

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041221\  
 Data File : VY004391.D  
 Acq On : 12 Apr 2021 17:58  
 Operator : SY/MD  
 Sample : M1998-10MSD  
 Misc : 3.51G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 13 03:56:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 159490   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 263401   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 210946   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 74108    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 86113    | 48.60    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.20%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 34678    | 23.72    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 47.44%# |
| 50) Toluene-d8              | 10.185 | 98    | 287493   | 46.24    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 92.48%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 80684    | 38.24    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 76.48%  |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 77473  | 52.43  | ug/l   | 98  |
| 3) Chloromethane             | 2.119 | 50  | 106988 | 50.07  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.259 | 62  | 119665 | 53.03  | ug/l   | 98  |
| 5) Bromomethane              | 2.662 | 94  | 51062  | 46.38  | ug/l   | 99  |
| 6) Chloroethane              | 2.802 | 64  | 71574  | 52.90  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.137 | 101 | 138517 | 49.08  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.540 | 74  | 47727  | 50.03  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.918 | 101 | 68174  | 43.55  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.101 | 142 | 78868  | 42.09  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.978 | 59  | 35408  | 202.75 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 79221  | 51.17  | ug/l   | 99  |
| 13) Acrolein                 | 3.741 | 56  | 3146   | 16.21  | ug/l   | 99  |
| 14) Allyl chloride           | 4.497 | 41  | 129804 | 43.84  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.186 | 53  | 111272 | 217.42 | ug/l   | 100 |
| 16) Acetone                  | 3.960 | 43  | 141951 | 388.04 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.204 | 76  | 216947 | 45.51  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.491 | 43  | 22469  | 18.20  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.241 | 73  | 228631 | 49.15  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.735 | 84  | 93219  | 54.47  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.235 | 96  | 87476  | 49.94  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.137 | 45  | 308412 | 49.28  | ug/l   | 91  |
| 23) Vinyl Acetate            | 6.137 | 43  | 153481 | 36.02  | ug/l # | 75  |
| 24) 1,1-Dichloroethane       | 6.033 | 63  | 164883 | 51.57  | ug/l   | 99  |
| 25) 2-Butanone               | 7.003 | 43  | 154546 | 228.95 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.996 | 77  | 142133 | 49.54  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 98790  | 50.41  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.350 | 49  | 79184  | 54.49  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.362 | 42  | 102911 | 213.39 | ug/l   | 99  |
| 30) Chloroform               | 7.521 | 83  | 161686 | 51.46  | ug/l   | 100 |
| 31) Cyclohexane              | 7.795 | 56  | 116706 | 35.93  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 141062 | 49.48  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.929 | 75  | 119773 | 45.76  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.088 | 43  | 38098  | 22.60  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.911 | 117 | 92470  | 40.87  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 76864  | 23.85  | ug/l   | 99  |
| 40) Benzene                  | 8.173 | 78  | 361486 | 49.14  | ug/l   | 99  |

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 Sample : M1998-10MSD  
 Misc : 3.51G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 13 03:56:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 97759    | 95.71  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 109613   | 47.51  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 123618   | 38.69  | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 161251   | 80.40  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 92975    | 48.98  | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 48046    | 46.49  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.502  | 83   | 119066   | 47.59  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.301  | 41   | 44452    | 30.21  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 11689    | 865.97 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 361748   | 220.40 | ug/l   | 100      |
| 52) Toluene                   | 10.252 | 92   | 217960   | 45.79  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 117430   | 42.55  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 127890   | 40.80  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 65494    | 45.99  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 77896    | 37.72  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 118400   | 46.59  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 271614   | 257.05 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 237724   | 216.06 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.990 | 129  | 75644    | 44.70  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 61284    | 44.63  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 118262   | 64.40  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 204418   | 47.49  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 76644    | 49.88  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.599 | 91   | 367393   | 45.61  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.709 | 106  | 270931   | 90.52  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 127575   | 45.49  | ug/l   | 98       |
| 70) Styrene                   | 12.050 | 104  | 218845   | 47.11  | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 42285    | 46.40  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 289743   | 50.60  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 89431    | 46.39  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.593 | 83   | 1140     | 1.05   | ug/l # | 71       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 89281    | 112.25 | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 75969    | 59.18  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 312573   | 46.20  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 191578   | 51.78  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 217132   | 46.65  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 20030    | 45.05  | ug/l # | 76       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 204111   | 52.24  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.081 | 119  | 156792   | 39.36  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 222749   | 47.42  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 184953   | 33.28  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 173267   | 34.28  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 112476   | 46.91  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 116033   | 48.08  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.703 | 91   | 130102   | 26.96  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 15568    | 22.95  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 101686   | 47.78  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 11204    | 57.63  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 37340    | 26.54  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 7443     | 10.13  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 138288   | 45.21  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 31909    | 25.71  | ug/l   | 98       |

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Sample : M1998-10MSD  
Misc : 3.51G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 20 Sample Multiplier: 1

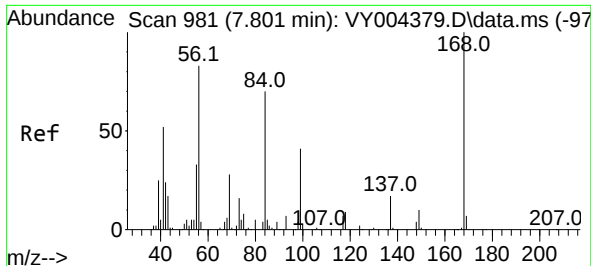
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Apr 13 03:56:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

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

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

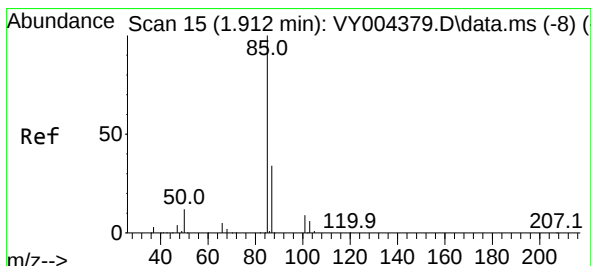
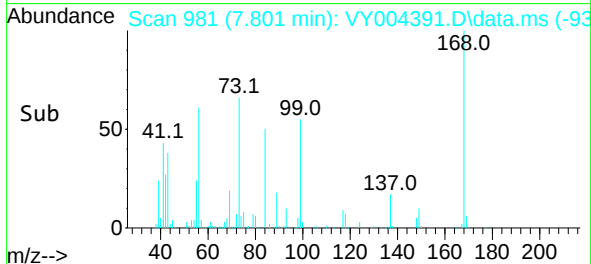
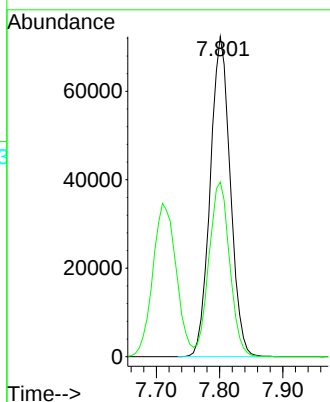
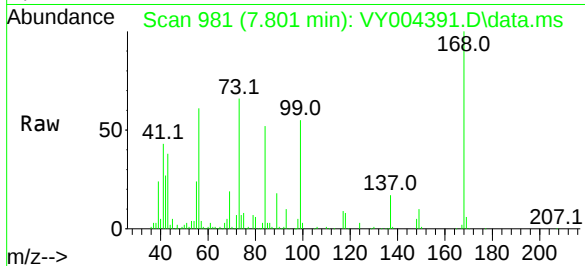




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

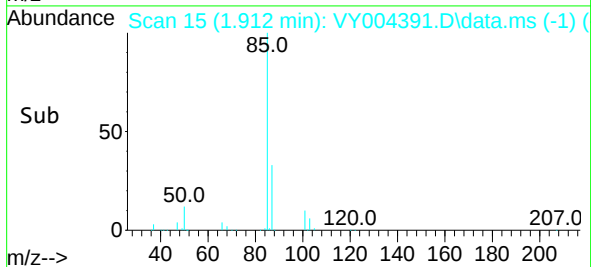
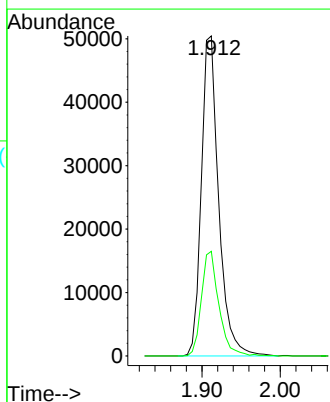
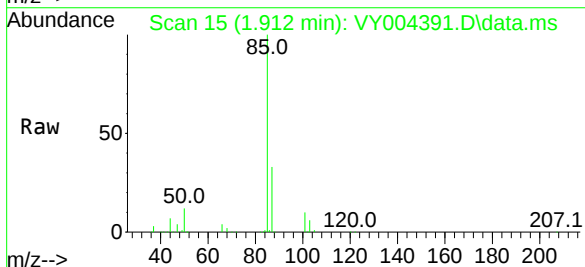
Instrument :  
MSVOA\_Y  
ClientSampleId :

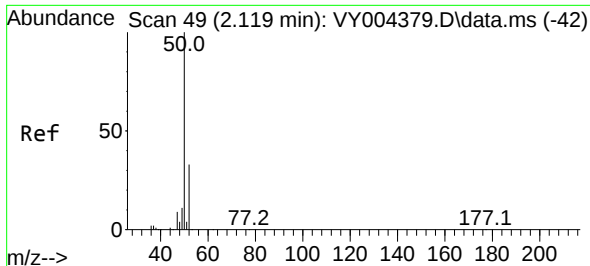
Tgt Ion:168 Resp: 159490  
Ion Ratio Lower Upper  
168 100  
99 54.6 45.5 68.3



#2  
Dichlorodifluoromethane  
Concen: 52.43 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 85 Resp: 77473  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.8 50.4

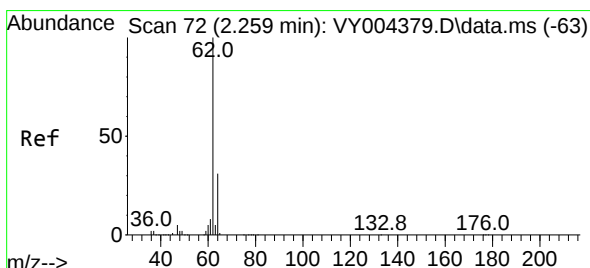
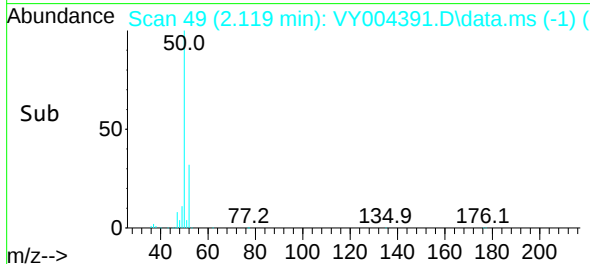
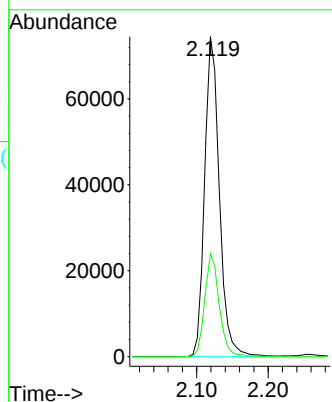
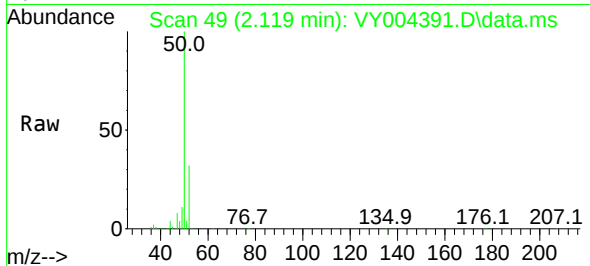




#3  
Chloromethane  
Concen: 50.07 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

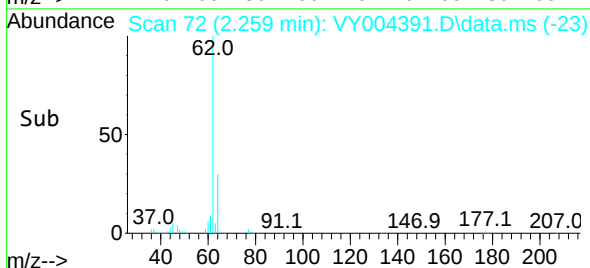
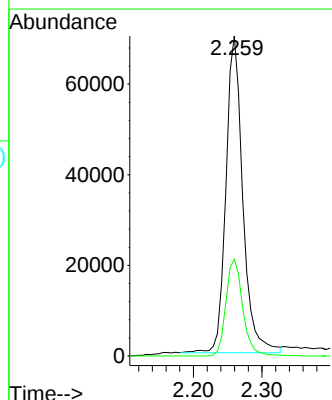
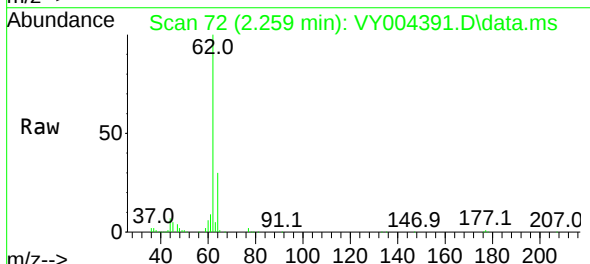
Instrument :  
MSVOA\_Y  
ClientSampled :

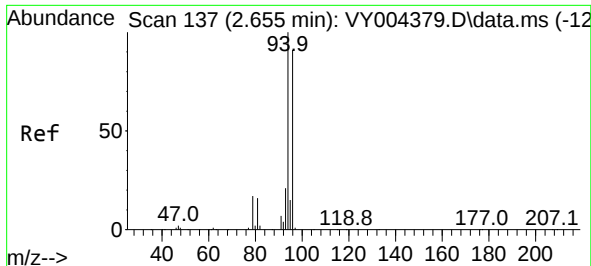
Tgt Ion: 50 Resp: 106988  
Ion Ratio Lower Upper  
50 100  
52 32.2 26.6 39.8



#4  
Vinyl Chloride  
Concen: 53.03 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

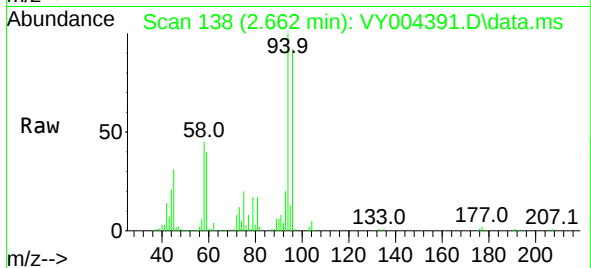
Tgt Ion: 62 Resp: 119665  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.1 37.7



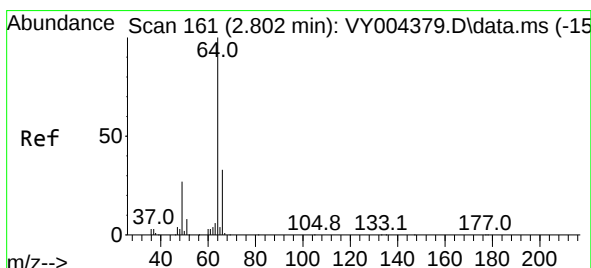
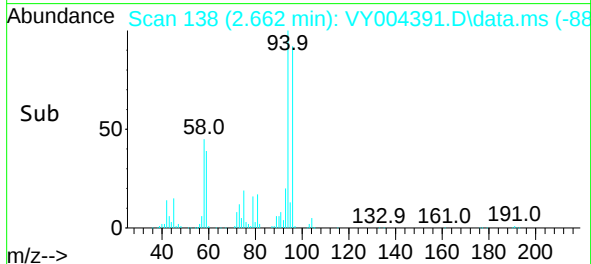
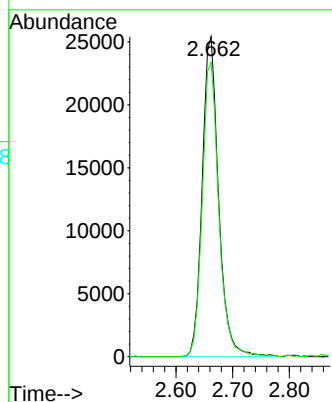


#5  
Bromomethane  
Concen: 46.38 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Instrument :  
MSVOA\_Y  
ClientSampled :

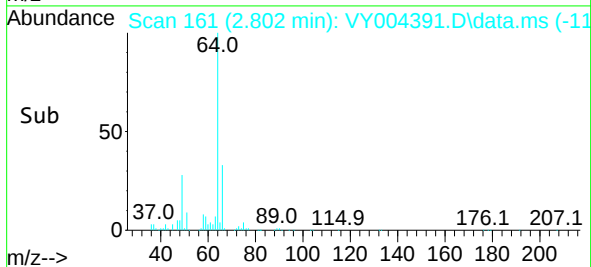
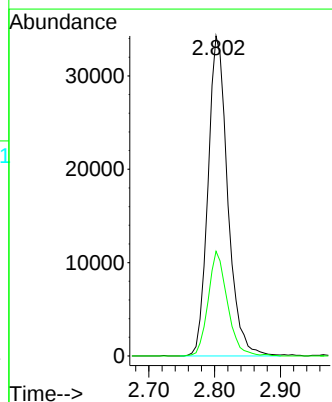
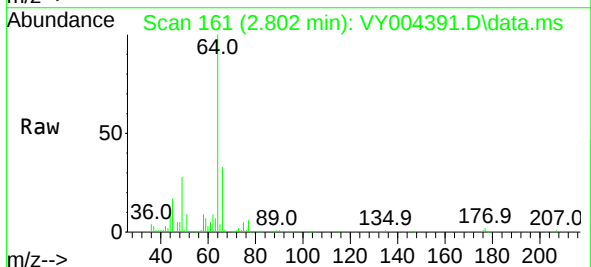


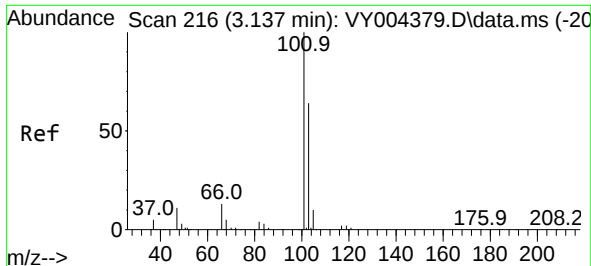
Tgt Ion: 94 Resp: 51062  
Ion Ratio Lower Upper  
94 100  
96 91.9 72.6 108.8



#6  
Chloroethane  
Concen: 52.90 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 64 Resp: 71574  
Ion Ratio Lower Upper  
64 100  
66 32.7 26.3 39.5

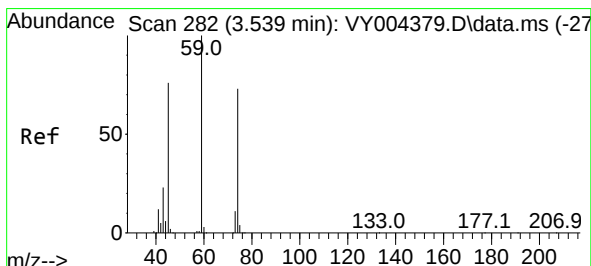
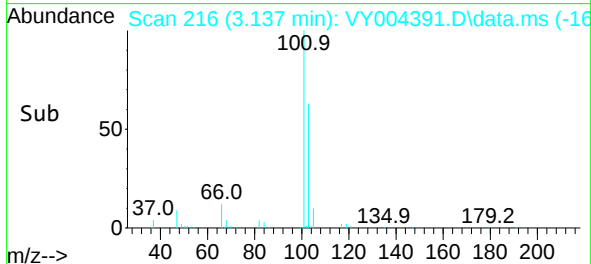
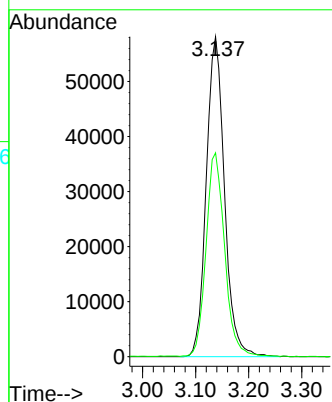
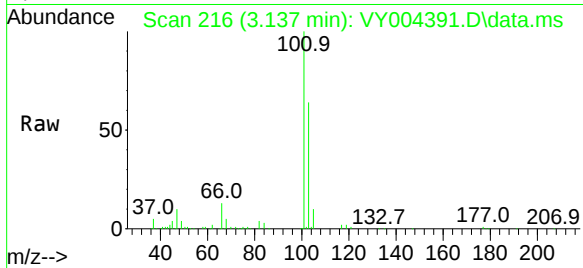




#7  
Trichlorofluoromethane  
Concen: 49.08 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

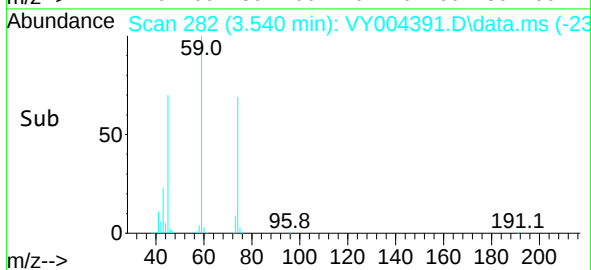
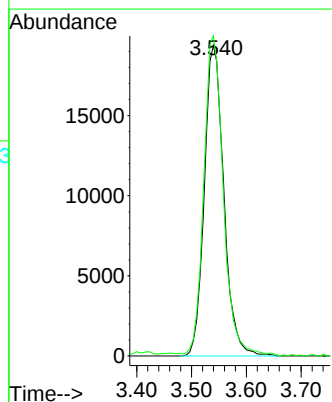
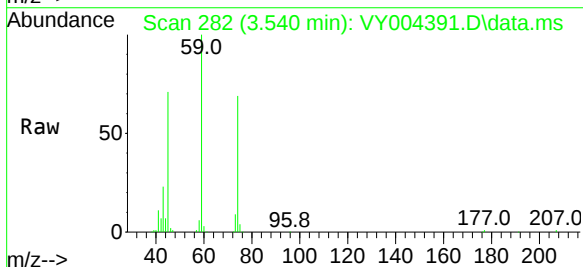
Instrument :  
MSVOA\_Y  
ClientSampled :

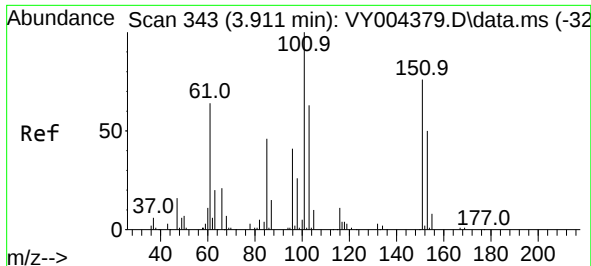
Tgt Ion:101 Resp: 138517  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.2 76.8



#8  
Diethyl Ether  
Concen: 50.03 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 74 Resp: 47727  
Ion Ratio Lower Upper  
74 100  
45 103.7 52.3 156.8

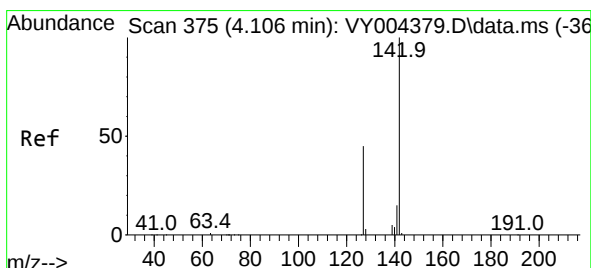
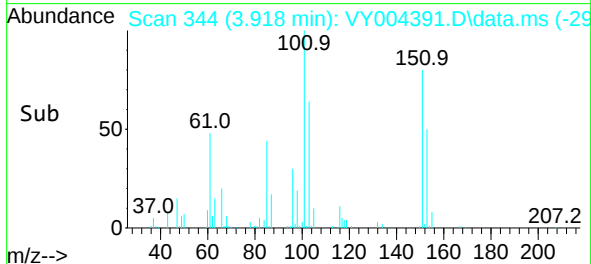
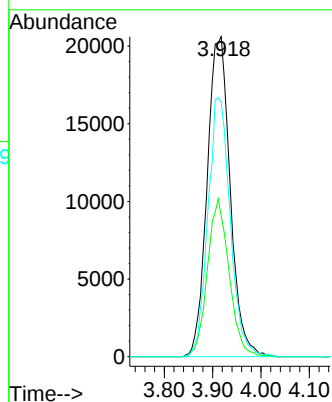
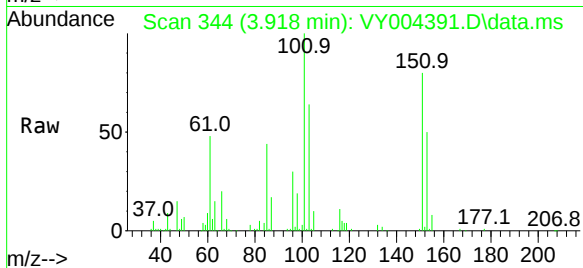




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.55 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. 0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

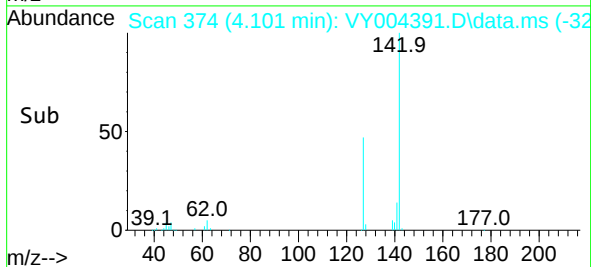
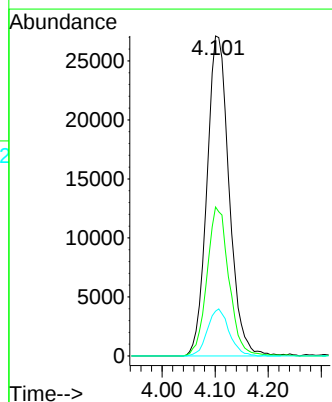
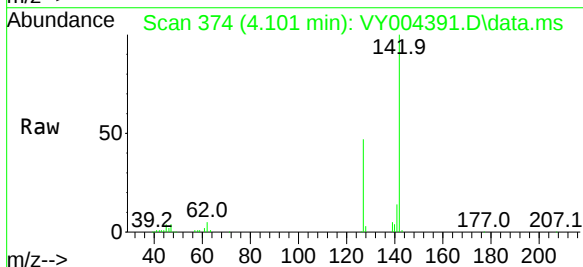
Instrument :  
MSVOA\_Y  
ClientSampleId :

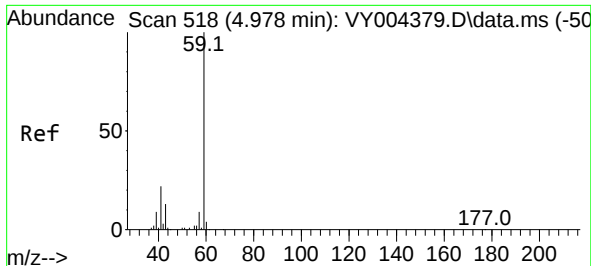
Tgt Ion:101 Resp: 68174  
Ion Ratio Lower Upper  
101 100  
85 46.4 36.9 55.3  
151 78.7 62.0 93.0



