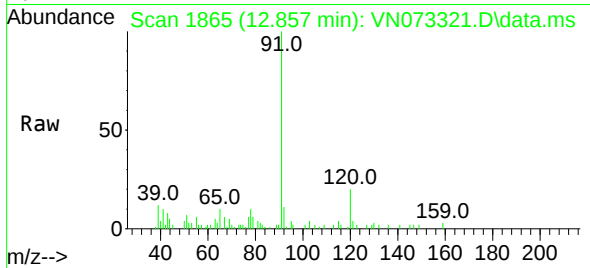




#79  
2-Chlorotoluene  
Concen: 1.547 ug/l  
RT: 12.857 min Scan# 11  
Delta R.T. -0.088 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

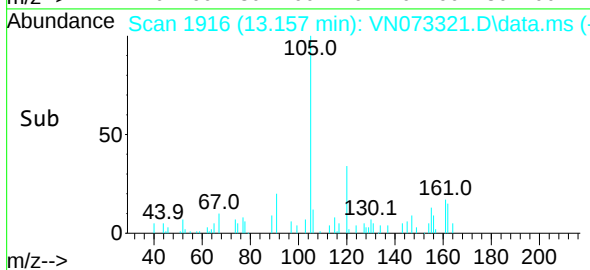
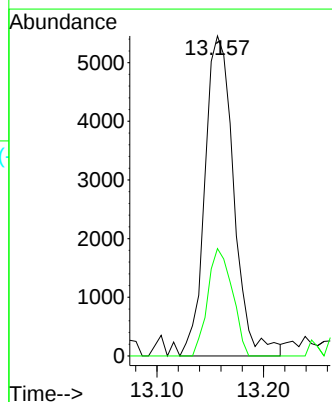
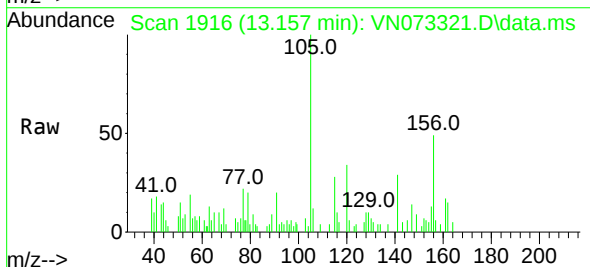
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

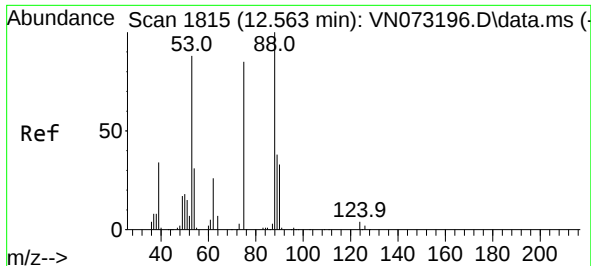
Tgt Ion: 91 Resp: 21671  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.9#



#80  
1,3,5-Trimethylbenzene  
Concen: 0.633 ug/l  
RT: 13.157 min Scan# 1916  
Delta R.T. 0.159 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 105 Resp: 10273  
Ion Ratio Lower Upper  
105 100  
120 28.4 24.9 74.7

