

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091622\  
 Data File : VY010539.D  
 Acq On : 16 Sep 2022 16:50  
 Operator : KP/MD  
 Sample : N4630-06  
 Misc : 4.68g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-17-4-2

Quant Time: Sep 17 00:29:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 09 17:08:30 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 193598   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 318715   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 229162   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 66694    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 104063   | 53.370   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 106.740% |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 90620    | 40.035   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 80.060%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 366509   | 49.961   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 99.920%  |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 112567   | 37.127   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 74.260%  |      |

|                               |        |     |        |           |        |     |
|-------------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds              |        |     | Qvalue |           |        |     |
| 2) Dichlorodifluoromethane    | 1.900  | 85  | 68     | Below Cal | #      | 43  |
| 11) Tert butyl alcohol        | 4.948  | 59  | 1250   | Below Cal | #      | 77  |
| 16) Acetone                   | 3.942  | 43  | 69346  | 154.973   | ug/l # | 89  |
| 17) Carbon Disulfide          | 4.186  | 76  | 64282  | 12.732    | ug/l   | 100 |
| 20) Methylene Chloride        | 4.710  | 84  | 10545  | Below Cal | #      | 82  |
| 25) 2-Butanone                | 6.984  | 43  | 18627  | 26.194    | ug/l   | 94  |
| 31) Cyclohexane               | 7.771  | 56  | 25051  | 7.605     | ug/l # | 89  |
| 36) 1,1-Dichloropropene       | 7.783  | 75  | 14022  | 4.525     | ug/l # | 52  |
| 37) Ethyl Acetate             | 6.984  | 43  | 18627  | 11.435    | ug/l # | 73  |
| 38) Carbon Tetrachloride      | 7.783  | 117 | 18754  | 5.440     | ug/l # | 15  |
| 39) Methylcyclohexane         | 9.179  | 83  | 86061  | 22.273    | ug/l   | 93  |
| 43) Isopropyl Acetate         | 8.264  | 43  | 4883   | 1.638     | ug/l # | 56  |
| 48) Methyl methacrylate       | 9.240  | 41  | 3541   | 2.645     | ug/l # | 47  |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43  | 2190   | 1.339     | ug/l   | 96  |
| 55) 1,1,2-Trichloroethane     | 10.618 | 97  | 37227  | 19.947    | ug/l # | 20  |
| 56) Ethyl methacrylate        | 10.520 | 69  | 16271  | 6.639     | ug/l # | 29  |
| 58) 2-Chloroethyl Vinyl ether | 9.831  | 63  | 104    | Below Cal | #      | 48  |
| 59) 2-Hexanone                | 10.801 | 43  | 68445  | 61.404    | ug/l # | 36  |
| 67) Ethyl Benzene             | 11.593 | 91  | 27007  | 2.978     | ug/l   | 100 |
| 68) m/p-Xylenes               | 11.697 | 106 | 37803  | 10.616    | ug/l   | 97  |
| 69) o-Xylene                  | 12.026 | 106 | 35452  | 10.427    | ug/l   | 95  |
| 73) Isopropylbenzene          | 12.331 | 105 | 75567  | 14.522    | ug/l   | 97  |
| 74) N-amyl acetate            | 12.123 | 43  | 266986 | 219.896   | ug/l # | 63  |
| 75) 1,1,2,2-Tetrachloroethane | 12.556 | 83  | 32311  | 33.193    | ug/l # | 76  |
| 76) 1,2,3-Trichloropropane    | 12.764 | 75  | 2847   | 3.868     | ug/l # | 100 |
| 78) n-propylbenzene           | 12.672 | 91  | 69616  | 11.298    | ug/l   | 98  |
| 79) 2-Chlorotoluene           | 12.758 | 91  | 55272  | 15.968    | ug/l   | 87  |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105 | 94005  | 21.410    | ug/l   | 100 |
| 81) trans-1,4-Dichloro-2-b... | 12.477 | 75  | 40566  | 122.366   | ug/l # | 23  |
| 82) 4-Chlorotoluene           | 12.812 | 91  | 12469  | 3.463     | ug/l   | 71  |
| 83) tert-Butylbenzene         | 13.075 | 119 | 27359  | 7.129     | ug/l   | 82  |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105 | 279020 | 64.948    | ug/l   | 98  |
| 85) sec-Butylbenzene          | 13.251 | 105 | 97760  | 17.204    | ug/l # | 63  |
| 86) p-Isopropyltoluene        | 13.367 | 119 | 39318  | 8.180     | ug/l   | 97  |
| 89) n-Butylbenzene            | 13.696 | 91  | 58041  | 13.303    | ug/l # | 81  |
| 90) Hexachloroethane          | 13.971 | 117 | 4838   | 5.361     | ug/l # | 6   |

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Operator : KP/MD  
Sample : N4630-06  
Misc : 4.68g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

Quant Time: Sep 17 00:29:25 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 09 17:08:30 2022  
Response via : Initial Calibration

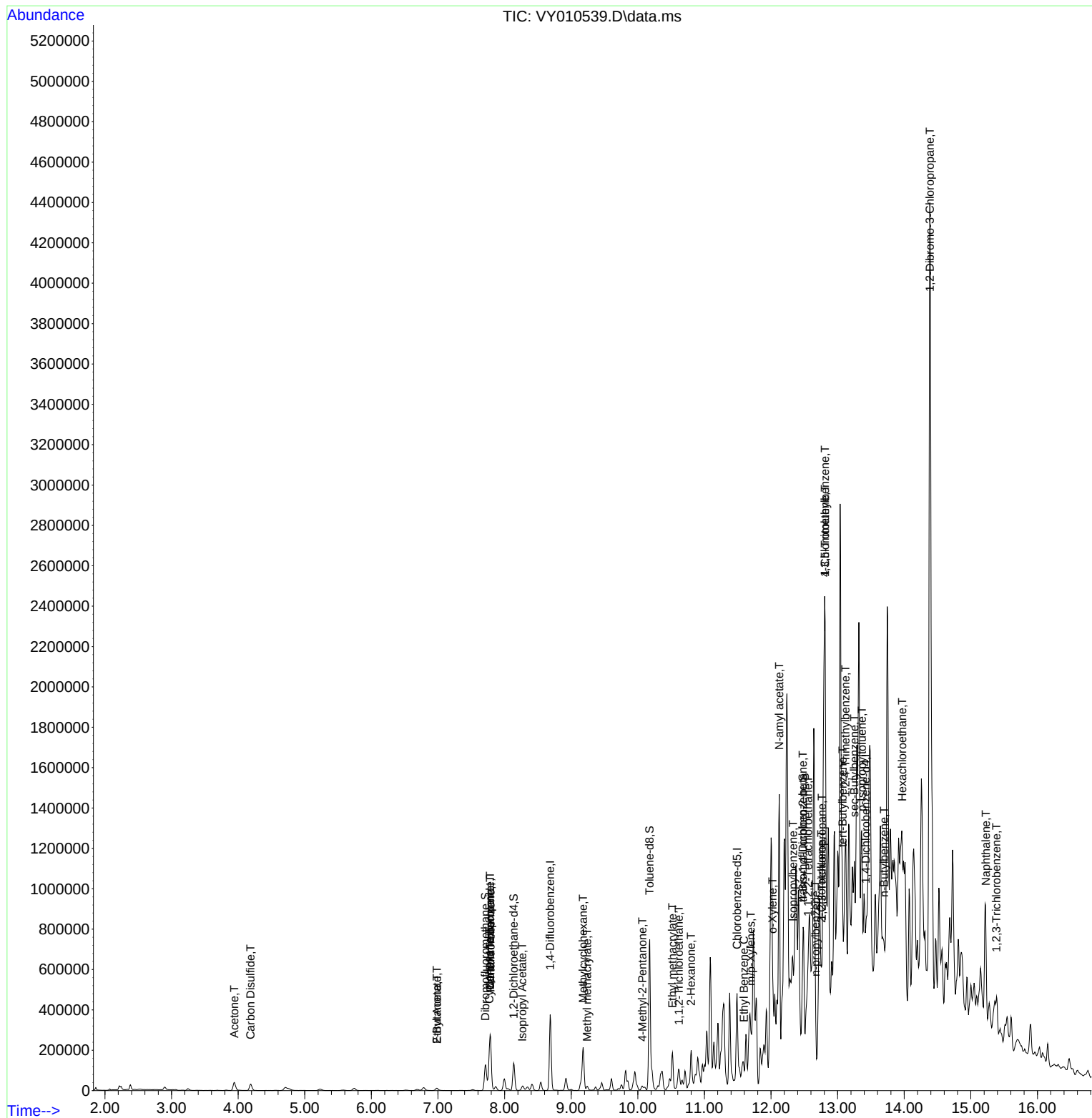
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 92) 1,2-Dibromo-3-Chloropr... | 14.385 | 75   | 540      | 3.287 | ug/l # | 41       |
| 95) Naphthalene               | 15.227 | 128  | 7266     | 2.705 | ug/l # | 1        |
| 96) 1,2,3-Trichlorobenzene    | 15.385 | 180  | 2241     | 1.885 | ug/l # | 1        |

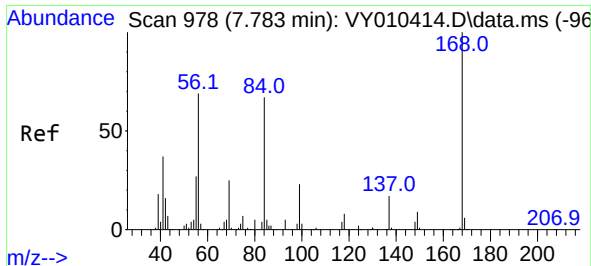
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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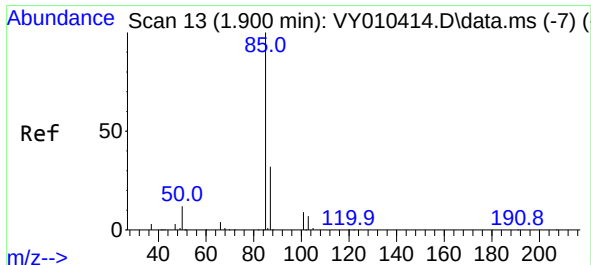
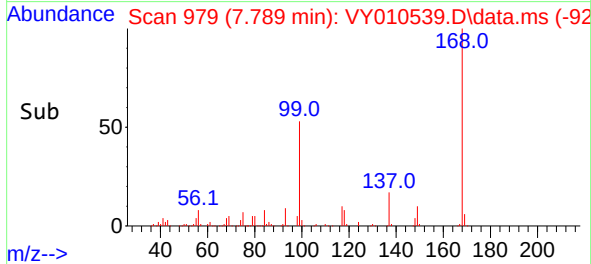
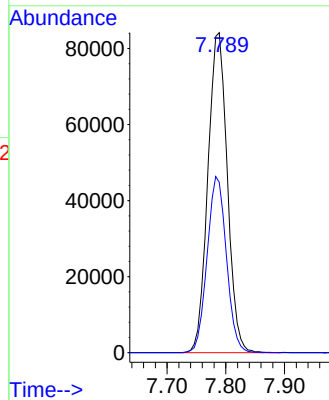
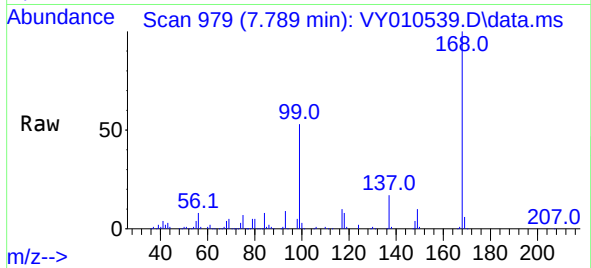




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

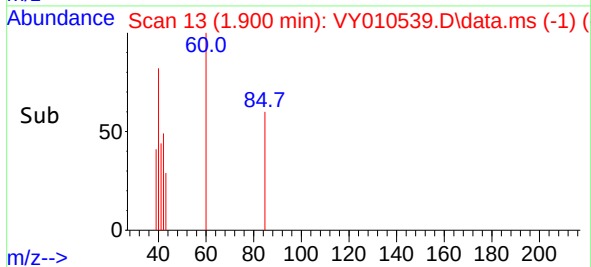
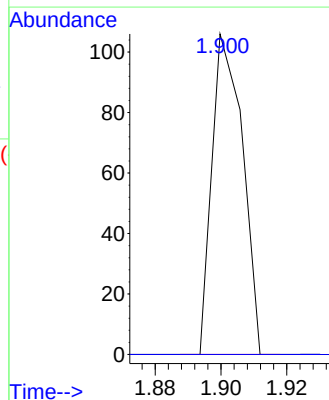
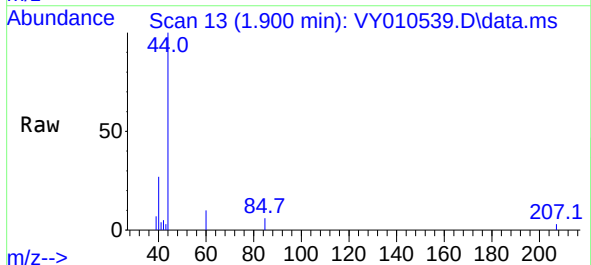
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

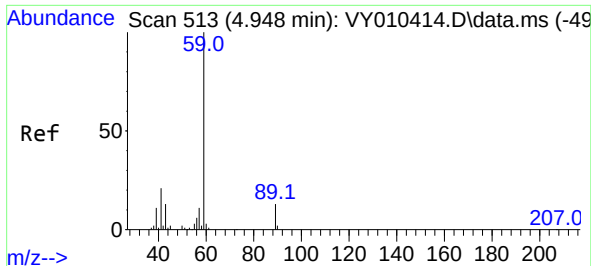
Tgt Ion:168 Resp: 193598  
Ion Ratio Lower Upper  
168 100  
99 53.3 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 85 Resp: 68  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.1 48.2#