#10  
Methyl Iodide  
Concen: 42.09 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:142 Resp: 78868  
Ion Ratio Lower Upper  
142 100  
127 46.2 36.2 54.4  
141 14.3 11.6 17.4

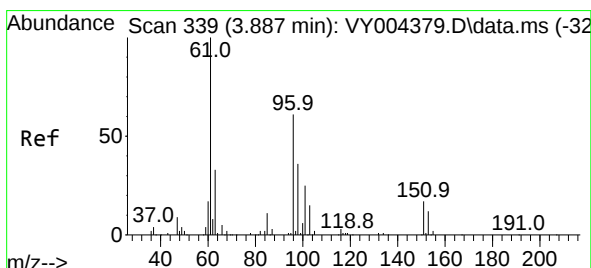
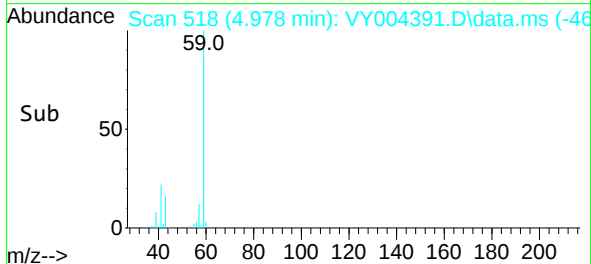
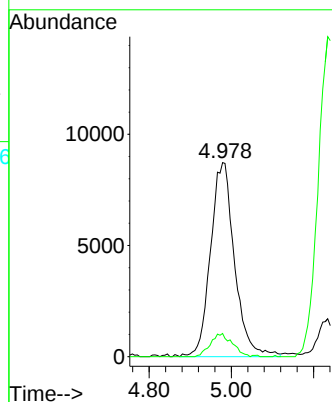
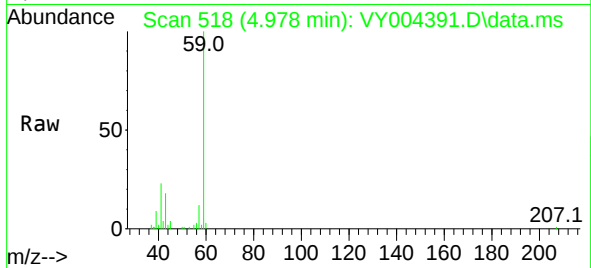




#11  
Tert butyl alcohol  
Concen: 202.75 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

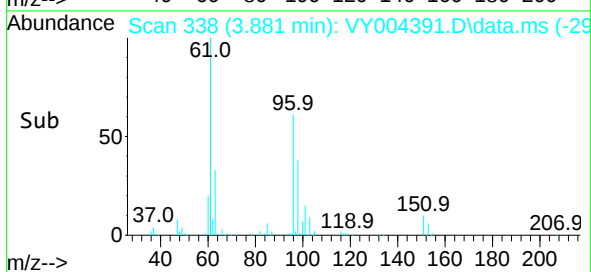
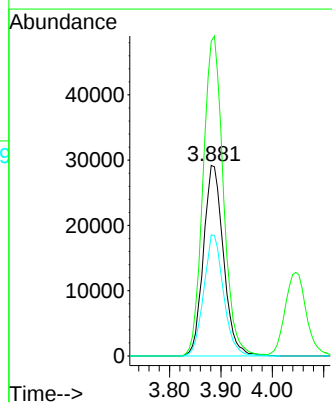
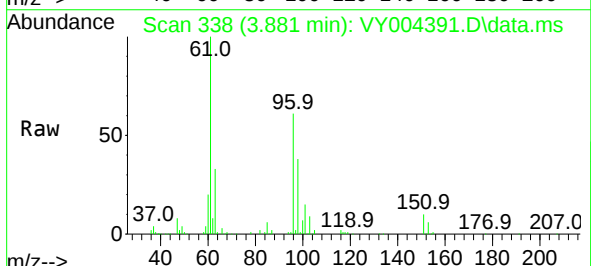
Instrument :  
MSVOA\_Y  
ClientSampled :

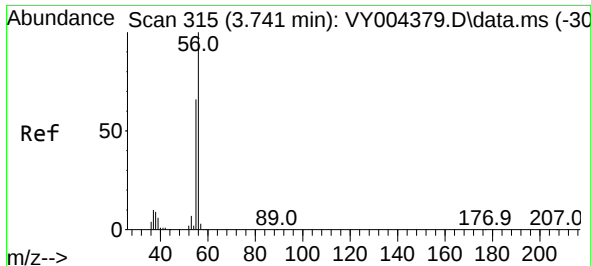
Tgt Ion: 59 Resp: 35408  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 51.17 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

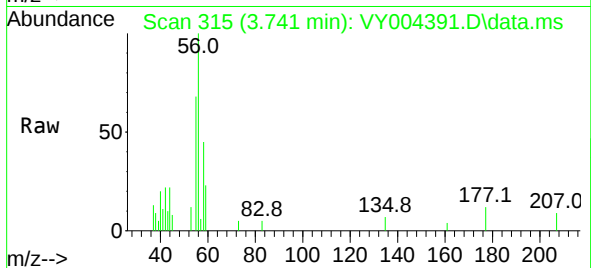
Tgt Ion: 96 Resp: 79221  
Ion Ratio Lower Upper  
96 100  
61 165.2 132.1 198.1  
98 63.6 48.2 72.2



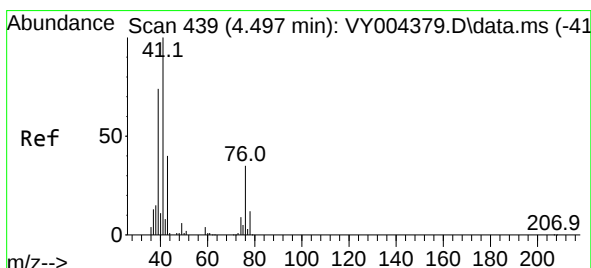
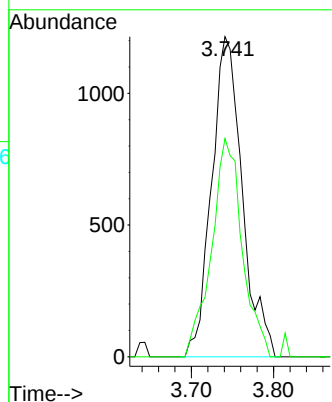
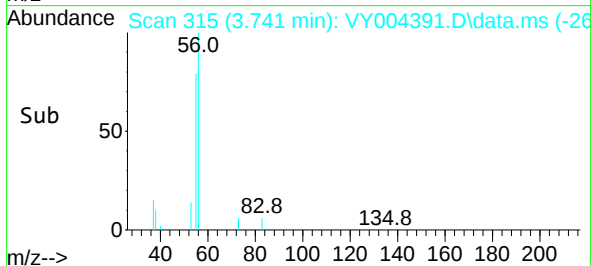


#13  
Acrolein  
Concen: 16.21 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

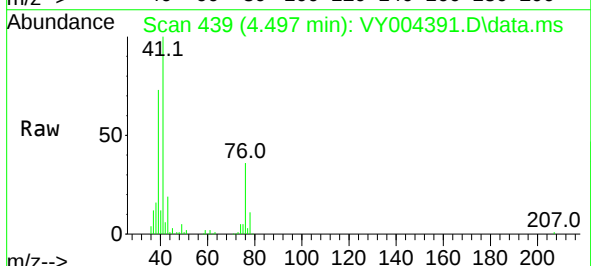
Instrument :  
MSVOA\_Y  
ClientSampled :



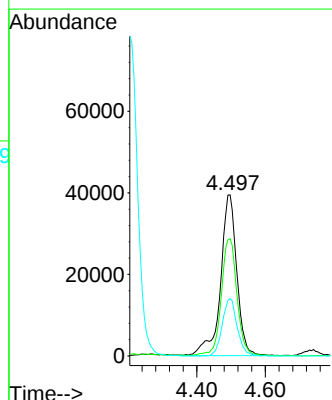
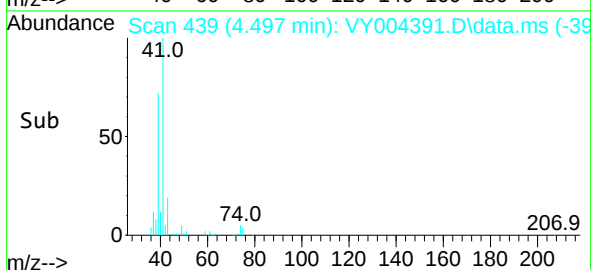
Tgt Ion: 56 Resp: 3146  
Ion Ratio Lower Upper  
56 100  
55 68.2 55.4 83.2

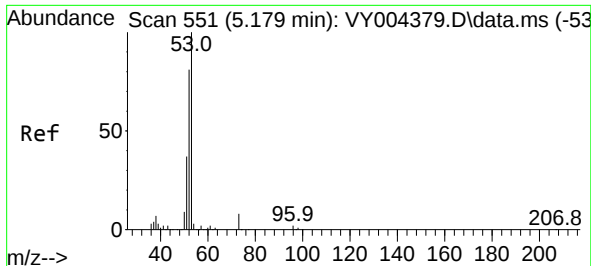


#14  
Allyl chloride  
Concen: 43.84 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58



Tgt Ion: 41 Resp: 129804  
Ion Ratio Lower Upper  
41 100  
39 69.7 56.9 85.3  
76 32.5 26.8 40.2

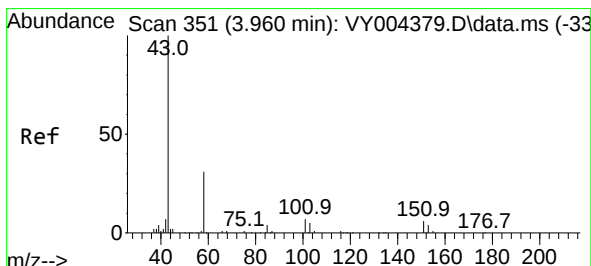
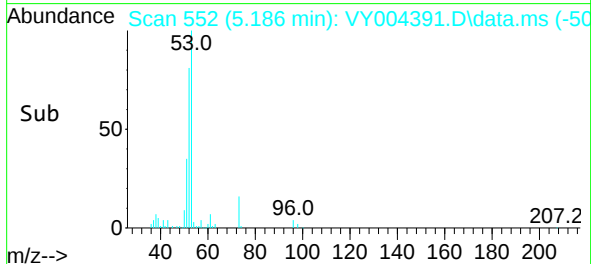
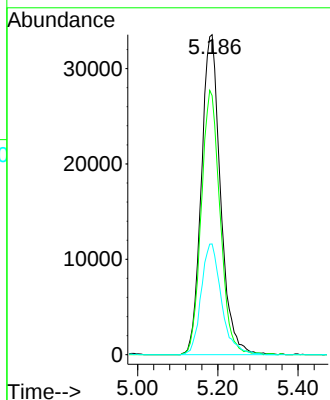
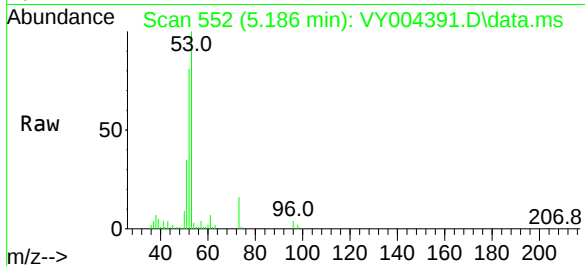




#15  
Acrylonitrile  
Concen: 217.42 ug/l  
RT: 5.186 min Scan# 552  
Delta R.T. 0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

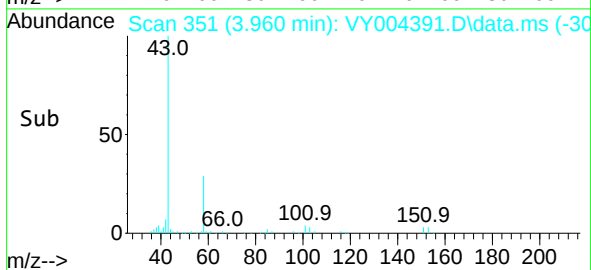
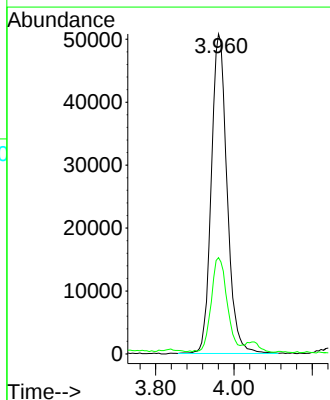
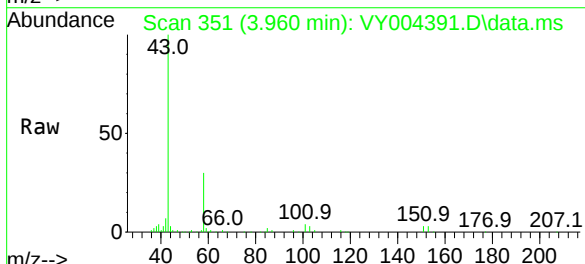
Instrument :  
MSVOA\_Y  
ClientSampled :

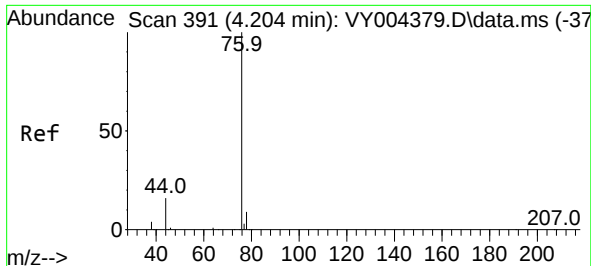
Tgt Ion: 53 Resp: 111272  
Ion Ratio Lower Upper  
53 100  
52 81.0 64.9 97.3  
51 36.6 29.3 43.9



#16  
Acetone  
Concen: 388.04 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

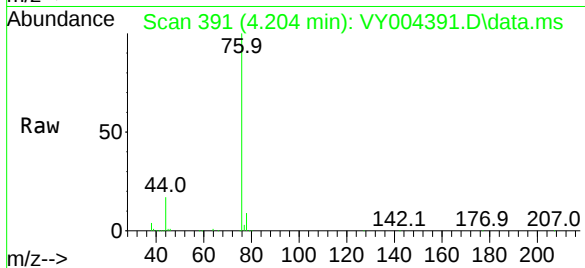
Tgt Ion: 43 Resp: 141951  
Ion Ratio Lower Upper  
43 100  
58 29.4 24.6 37.0



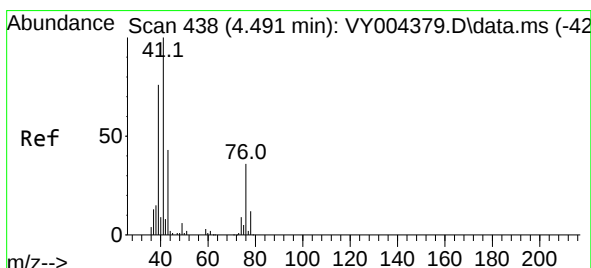
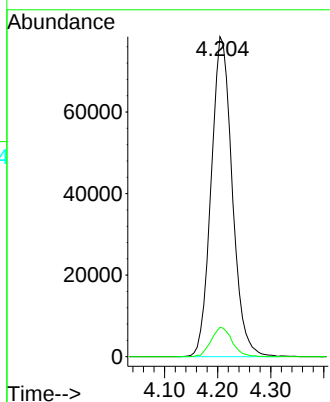
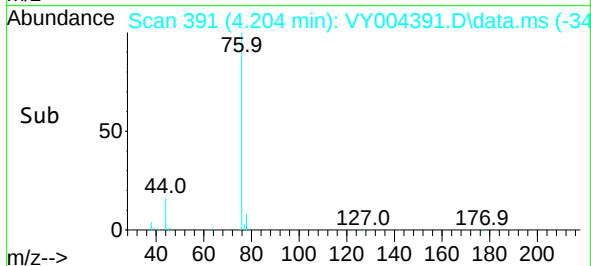


#17  
Carbon Disulfide  
Concen: 45.51 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

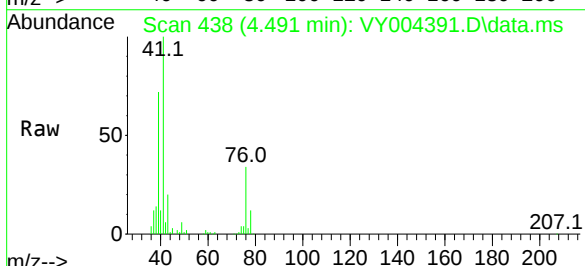
Instrument :  
MSVOA\_Y  
ClientSampleId :



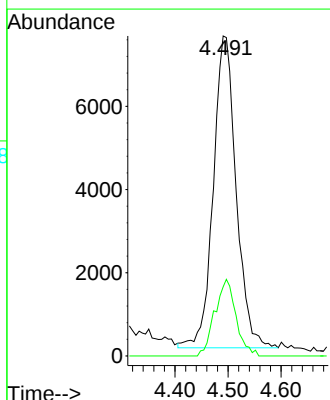
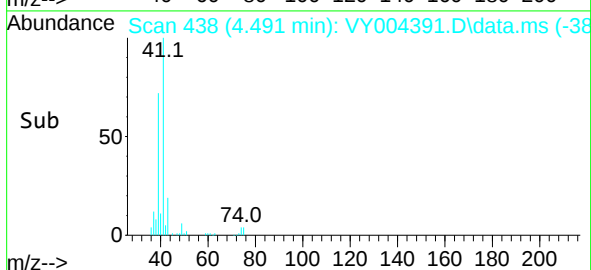
Tgt Ion: 76 Resp: 216947  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2

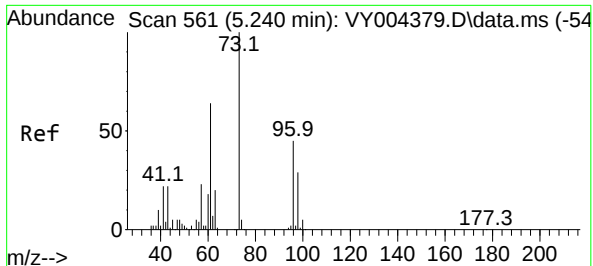


#18  
Methyl Acetate  
Concen: 18.20 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58



Tgt Ion: 43 Resp: 22469  
Ion Ratio Lower Upper  
43 100  
74 22.6 17.2 25.8



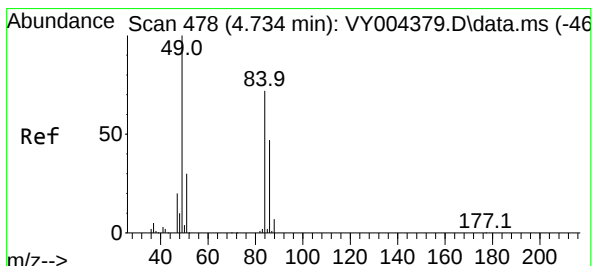
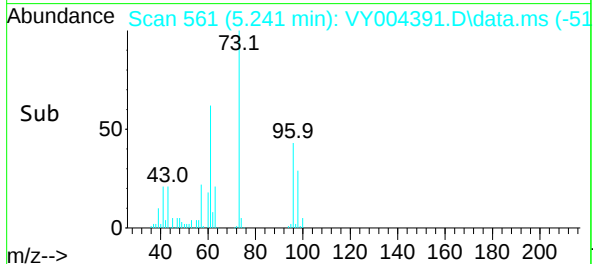
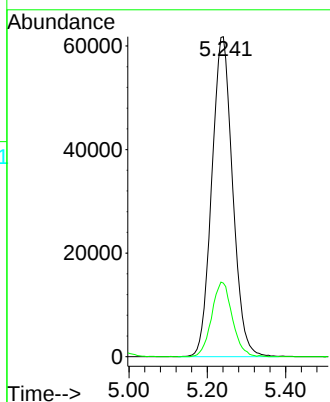
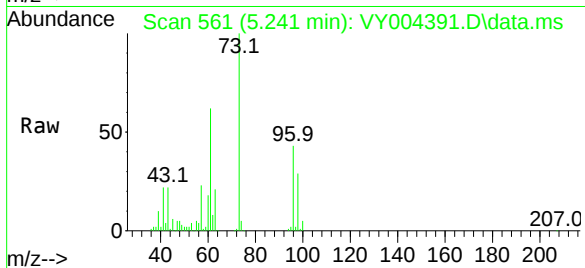


#19

Methyl tert-butyl Ether  
Concen: 49.15 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Instrument :  
MSVOA\_Y  
ClientSampleId :

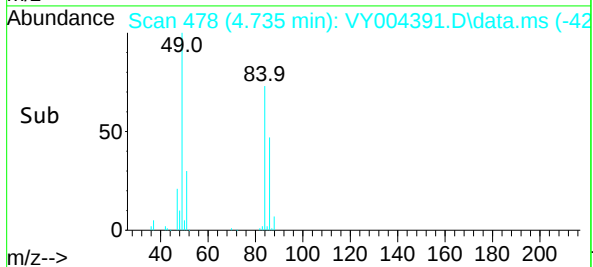
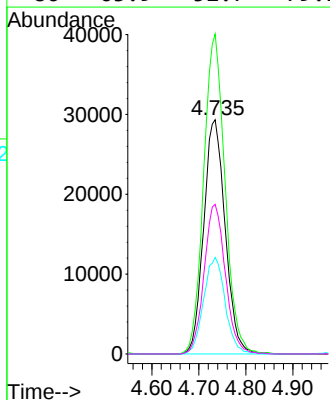
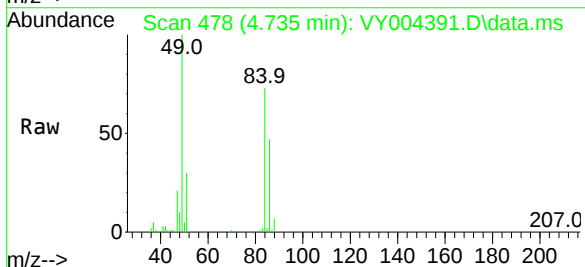
Tgt Ion: 73 Resp: 228631  
Ion Ratio Lower Upper  
73 100  
57 23.0 18.4 27.6

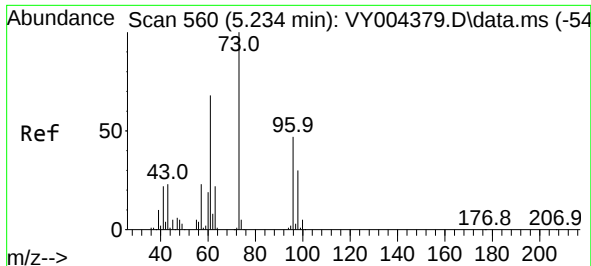


#20

Methylene Chloride  
Concen: 54.47 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

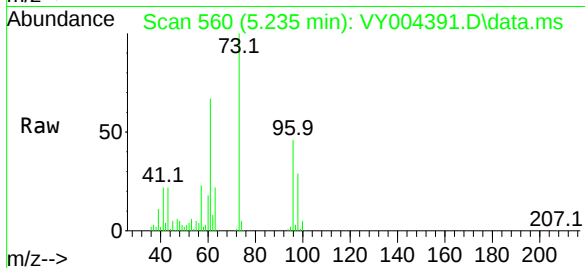
Tgt Ion: 84 Resp: 93219  
Ion Ratio Lower Upper  
84 100  
49 136.7 111.2 166.8  
51 41.2 33.4 50.2  
86 63.9 52.7 79.1



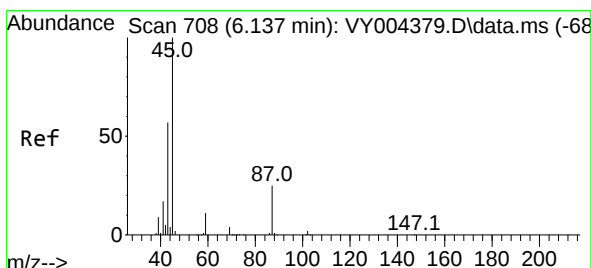
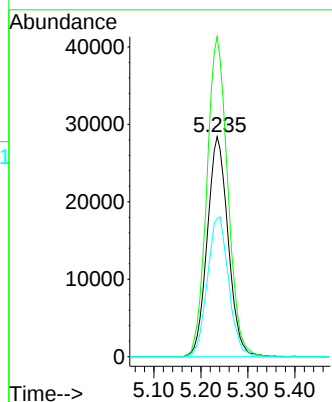
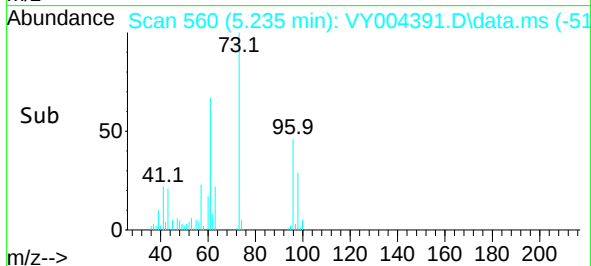


#21  
trans-1,2-Dichloroethene  
Concen: 49.94 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

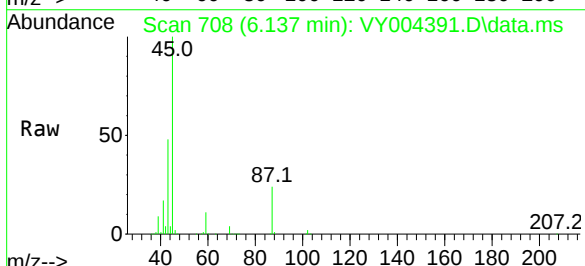
Instrument :  
MSVOA\_Y  
ClientSampleId :



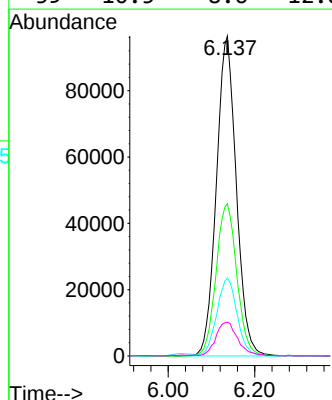
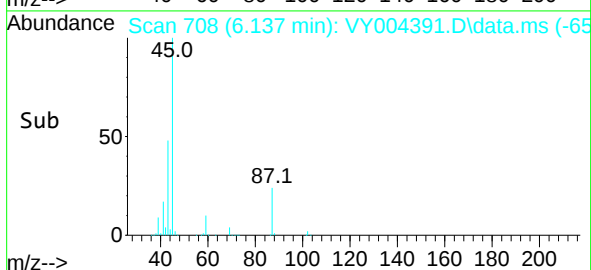
Tgt Ion: 96 Resp: 87476  
Ion Ratio Lower Upper  
96 100  
61 145.5 116.5 174.7  
98 62.8 52.0 78.0

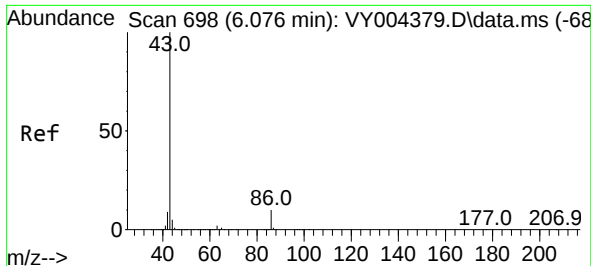


#22  
Diisopropyl ether  
Concen: 49.28 ug/l  
RT: 6.137 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58



