

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011722\  
 Data File : VY007192.D  
 Acq On : 17 Jan 2022 17:19  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 18 03:10:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 133542   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 227099   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 202801   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 91480    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 86311    | 52.674   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.340% |      |
| 35) Dibromofluoromethane    | 7.722  | 113   | 77520    | 50.482   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 100.960% |      |
| 50) Toluene-d8              | 10.185 | 98    | 282582   | 50.362   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 100.720% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 101226   | 50.716   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 101.440% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.918 | 85  | 22575  | 48.211  | ug/l   | 98  |
| 3) Chloromethane             | 2.113 | 50  | 41291  | 42.050  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.259 | 62  | 69336  | 48.515  | ug/l   | 99  |
| 5) Bromomethane              | 2.662 | 94  | 46857  | 50.633  | ug/l   | 99  |
| 6) Chloroethane              | 2.802 | 64  | 44008  | 49.352  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 69110  | 44.870  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.527 | 74  | 43870  | 51.724  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 72022  | 47.994  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.094 | 142 | 105148 | 47.374  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 37330  | 267.523 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 72346  | 47.876  | ug/l   | 99  |
| 13) Acrolein                 | 3.735 | 56  | 6993   | 205.421 | ug/l   | 99  |
| 14) Allyl chloride           | 4.478 | 41  | 122490 | 50.554  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.161 | 53  | 110738 | 271.664 | ug/l   | 98  |
| 16) Acetone                  | 3.942 | 43  | 102916 | 242.012 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.198 | 76  | 196942 | 46.931  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.472 | 43  | 75831  | 50.115  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 155516 | 52.276  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.716 | 84  | 79917  | 45.447  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 78501  | 47.918  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.118 | 45  | 250431 | 51.018  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.057 | 43  | 795295 | 275.502 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 147396 | 49.362  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 146779 | 266.963 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 104636 | 48.083  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 90880  | 48.903  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.332 | 49  | 65593  | 60.729  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 96381  | 272.702 | ug/l   | 97  |
| 30) Chloroform               | 7.508 | 83  | 157254 | 50.686  | ug/l   | 98  |
| 31) Cyclohexane              | 7.783 | 56  | 128510 | 46.390  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 131597 | 49.625  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 117993 | 48.110  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.076 | 43  | 68845  | 54.698  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 123790 | 47.986  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 141834 | 47.365  | ug/l   | 97  |
| 40) Benzene                  | 8.161 | 78  | 319197 | 48.791  | ug/l   | 99  |

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 Sample : VSTDCCC050  
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 93871    | 129.511  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 107557   | 52.209   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 130403   | 53.246   | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 83935    | 47.412   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 81878    | 49.216   | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 49102    | 49.910   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 121871   | 50.390   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 58810    | 52.794   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 12691    | 1196.412 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.081 | 43   | 199145   | 160.369  | ug/l   | 94       |
| 52) Toluene                   | 10.246 | 92   | 204396   | 49.290   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 134103   | 52.526   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 142164   | 49.745   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 67418    | 50.522   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 100768   | 53.602   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 120318   | 51.727   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 210107   | 245.786  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.837 | 43   | 232260   | 275.597  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.990 | 129  | 84393    | 51.446   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 66560    | 50.771   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 68066    | 46.564   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 214004   | 48.260   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 81224    | 49.413   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.599 | 91   | 401642   | 48.191   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 295461   | 95.396   | ug/l   | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 140120   | 48.040   | ug/l   | 96       |
| 70) Styrene                   | 12.044 | 104  | 246290   | 50.055   | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 48617    | 51.132   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 378185   | 47.864   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 118345   | 56.012   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 78364    | 51.004   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 107240   | 102.808  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 83003    | 48.279   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 466345   | 47.612   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.764 | 91   | 263344   | 48.357   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.818 | 105  | 309032   | 47.635   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 29819    | 52.334   | ug/l # | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 276435   | 48.661   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 271249   | 48.388   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 307866   | 47.876   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 399385   | 47.623   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 327492   | 47.519   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 162071   | 48.162   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.452 | 146  | 159786   | 47.221   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.702 | 91   | 322233   | 47.486   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 65704    | 48.765   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 143832   | 48.038   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 13285    | 50.064   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 82787    | 45.468   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 40922    | 43.609   | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 185356   | 47.930   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 70563    | 45.425   | ug/l   | 99       |

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Sample : VSTDCCC050  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

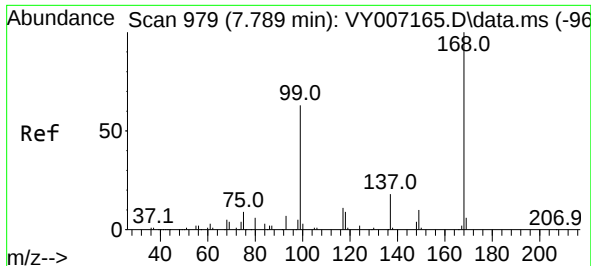
Quant Time: Jan 18 03:10:24 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:48:29 2022  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
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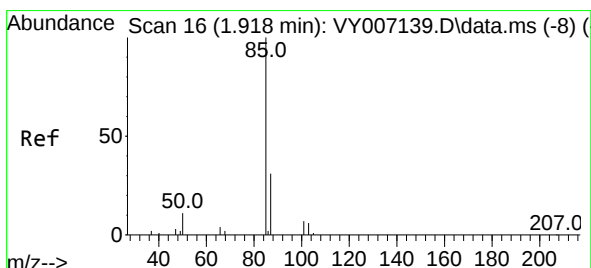
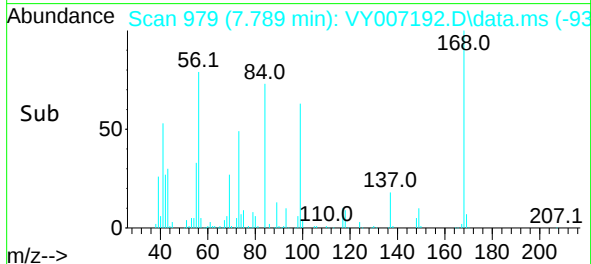
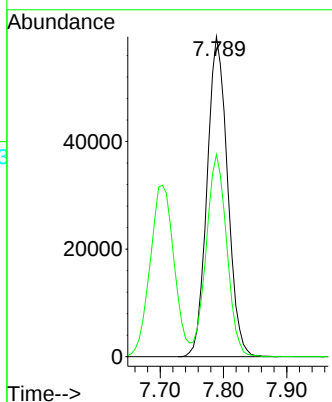
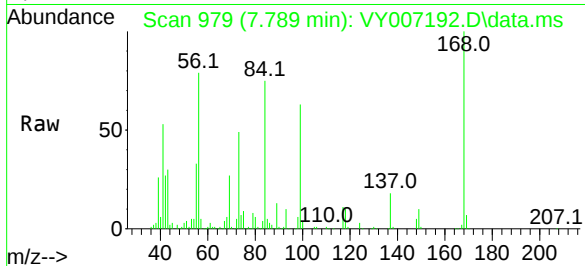




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

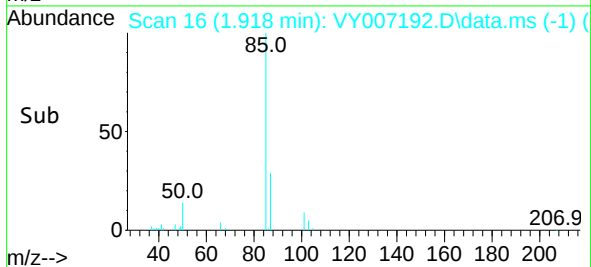
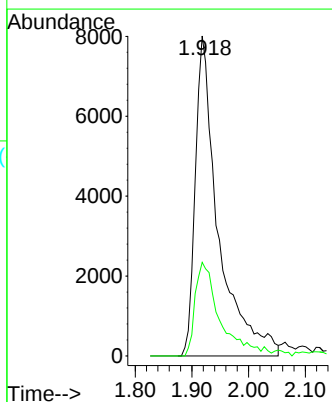
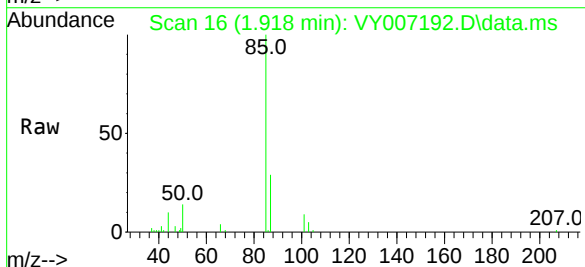
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

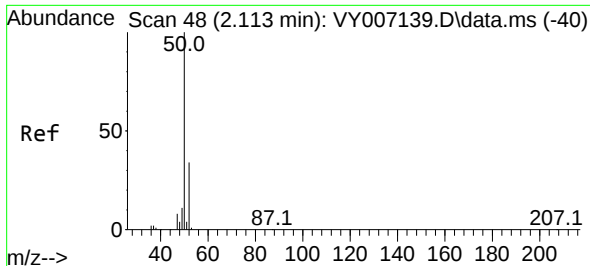
Tgt Ion:168 Resp: 133542  
Ion Ratio Lower Upper  
168 100  
99 63.1 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 48.211 ug/l  
RT: 1.918 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 85 Resp: 22575  
Ion Ratio Lower Upper  
85 100  
87 29.3 15.2 45.6

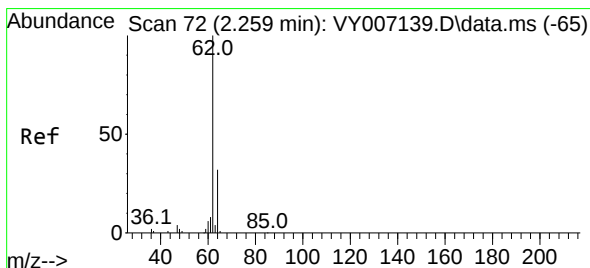
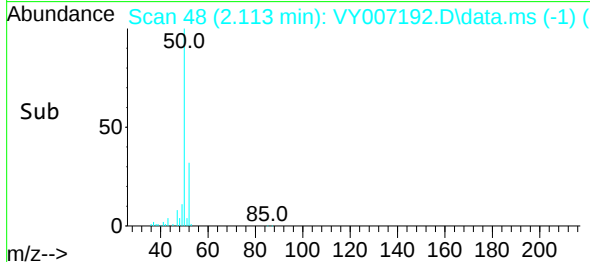
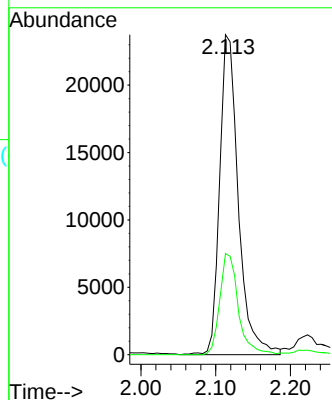
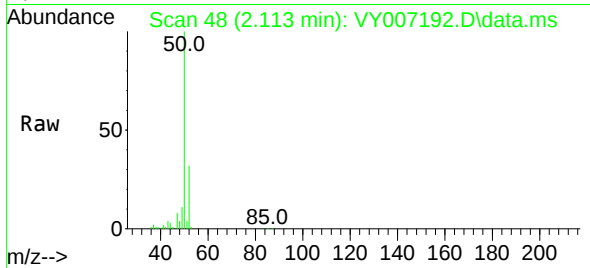




#3  
Chloromethane  
Concen: 42.050 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

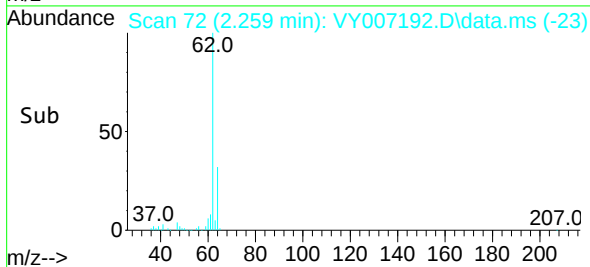
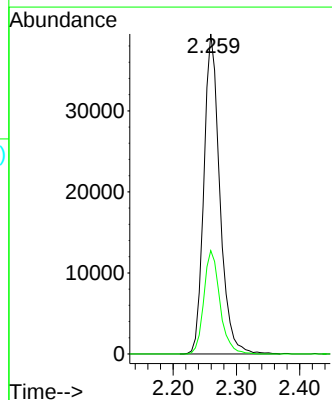
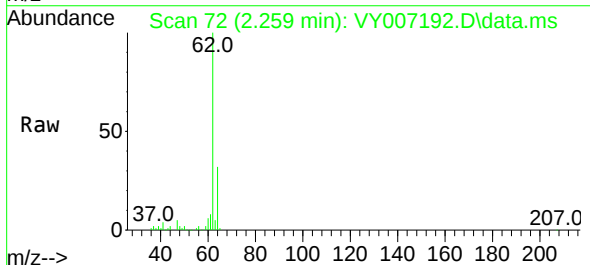
Instrument :  
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VSTDCCC050EC

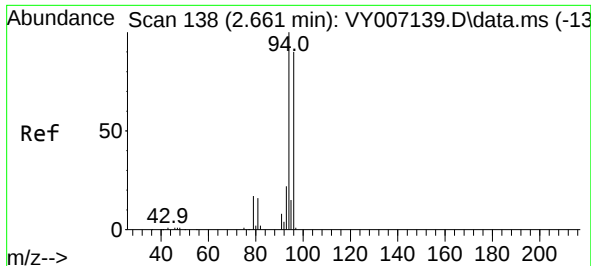
Tgt Ion: 50 Resp: 41291  
Ion Ratio Lower Upper  
50 100  
52 31.6 27.1 40.7



#4  
Vinyl Chloride  
Concen: 48.515 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 62 Resp: 69336  
Ion Ratio Lower Upper  
62 100  
64 32.3 26.1 39.1

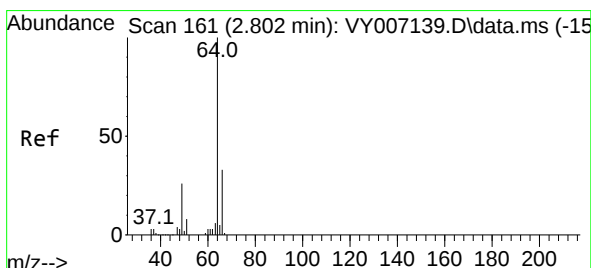
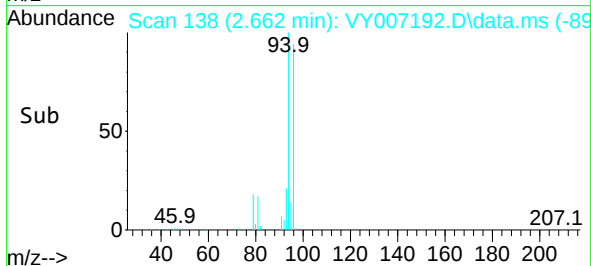
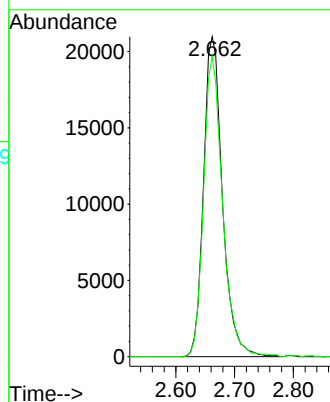
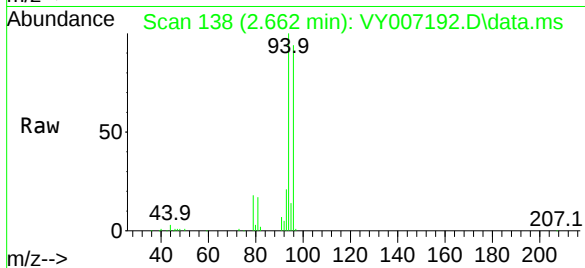




#5  
Bromomethane  
Concen: 50.633 ug/l  
RT: 2.662 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

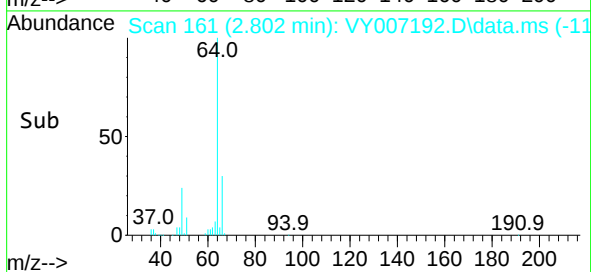
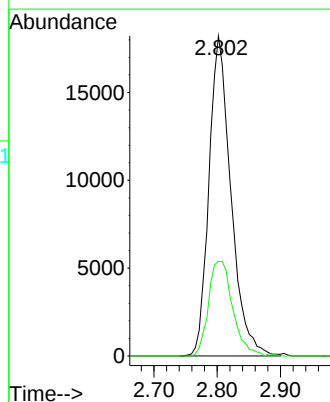
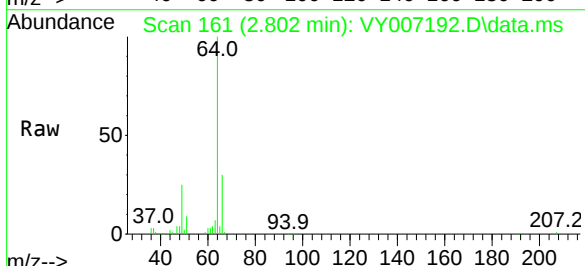
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

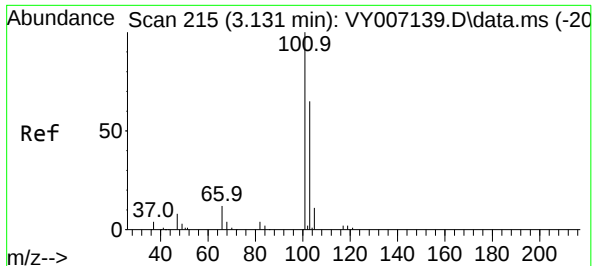
Tgt Ion: 94 Resp: 46857  
Ion Ratio Lower Upper  
94 100  
96 93.8 75.8 113.6



#6  
Chloroethane  
Concen: 49.352 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 64 Resp: 44008  
Ion Ratio Lower Upper  
64 100  
66 29.5 24.8 37.2

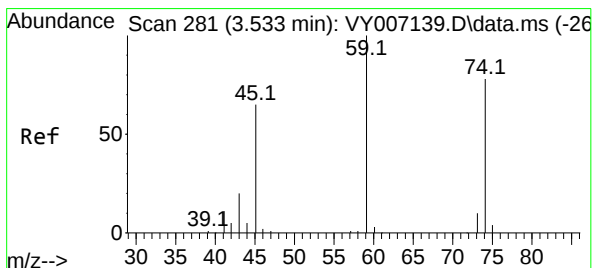
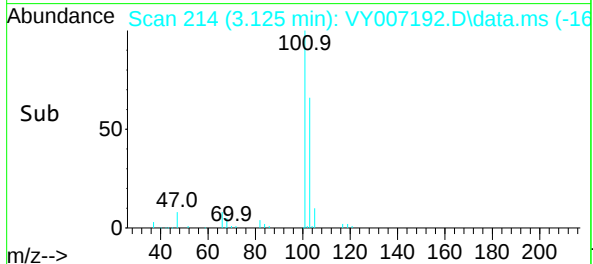
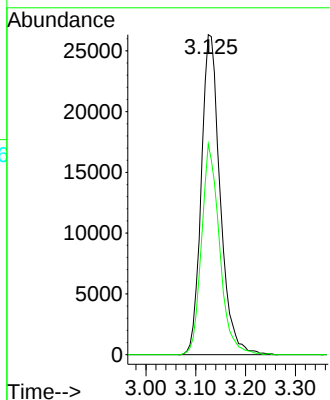
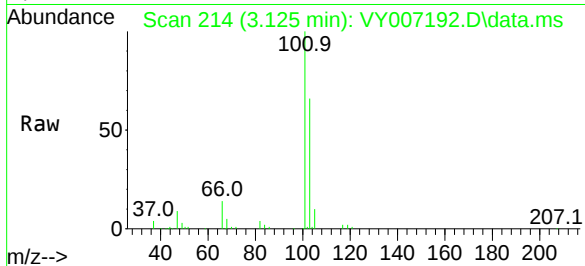




#7  
 Trichlorofluoromethane  
 Concen: 44.870 ug/l  
 RT: 3.125 min Scan# 215  
 Delta R.T. -0.006 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

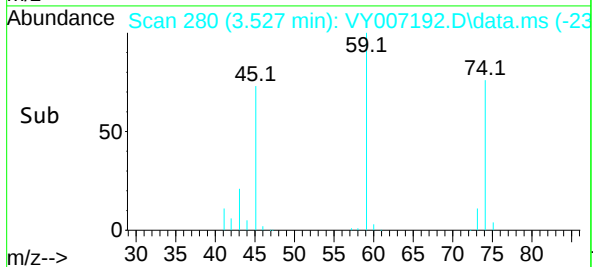
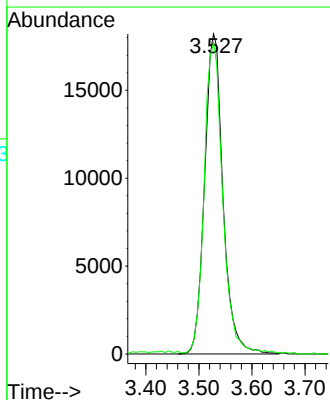
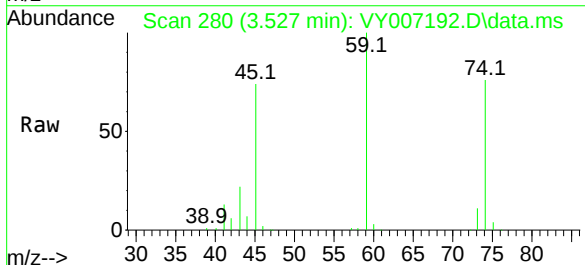
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

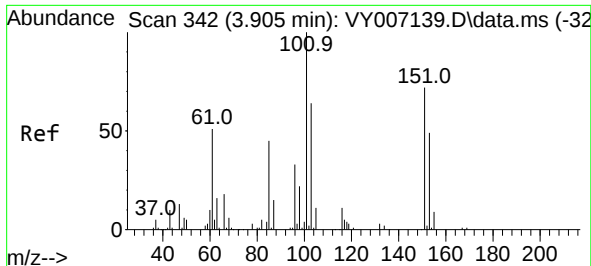
Tgt Ion:101 Resp: 69110  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 51.724 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. -0.006 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

Tgt Ion: 74 Resp: 43870  
 Ion Ratio Lower Upper  
 74 100  
 45 97.2 46.1 138.3

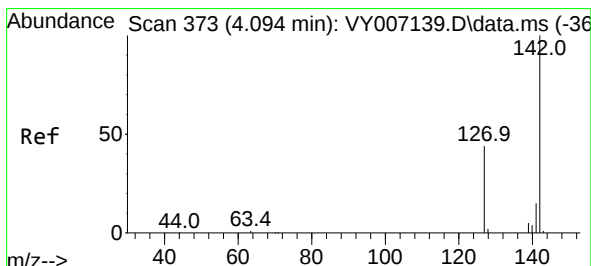
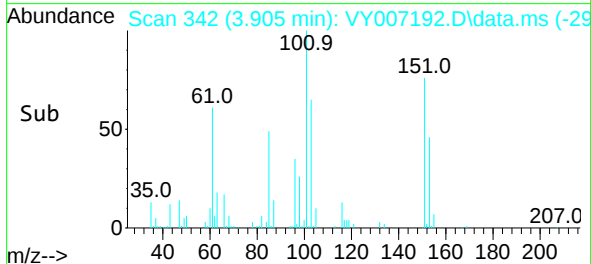
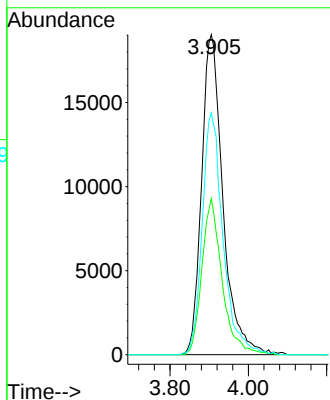
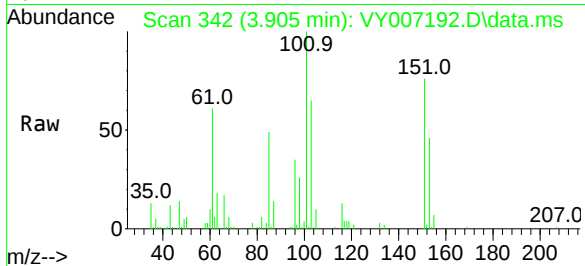




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.994 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

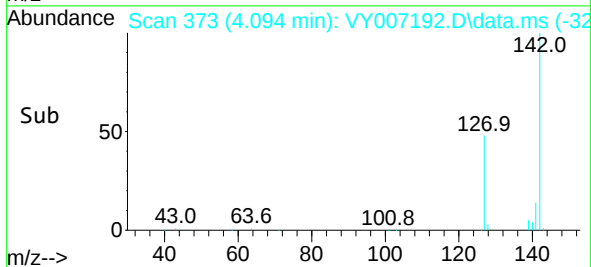
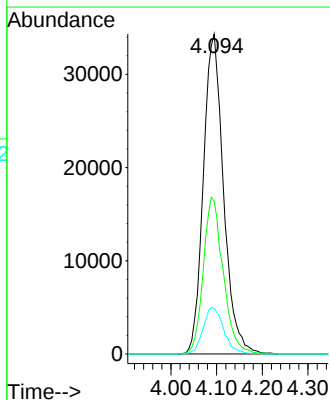
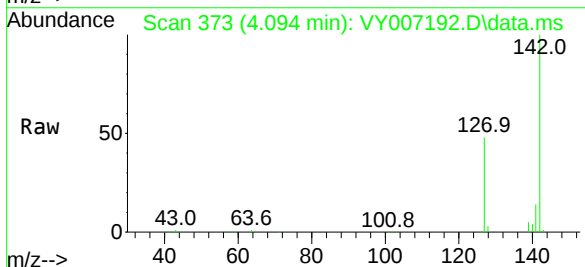
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