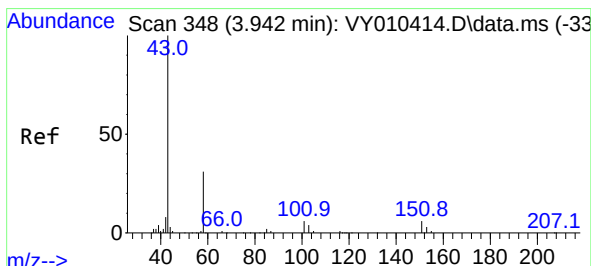
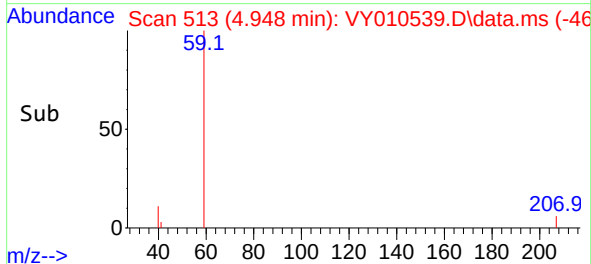
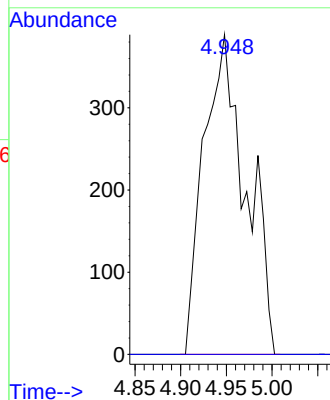
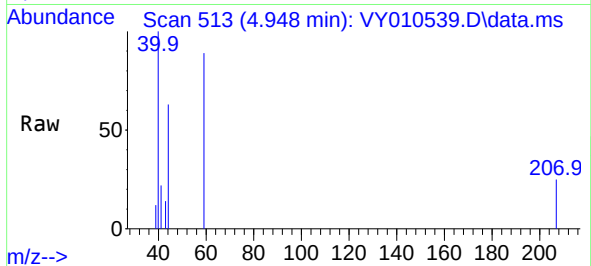




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 4.948 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

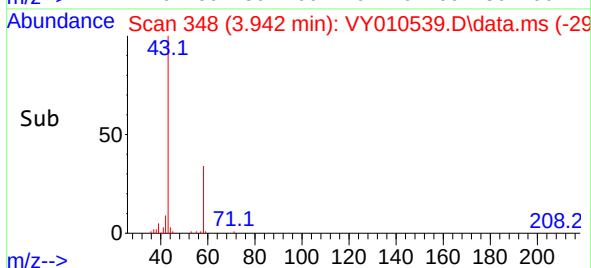
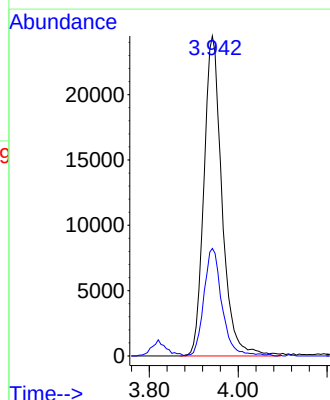
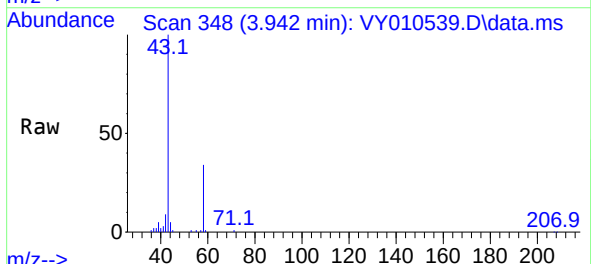
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

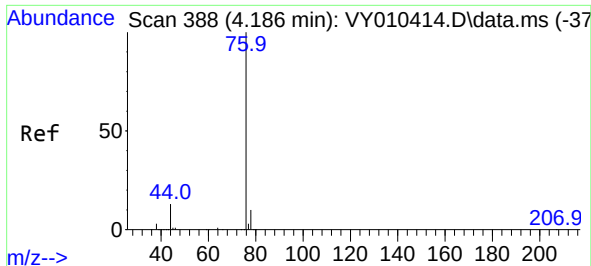
Tgt Ion: 59 Resp: 1250  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.4 9.6#



#16  
Acetone  
Concen: 154.973 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 43 Resp: 69346  
Ion Ratio Lower Upper  
43 100  
58 33.3 22.0 33.0#

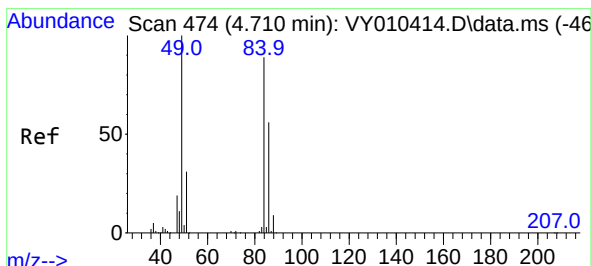
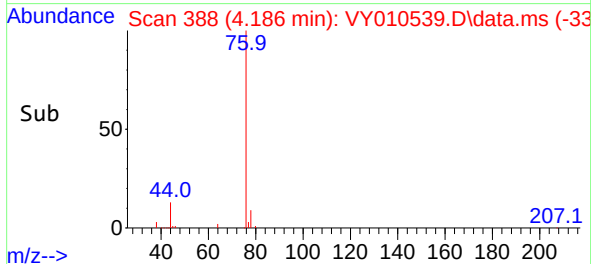
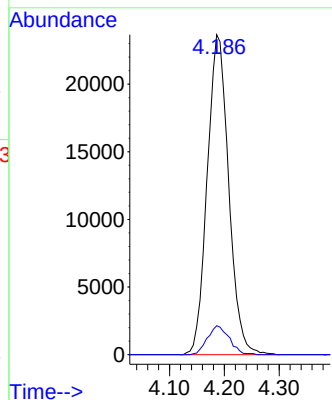
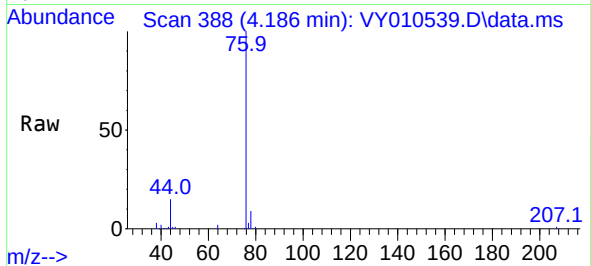




#17  
Carbon Disulfide  
Concen: 12.732 ug/l  
RT: 4.186 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

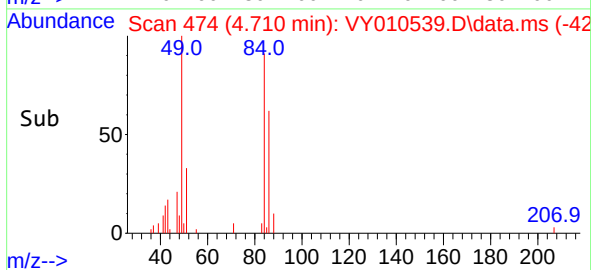
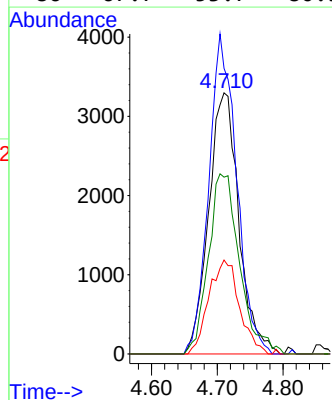
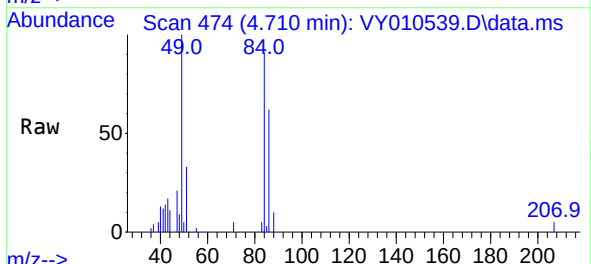
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

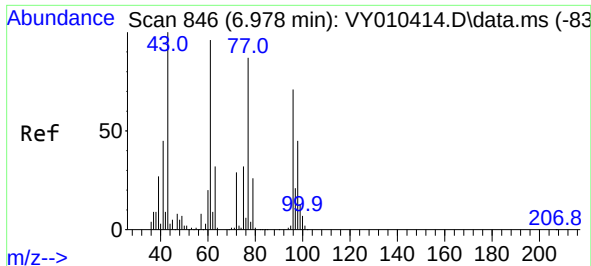
Tgt Ion: 76 Resp: 64282  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 84 Resp: 10545  
Ion Ratio Lower Upper  
84 100  
49 109.4 114.4 171.6#  
51 36.0 35.3 52.9  
86 67.7 53.7 80.5

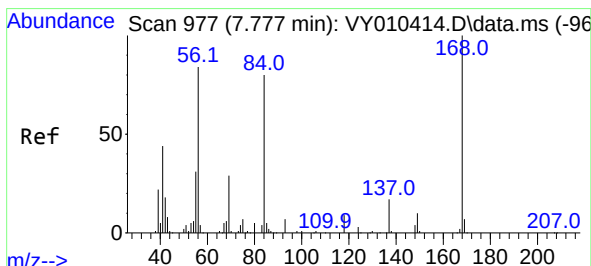
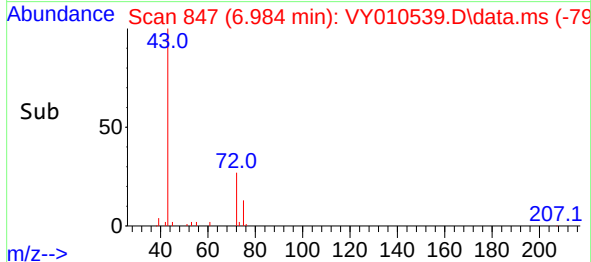
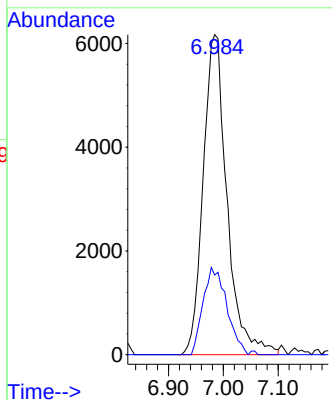
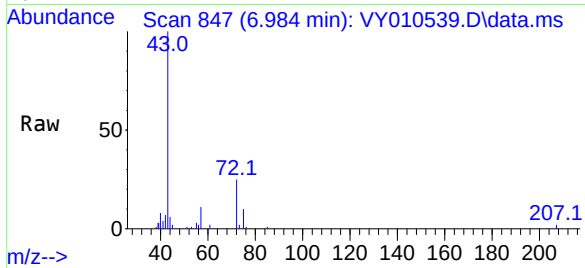




#25  
2-Butanone  
Concen: 26.194 ug/l  
RT: 6.984 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

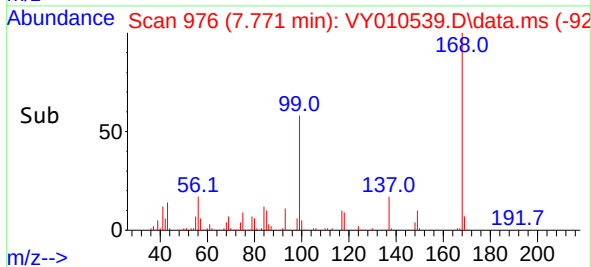
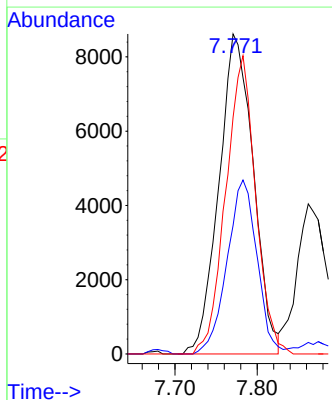
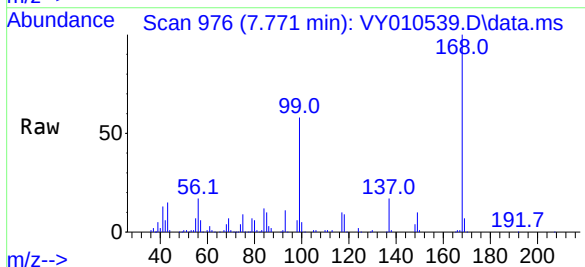
Instrument :  
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WC-17-4-2

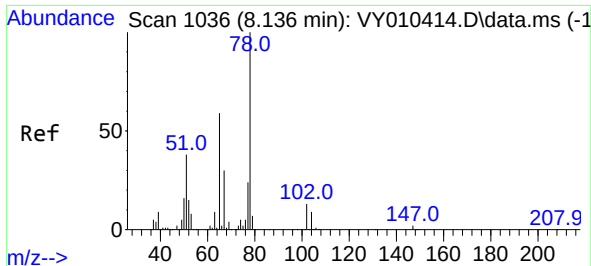
Tgt Ion: 43 Resp: 18627  
Ion Ratio Lower Upper  
43 100  
72 24.9 17.7 26.5



#31  
Cyclohexane  
Concen: 7.605 ug/l  
RT: 7.771 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 56 Resp: 25051  
Ion Ratio Lower Upper  
56 100  
69 40.1 26.7 40.1#  
84 73.9 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 53.370 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010539.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

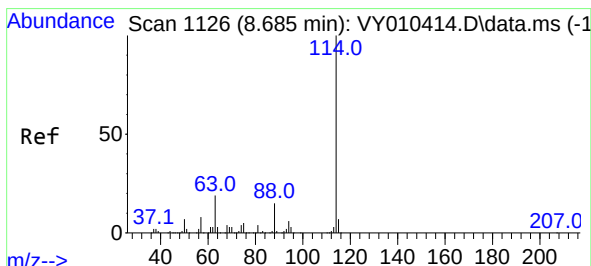
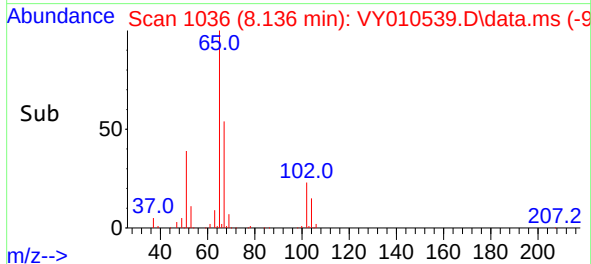
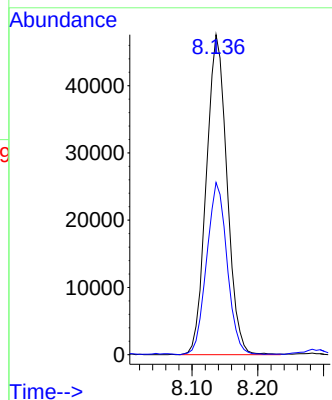
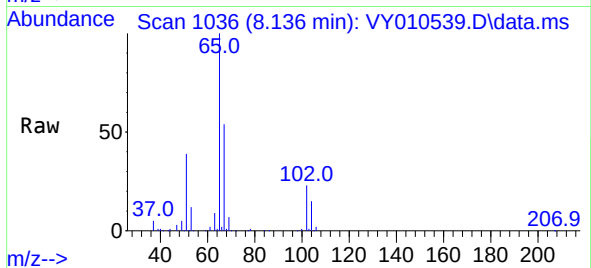
WC-17-4-2