Tgt Ion: 45 Resp: 308412  
Ion Ratio Lower Upper  
45 100  
43 47.6 46.3 69.5  
87 24.4 20.3 30.5  
59 10.5 8.6 12.8

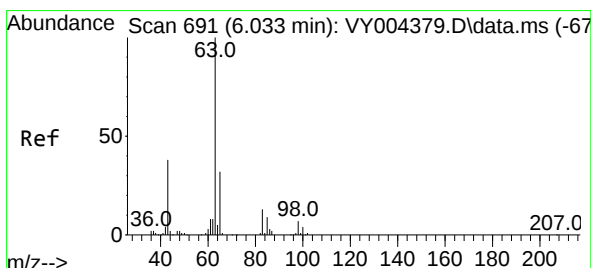
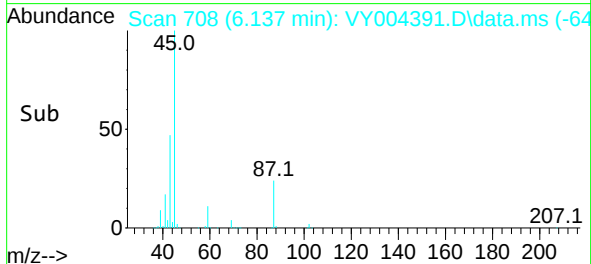
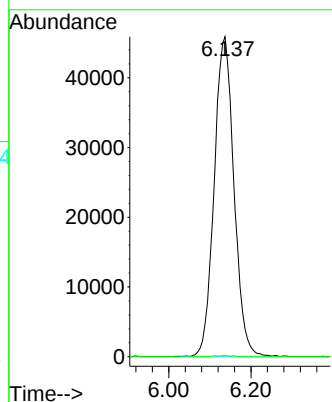
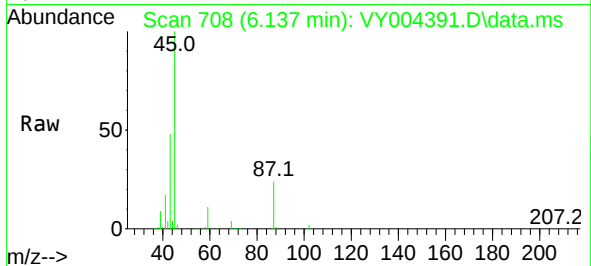




#23  
 Vinyl Acetate  
 Concen: 36.02 ug/l  
 RT: 6.137 min Scan# 708  
 Delta R.T. 0.061 min  
 Lab File: VY004391.D  
 Acq: 12 Apr 2021 17:58

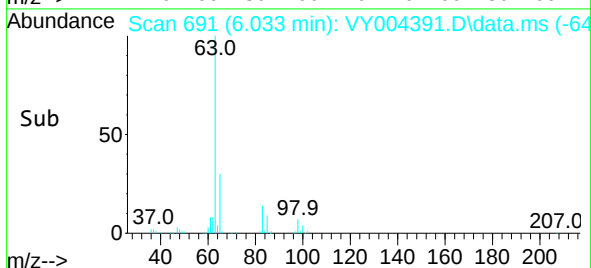
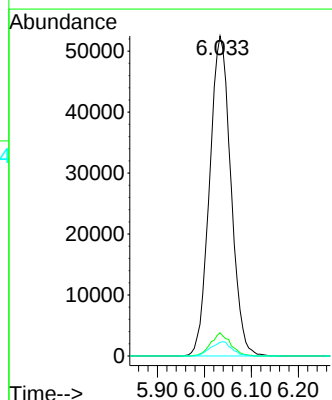
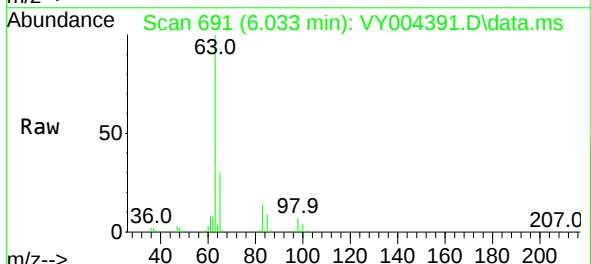
Instrument :  
 MSVOA\_Y  
 ClientSampled :

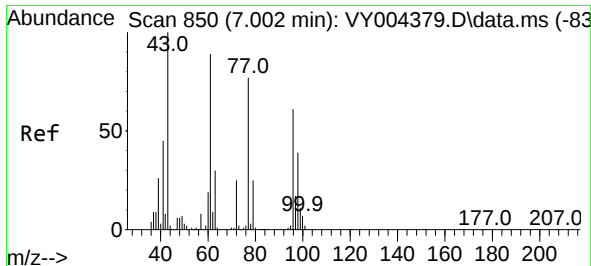
Tgt Ion: 43 Resp: 153481  
 Ion Ratio Lower Upper  
 43 100  
 86 0.5 7.6 11.4#



#24  
 1,1-Dichloroethane  
 Concen: 51.57 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.000 min  
 Lab File: VY004391.D  
 Acq: 12 Apr 2021 17:58

Tgt Ion: 63 Resp: 164883  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.3 9.9  
 100 4.2 2.0 6.0

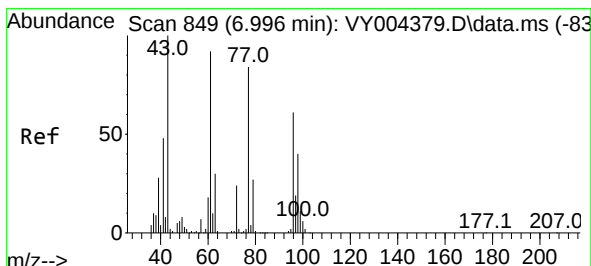
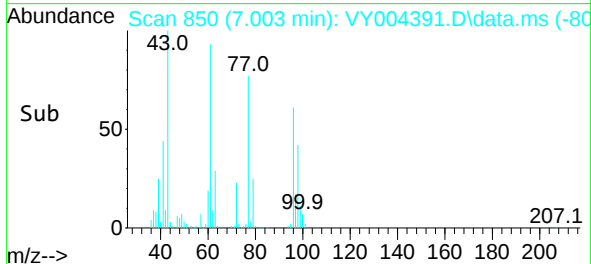
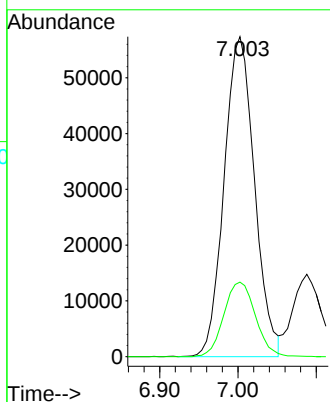
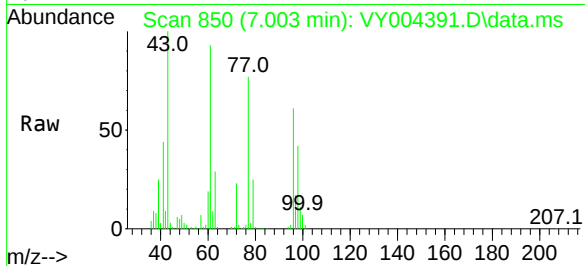




#25  
2-Butanone  
Concen: 228.95 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

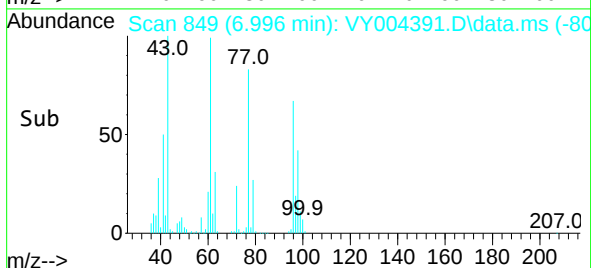
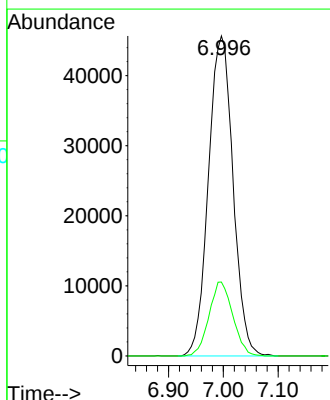
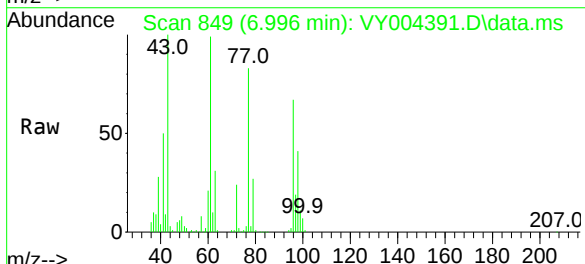
Instrument :  
MSVOA\_Y  
ClientSampled :

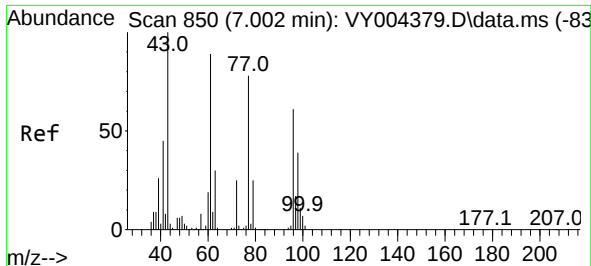
Tgt Ion: 43 Resp: 154546  
Ion Ratio Lower Upper  
43 100  
72 23.3 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 49.54 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 77 Resp: 142133  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.41 ug/l

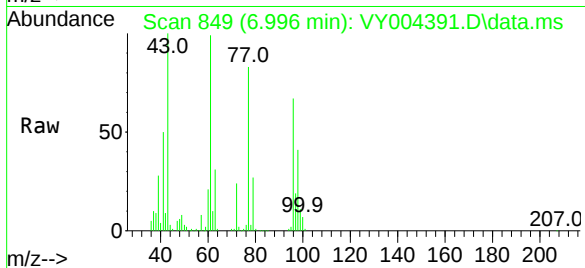
RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

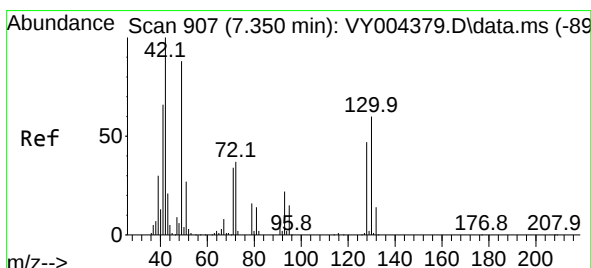
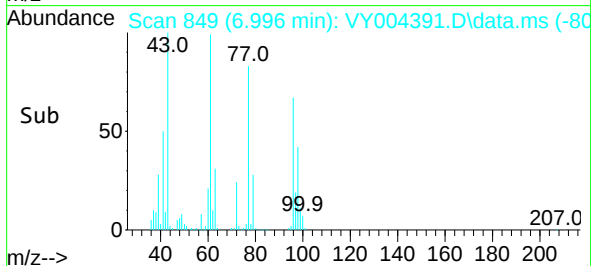
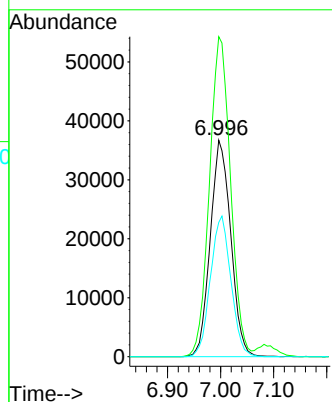
Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

Instrument :  
MSVOA\_Y  
ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 98790 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 151.5 | 0.0   | 303.2 |
| 98        | 64.8  | 0.0   | 130.0 |



#28

Bromochloromethane

Concen: 54.49 ug/l

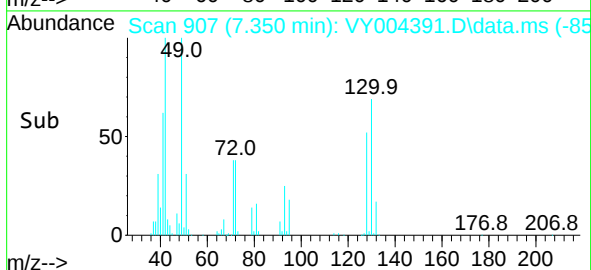
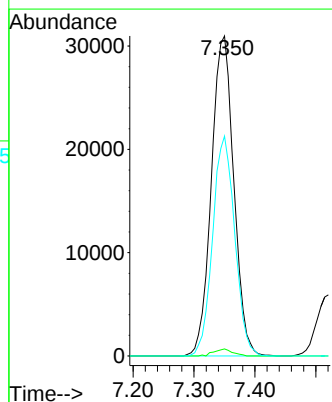
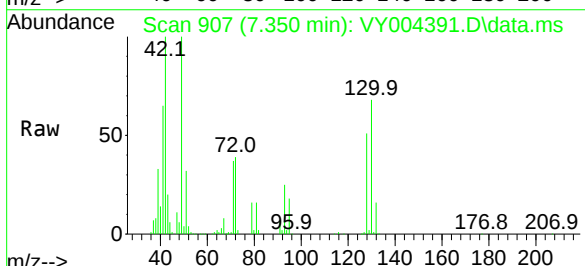
RT: 7.350 min Scan# 907

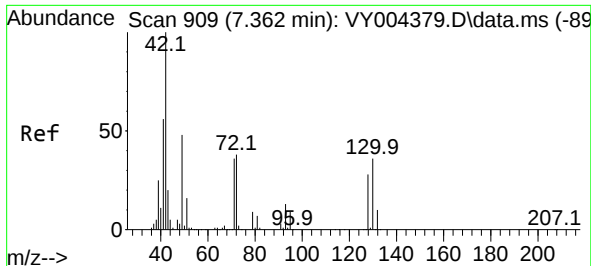
Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 79184 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 1.8   | 0.0   | 3.8   |
| 130       | 67.8  | 53.9  | 80.9  |





#29

Tetrahydrofuran

Concen: 213.39 ug/l

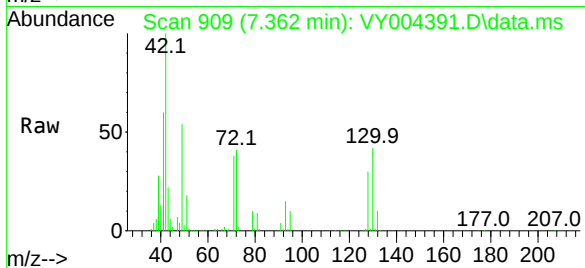
RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

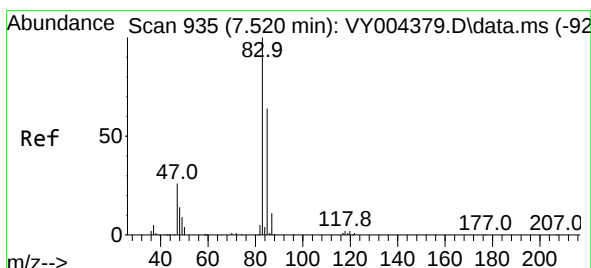
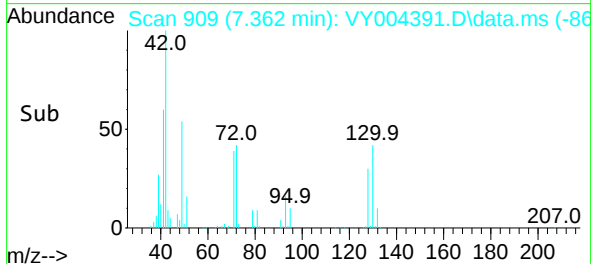
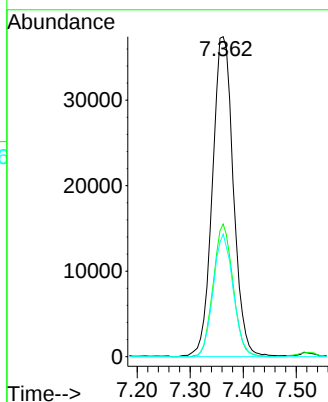
Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

Instrument :  
MSVOA\_Y  
ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 102911 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 39.1  | 31.0  | 46.4   |
| 71        | 36.5  | 28.8  | 43.2   |



#30

Chloroform

Concen: 51.46 ug/l

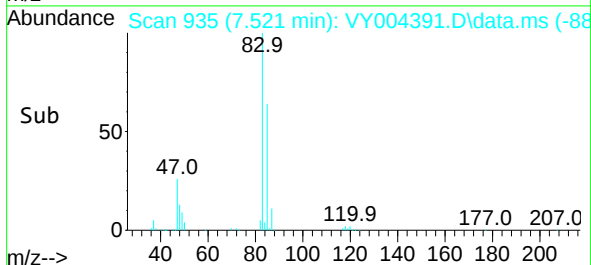
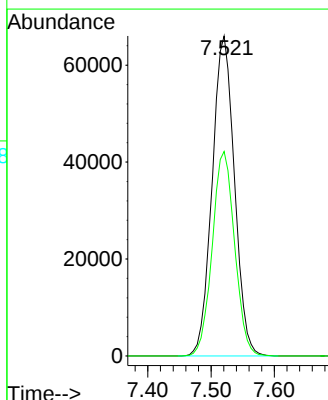
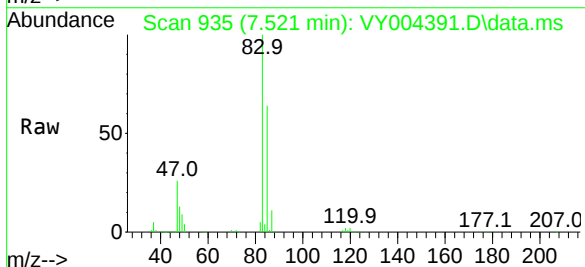
RT: 7.521 min Scan# 935

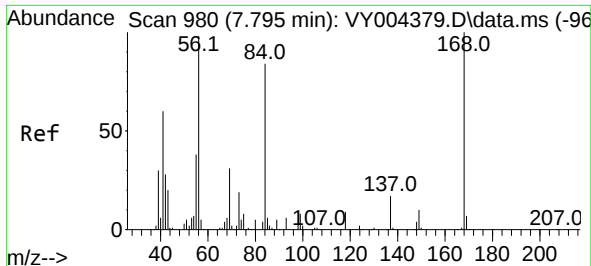
Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

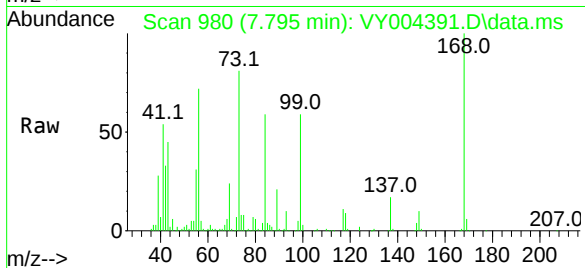
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 161686 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.9  | 51.3  | 76.9   |



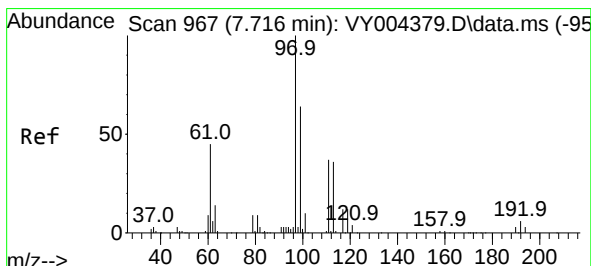
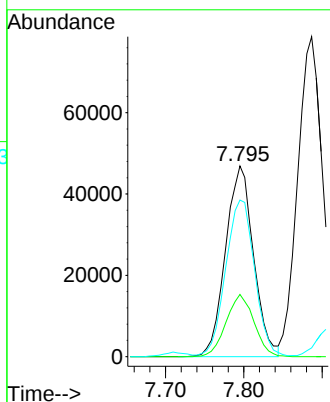
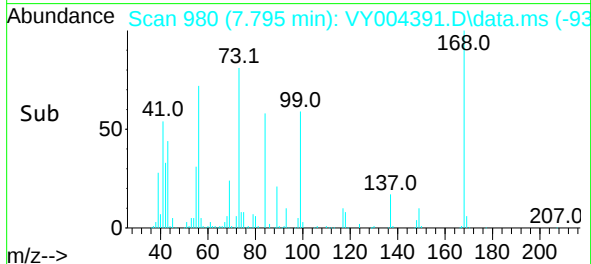


#31  
Cyclohexane  
Concen: 35.93 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

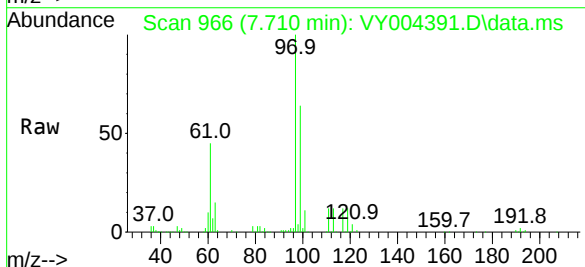
Instrument :  
MSVOA\_Y  
ClientSampleId :



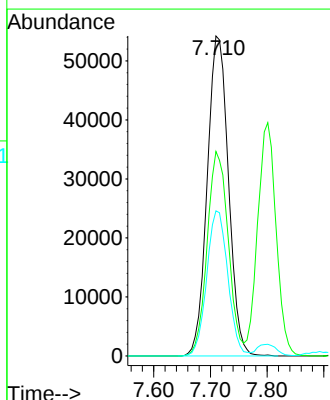
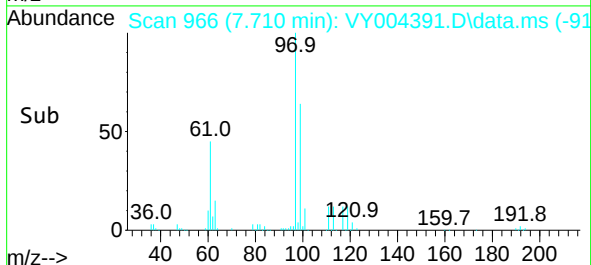
Tgt Ion: 56 Resp: 116706  
Ion Ratio Lower Upper  
56 100  
69 32.7 25.8 38.6  
84 80.2 68.2 102.4

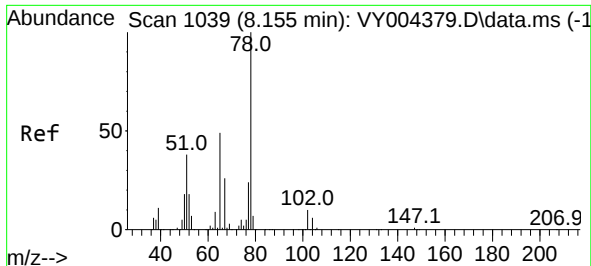


#32  
1,1,1-Trichloroethane  
Concen: 49.48 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58



Tgt Ion: 97 Resp: 141062  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.2 76.8  
61 45.2 36.2 54.2

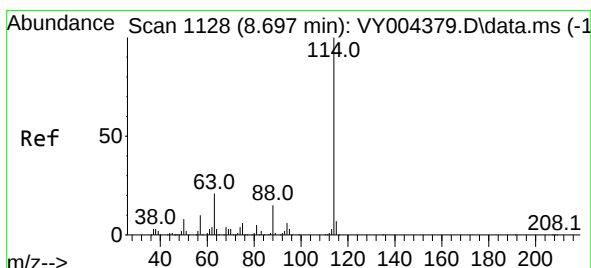
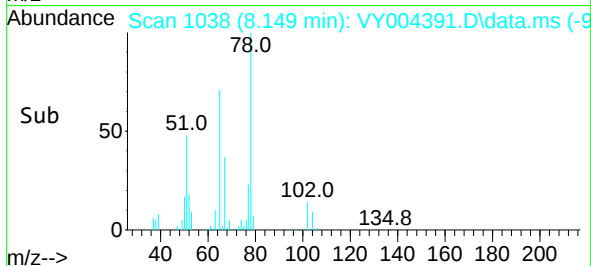
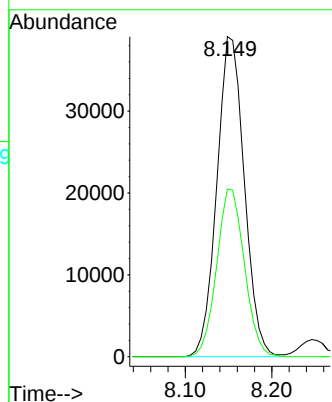
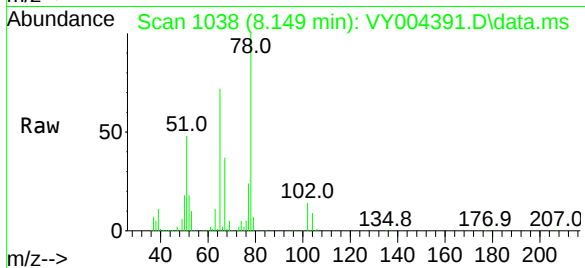




#33  
1,2-Dichloroethane-d4  
Concen: 48.60 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

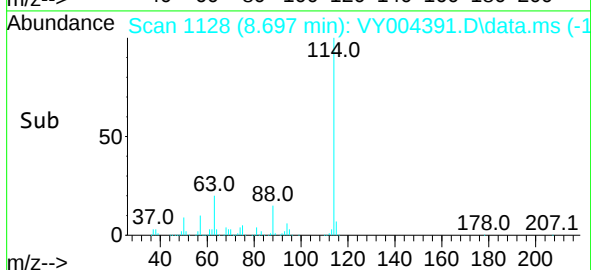
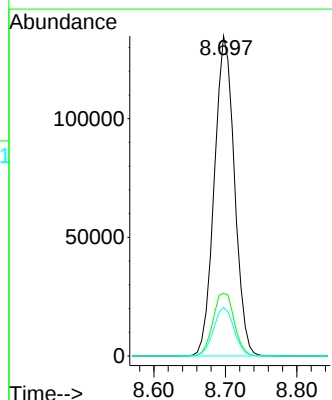
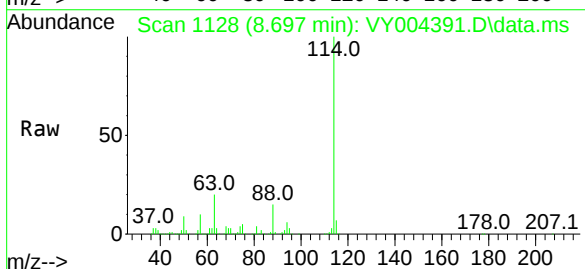
Instrument :  
MSVOA\_Y  
ClientSampled :

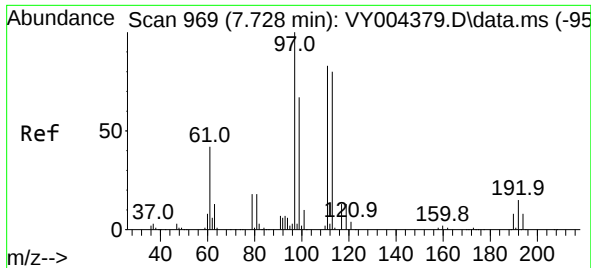
Tgt Ion: 65 Resp: 86113  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 106.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 114 Resp: 263401  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 42.4  
88 15.2 0.0 30.8

