

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092122\  
 Data File : VY010591.D  
 Acq On : 21 Sep 2022 10:15  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 21 15:33:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 01:02:44 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 245842   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 389075   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 350643   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 172320   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 130193   | 55.368   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 110.740% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 121970   | 49.120   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 98.240%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 487595   | 52.937   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 105.880% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 160413   | 46.934   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 93.860%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 52995  | 46.708  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 85207  | 50.936  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.247 | 62  | 106312 | 48.529  | ug/l   | 99  |
| 5) Bromomethane              | 2.643 | 94  | 71491  | 48.341  | ug/l   | 99  |
| 6) Chloroethane              | 2.790 | 64  | 77334  | 44.655  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 146477 | 45.345  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.527 | 74  | 52231  | 47.158  | ug/l   | 80  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 90140  | 46.365  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.088 | 142 | 100645 | 44.813  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 58905  | 281.347 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 78487  | 45.212  | ug/l   | 85  |
| 13) Acrolein                 | 3.723 | 56  | 32603  | 298.058 | ug/l   | 99  |
| 14) Allyl chloride           | 4.472 | 41  | 126823 | 48.457  | ug/l # | 94  |
| 15) Acrylonitrile            | 5.155 | 53  | 151741 | 263.962 | ug/l   | 97  |
| 16) Acetone                  | 3.942 | 43  | 145918 | 304.303 | ug/l   | 90  |
| 17) Carbon Disulfide         | 4.186 | 76  | 157446 | 46.258  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.472 | 43  | 69633  | 51.389  | ug/l # | 90  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 268766 | 49.659  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.710 | 84  | 108357 | 40.083  | ug/l   | 84  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 89901  | 46.020  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.112 | 45  | 322626 | 52.222  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.051 | 43  | 995606 | 272.796 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 183002 | 49.354  | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 211544 | 282.045 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 175510 | 49.223  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 117113 | 48.120  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.326 | 49  | 98906  | 56.159  | ug/l   | 86  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 123155 | 267.338 | ug/l # | 86  |
| 30) Chloroform               | 7.502 | 83  | 199413 | 49.710  | ug/l   | 99  |
| 31) Cyclohexane              | 7.783 | 56  | 131086 | 49.600  | ug/l   | 89  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 173444 | 48.580  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 131579 | 47.558  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.069 | 43  | 84658  | 52.976  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 152435 | 47.918  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.179 | 83  | 143615 | 44.350  | ug/l   | 92  |
| 40) Benzene                  | 8.155 | 78  | 397686 | 48.217  | ug/l   | 97  |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 21 15:33:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 01:02:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 117117   | 143.687 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 126850   | 49.945  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 153687   | 52.466  | ug/l # | 92       |
| 44) Trichloroethene           | 8.935  | 130  | 109906   | 46.549  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 107835   | 50.539  | ug/l   | 98       |
| 46) Dibromomethane            | 9.301  | 93   | 61159    | 48.810  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 157191   | 50.807  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 68368    | 52.872  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 18247    | 990.322 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 458141   | 277.023 | ug/l   | 90       |
| 52) Toluene                   | 10.246 | 92   | 258052   | 47.817  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 156122   | 49.906  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 174493   | 50.029  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 93748    | 50.866  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 123713   | 51.814  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 154616   | 50.645  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 353012   | 260.254 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.831 | 43   | 321636   | 286.932 | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.983 | 129  | 114343   | 50.696  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 85203    | 49.380  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 106616   | 45.517  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.514 | 112  | 294213   | 48.524  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 118152   | 50.018  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 521233   | 48.955  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 403018   | 97.710  | ug/l   | 93       |
| 69) o-Xylene                  | 12.032 | 106  | 196584   | 48.885  | ug/l   | 93       |
| 70) Styrene                   | 12.044 | 104  | 339145   | 49.645  | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 73119    | 49.849  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 529459   | 49.716  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 140598   | 54.442  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 111873   | 51.551  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 147868   | 89.907  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 125157   | 49.393  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 635955   | 50.133  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 355988   | 49.252  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 446216   | 49.588  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 38424    | 51.945  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 371955   | 49.835  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 397429   | 49.384  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 443122   | 49.569  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 588680   | 49.946  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 492936   | 50.047  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 251899   | 48.978  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 250284   | 49.169  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 455755   | 50.406  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 96101    | 50.818  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 227342   | 49.622  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 18382    | 50.761  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 134947   | 48.285  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 79714    | 46.927  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 283156   | 50.282  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 119508   | 49.109  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

