

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042022\  
 Data File : VY008430.D  
 Acq On : 20 Apr 2022 19:49  
 Operator : KP/MD  
 Sample : N2452-13  
 Misc : 5.24g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-15-1-5

Quant Time: Apr 21 02:42:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 141962   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 215732   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 116458   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.300 | 152  | 161569   | 50.000 | ug/l  | -0.13    |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 57555    | 43.161   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 86.320%   |
| 35) Dibromofluoromethane    | 7.716  | 113   | 66180    | 53.113   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 106.220%  |
| 50) Toluene-d8              | 10.179 | 98    | 456370   | 107.037  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 214.080%# |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 307123   | 191.513  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 383.020%# |

|                               |        |     |         |           |        |        |
|-------------------------------|--------|-----|---------|-----------|--------|--------|
| Target Compounds              |        |     |         |           |        | Qvalue |
| 3) Chloromethane              | 2.119  | 50  | 208     | Below Cal | #      | 44     |
| 5) Bromomethane               | 2.668  | 94  | 83      | Below Cal |        | 86     |
| 11) Tert butyl alcohol        | 4.942  | 59  | 809     | 5.675     | ug/l # | 77     |
| 15) Acrylonitrile             | 5.235  | 53  | 3825    | 8.992     | ug/l # | 52     |
| 16) Acetone                   | 3.948  | 43  | 41718   | 130.070   | ug/l # | 85     |
| 17) Carbon Disulfide          | 4.192  | 76  | 18469   | 5.000     | ug/l   | 98     |
| 18) Methyl Acetate            | 4.558  | 43  | 1244    | Below Cal | #      | 56     |
| 20) Methylene Chloride        | 4.722  | 84  | 2685    | Below Cal | #      | 48     |
| 25) 2-Butanone                | 6.984  | 43  | 18240   | 36.369    | ug/l # | 83     |
| 29) Tetrahydrofuran           | 7.344  | 42  | 383     | 1.183     | ug/l # | 38     |
| 31) Cyclohexane               | 7.783  | 56  | 240319  | 99.662    | ug/l # | 79     |
| 36) 1,1-Dichloropropene       | 7.789  | 75  | 9714    | 4.882     | ug/l # | 73     |
| 37) Ethyl Acetate             | 6.984  | 43  | 18240   | 17.778    | ug/l # | 73     |
| 38) Carbon Tetrachloride      | 7.789  | 117 | 13654   | 6.379     | ug/l # | 15     |
| 39) Methylcyclohexane         | 9.185  | 83  | 1915143 | 748.073   | ug/l # | 80     |
| 40) Benzene                   | 8.161  | 78  | 8290    | 1.399     | ug/l   | 96     |
| 43) Isopropyl Acetate         | 8.265  | 43  | 48951   | 25.708    | ug/l # | 57     |
| 45) 1,2-Dichloropropane       | 9.179  | 63  | 15583   | 10.766    | ug/l # | 1      |
| 47) Bromodichloromethane      | 9.466  | 83  | 19530   | 9.065     | ug/l # | 42     |
| 48) Methyl methacrylate       | 9.240  | 41  | 59689   | 73.741    | ug/l # | 39     |
| 51) 4-Methyl-2-Pentanone      | 10.112 | 43  | 46082   | 46.869    | ug/l   | 89     |
| 52) Toluene                   | 10.246 | 92  | 54828   | 14.045    | ug/l   | 96     |
| 55) 1,1,2-Trichloroethane     | 10.618 | 97  | 704574  | 515.585   | ug/l # | 19     |
| 56) Ethyl methacrylate        | 10.520 | 69  | 260160  | 155.279   | ug/l # | 19     |
| 58) 2-Chloroethyl Vinyl ether | 9.752  | 63  | 687     | 1.041     | ug/l # | 48     |
| 59) 2-Hexanone                | 10.807 | 43  | 935567  | 1382.876  | ug/l # | 34     |
| 60) Dibromochloromethane      | 10.910 | 129 | 4127    | 2.585     | ug/l # | 54     |
| 61) 1,2-Dibromoethane         | 11.093 | 107 | 1370    | 1.025     | ug/l # | 1      |
| 65) Chlorobenzene             | 11.514 | 112 | 42960   | 17.010    | ug/l   | 96     |
| 67) Ethyl Benzene             | 11.593 | 91  | 759919  | 176.935   | ug/l   | 95     |
| 68) m/p-Xylenes               | 11.703 | 106 | 2474218 | 1448.517  | ug/l   | 87     |
| 69) o-Xylene                  | 12.032 | 106 | 1116801 | 673.752   | ug/l   | 90     |
| 70) Styrene                   | 12.032 | 104 | 53631   | 19.618    | ug/l # | 1      |
| 73) Isopropylbenzene          | 12.331 | 105 | 1568740 | 130.594   | ug/l   | 98     |
| 74) N-amyl acetate            | 12.130 | 43  | 2005050 | 768.819   | ug/l # | 70     |
| 75) 1,1,2,2-Tetrachloroethane | 12.563 | 83  | 240489  | 94.614    | ug/l # | 63     |

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 Misc : 5.24g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-15-1-5

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 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

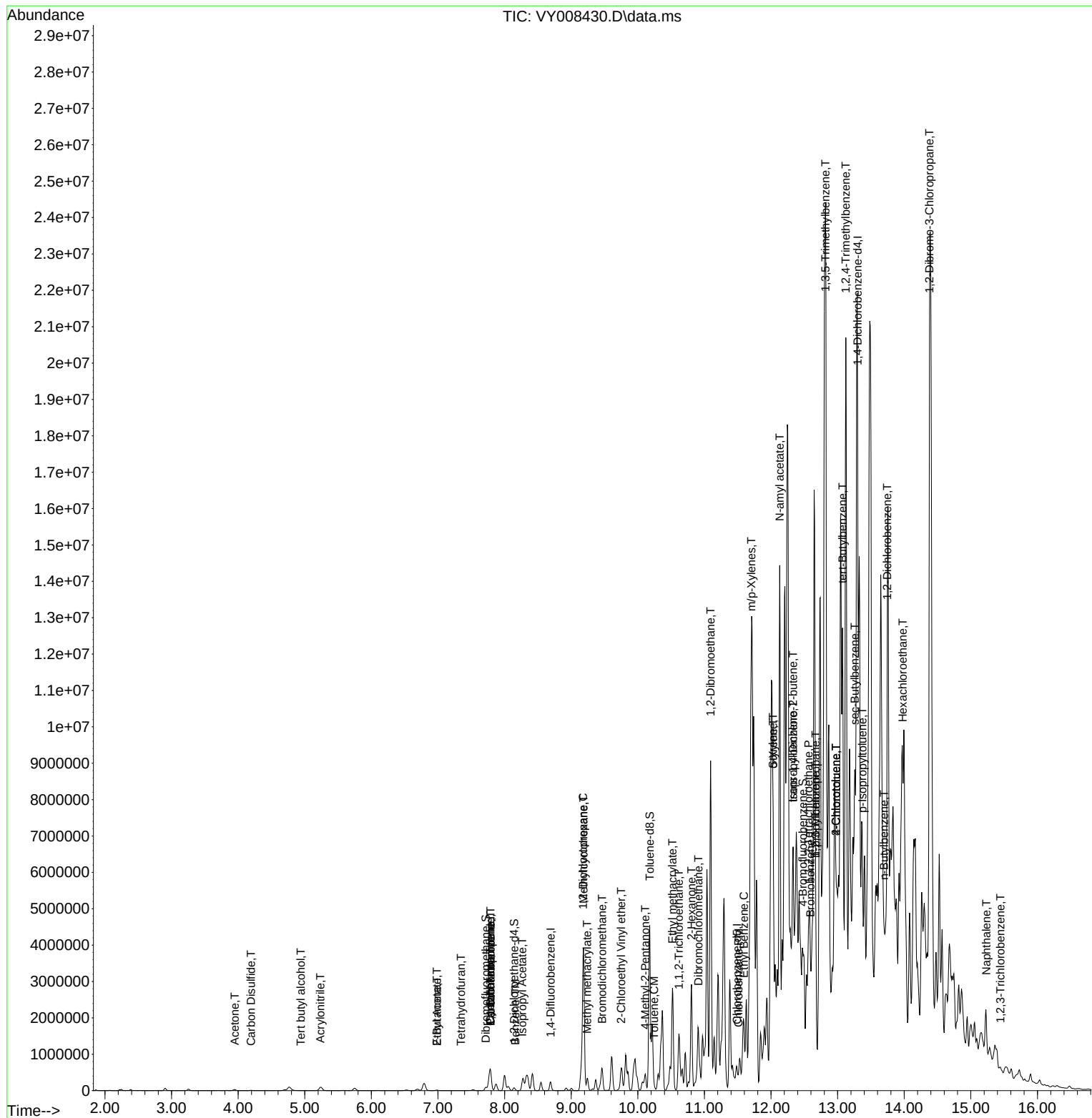
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |  |
|-------------------------------|--------|------|----------|---------|--------|----------|--|
| -----                         |        |      |          |         |        |          |  |
| 76) 1,2,3-Trichloropropane    | 12.672 | 75   | 10720    | 5.999   | ug/l # | 100      |  |
| 77) Bromobenzene              | 12.593 | 156  | 6432     | 2.185   | ug/l # | 1        |  |
| 78) n-propylbenzene           | 12.672 | 91   | 1563242  | 110.284 | ug/l   | 95       |  |
| 79) 2-Chlorotoluene           | 12.977 | 91   | 213118   | 26.791  | ug/l   | 96       |  |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 4086815  | 414.904 | ug/l   | 96       |  |
| 81) trans-1,4-Dichloro-2-b... | 12.331 | 75   | 15709    | 19.670  | ug/l # | 18       |  |
| 82) 4-Chlorotoluene           | 12.977 | 91   | 213970   | 26.174  | ug/l   | 95       |  |
| 83) tert-Butylbenzene         | 13.075 | 119  | 151002   | 17.088  | ug/l   | 80       |  |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 8223410  | 843.607 | ug/l   | 89       |  |
| 85) sec-Butylbenzene          | 13.258 | 105  | 1472373  | 112.390 | ug/l # | 68       |  |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 715858   | 65.482  | ug/l   | 98       |  |
| 89) n-Butylbenzene            | 13.696 | 91   | 779684   | 78.938  | ug/l # | 70       |  |
| 90) Hexachloroethane          | 13.977 | 117  | 169649   | 83.028  | ug/l # | 6        |  |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 50457    | 9.728   | ug/l # | 1        |  |
| 92) 1,2-Dibromo-3-Chloropr... | 14.379 | 75   | 2625     | 7.218   | ug/l # | 9        |  |
| 95) Naphthalene               | 15.233 | 128  | 167818   | 25.538  | ug/l # | 9        |  |
| 96) 1,2,3-Trichlorobenzene    | 15.446 | 180  | 4481     | 1.669   | ug/l # | 13       |  |
| -----                         |        |      |          |         |        |          |  |

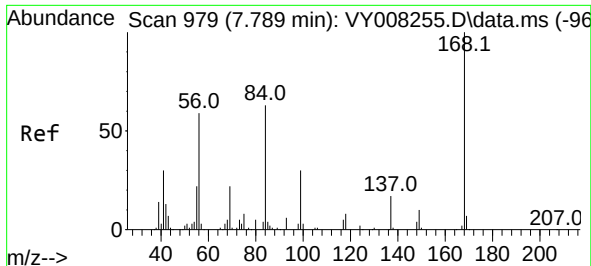
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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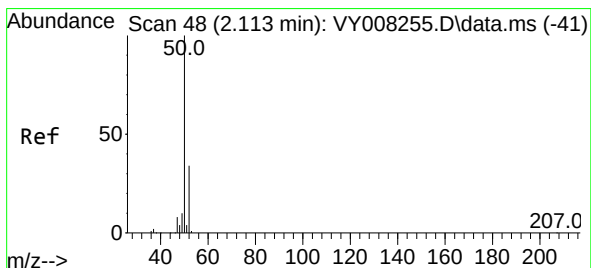
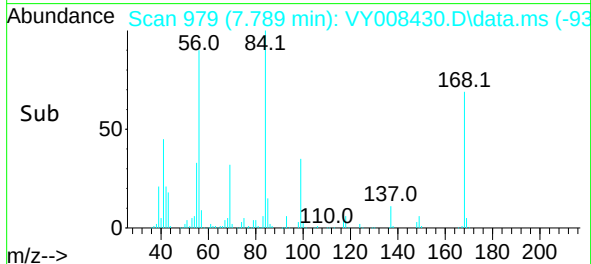
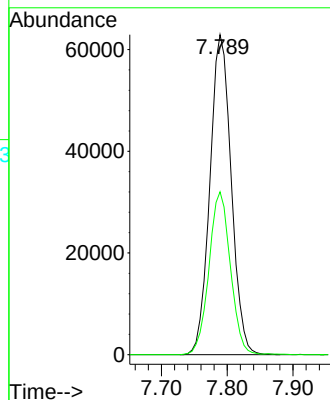
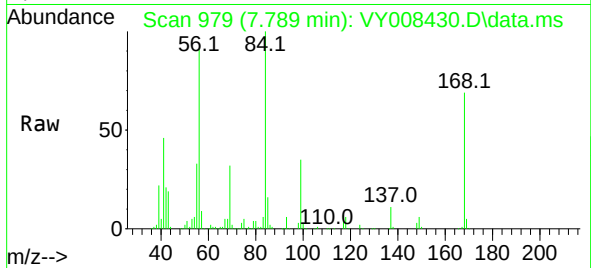




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

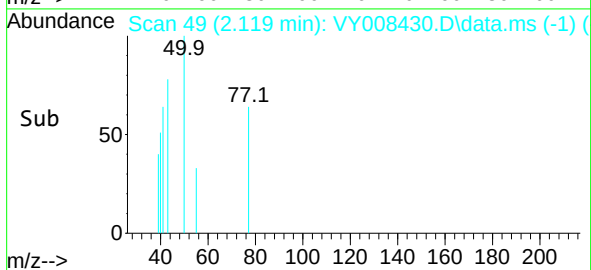
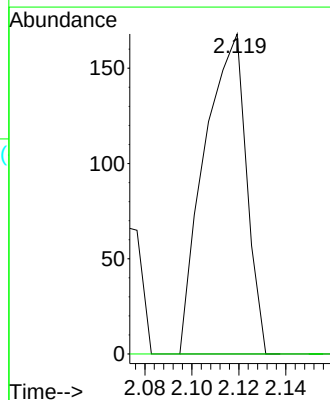
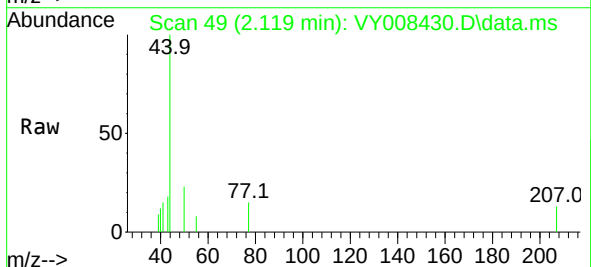
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

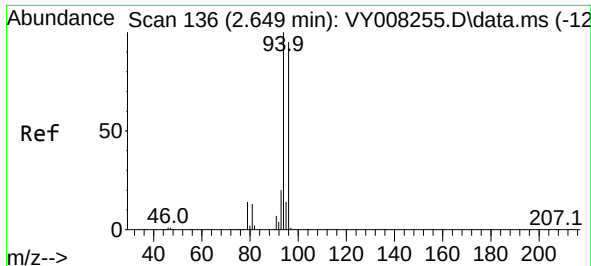
Tgt Ion:168 Resp: 141962  
Ion Ratio Lower Upper  
168 100  
99 50.9 46.9 70.3



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.119 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 50 Resp: 208  
Ion Ratio Lower Upper  
50 100  
52 0.0 24.6 37.0#

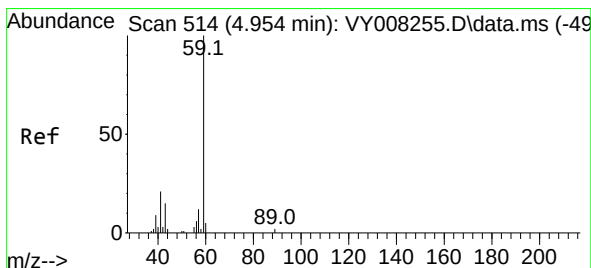
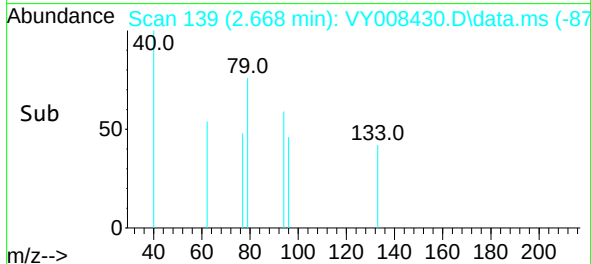
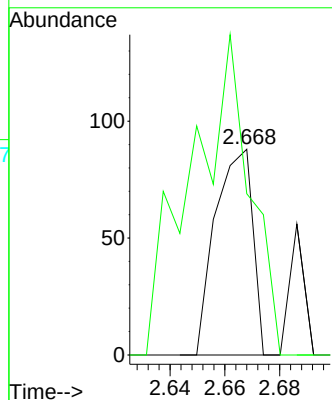
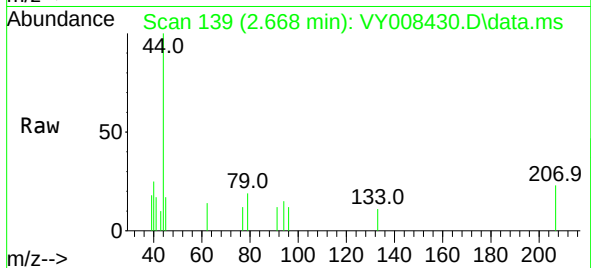




#5  
Bromomethane  
Concen: Below Cal  
RT: 2.668 min Scan# 11  
Delta R.T. 0.019 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