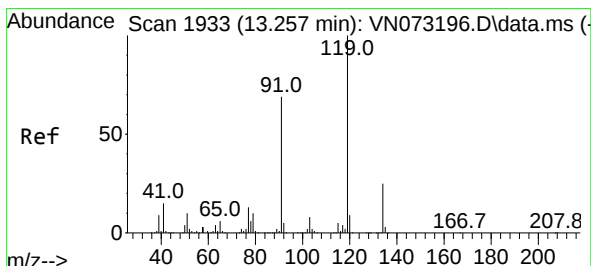
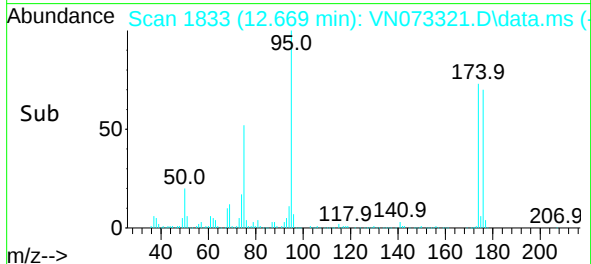
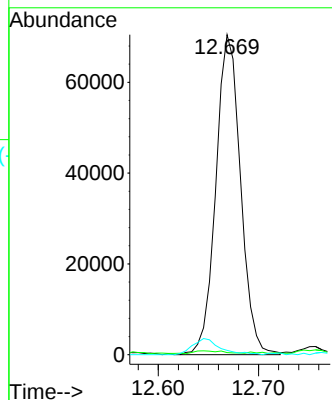
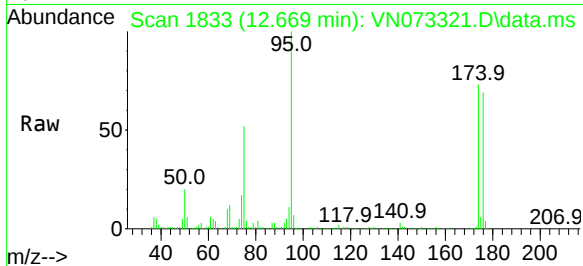




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.810 ug/l  
RT: 12.669 min Scan# 1815  
Delta R.T. 0.106 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

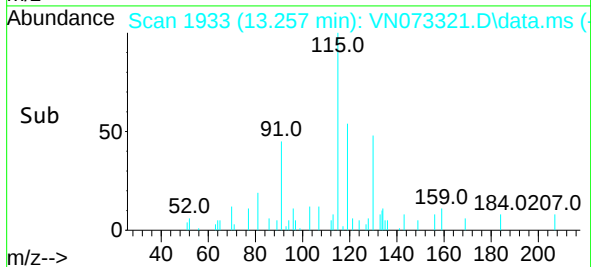
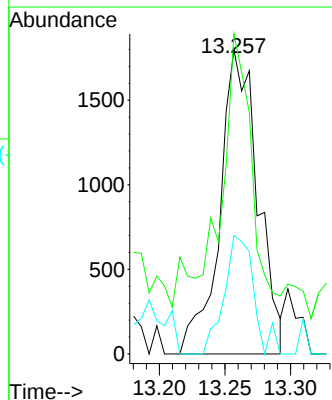
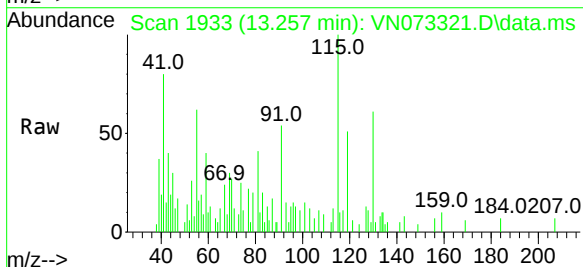
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

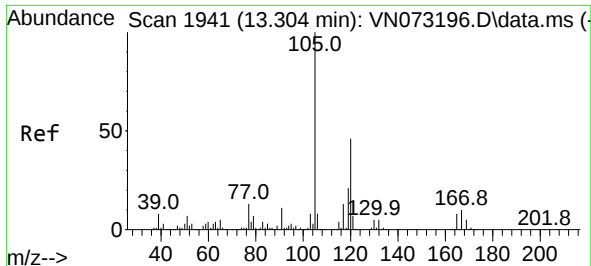
Tgt Ion: 75 Resp: 120585  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#



#83  
tert-Butylbenzene  
Concen: 0.249 ug/l  
RT: 13.257 min Scan# 1933  
Delta R.T. -0.000 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 119 Resp: 3626  
Ion Ratio Lower Upper  
119 100  
91 72.3 31.6 94.8  
134 30.2 13.7 41.1