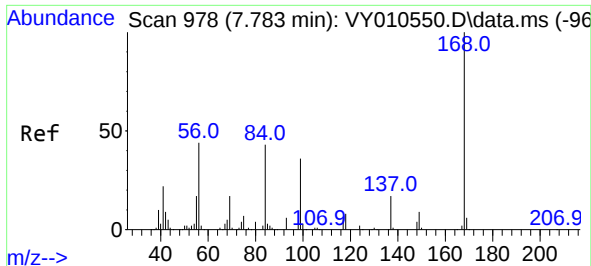
Quant Time: Sep 21 15:33:37 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 20 01:02:44 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260  
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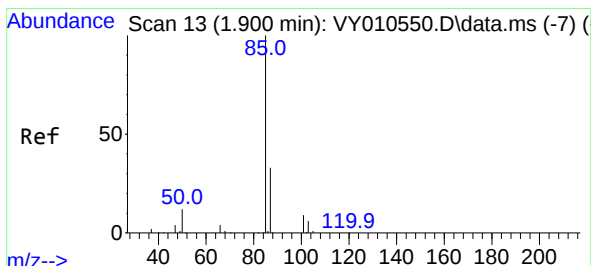
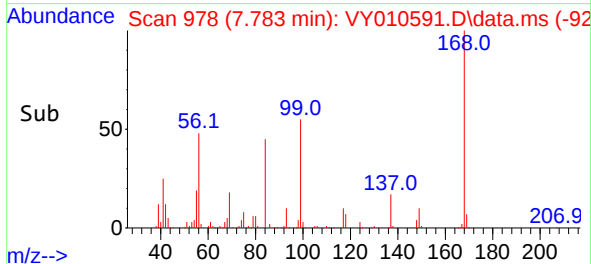
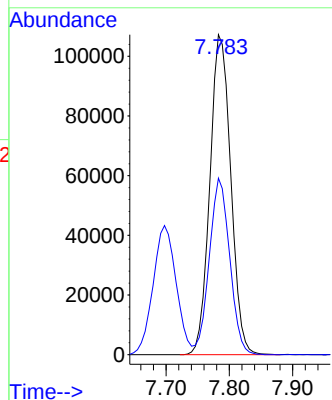
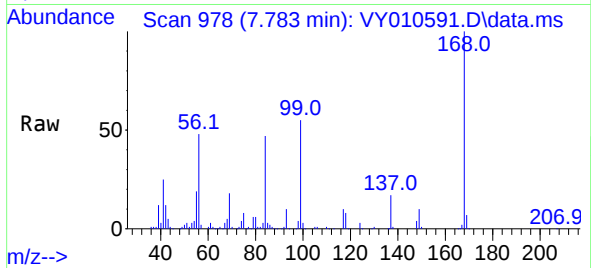




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

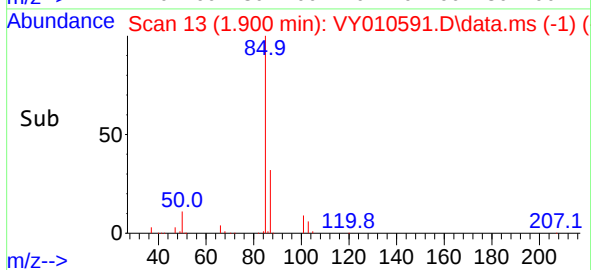
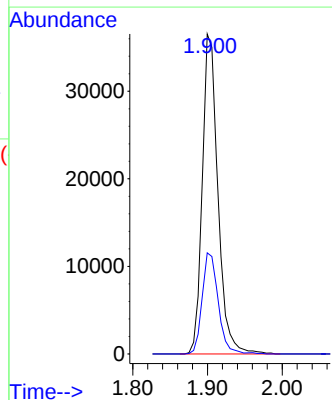
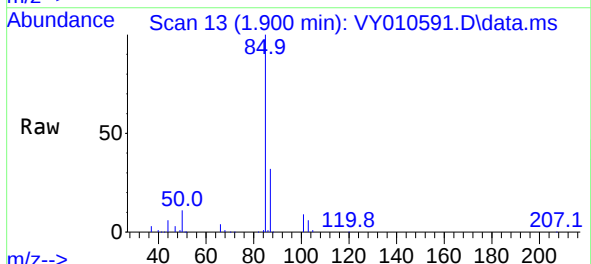
Instrument :  
MSVOA\_Y  
ClientSampleId :

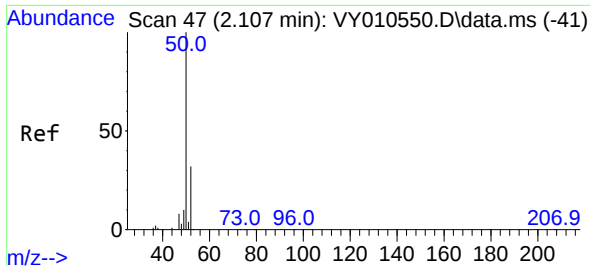
Tgt Ion:168 Resp: 245842  
Ion Ratio Lower Upper  
168 100  
99 55.1 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 46.708 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 85 Resp: 52995  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.1 48.2