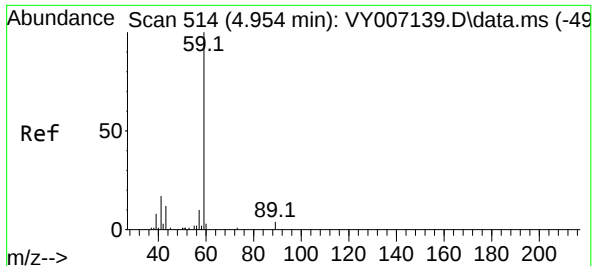
Tgt Ion:101 Resp: 72022  
Ion Ratio Lower Upper  
101 100  
85 46.2 35.4 53.0  
151 73.7 60.4 90.6



#10  
Methyl Iodide  
Concen: 47.374 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion:142 Resp: 105148  
Ion Ratio Lower Upper  
142 100  
127 48.3 36.2 54.4  
141 14.9 11.5 17.3





#11

Tert butyl alcohol

Concen: 267.523 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

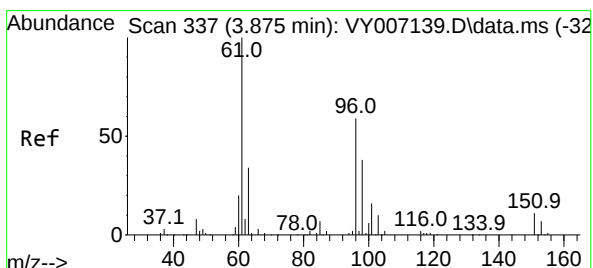
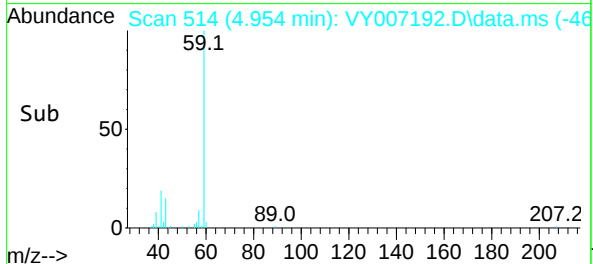
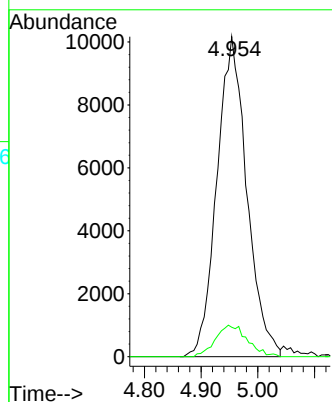
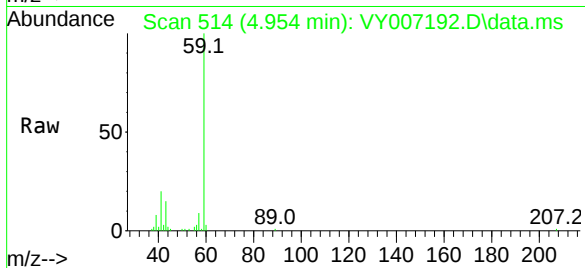
VSTDCCC050EC

Tgt Ion: 59 Resp: 37330

Ion Ratio Lower Upper

59 100

57 10.5 8.1 12.1



#12

1,1-Dichloroethene

Concen: 47.876 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

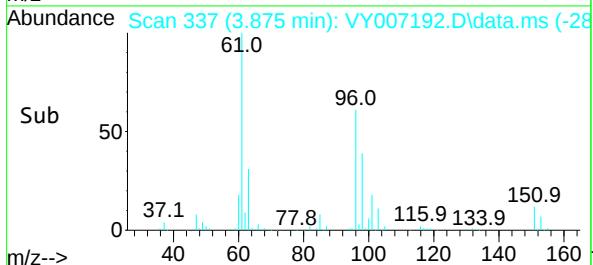
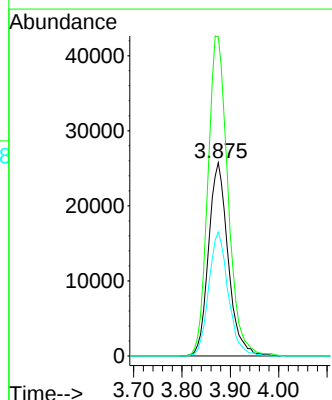
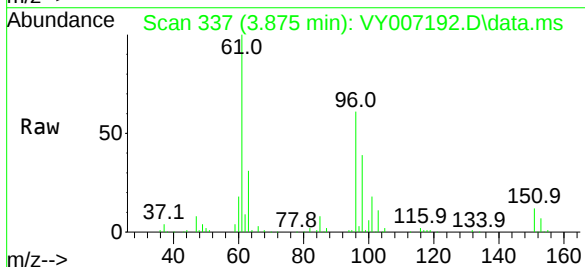
Tgt Ion: 96 Resp: 72346

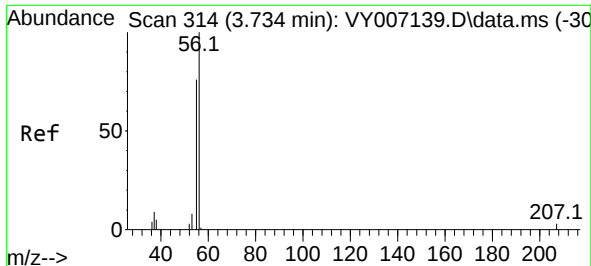
Ion Ratio Lower Upper

96 100

61 165.2 131.9 197.9

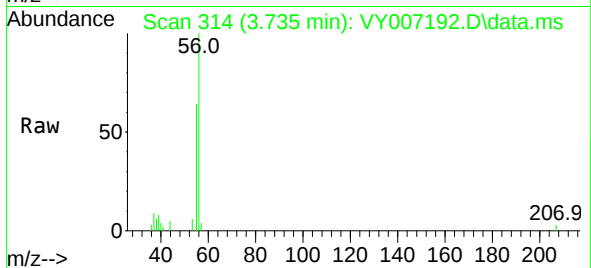
98 64.2 52.7 79.1



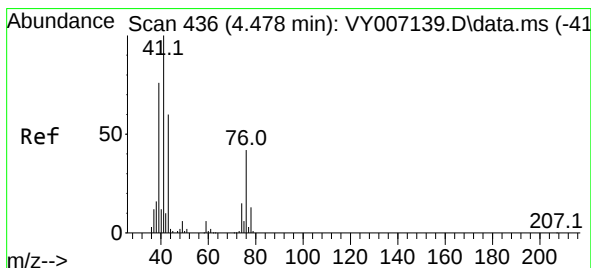
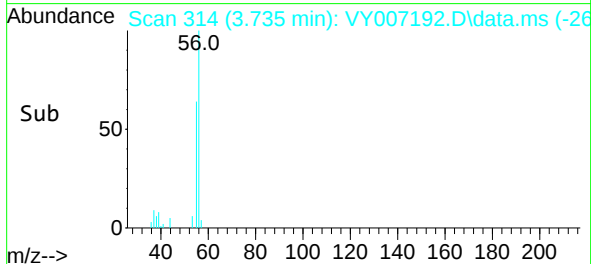
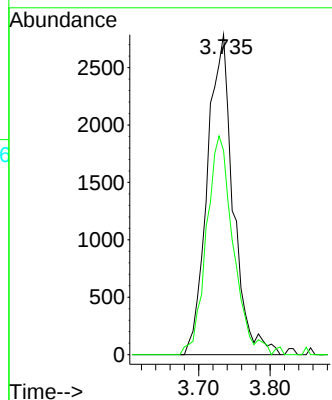


#13  
Acrolein  
Concen: 205.421 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. 0.001 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

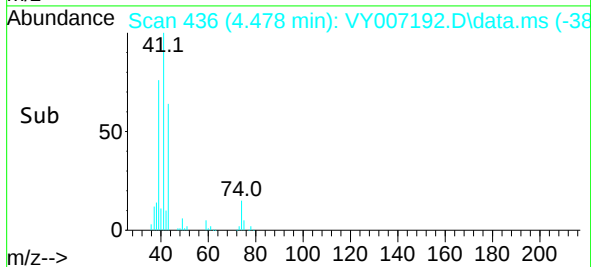
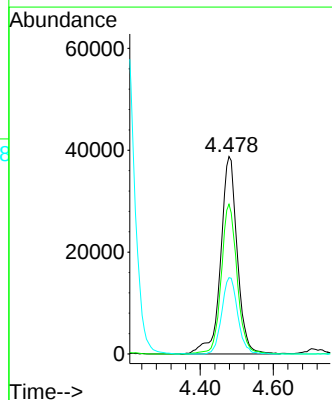
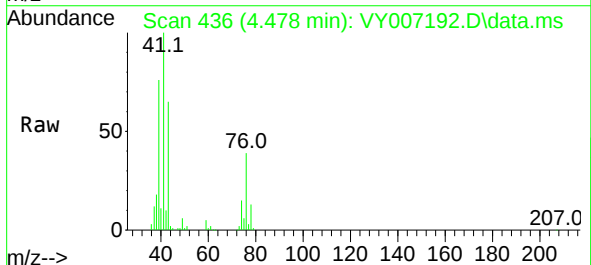


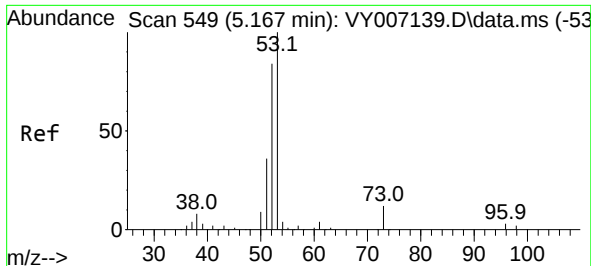
Tgt Ion: 56 Resp: 6993  
Ion Ratio Lower Upper  
56 100  
55 70.8 55.7 83.5



#14  
Allyl chloride  
Concen: 50.554 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 41 Resp: 122490  
Ion Ratio Lower Upper  
41 100  
39 72.4 56.1 84.1  
76 37.2 31.4 47.2

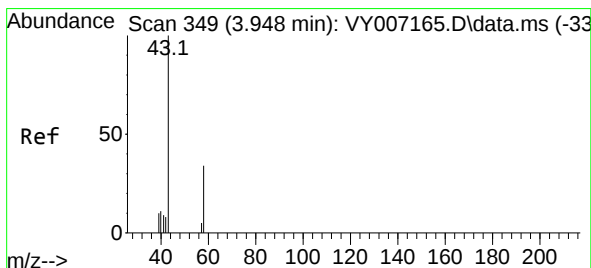
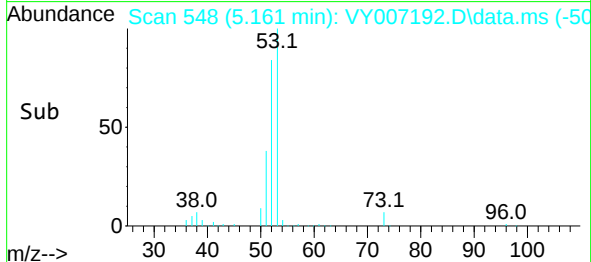
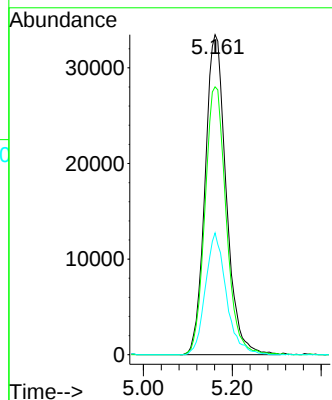
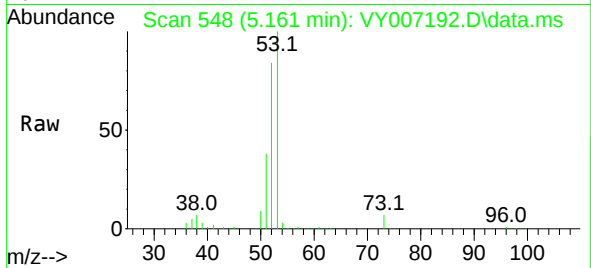




#15  
Acrylonitrile  
Concen: 271.664 ug/l  
RT: 5.161 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

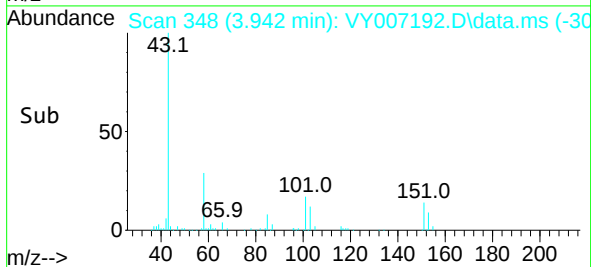
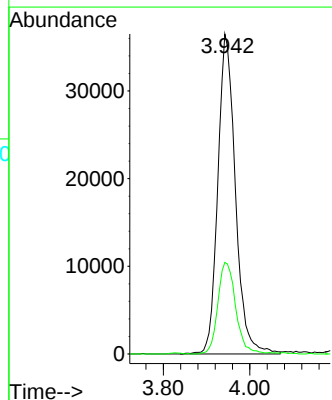
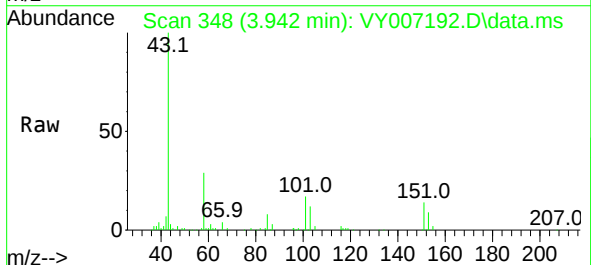
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

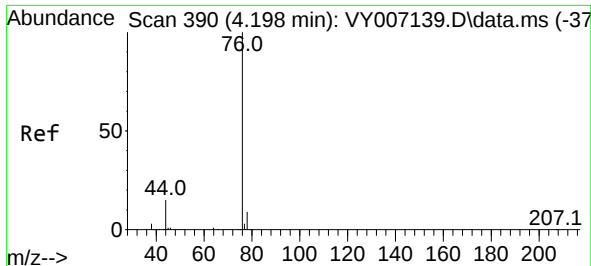
Tgt Ion: 53 Resp: 110738  
Ion Ratio Lower Upper  
53 100  
52 84.1 65.4 98.2  
51 37.6 29.4 44.2



#16  
Acetone  
Concen: 242.012 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 43 Resp: 102916  
Ion Ratio Lower Upper  
43 100  
58 28.4 23.8 35.6

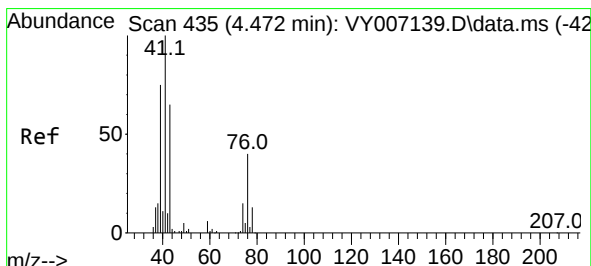
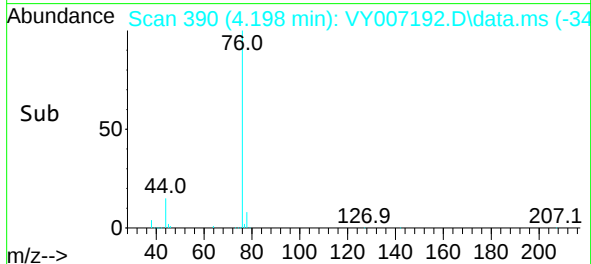
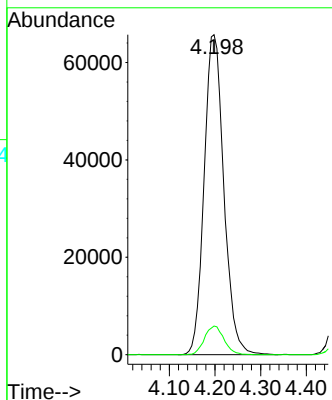
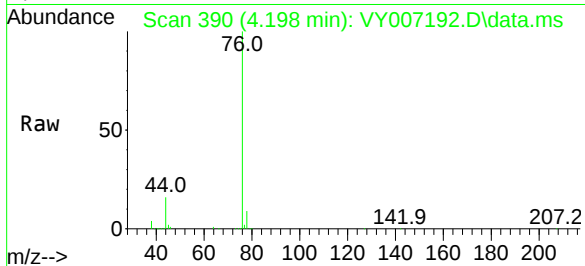




#17  
Carbon Disulfide  
Concen: 46.931 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

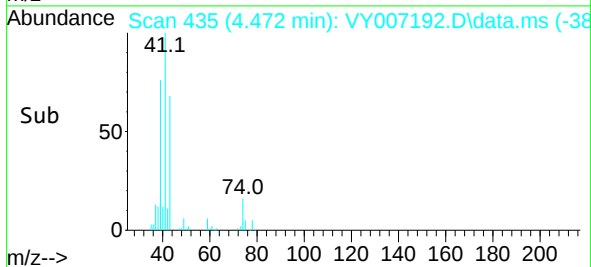
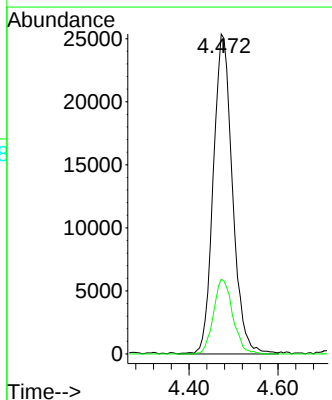
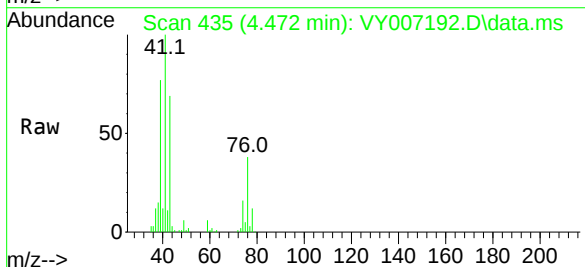
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 196942  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 50.115 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 43 Resp: 75831  
Ion Ratio Lower Upper  
43 100  
74 23.5 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 52.276 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

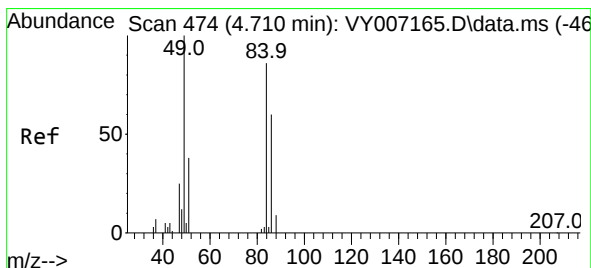
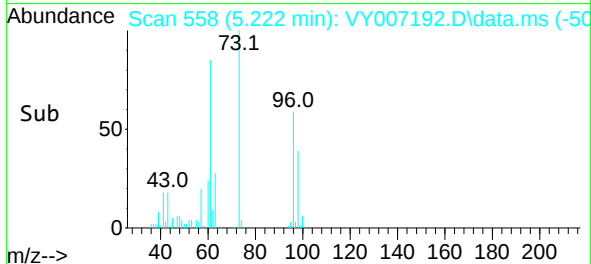
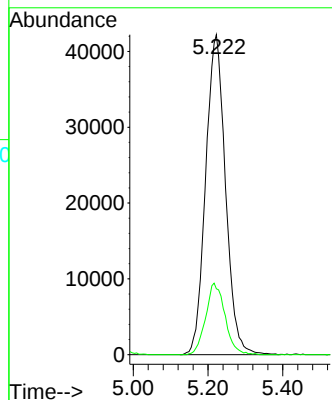
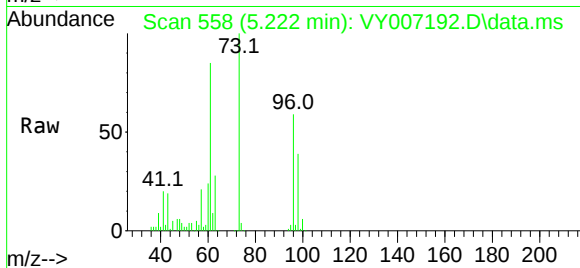
VSTDCCC050EC

Tgt Ion: 73 Resp: 155516

Ion Ratio Lower Upper

73 100

57 20.6 17.4 26.2



#20

Methylene Chloride

Concen: 45.447 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Tgt Ion: 84 Resp: 79917

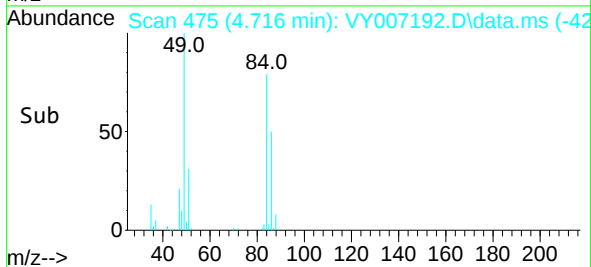
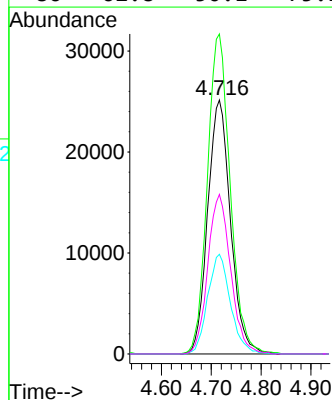
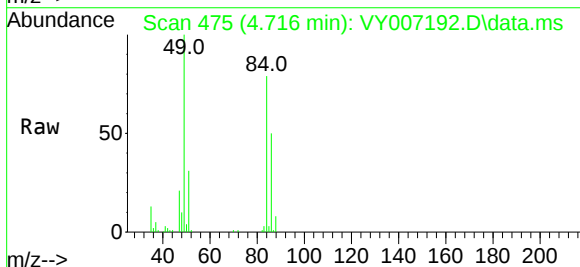
Ion Ratio Lower Upper

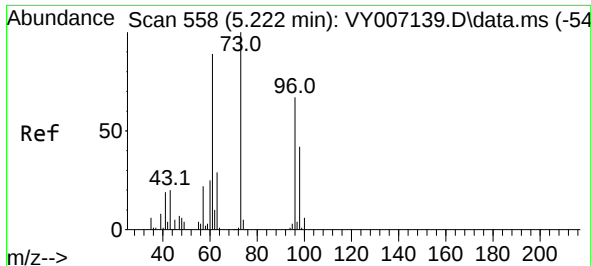
84 100

49 126.0 92.6 139.0

51 39.3 28.6 42.8

86 62.8 50.1 75.1

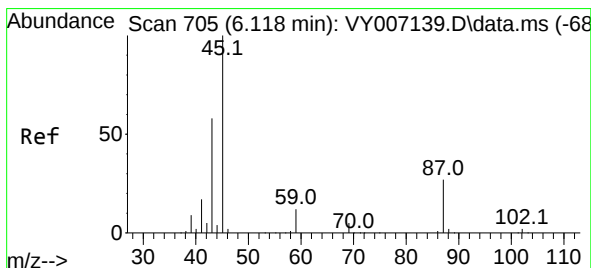
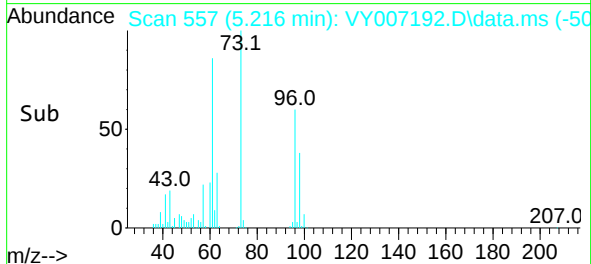
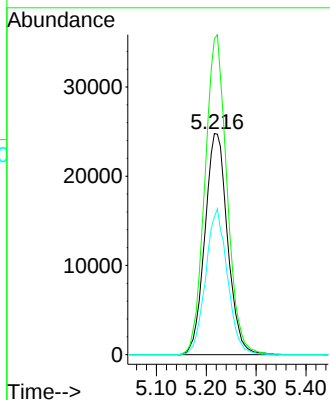
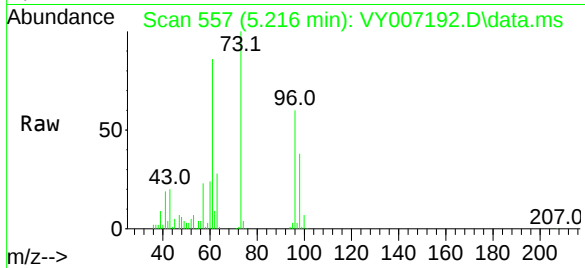




#21  
trans-1,2-Dichloroethene  
Concen: 47.918 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

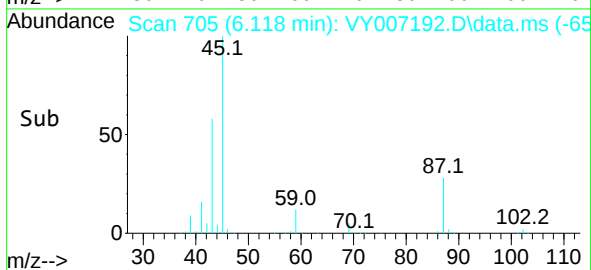
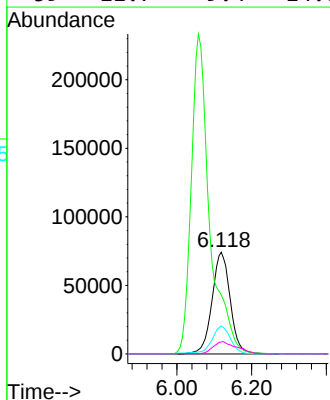
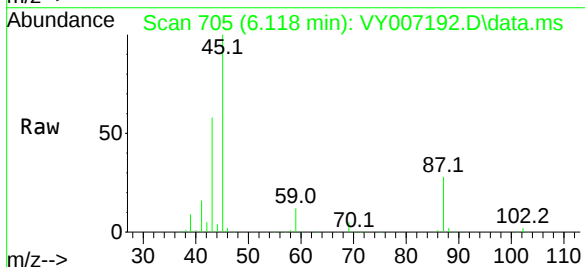
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