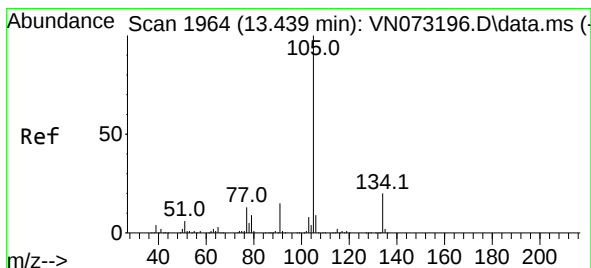
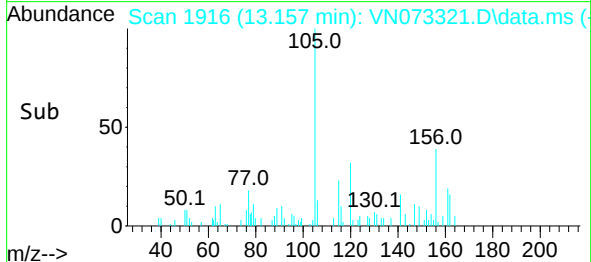
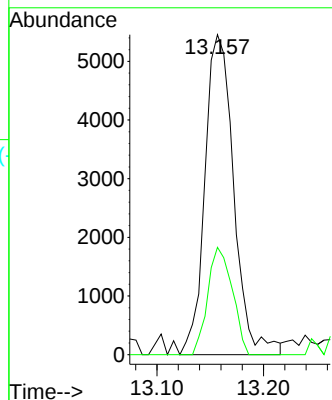
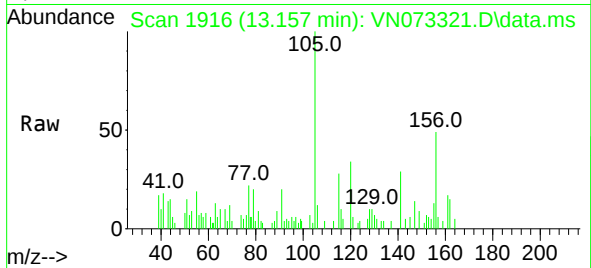




#84  
1,2,4-Trimethylbenzene  
Concen: 0.634 ug/l  
RT: 13.157 min Scan# 1916  
Delta R.T. -0.147 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

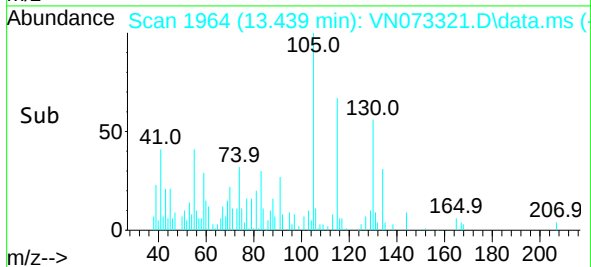
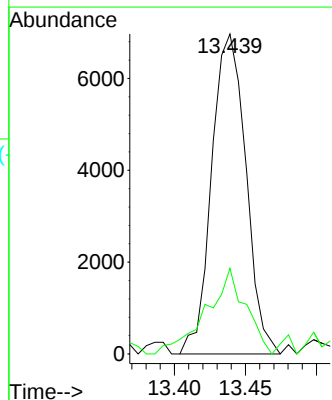
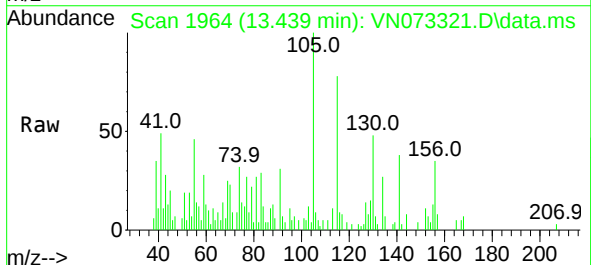
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