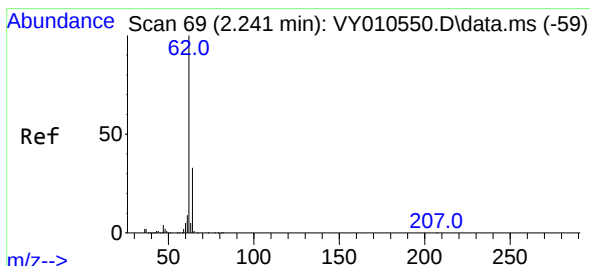
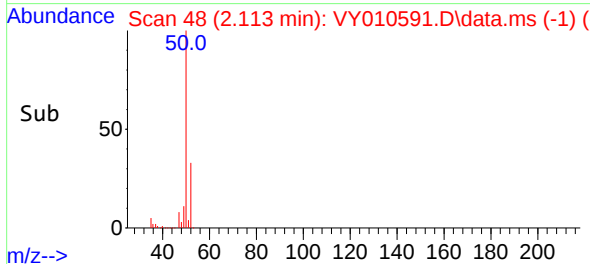
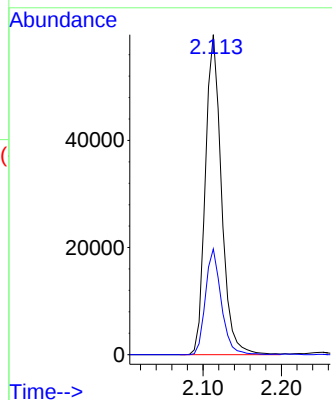
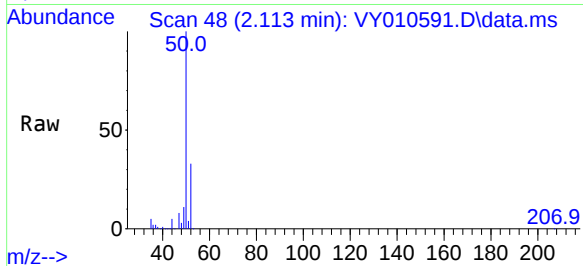




#3  
Chloromethane  
Concen: 50.936 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

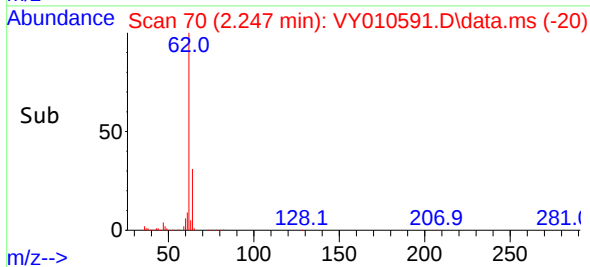
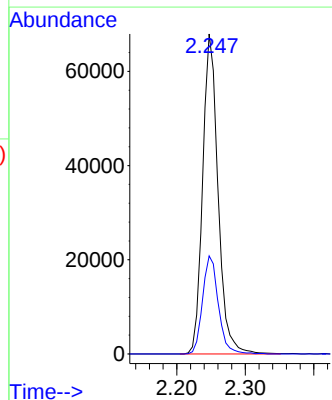
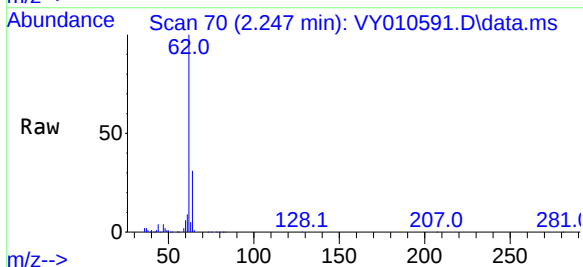
Instrument :  
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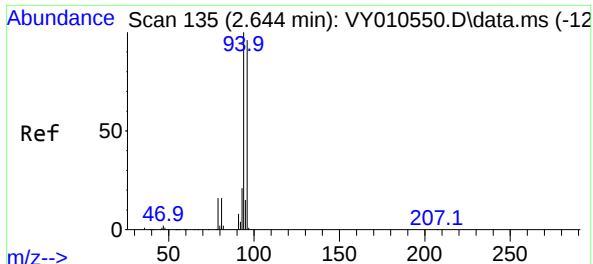
Tgt Ion: 50 Resp: 85207  
Ion Ratio Lower Upper  
50 100  
52 33.1 24.6 37.0



#4  
Vinyl Chloride  
Concen: 48.529 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 62 Resp: 106312  
Ion Ratio Lower Upper  
62 100  
64 30.6 25.0 37.6

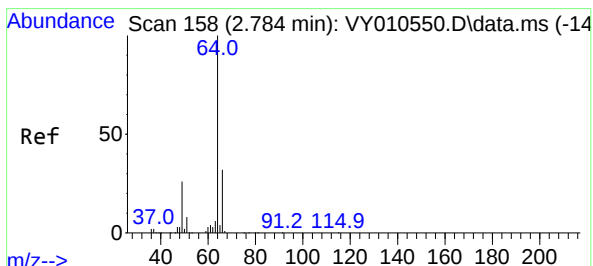
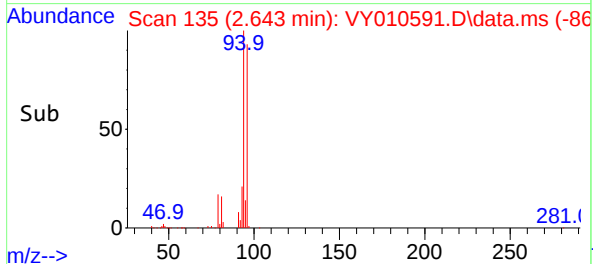
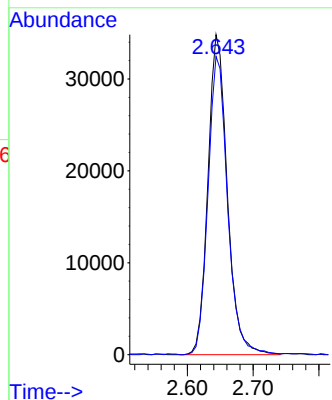
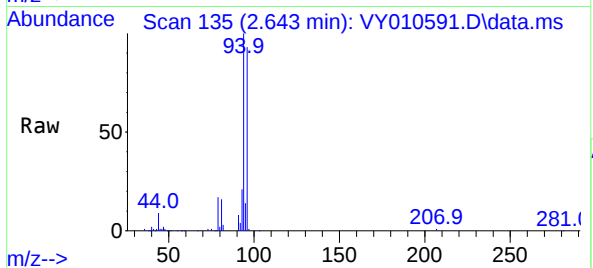