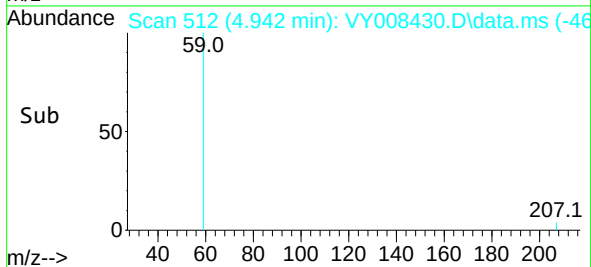
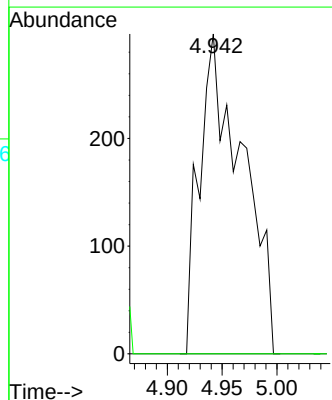
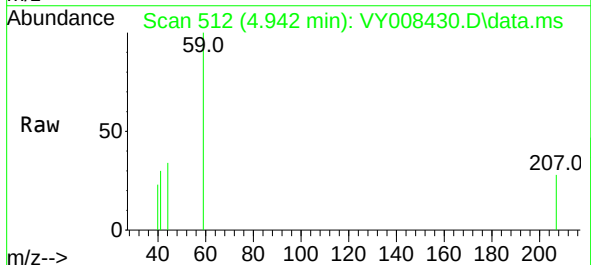
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

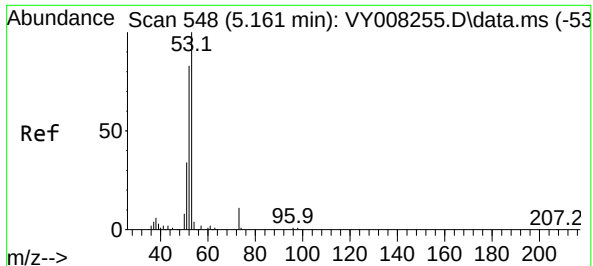
Tgt Ion: 94 Resp: 83  
Ion Ratio Lower Upper  
94 100  
96 78.4 73.5 110.3



#11  
Tert butyl alcohol  
Concen: 5.675 ug/l  
RT: 4.942 min Scan# 512  
Delta R.T. -0.012 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 59 Resp: 809  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.4 9.6#





#15

Acrylonitrile

Concen: 8.992 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.074 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

WC-15-1-5

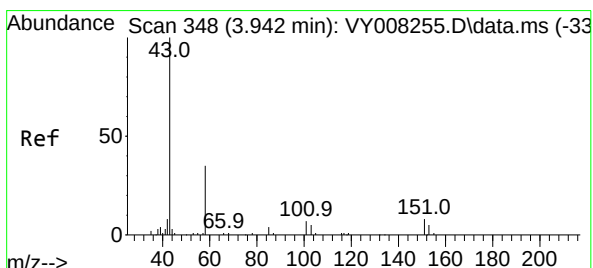
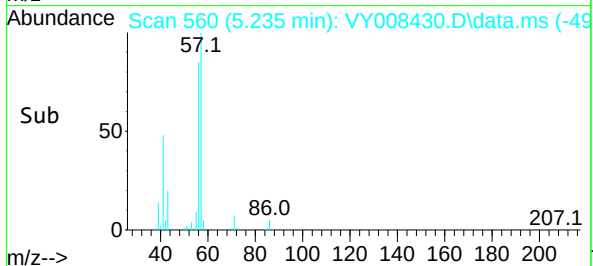
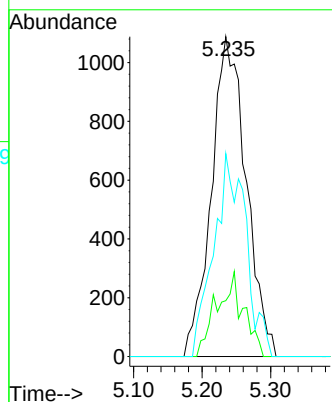
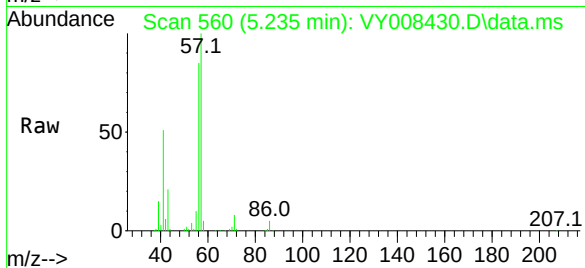
Tgt Ion: 53 Resp: 3825

Ion Ratio Lower Upper

53 100

52 20.5 67.0 100.4#

51 37.3 29.8 44.6



#16

Acetone

Concen: 130.070 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008430.D

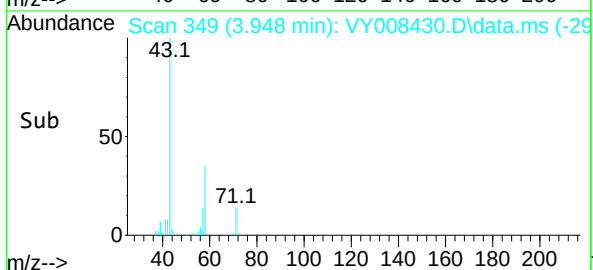
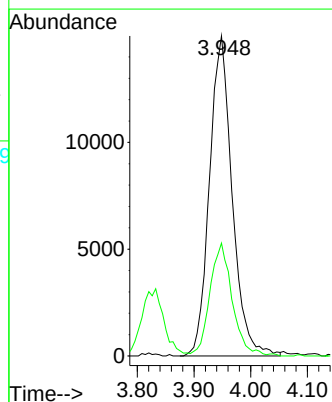
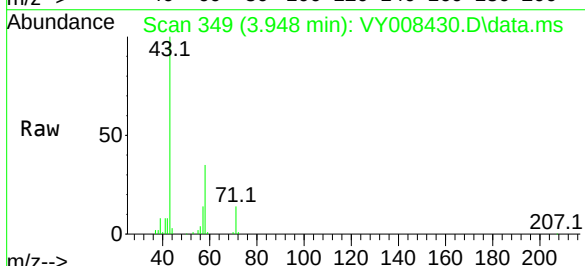
Acq: 20 Apr 2022 19:49

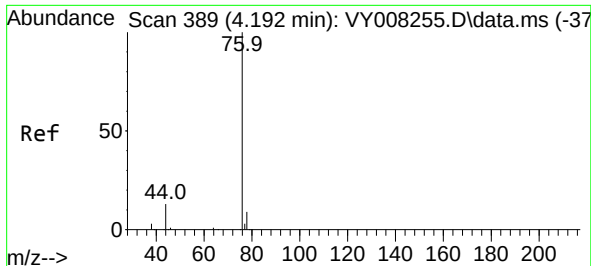
Tgt Ion: 43 Resp: 41718

Ion Ratio Lower Upper

43 100

58 35.3 22.0 33.0#

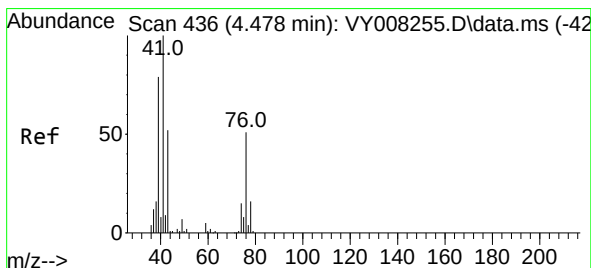
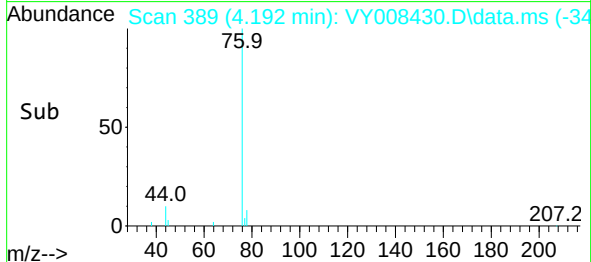
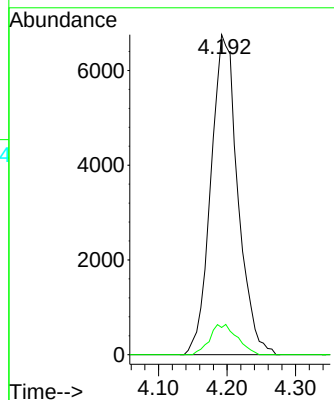
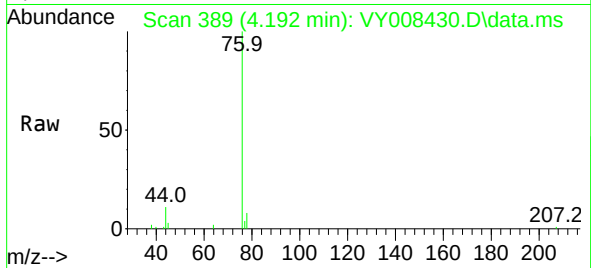




#17  
Carbon Disulfide  
Concen: 5.000 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

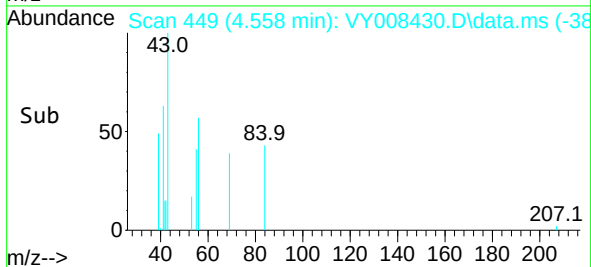
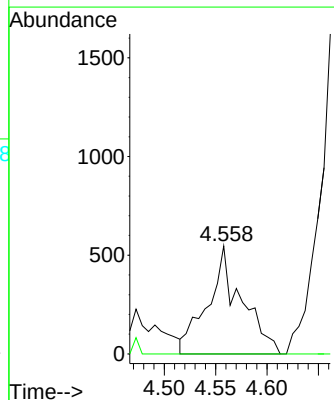
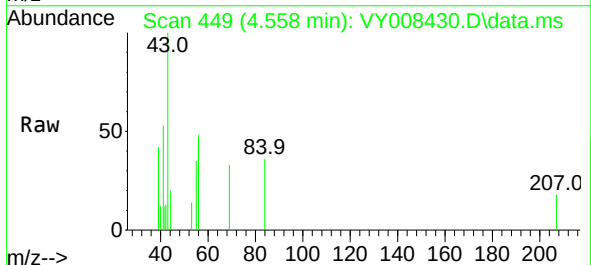
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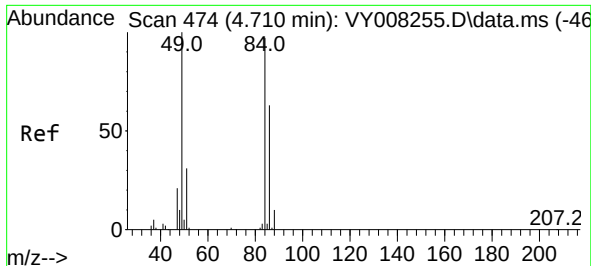
Tgt Ion: 76 Resp: 18469  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.558 min Scan# 449  
Delta R.T. 0.080 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 43 Resp: 1244  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.6 24.8#

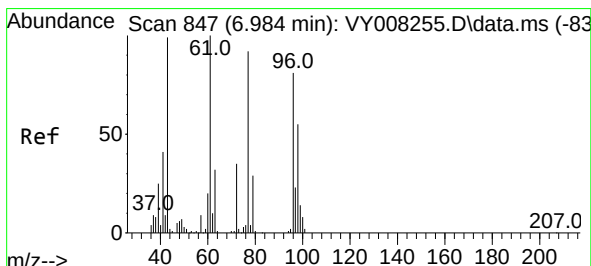
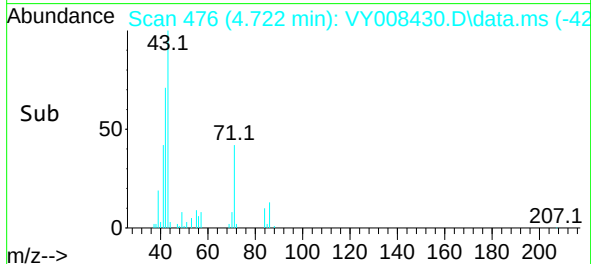
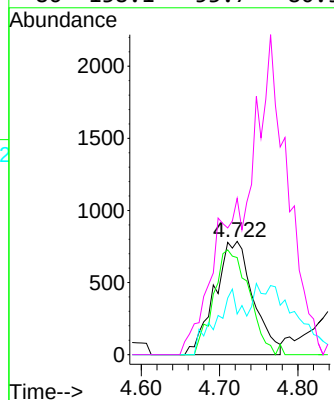
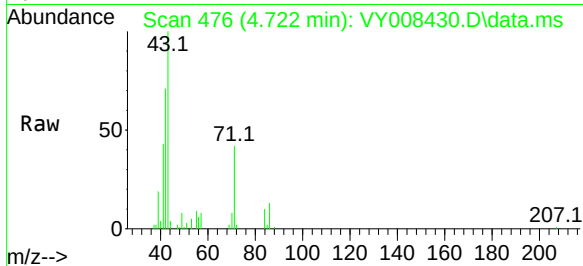




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.722 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

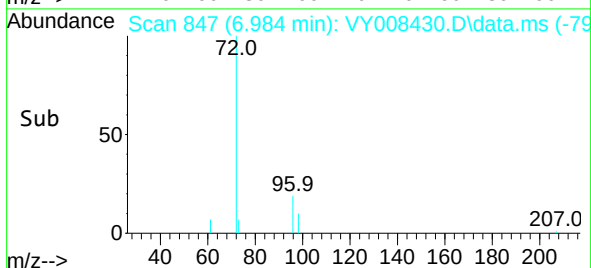
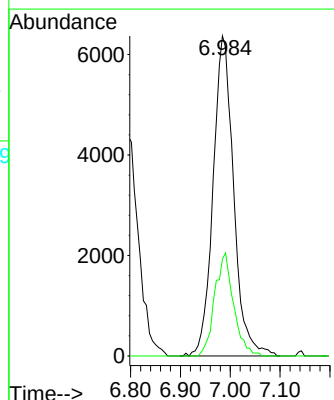
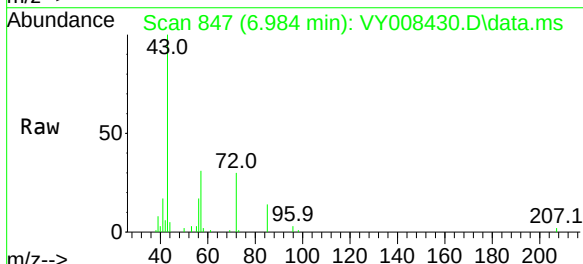
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WC-15-1-5

Tgt Ion: 84 Resp: 2685  
Ion Ratio Lower Upper  
84 100  
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51 35.8 35.3 52.9  
86 138.1 53.7 80.5#

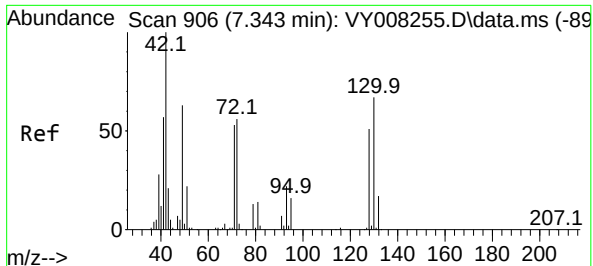


#25  
2-Butanone  
Concen: 36.369 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 43 Resp: 18240  
Ion Ratio Lower Upper  
43 100  
72 30.3 17.7 26.5#







#29

Tetrahydrofuran

Concen: 1.183 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

WC-15-1-5

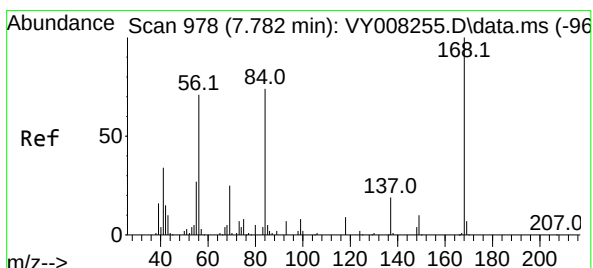
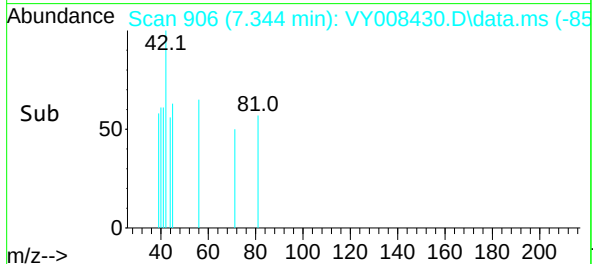
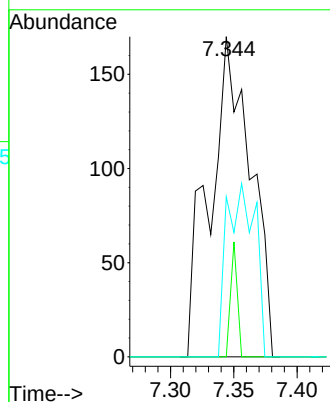
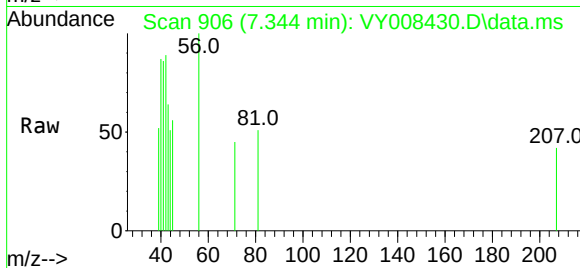
Tgt Ion: 42 Resp: 383

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#31

Cyclohexane

Concen: 99.662 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.001 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

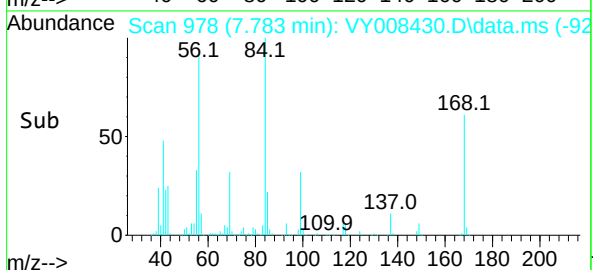
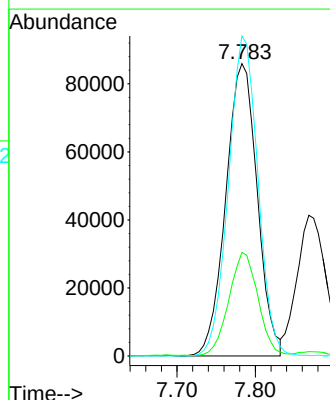
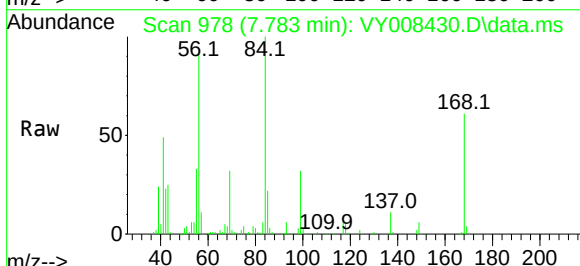
Tgt Ion: 56 Resp: 240319