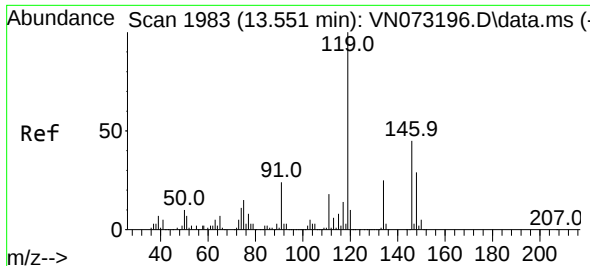
Tgt Ion:105 Resp: 10273  
Ion Ratio Lower Upper  
105 100  
120 28.4 23.3 69.8



#85  
sec-Butylbenzene  
Concen: 0.597 ug/l  
RT: 13.439 min Scan# 1964  
Delta R.T. 0.000 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion:105 Resp: 11680  
Ion Ratio Lower Upper  
105 100  
134 30.7 10.4 31.1

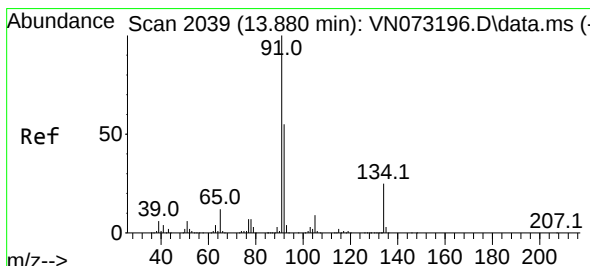
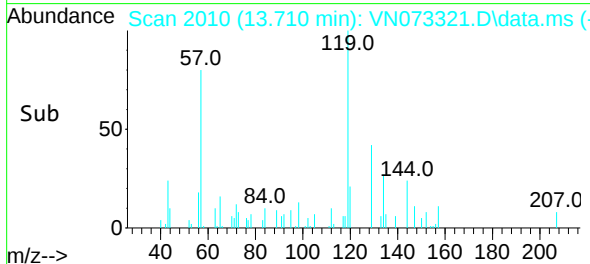
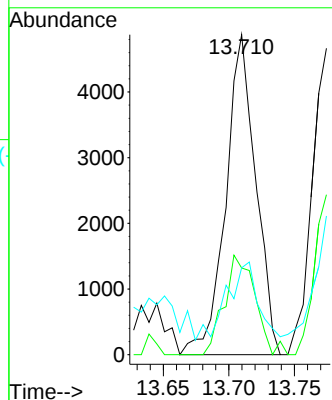
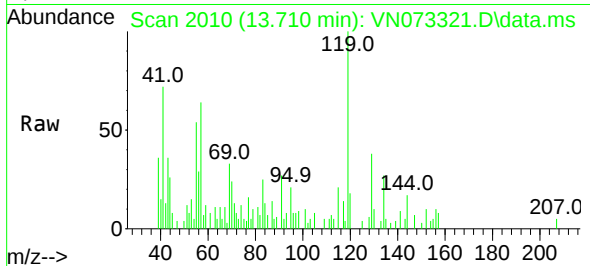




#86  
p-Isopropyltoluene  
Concen: 0.491 ug/l  
RT: 13.710 min Scan# 20  
Delta R.T. 0.159 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