#5  
Bromomethane  
Concen: 48.341 ug/l  
RT: 2.643 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

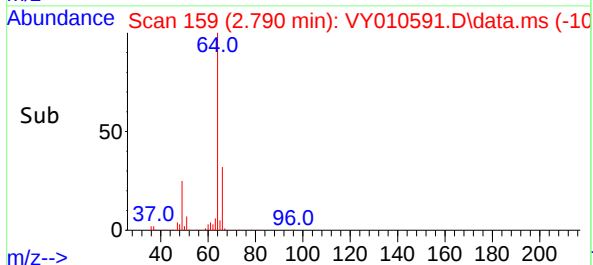
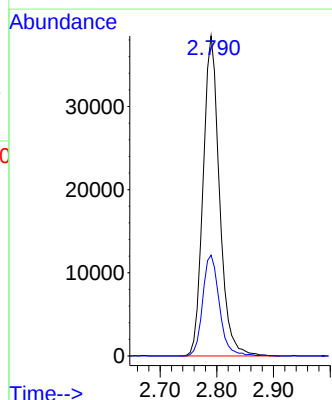
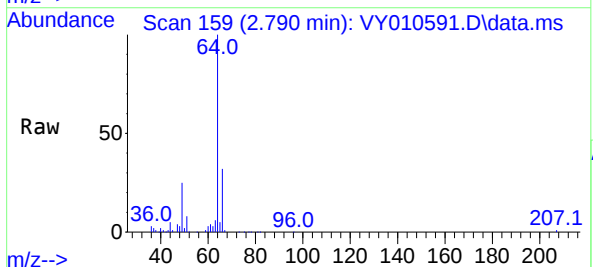
Instrument :  
MSVOA\_Y  
ClientSampleId :

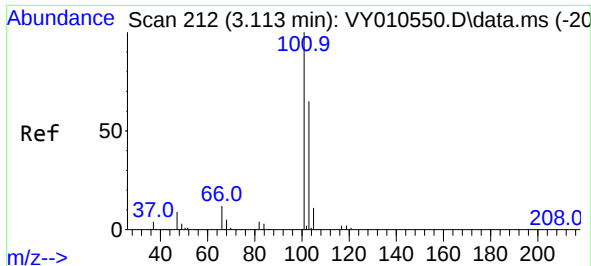
Tgt Ion: 94 Resp: 71491  
Ion Ratio Lower Upper  
94 100  
96 93.2 73.5 110.3



#6  
Chloroethane  
Concen: 44.655 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

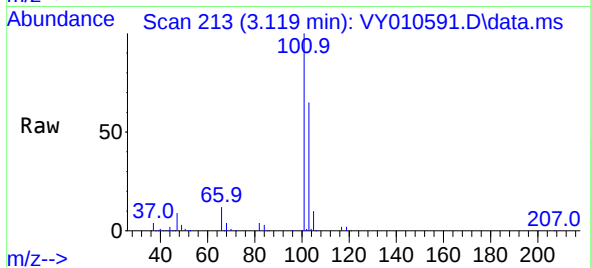
Tgt Ion: 64 Resp: 77334  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.4 38.0



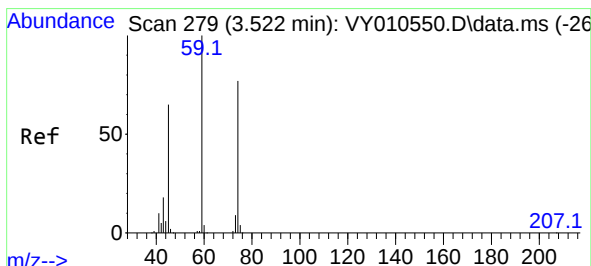
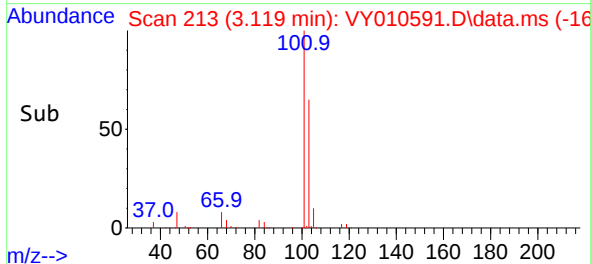
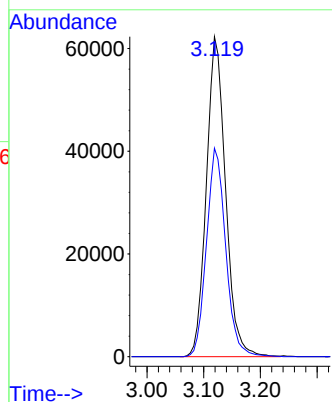