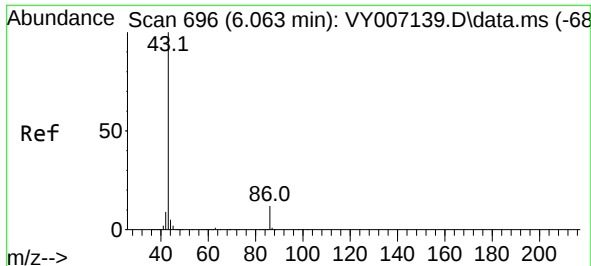
Tgt Ion: 96 Resp: 78501  
Ion Ratio Lower Upper  
96 100  
61 142.9 107.3 160.9  
98 62.1 52.4 78.6



#22  
Diisopropyl ether  
Concen: 51.018 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 45 Resp: 250431  
Ion Ratio Lower Upper  
45 100  
43 57.8 45.6 68.4  
87 27.5 22.2 33.2  
59 11.7 9.4 14.0

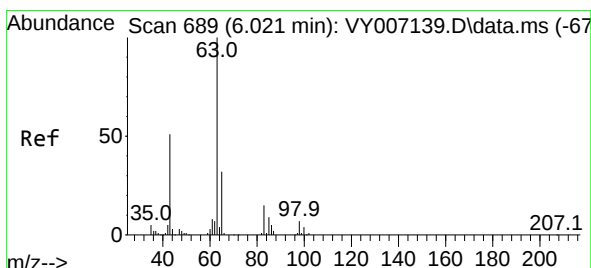
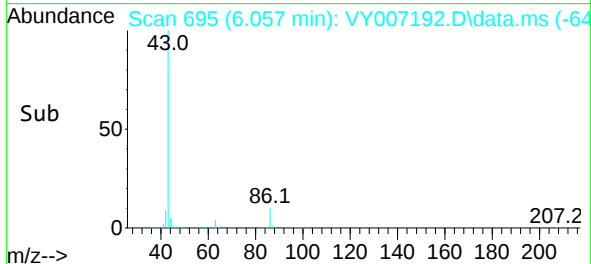
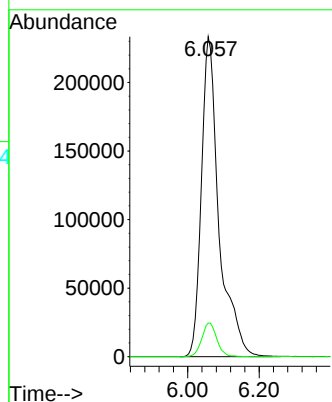
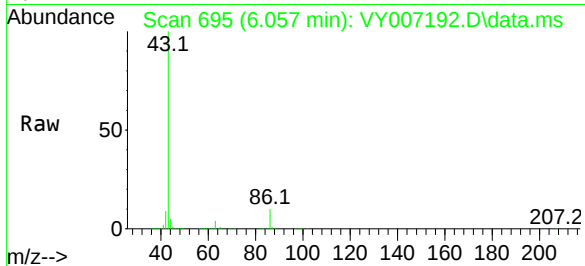




#23  
 Vinyl Acetate  
 Concen: 275.502 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. -0.006 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

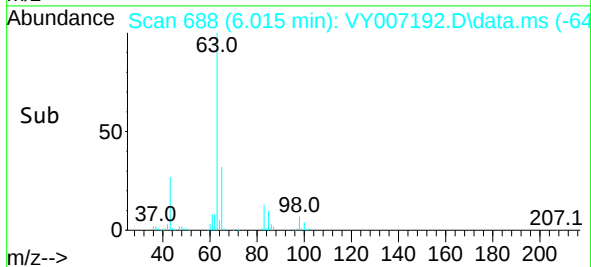
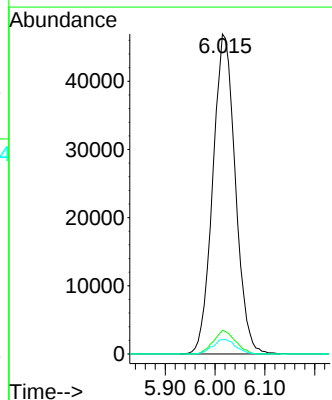
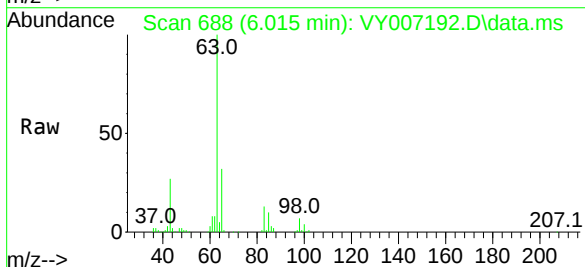
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 795295  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 49.362 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

Tgt Ion: 63 Resp: 147396  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.6  
 100 4.5 2.1 6.2

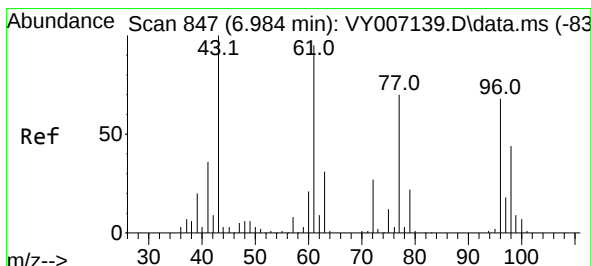
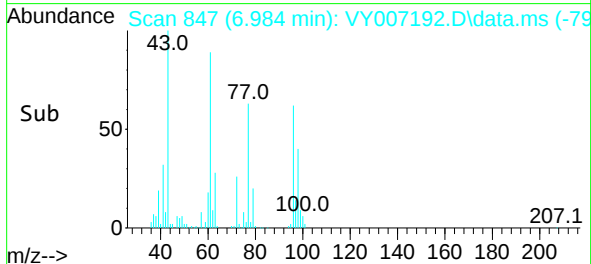
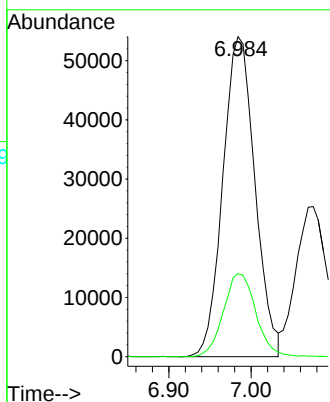
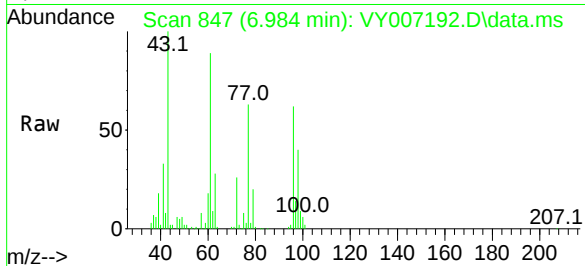




#25  
2-Butanone  
Concen: 266.963 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

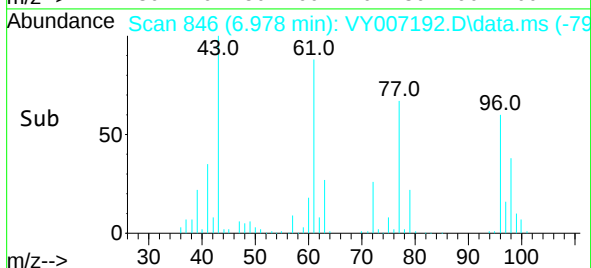
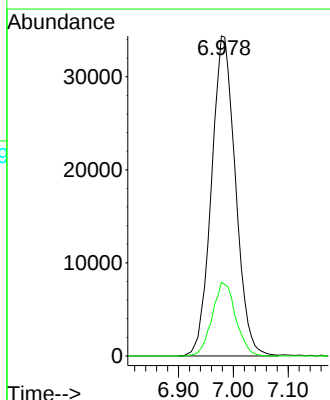
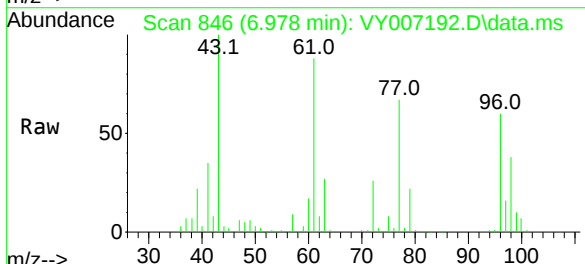
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 146779  
Ion Ratio Lower Upper  
43 100  
72 26.0 21.9 32.9



#26  
2,2-Dichloropropane  
Concen: 48.083 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 77 Resp: 104636  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.3 33.8



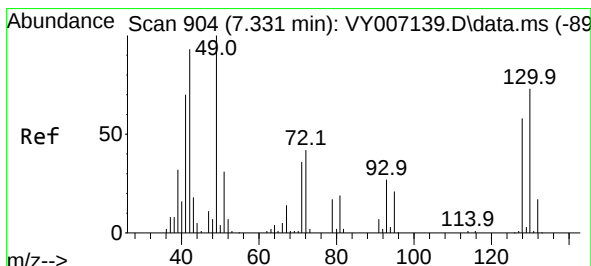
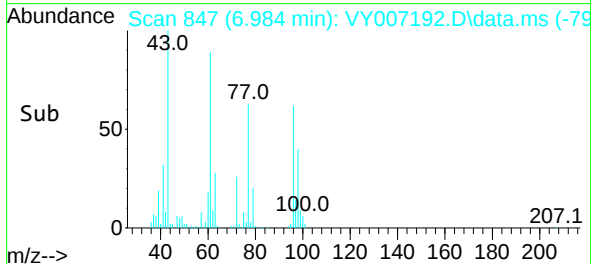
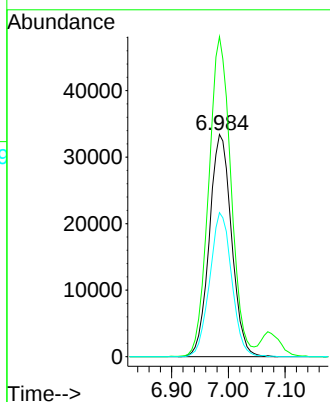
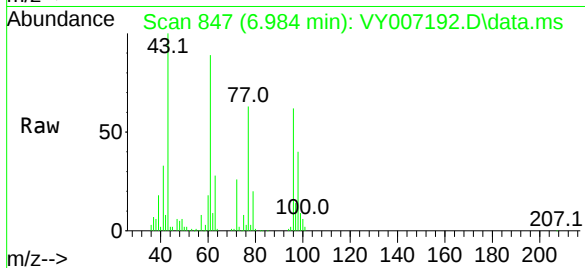


#27  
 cis-1,2-Dichloroethene  
 Concen: 48.903 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 90880  

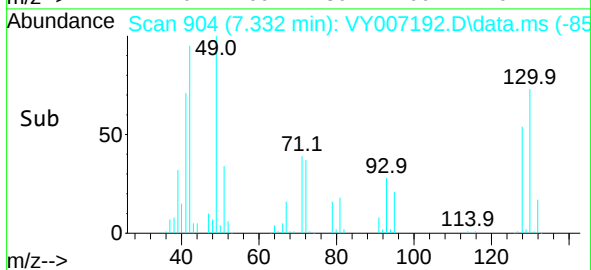
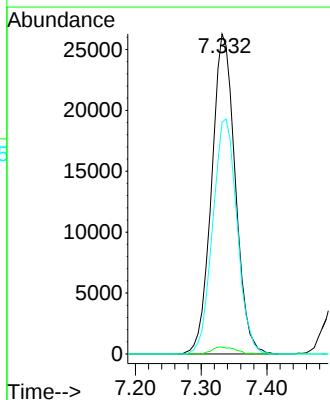
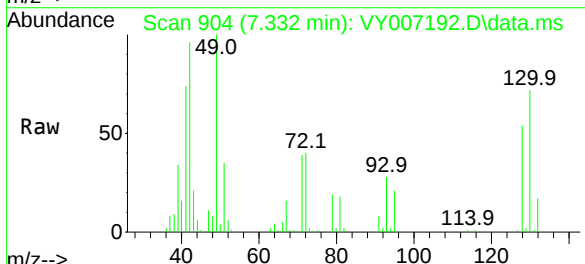
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.2 | 0.0   | 276.8 |
| 98  | 64.3  | 0.0   | 127.8 |

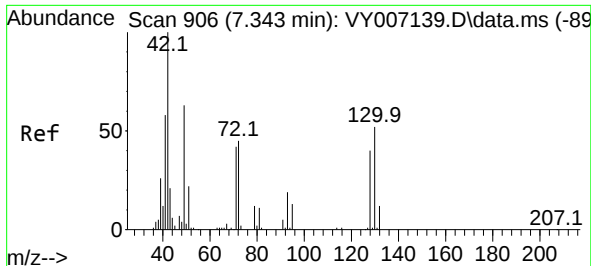


#28  
 Bromochloromethane  
 Concen: 60.729 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. 0.000 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

Tgt Ion: 49 Resp: 65593  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.6   |
| 130 | 75.7  | 65.0  | 97.4  |





#29

Tetrahydrofuran

Concen: 272.702 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

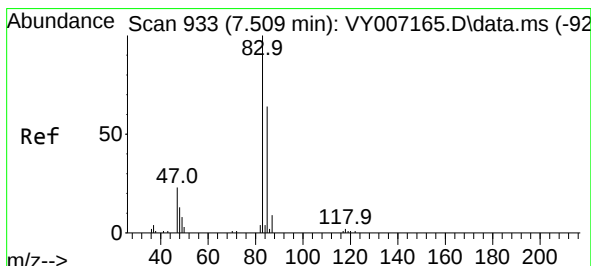
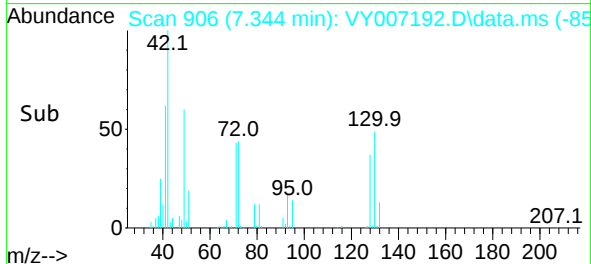
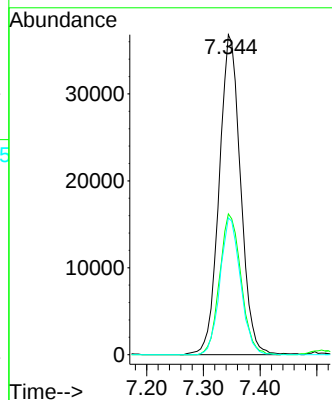
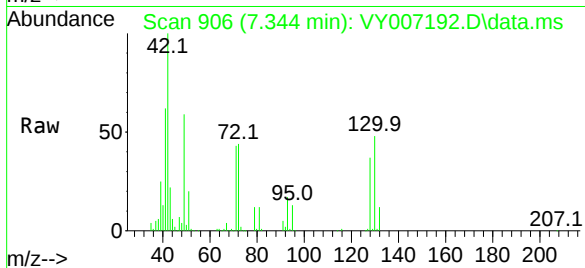
Tgt Ion: 42 Resp: 96381

Ion Ratio Lower Upper

42 100

72 43.9 36.6 54.8

71 40.9 34.1 51.1



#30

Chloroform

Concen: 50.686 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007192.D

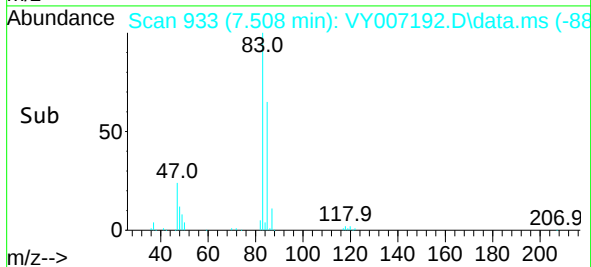
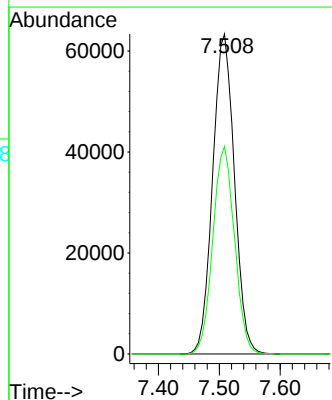
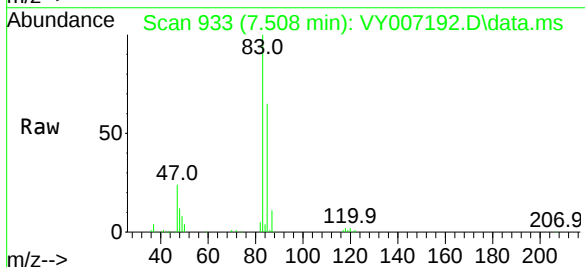
Acq: 17 Jan 2022 17:19

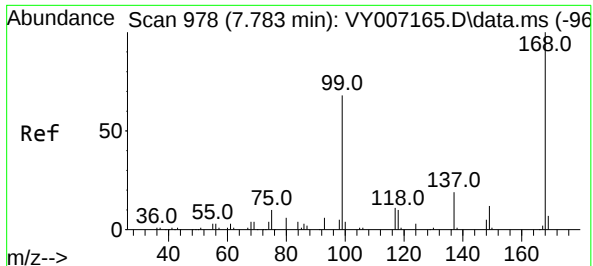
Tgt Ion: 83 Resp: 157254

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3





#31

Cyclohexane

Concen: 46.390 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

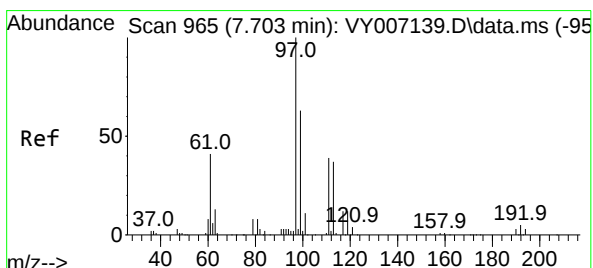
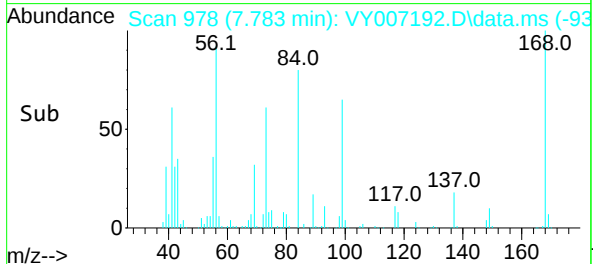
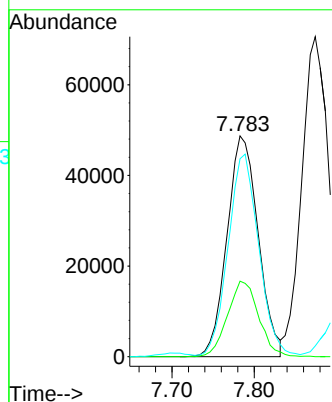
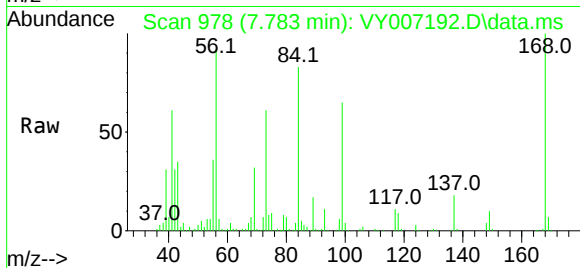
Tgt Ion: 56 Resp: 128510

Ion Ratio Lower Upper

56 100

69 34.2 27.2 40.8

84 88.0 72.1 108.1



#32

1,1,1-Trichloroethane

Concen: 49.625 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

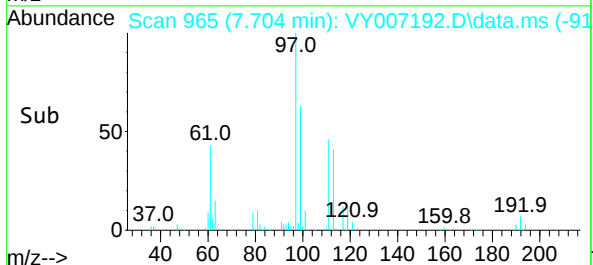
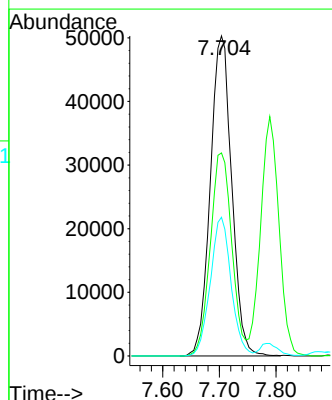
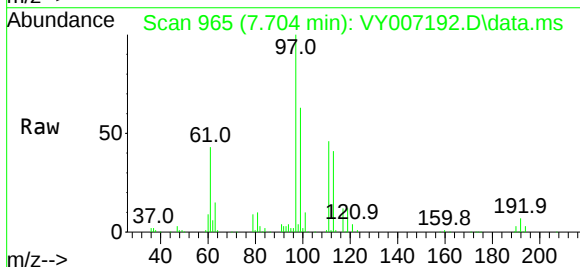
Tgt Ion: 97 Resp: 131597

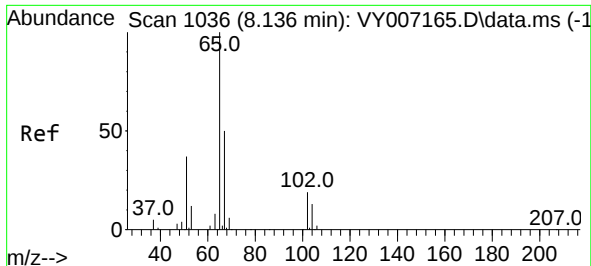
Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 42.2 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 52.674 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

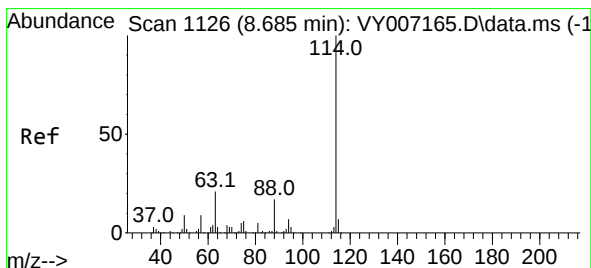
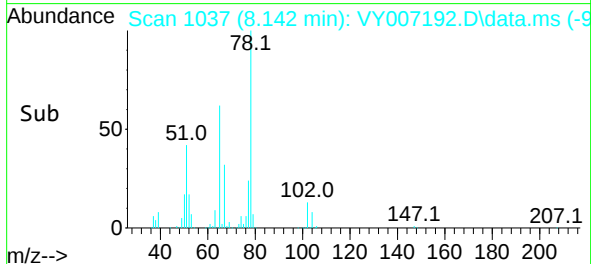
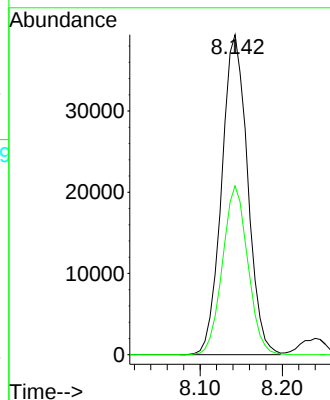
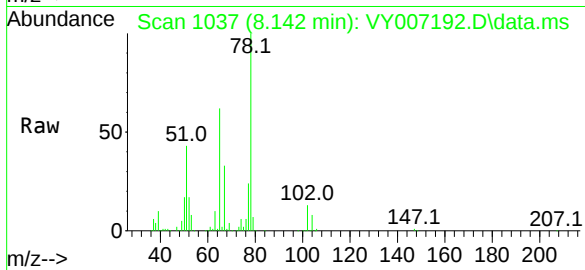
VSTDCCC050EC

Tgt Ion: 65 Resp: 86311

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

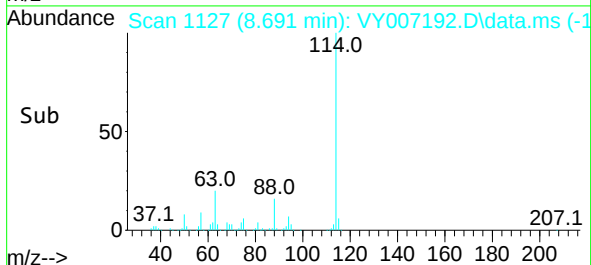
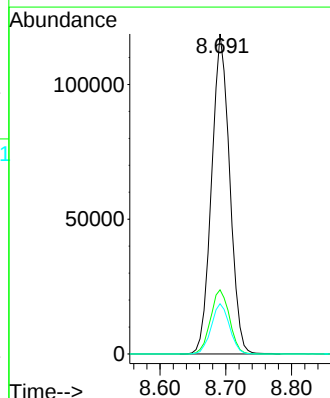
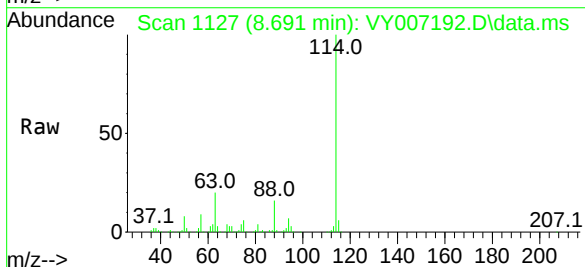
Tgt Ion: 114 Resp: 227099

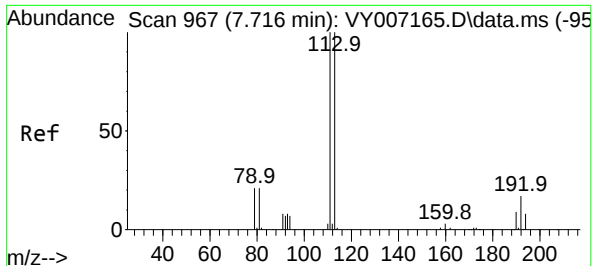
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.7 0.0 31.0