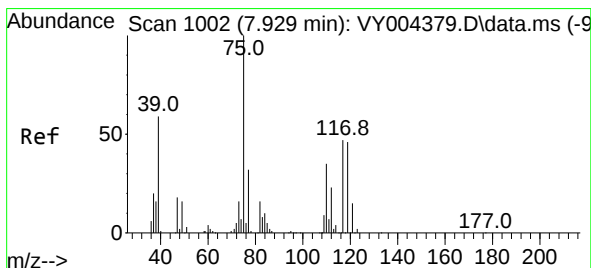
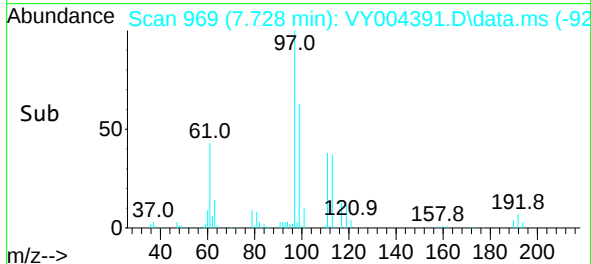
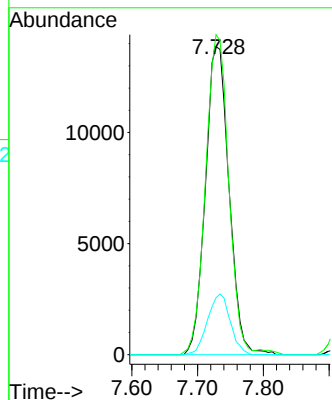
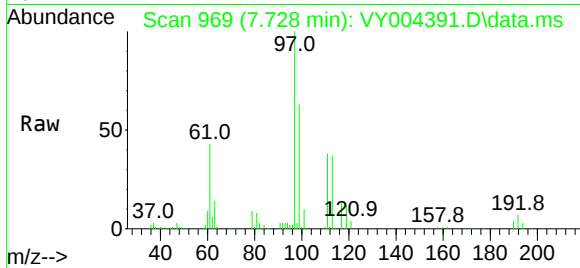




#35  
Dibromofluoromethane  
Concen: 23.72 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

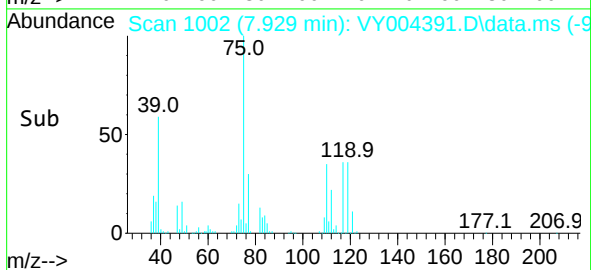
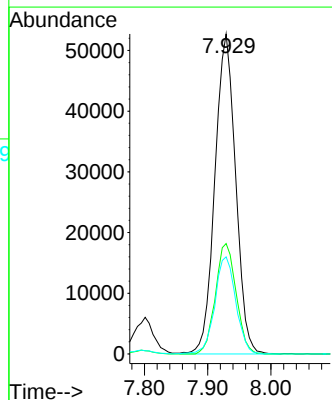
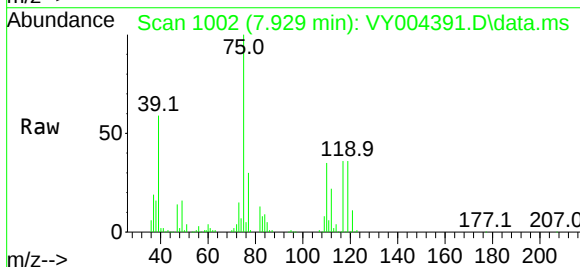
Instrument :  
MSVOA\_Y  
ClientSampleId :

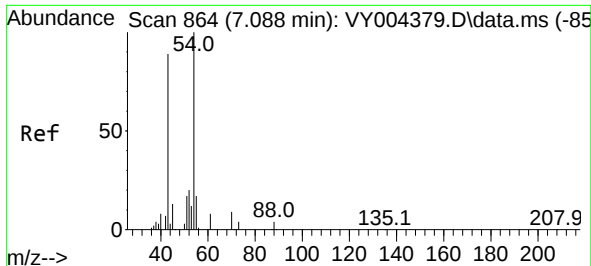
Tgt Ion:113 Resp: 34678  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.6 123.8  
192 18.9 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 45.76 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 75 Resp: 119773  
Ion Ratio Lower Upper  
75 100  
110 34.4 17.3 51.7  
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 22.60 ug/l

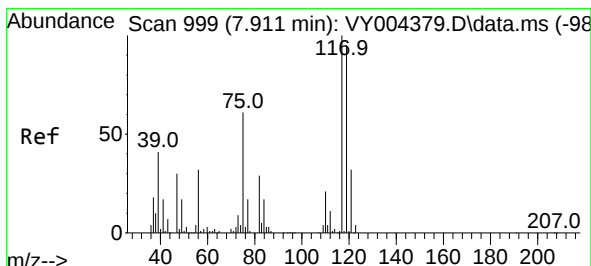
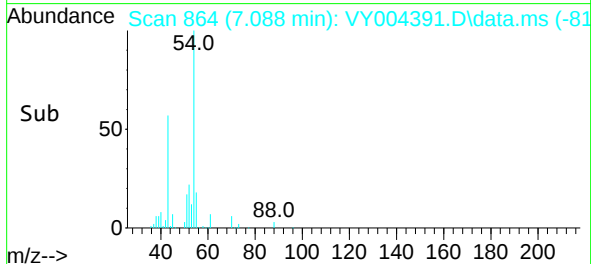
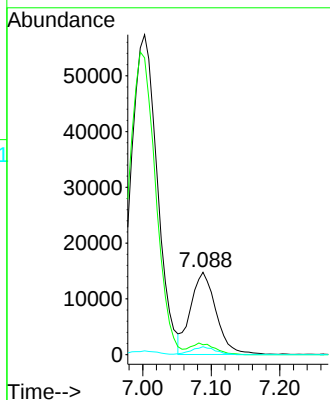
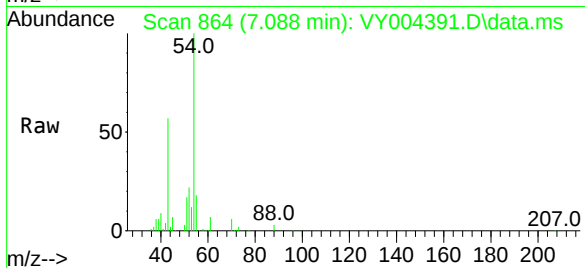
RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 38098 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.8  | 10.4  | 15.6  |
| 70       | 9.1   | 7.5   | 11.3  |



#38

Carbon Tetrachloride

Concen: 40.87 ug/l

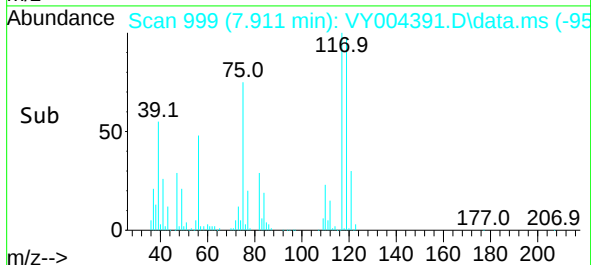
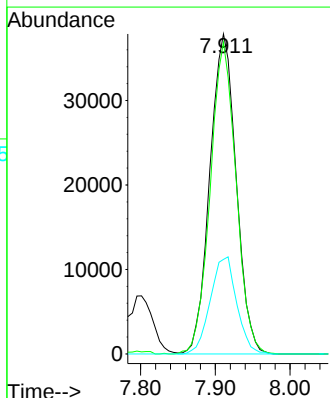
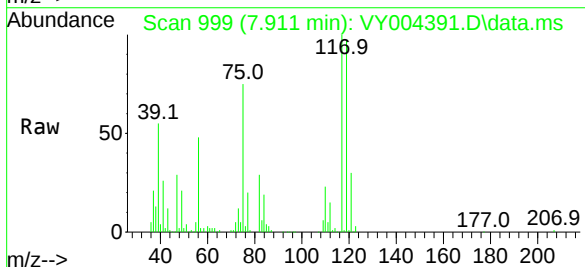
RT: 7.911 min Scan# 999

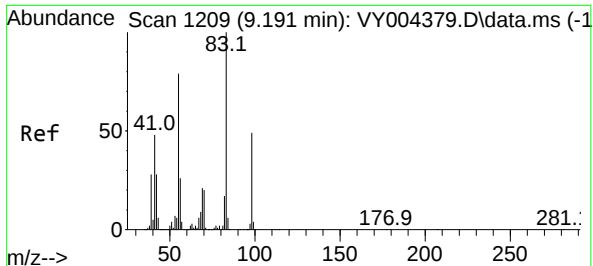
Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 92470 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.4  | 75.8  | 113.8 |
| 121      | 29.5  | 25.3  | 37.9  |

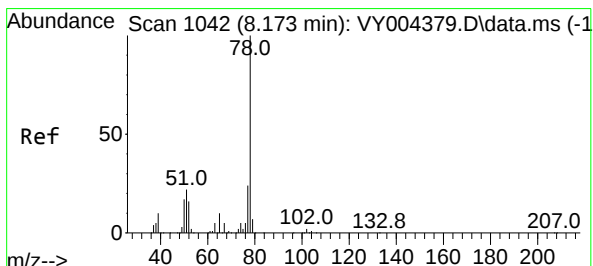
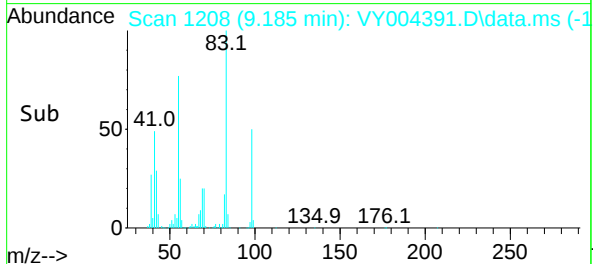
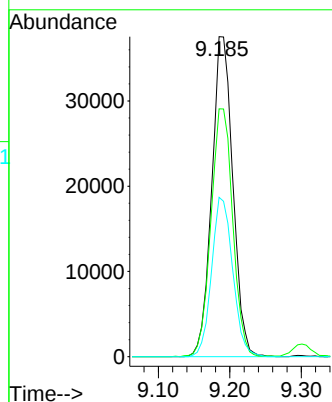
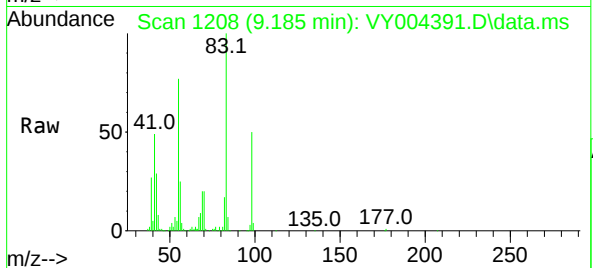




#39  
Methylcyclohexane  
Concen: 23.85 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

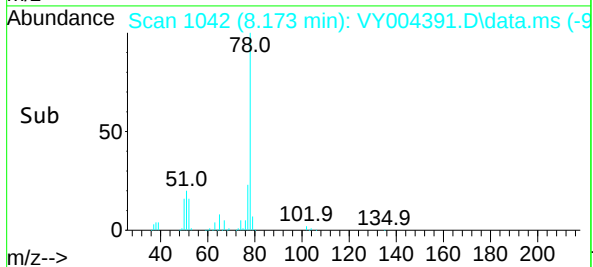
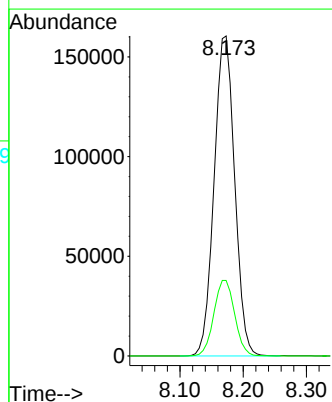
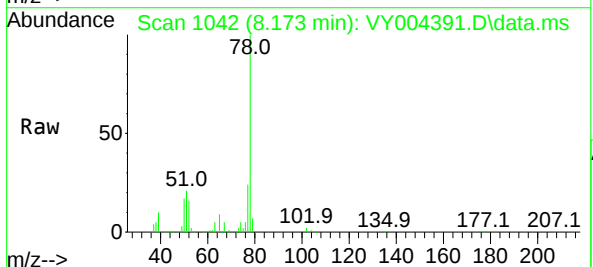
Instrument :  
MSVOA\_Y  
ClientSampleId :

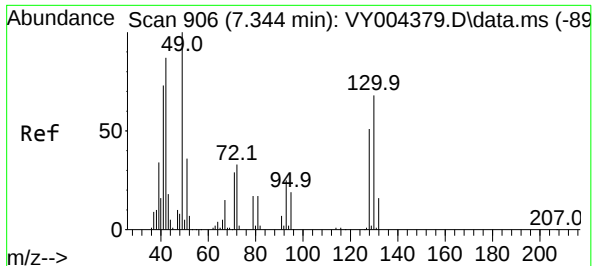
Tgt Ion: 83 Resp: 76864  
Ion Ratio Lower Upper  
83 100  
55 77.5 63.0 94.4  
98 49.8 39.2 58.8



#40  
Benzene  
Concen: 49.14 ug/l  
RT: 8.173 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 78 Resp: 361486  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.4 29.0

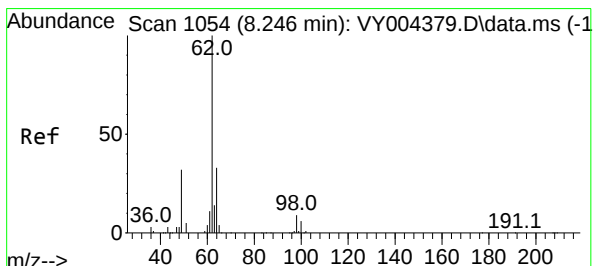
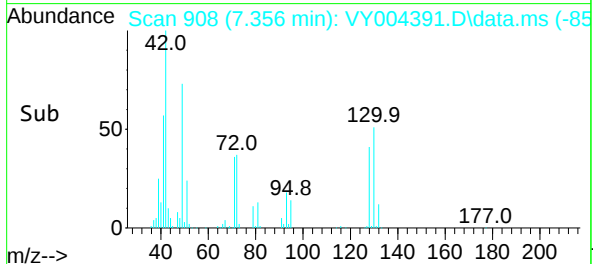
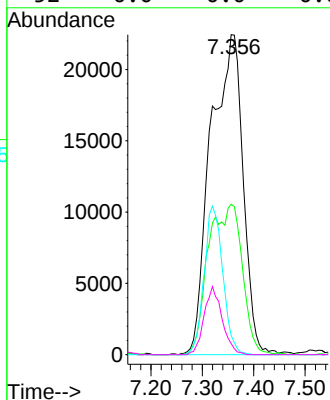
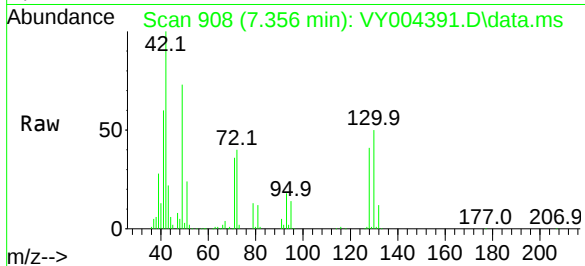




#41  
Methacrylonitrile  
Concen: 95.71 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.012 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

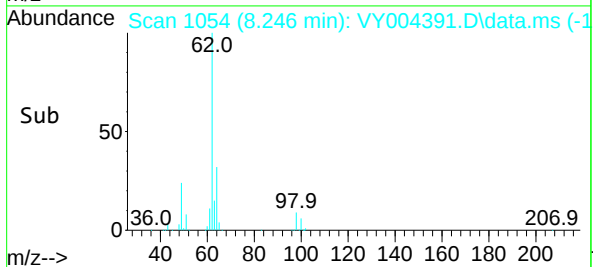
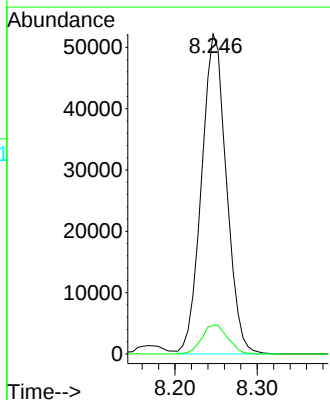
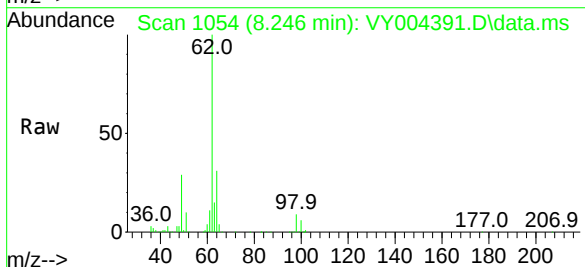
Instrument :  
MSVOA\_Y  
ClientSampled :

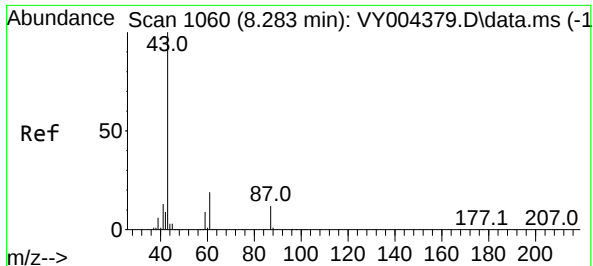
Tgt Ion: 41 Resp: 97759  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 47.51 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 62 Resp: 109613  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 18.2

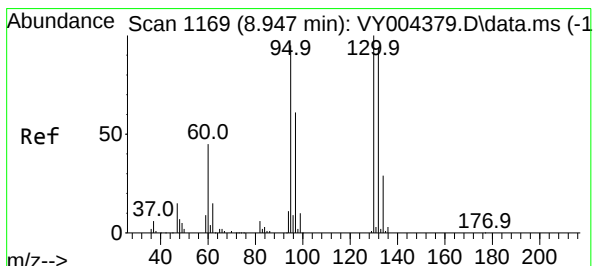
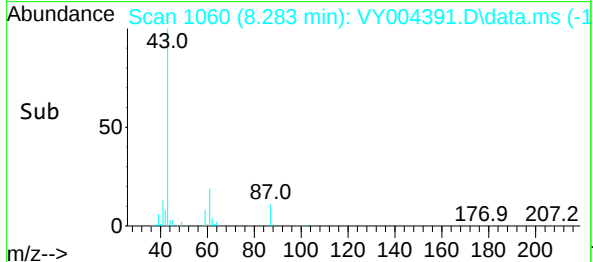
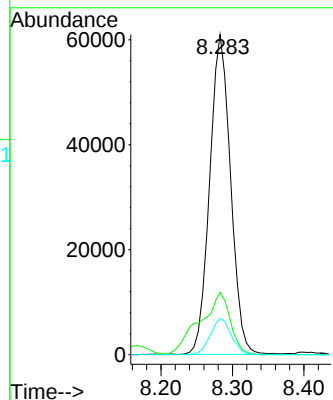
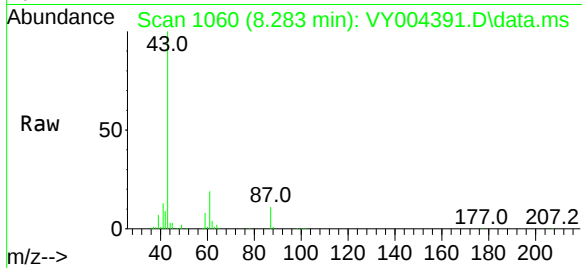




#43  
Isopropyl Acetate  
Concen: 38.69 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

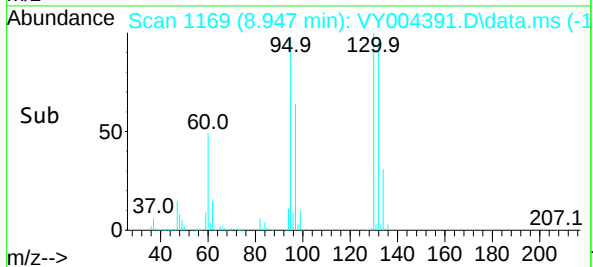
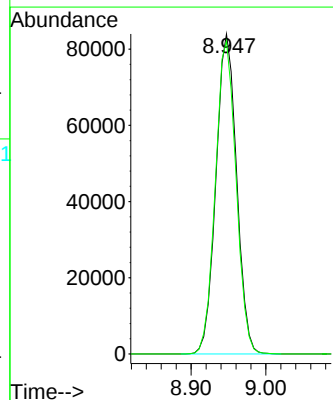
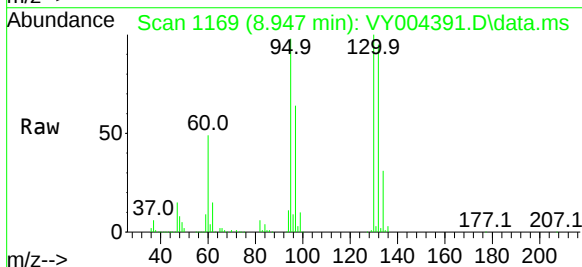
Instrument :  
MSVOA\_Y  
ClientSampleId :

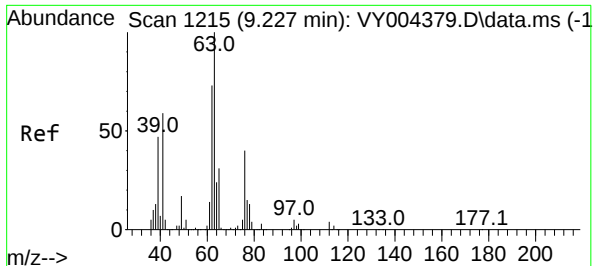
Tgt Ion: 43 Resp: 123618  
Ion Ratio Lower Upper  
43 100  
61 28.4 20.9 31.3  
87 11.3 9.1 13.7



#44  
Trichloroethene  
Concen: 80.40 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:130 Resp: 161251  
Ion Ratio Lower Upper  
130 100  
95 97.8 0.0 190.4



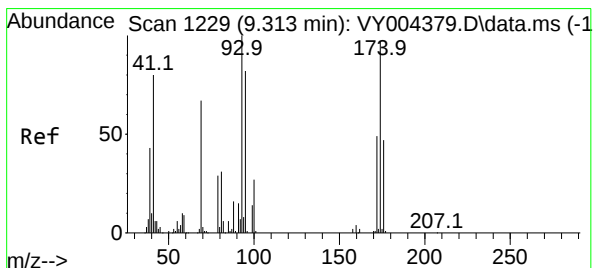
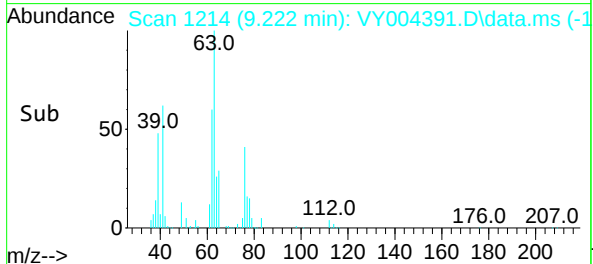
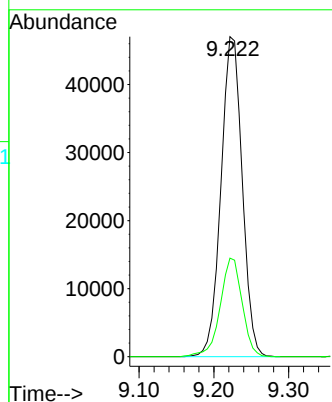
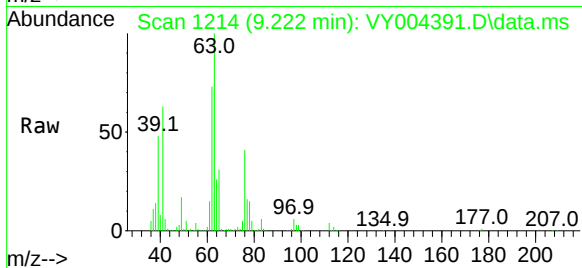


#45

1,2-Dichloropropane  
Concen: 48.98 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Instrument :  
MSVOA\_Y  
ClientSampled :

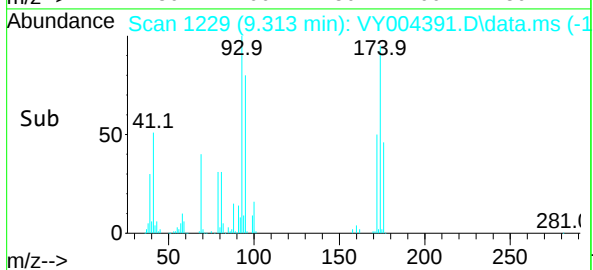
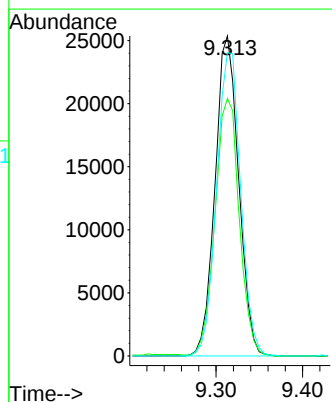
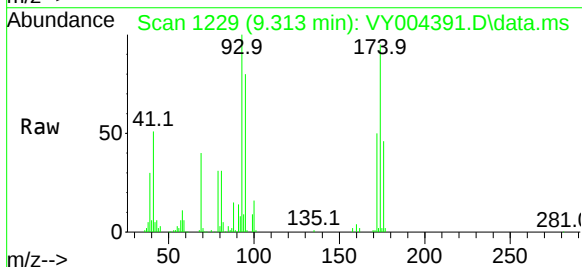
Tgt Ion: 63 Resp: 92975  
Ion Ratio Lower Upper  
63 100  
65 30.8 24.4 36.6

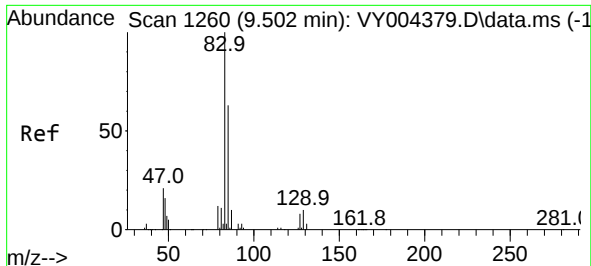


#46

Dibromomethane  
Concen: 46.49 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 93 Resp: 48046  
Ion Ratio Lower Upper  
93 100  
95 82.6 65.8 98.8  
174 97.0 77.8 116.6