#7  
 Trichlorofluoromethane  
 Concen: 45.345 ug/l  
 RT: 3.119 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

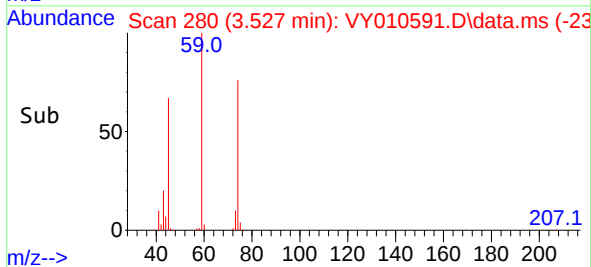
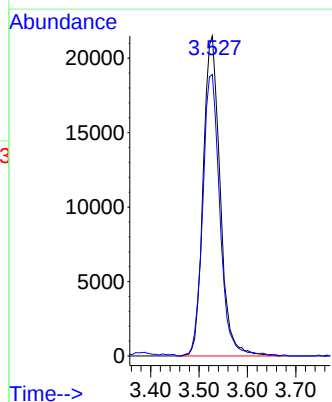
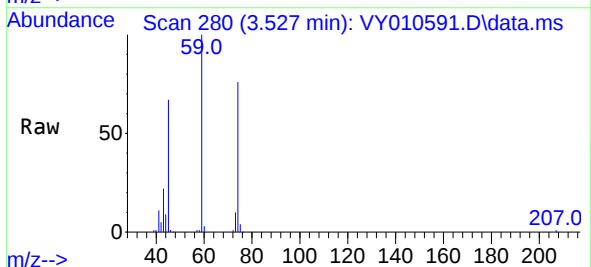


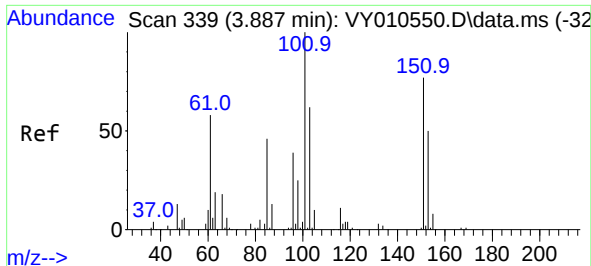
Tgt Ion:101 Resp: 146477  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 47.158 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.005 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Tgt Ion: 74 Resp: 52231  
 Ion Ratio Lower Upper  
 74 100  
 45 89.6 55.1 165.5

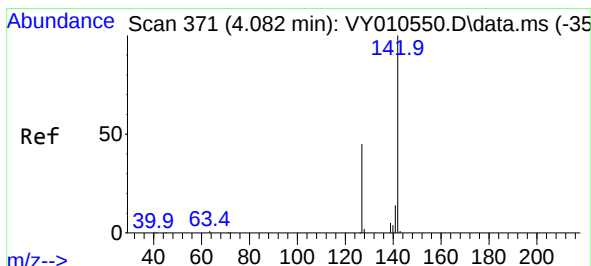
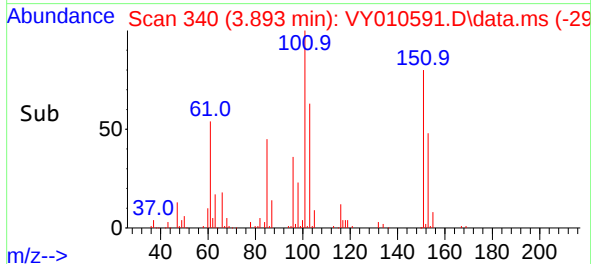
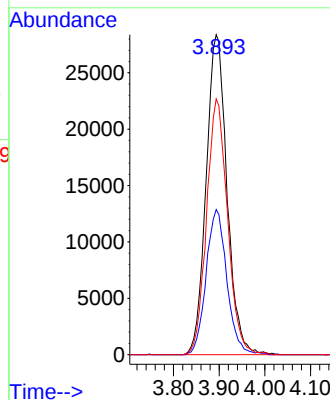
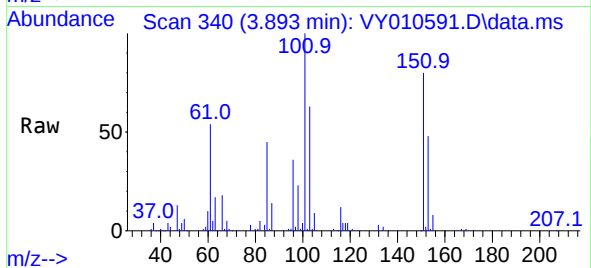