Tgt Ion: 65 Resp: 104063

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010539.D

Acq: 16 Sep 2022 16:50

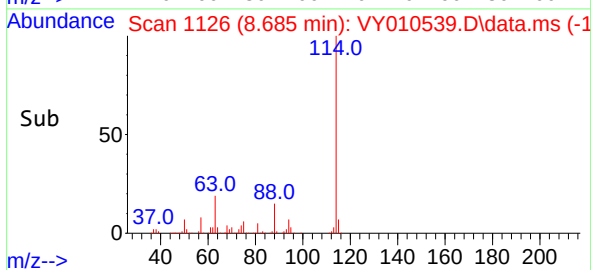
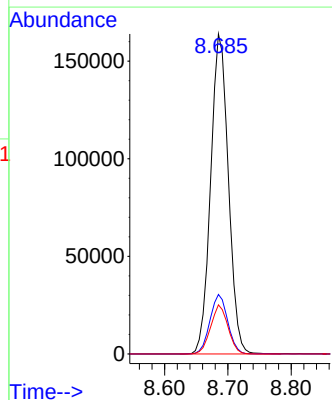
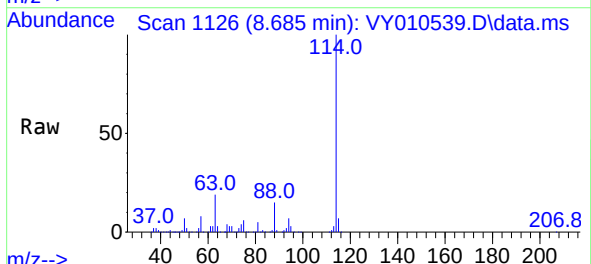
Tgt Ion: 114 Resp: 318715

Ion Ratio Lower Upper

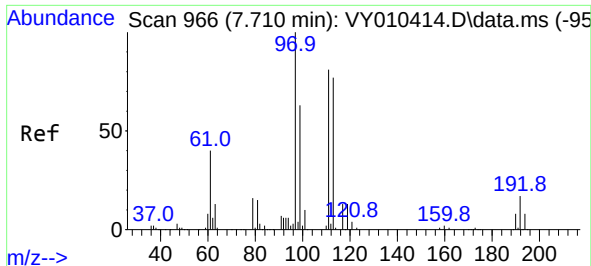
114 100

63 18.6 0.0 43.2

88 15.3 0.0 31.8



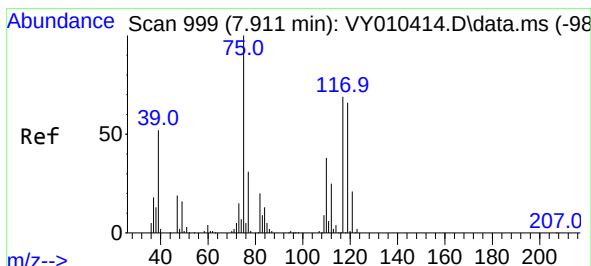
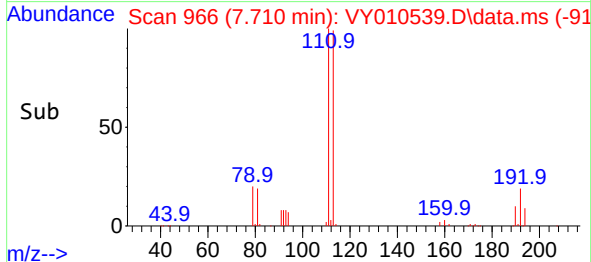
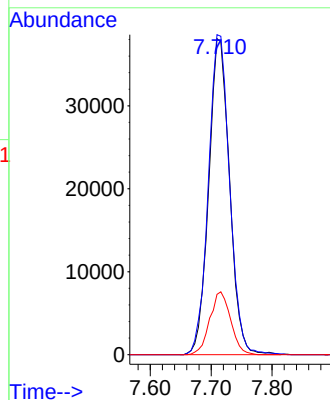
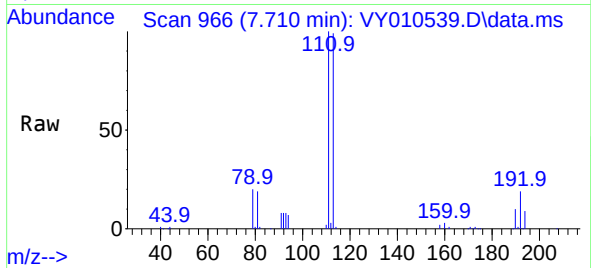




#35  
Dibromofluoromethane  
Concen: 40.035 ug/l  
RT: 7.710 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

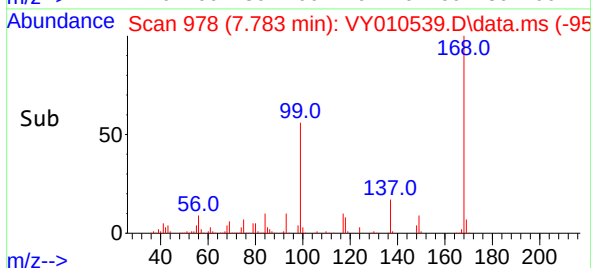
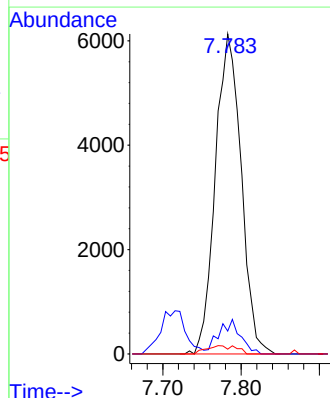
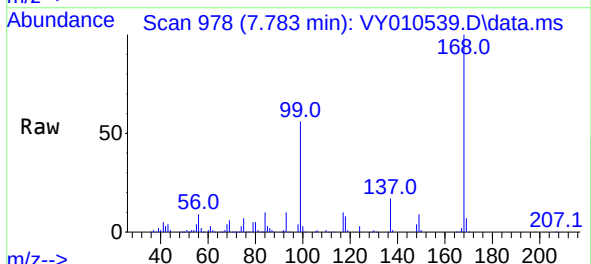
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

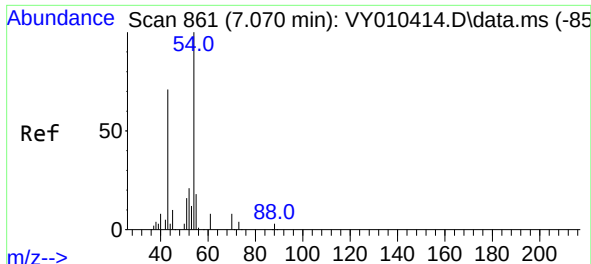
Tgt Ion:113 Resp: 90620  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 124.0  
192 19.9 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 4.525 ug/l  
RT: 7.783 min Scan# 978  
Delta R.T. -0.128 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 75 Resp: 14022  
Ion Ratio Lower Upper  
75 100  
110 9.0 17.1 51.2#  
77 2.1 24.4 36.6#

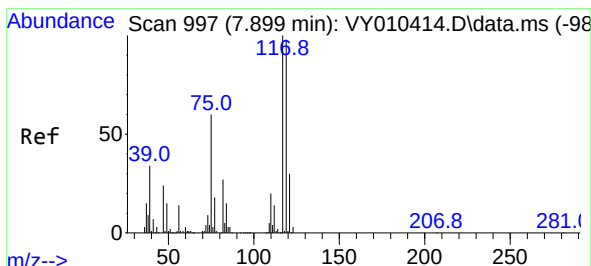
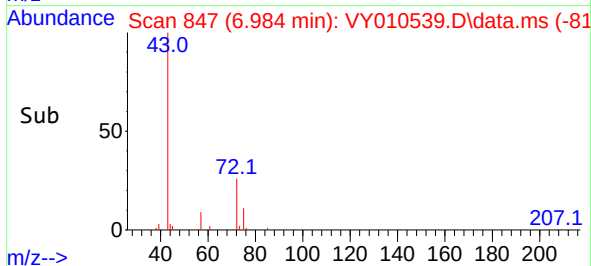
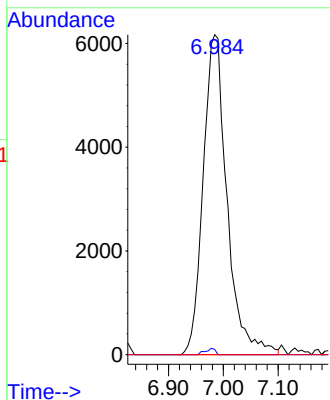
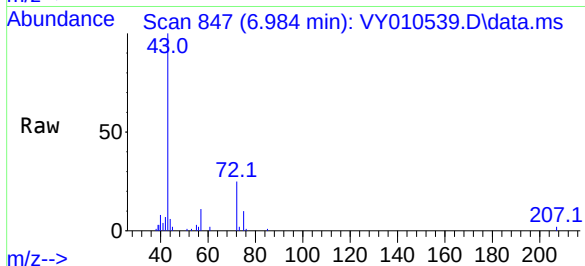




#37  
Ethyl Acetate  
Concen: 11.435 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.086 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

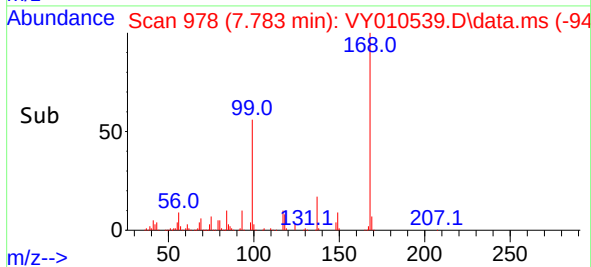
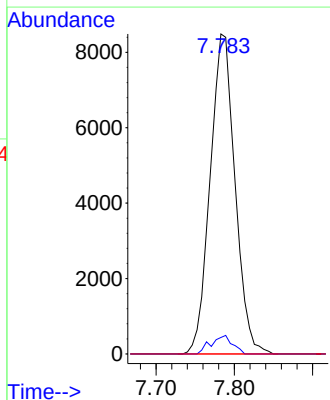
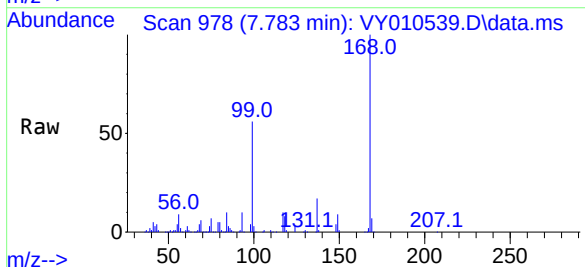
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

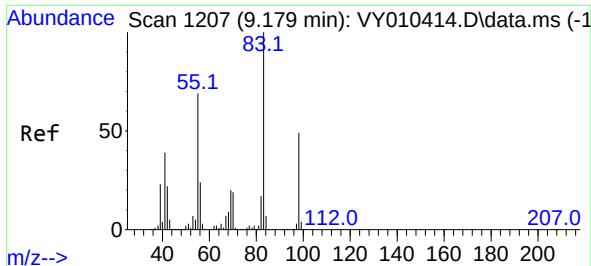
Tgt Ion: 43 Resp: 18627  
Ion Ratio Lower Upper  
43 100  
61 0.8 9.7 14.5#  
70 0.0 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 5.440 ug/l  
RT: 7.783 min Scan# 978  
Delta R.T. -0.116 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 117 Resp: 18754  
Ion Ratio Lower Upper  
117 100  
119 5.2 77.9 116.9#  
121 0.0 24.8 37.2#

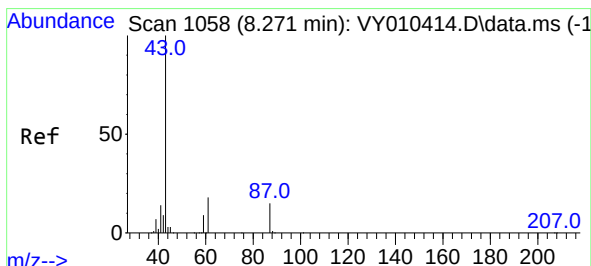
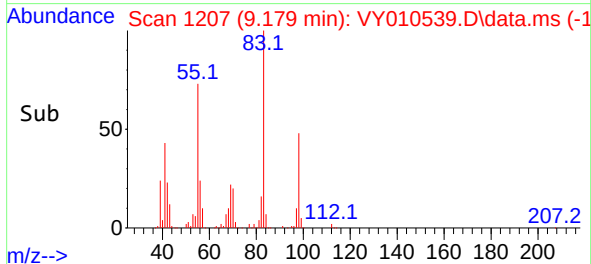
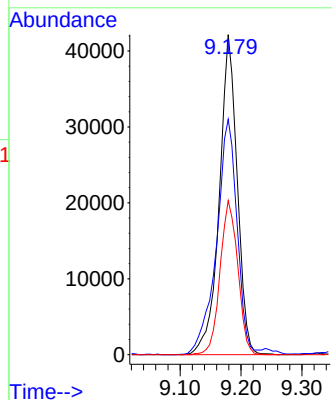
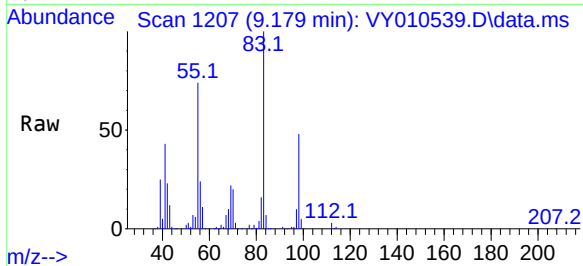