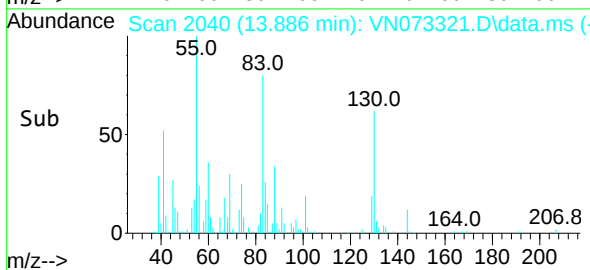
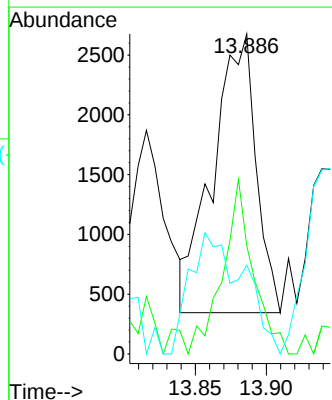
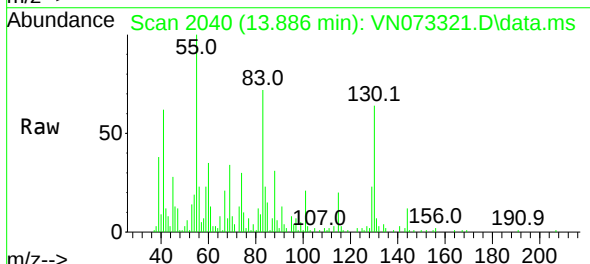
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

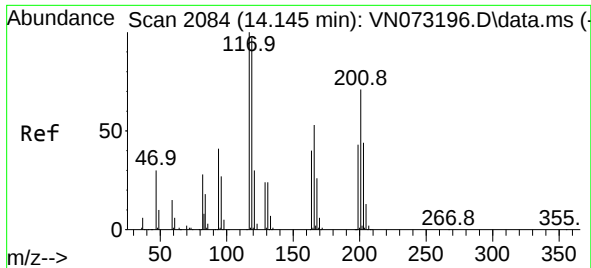
Tgt Ion:119 Resp: 7759  
Ion Ratio Lower Upper  
119 100  
134 32.1 13.3 39.8  
91 21.7 11.3 33.9



#89  
n-Butylbenzene  
Concen: 0.372 ug/l  
RT: 13.886 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 91 Resp: 4901  
Ion Ratio Lower Upper  
91 100  
92 44.1 26.9 80.7  
134 0.0 13.6 40.8#

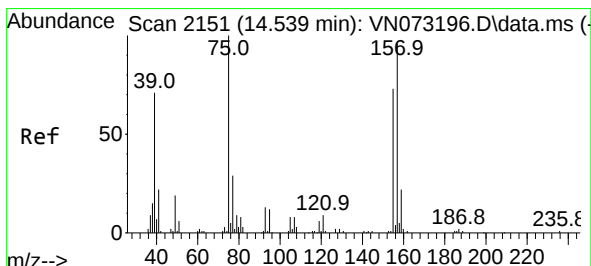
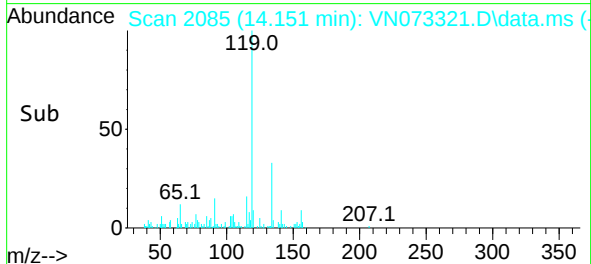
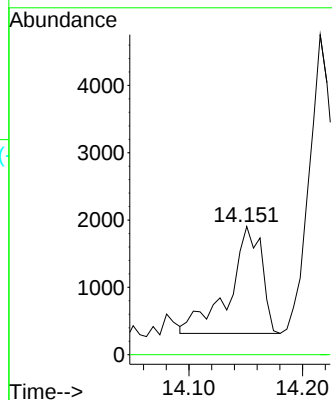
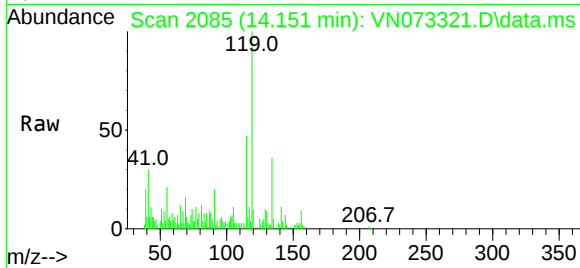