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.365 ug/l  
RT: 3.893 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

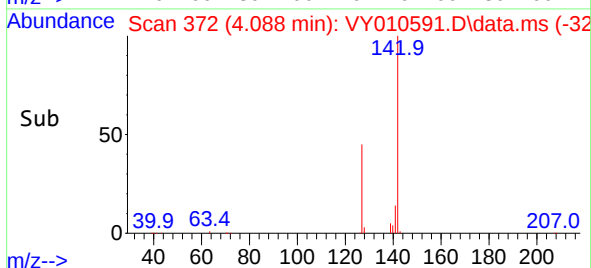
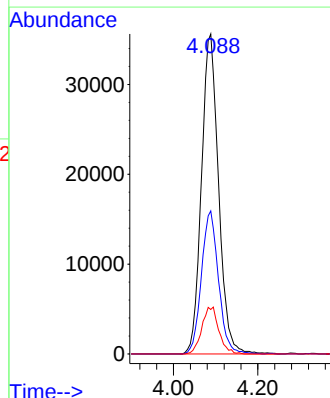
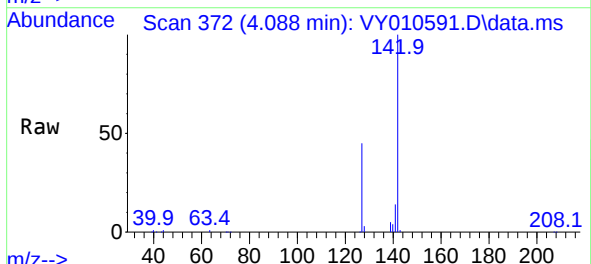
Instrument :  
MSVOA\_Y  
ClientSampleId :

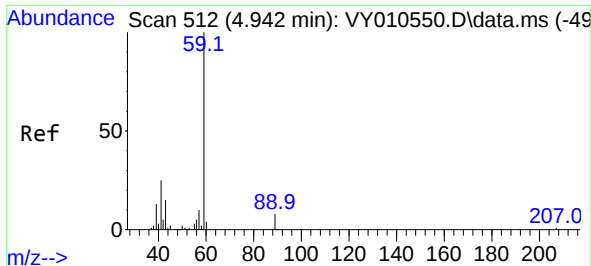
Tgt Ion:101 Resp: 90140  
Ion Ratio Lower Upper  
101 100  
85 45.2 40.6 60.8  
151 80.0 64.9 97.3



#10  
Methyl Iodide  
Concen: 44.813 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

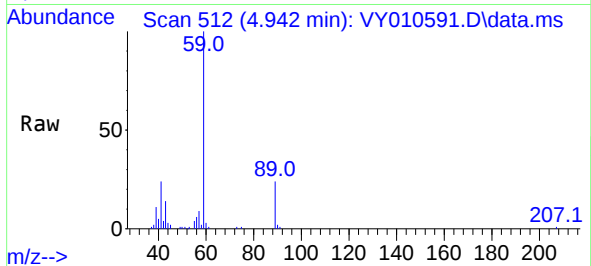
Tgt Ion:142 Resp: 100645  
Ion Ratio Lower Upper  
142 100  
127 44.6 41.5 62.3  
141 14.6 11.9 17.9



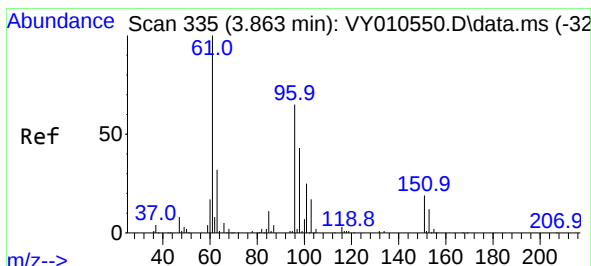
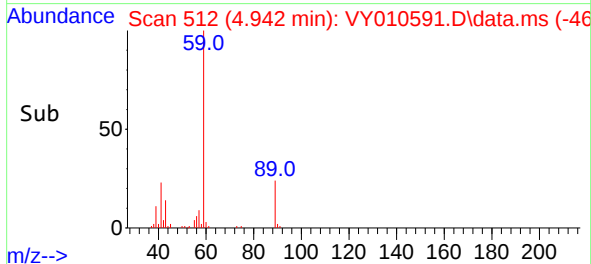
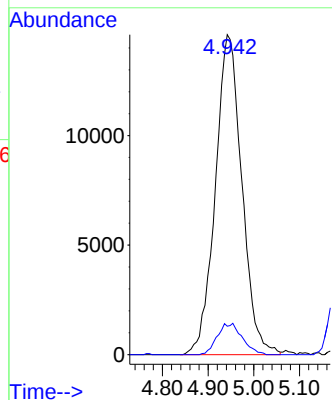


#11  
Tert butyl alcohol  
Concen: 281.347 ug/l  
RT: 4.942 min Scan# 512  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