#39  
Methylcyclohexane  
Concen: 22.273 ug/l  
RT: 9.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

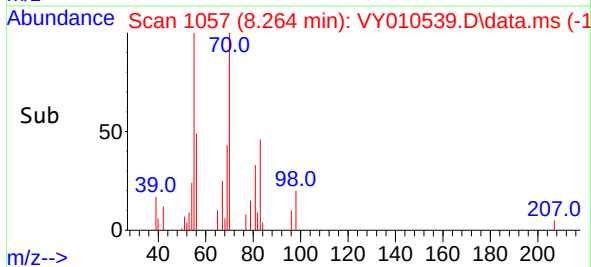
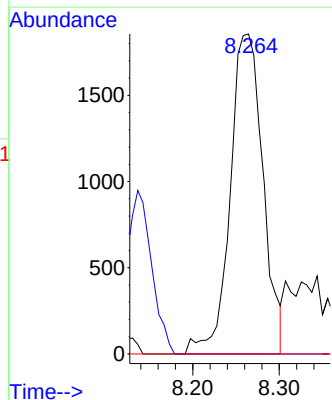
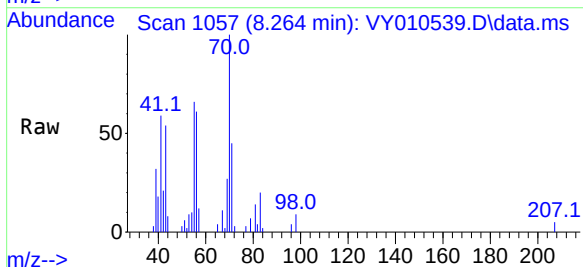
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

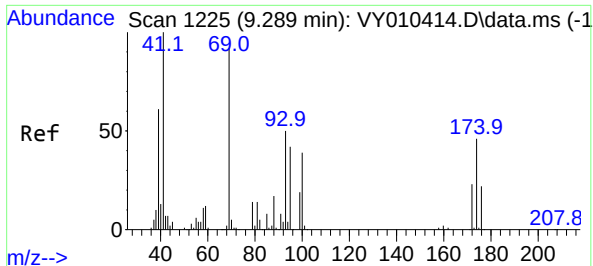
Tgt Ion: 83 Resp: 86061  
Ion Ratio Lower Upper  
83 100  
55 73.4 66.5 99.7  
98 48.1 37.9 56.9



#43  
Isopropyl Acetate  
Concen: 1.638 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.007 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 43 Resp: 4883  
Ion Ratio Lower Upper  
43 100  
61 0.0 20.2 30.2#  
87 0.0 8.9 13.3#





#48

Methyl methacrylate

Concen: 2.645 ug/l

RT: 9.240 min Scan# 1225

Delta R.T. -0.049 min

Lab File: VY010539.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

WC-17-4-2

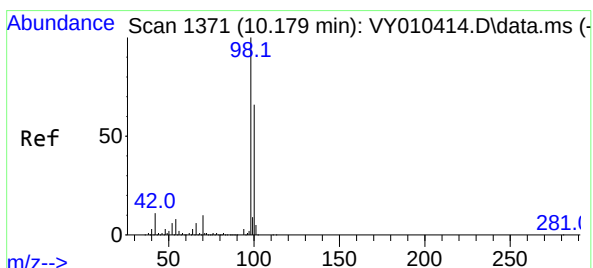
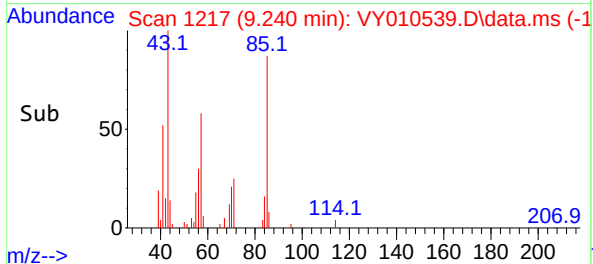
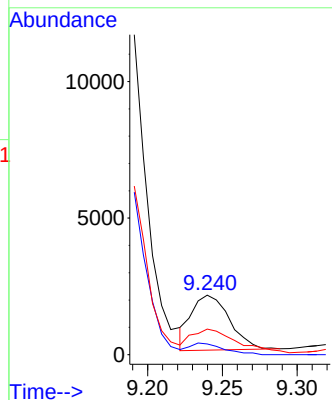
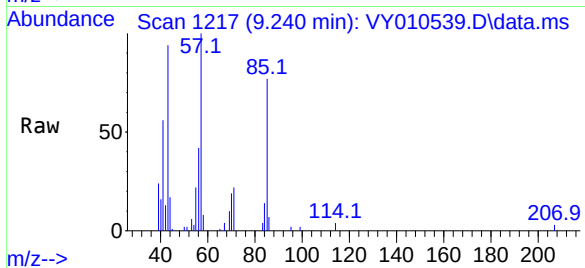
Tgt Ion: 41 Resp: 3541

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 51.0 47.4 71.0



#50

Toluene-d8

Concen: 49.961 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010539.D

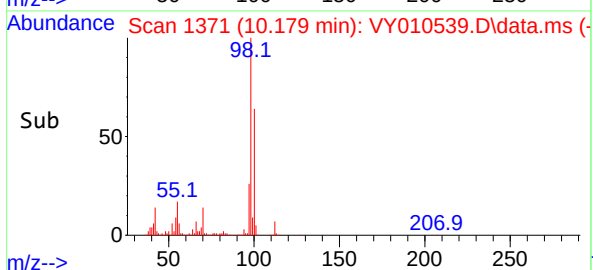
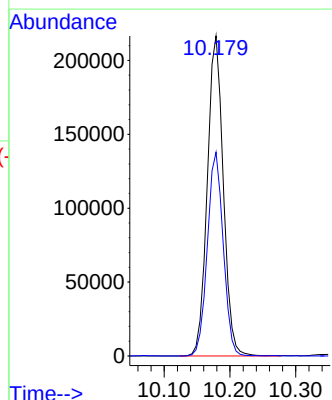
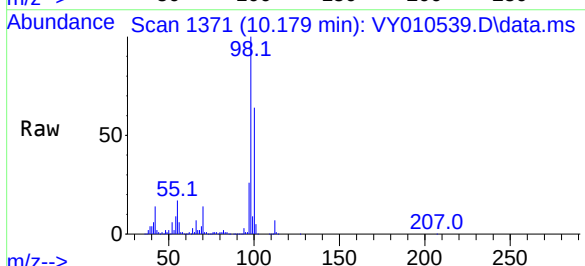
Acq: 16 Sep 2022 16:50

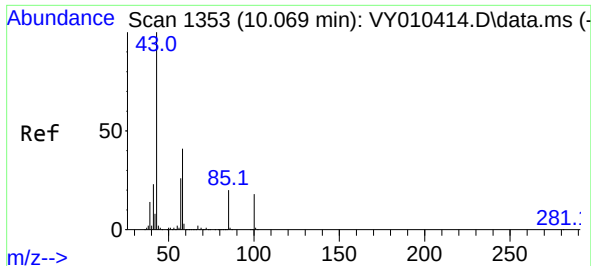
Tgt Ion: 98 Resp: 366509

Ion Ratio Lower Upper

98 100

100 63.0 50.2 75.2

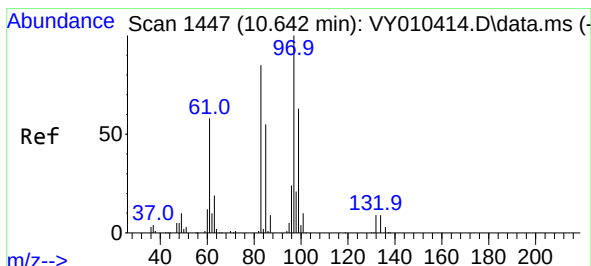
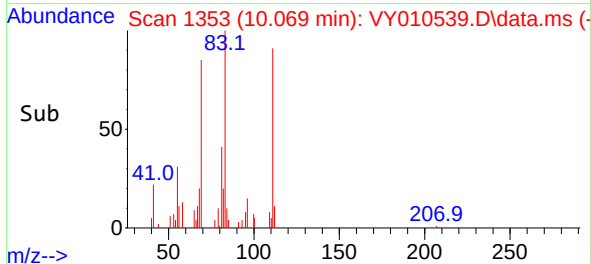
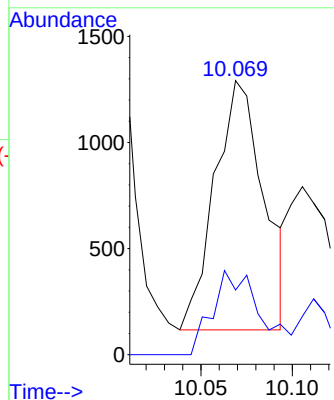
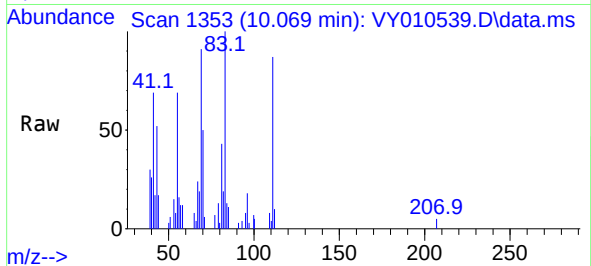




#51  
4-Methyl-2-Pentanone  
Concen: 1.339 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

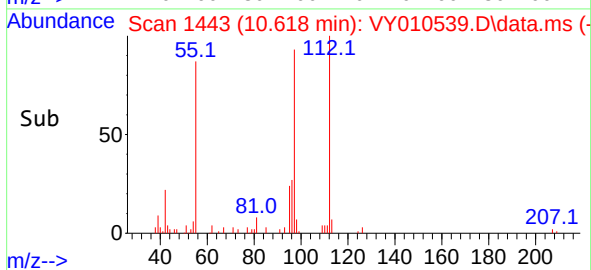
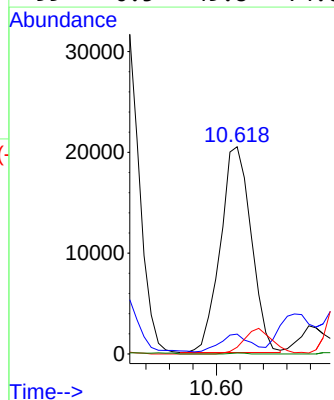
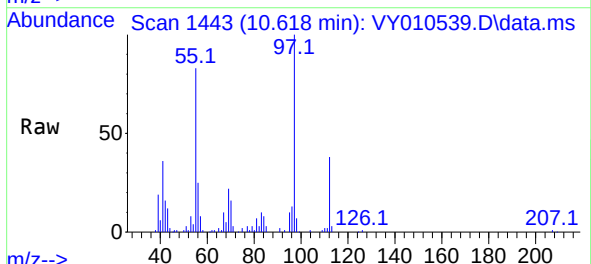
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

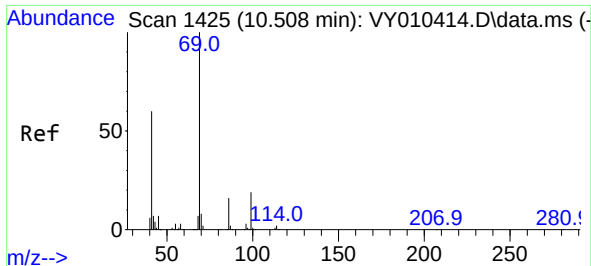
Tgt Ion: 43 Resp: 2190  
Ion Ratio Lower Upper  
43 100  
58 32.9 28.1 42.1



#55  
1,1,2-Trichloroethane  
Concen: 19.947 ug/l  
RT: 10.618 min Scan# 1443  
Delta R.T. -0.024 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 97 Resp: 37227  
Ion Ratio Lower Upper  
97 100  
83 8.2 69.8 104.8#  
85 3.3 44.3 66.5#  
99 0.5 49.8 74.6#

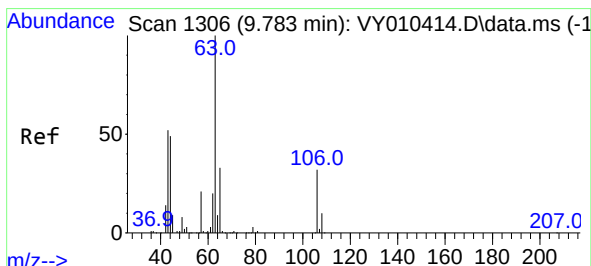
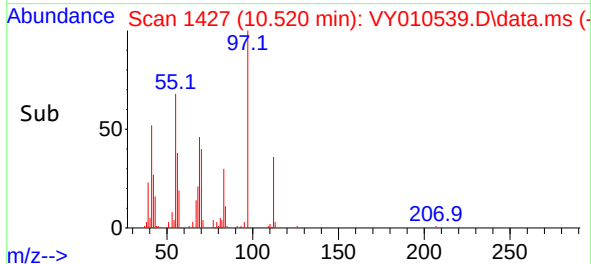
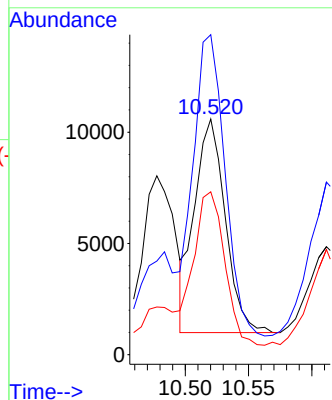
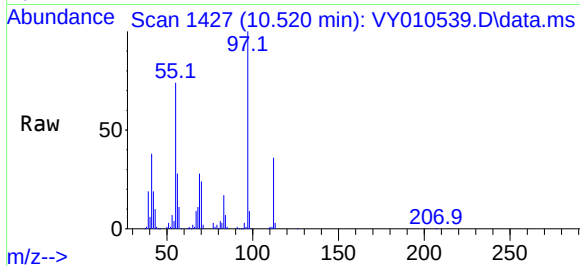




#56  
Ethyl methacrylate  
Concen: 6.639 ug/l  
RT: 10.520 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