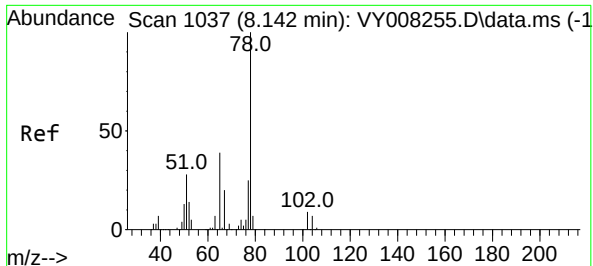
Ion Ratio Lower Upper

56 100

69 35.2 26.7 40.1

84 109.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 43.161 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

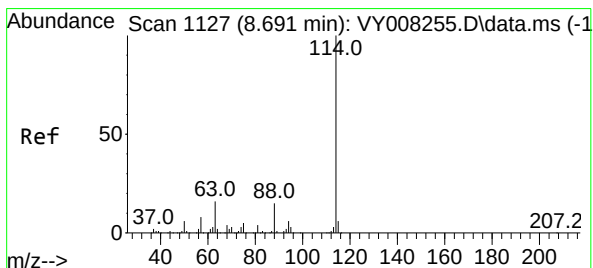
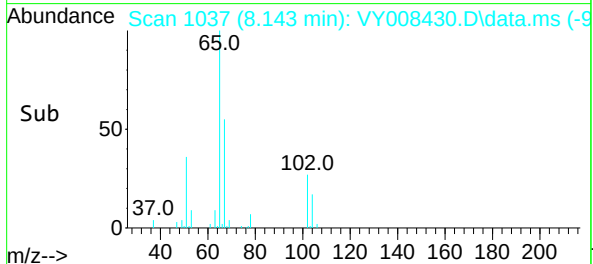
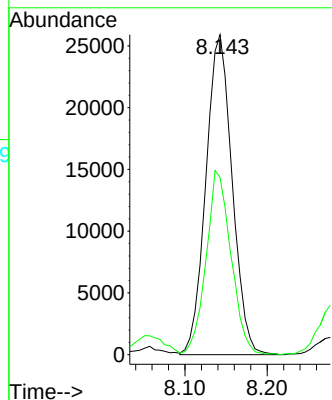
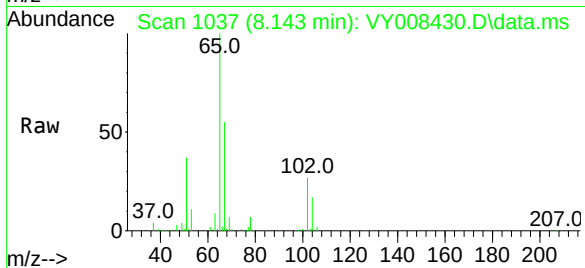
WC-15-1-5

Tgt Ion: 65 Resp: 57555

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

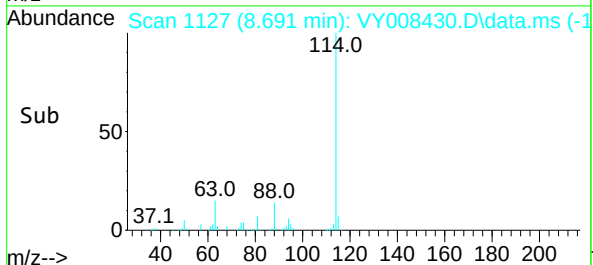
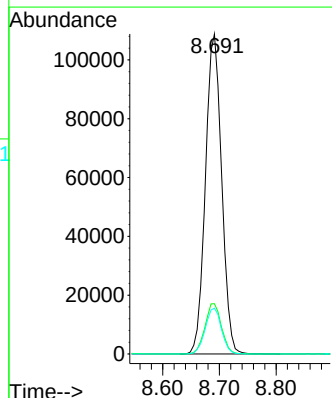
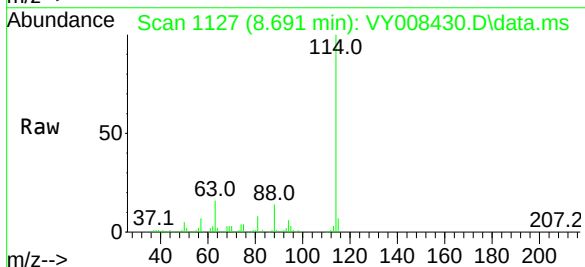
Tgt Ion: 114 Resp: 215732

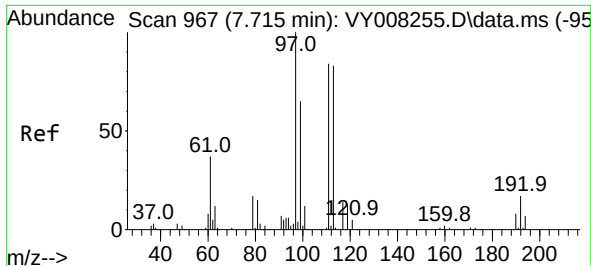
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 14.3 0.0 31.8

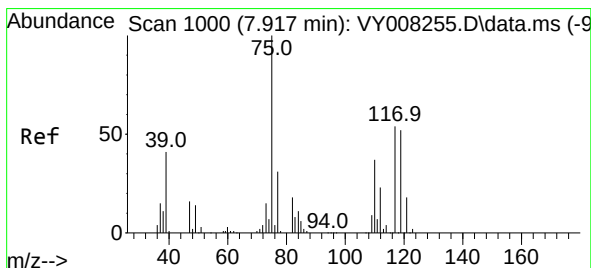
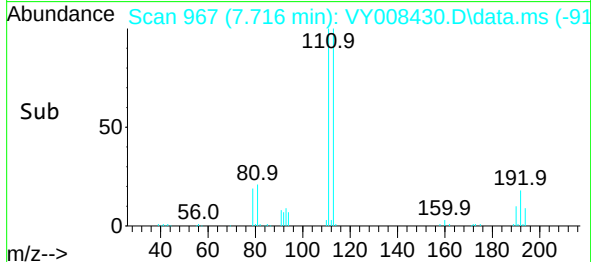
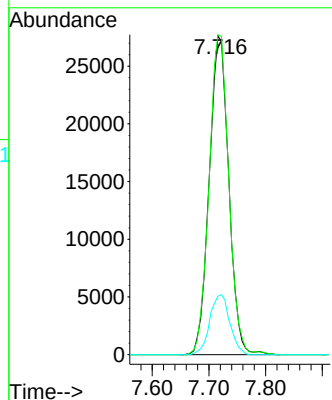
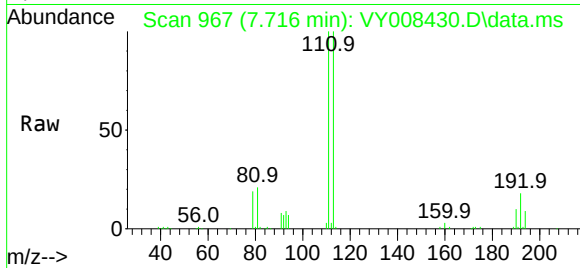




#35  
Dibromofluoromethane  
Concen: 53.113 ug/l  
RT: 7.716 min Scan# 911  
Delta R.T. 0.001 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

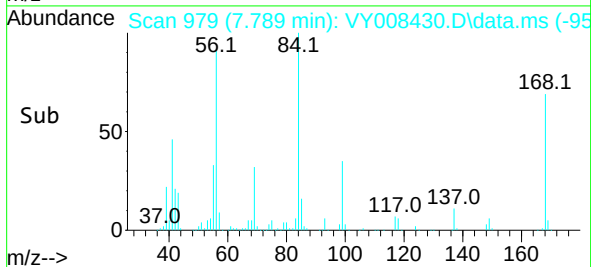
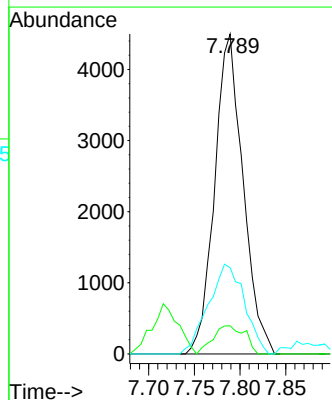
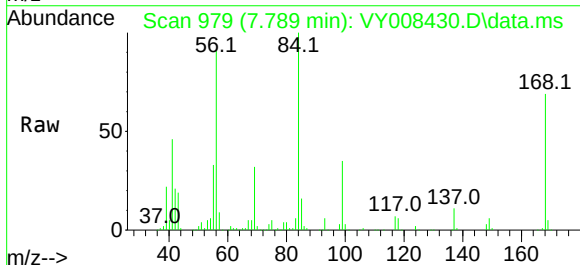
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

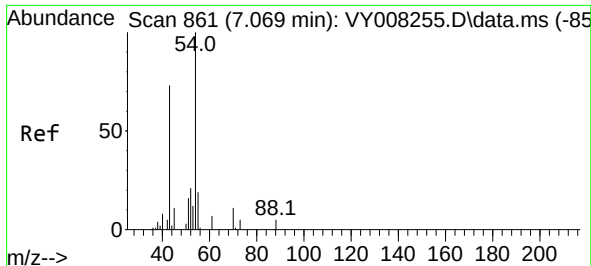
Tgt Ion:113 Resp: 66180  
Ion Ratio Lower Upper  
113 100  
111 100.8 82.6 124.0  
192 19.3 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 4.882 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.128 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 75 Resp: 9714  
Ion Ratio Lower Upper  
75 100  
110 9.9 17.1 51.2#  
77 35.5 24.4 36.6





#37

Ethyl Acetate

Concen: 17.778 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

WC-15-1-5

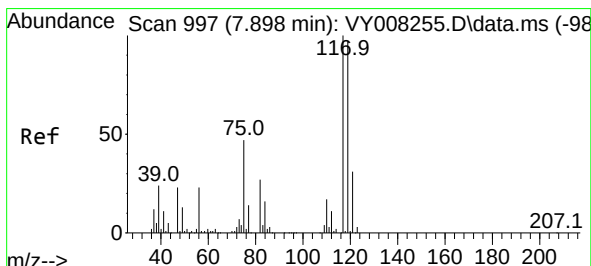
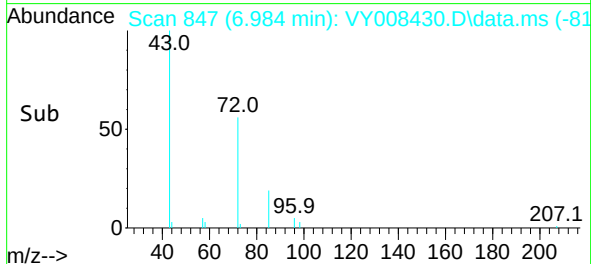
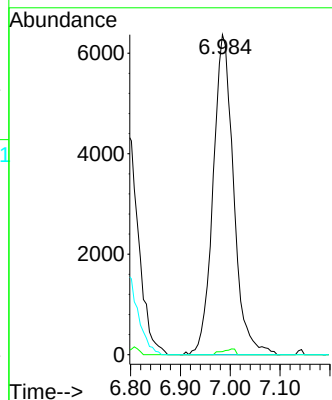
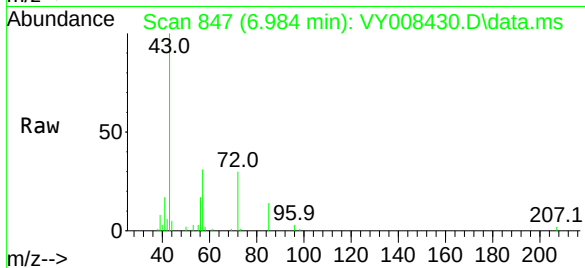
Tgt Ion: 43 Resp: 18240

Ion Ratio Lower Upper

43 100

61 1.2 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.379 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

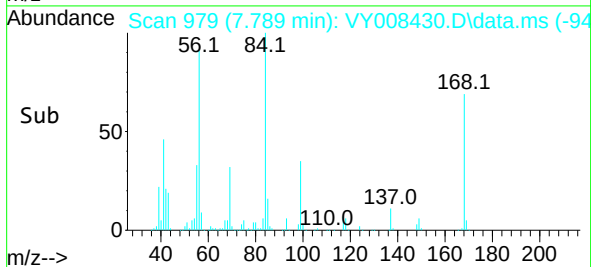
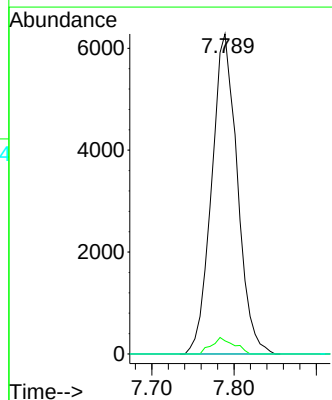
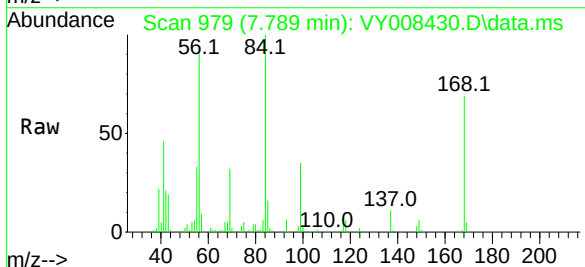
Tgt Ion: 117 Resp: 13654

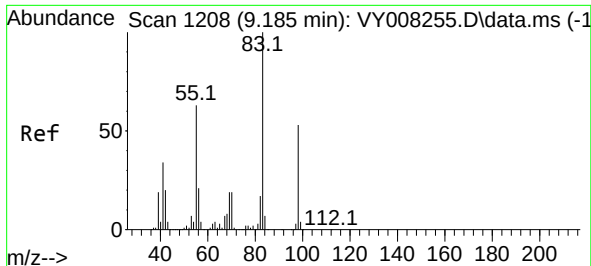
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

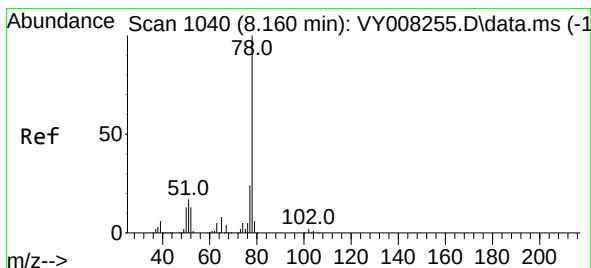
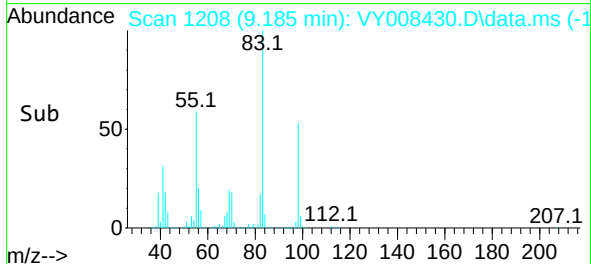
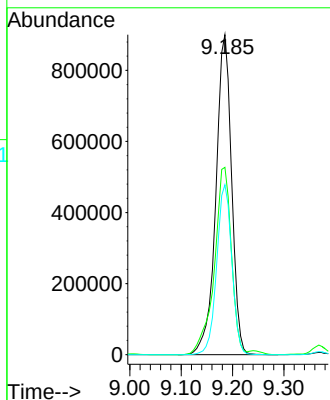
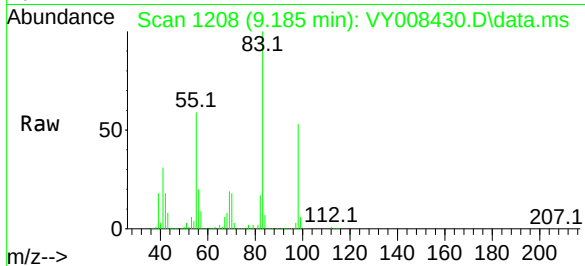




#39  
Methylcyclohexane  
Concen: 748.073 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

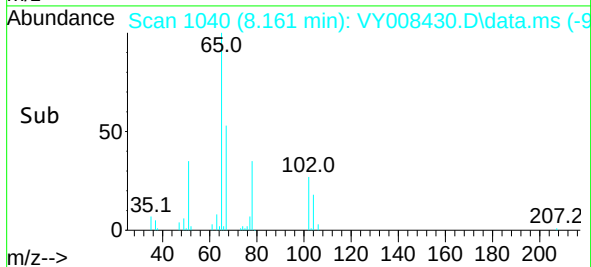
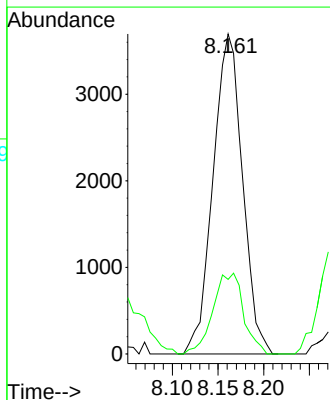
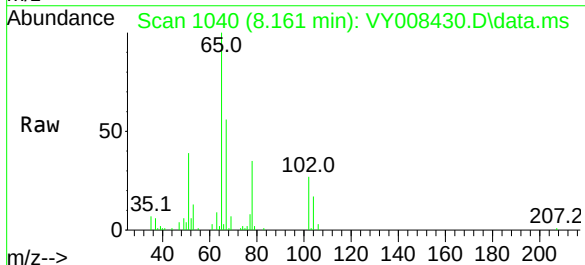
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

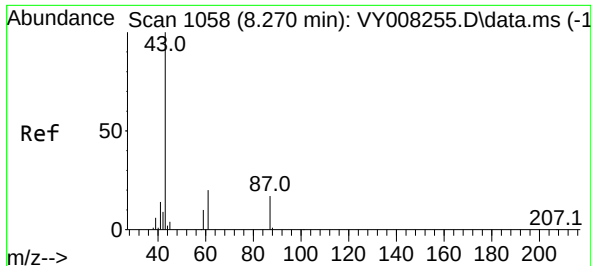
Tgt Ion: 83 Resp: 1915143  
Ion Ratio Lower Upper  
83 100  
55 58.6 66.5 99.7#  
98 53.1 37.9 56.9