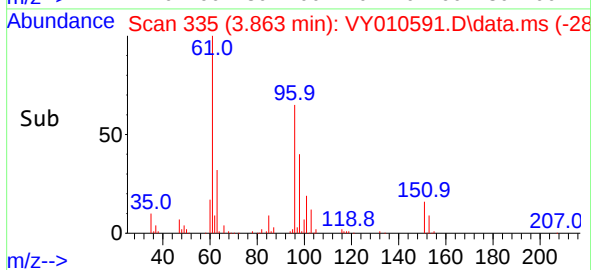
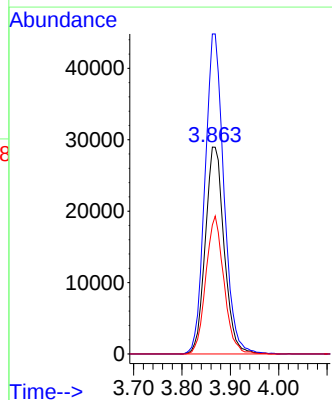
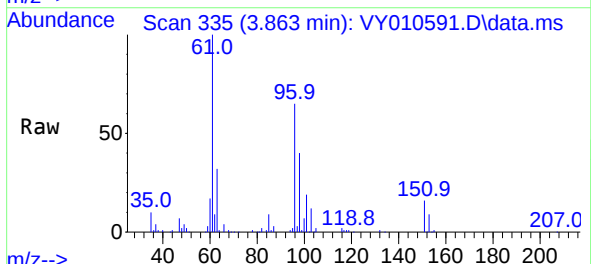


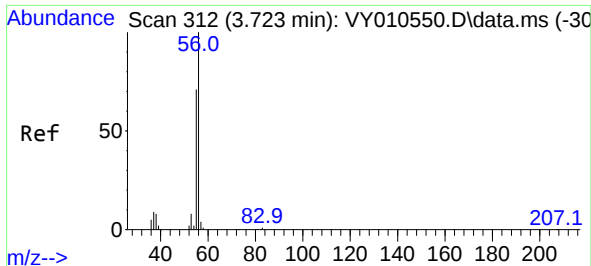
Tgt Ion: 59 Resp: 58905  
Ion Ratio Lower Upper  
59 100  
57 9.2 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 45.212 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 96 Resp: 78487  
Ion Ratio Lower Upper  
96 100  
61 154.7 145.8 218.6  
98 62.4 52.5 78.7

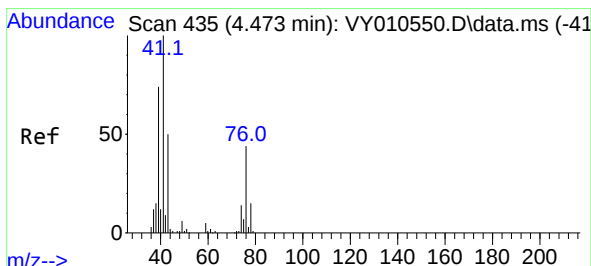
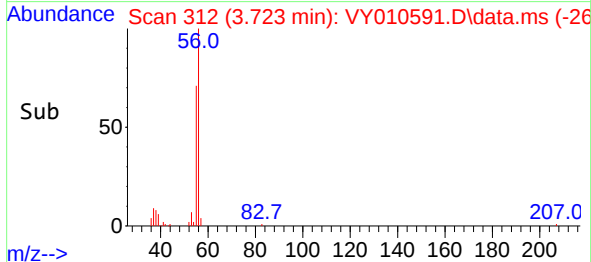
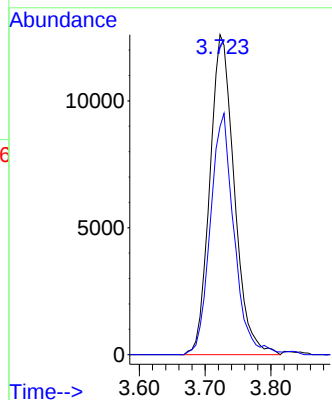
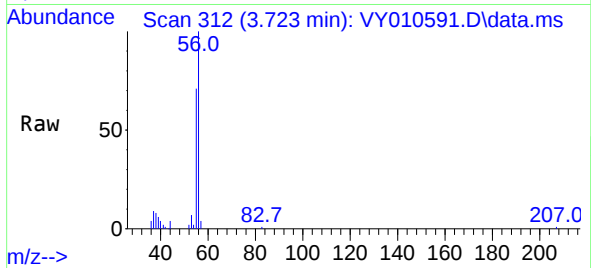




#13  
Acrolein  
Concen: 298.058 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