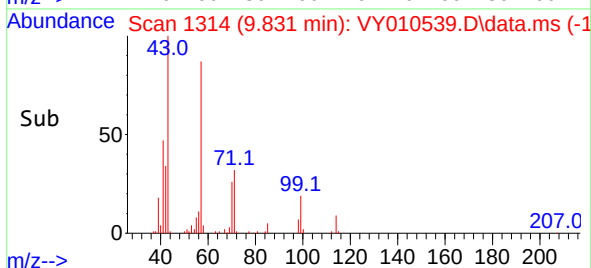
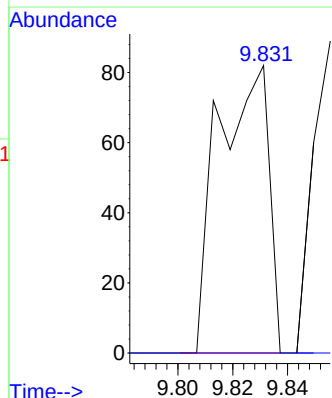
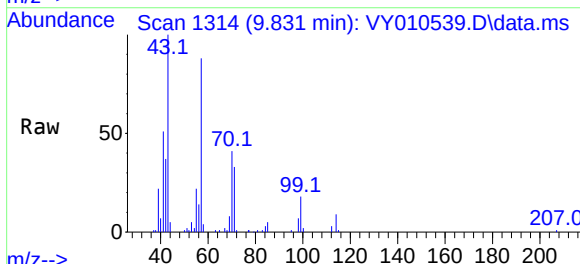
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

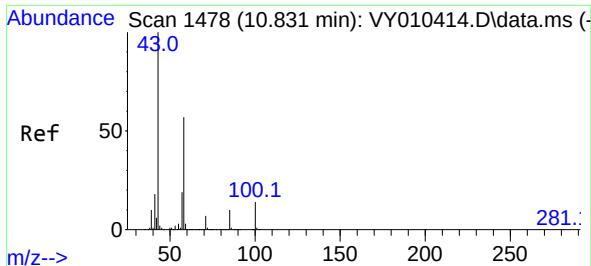
Tgt Ion: 69 Resp: 16271  
Ion Ratio Lower Upper  
69 100  
41 152.7 63.4 95.0#  
39 76.7 35.8 53.8#



#58  
2-Chloroethyl Vinyl ether  
Concen: Below Cal  
RT: 9.831 min Scan# 1314  
Delta R.T. 0.048 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 63 Resp: 104  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.5 32.3#

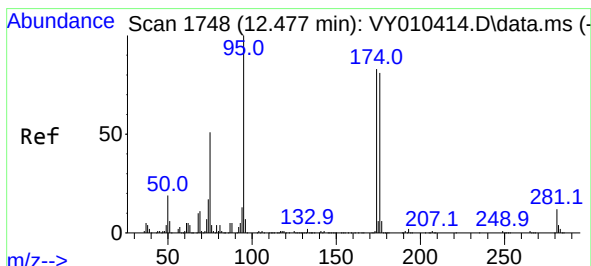
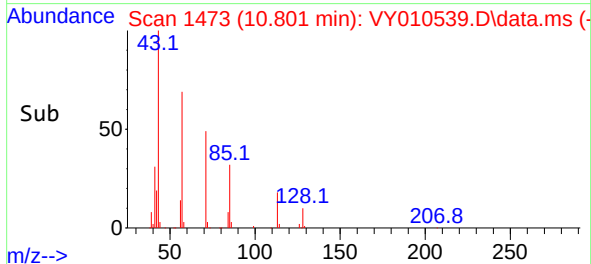
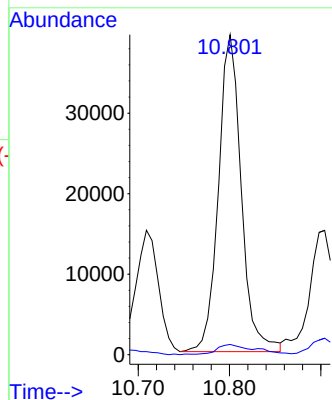
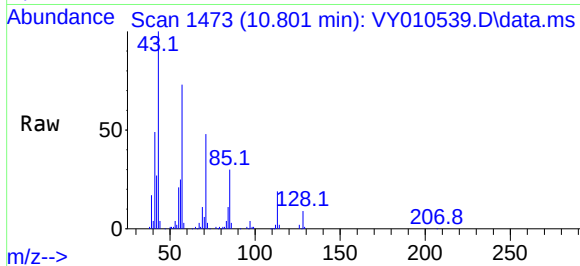




#59  
2-Hexanone  
Concen: 61.404 ug/l  
RT: 10.801 min Scan# 1478  
Delta R.T. -0.030 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

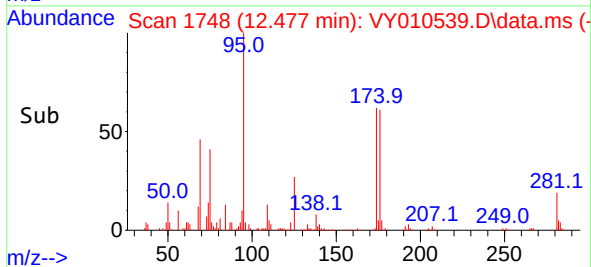
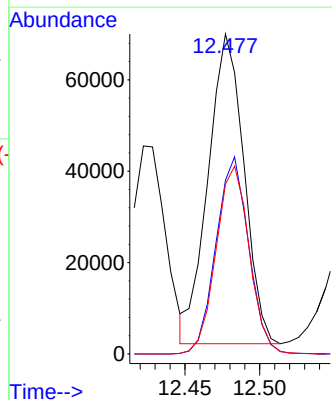
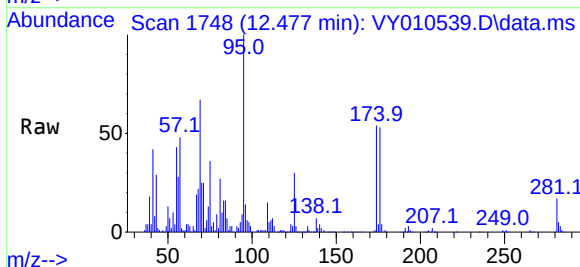
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

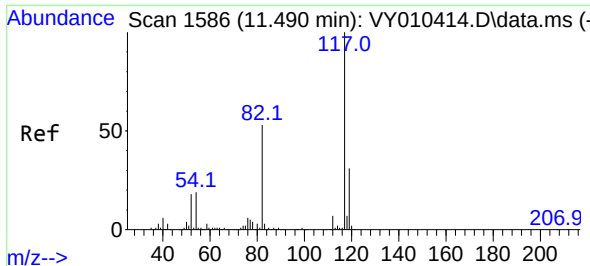
Tgt Ion: 43 Resp: 68445  
Ion Ratio Lower Upper  
43 100  
58 5.5 24.4 73.4#



#62  
4-Bromofluorobenzene  
Concen: 37.127 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 95 Resp: 112567  
Ion Ratio Lower Upper  
95 100  
174 58.3 0.0 177.0  
176 56.4 0.0 175.8

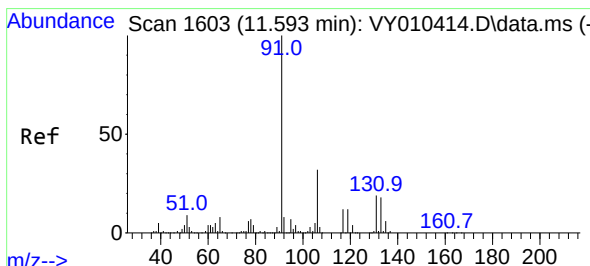
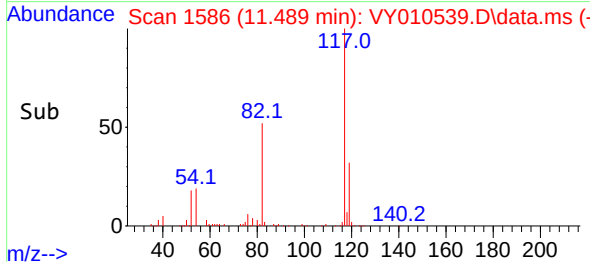
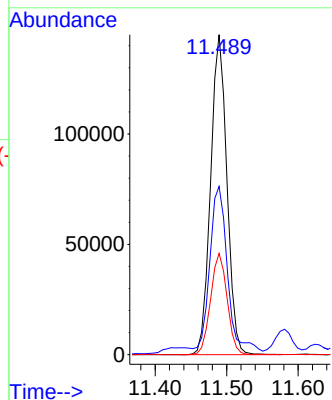
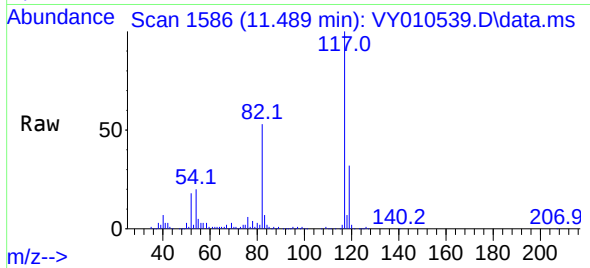




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

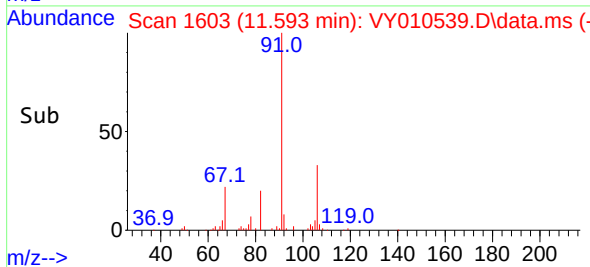
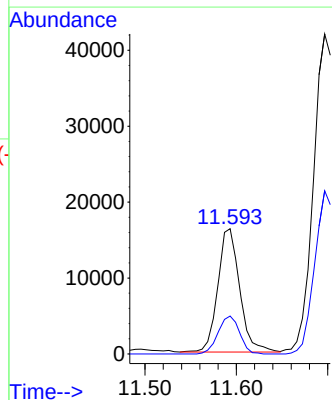
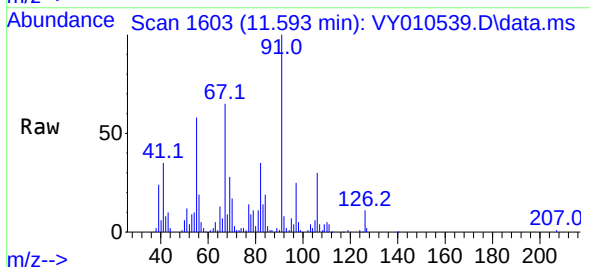
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

Tgt Ion:117 Resp: 229162  
Ion Ratio Lower Upper  
117 100  
82 50.5 43.0 64.4  
119 31.7 25.4 38.0

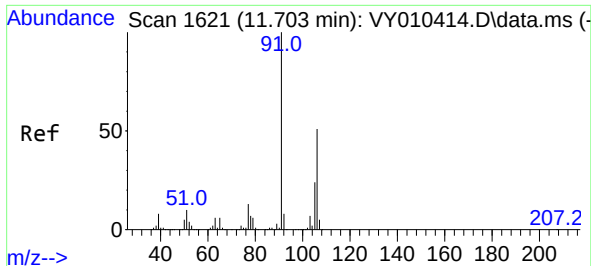


#67  
Ethyl Benzene  
Concen: 2.978 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 91 Resp: 27007  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.5 36.7



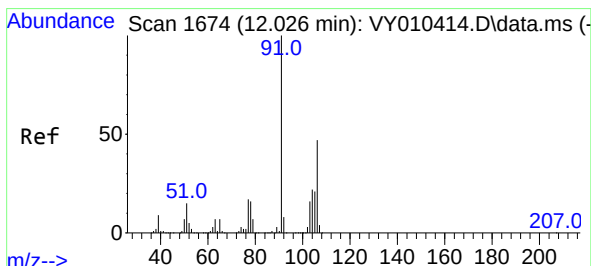
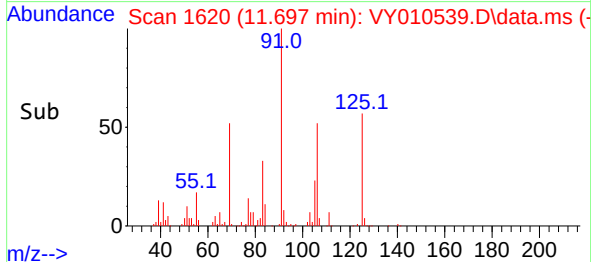
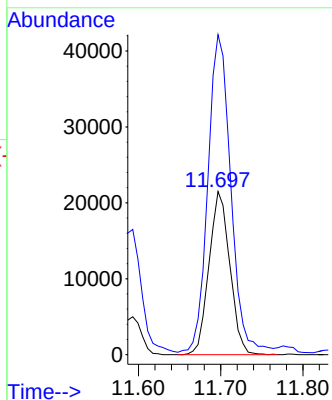
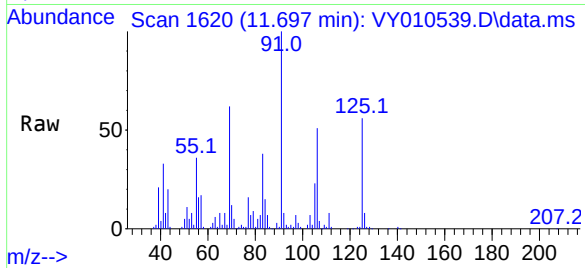




#68  
m/p-Xylenes  
Concen: 10.616 ug/l  
RT: 11.697 min Scan# 11697  
Delta R.T. -0.006 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

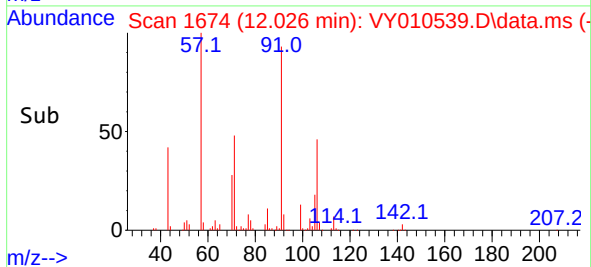
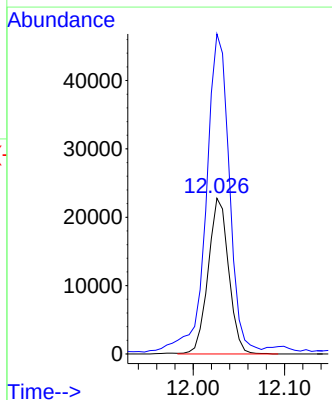
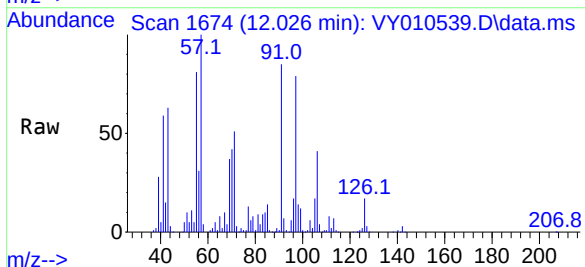
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