#40  
Benzene  
Concen: 1.399 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.001 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 78 Resp: 8290  
Ion Ratio Lower Upper  
78 100  
77 23.3 20.4 30.6

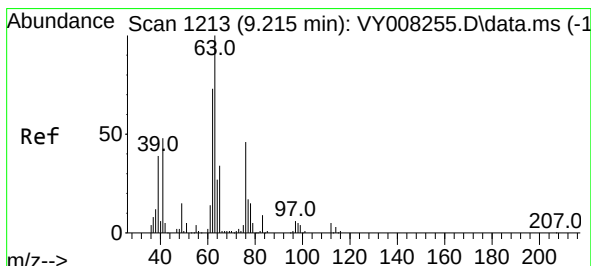
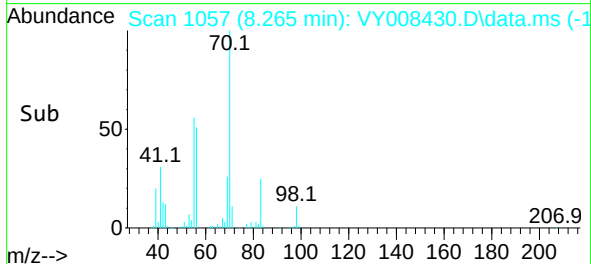
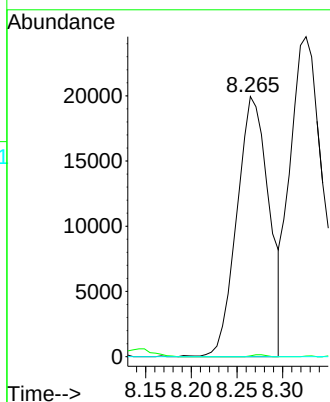
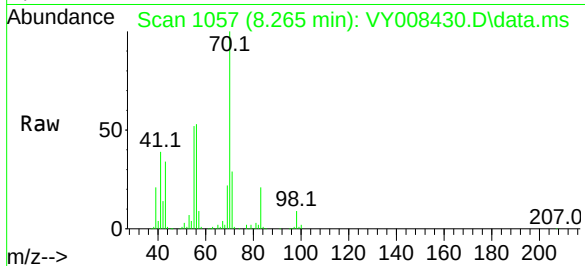




#43  
Isopropyl Acetate  
Concen: 25.708 ug/l  
RT: 8.265 min Scan# 1057  
Delta R.T. -0.005 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

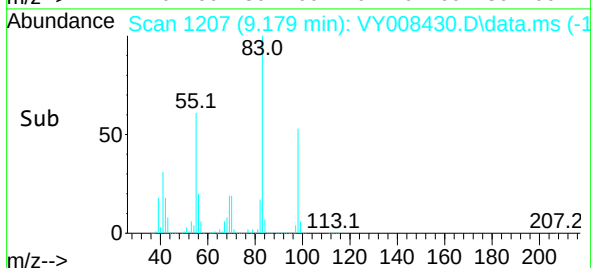
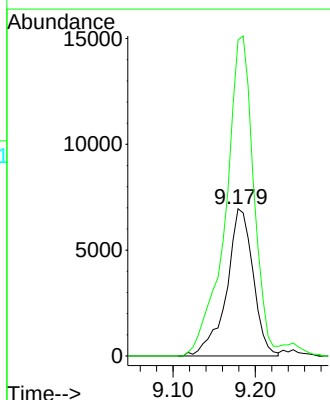
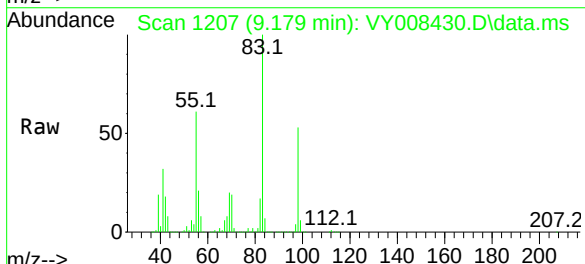
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

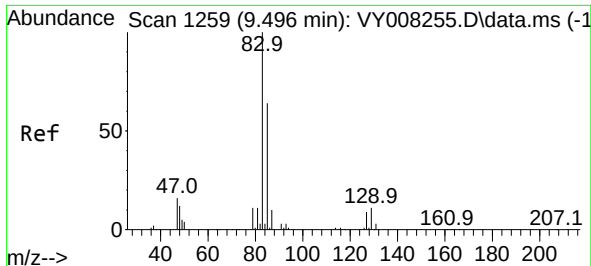
Tgt Ion: 43 Resp: 48951  
Ion Ratio Lower Upper  
43 100  
61 0.3 20.2 30.2#  
87 0.0 8.9 13.3#



#45  
1,2-Dichloropropane  
Concen: 10.766 ug/l  
RT: 9.179 min Scan# 1207  
Delta R.T. -0.036 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 63 Resp: 15583  
Ion Ratio Lower Upper  
63 100  
65 214.7 23.0 34.6#

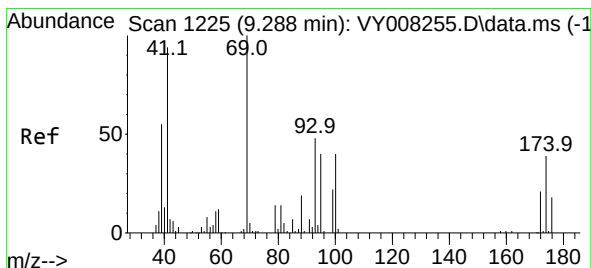
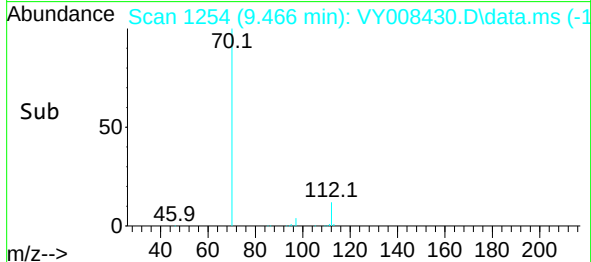
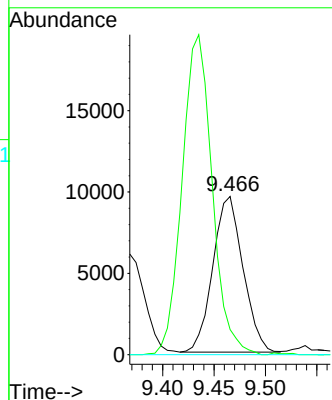
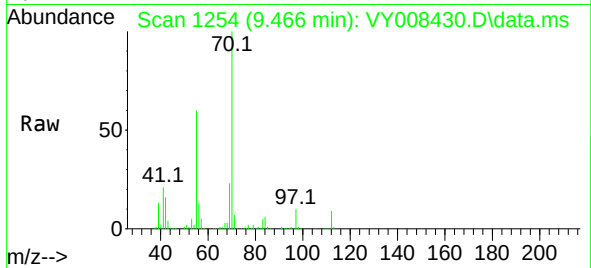




#47  
Bromodichloromethane  
Concen: 9.065 ug/l  
RT: 9.466 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

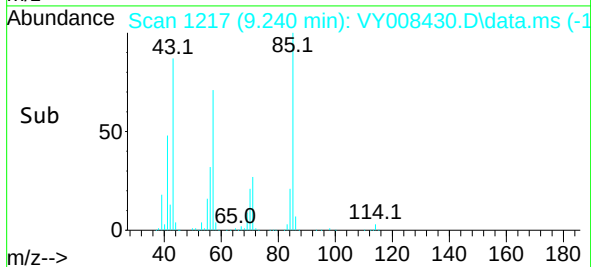
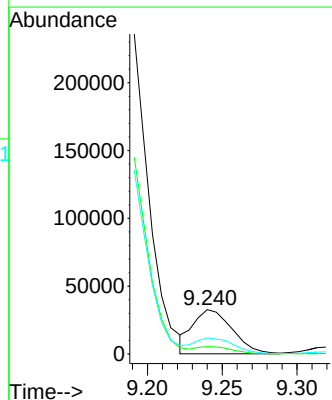
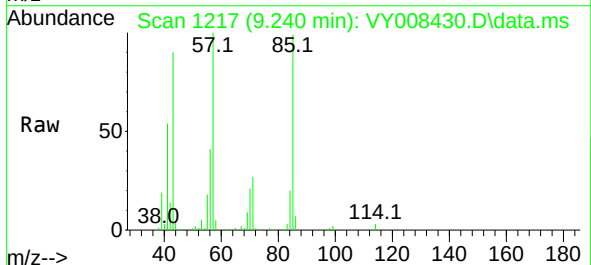
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

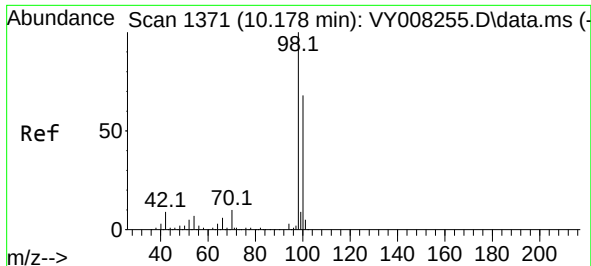
Tgt Ion: 83 Resp: 19530  
Ion Ratio Lower Upper  
83 100  
85 15.5 51.9 77.9#  
127 0.0 6.6 10.0#



#48  
Methyl methacrylate  
Concen: 73.741 ug/l  
RT: 9.240 min Scan# 1217  
Delta R.T. -0.048 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 41 Resp: 59689  
Ion Ratio Lower Upper  
41 100  
69 0.0 58.2 87.2#  
39 37.3 47.4 71.0#

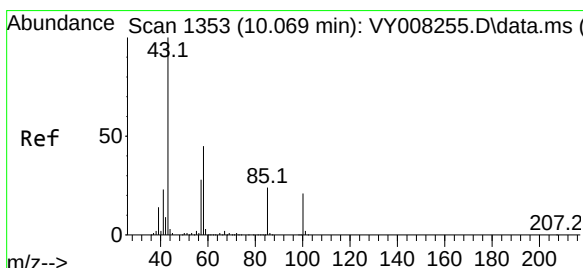
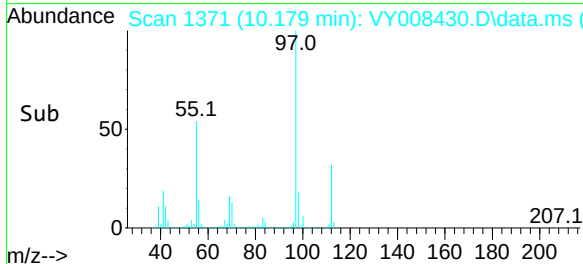
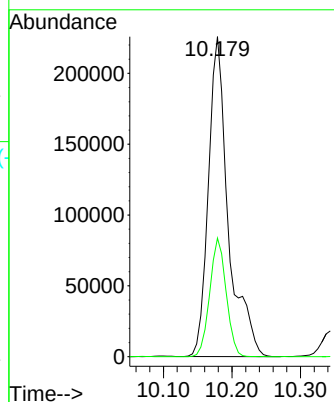
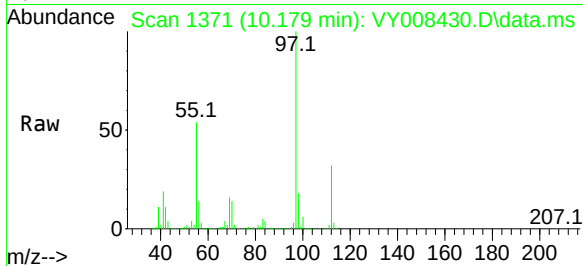




#50  
Toluene-d8  
Concen: 107.037 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

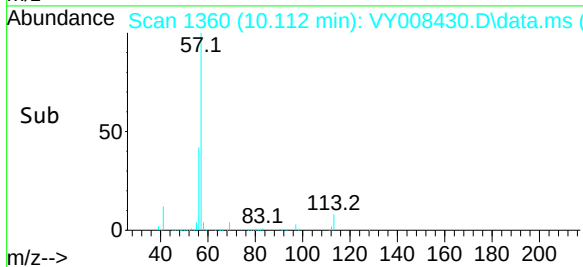
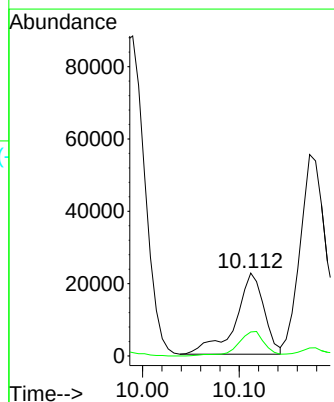
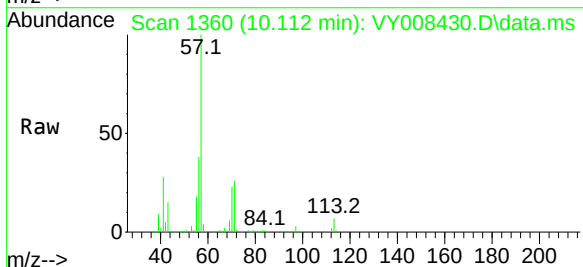
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

Tgt Ion: 98 Resp: 456370  
Ion Ratio Lower Upper  
98 100  
100 30.5 50.2 75.2#

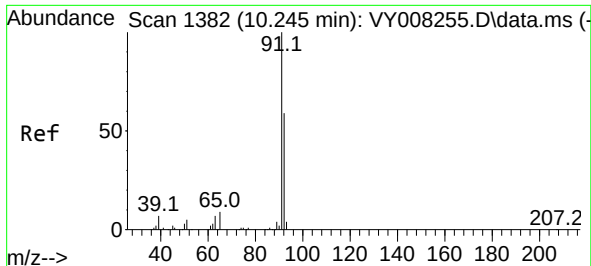


#51  
4-Methyl-2-Pentanone  
Concen: 46.869 ug/l  
RT: 10.112 min Scan# 1360  
Delta R.T. 0.043 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 43 Resp: 46082  
Ion Ratio Lower Upper  
43 100  
58 28.4 28.1 42.1



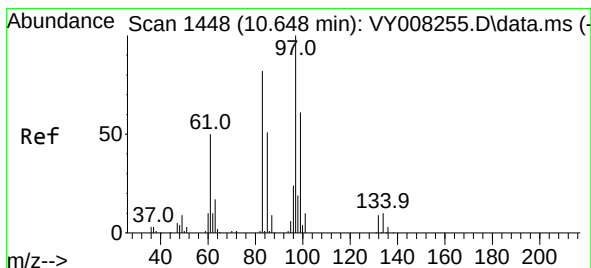
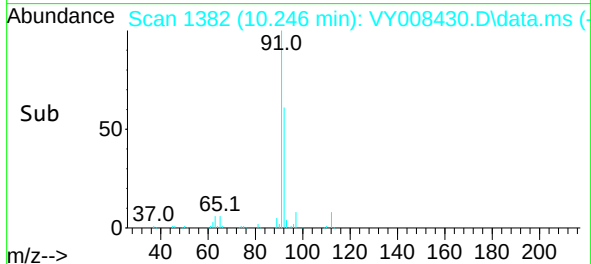
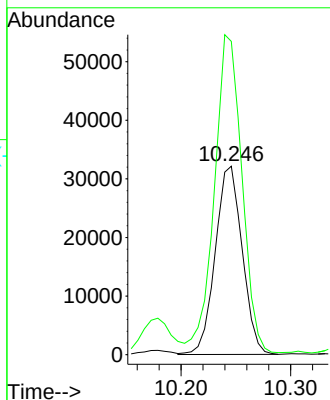
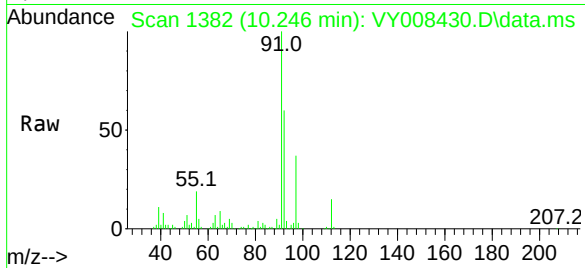




#52  
Toluene  
Concen: 14.045 ug/l  
RT: 10.246 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

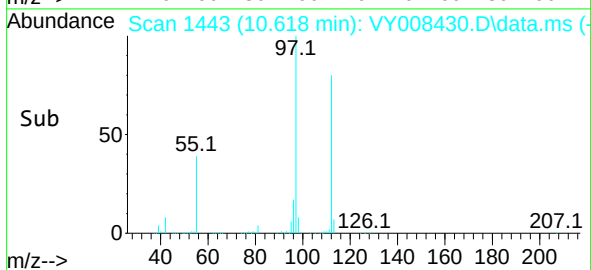
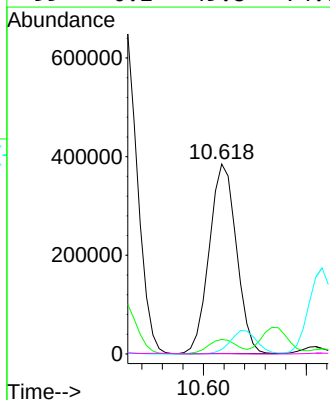
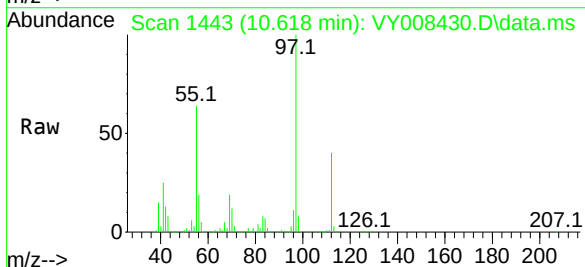
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

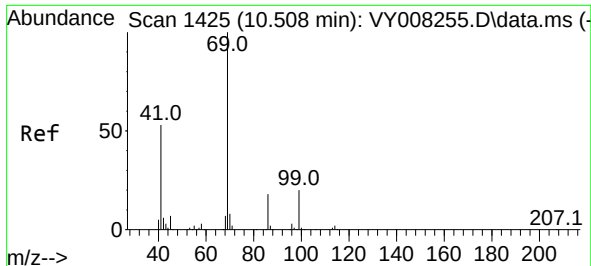
Tgt Ion: 92 Resp: 54828  
Ion Ratio Lower Upper  
92 100  
91 172.1 142.6 213.8