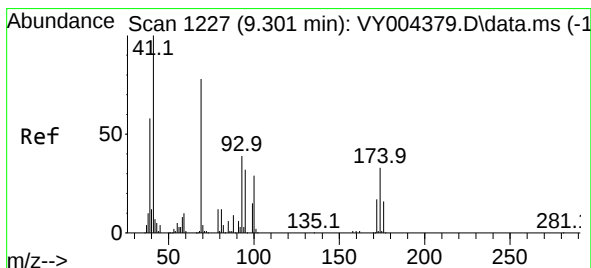
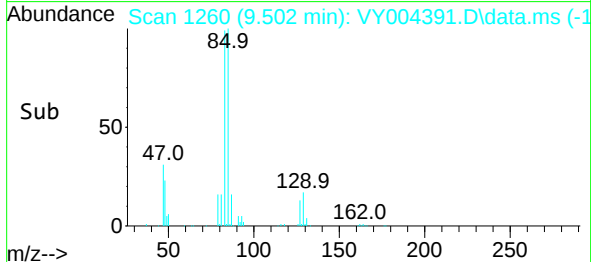
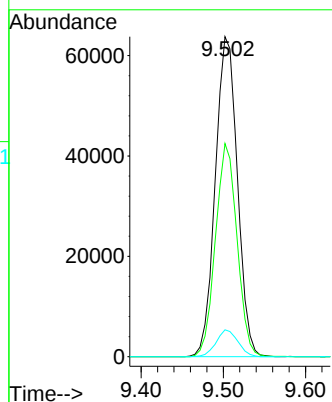
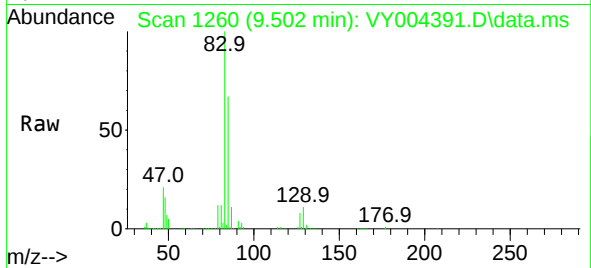




#47  
Bromodichloromethane  
Concen: 47.59 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

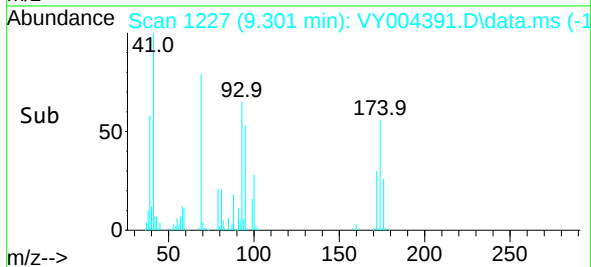
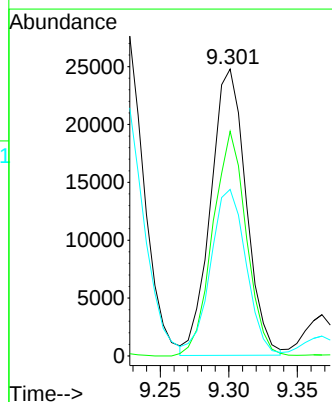
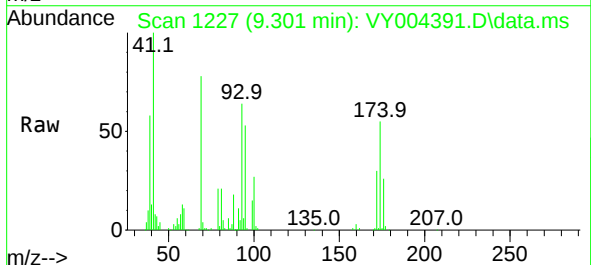
Instrument :  
MSVOA\_Y  
ClientSampled :

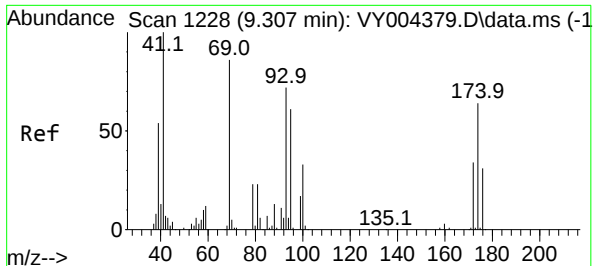
Tgt Ion: 83 Resp: 119066  
Ion Ratio Lower Upper  
83 100  
85 66.6 50.7 76.1  
127 8.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 30.21 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 41 Resp: 44452  
Ion Ratio Lower Upper  
41 100  
69 74.4 62.6 94.0  
39 58.4 47.2 70.8

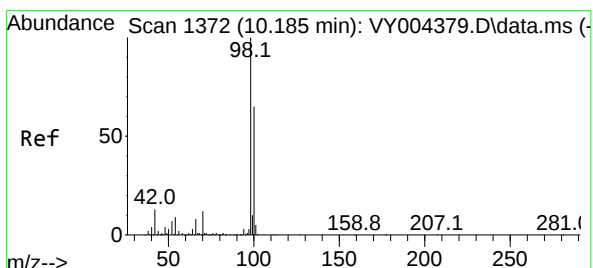
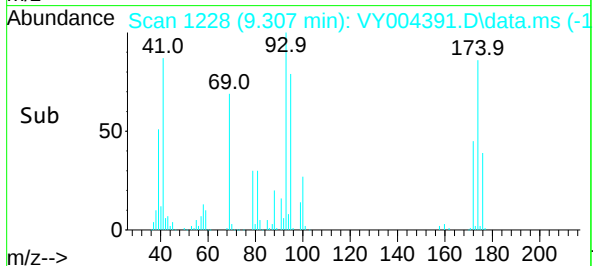
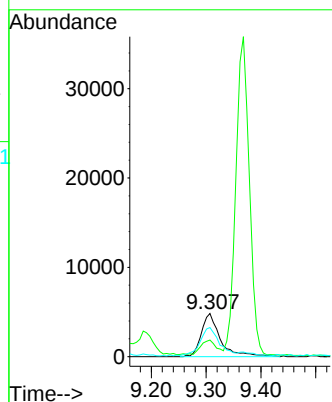
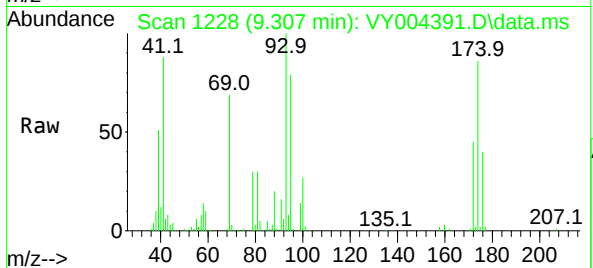




#49  
1,4-Dioxane  
Concen: 865.97 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

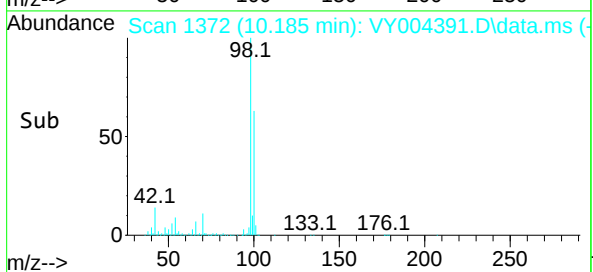
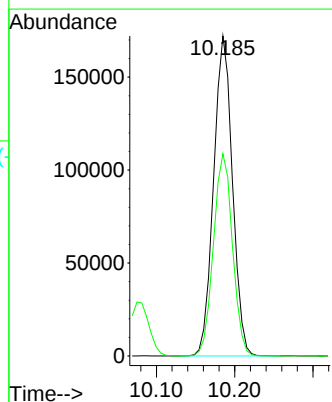
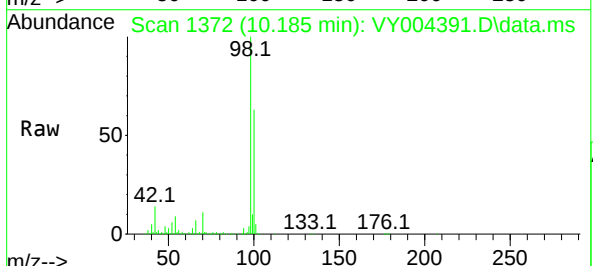
Instrument :  
MSVOA\_Y  
ClientSampled :

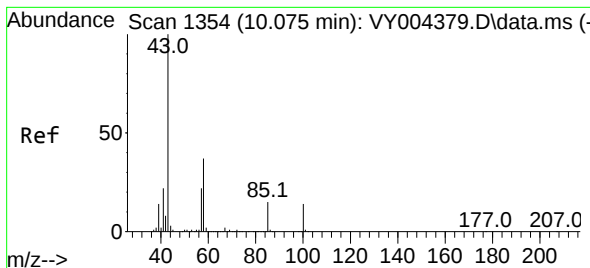
Tgt Ion: 88 Resp: 11689  
Ion Ratio Lower Upper  
88 100  
43 31.0 31.7 47.5#  
58 64.7 55.7 83.5



#50  
Toluene-d8  
Concen: 46.24 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 98 Resp: 287493  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.8 77.6

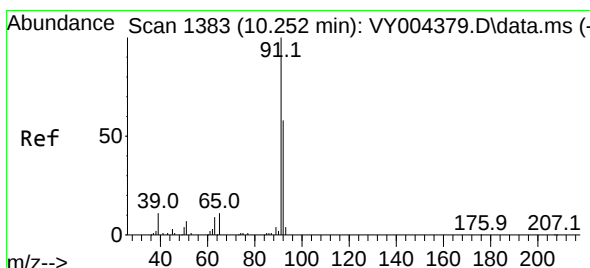
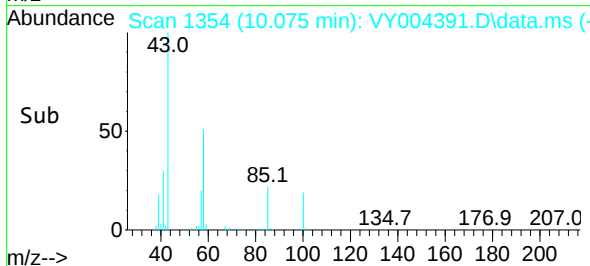
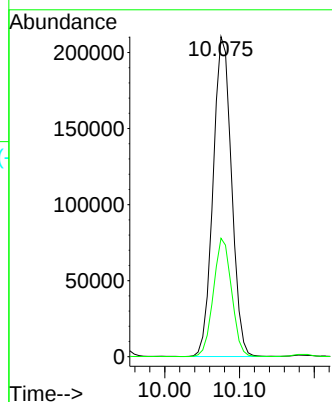
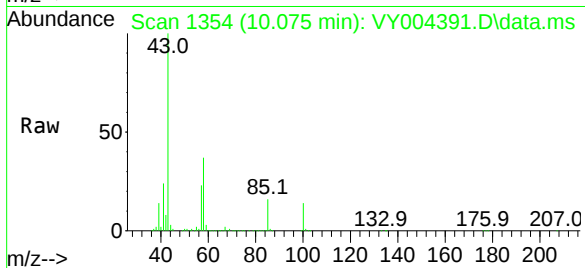




#51  
4-Methyl-2-Pentanone  
Concen: 220.40 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

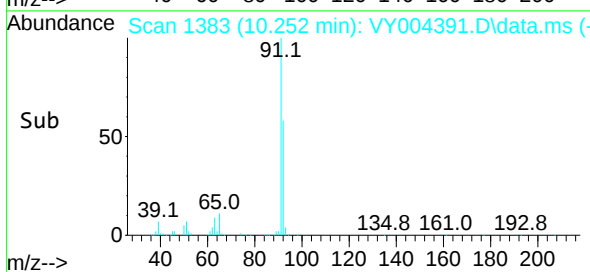
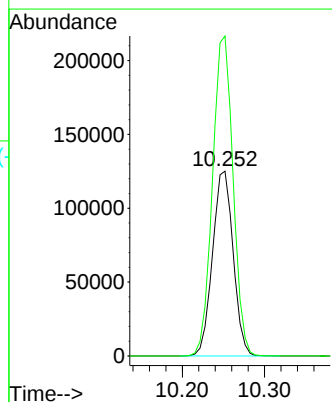
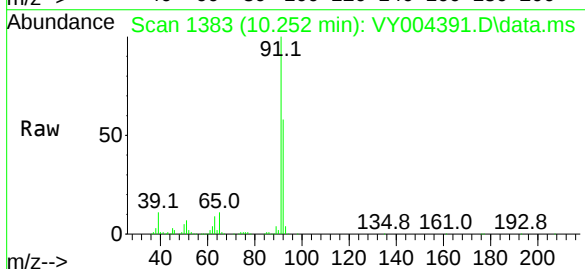
Instrument :  
MSVOA\_Y  
ClientSampled :

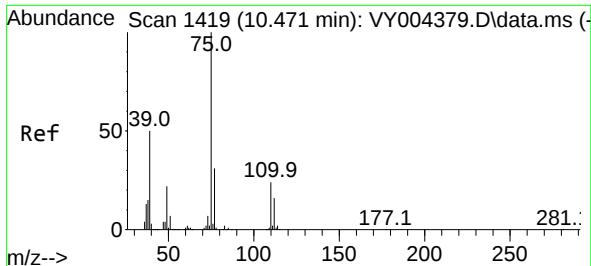
Tgt Ion: 43 Resp: 361748  
Ion Ratio Lower Upper  
43 100  
58 36.3 29.2 43.8



#52  
Toluene  
Concen: 45.79 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 92 Resp: 217960  
Ion Ratio Lower Upper  
92 100  
91 172.5 137.8 206.6

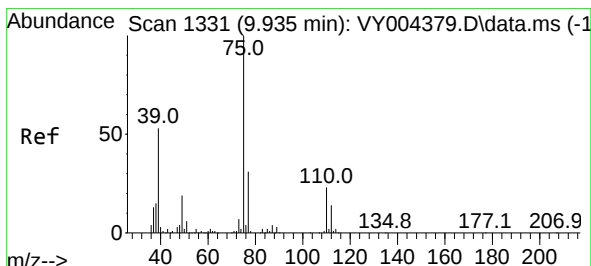
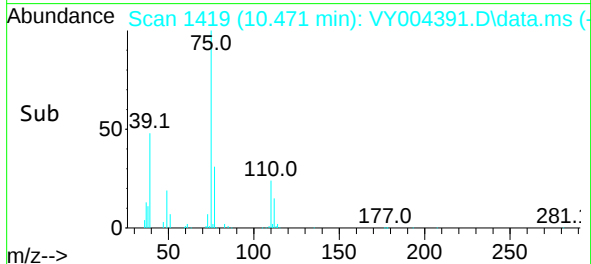
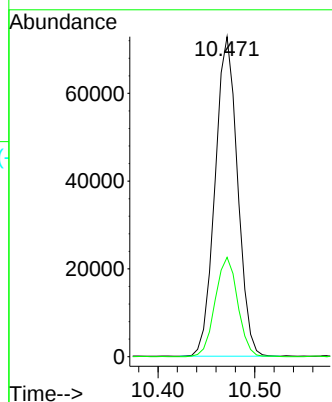
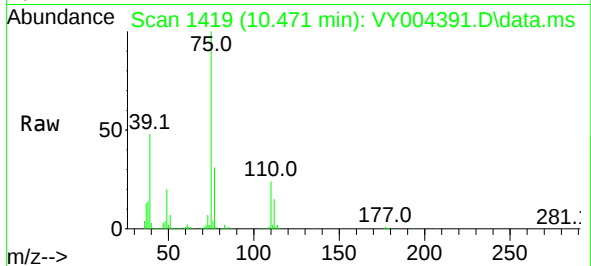




#53  
t-1,3-Dichloropropene  
Concen: 42.55 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

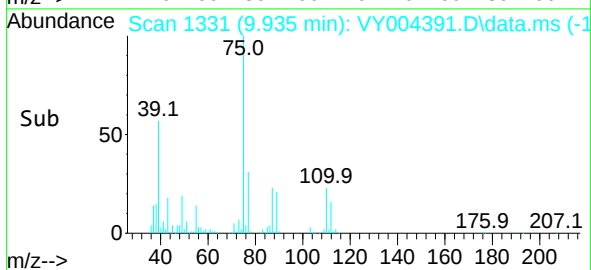
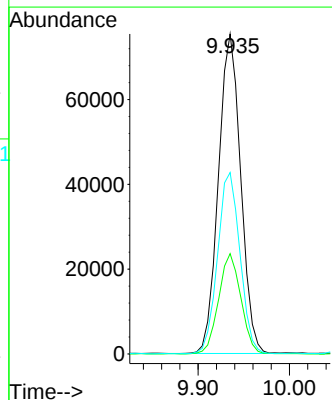
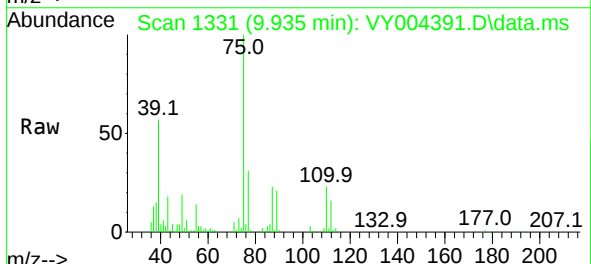
Instrument :  
MSVOA\_Y  
ClientSampled :

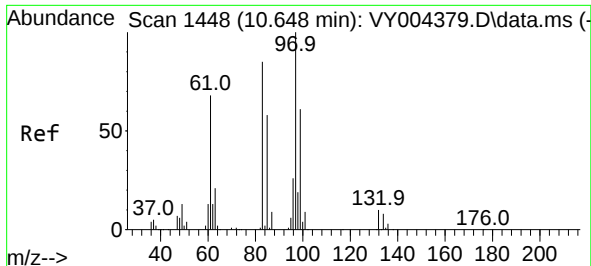
Tgt Ion: 75 Resp: 117430  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 40.80 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 75 Resp: 127890  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.6 37.0  
39 56.7 42.1 63.1

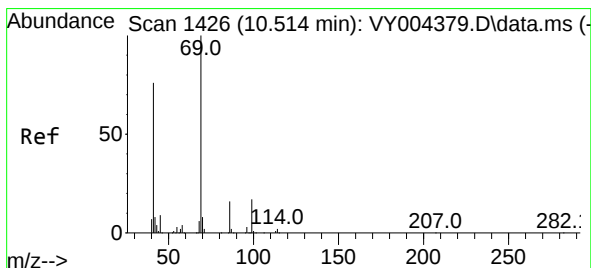
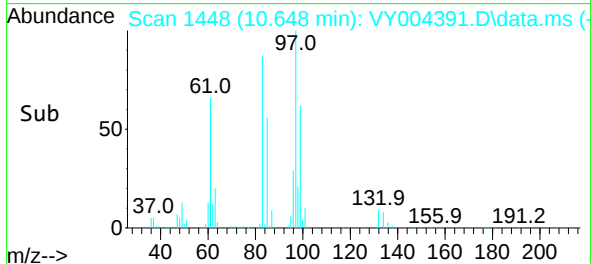
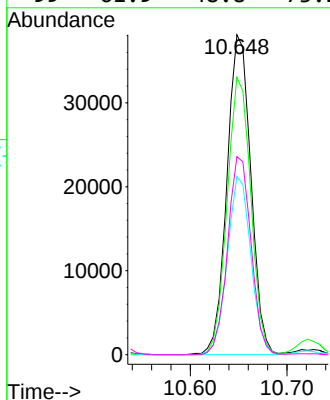
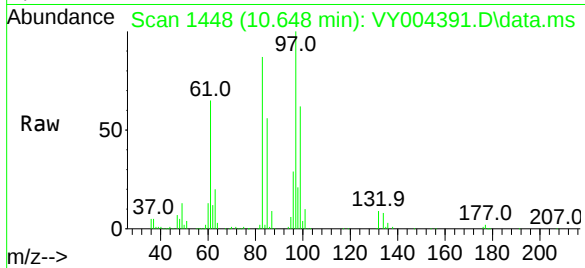




#55  
1,1,2-Trichloroethane  
Concen: 45.99 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

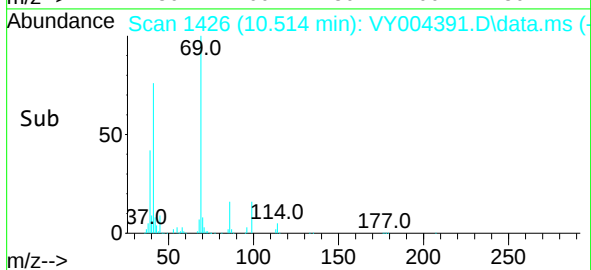
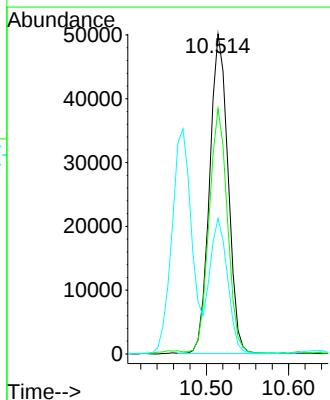
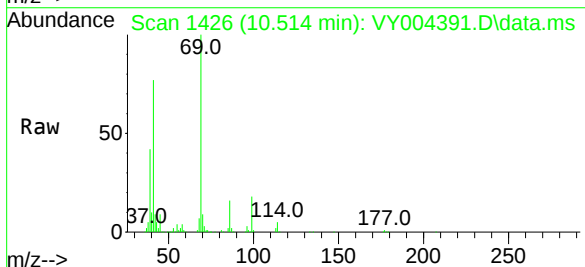
Instrument :  
MSVOA\_Y  
ClientSampleId :

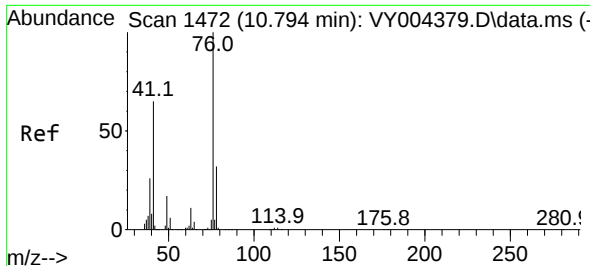
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65494 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.7  | 68.4  | 102.6 |
| 85       | 55.7  | 46.2  | 69.4  |
| 99       | 61.9  | 48.8  | 73.2  |



#56  
Ethyl methacrylate  
Concen: 37.72 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 77896 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 76.3  | 59.2  | 88.8  |
| 39       | 40.2  | 31.0  | 46.6  |

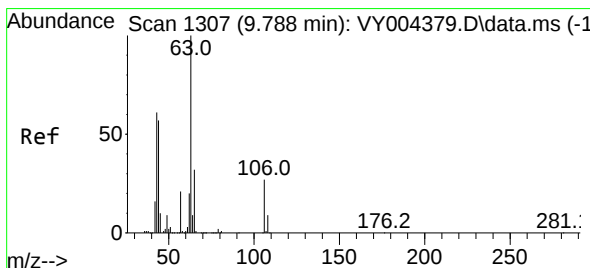
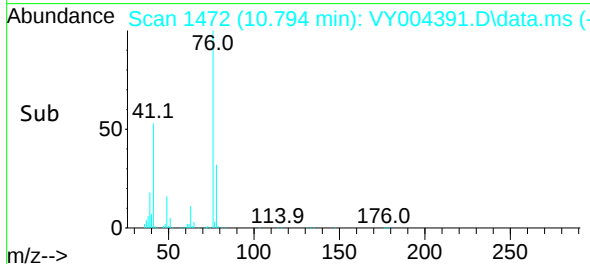
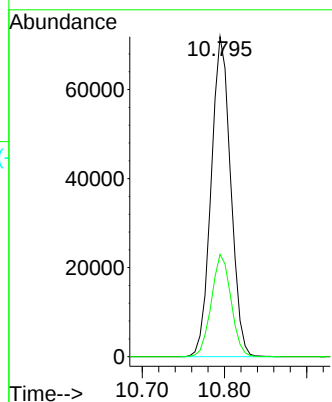
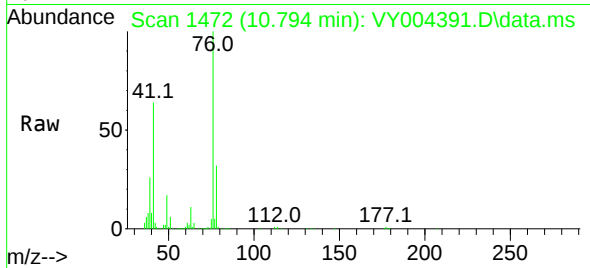




#57  
1,3-Dichloropropane  
Concen: 46.59 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

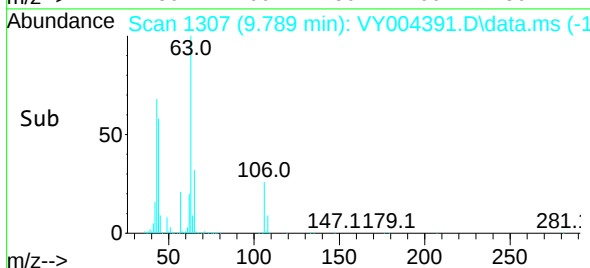
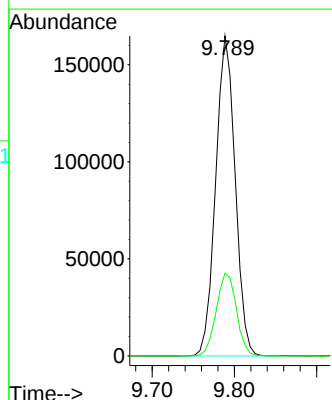
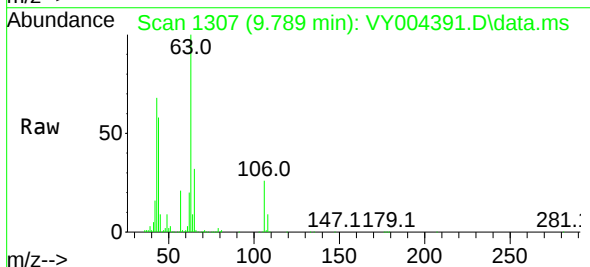
Instrument :  
MSVOA\_Y  
ClientSampled :

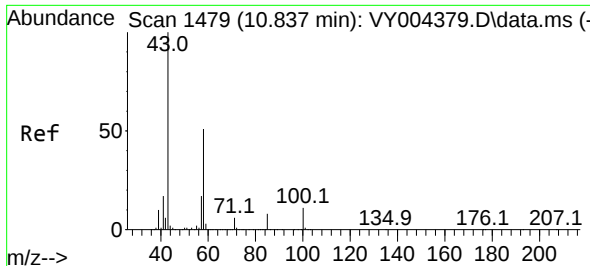
Tgt Ion: 76 Resp: 118400  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 257.05 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 63 Resp: 271614  
Ion Ratio Lower Upper  
63 100  
106 26.8 21.7 32.5