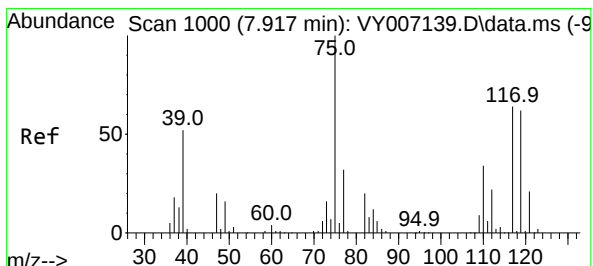
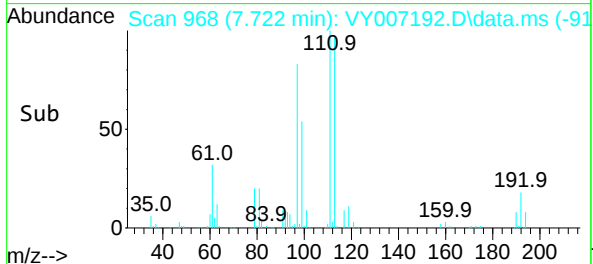
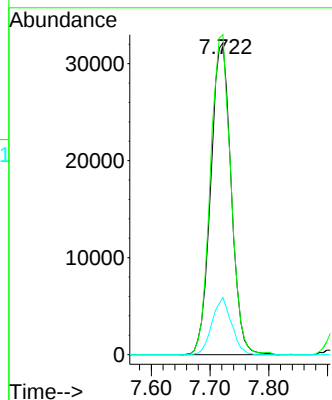
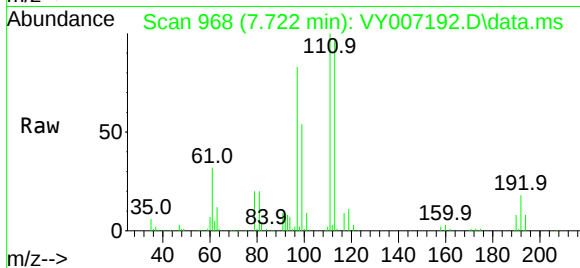




#35  
Dibromofluoromethane  
Concen: 50.482 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

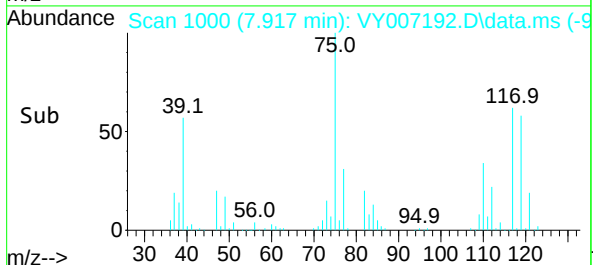
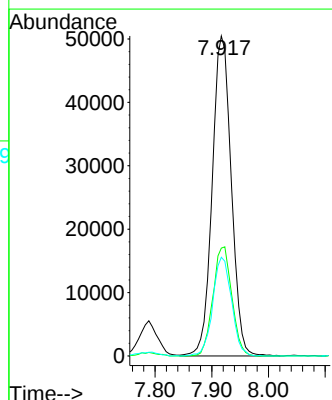
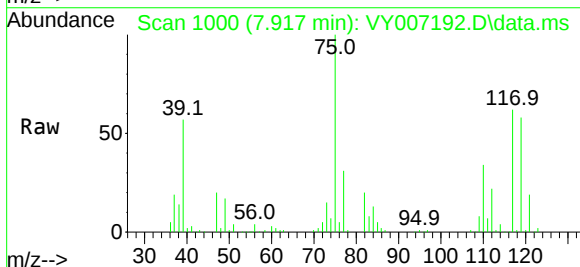
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

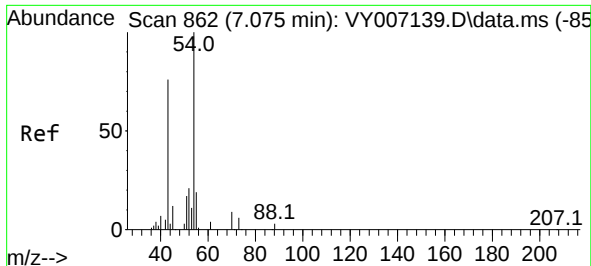
Tgt Ion:113 Resp: 77520  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.4  
192 17.4 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 48.110 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 75 Resp: 117993  
Ion Ratio Lower Upper  
75 100  
110 33.7 17.3 51.9  
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 54.698 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

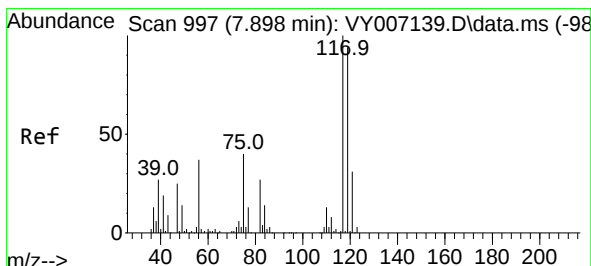
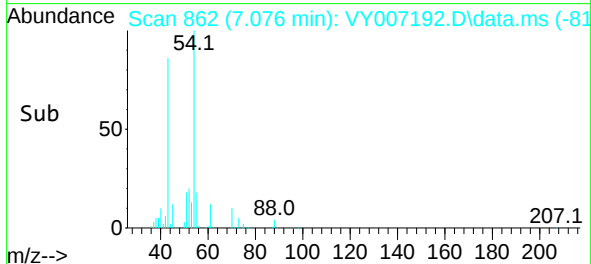
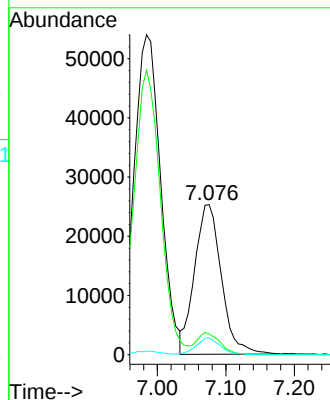
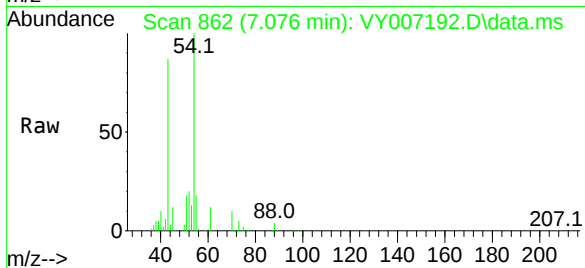
Tgt Ion: 43 Resp: 68845

Ion Ratio Lower Upper

43 100

61 13.1 11.8 17.8

70 10.1 9.0 13.4



#38

Carbon Tetrachloride

Concen: 47.986 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

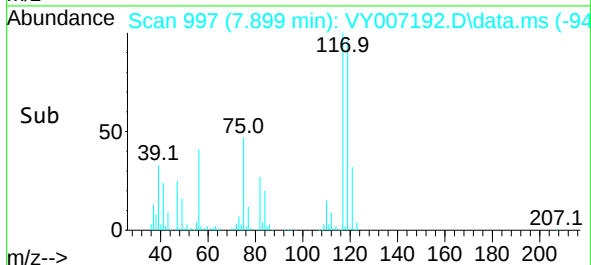
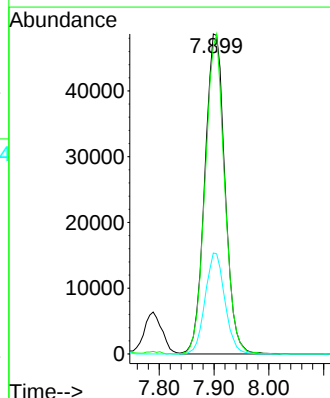
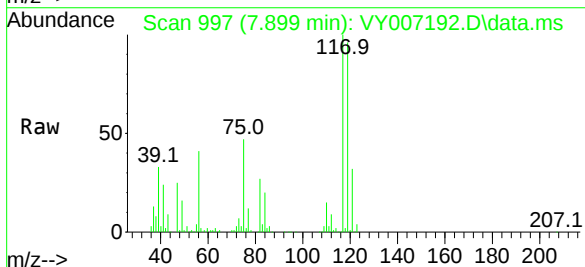
Tgt Ion: 117 Resp: 123790

Ion Ratio Lower Upper

117 100

119 96.1 77.2 115.8

121 31.5 24.2 36.2

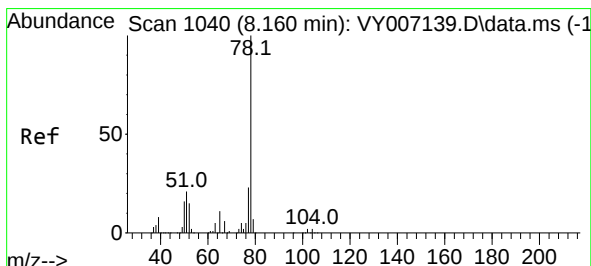
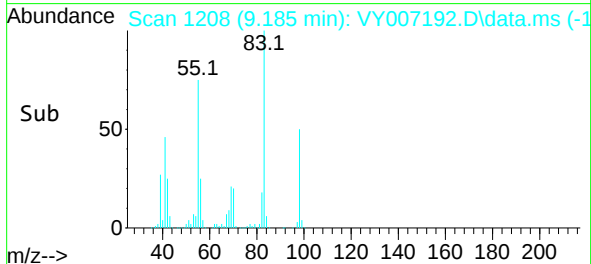
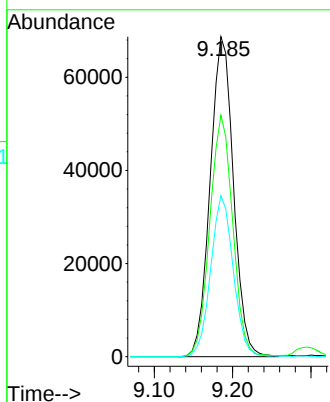
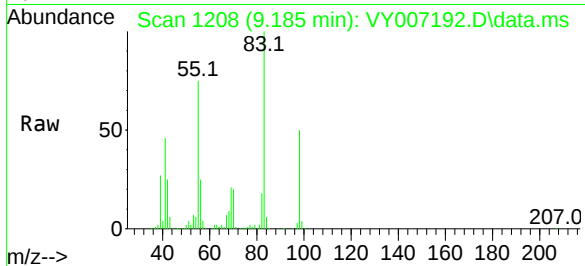




#39  
Methylcyclohexane  
Concen: 47.365 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

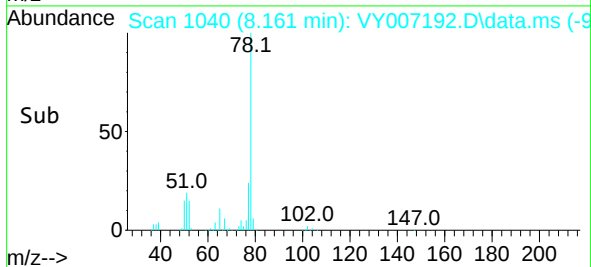
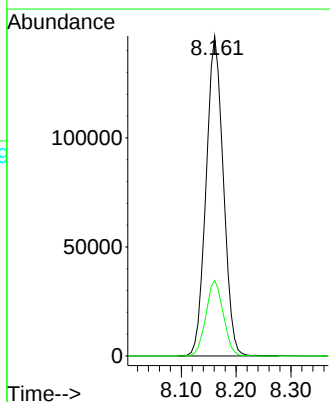
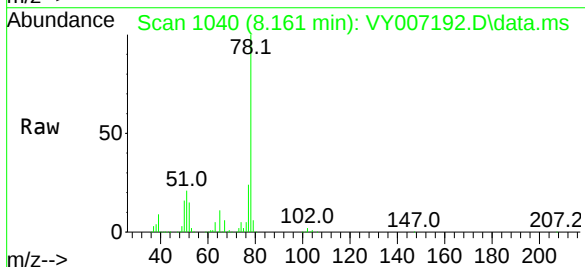
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

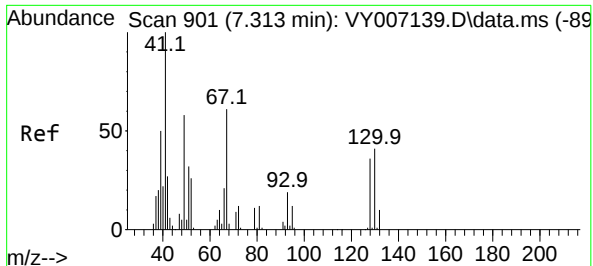
Tgt Ion: 83 Resp: 141834  
Ion Ratio Lower Upper  
83 100  
55 75.4 58.8 88.2  
98 50.3 38.7 58.1



#40  
Benzene  
Concen: 48.791 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 78 Resp: 319197  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.6 27.8

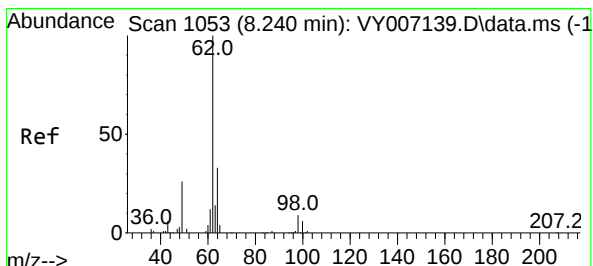
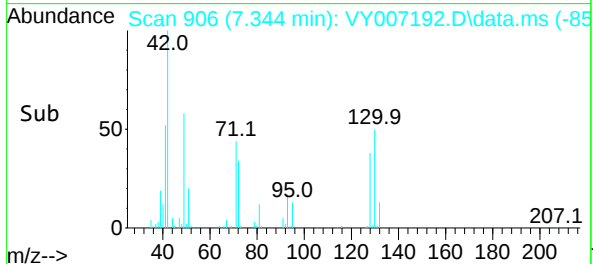
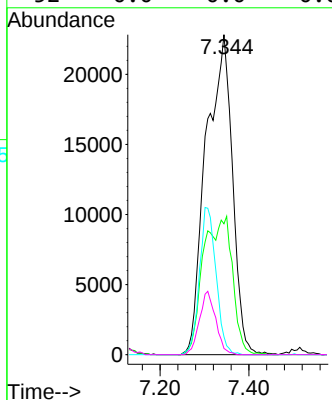
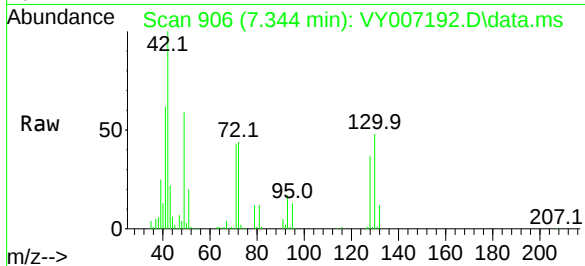




#41  
Methacrylonitrile  
Concen: 129.511 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.031 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

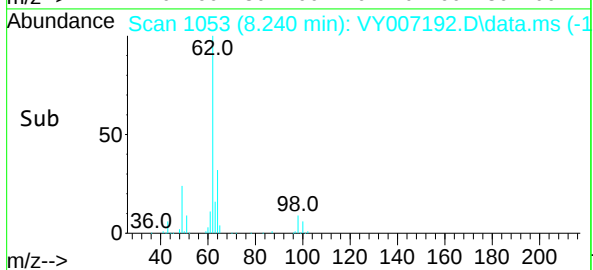
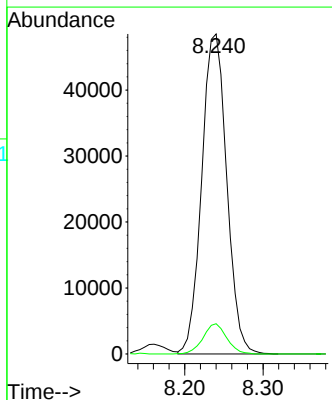
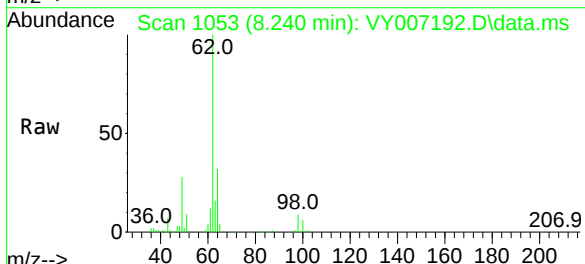
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 93871 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 0.0      | 0.0 0.0     |
| 67 0.0      | 0.0 0.0     |
| 52 0.0      | 0.0 0.0     |



#42  
1,2-Dichloroethane  
Concen: 52.209 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 107557 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 8.9      | 0.0 19.2     |

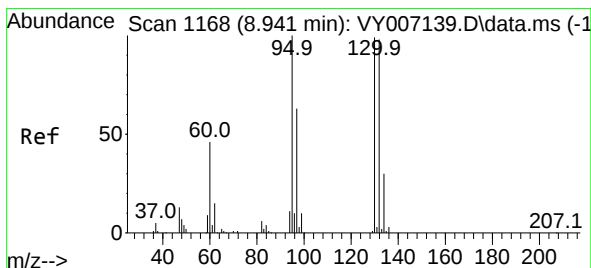
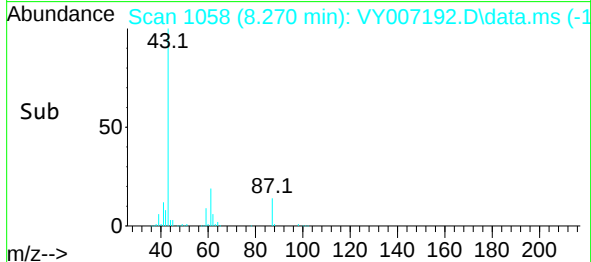
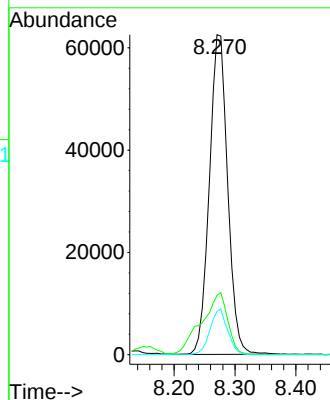
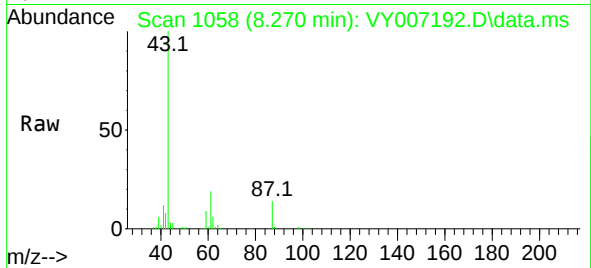




#43  
Isopropyl Acetate  
Concen: 53.246 ug/l  
RT: 8.270 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

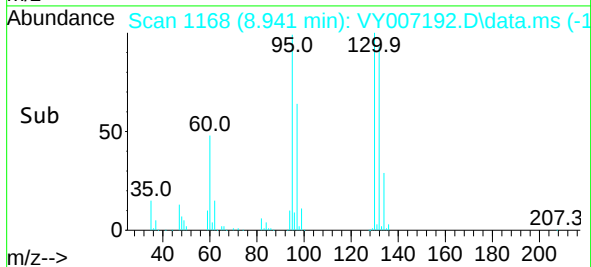
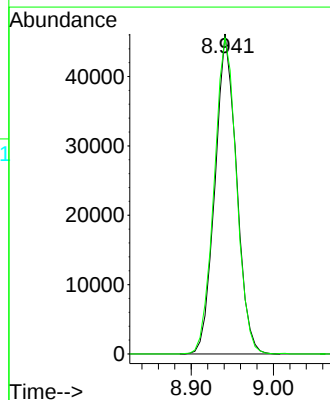
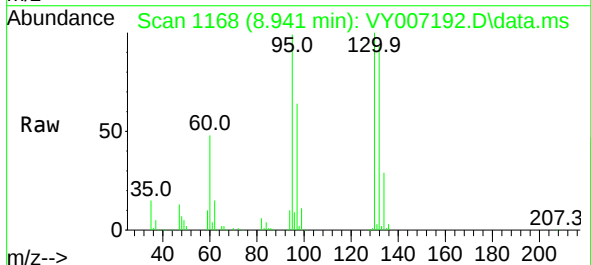
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

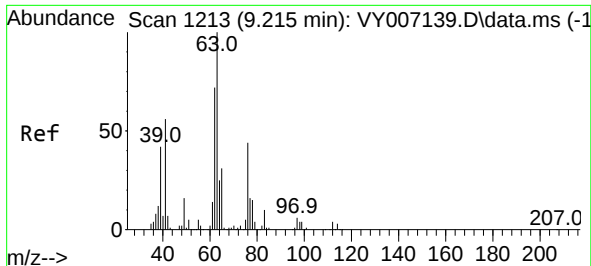
Tgt Ion: 43 Resp: 130403  
Ion Ratio Lower Upper  
43 100  
61 27.9 23.8 35.8  
87 13.7 11.6 17.4



#44  
Trichloroethene  
Concen: 47.412 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion:130 Resp: 83935  
Ion Ratio Lower Upper  
130 100  
95 98.7 0.0 196.6





#45

1,2-Dichloropropane

Concen: 49.216 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

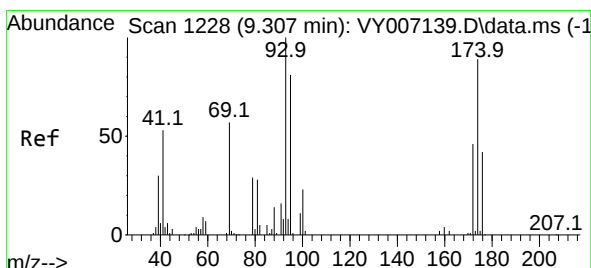
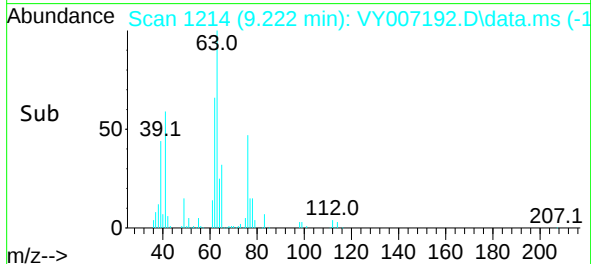
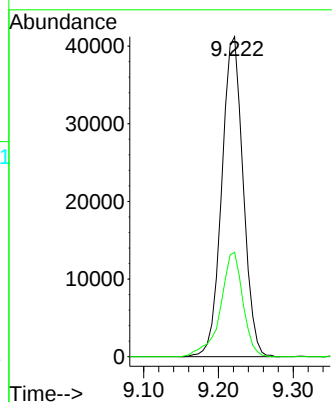
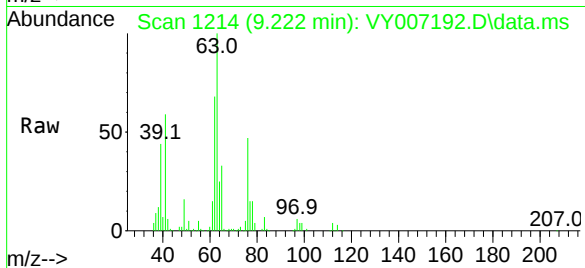
VSTDCCC050EC

Tgt Ion: 63 Resp: 81878

Ion Ratio Lower Upper

63 100

65 32.6 26.9 40.3



#46

Dibromomethane

Concen: 49.910 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

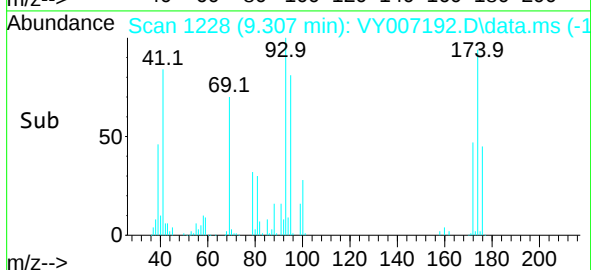
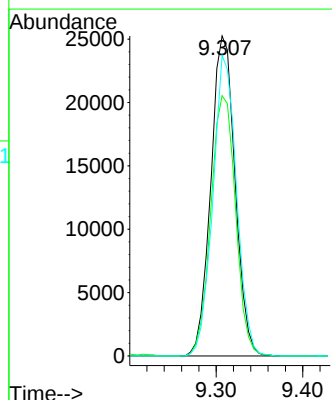
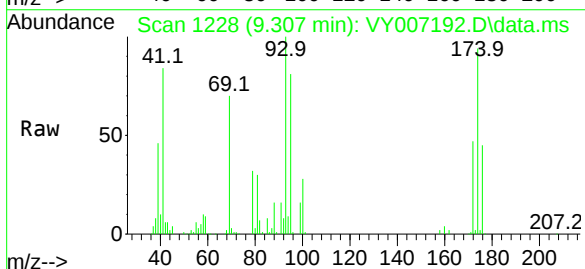
Tgt Ion: 93 Resp: 49102

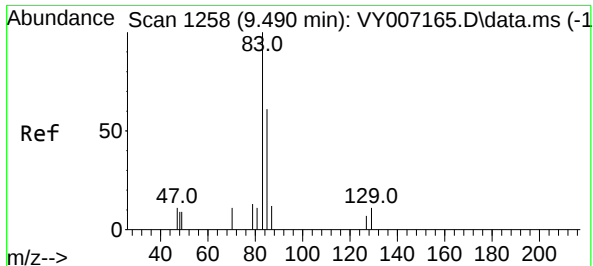
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 91.6 75.4 113.0

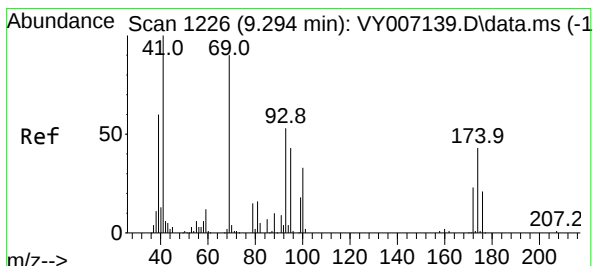
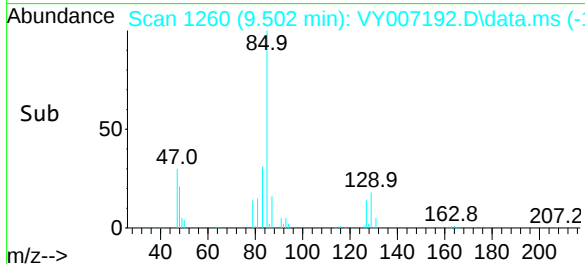
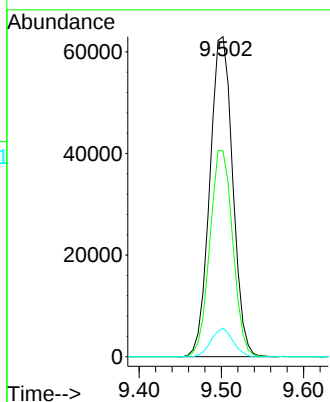
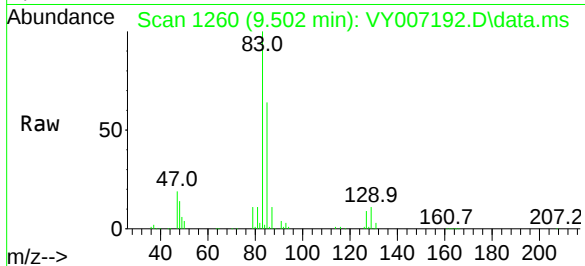