#55  
1,1,2-Trichloroethane  
Concen: 515.585 ug/l  
RT: 10.618 min Scan# 1443  
Delta R.T. -0.030 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 97 Resp: 704574  
Ion Ratio Lower Upper  
97 100  
83 7.6 69.8 104.8#  
85 2.4 44.3 66.5#  
99 0.2 49.8 74.6#

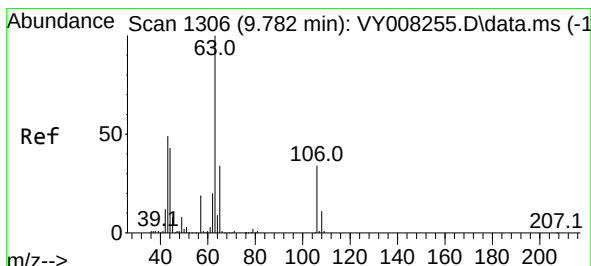
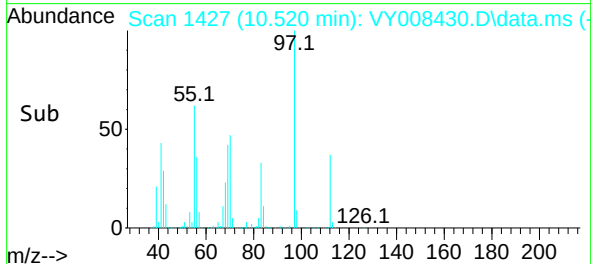
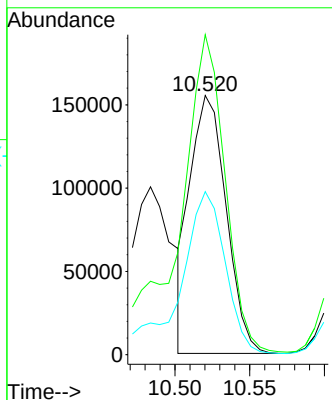
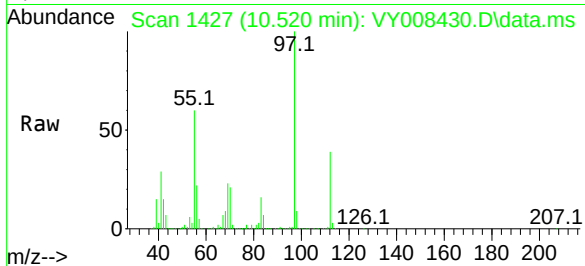




#56  
Ethyl methacrylate  
Concen: 155.279 ug/l  
RT: 10.520 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

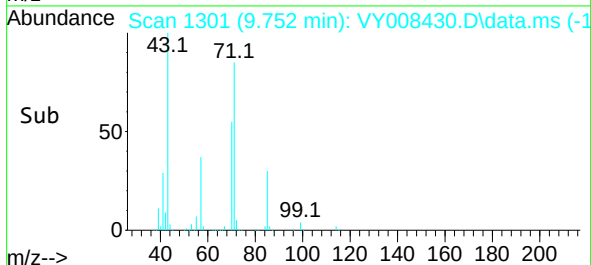
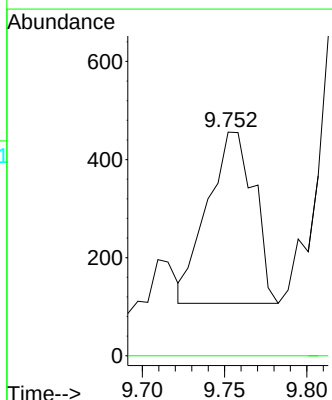
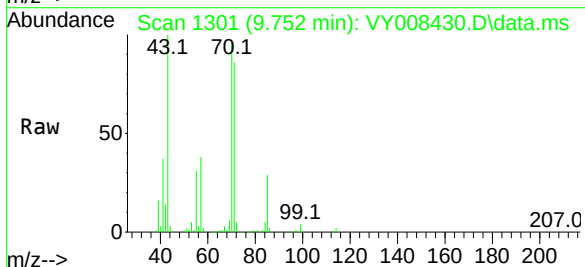
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

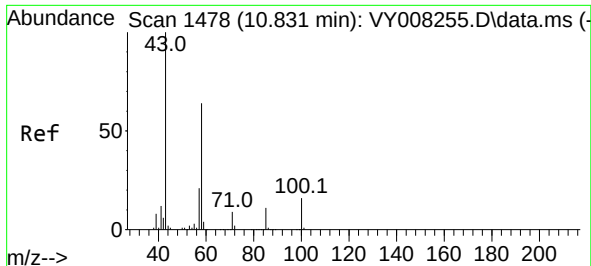
Tgt Ion: 69 Resp: 260160  
Ion Ratio Lower Upper  
69 100  
41 162.9 63.4 95.0#  
39 82.0 35.8 53.8#



#58  
2-Chloroethyl Vinyl ether  
Concen: 1.041 ug/l  
RT: 9.752 min Scan# 1301  
Delta R.T. -0.030 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 63 Resp: 687  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.5 32.3#

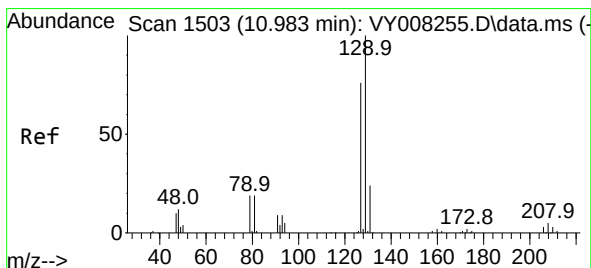
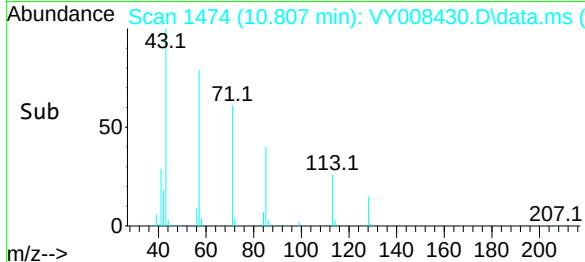
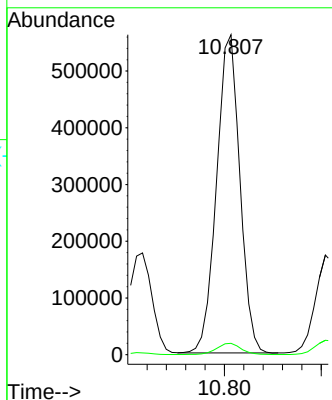
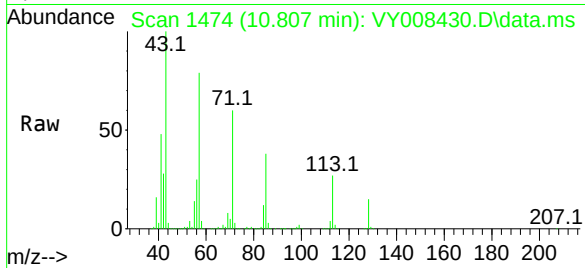




#59  
2-Hexanone  
Concen: 1382.876 ug/l  
RT: 10.807 min Scan# 1478  
Delta R.T. -0.024 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

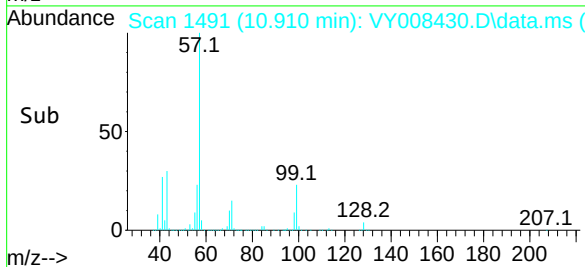
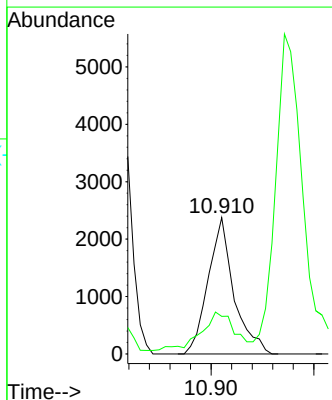
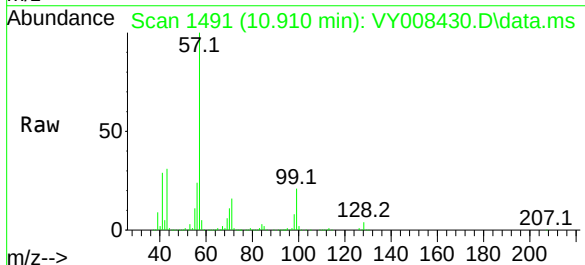
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

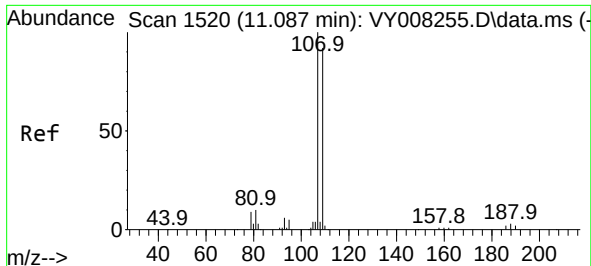
Tgt Ion: 43 Resp: 935567  
Ion Ratio Lower Upper  
43 100  
58 3.7 24.4 73.4#



#60  
Dibromochloromethane  
Concen: 2.585 ug/l  
RT: 10.910 min Scan# 1491  
Delta R.T. -0.073 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 129 Resp: 4127  
Ion Ratio Lower Upper  
129 100  
127 37.5 38.7 116.1#

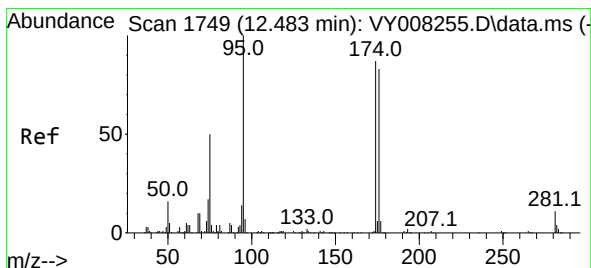
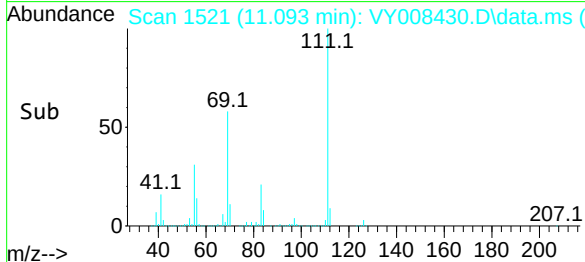
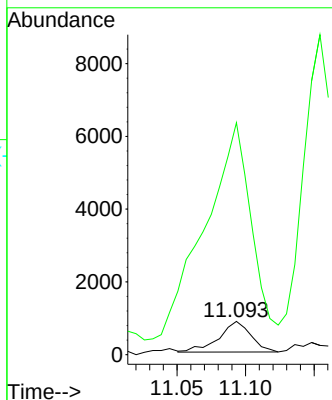
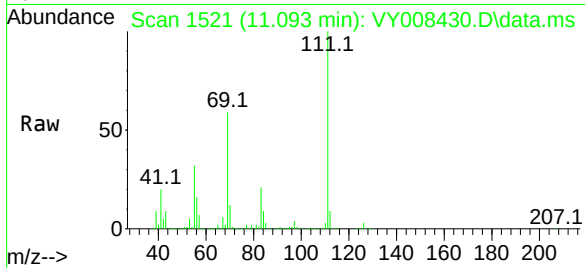




#61  
1,2-Dibromoethane  
Concen: 1.025 ug/l  
RT: 11.093 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

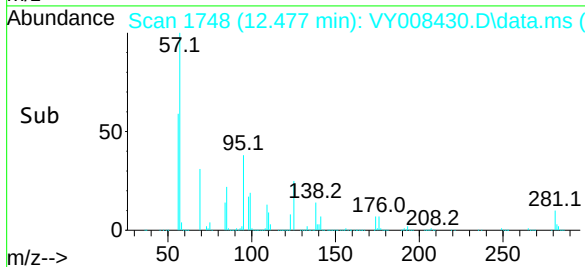
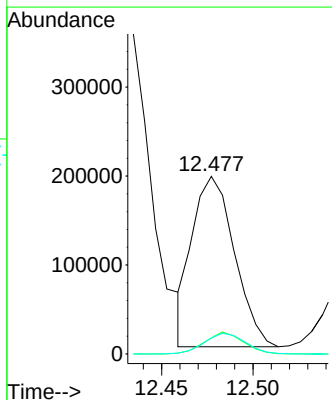
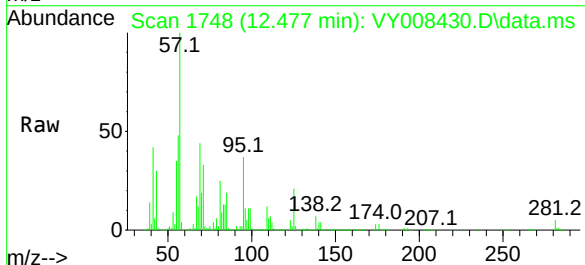
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

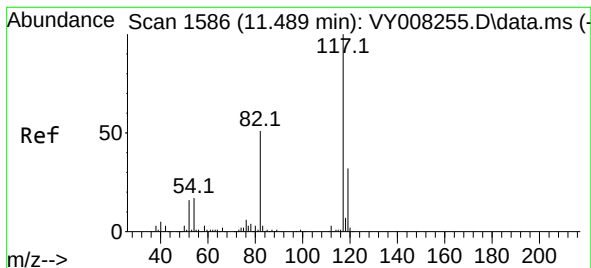
Tgt Ion:107 Resp: 1370  
Ion Ratio Lower Upper  
107 100  
109 1041.5 75.4 113.2#



#62  
4-Bromofluorobenzene  
Concen: 191.513 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 95 Resp: 307123  
Ion Ratio Lower Upper  
95 100  
174 11.8 0.0 177.0  
176 11.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.001 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

WC-15-1-5

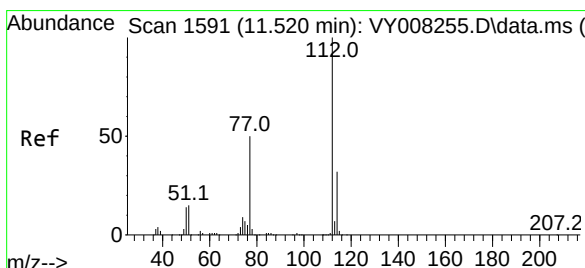
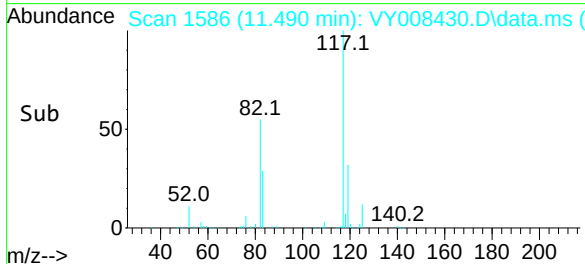
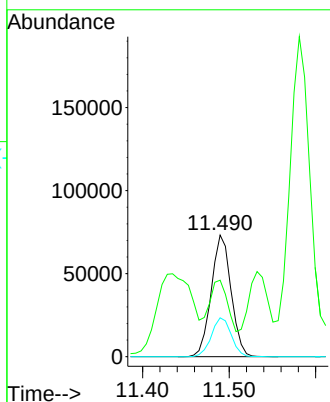
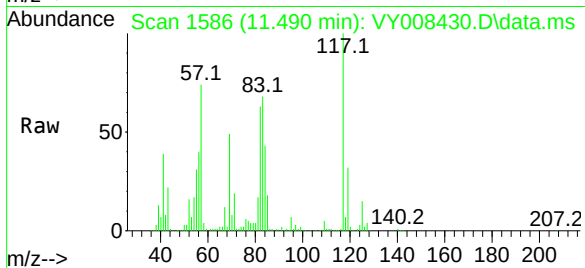
Tgt Ion:117 Resp: 116458

Ion Ratio Lower Upper

117 100

82 33.3 43.0 64.4#

119 32.0 25.4 38.0



#65

Chlorobenzene

Concen: 17.010 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY008430.D

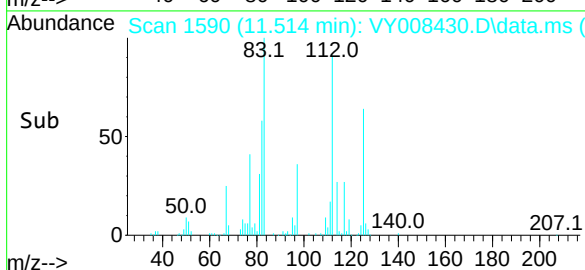
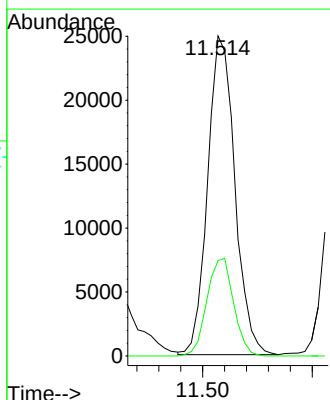
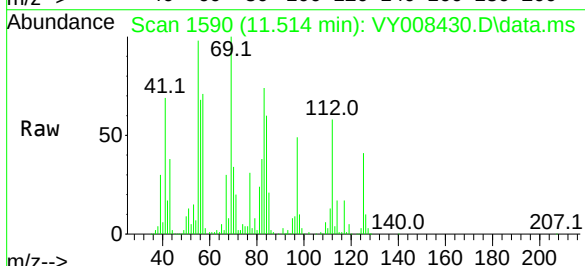
Acq: 20 Apr 2022 19:49