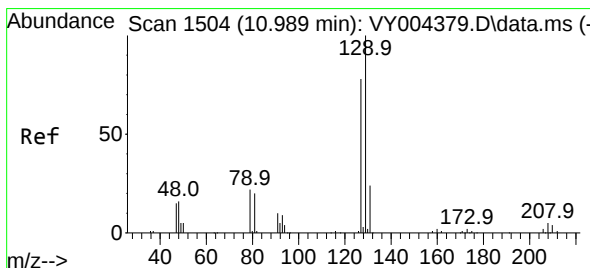
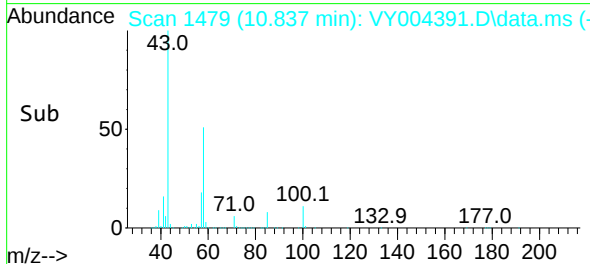
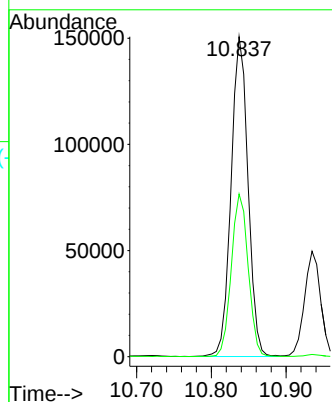
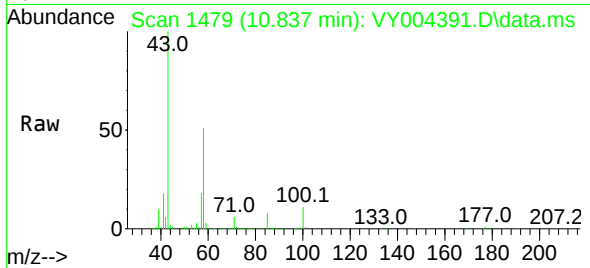




#59  
2-Hexanone  
Concen: 216.06 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

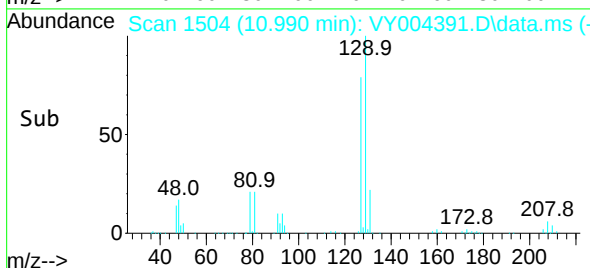
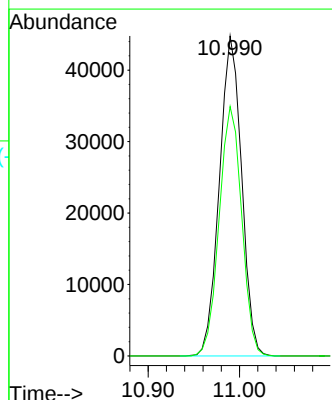
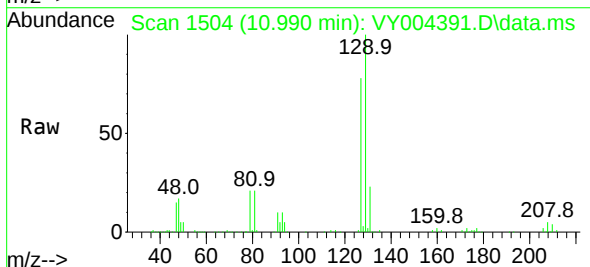
Instrument :  
MSVOA\_Y  
ClientSampled :

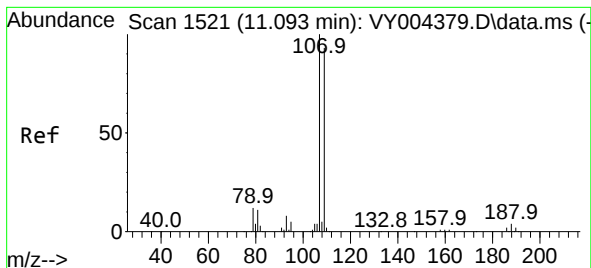
Tgt Ion: 43 Resp: 237724  
Ion Ratio Lower Upper  
43 100  
58 50.6 25.4 76.4



#60  
Dibromochloromethane  
Concen: 44.70 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:129 Resp: 75644  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.9 116.7

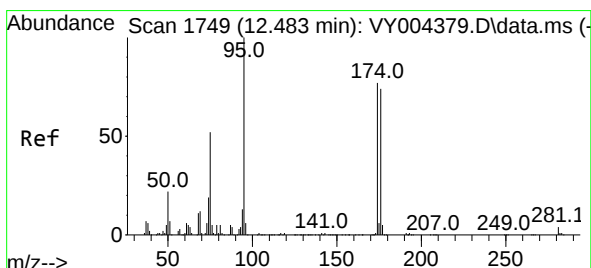
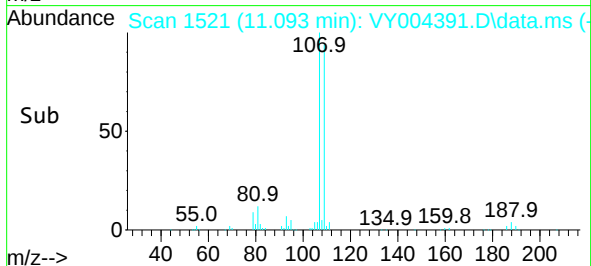
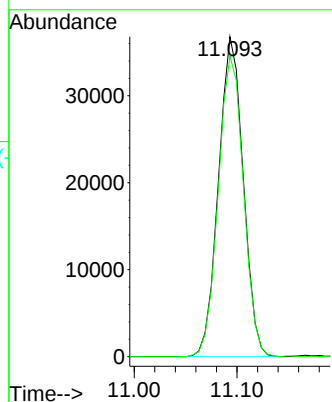
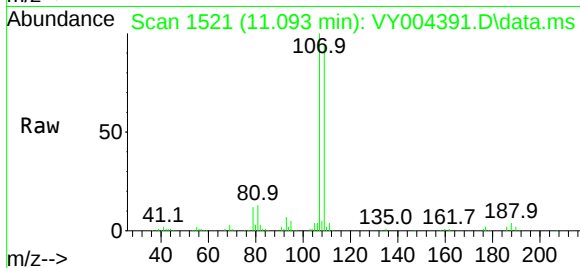




#61  
1,2-Dibromoethane  
Concen: 44.63 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

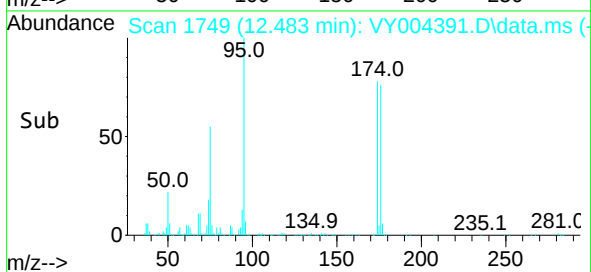
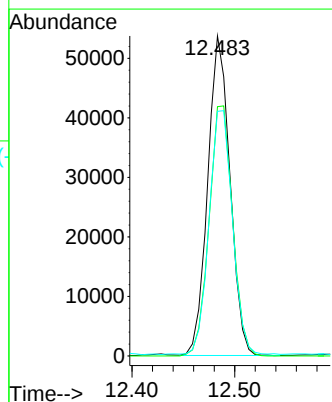
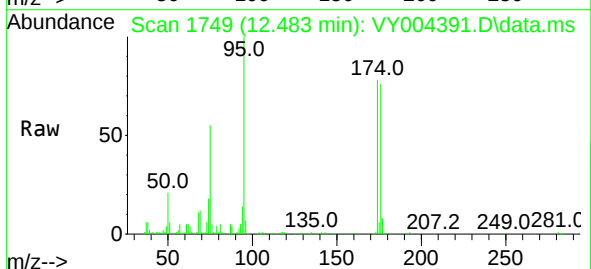
Instrument :  
MSVOA\_Y  
ClientSampleId :

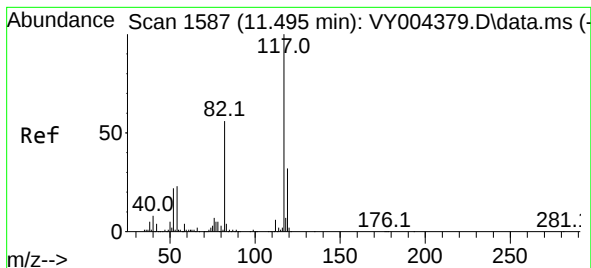
Tgt Ion:107 Resp: 61284  
Ion Ratio Lower Upper  
107 100  
109 95.9 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 38.24 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 95 Resp: 80684  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 162.4  
176 80.2 0.0 156.0

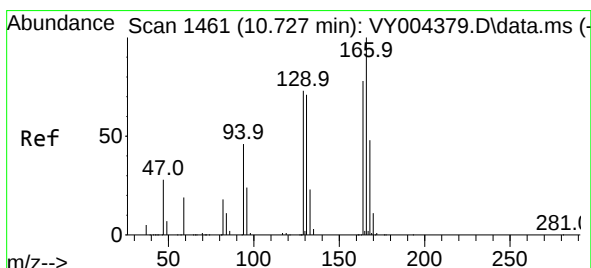
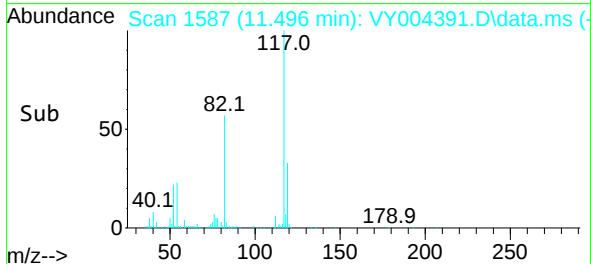
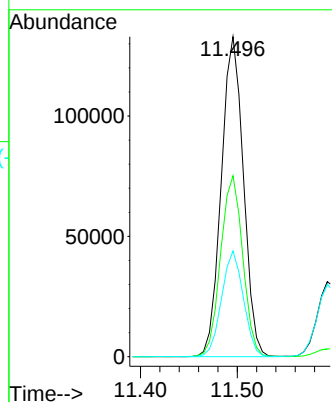
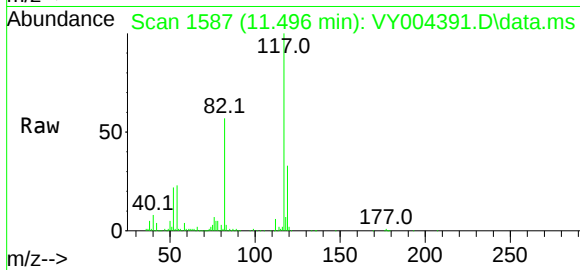




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

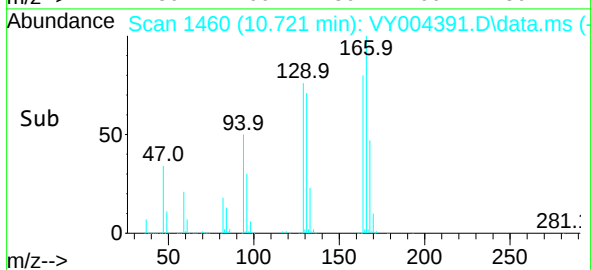
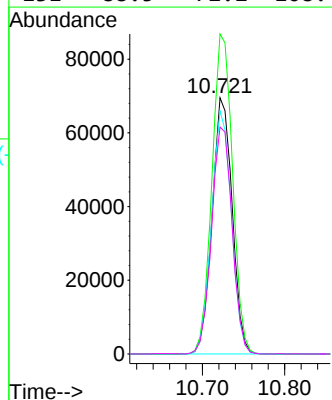
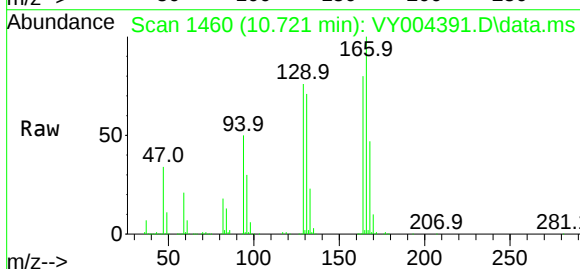
Instrument :  
MSVOA\_Y  
ClientSampleId :

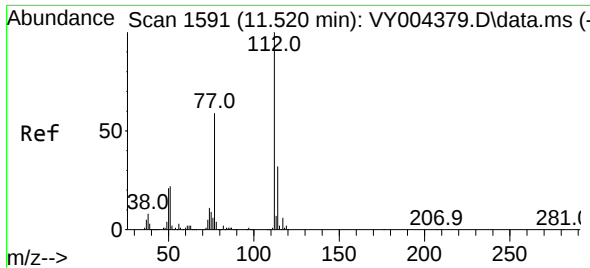
Tgt Ion:117 Resp: 210946  
Ion Ratio Lower Upper  
117 100  
82 56.5 44.9 67.3  
119 33.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 64.40 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:164 Resp: 118262  
Ion Ratio Lower Upper  
164 100  
166 124.9 102.1 153.1  
129 94.8 74.8 112.2  
131 88.5 72.2 108.4

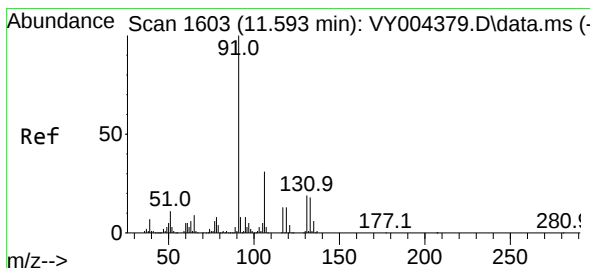
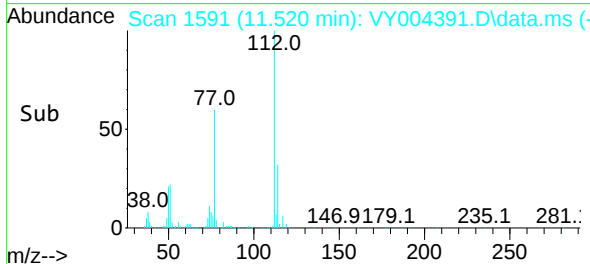
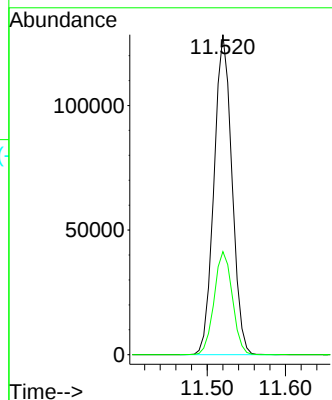
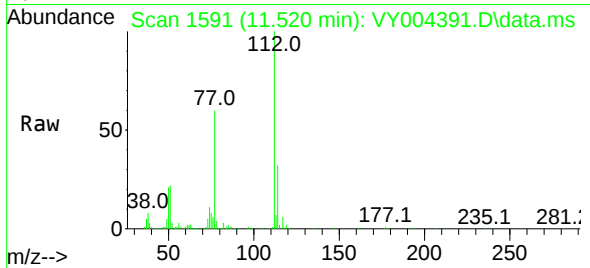




#65  
Chlorobenzene  
Concen: 47.49 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

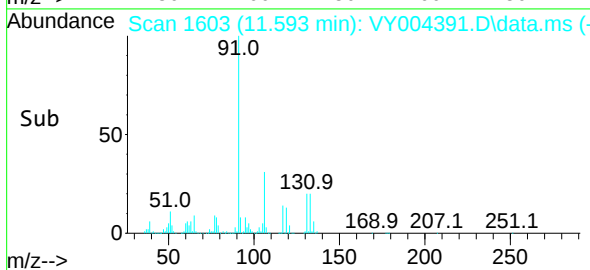
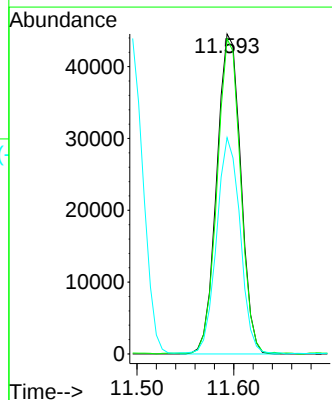
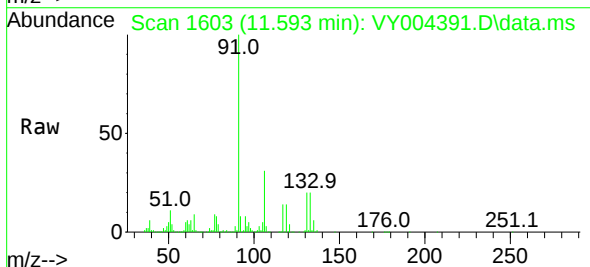
Instrument :  
MSVOA\_Y  
ClientSampleId :

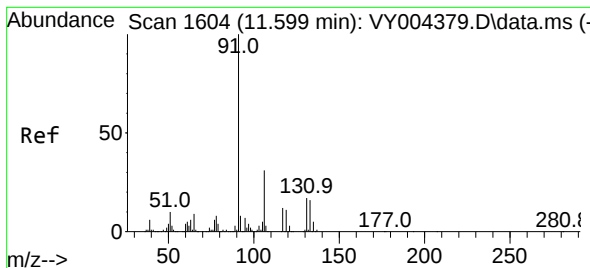
Tgt Ion:112 Resp: 204418  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.88 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:131 Resp: 76644  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.6 142.9  
119 66.7 32.6 98.0

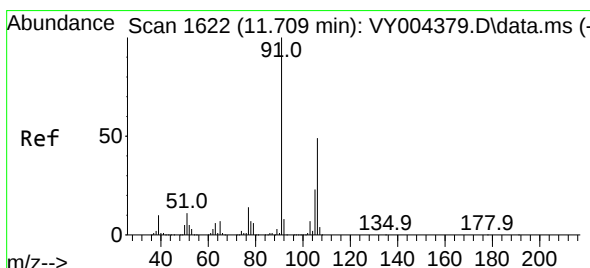
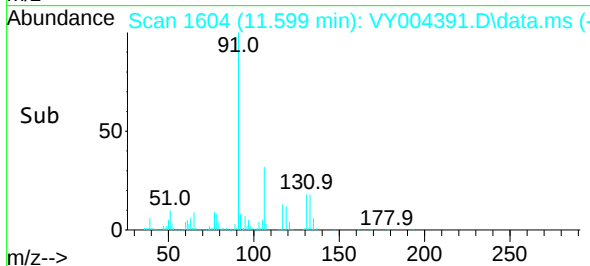
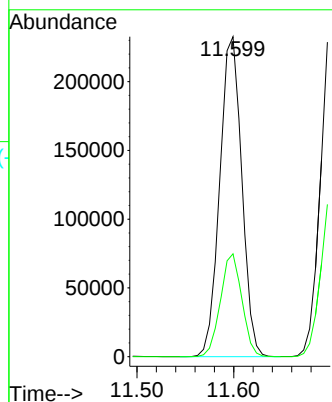
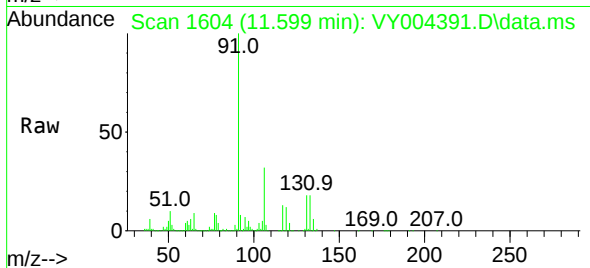




#67  
Ethyl Benzene  
Concen: 45.61 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

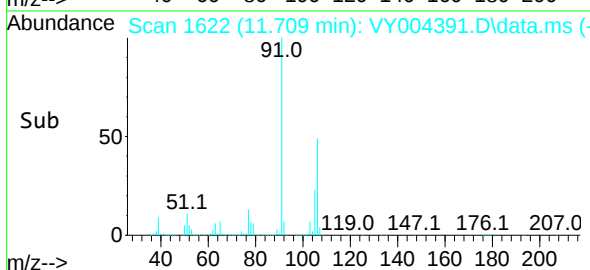
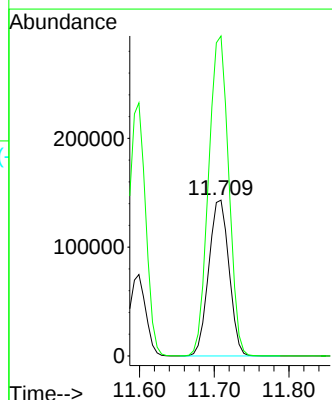
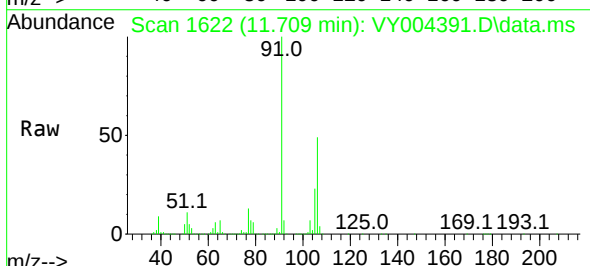
Instrument :  
MSVOA\_Y  
ClientSampleId :

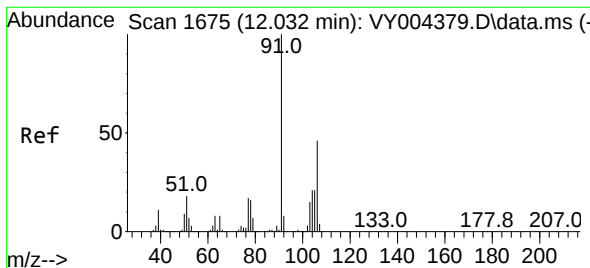
Tgt Ion: 91 Resp: 367393  
Ion Ratio Lower Upper  
91 100  
106 32.1 25.1 37.7



#68  
m/p-Xylenes  
Concen: 90.52 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 106 Resp: 270931  
Ion Ratio Lower Upper  
106 100  
91 203.5 163.2 244.8

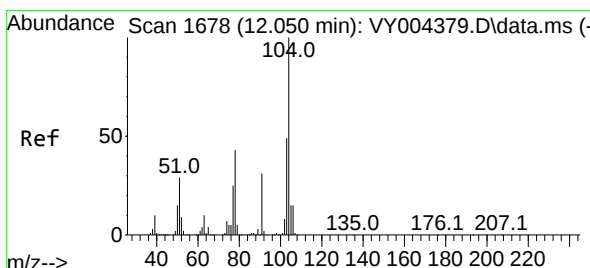
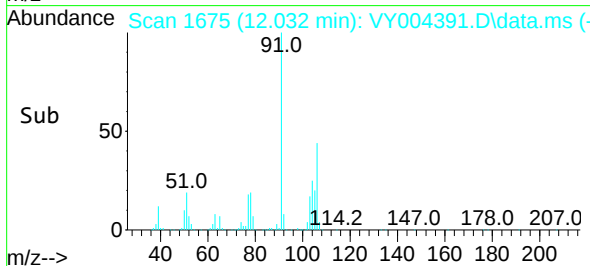
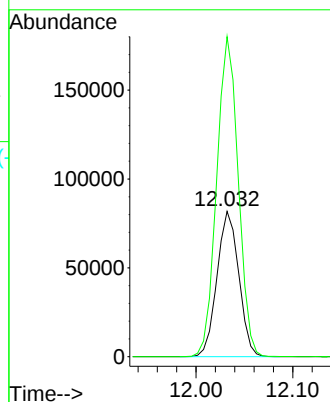
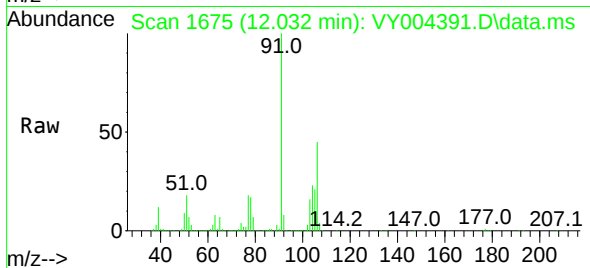




#69  
o-Xylene  
Concen: 45.49 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

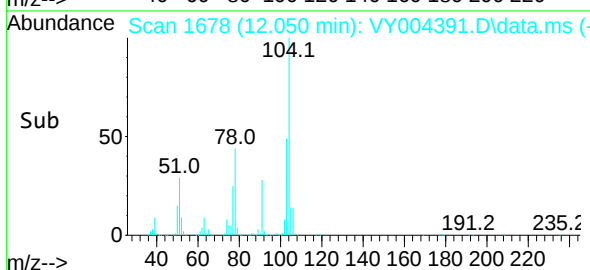
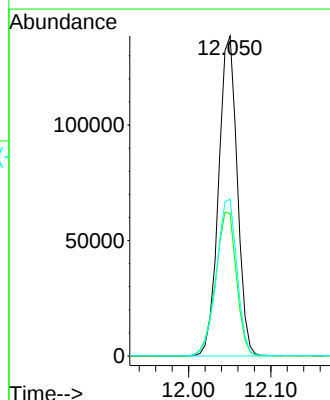
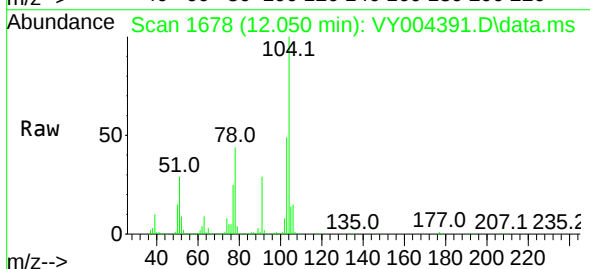
Instrument :  
MSVOA\_Y  
ClientSampleId :

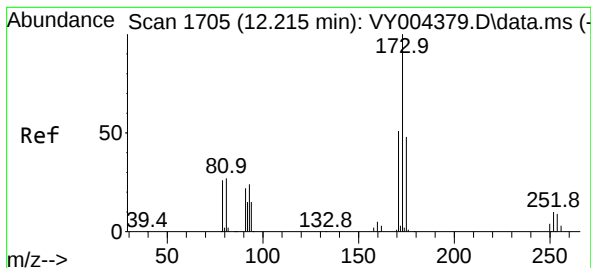
Tgt Ion:106 Resp: 127575  
Ion Ratio Lower Upper  
106 100  
91 218.2 107.4 322.2



#70  
Styrene  
Concen: 47.11 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:104 Resp: 218845  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.9 59.9  
103 53.8 43.4 65.2





#71

Bromoform

Concen: 46.40 ug/l

RT: 12.215 min Scan# 1705

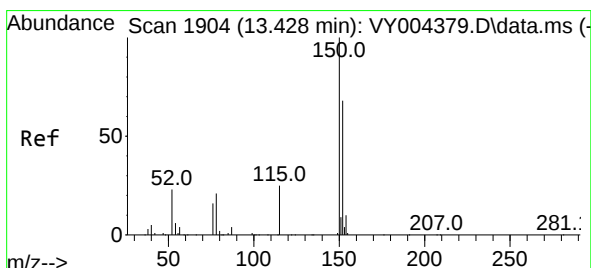
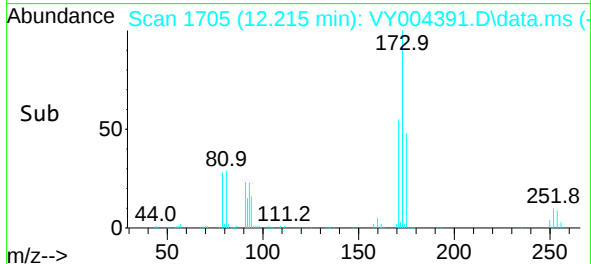
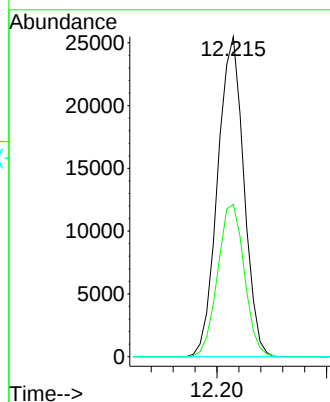
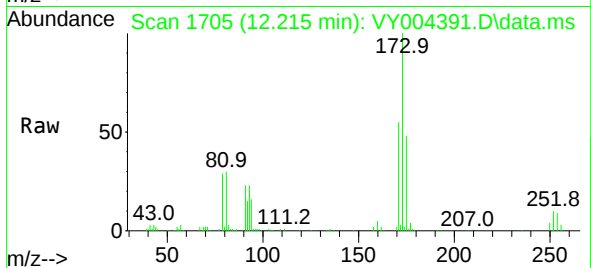
Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 42285 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.5  | 24.3  | 72.8  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