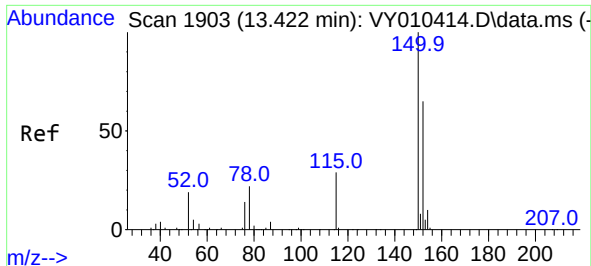
Tgt Ion:106 Resp: 37803  
Ion Ratio Lower Upper  
106 100  
91 212.7 166.6 249.8



#69  
o-Xylene  
Concen: 10.427 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:106 Resp: 35452  
Ion Ratio Lower Upper  
106 100  
91 228.9 110.3 331.0

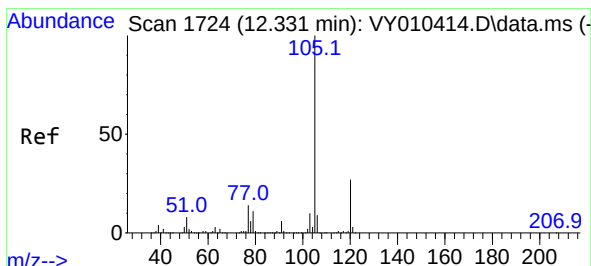
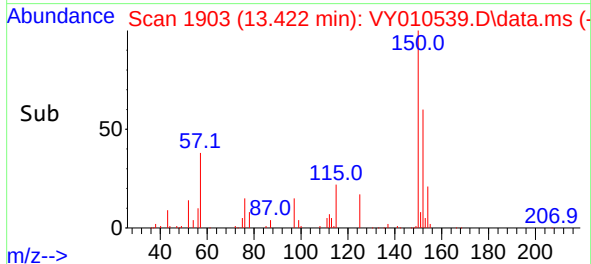
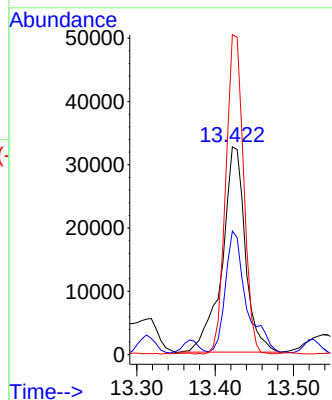
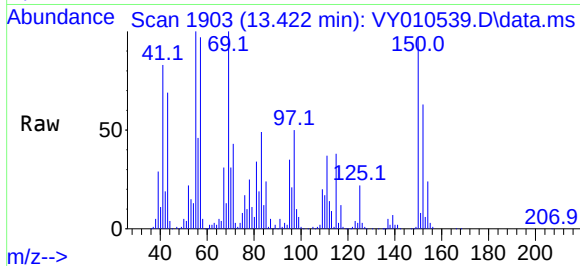




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

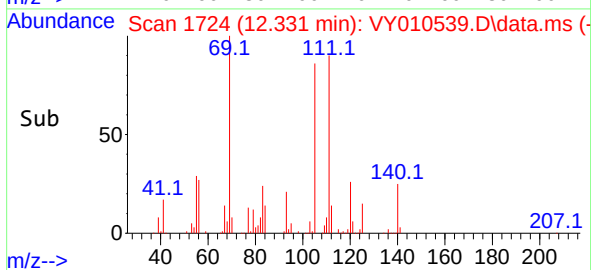
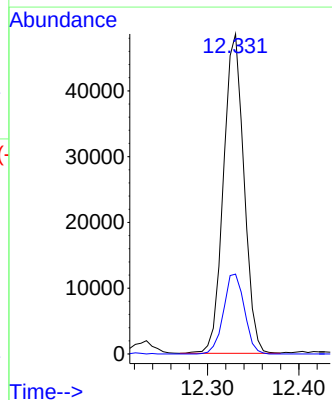
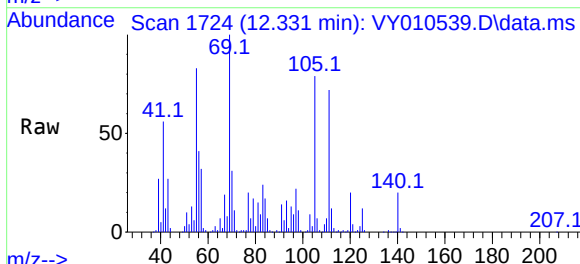
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

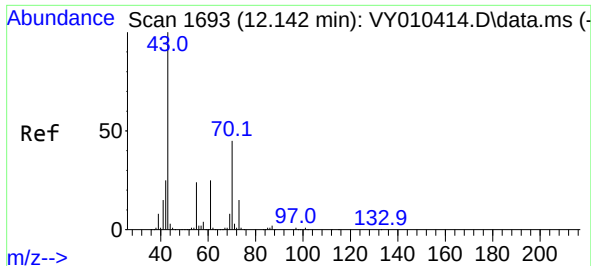
Tgt Ion:152 Resp: 66694  
Ion Ratio Lower Upper  
152 100  
115 53.3 28.2 84.7  
150 119.9 0.0 347.6



#73  
Isopropylbenzene  
Concen: 14.522 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:105 Resp: 75567  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.4 40.2



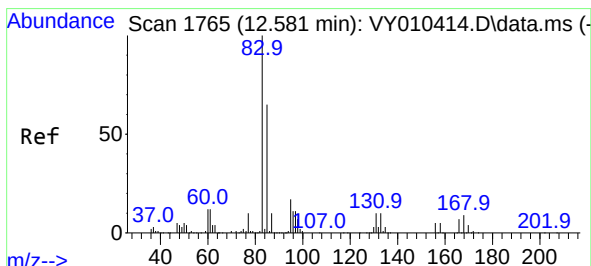
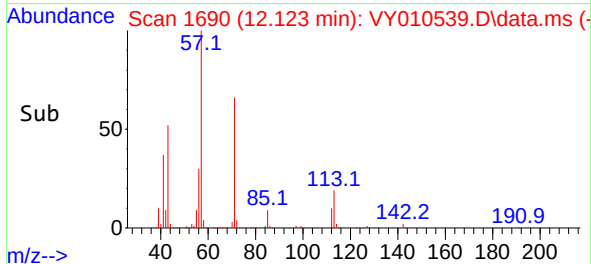
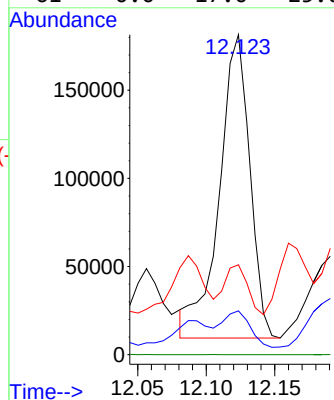
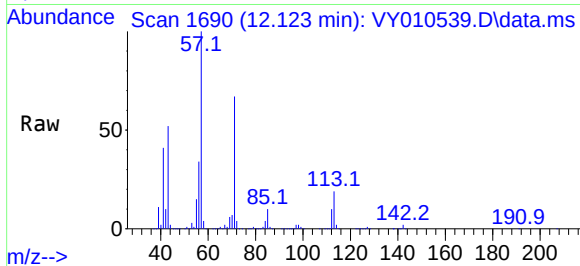


#74  
N-amy1 acetate  
Concen: 219.896 ug/l  
RT: 12.123 min Scan# 1  
Delta R.T. -0.019 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

Tgt Ion: 43 Resp: 266986

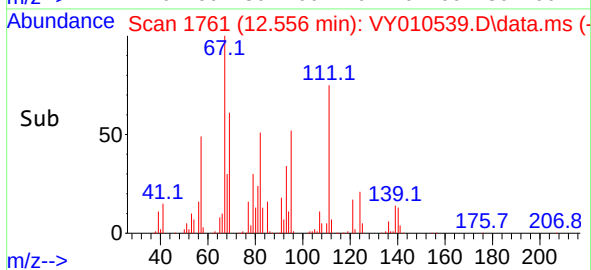
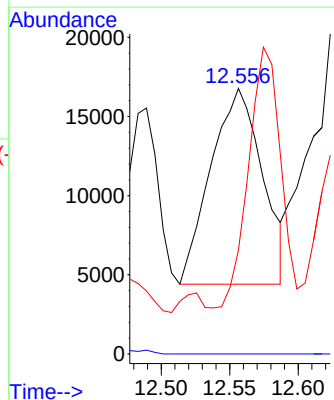
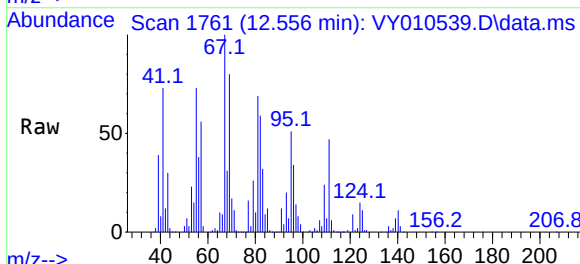
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 10.6  | 28.7  | 43.1# |
| 55  | 12.8  | 17.3  | 25.9# |
| 61  | 0.0   | 17.0  | 25.6# |

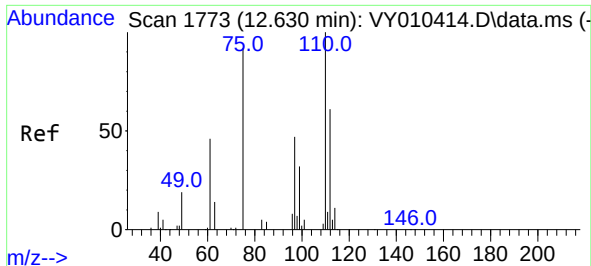


#75  
1,1,2,2-Tetrachloroethane  
Concen: 33.193 ug/l  
RT: 12.556 min Scan# 1761  
Delta R.T. -0.025 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 83 Resp: 32311

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 0.0   | 5.6   | 16.8# |
| 85  | 82.5  | 32.3  | 96.8  |

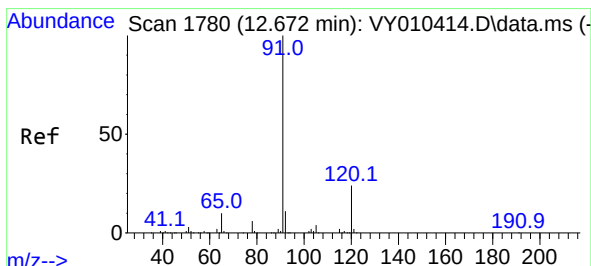
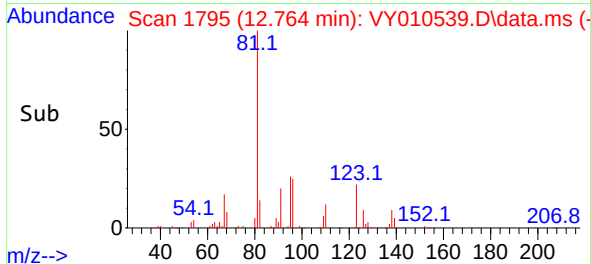
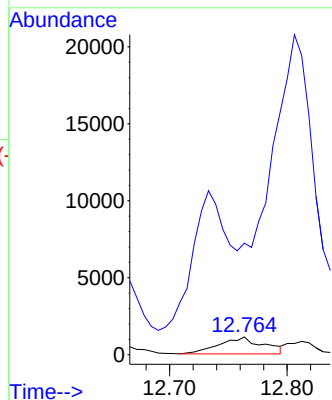
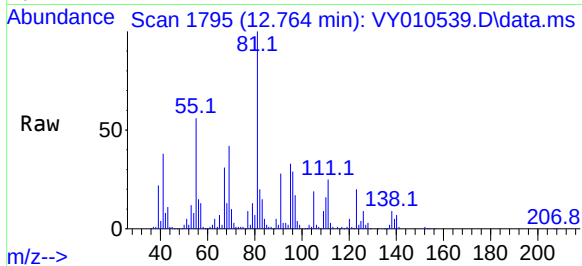




#76  
1,2,3-Trichloropropane  
Concen: 3.868 ug/l  
RT: 12.764 min Scan# 1795  
Delta R.T. 0.134 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

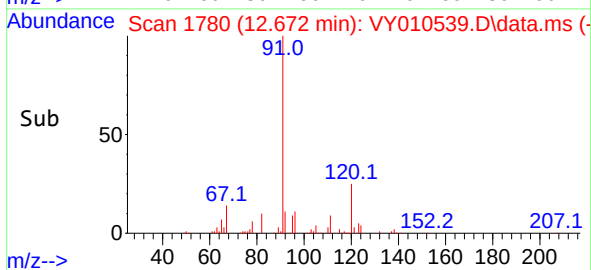
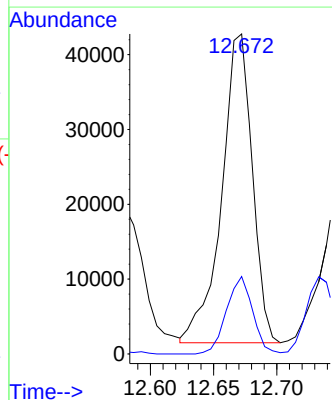
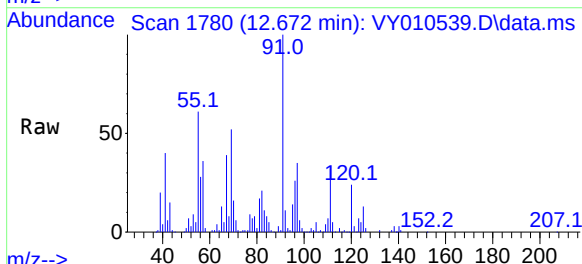
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