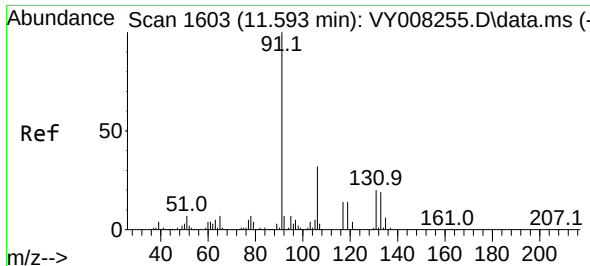
Tgt Ion:112 Resp: 42960

Ion Ratio Lower Upper

112 100

114 29.9 25.8 38.6

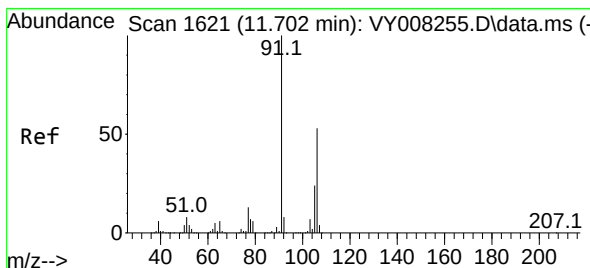
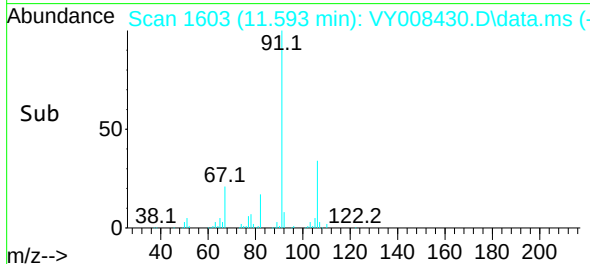
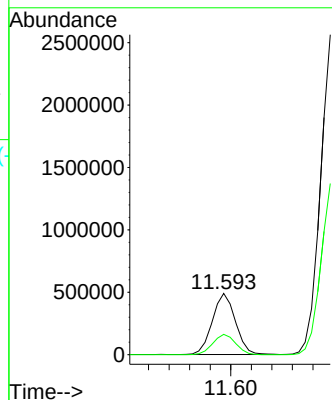
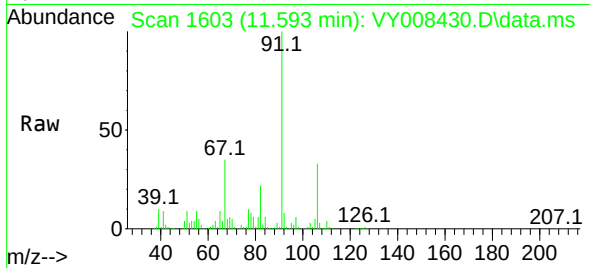




#67  
Ethyl Benzene  
Concen: 176.935 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

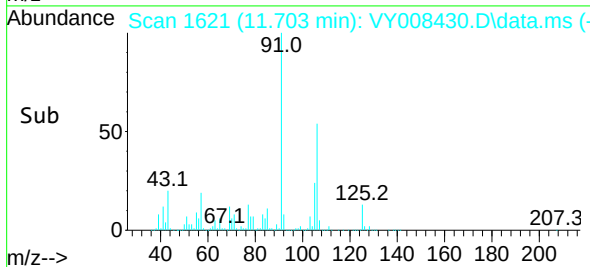
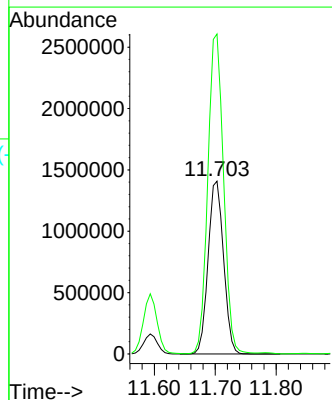
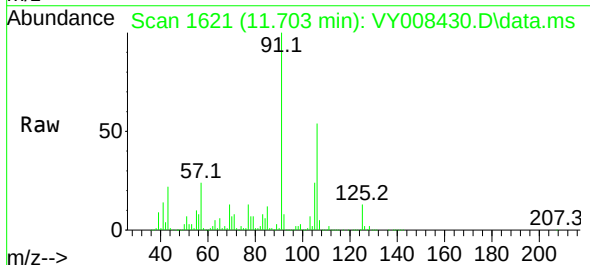
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

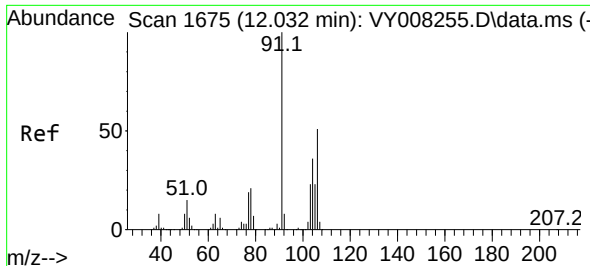
Tgt Ion: 91 Resp: 759919  
Ion Ratio Lower Upper  
91 100  
106 33.2 24.5 36.7



#68  
m/p-Xylenes  
Concen: 1448.517 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.001 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 106 Resp: 2474218  
Ion Ratio Lower Upper  
106 100  
91 188.6 166.6 249.8

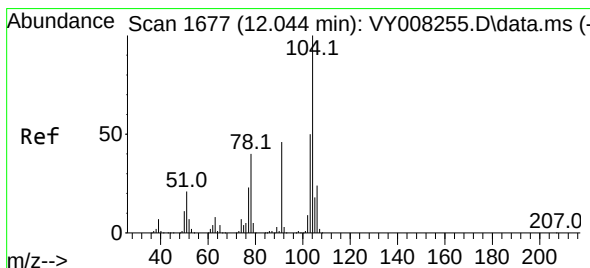
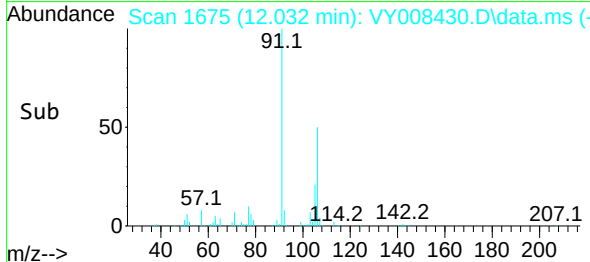
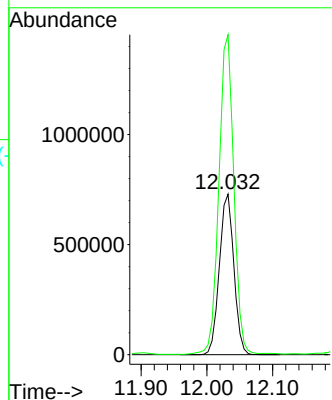
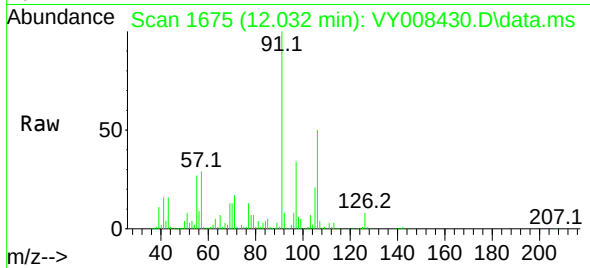




#69  
o-Xylene  
Concen: 673.752 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

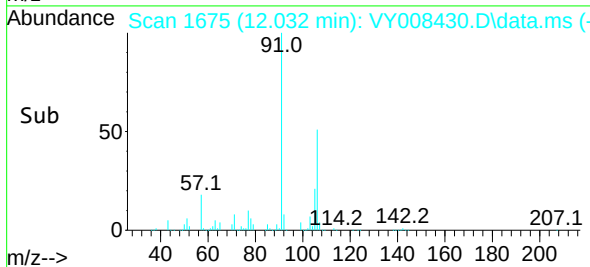
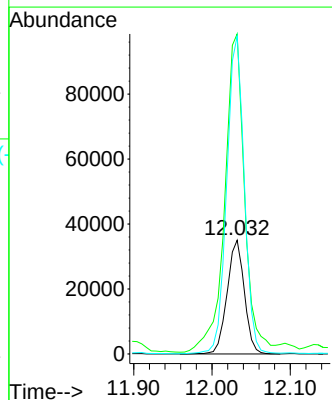
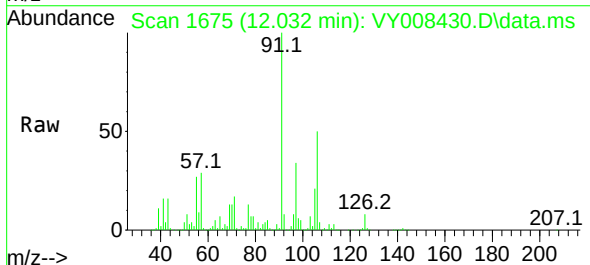
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

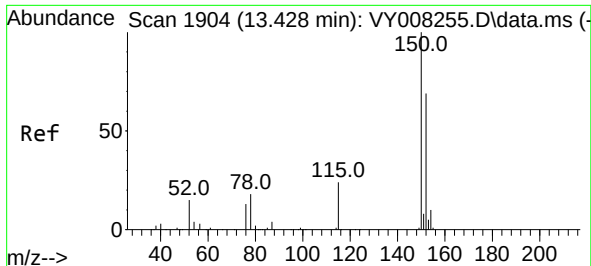
Tgt Ion:106 Resp: 1116801  
Ion Ratio Lower Upper  
106 100  
91 204.6 110.3 331.0



#70  
Styrene  
Concen: 19.618 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.012 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion:104 Resp: 53631  
Ion Ratio Lower Upper  
104 100  
78 321.9 42.4 63.6#  
103 282.7 44.4 66.6#

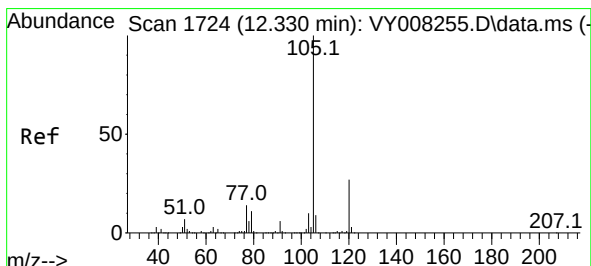
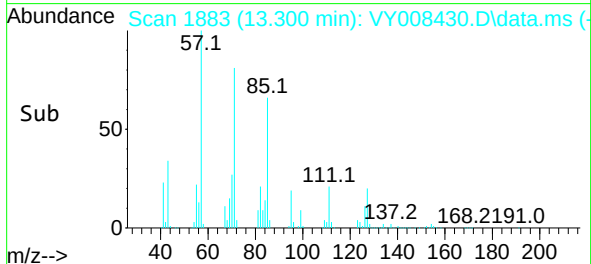
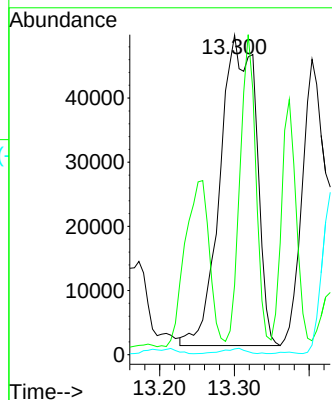
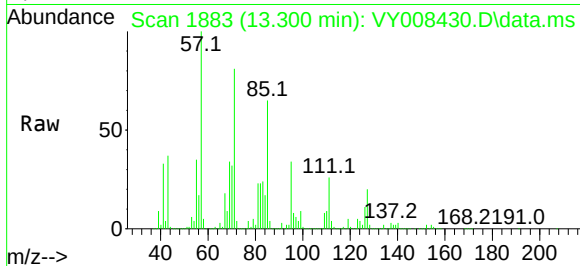




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.300 min Scan# 11  
Delta R.T. -0.128 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

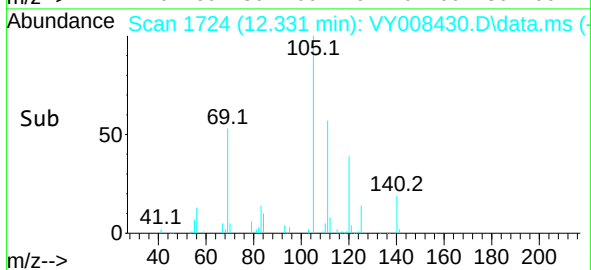
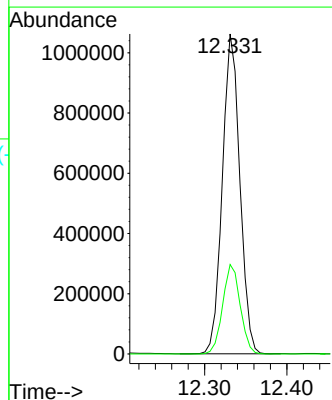
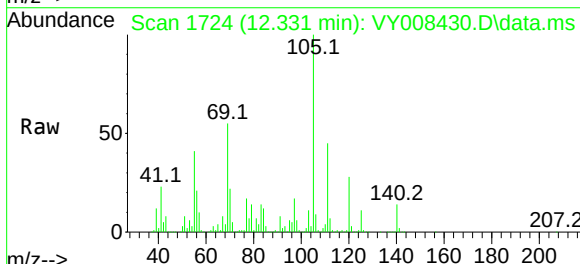
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

Tgt Ion:152 Resp: 161569  
Ion Ratio Lower Upper  
152 100  
115 42.5 28.2 84.7  
150 1.1 0.0 347.6

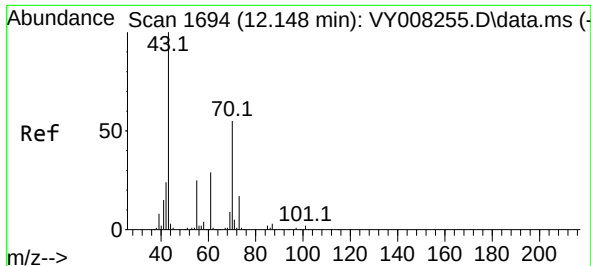


#73  
Isopropylbenzene  
Concen: 130.594 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.001 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion:105 Resp: 1568740  
Ion Ratio Lower Upper  
105 100  
120 28.0 13.4 40.2



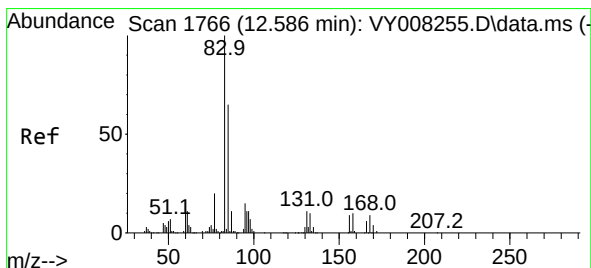
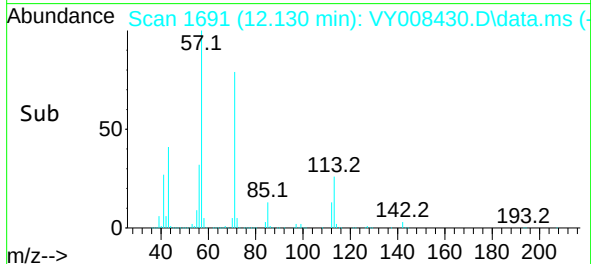
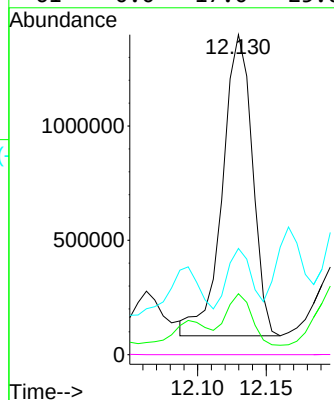
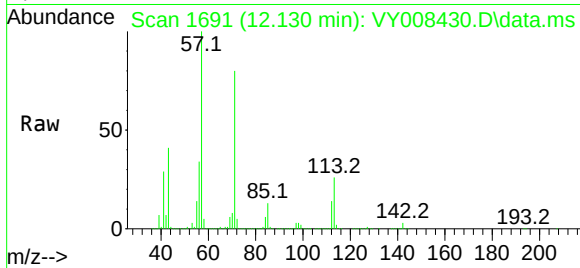




#74  
N-amy1 acetate  
Concen: 768.819 ug/l  
RT: 12.130 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

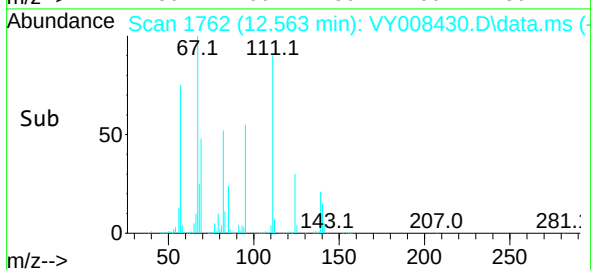
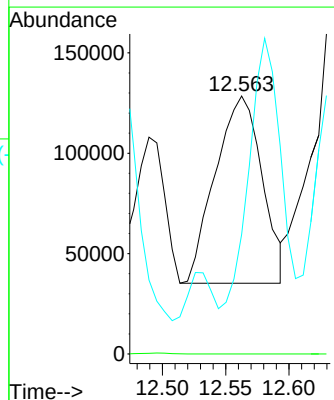
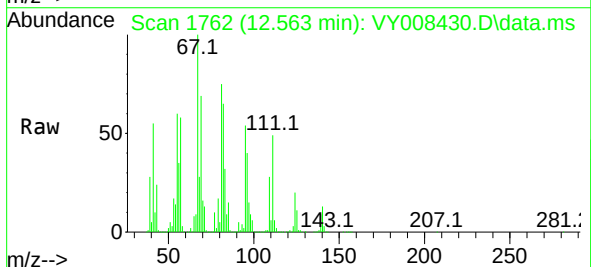
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

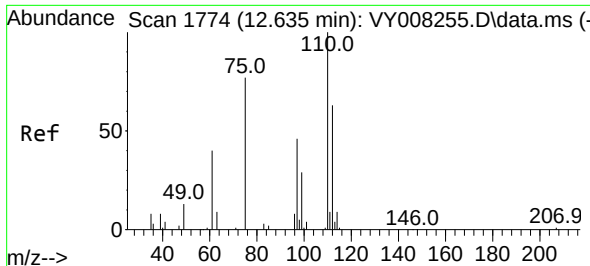
Tgt Ion: 43 Resp: 2005050  
Ion Ratio Lower Upper  
43 100  
70 14.6 28.7 43.1#  
55 23.5 17.3 25.9  
61 0.0 17.0 25.6#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 94.614 ug/l  
RT: 12.563 min Scan# 1762  
Delta R.T. -0.023 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 83 Resp: 240489  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.6 16.8#  
85 94.8 32.3 96.8