#47  
Bromodichloromethane  
Concen: 50.390 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

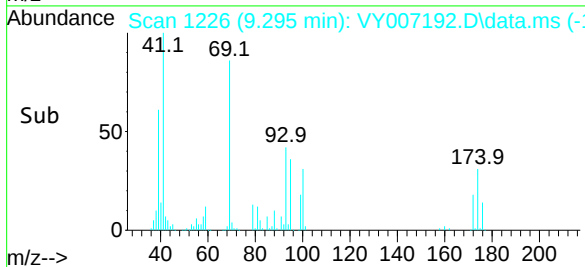
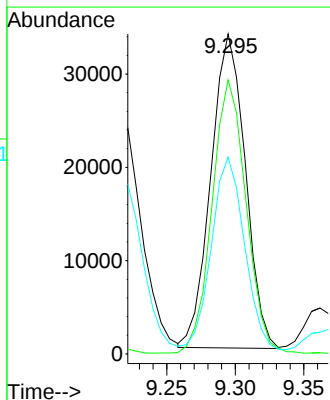
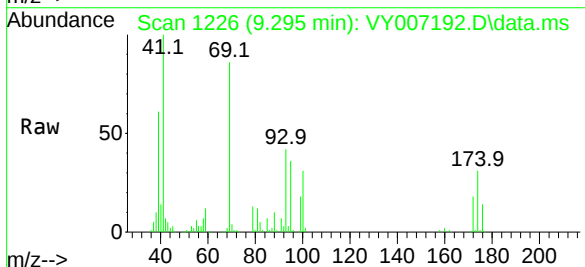
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 121871  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.4 77.2  
127 9.0 6.5 9.7



#48  
Methyl methacrylate  
Concen: 52.794 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 41 Resp: 58810  
Ion Ratio Lower Upper  
41 100  
69 85.8 70.5 105.7  
39 58.7 43.8 65.8





#49

1,4-Dioxane

Concen: 1196.412 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

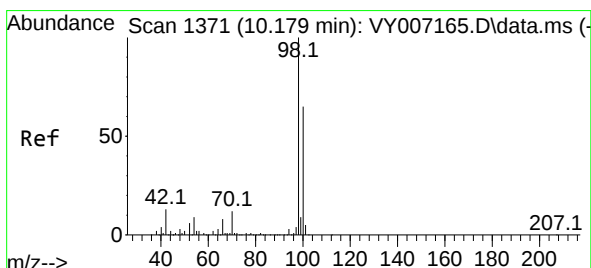
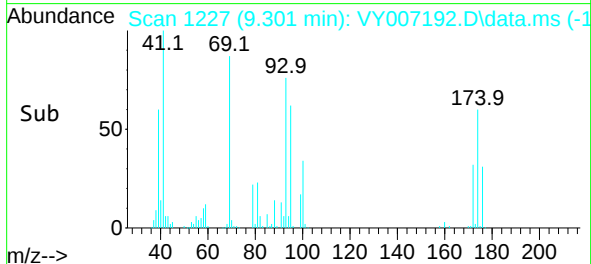
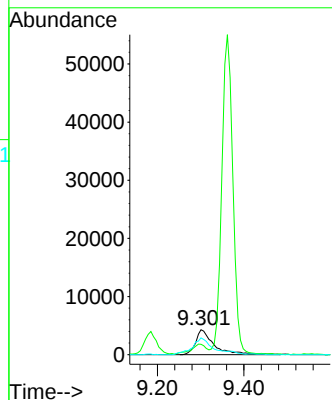
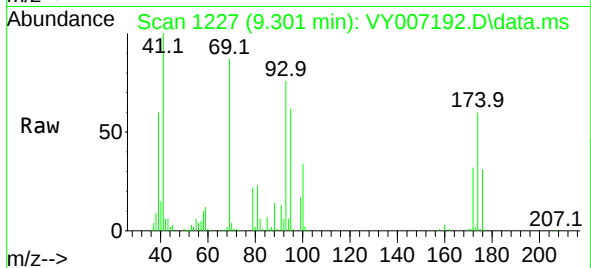
Tgt Ion: 88 Resp: 12691

Ion Ratio Lower Upper

88 100

43 35.7 22.0 33.0#

58 77.0 58.6 87.8



#50

Toluene-d8

Concen: 50.362 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY007192.D

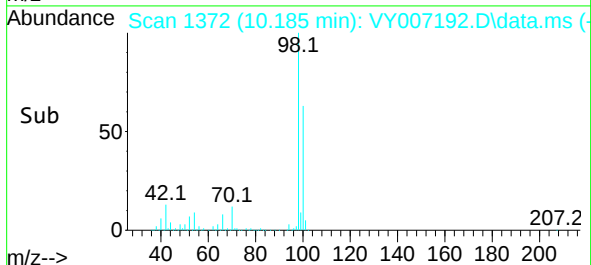
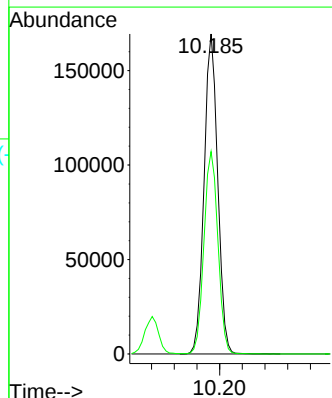
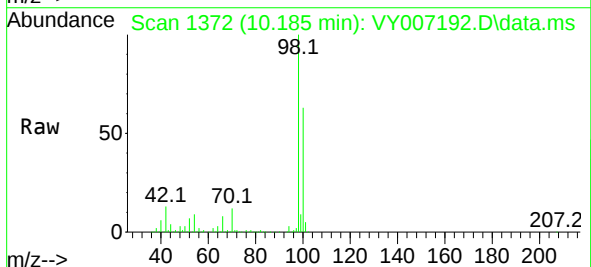
Acq: 17 Jan 2022 17:19

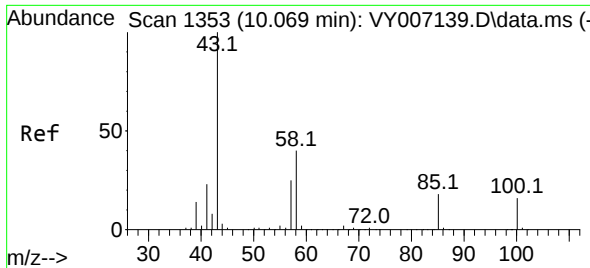
Tgt Ion: 98 Resp: 282582

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

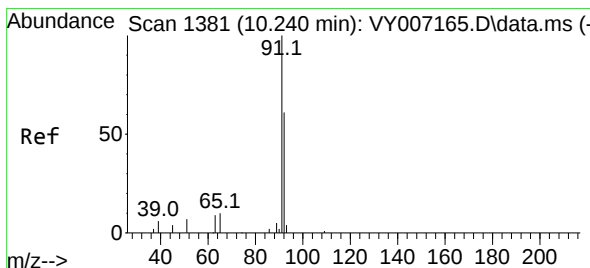
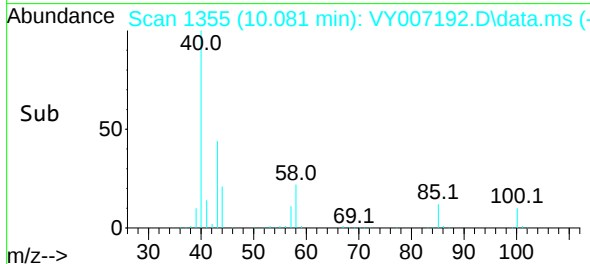
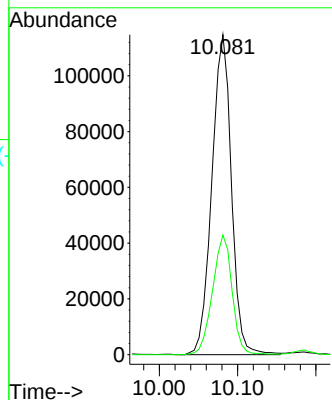
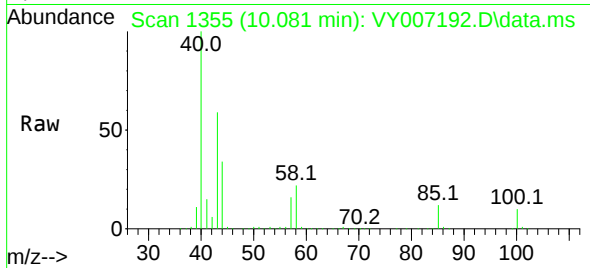




#51  
4-Methyl-2-Pentanone  
Concen: 160.369 ug/l  
RT: 10.081 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

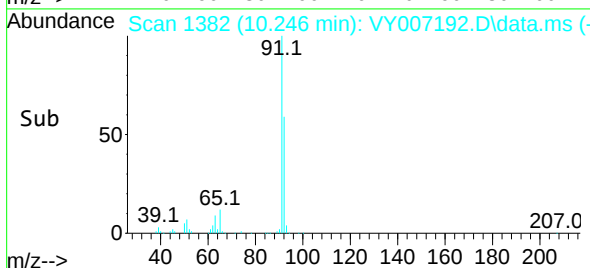
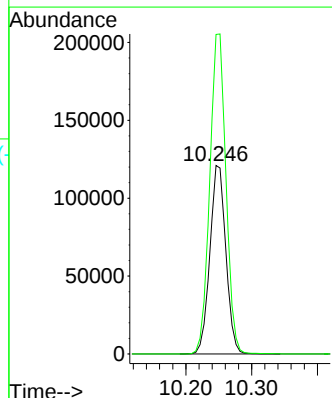
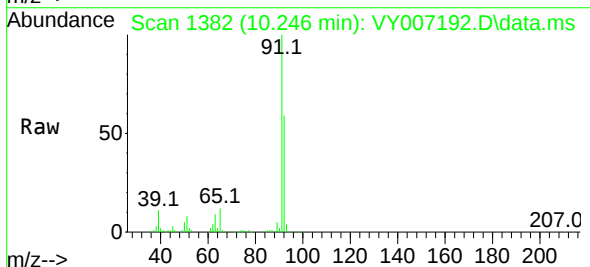
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

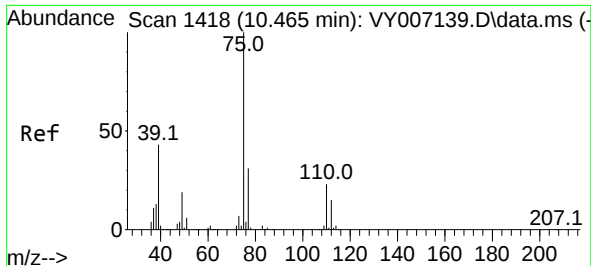
Tgt Ion: 43 Resp: 199145  
Ion Ratio Lower Upper  
43 100  
58 37.3 32.8 49.2



#52  
Toluene  
Concen: 49.290 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 92 Resp: 204396  
Ion Ratio Lower Upper  
92 100  
91 172.3 138.6 207.8

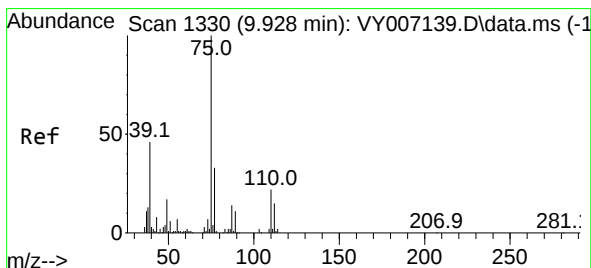
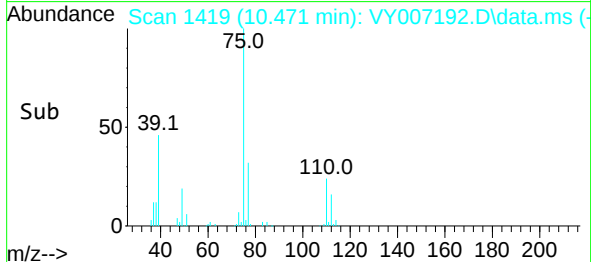
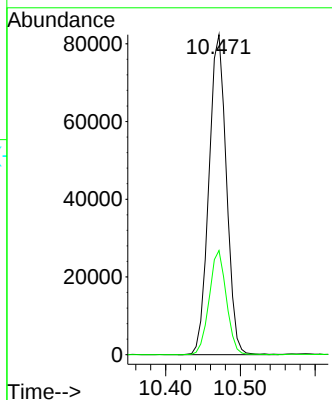
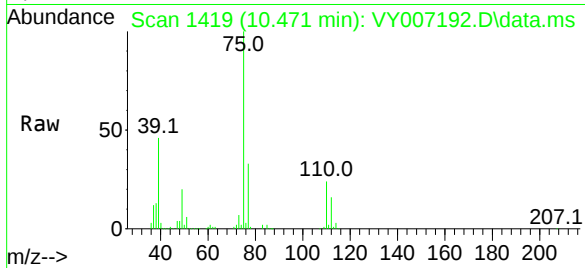




#53  
t-1,3-Dichloropropene  
Concen: 52.526 ug/l  
RT: 10.471 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

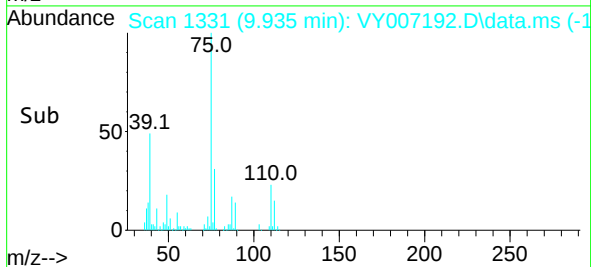
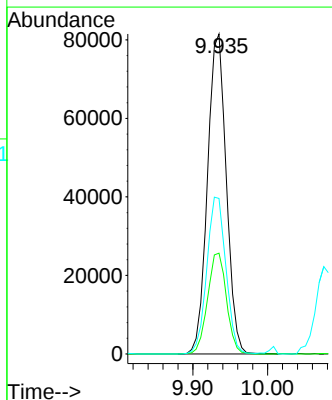
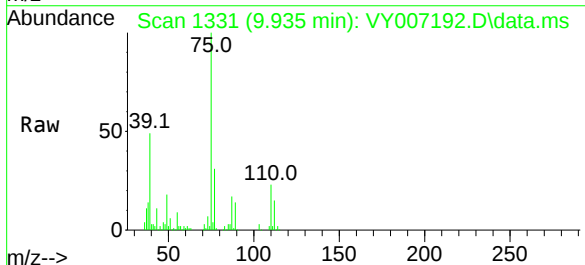
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

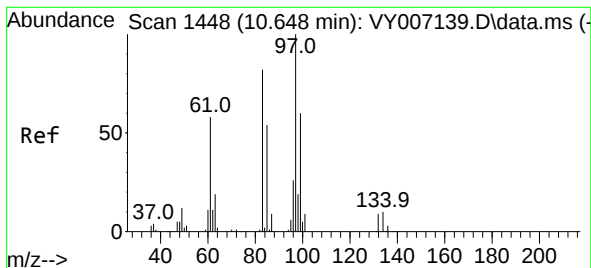
Tgt Ion: 75 Resp: 134103  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 49.745 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 75 Resp: 142164  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.7 38.5  
39 48.6 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 50.522 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 67418

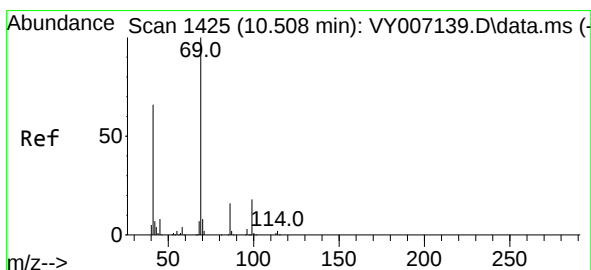
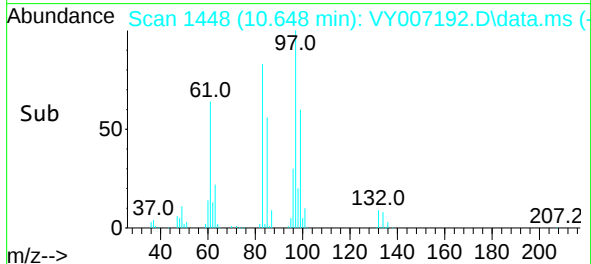
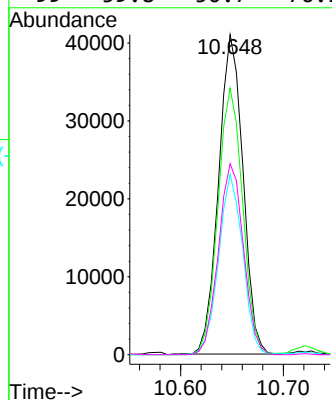
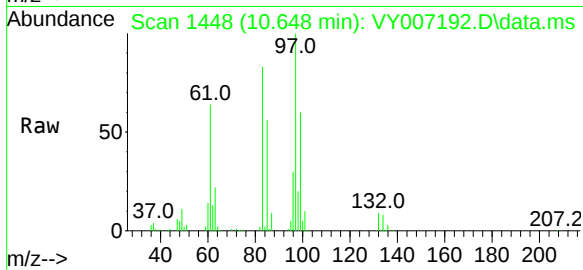
Ion Ratio Lower Upper

97 100

83 83.4 67.0 100.4

85 56.4 41.2 61.8

99 59.8 50.7 76.1



#56

Ethyl methacrylate

Concen: 53.602 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

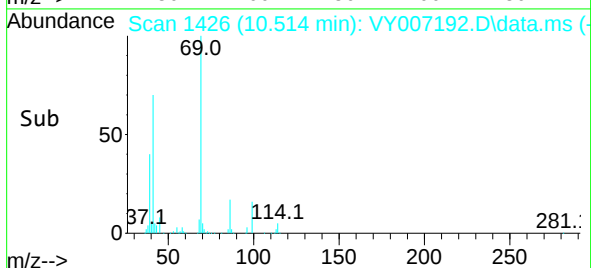
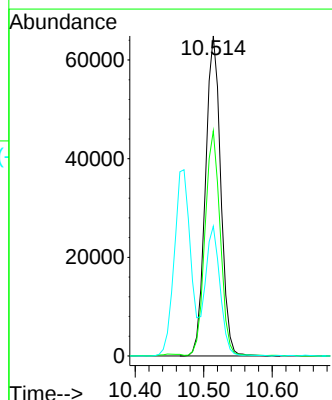
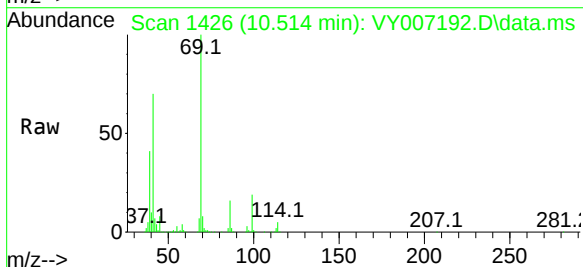
Tgt Ion: 69 Resp: 100768

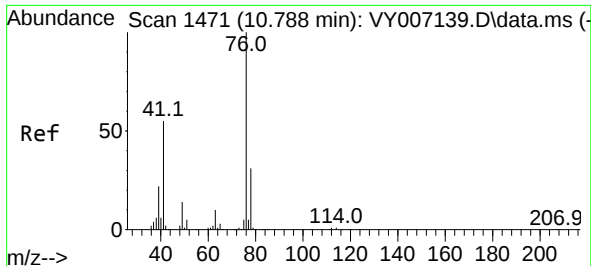
Ion Ratio Lower Upper

69 100

41 69.3 49.4 74.0

39 39.3 27.7 41.5





#57

1,3-Dichloropropane

Concen: 51.727 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

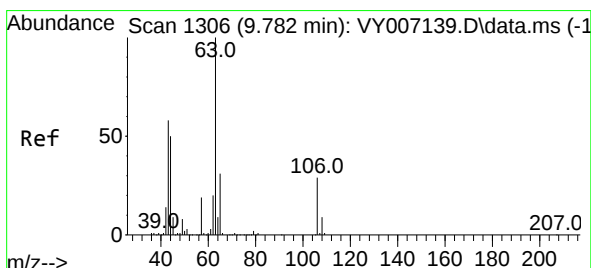
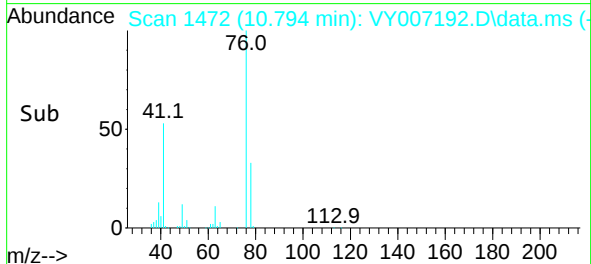
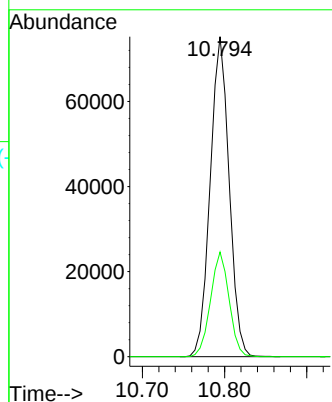
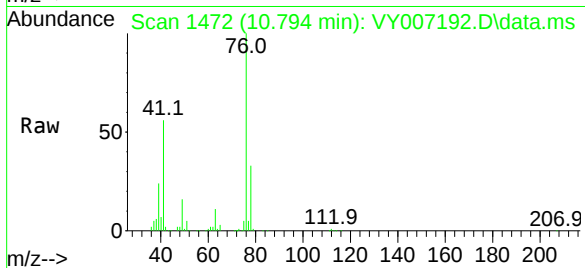
VSTDCCC050EC

Tgt Ion: 76 Resp: 120318

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 245.786 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007192.D

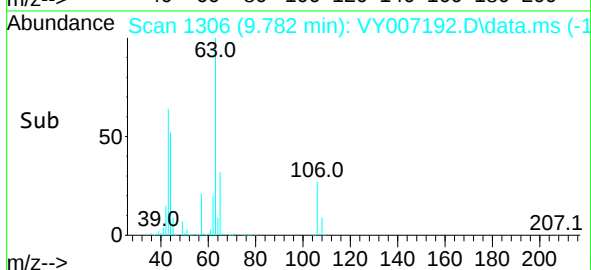
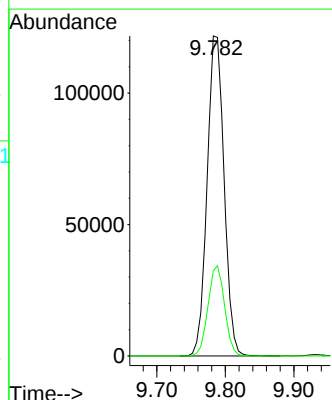
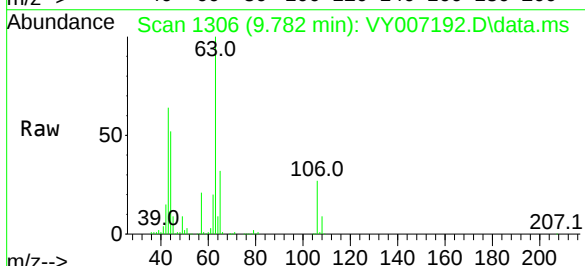
Acq: 17 Jan 2022 17:19

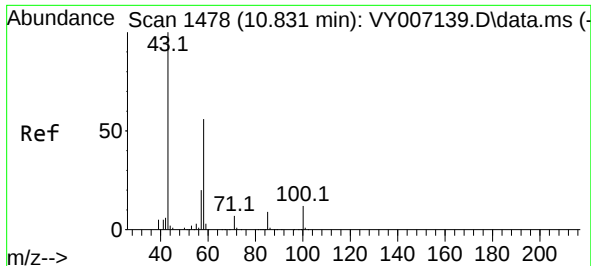
Tgt Ion: 63 Resp: 210107

Ion Ratio Lower Upper

63 100

106 27.5 23.3 34.9

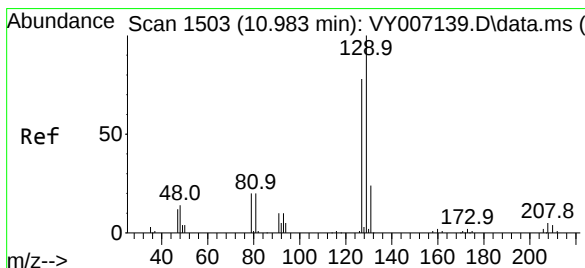
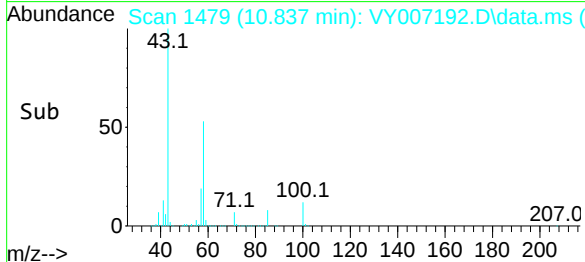
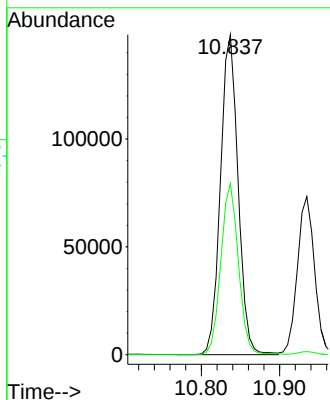
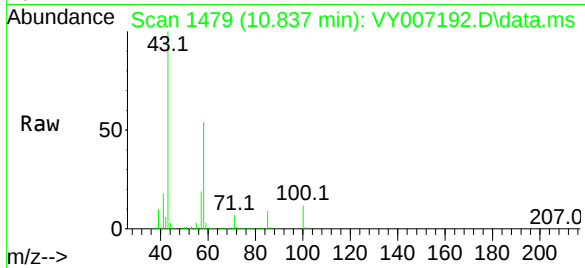