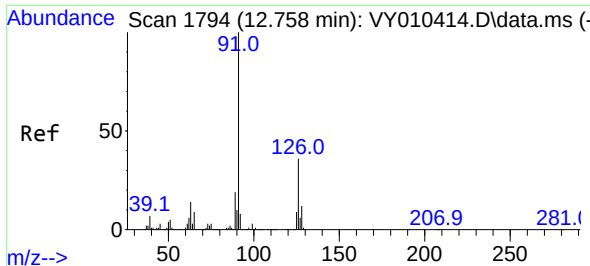
Tgt Ion: 75 Resp: 2847  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#78  
n-propylbenzene  
Concen: 11.298 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 91 Resp: 69616  
Ion Ratio Lower Upper  
91 100  
120 21.4 11.3 33.9

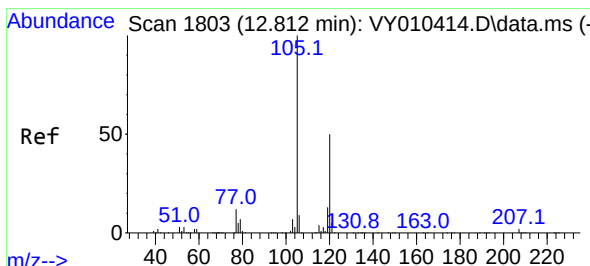
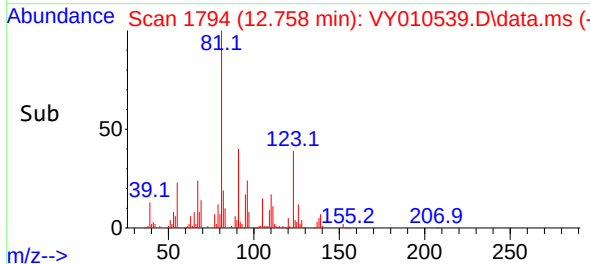
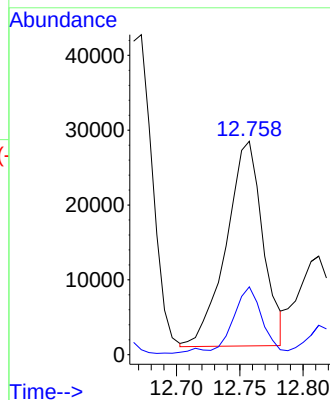
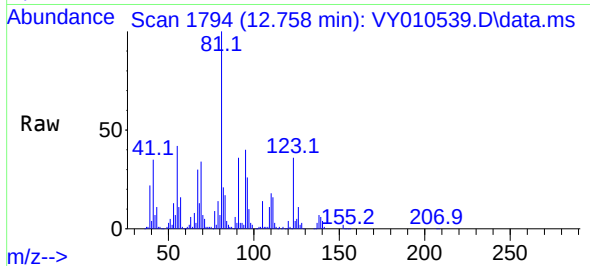




#79  
2-Chlorotoluene  
Concen: 15.968 ug/l  
RT: 12.758 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

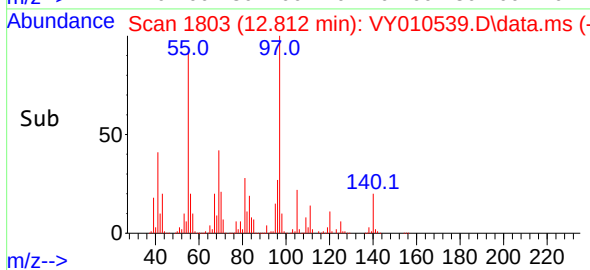
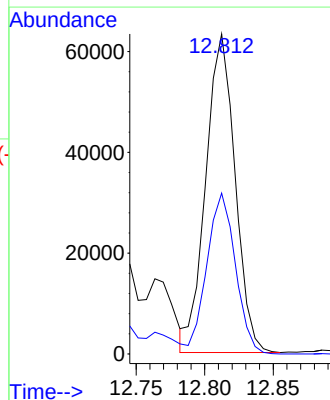
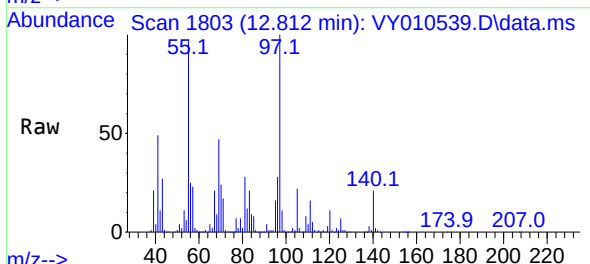
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

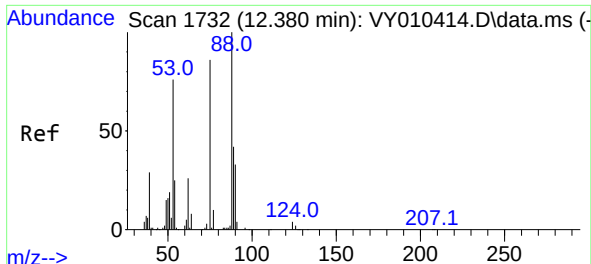
Tgt Ion: 91 Resp: 55272  
Ion Ratio Lower Upper  
91 100  
126 26.2 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 21.410 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 105 Resp: 94005  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.4 73.4

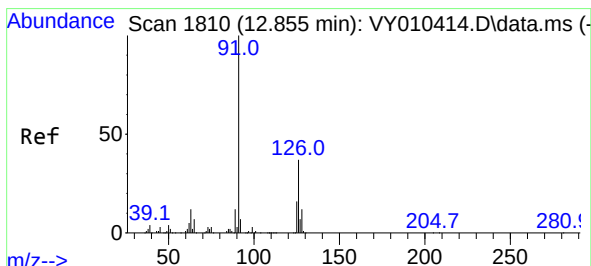
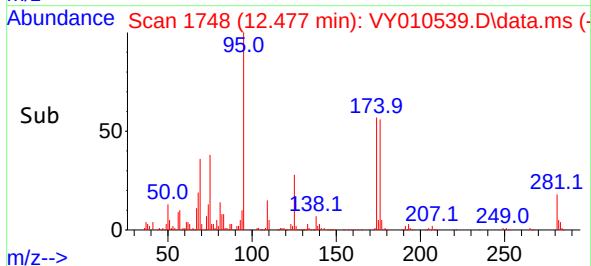
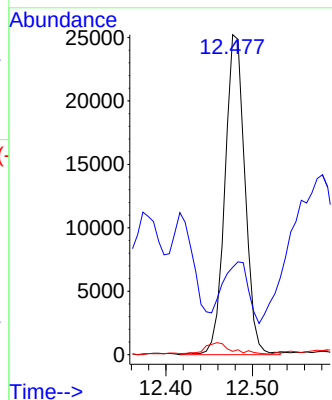
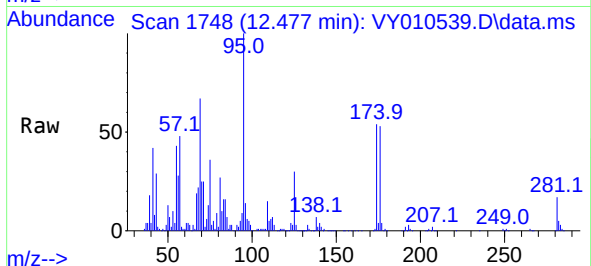




#81  
trans-1,4-Dichloro-2-butene  
Concen: 122.366 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.097 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

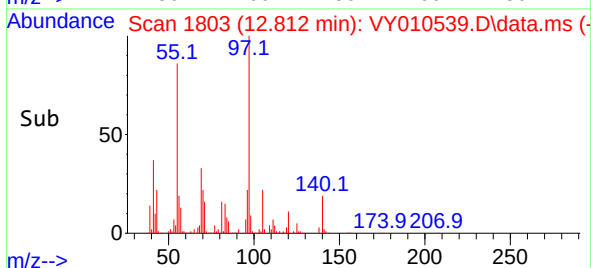
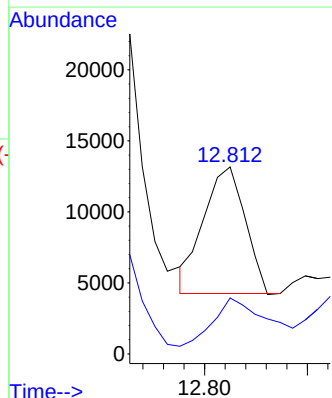
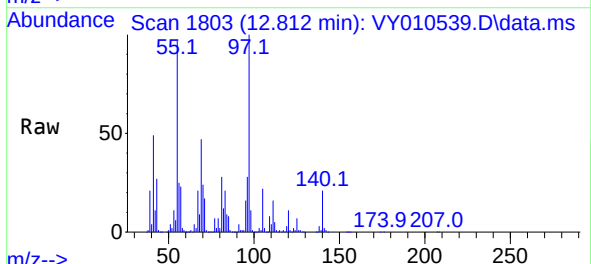
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

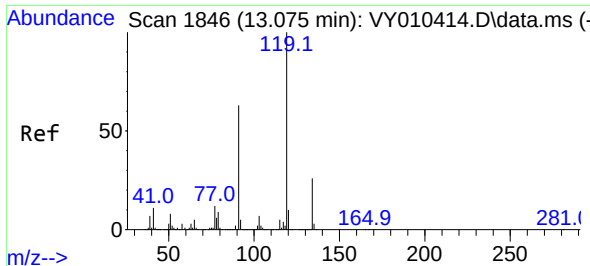
Tgt Ion: 75 Resp: 40566  
Ion Ratio Lower Upper  
75 100  
53 24.0 85.3 127.9#  
89 0.0 37.0 55.4#



#82  
4-Chlorotoluene  
Concen: 3.463 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.043 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 91 Resp: 12469  
Ion Ratio Lower Upper  
91 100  
126 50.7 17.0 51.0

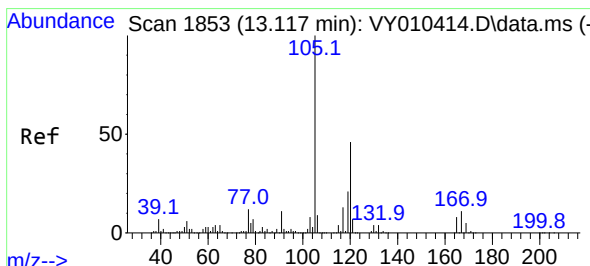
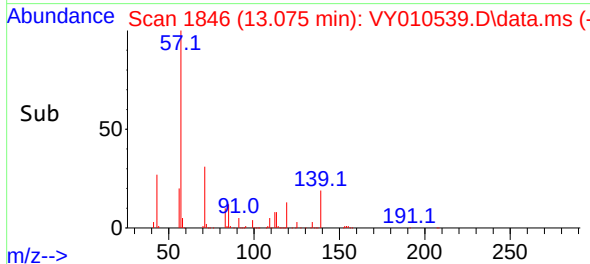
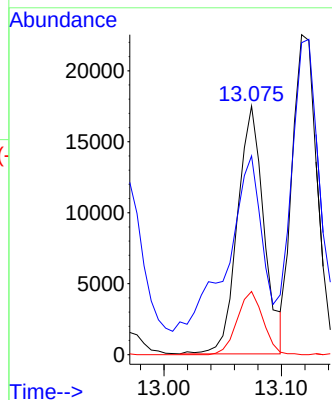
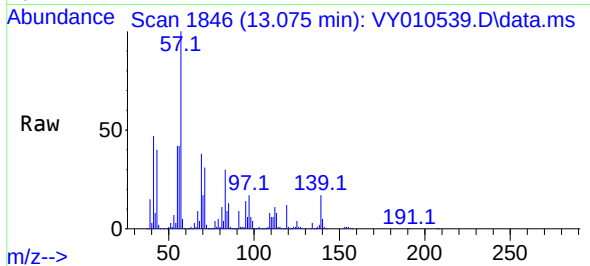




#83  
tert-Butylbenzene  
Concen: 7.129 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

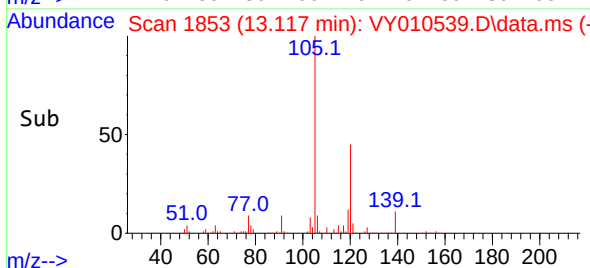
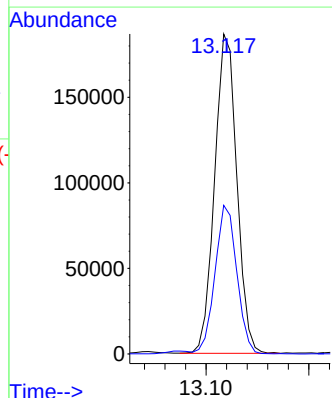
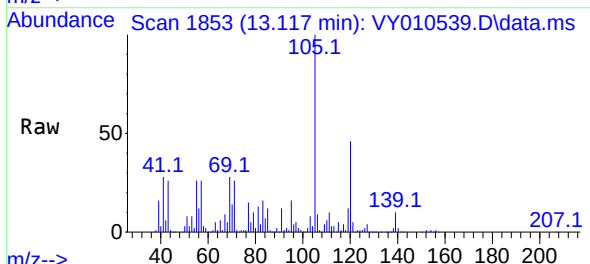
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

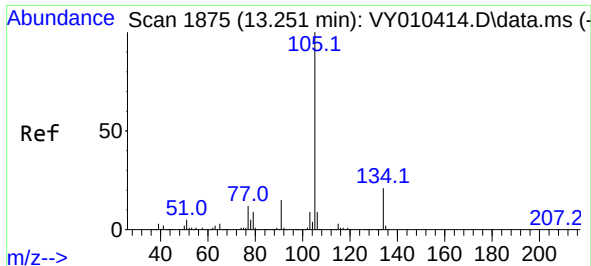
Tgt Ion:119 Resp: 27359  
Ion Ratio Lower Upper  
119 100  
91 89.1 34.8 104.4  
134 25.0 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 64.948 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:105 Resp: 279020  
Ion Ratio Lower Upper  
105 100  
120 45.8 22.3 66.9