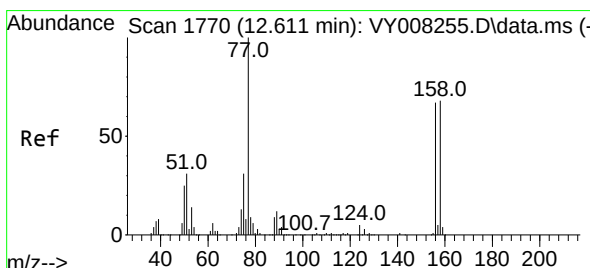
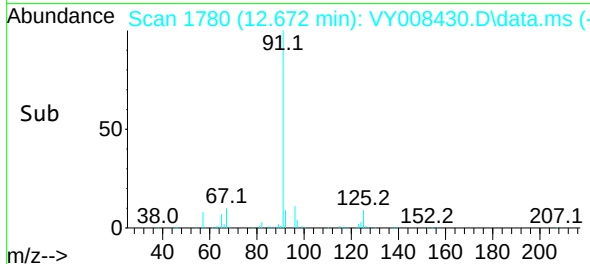
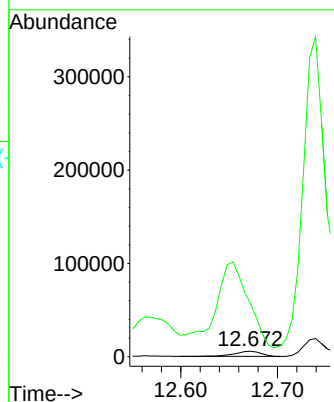
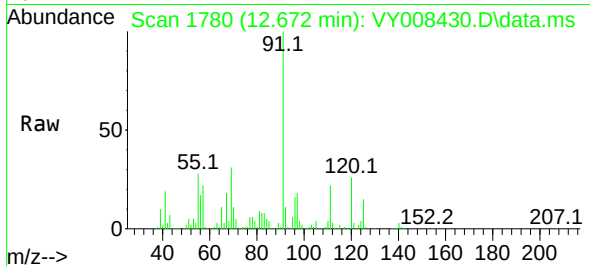




#76  
1,2,3-Trichloropropane  
Concen: 5.999 ug/l  
RT: 12.672 min Scan# 1767  
Delta R.T. 0.037 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

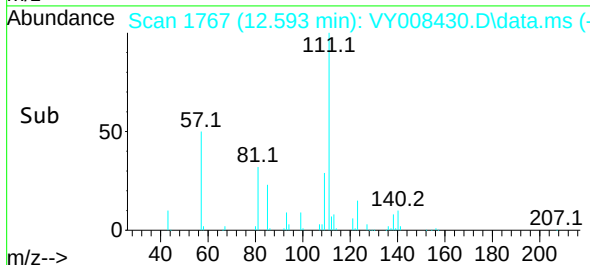
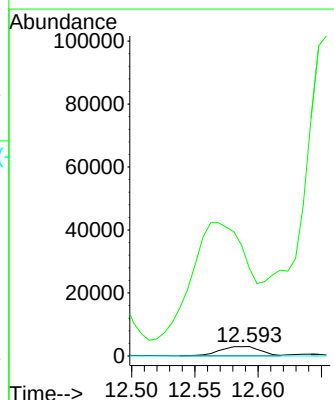
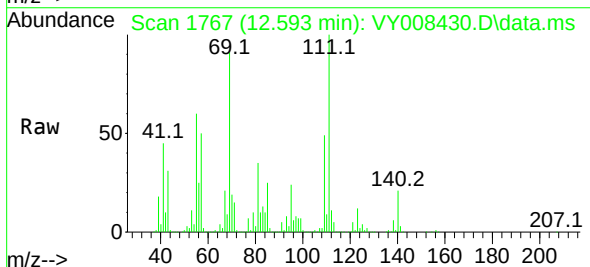
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

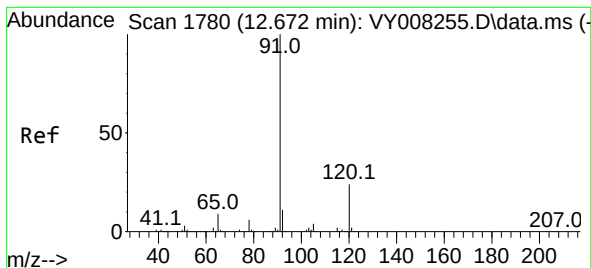
Tgt Ion: 75 Resp: 10720  
Ion Ratio Lower Upper  
75 100  
77 1849.5 0.0 0.0#



#77  
Bromobenzene  
Concen: 2.185 ug/l  
RT: 12.593 min Scan# 1767  
Delta R.T. -0.018 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion:156 Resp: 6432  
Ion Ratio Lower Upper  
156 100  
77 0.0 95.5 286.4#  
158 0.0 48.0 144.0#





#78

n-propylbenzene

Concen: 110.284 ug/l

RT: 12.672 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

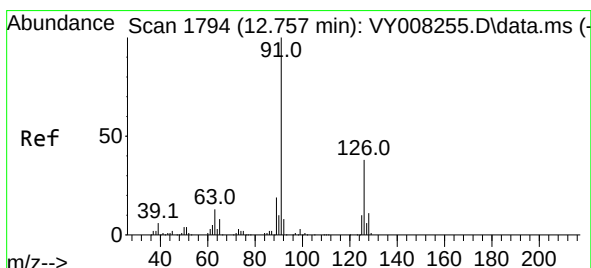
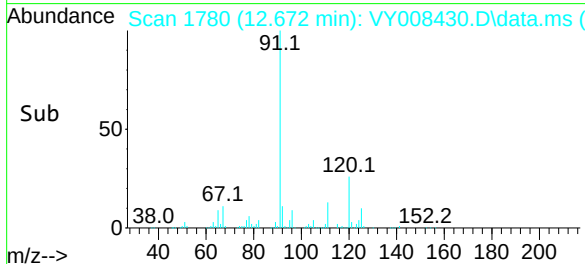
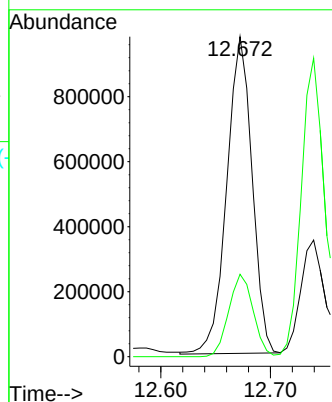
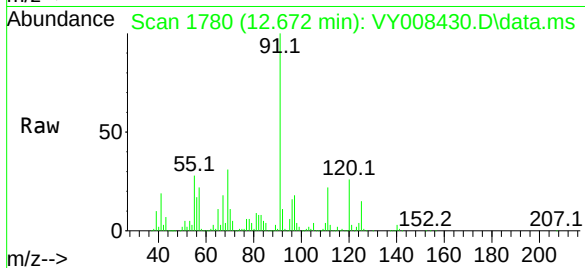
WC-15-1-5

Tgt Ion: 91 Resp: 1563242

Ion Ratio Lower Upper

91 100

120 25.0 11.3 33.9



#79

2-Chlorotoluene

Concen: 26.791 ug/l

RT: 12.977 min Scan# 1830

Delta R.T. 0.220 min

Lab File: VY008430.D

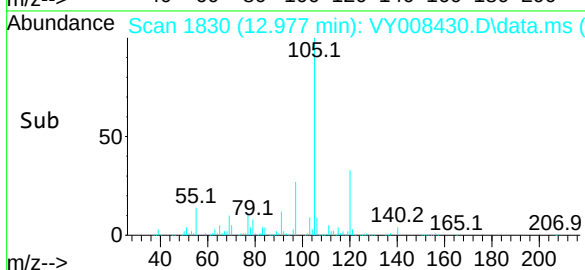
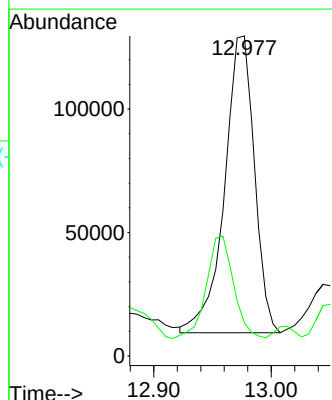
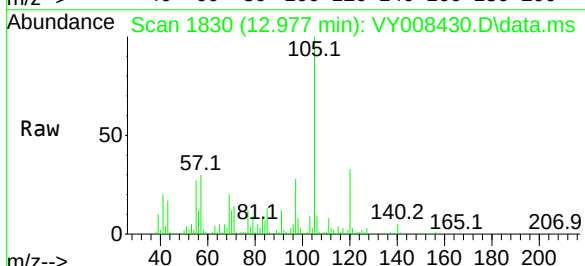
Acq: 20 Apr 2022 19:49

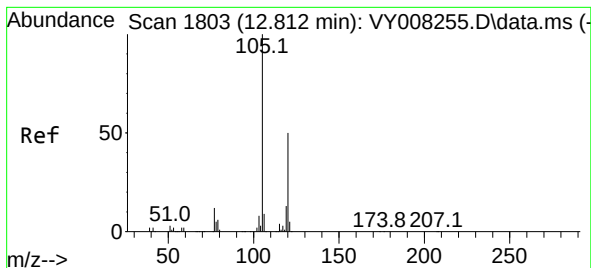
Tgt Ion: 91 Resp: 213118

Ion Ratio Lower Upper

91 100

126 31.5 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 414.904 ug/l

RT: 12.819 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

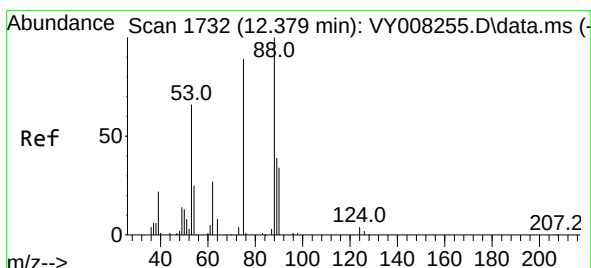
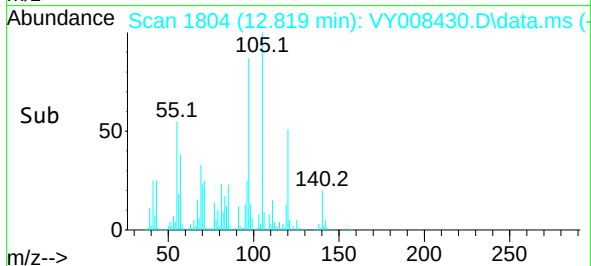
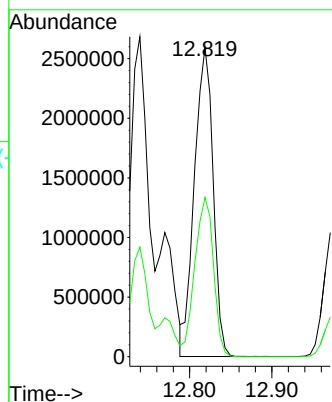
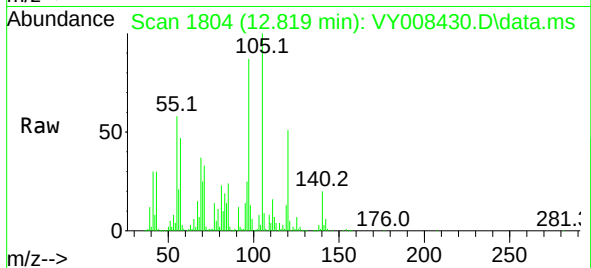
WC-15-1-5

Tgt Ion:105 Resp: 4086815

Ion Ratio Lower Upper

105 100

120 51.5 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 19.670 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.048 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

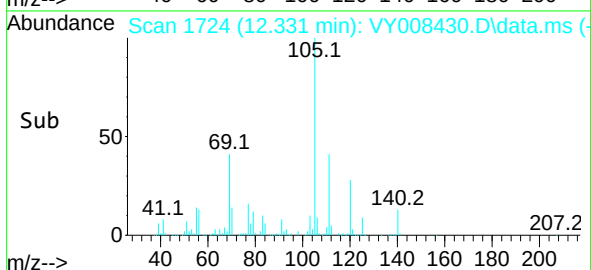
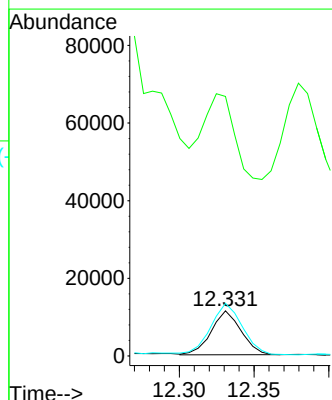
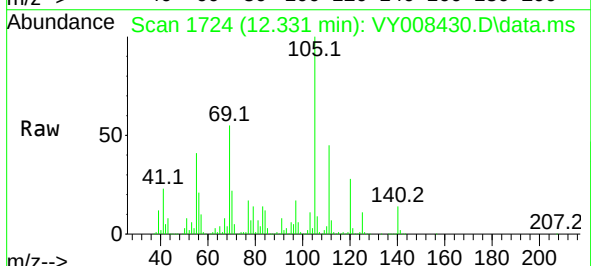
Tgt Ion: 75 Resp: 15709

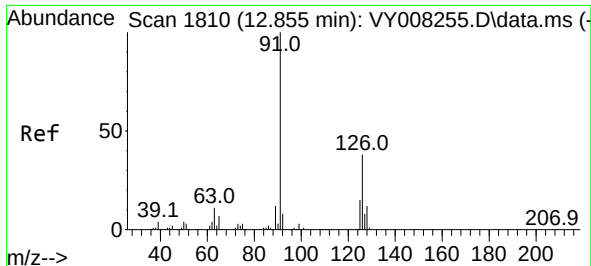
Ion Ratio Lower Upper

75 100

53 174.7 85.3 127.9#

89 125.3 37.0 55.4#

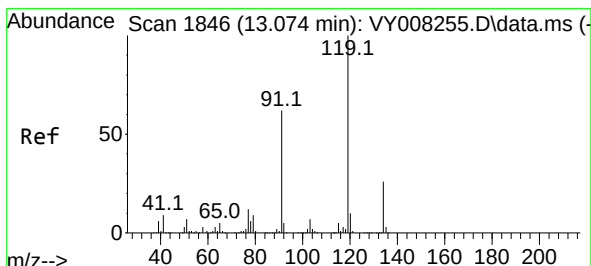
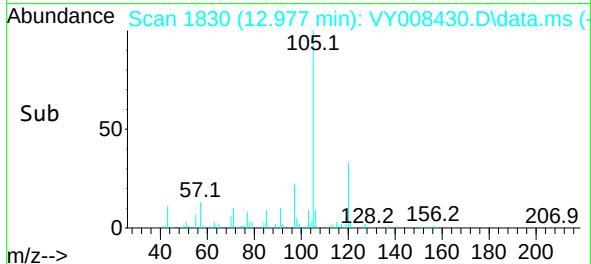
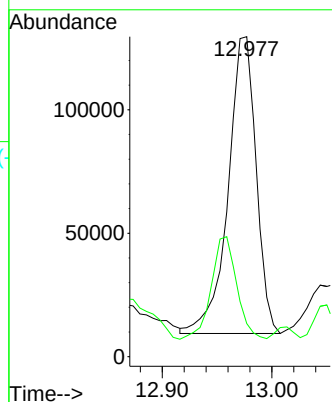
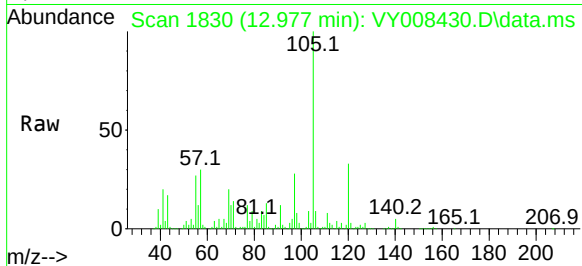




#82  
4-Chlorotoluene  
Concen: 26.174 ug/l  
RT: 12.977 min Scan# 1830  
Delta R.T. 0.122 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

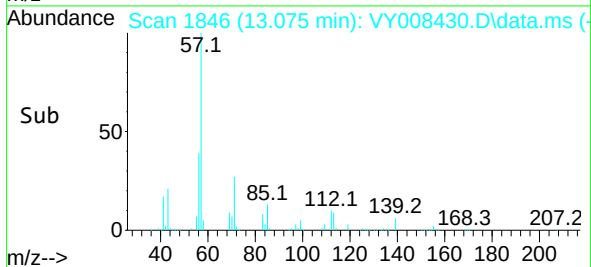
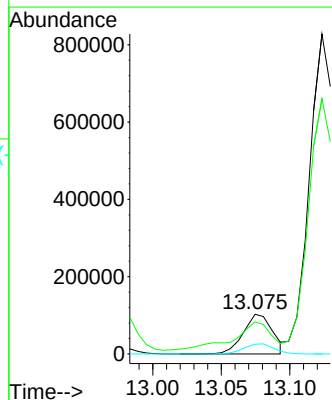
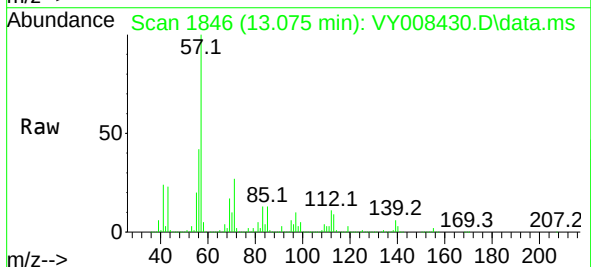
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

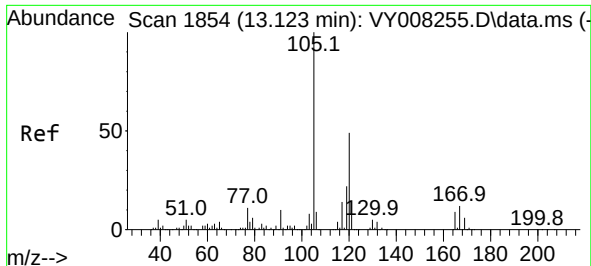
Tgt Ion: 91 Resp: 213970  
Ion Ratio Lower Upper  
91 100  
126 31.4 17.0 51.0



#83  
tert-Butylbenzene  
Concen: 17.088 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.001 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 119 Resp: 151002  
Ion Ratio Lower Upper  
119 100  
91 92.1 34.8 104.4  
134 26.7 13.3 39.9