#59  
2-Hexanone  
Concen: 275.597 ug/l  
RT: 10.837 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

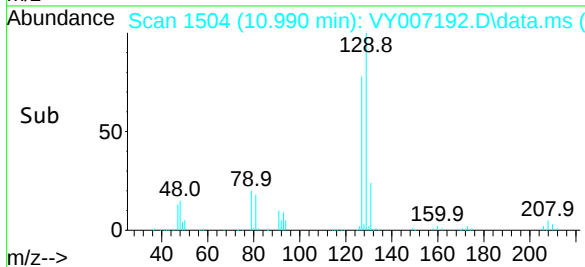
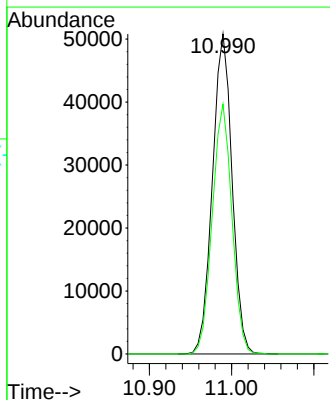
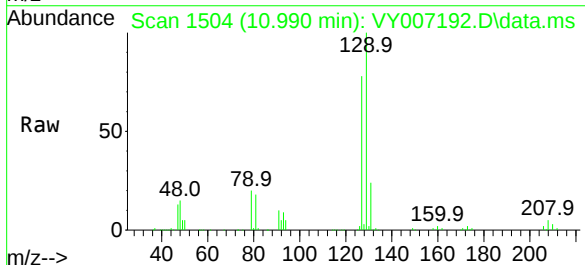
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

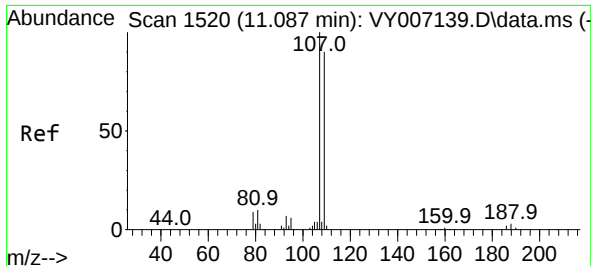
Tgt Ion: 43 Resp: 232260  
Ion Ratio Lower Upper  
43 100  
58 53.4 28.4 85.3



#60  
Dibromochloromethane  
Concen: 51.446 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 129 Resp: 84393  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.9 116.6

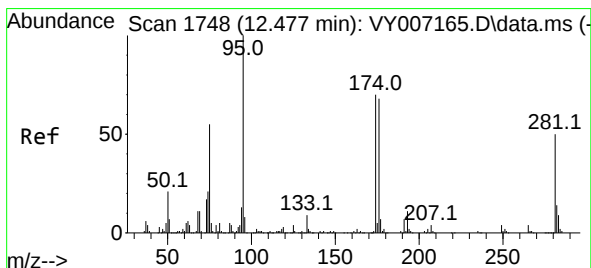
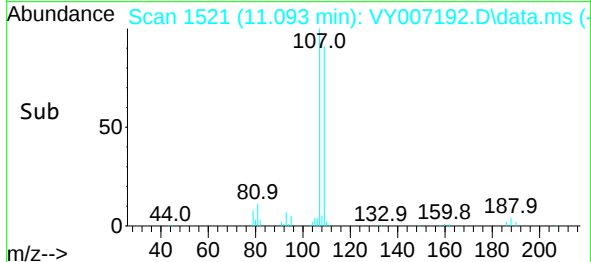
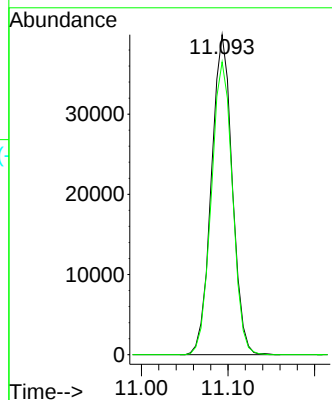
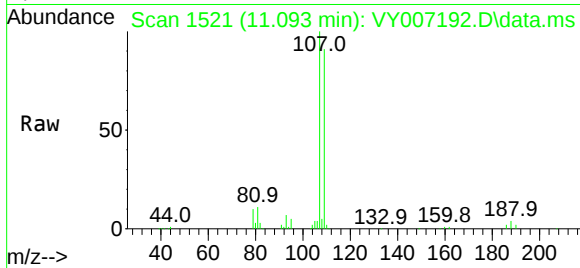




#61  
1,2-Dibromoethane  
Concen: 50.771 ug/l  
RT: 11.093 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

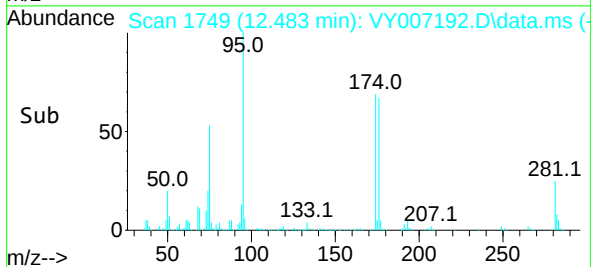
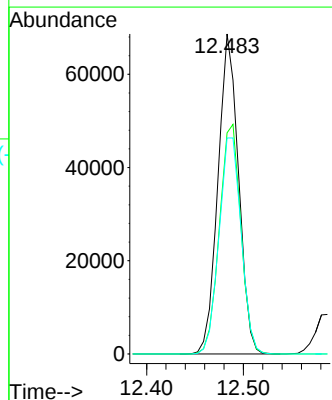
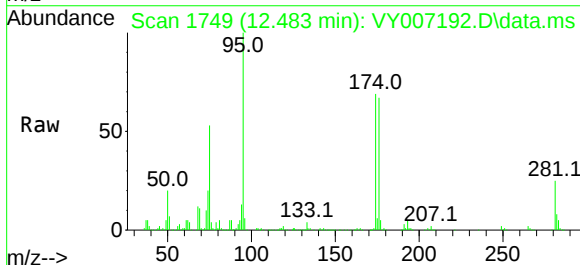
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

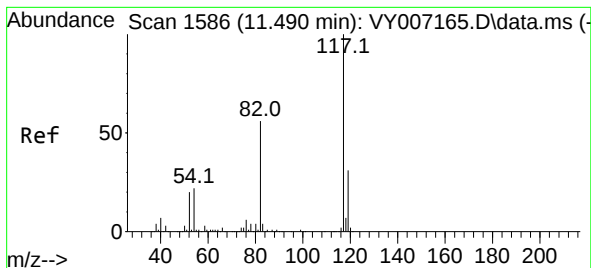
Tgt Ion:107 Resp: 66560  
Ion Ratio Lower Upper  
107 100  
109 92.8 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 50.716 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 95 Resp: 101226  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 148.4  
176 72.8 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1158

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

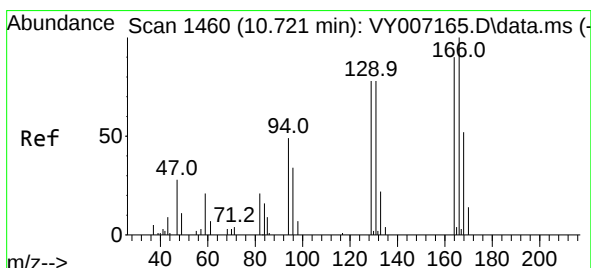
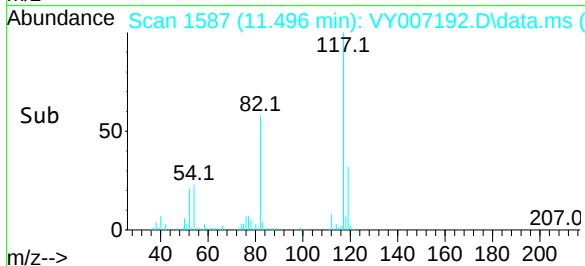
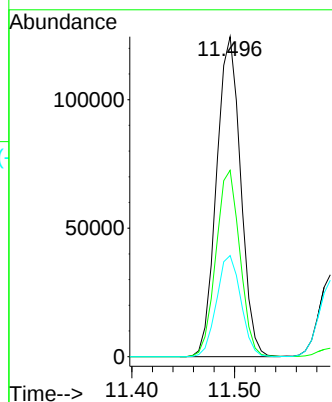
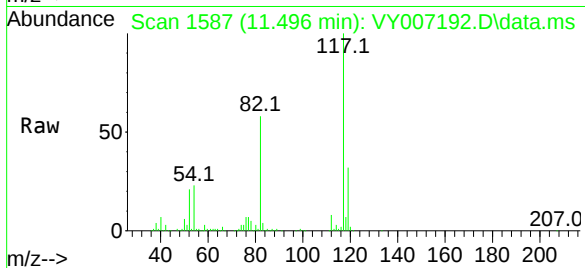
Tgt Ion:117 Resp: 202801

Ion Ratio Lower Upper

117 100

82 58.3 45.4 68.0

119 31.6 26.4 39.6



#64

Tetrachloroethene

Concen: 46.564 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Tgt Ion:164 Resp: 68066

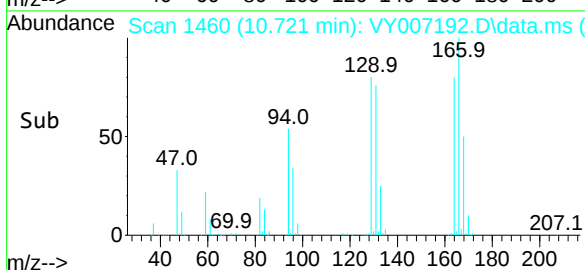
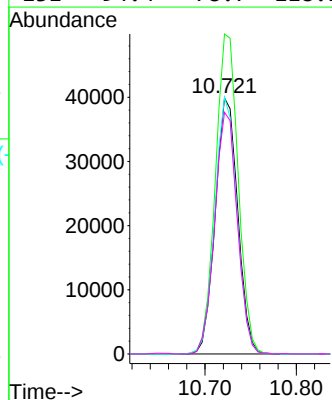
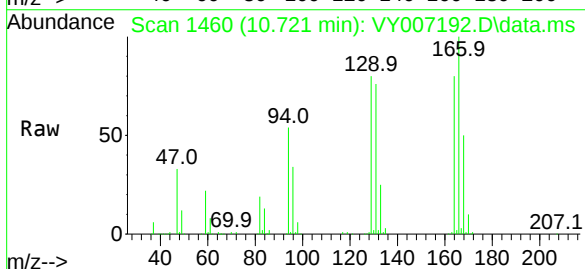
Ion Ratio Lower Upper

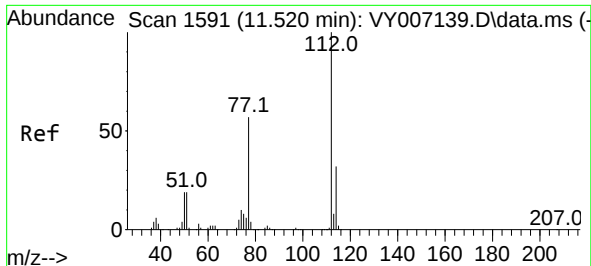
164 100

166 125.0 102.6 154.0

129 100.2 84.6 127.0

131 94.4 78.7 118.1

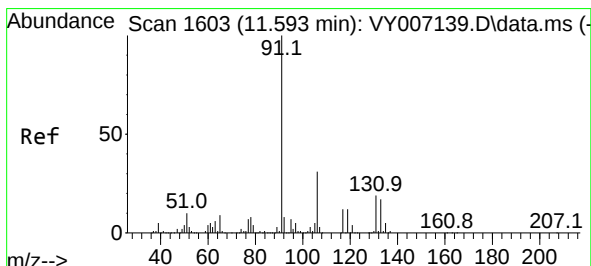
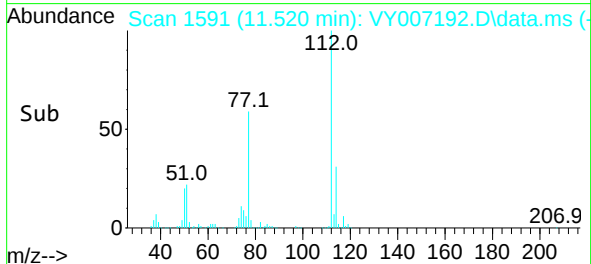
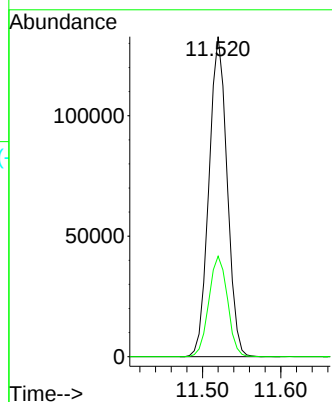
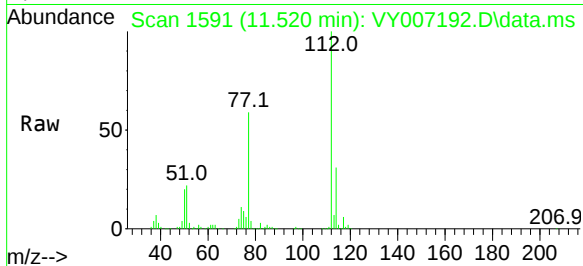




#65  
Chlorobenzene  
Concen: 48.260 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

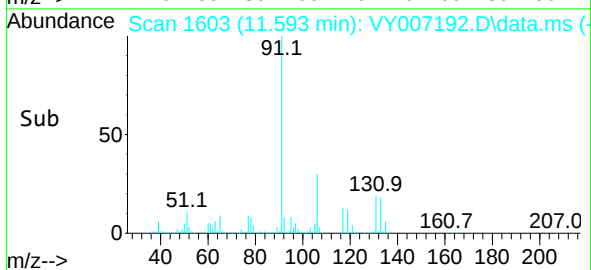
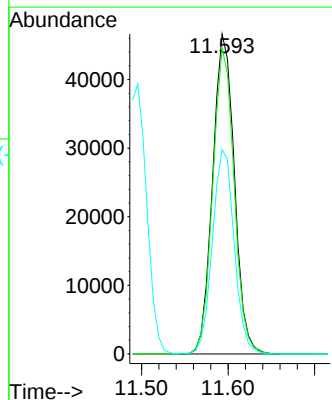
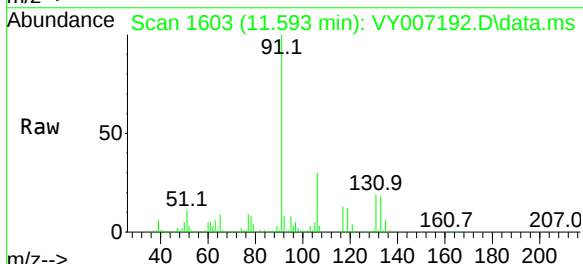
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

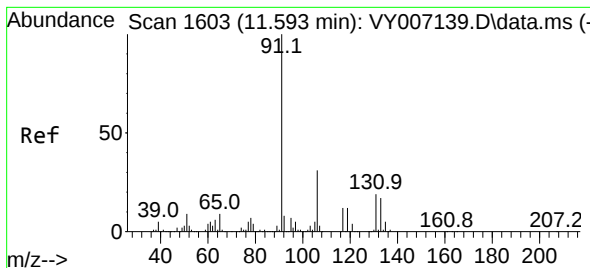
Tgt Ion:112 Resp: 214004  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.413 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion:131 Resp: 81224  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.5 142.5  
119 64.0 32.6 97.7





#67

Ethyl Benzene

Concen: 48.191 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

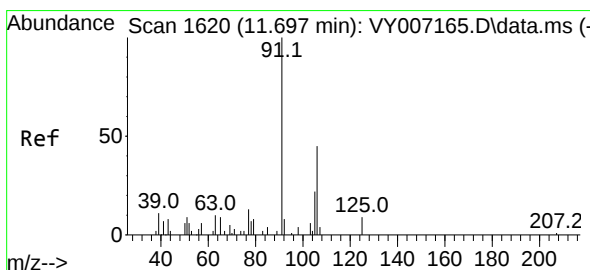
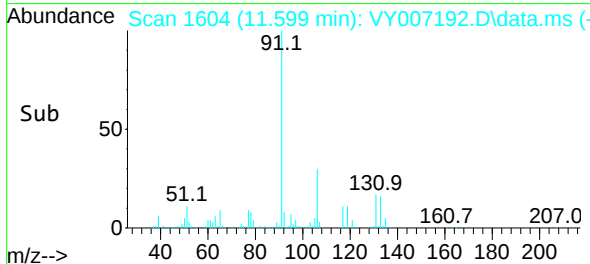
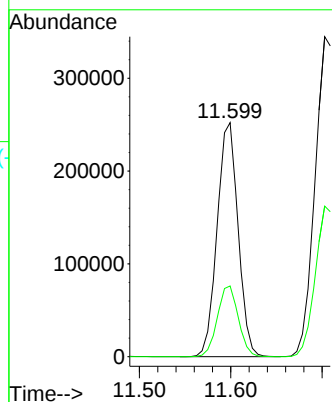
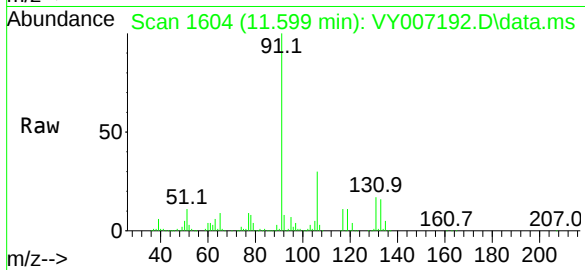
VSTDCCC050EC

Tgt Ion: 91 Resp: 401642

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#68

m/p-Xylenes

Concen: 95.396 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007192.D

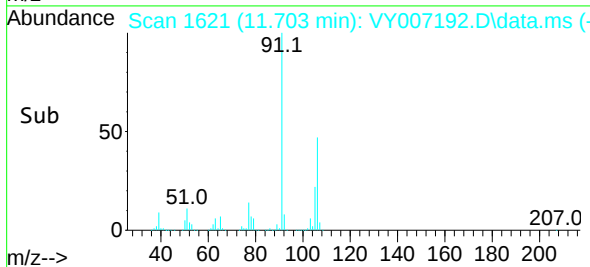
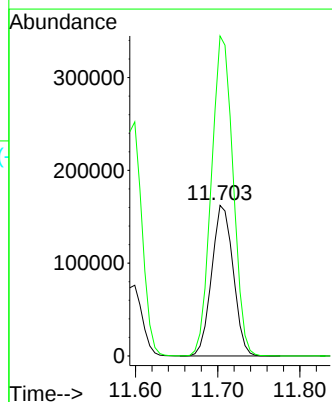
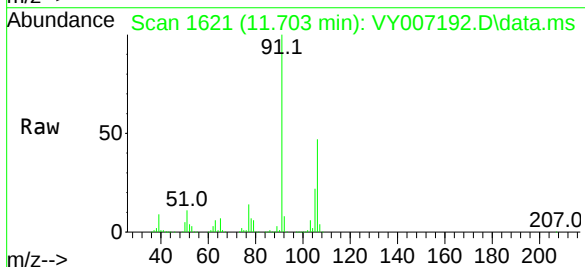
Acq: 17 Jan 2022 17:19

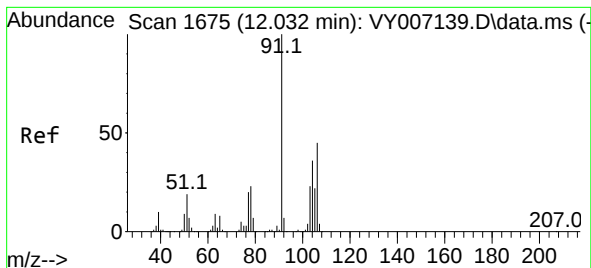
Tgt Ion:106 Resp: 295461

Ion Ratio Lower Upper

106 100

91 213.9 167.1 250.7





#69

o-Xylene

Concen: 48.040 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

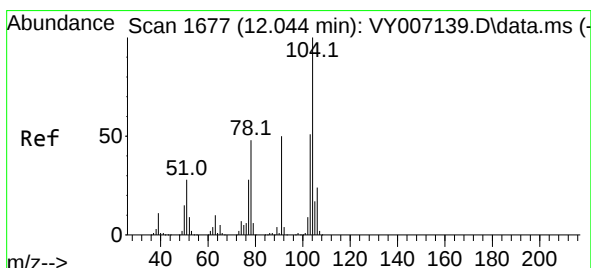
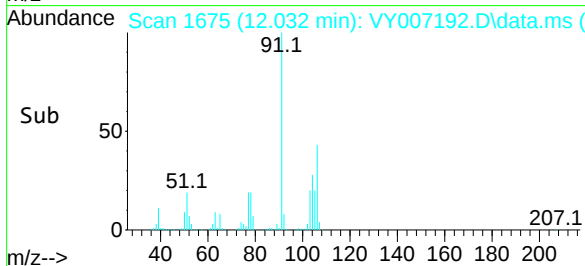
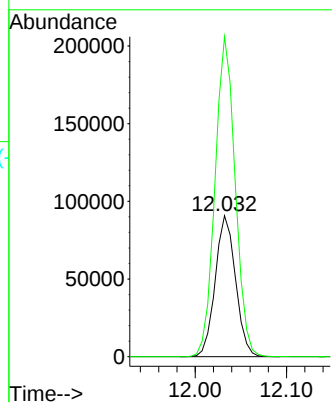
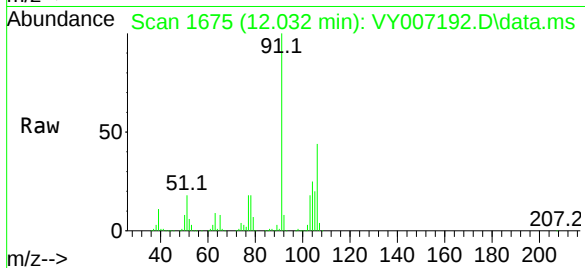
VSTDCCC050EC

Tgt Ion:106 Resp: 140120

Ion Ratio Lower Upper

106 100

91 225.5 109.9 329.6



#70

Styrene

Concen: 50.055 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

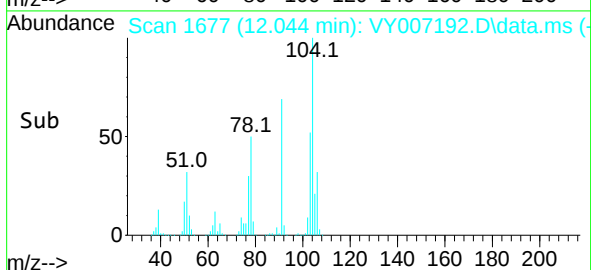
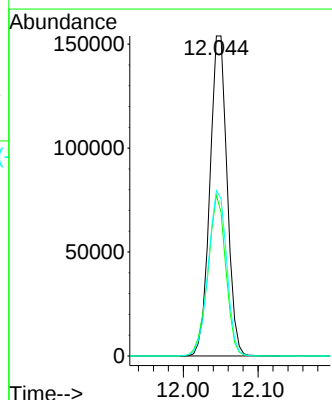
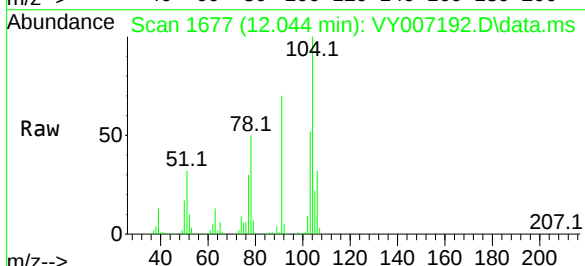
Tgt Ion:104 Resp: 246290

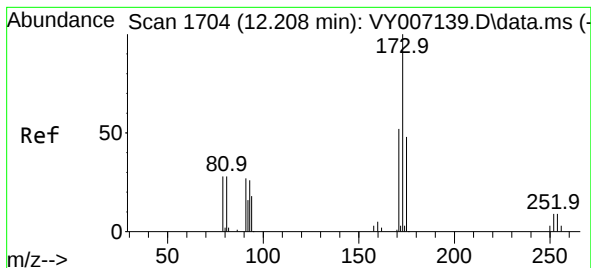
Ion Ratio Lower Upper

104 100

78 52.1 41.4 62.0

103 55.3 44.2 66.2





#71

Bromoform

Concen: 51.132 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

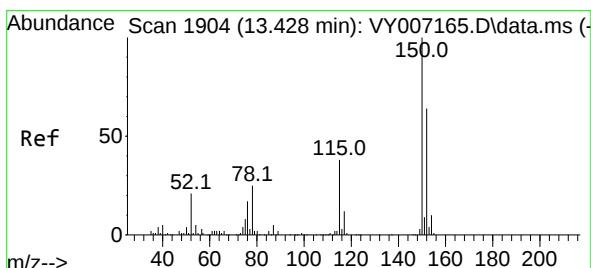
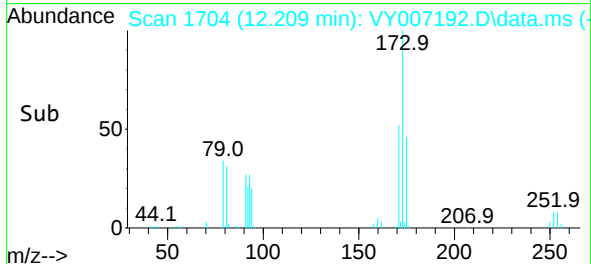
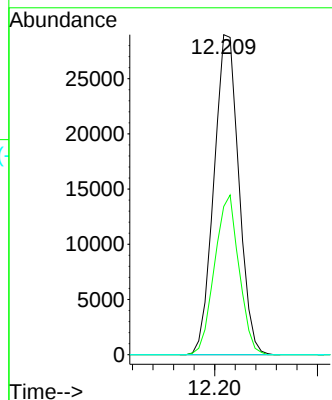
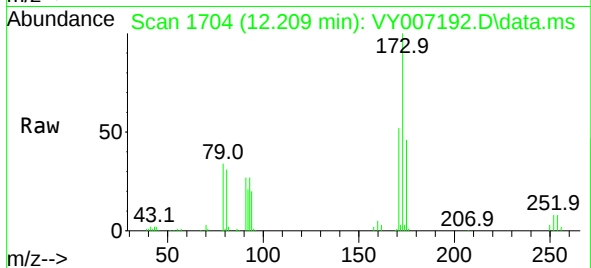
Tgt Ion:173 Resp: 48617