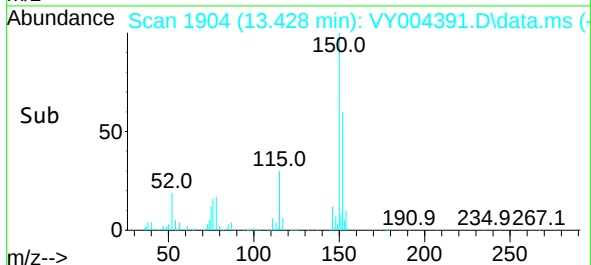
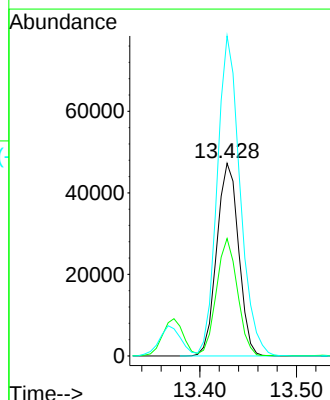
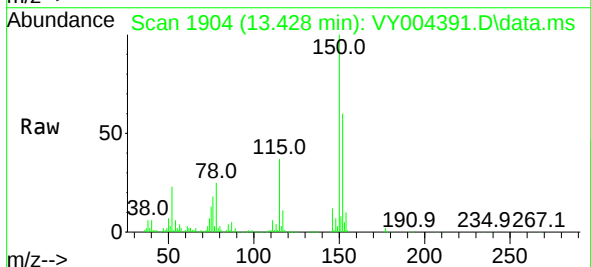
RT: 13.428 min Scan# 1904

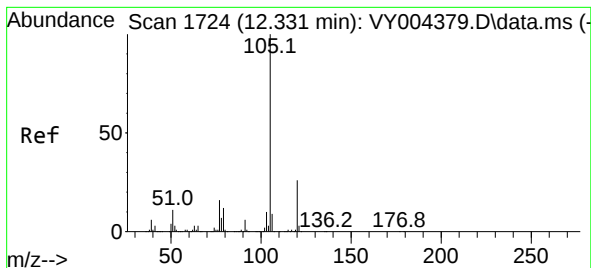
Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 74108 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 58.5  | 29.6  | 88.8  |
| 150       | 173.9 | 0.0   | 348.4 |





#73

Isopropylbenzene

Concen: 50.60 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY004391.D

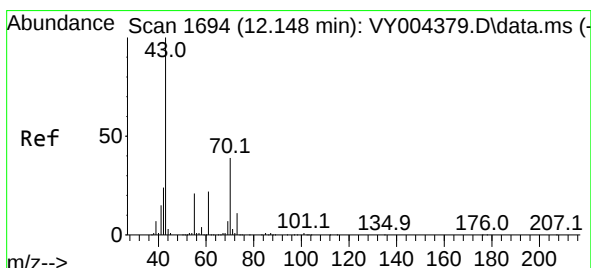
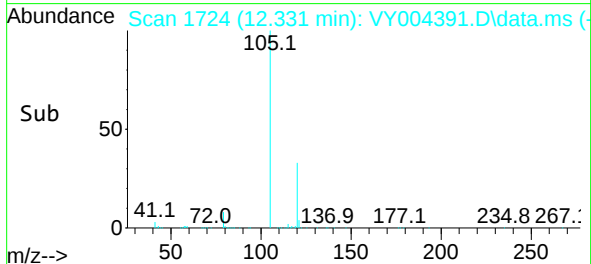
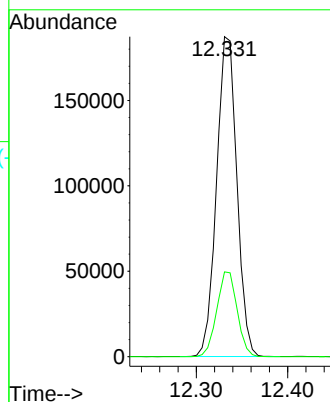
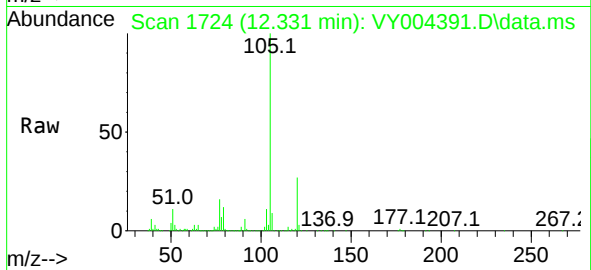
Acq: 12 Apr 2021 17:58

Tgt Ion:105 Resp: 289743

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 46.39 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

Tgt Ion: 43 Resp: 89431

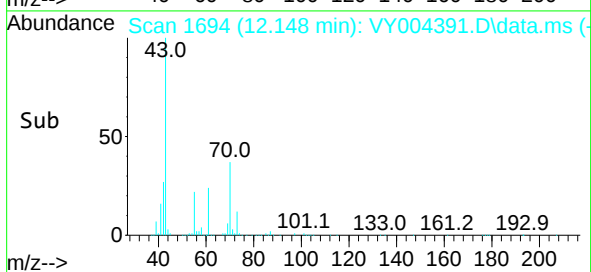
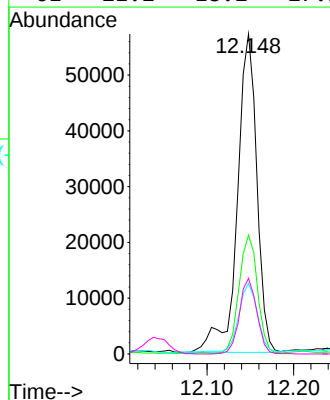
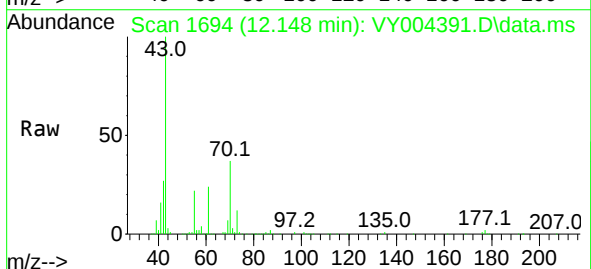
Ion Ratio Lower Upper

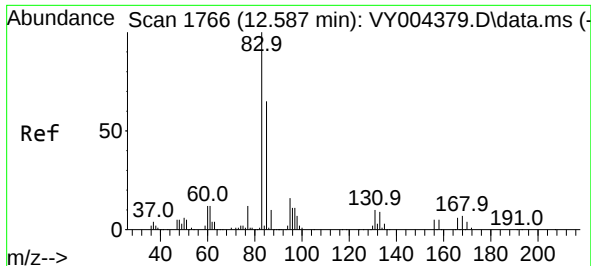
43 100

70 34.9 30.4 45.6

55 21.4 17.4 26.0

61 21.2 18.2 27.2

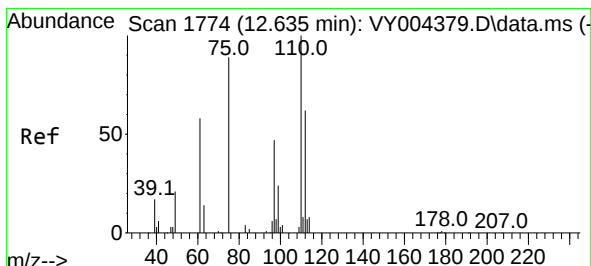
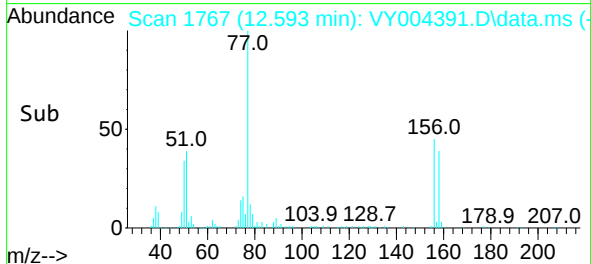
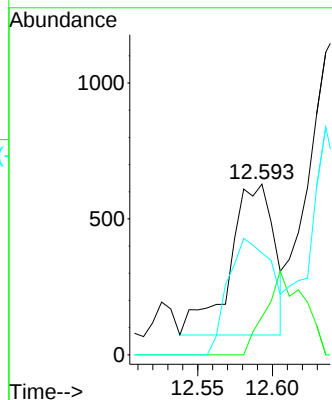
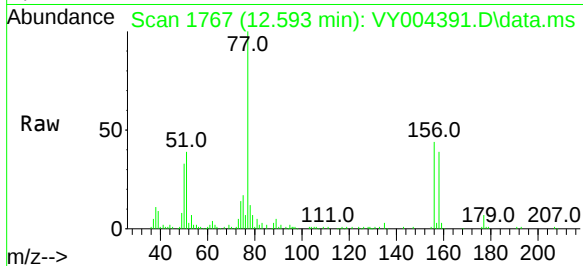




#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.05 ug/l  
RT: 12.593 min Scan# 1767  
Delta R.T. 0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

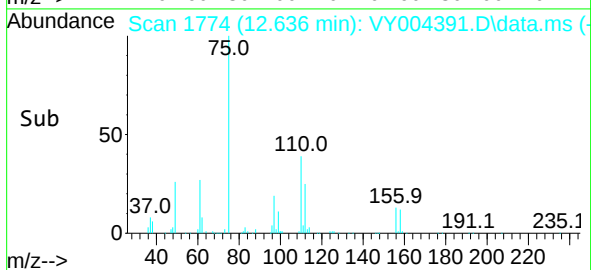
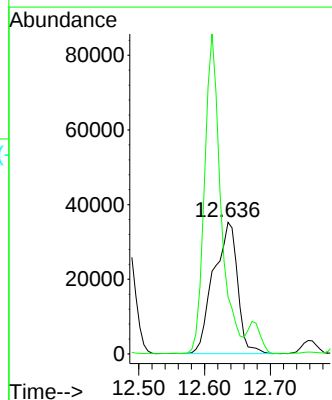
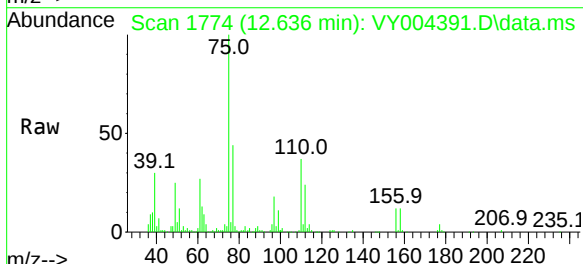
Instrument :  
MSVOA\_Y  
ClientSampled :

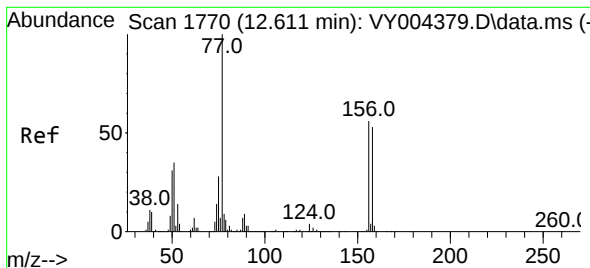
Tgt Ion: 83 Resp: 1140  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.4#  
85 86.3 31.6 94.8



#76  
1,2,3-Trichloropropane  
Concen: 112.25 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 75 Resp: 89281  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

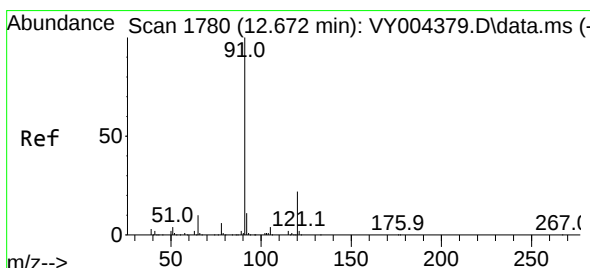
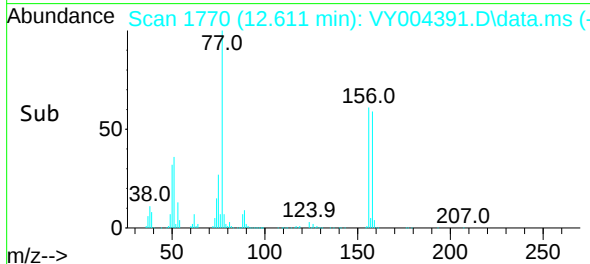
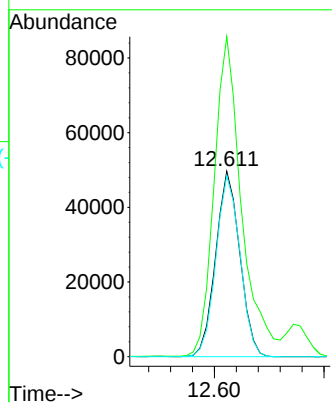
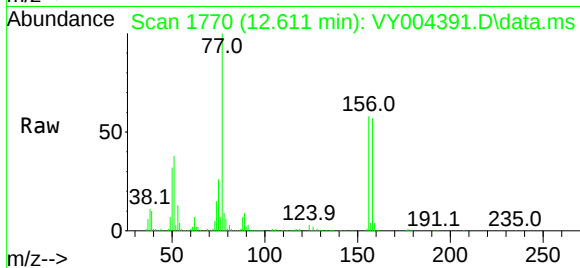




#77  
Bromobenzene  
Concen: 59.18 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

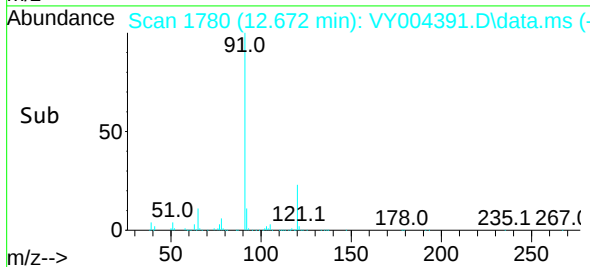
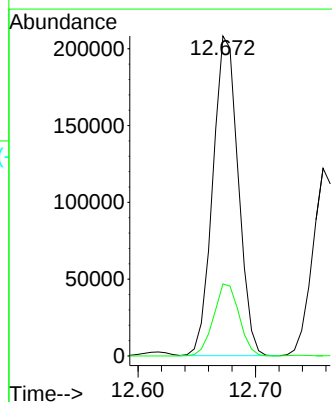
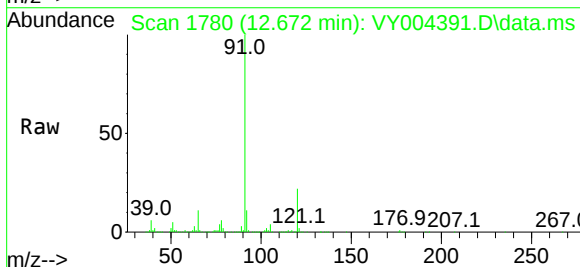
Instrument :  
MSVOA\_Y  
ClientSampleId :

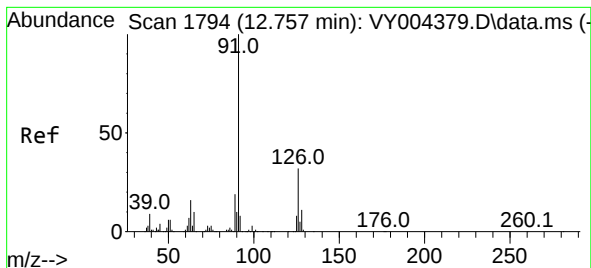
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 195.7 | 98.6  | 295.7 |
| 158     | 97.3  | 48.4  | 145.2 |



#78  
n-propylbenzene  
Concen: 46.20 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.7  | 11.5  | 34.4  |

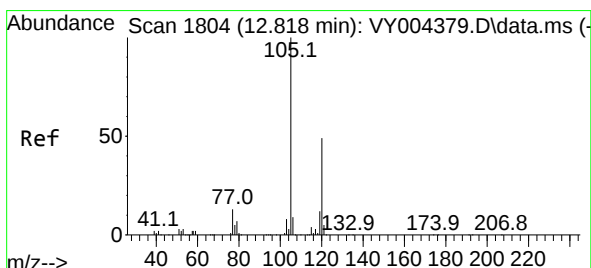
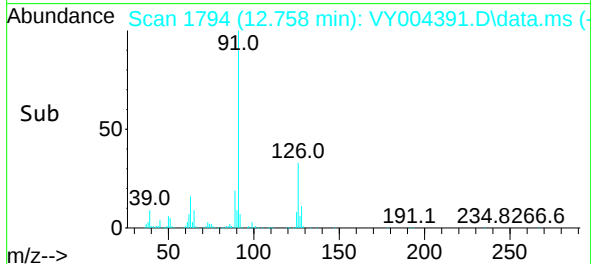
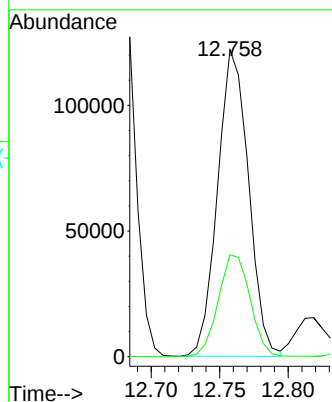
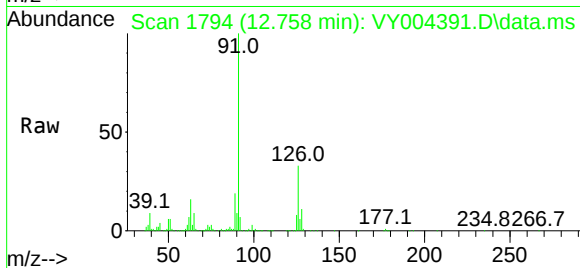




#79  
2-Chlorotoluene  
Concen: 51.78 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

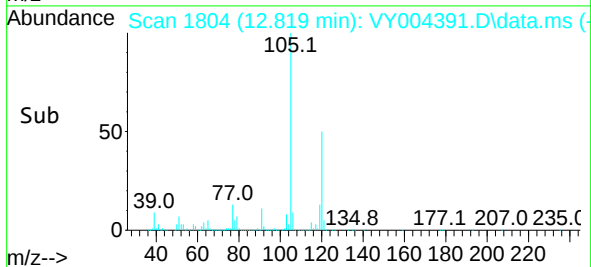
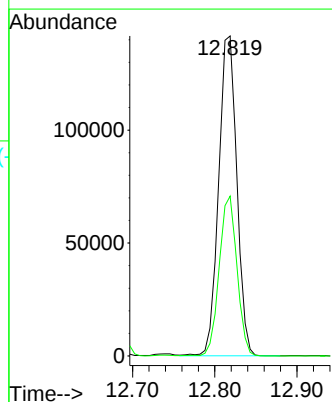
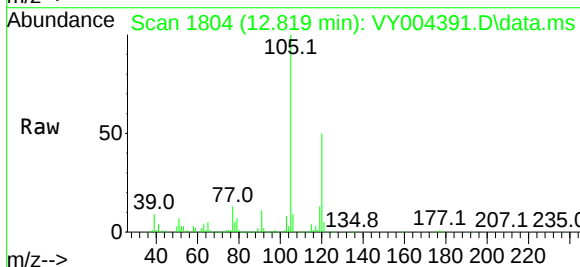
Instrument :  
MSVOA\_Y  
ClientSampled :

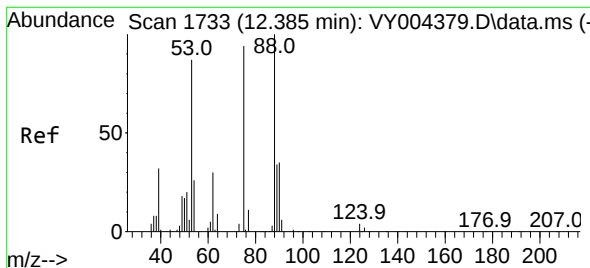
Tgt Ion: 91 Resp: 191578  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.7 50.1



#80  
1,3,5-Trimethylbenzene  
Concen: 46.65 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 105 Resp: 217132  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.6 74.0

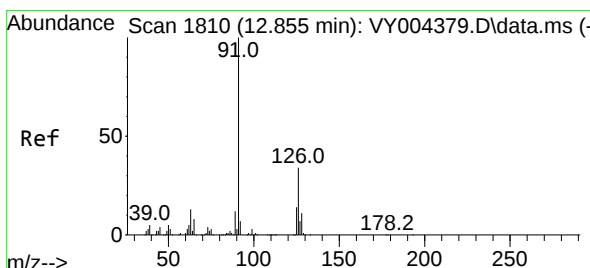
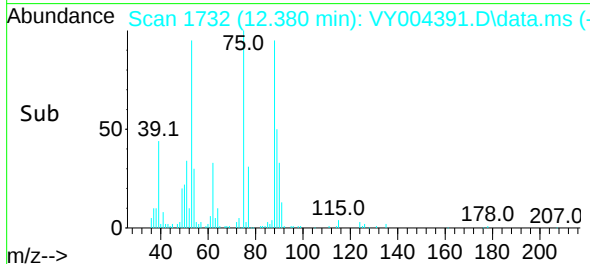
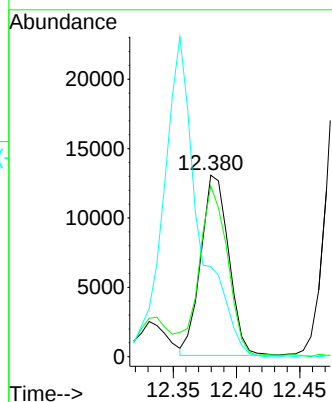
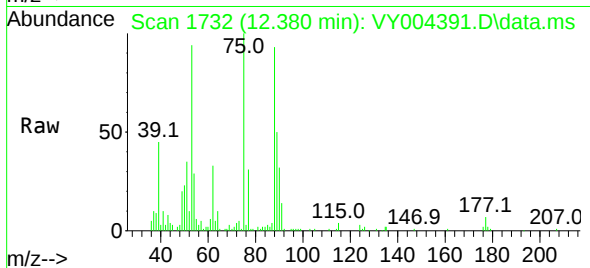




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.05 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

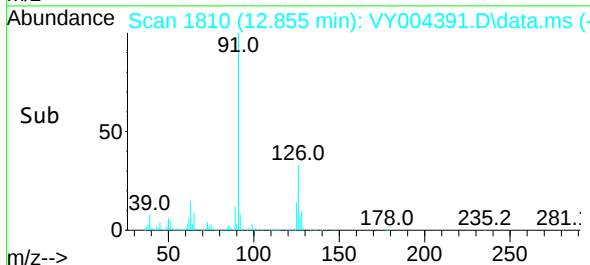
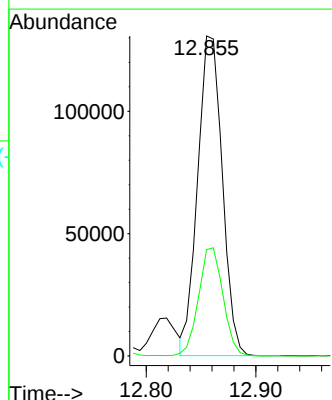
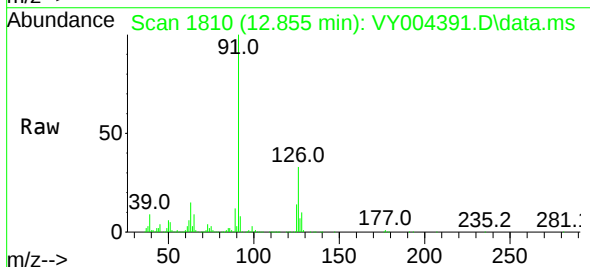
Instrument :  
MSVOA\_Y  
ClientSampleId :

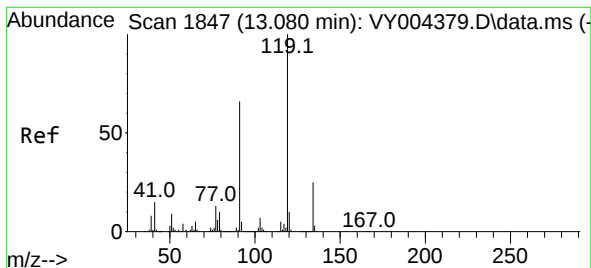
Tgt Ion: 75 Resp: 20030  
Ion Ratio Lower Upper  
75 100  
53 96.8 75.0 112.6  
89 0.0 36.1 54.1#



#82  
4-Chlorotoluene  
Concen: 52.24 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 91 Resp: 204111  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.9 50.7

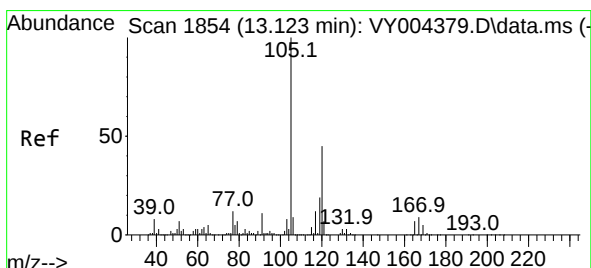
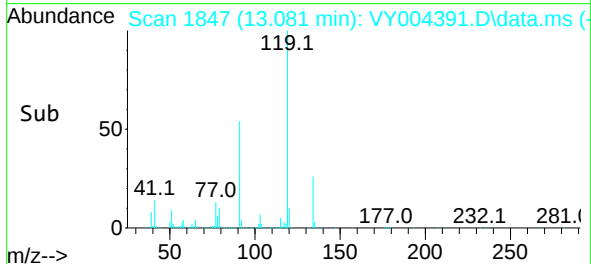
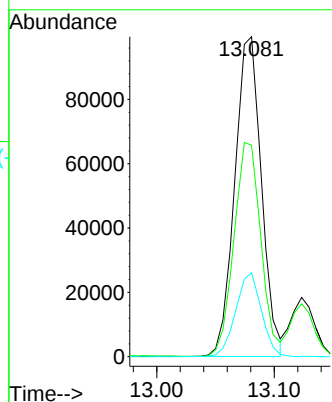
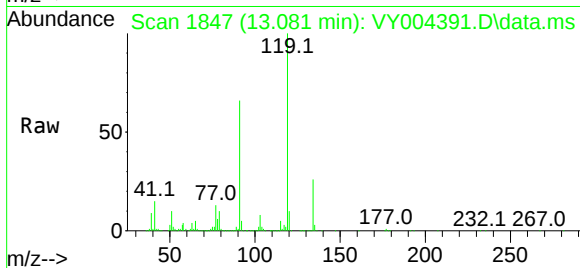