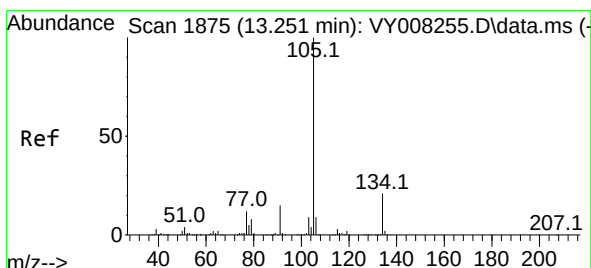
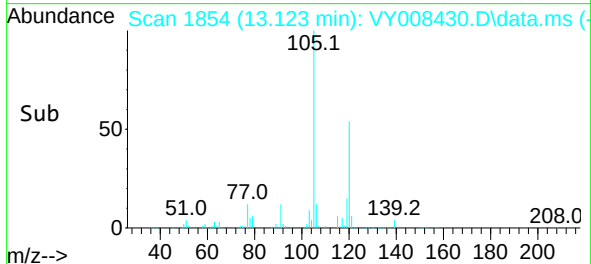
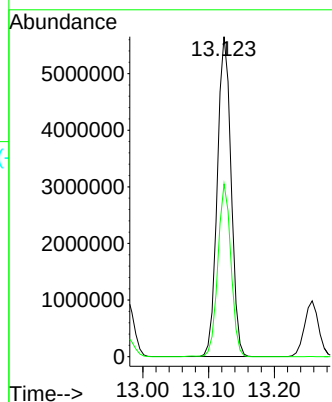
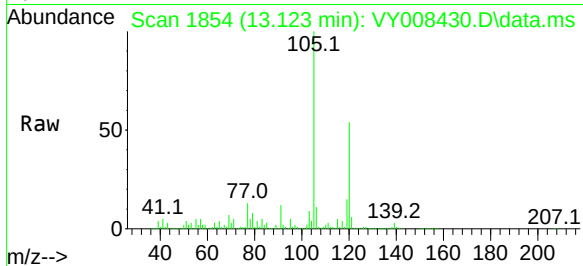




#84  
1,2,4-Trimethylbenzene  
Concen: 843.607 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

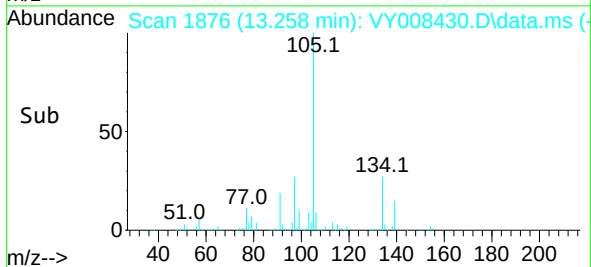
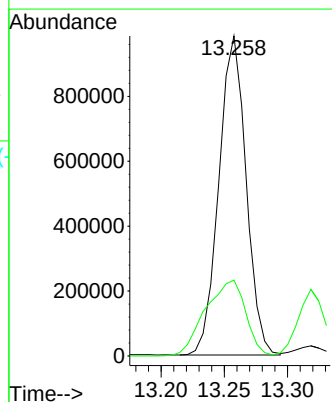
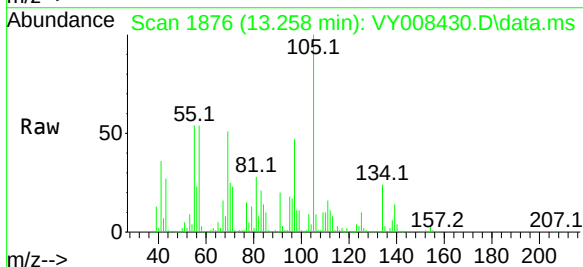
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

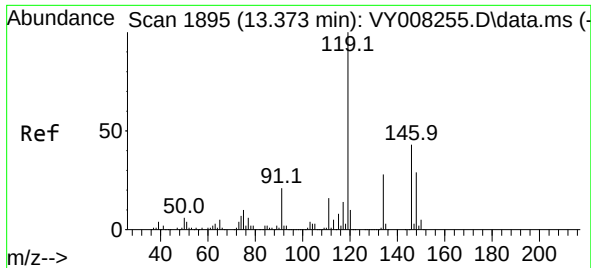
Tgt Ion:105 Resp: 8223410  
Ion Ratio Lower Upper  
105 100  
120 51.6 22.3 66.9



#85  
sec-Butylbenzene  
Concen: 112.390 ug/l  
RT: 13.258 min Scan# 1876  
Delta R.T. 0.007 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion:105 Resp: 1472373  
Ion Ratio Lower Upper  
105 100  
134 35.1 10.2 30.4#

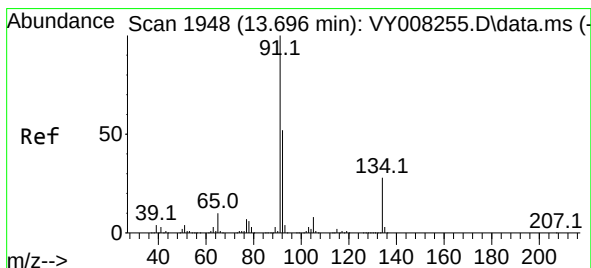
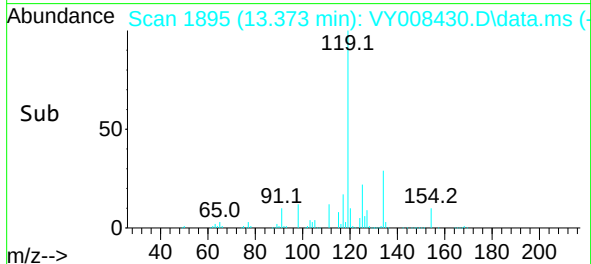
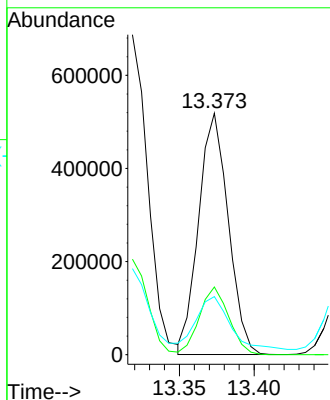
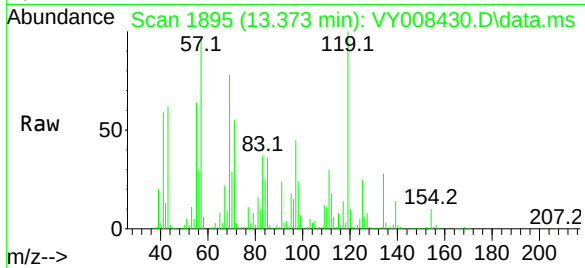




#86  
p-Isopropyltoluene  
Concen: 65.482 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

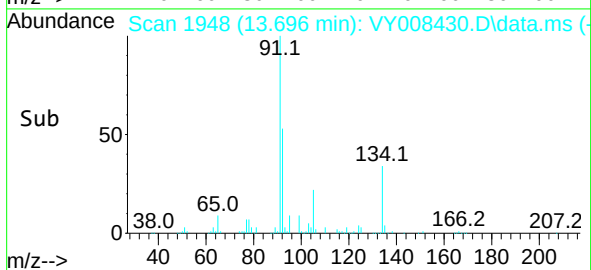
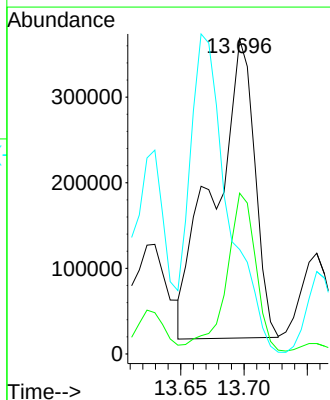
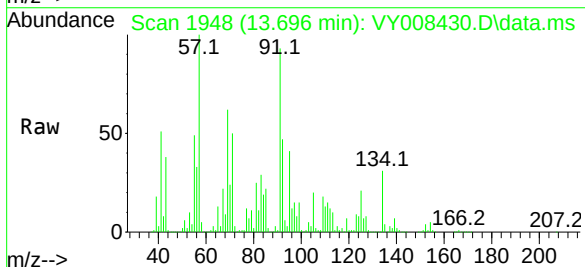
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

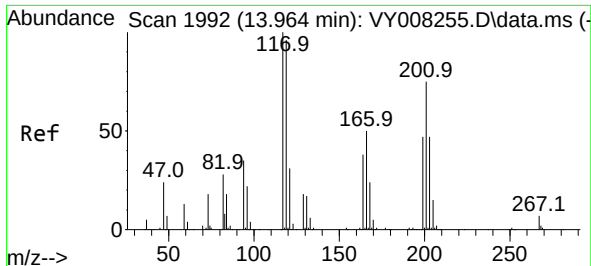
Tgt Ion:119 Resp: 715858  
Ion Ratio Lower Upper  
119 100  
134 27.8 13.2 39.5  
91 24.9 12.4 37.2



#89  
n-Butylbenzene  
Concen: 78.938 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion: 91 Resp: 779684  
Ion Ratio Lower Upper  
91 100  
92 38.7 26.3 78.9  
134 0.0 13.0 38.9#

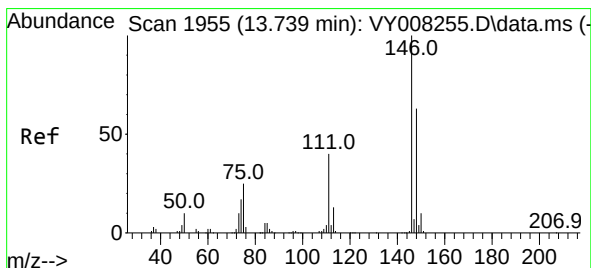
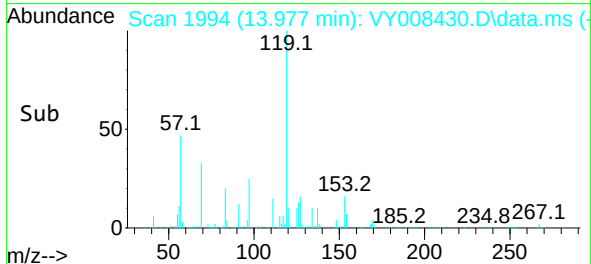
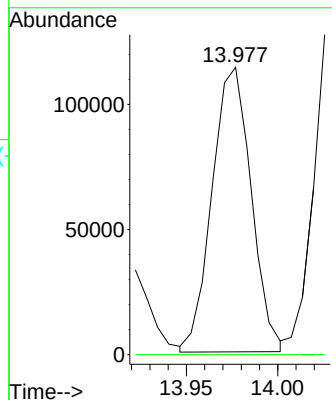
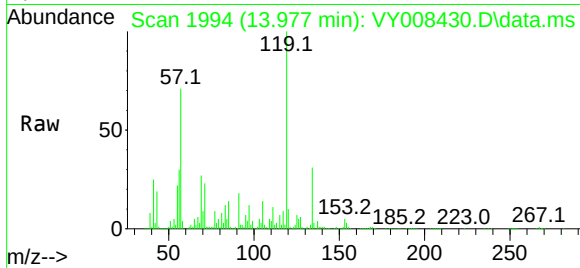




#90  
Hexachloroethane  
Concen: 83.028 ug/l  
RT: 13.977 min Scan# 1994  
Delta R.T. 0.013 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

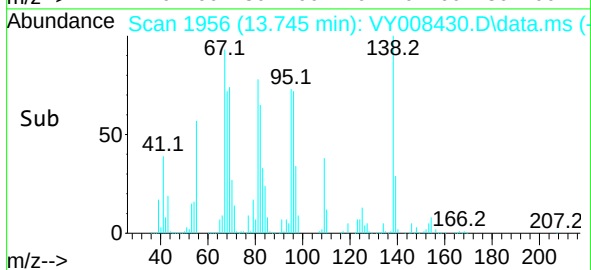
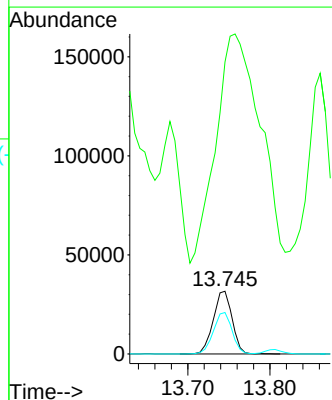
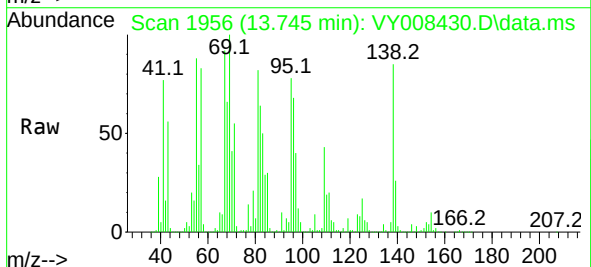
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-15-1-5

Tgt Ion:117 Resp: 169649  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.0 128.8#

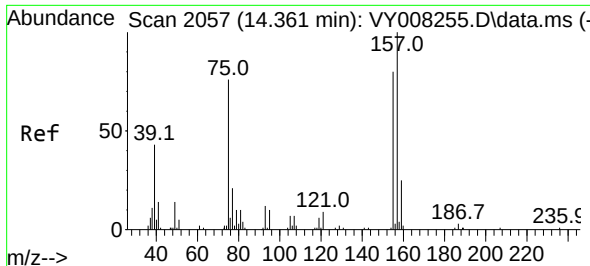


#91  
1,2-Dichlorobenzene  
Concen: 9.728 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.006 min  
Lab File: VY008430.D  
Acq: 20 Apr 2022 19:49

Tgt Ion:146 Resp: 50457  
Ion Ratio Lower Upper  
146 100  
111 922.8 20.3 60.9#  
148 65.8 32.3 96.9







#92

1,2-Dibromo-3-Chloropropane

Concen: 7.218 ug/l

RT: 14.379 min Scan# 2057

Delta R.T. 0.018 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA\_Y

ClientSampleId :

WC-15-1-5

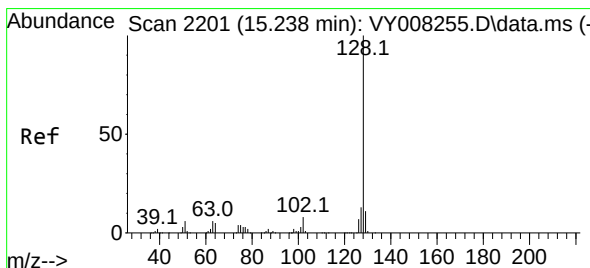
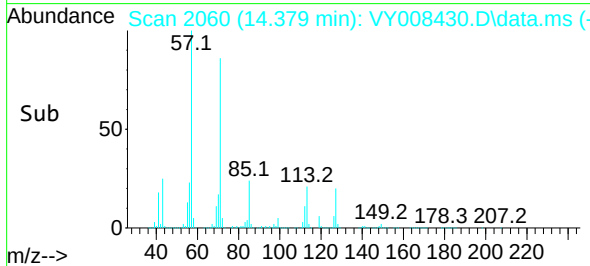
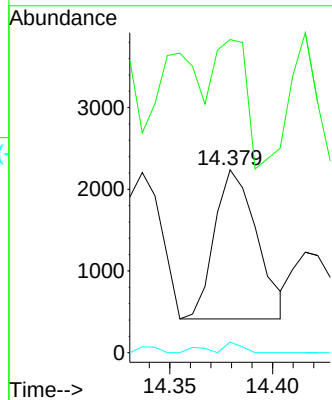
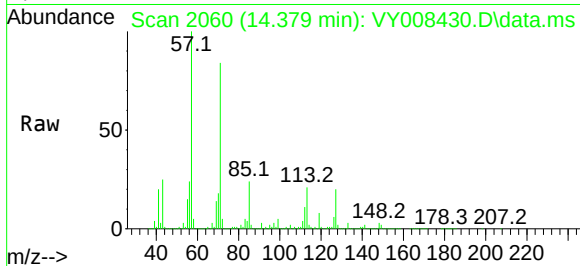
Tgt Ion: 75 Resp: 2625

Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 4.4 47.8 143.3#



#95

Naphthalene

Concen: 25.538 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.005 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

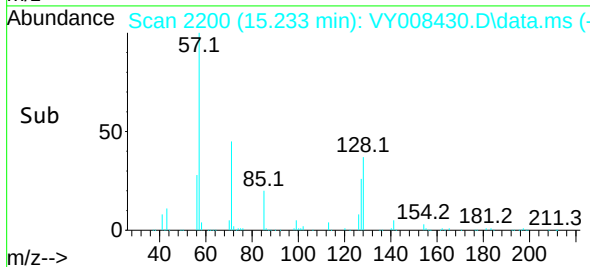
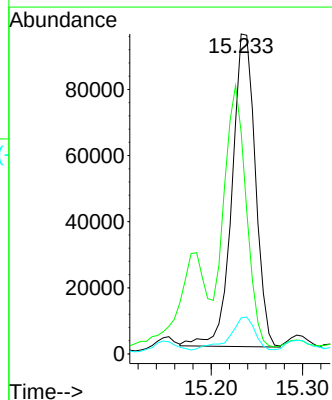
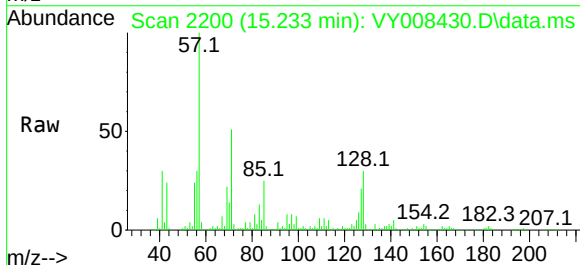
Tgt Ion:128 Resp: 167818

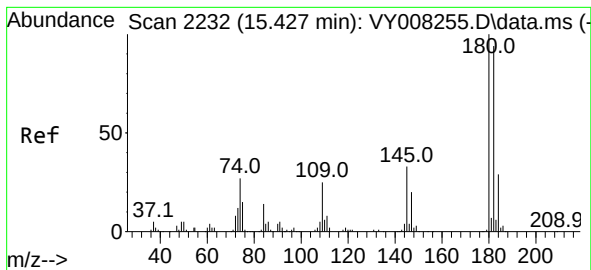
Ion Ratio Lower Upper

128 100

127 77.8 11.0 16.4#

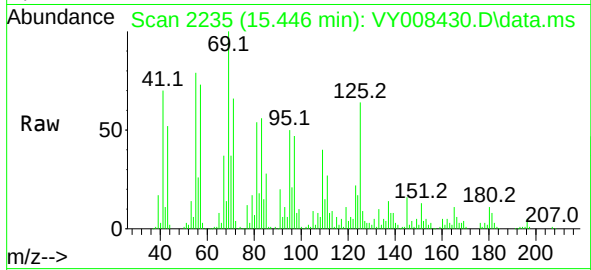
129 11.3 8.4 12.6





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.669 ug/l  
 RT: 15.446 min Scan# 21  
 Delta R.T. 0.019 min  
 Lab File: VY008430.D  
 Acq: 20 Apr 2022 19:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-15-1-5



Tgt Ion:180 Resp: 4481  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 47.3 141.9#  
 145 0.0 15.3 45.9#