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

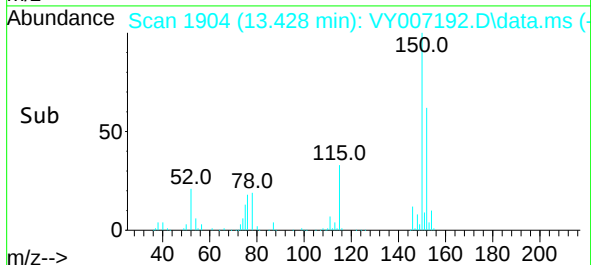
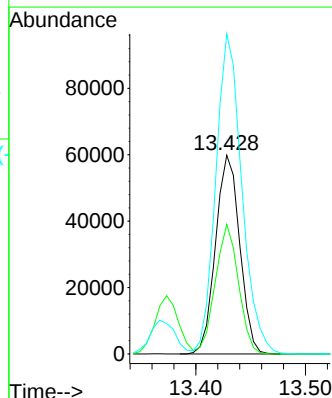
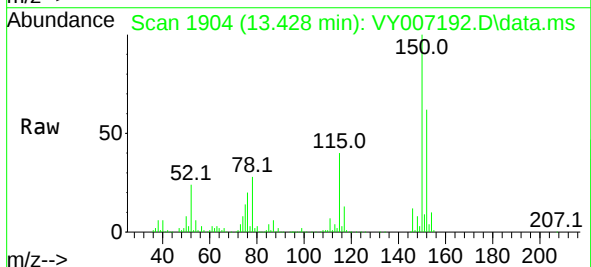
Tgt Ion:152 Resp: 91480

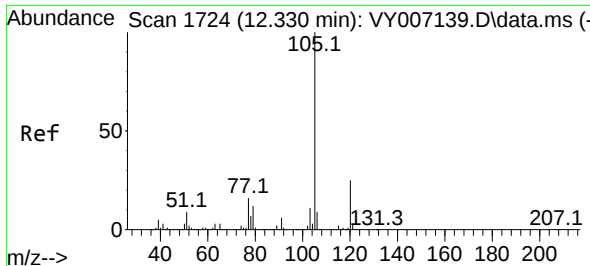
Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.0

150 174.0 0.0 348.4

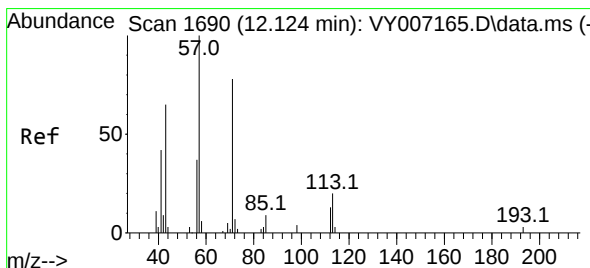
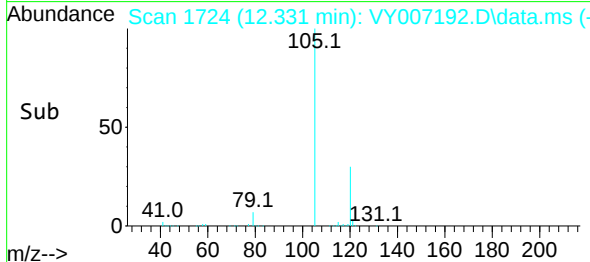
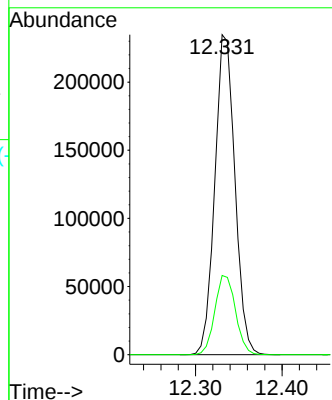
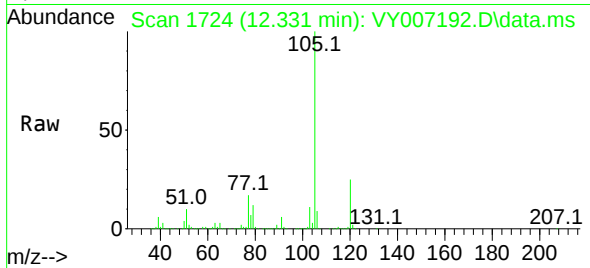




#73  
Isopropylbenzene  
Concen: 47.864 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

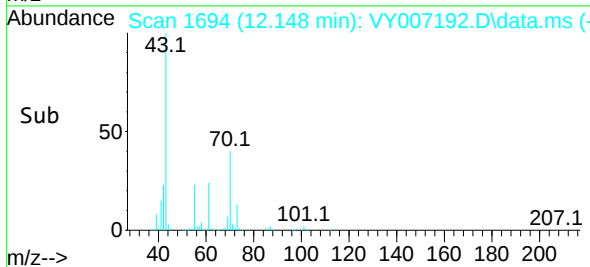
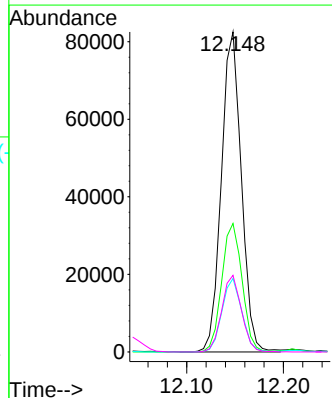
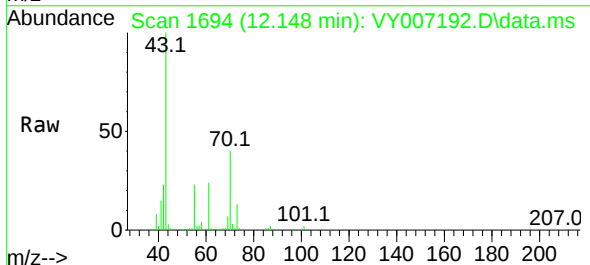
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

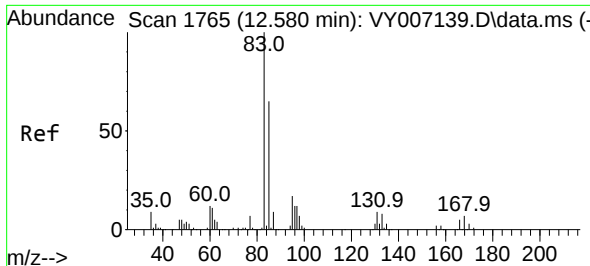
Tgt Ion:105 Resp: 378185  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.1 39.1



#74  
N-ethyl acetate  
Concen: 56.012 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 43 Resp: 118345  
Ion Ratio Lower Upper  
43 100  
70 40.9 36.2 54.4  
55 22.9 19.0 28.4  
61 23.6 20.4 30.6

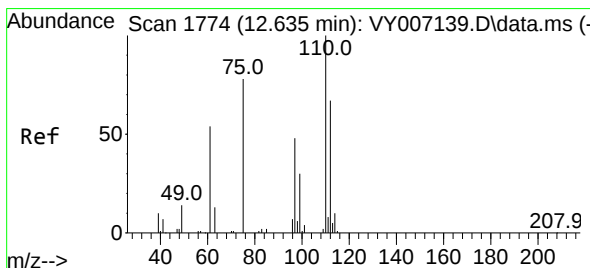
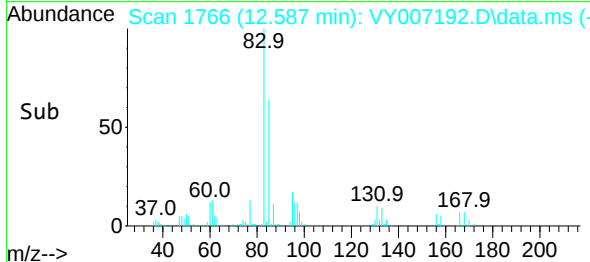
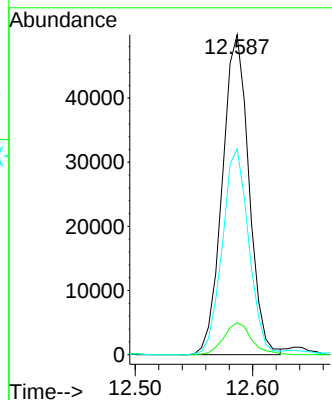
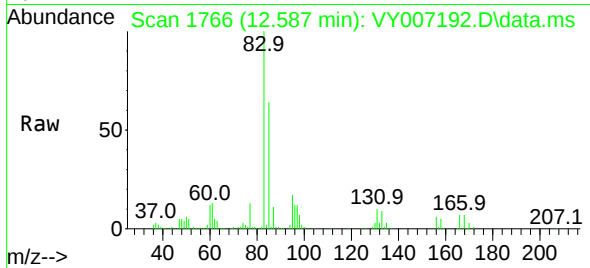




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.004 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

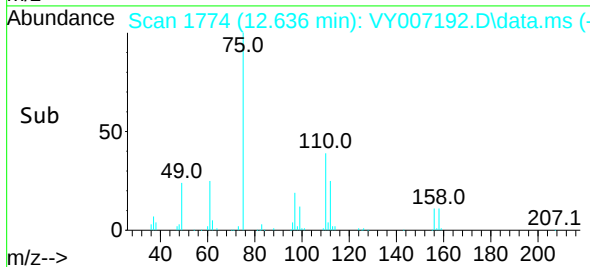
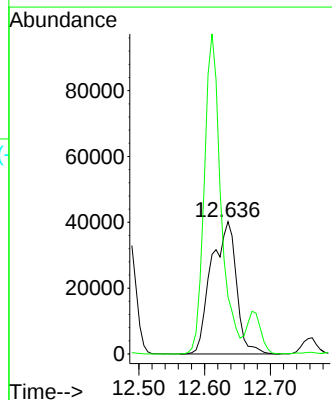
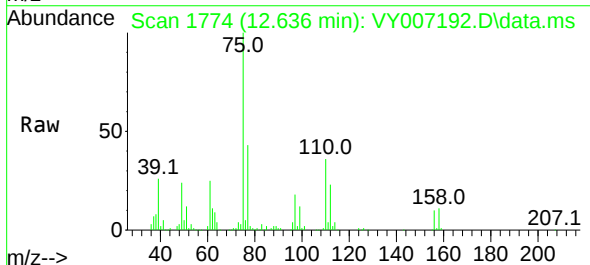
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

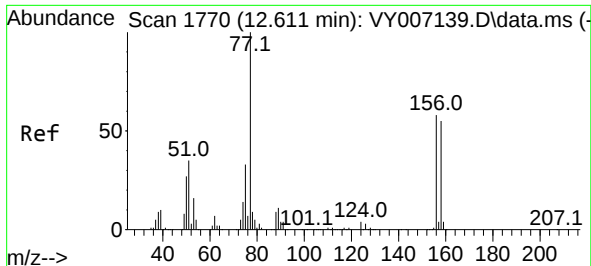
Tgt Ion: 83 Resp: 78364  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.3 16.1  
85 64.3 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 102.808 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 75 Resp: 107240  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

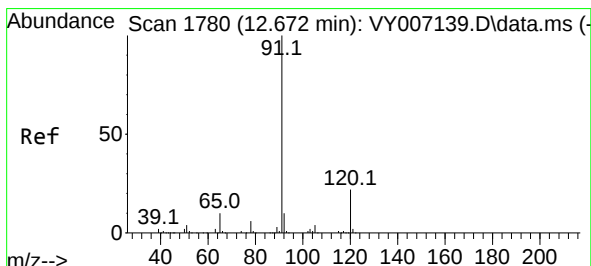
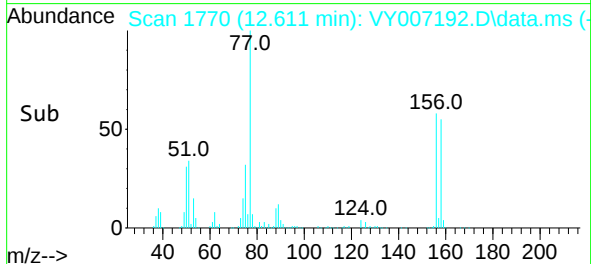
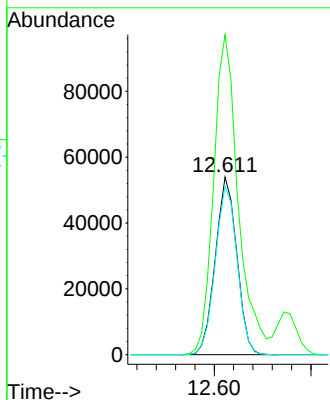
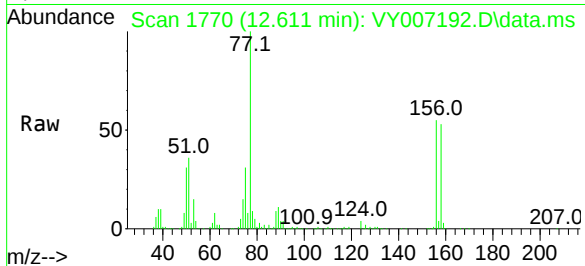




#77  
Bromobenzene  
Concen: 48.279 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

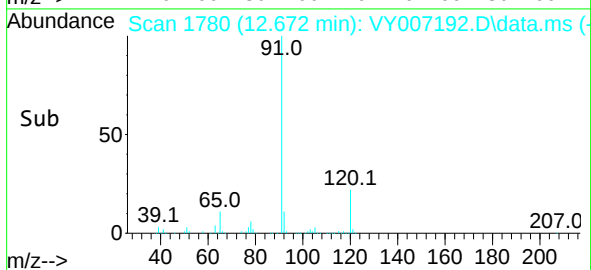
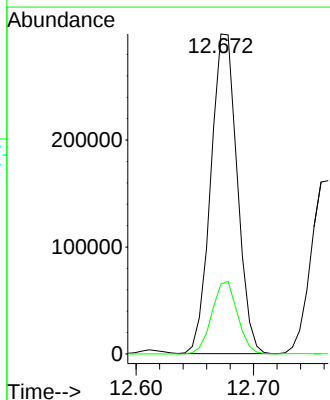
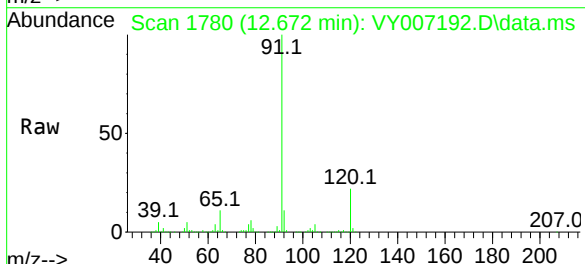
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

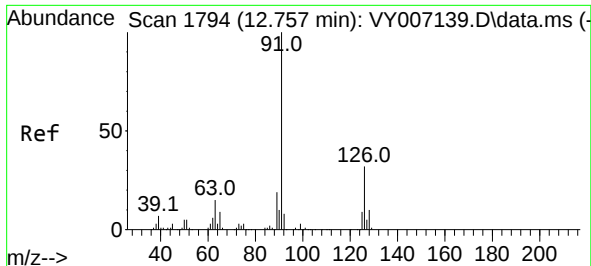
Tgt Ion:156 Resp: 83003  
Ion Ratio Lower Upper  
156 100  
77 206.2 98.7 296.1  
158 96.5 48.4 145.2



#78  
n-propylbenzene  
Concen: 47.612 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 91 Resp: 466345  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.2 33.5

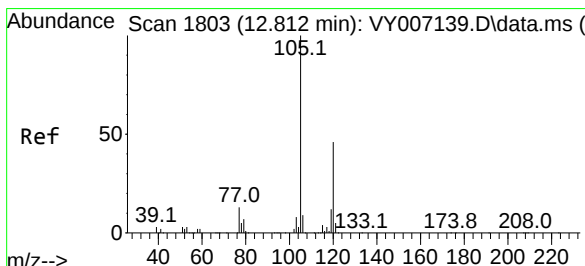
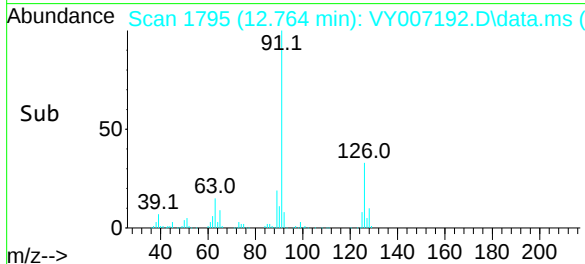
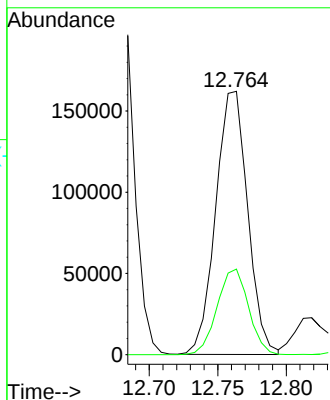
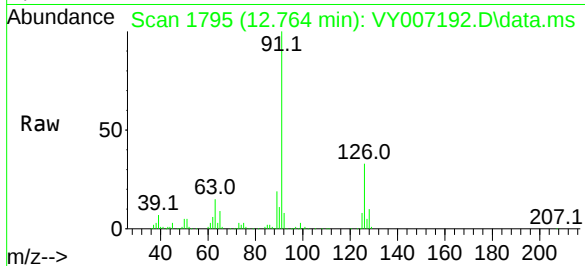




#79  
2-Chlorotoluene  
Concen: 48.357 ug/l  
RT: 12.764 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

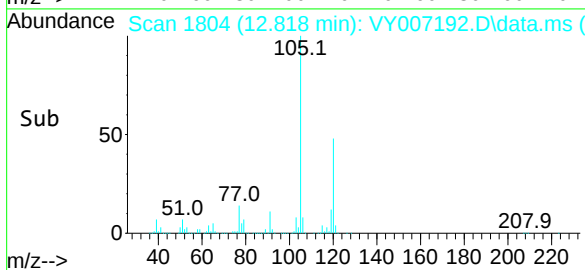
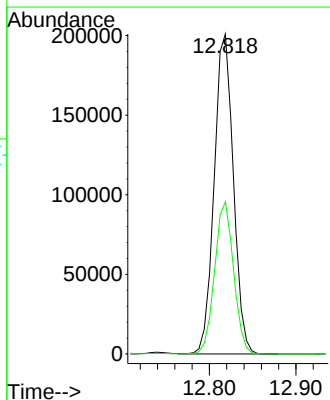
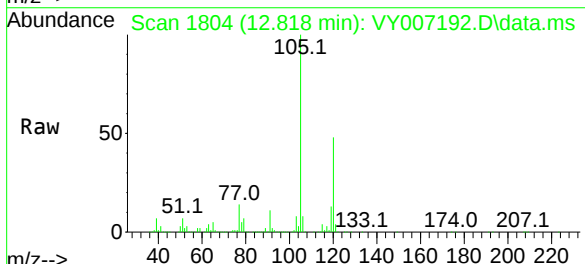
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

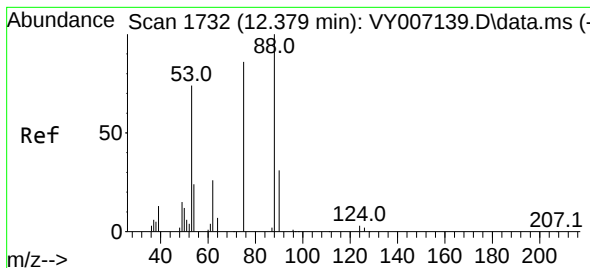
Tgt Ion: 91 Resp: 263344  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 47.635 ug/l  
RT: 12.818 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 105 Resp: 309032  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.7 71.1

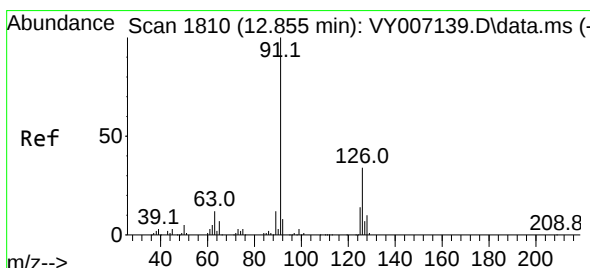
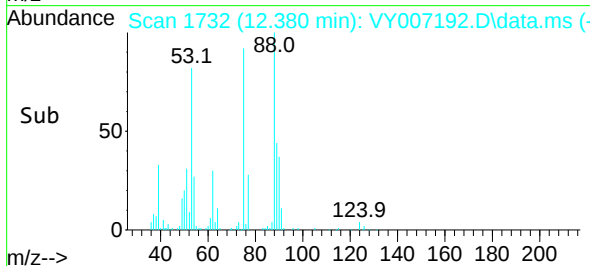
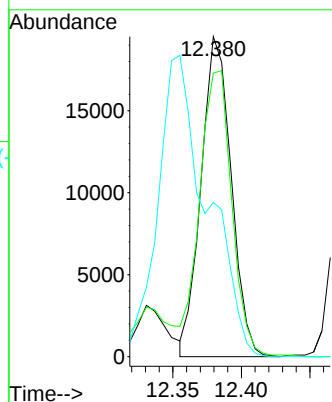
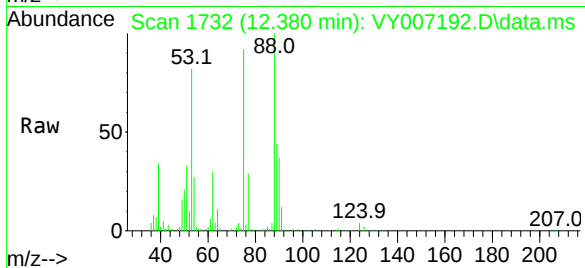




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.334 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

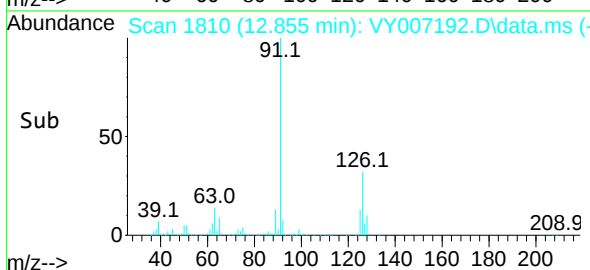
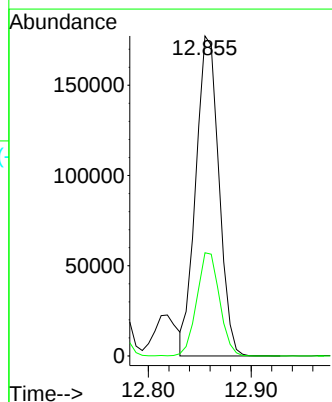
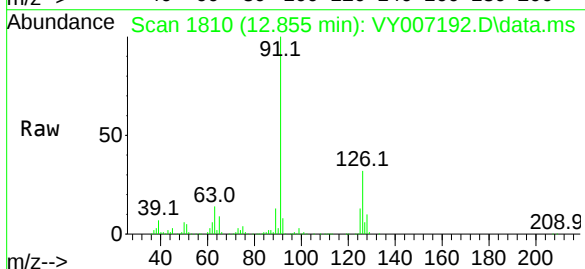
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

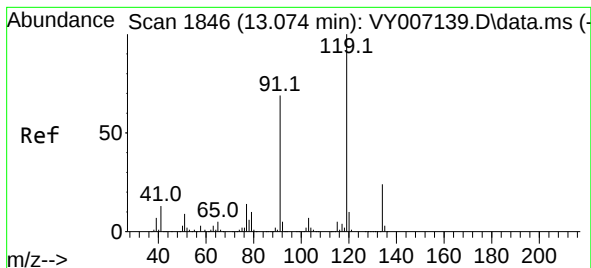
Tgt Ion: 75 Resp: 29819  
Ion Ratio Lower Upper  
75 100  
53 95.4 73.9 110.9  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 48.661 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 91 Resp: 276435  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.3 48.9





#83

tert-Butylbenzene

Concen: 48.388 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

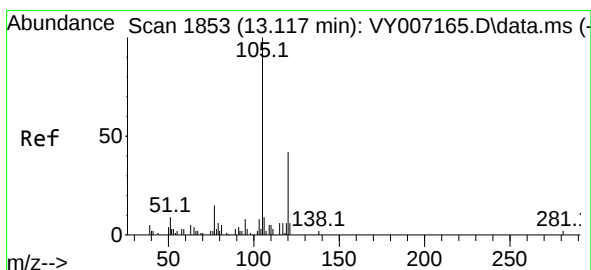
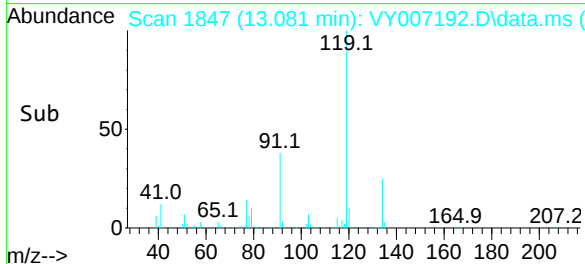
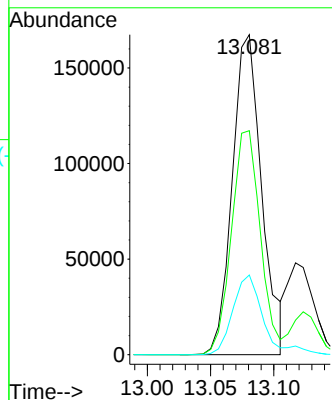
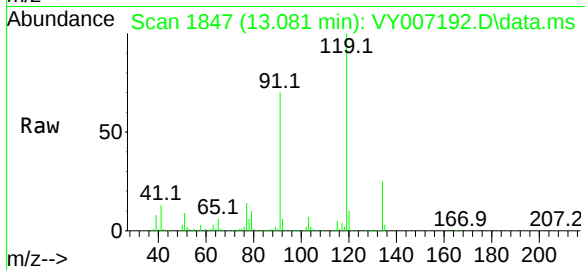
Tgt Ion:119 Resp: 271249

Ion Ratio Lower Upper

119 100

91 68.8 33.1 99.5

134 25.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 47.876 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007192.D