#90  
Hexachloroethane  
Concen: 1.072 ug/l  
RT: 14.151 min Scan# 2084  
Delta R.T. 0.006 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

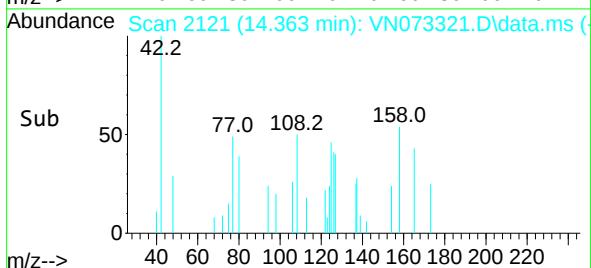
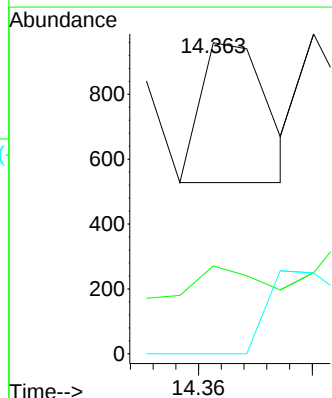
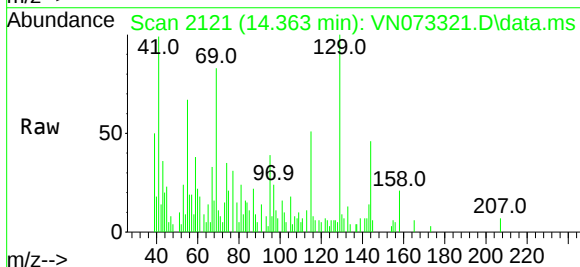
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-2-GR

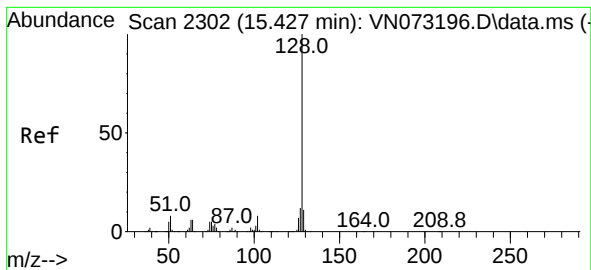
Tgt Ion:117 Resp: 3154  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.217 ug/l  
RT: 14.363 min Scan# 2121  
Delta R.T. -0.176 min  
Lab File: VN073321.D  
Acq: 05 Jul 2022 17:36

Tgt Ion: 75 Resp: 348  
Ion Ratio Lower Upper  
75 100  
155 107.5 44.9 134.5  
157 69.3 59.0 176.8





#95

Naphthalene

Concen: 0.231 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN073321.D

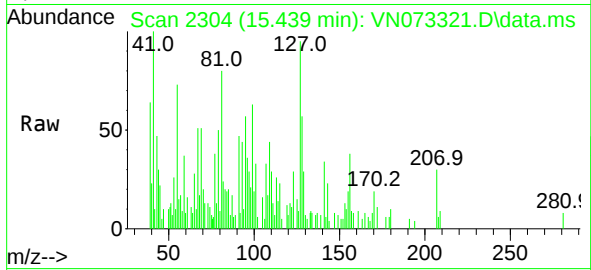
Acq: 05 Jul 2022 17:36

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-2-GR



Tgt Ion:128 Resp: 4109

Ion Ratio Lower Upper

128 100

127 162.2 10.3 15.5#

129 35.5 8.6 13.0#