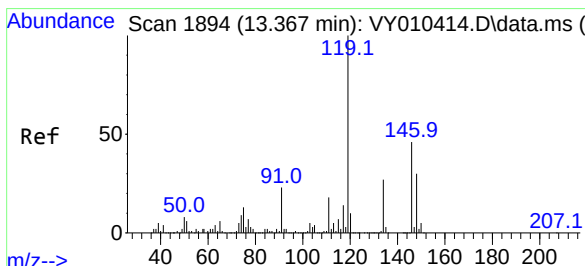
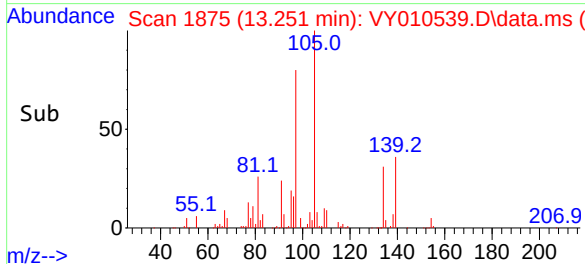
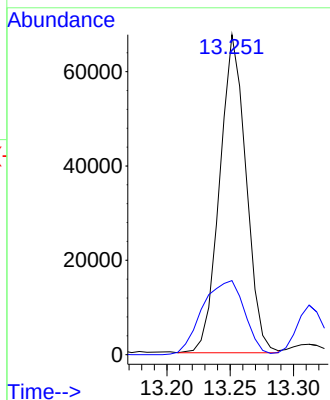
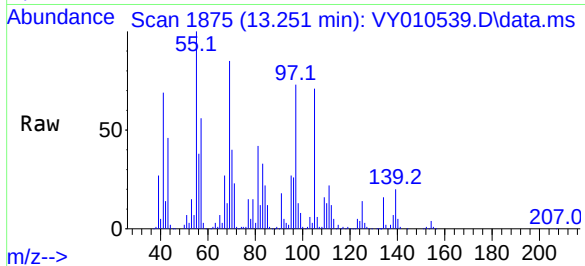




#85  
 sec-Butylbenzene  
 Concen: 17.204 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY010539.D  
 Acq: 16 Sep 2022 16:50

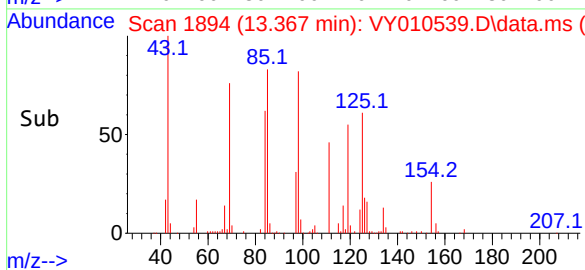
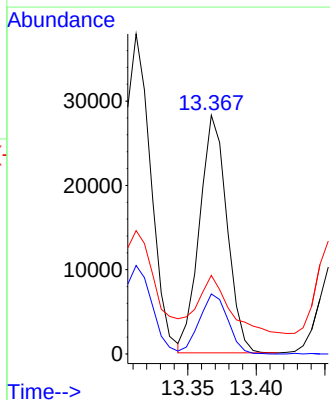
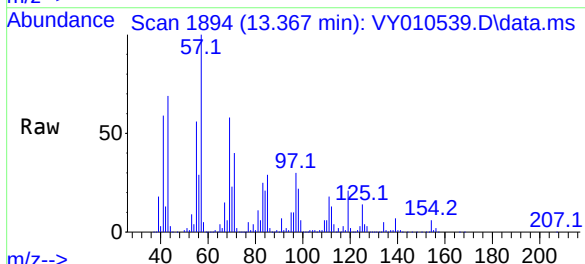
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-17-4-2

Tgt Ion:105 Resp: 97760  
 Ion Ratio Lower Upper  
 105 100  
 134 37.3 10.2 30.4#

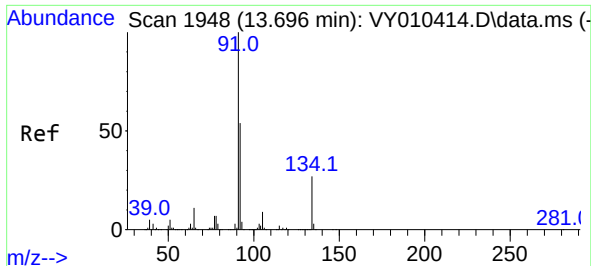


#86  
 p-Isopropyltoluene  
 Concen: 8.180 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010539.D  
 Acq: 16 Sep 2022 16:50

Tgt Ion:119 Resp: 39318  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.2 39.5  
 91 27.5 12.4 37.2







#89

n-Butylbenzene

Concen: 13.303 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010539.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

WC-17-4-2

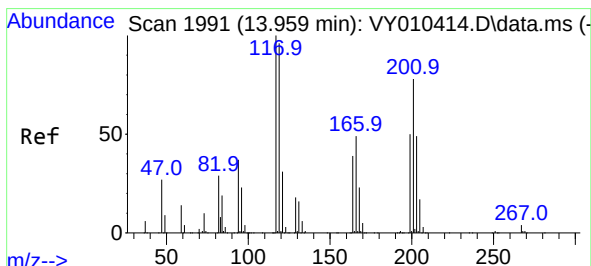
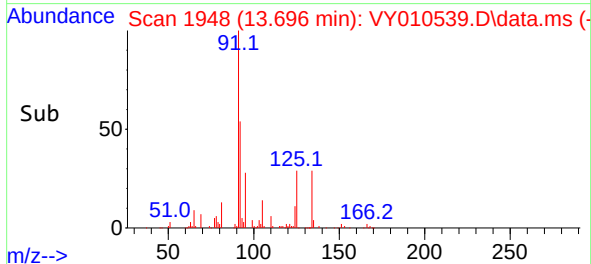
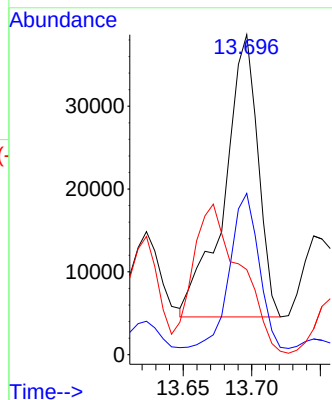
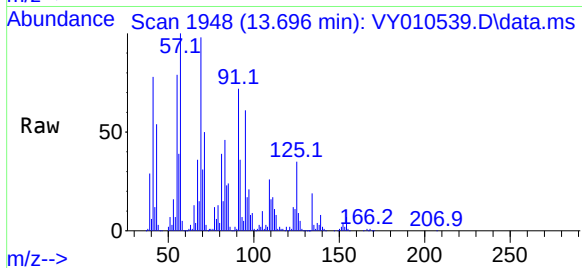
Tgt Ion: 91 Resp: 58041

Ion Ratio Lower Upper

91 100

92 50.4 26.3 78.9

134 0.0 13.0 38.9#



#90

Hexachloroethane

Concen: 5.361 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY010539.D

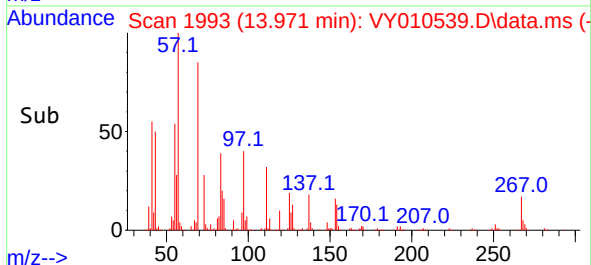
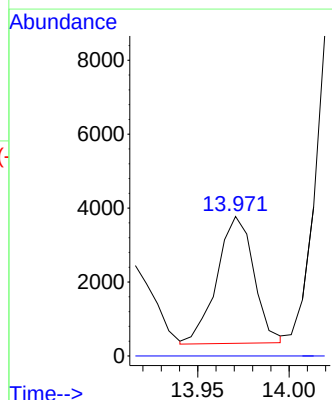
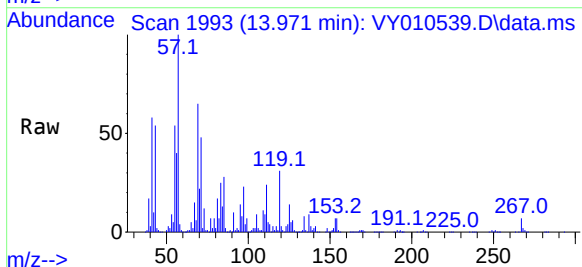
Acq: 16 Sep 2022 16:50

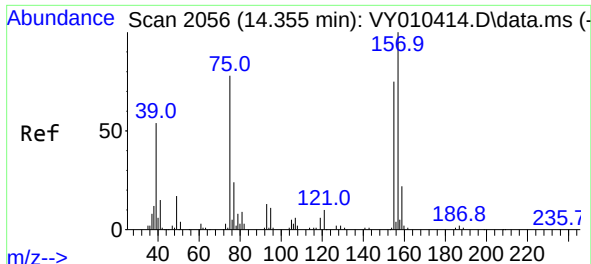
Tgt Ion: 117 Resp: 4838

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#

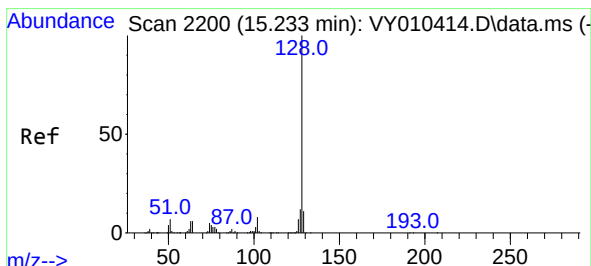
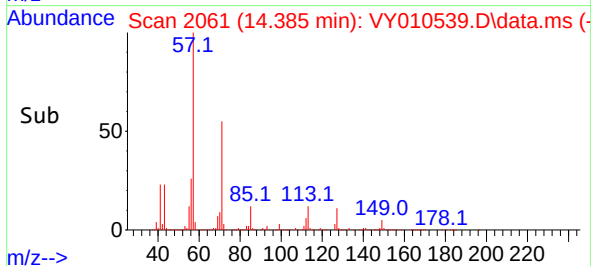
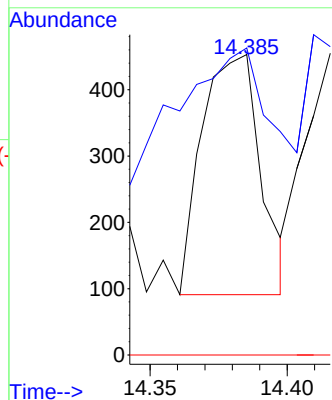
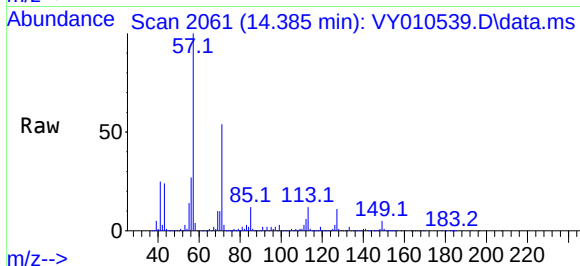




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 3.287 ug/l  
RT: 14.385 min Scan# 2056  
Delta R.T. 0.030 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

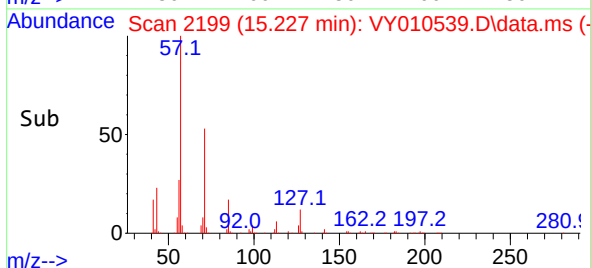
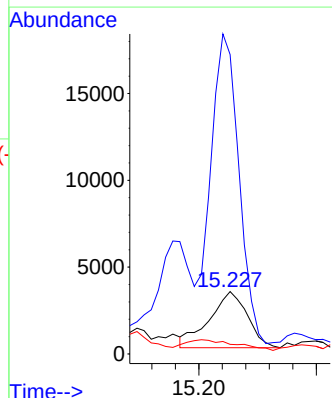
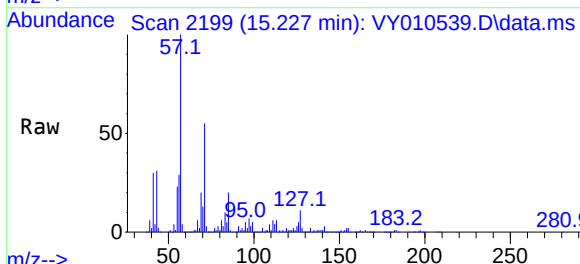
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-17-4-2

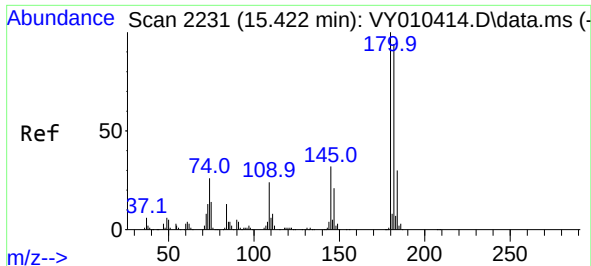
Tgt Ion: 75 Resp: 540  
Ion Ratio Lower Upper  
75 100  
155 84.1 38.0 113.9  
157 0.0 47.8 143.3#



#95  
Naphthalene  
Concen: 2.705 ug/l  
RT: 15.227 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: VY010539.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 128 Resp: 7266  
Ion Ratio Lower Upper  
128 100  
127 407.6 11.0 16.4#  
129 0.0 8.4 12.6#





#96

1,2,3-Trichlorobenzene

Concen: 1.885 ug/l

RT: 15.385 min Scan# 22

Delta R.T. -0.037 min

Lab File: VY010539.D

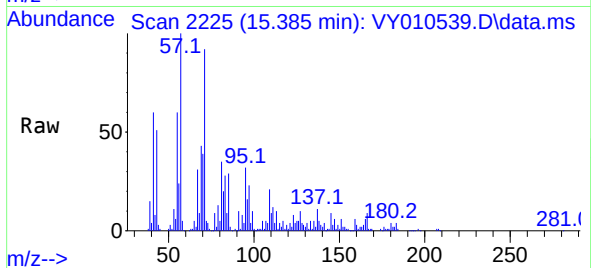
Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

WC-17-4-2



Tgt Ion:180 Resp: 2241

Ion Ratio Lower Upper

180 100

182 71.8 47.3 141.9

145 702.3 15.3 45.9#