#83  
tert-Butylbenzene  
Concen: 39.36 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

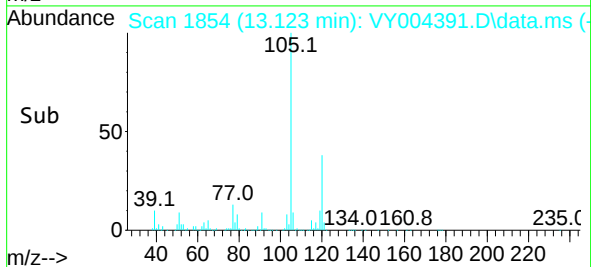
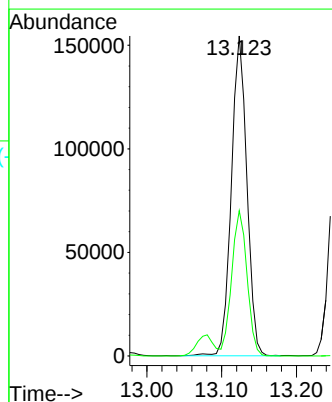
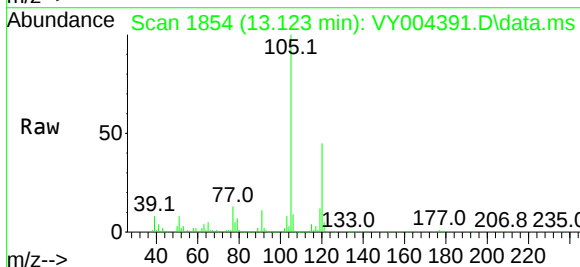
Instrument :  
MSVOA\_Y  
ClientSampled :

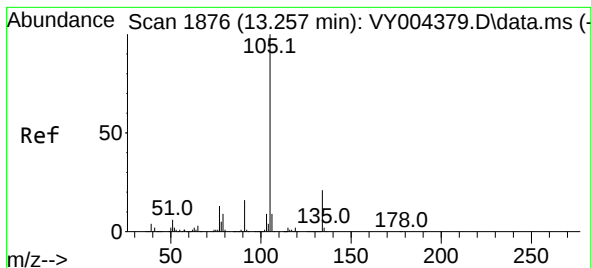
Tgt Ion:119 Resp: 156792  
Ion Ratio Lower Upper  
119 100  
91 67.7 32.6 98.0  
134 25.4 12.9 38.6



#84  
1,2,4-Trimethylbenzene  
Concen: 47.42 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:105 Resp: 222749  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.4 67.3

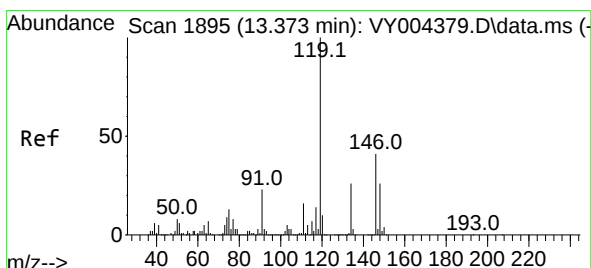
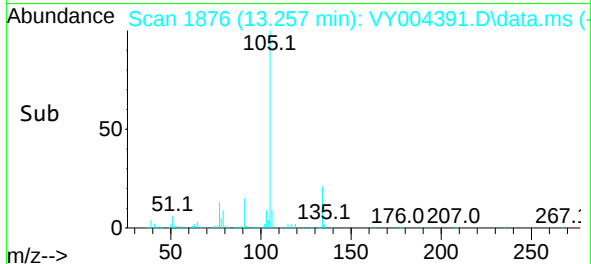
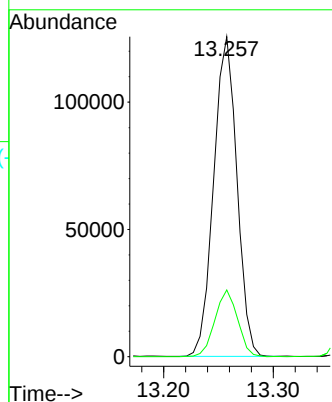
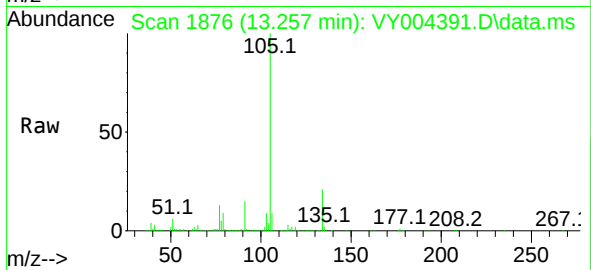




#85  
 sec-Butylbenzene  
 Concen: 33.28 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY004391.D  
 Acq: 12 Apr 2021 17:58

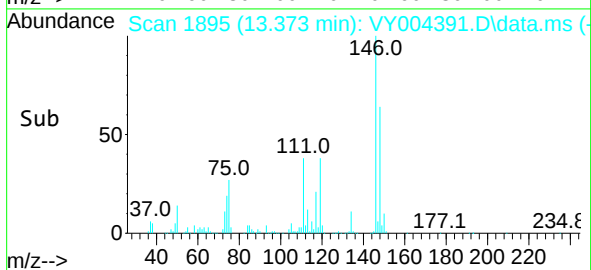
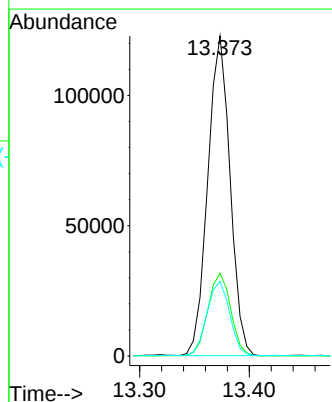
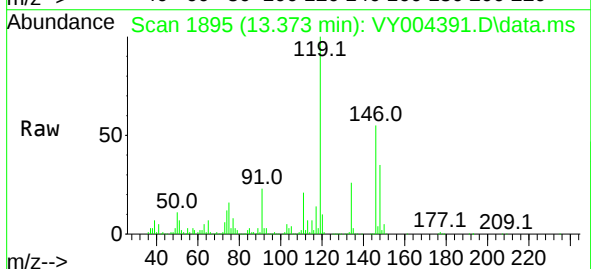
Instrument :  
 MSVOA\_Y  
 ClientSampled :

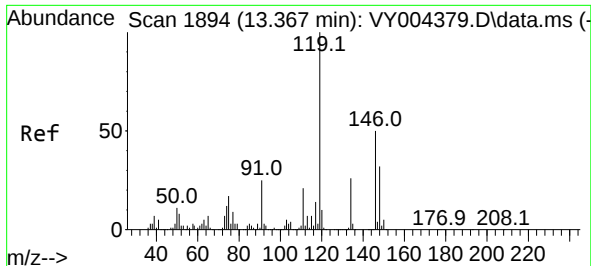
Tgt Ion:105 Resp: 184953  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 34.28 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004391.D  
 Acq: 12 Apr 2021 17:58

Tgt Ion:119 Resp: 173267  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.3 39.8  
 91 23.7 11.9 35.7



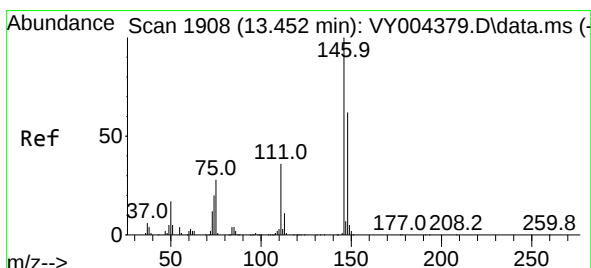
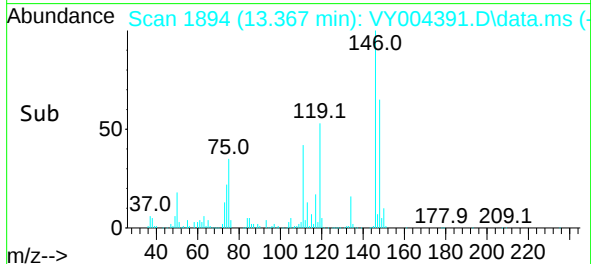
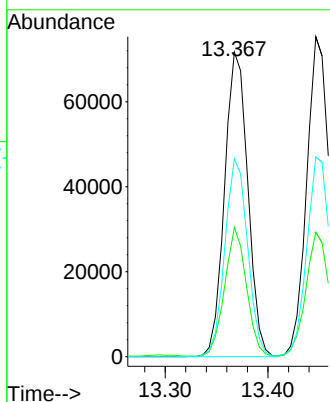
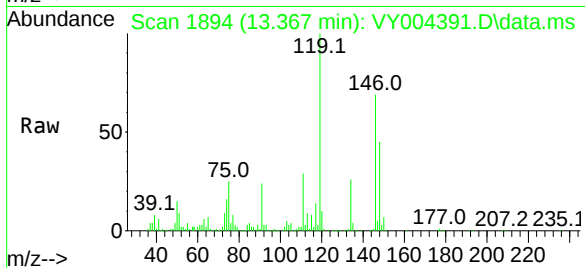


#87

1,3-Dichlorobenzene  
Concen: 46.91 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Instrument :  
MSVOA\_Y  
ClientSampled :

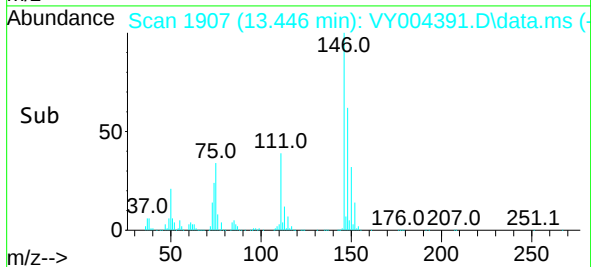
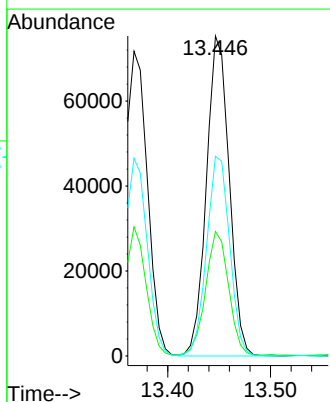
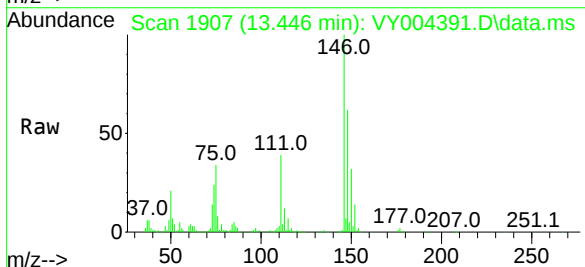
Tgt Ion:146 Resp: 112476  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.4 61.2  
148 63.7 32.1 96.5

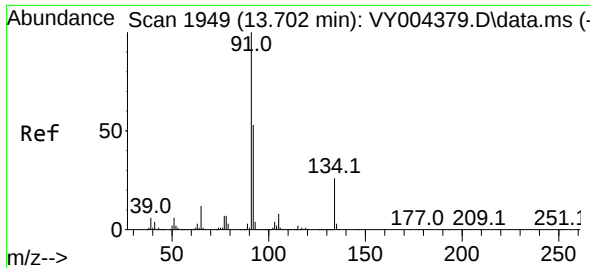


#88

1,4-Dichlorobenzene  
Concen: 48.08 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:146 Resp: 116033  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.6 58.8  
148 63.3 31.9 95.5

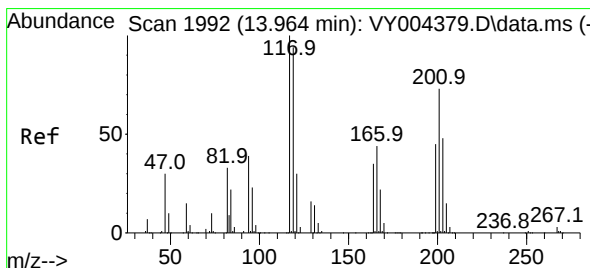
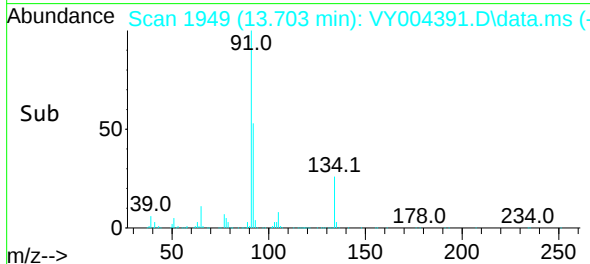
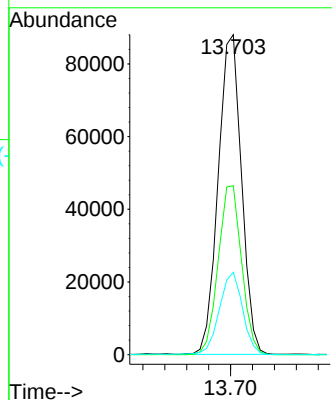
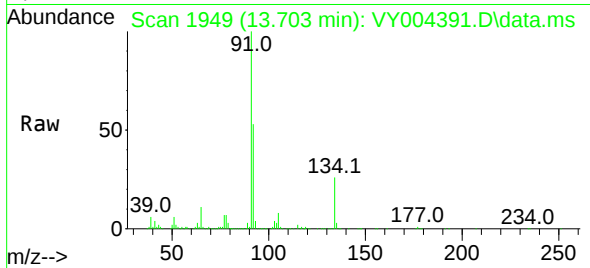




#89  
n-Butylbenzene  
Concen: 26.96 ug/l  
RT: 13.703 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

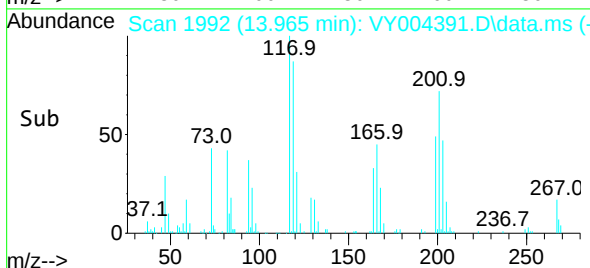
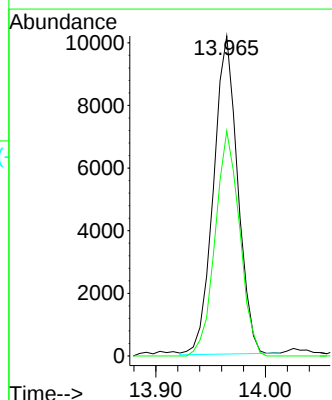
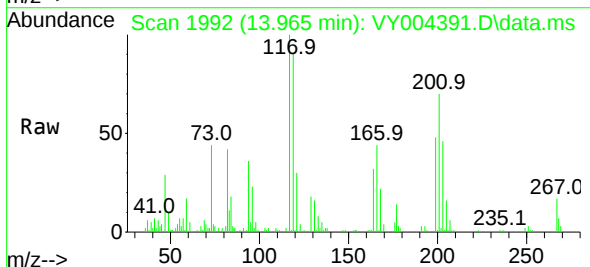
Instrument :  
MSVOA\_Y  
ClientSampled :

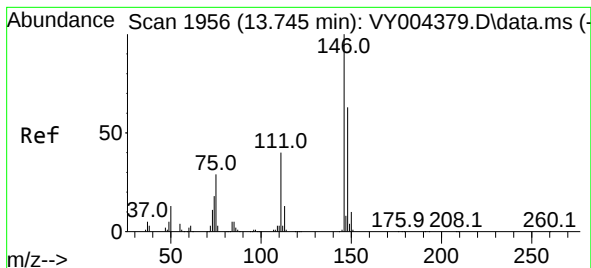
Tgt Ion: 91 Resp: 130102  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.6 79.8  
134 25.8 12.7 38.1



#90  
Hexachloroethane  
Concen: 22.95 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 117 Resp: 15568  
Ion Ratio Lower Upper  
117 100  
201 71.3 36.6 109.9

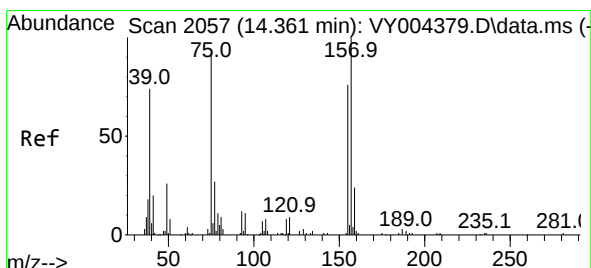
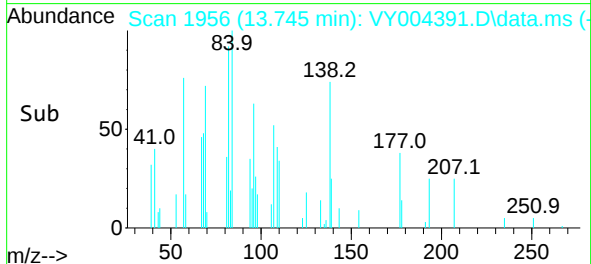
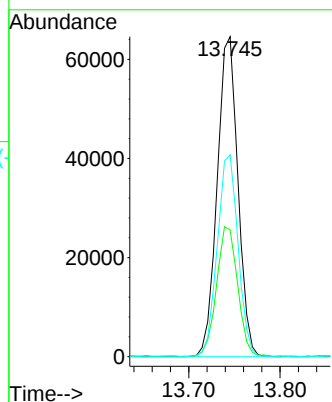
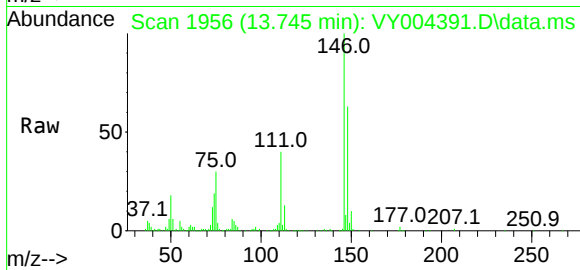




#91  
1,2-Dichlorobenzene  
Concen: 47.78 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

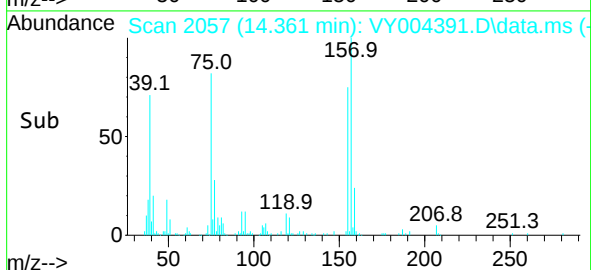
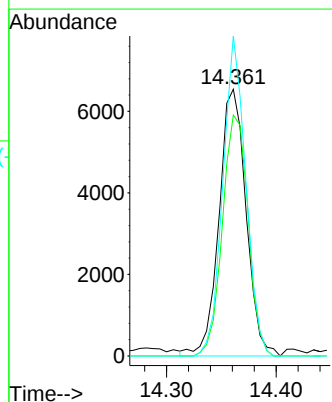
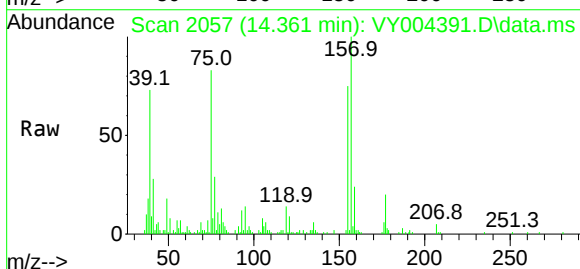
Instrument :  
MSVOA\_Y  
ClientSampled :

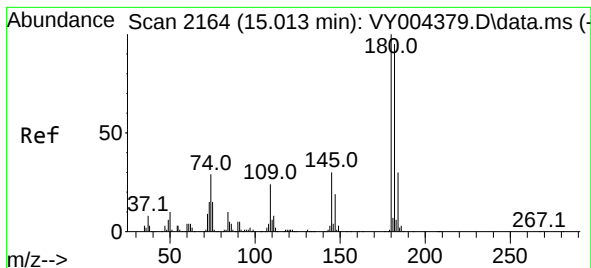
Tgt Ion:146 Resp: 101686  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.9 62.7  
148 63.4 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.63 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion: 75 Resp: 11204  
Ion Ratio Lower Upper  
75 100  
155 85.5 40.6 121.8  
157 101.7 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 26.54 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

Tgt Ion:180 Resp: 37340

Ion Ratio Lower Upper

180 100

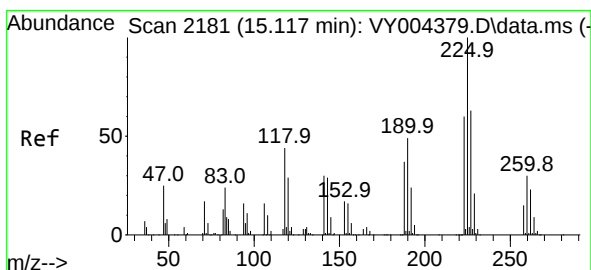
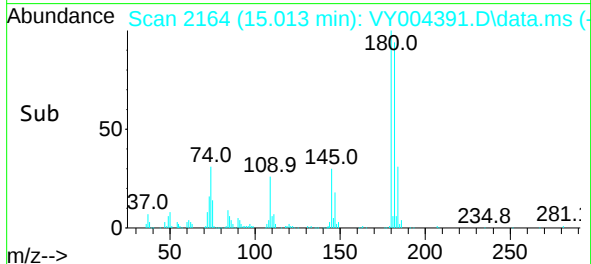
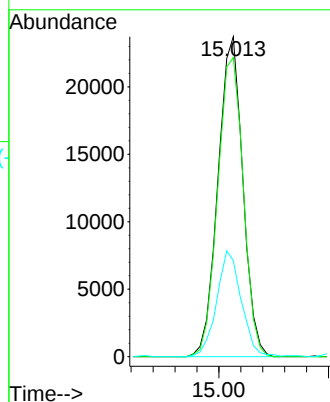
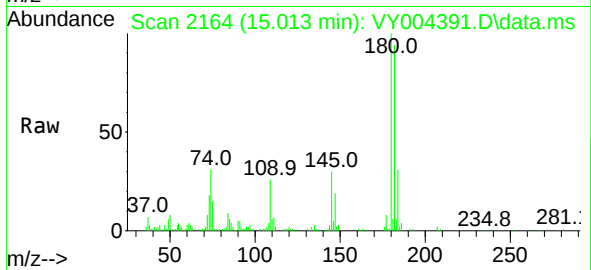
182 96.1 47.3 141.8

145 33.0 15.5 46.5

Instrument :

MSVOA\_Y

ClientSampled :



#94

Hexachlorobutadiene

Concen: 10.13 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

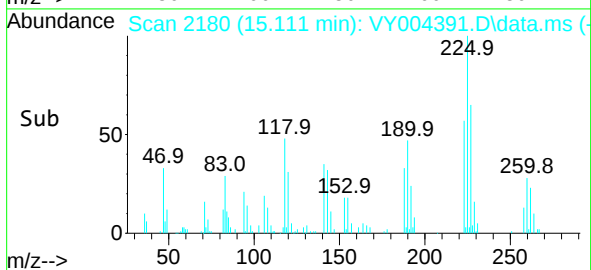
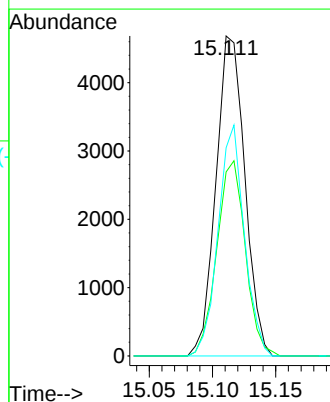
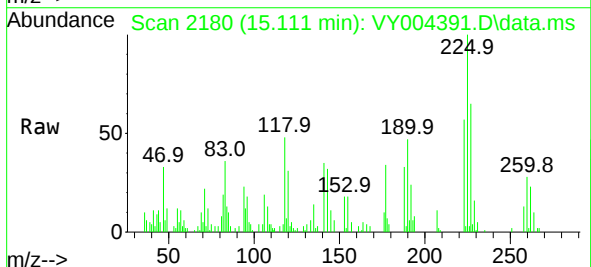
Tgt Ion:225 Resp: 7443

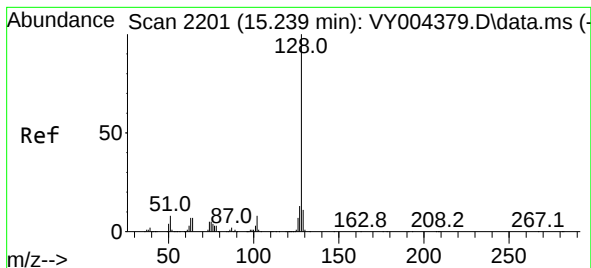
Ion Ratio Lower Upper

225 100

223 60.2 31.3 93.9

227 65.3 32.2 96.6

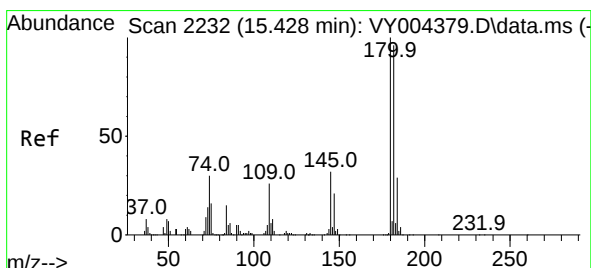
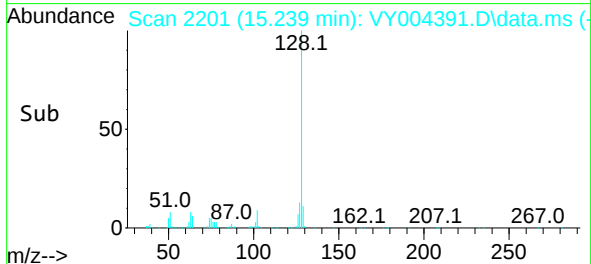
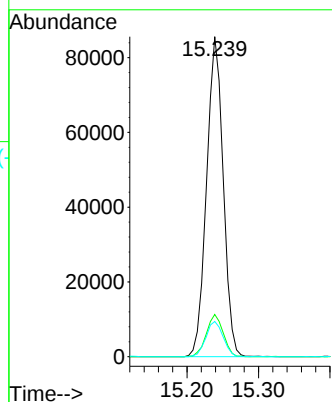
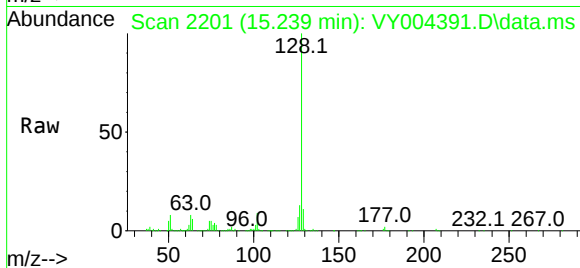




#95  
Naphthalene  
Concen: 45.21 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:128 Resp: 138288  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.2 15.2  
129 11.4 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 25.71 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY004391.D  
Acq: 12 Apr 2021 17:58

Tgt Ion:180 Resp: 31909  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.6 142.8  
145 33.8 16.3 48.8