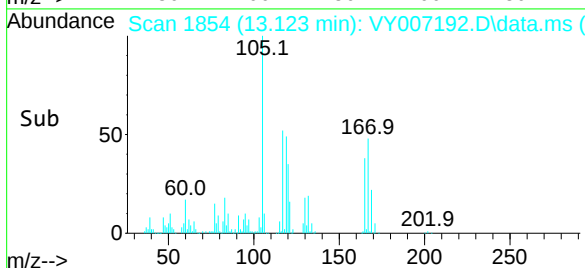
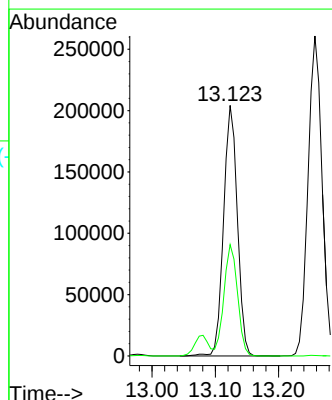
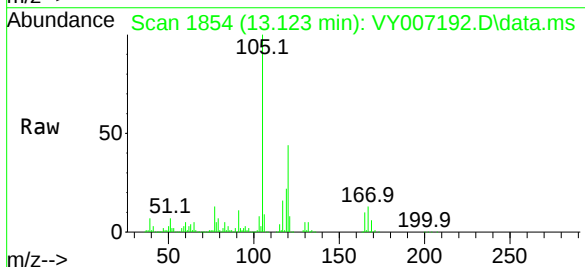
Acq: 17 Jan 2022 17:19

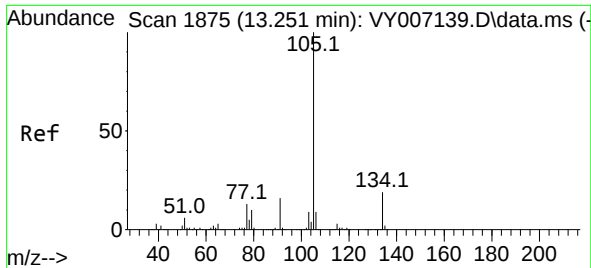
Tgt Ion:105 Resp: 307866

Ion Ratio Lower Upper

105 100

120 43.6 21.6 64.6

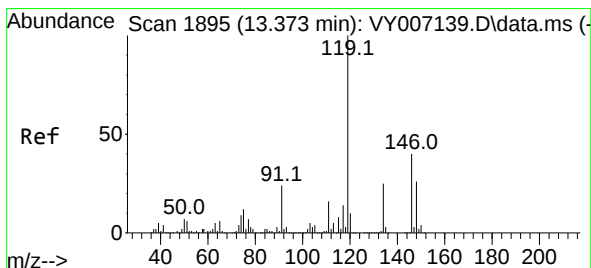
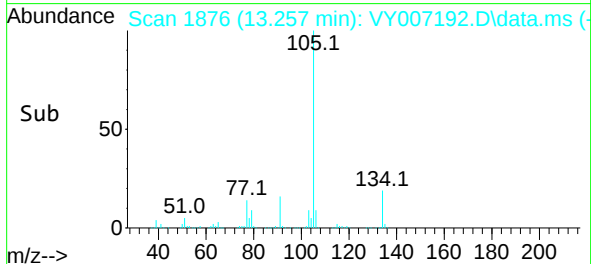
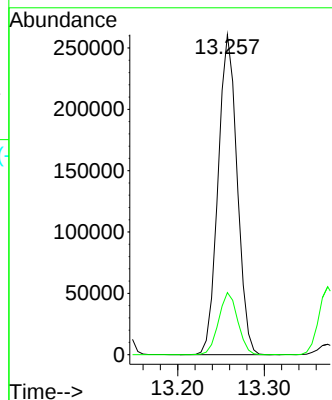
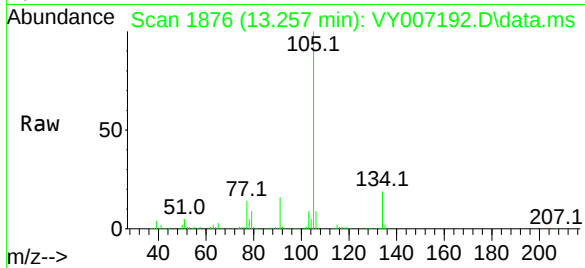




#85  
 sec-Butylbenzene  
 Concen: 47.623 ug/l  
 RT: 13.257 min Scan# 1875  
 Delta R.T. 0.006 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

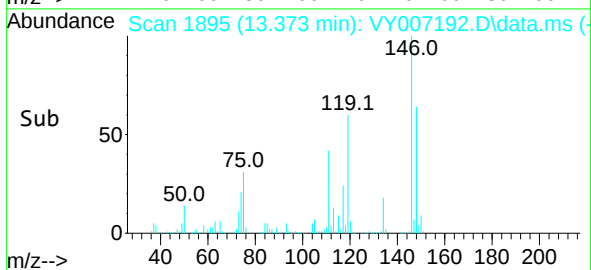
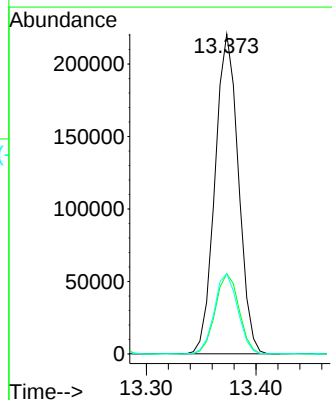
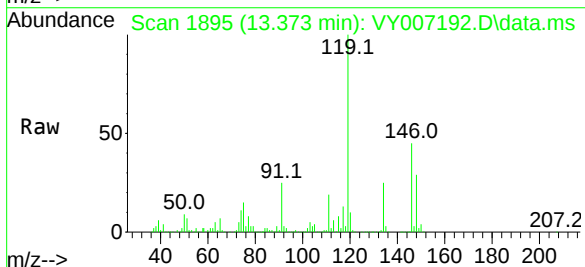
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

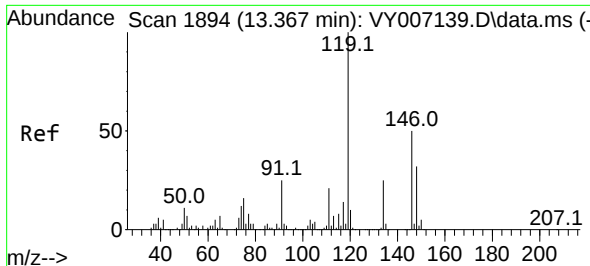
Tgt Ion:105 Resp: 399385  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 47.519 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY007192.D  
 Acq: 17 Jan 2022 17:19

Tgt Ion:119 Resp: 327492  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.9 38.7  
 91 25.1 12.4 37.2

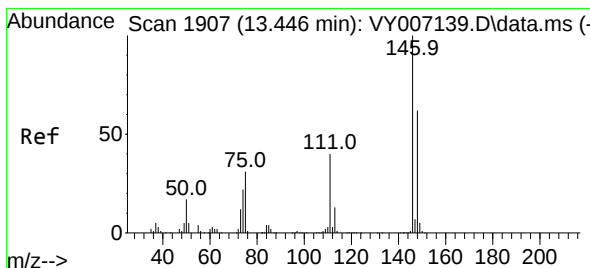
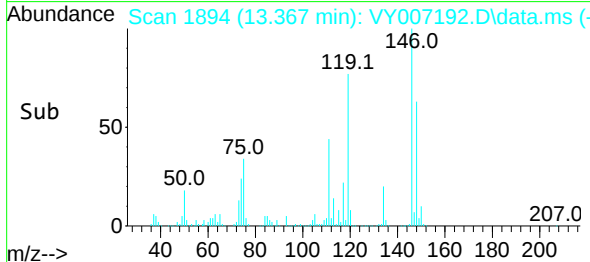
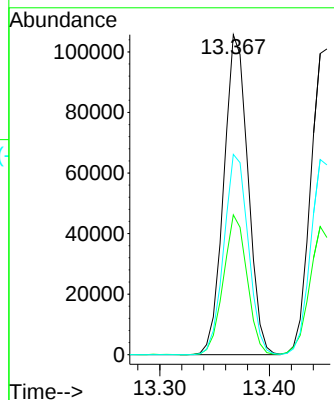
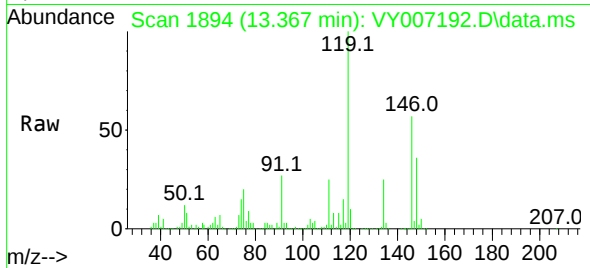




#87  
1,3-Dichlorobenzene  
Concen: 48.162 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

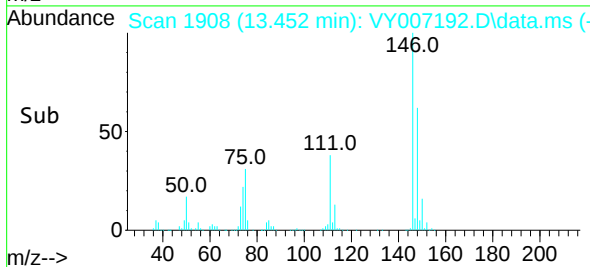
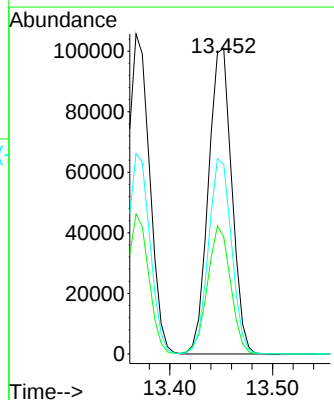
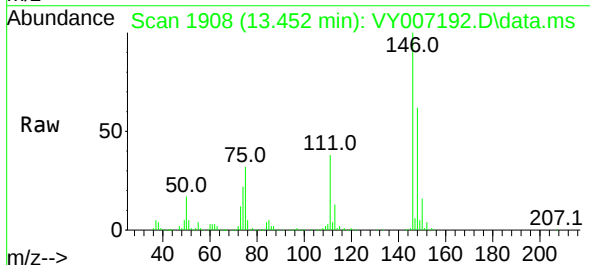
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

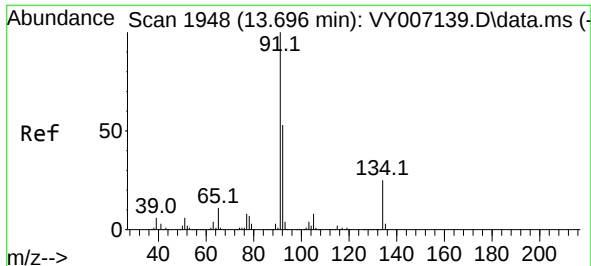
Tgt Ion:146 Resp: 162071  
Ion Ratio Lower Upper  
146 100  
111 42.8 21.1 63.1  
148 63.1 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 47.221 ug/l  
RT: 13.452 min Scan# 1908  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion:146 Resp: 159786  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.7 62.1  
148 63.3 32.0 96.2





#89

n-Butylbenzene

Concen: 47.486 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

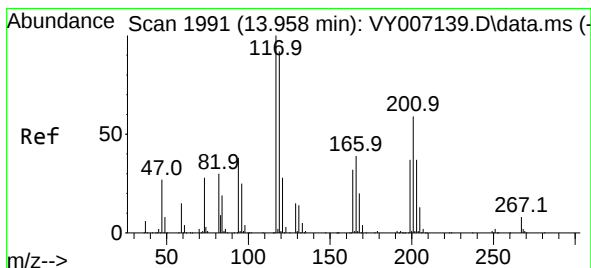
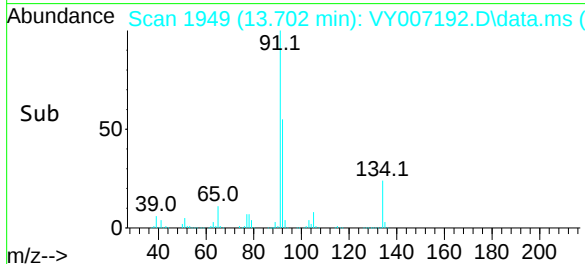
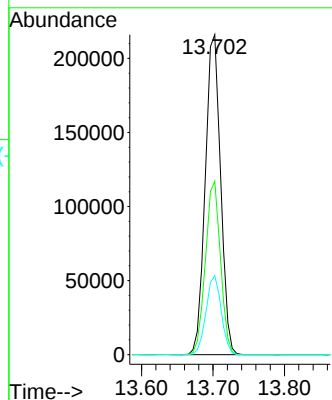
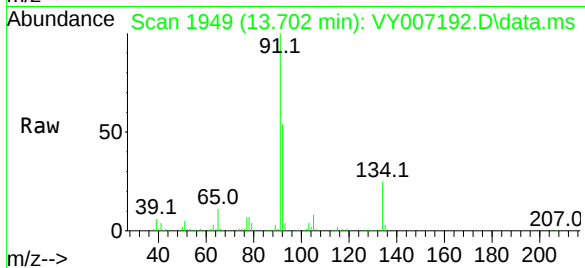
Tgt Ion: 91 Resp: 322233

Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.6

134 24.4 12.6 37.6



#90

Hexachloroethane

Concen: 48.765 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY007192.D

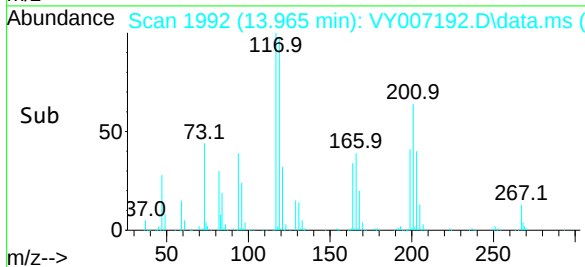
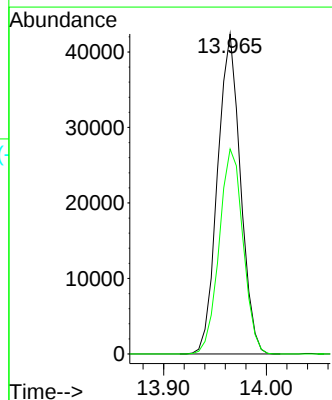
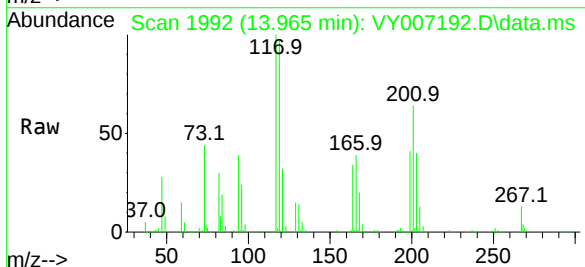
Acq: 17 Jan 2022 17:19

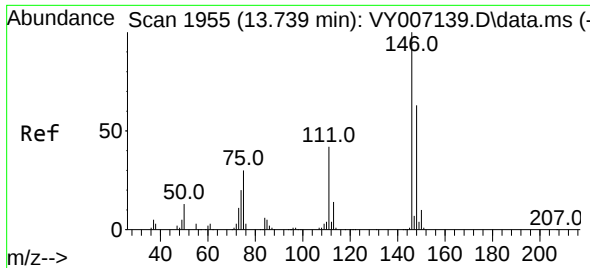
Tgt Ion: 117 Resp: 65704

Ion Ratio Lower Upper

117 100

201 66.6 33.6 100.6

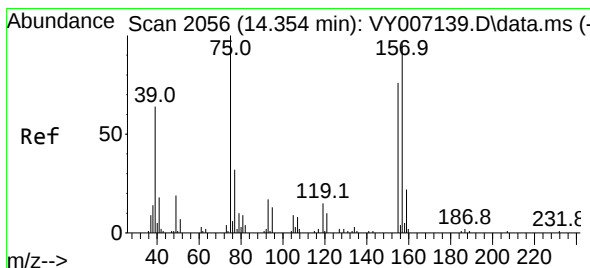
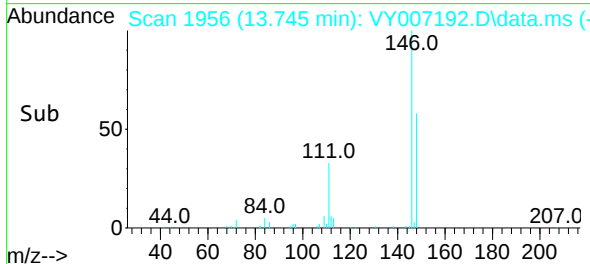
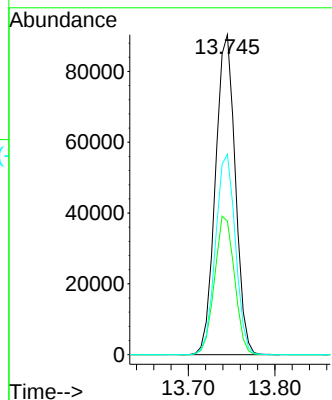
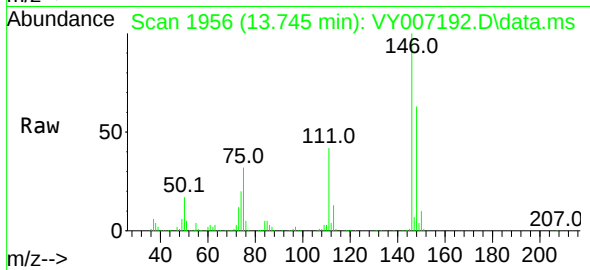




#91  
1,2-Dichlorobenzene  
Concen: 48.038 ug/l  
RT: 13.745 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

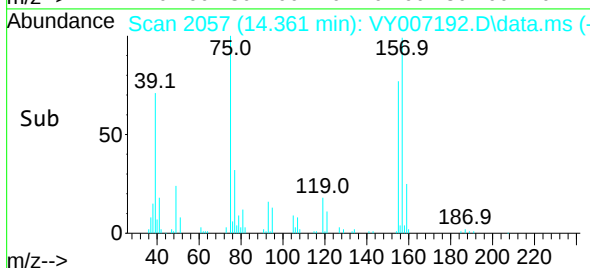
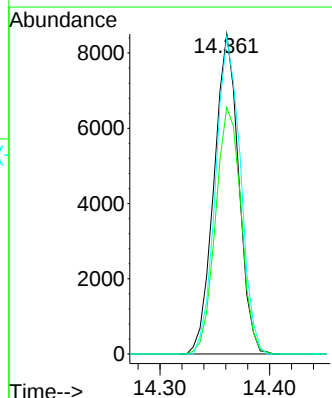
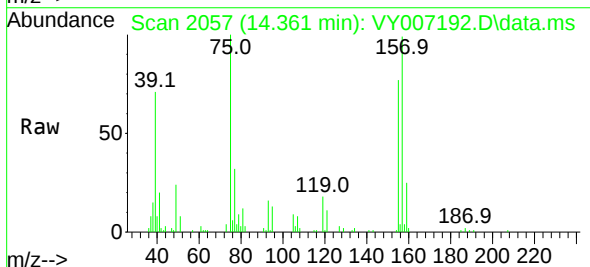
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

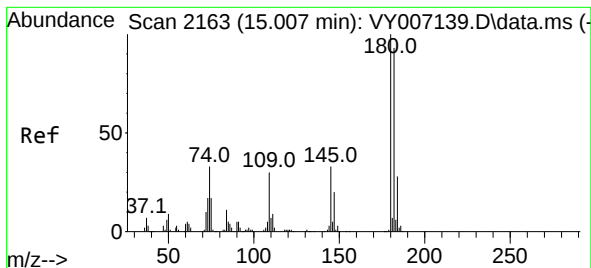
Tgt Ion:146 Resp: 143832  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.4 64.3  
148 62.9 31.1 93.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.064 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion: 75 Resp: 13285  
Ion Ratio Lower Upper  
75 100  
155 79.5 40.1 120.2  
157 99.6 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 45.468 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

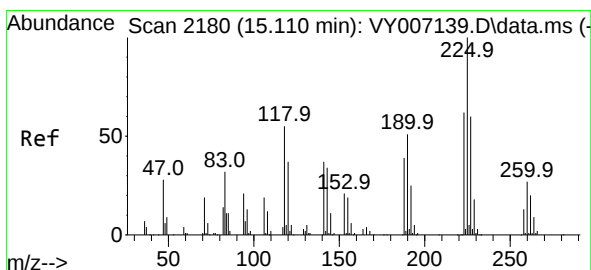
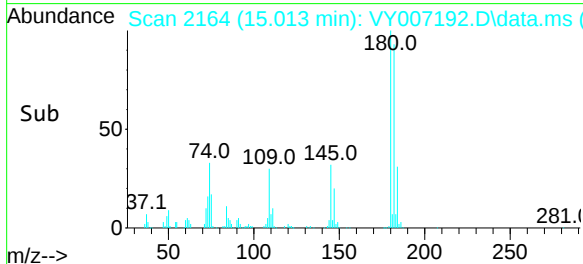
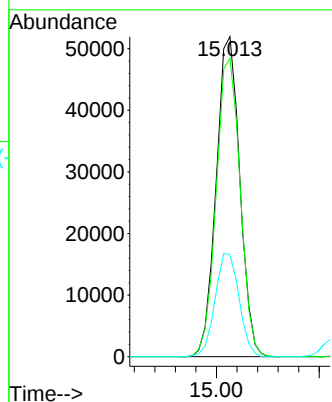
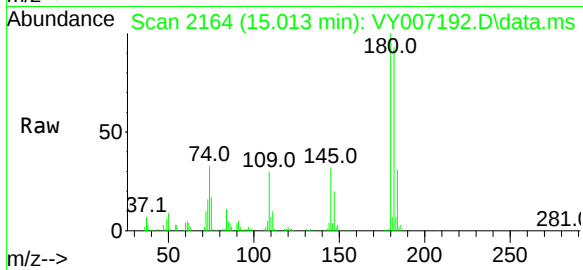
Tgt Ion:180 Resp: 82787

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.8

145 32.7 16.4 49.1



#94

Hexachlorobutadiene

Concen: 43.609 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY007192.D

Acq: 17 Jan 2022 17:19

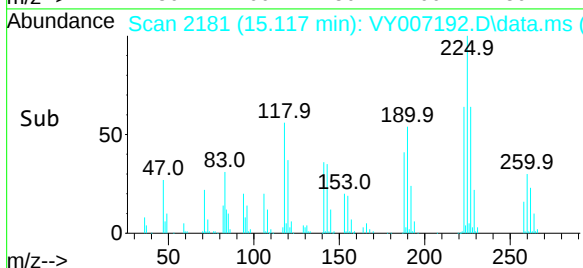
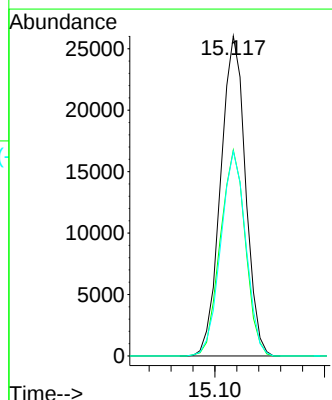
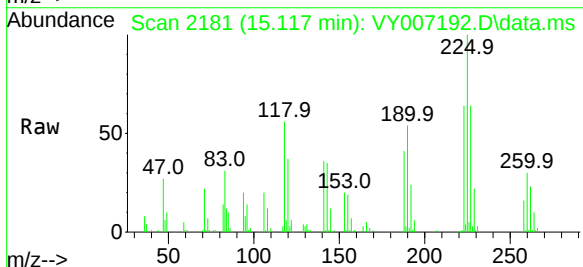
Tgt Ion:225 Resp: 40922

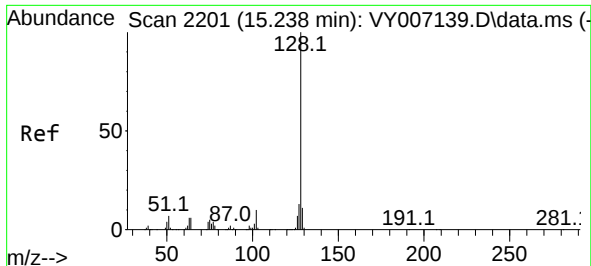
Ion Ratio Lower Upper

225 100

223 64.8 32.6 97.8

227 64.4 32.0 96.2

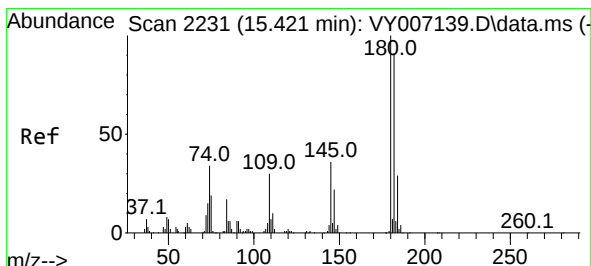
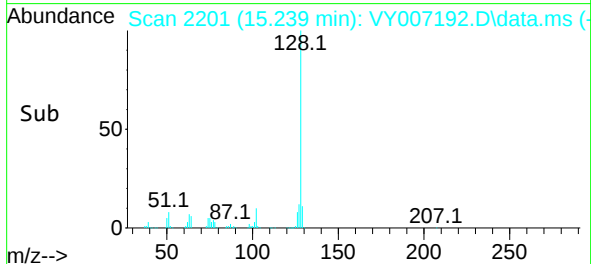
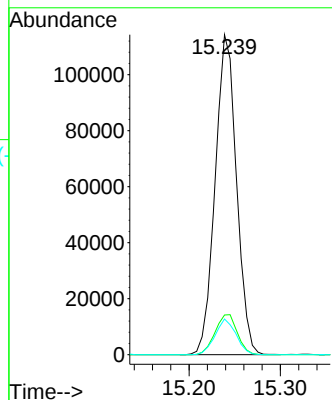
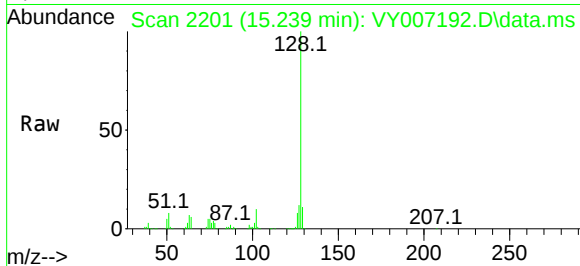




#95  
Naphthalene  
Concen: 47.930 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 185356  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 11.0 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 45.425 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY007192.D  
Acq: 17 Jan 2022 17:19

Tgt Ion:180 Resp: 70563  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.3 141.8  
145 34.9 17.2 51.5