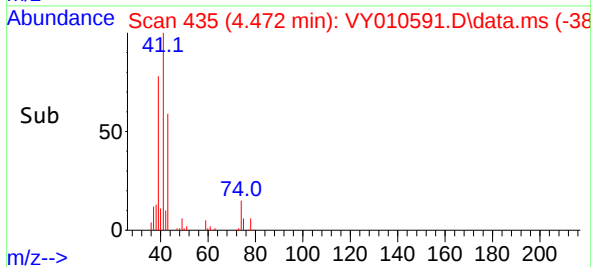
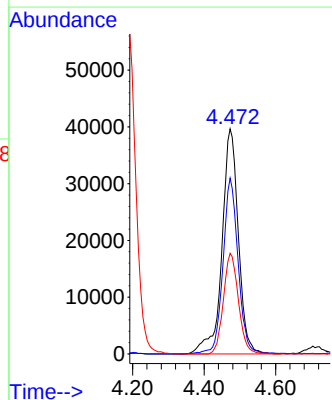
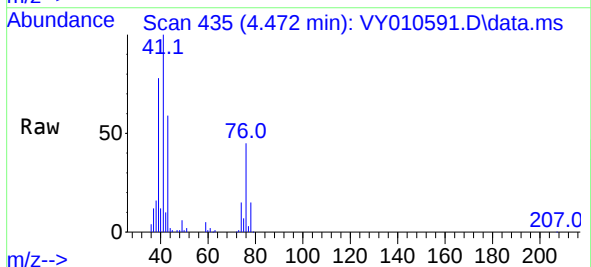
Instrument :  
MSVOA\_Y  
ClientSampleId :

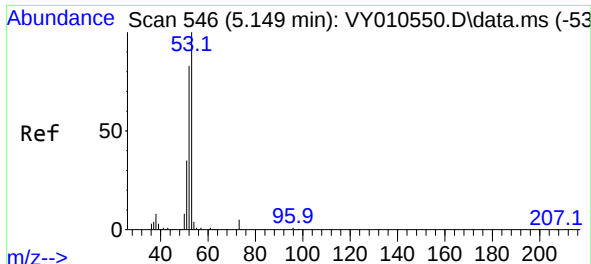
Tgt Ion: 56 Resp: 32603  
Ion Ratio Lower Upper  
56 100  
55 73.2 57.6 86.4



#14  
Allyl chloride  
Concen: 48.457 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

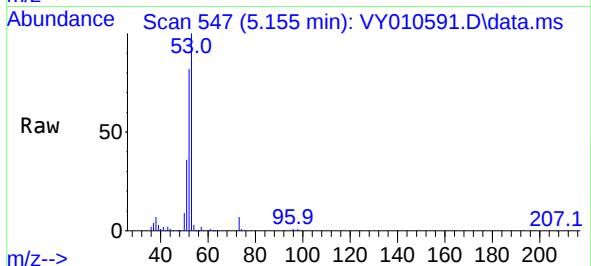
Tgt Ion: 41 Resp: 126823  
Ion Ratio Lower Upper  
41 100  
39 71.9 58.8 88.2  
76 40.8 25.1 37.7#



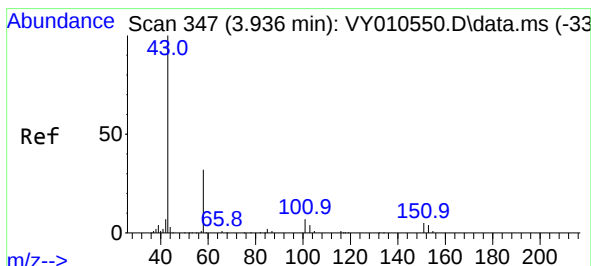
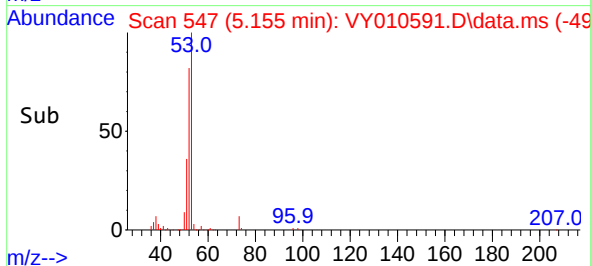
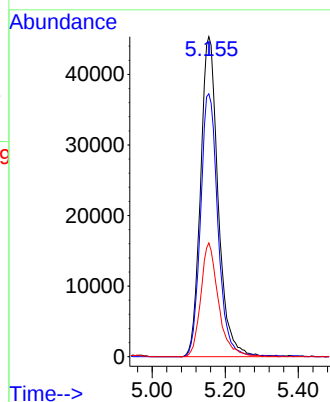


#15  
Acrylonitrile  
Concen: 263.962 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

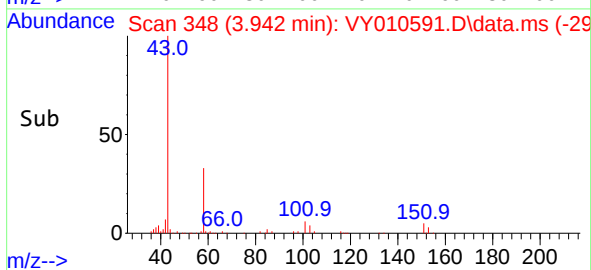
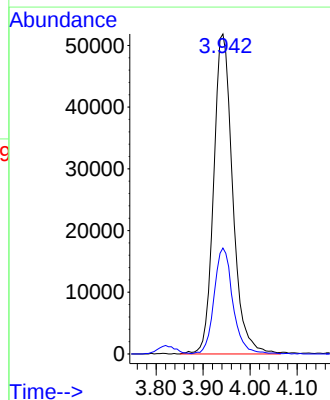
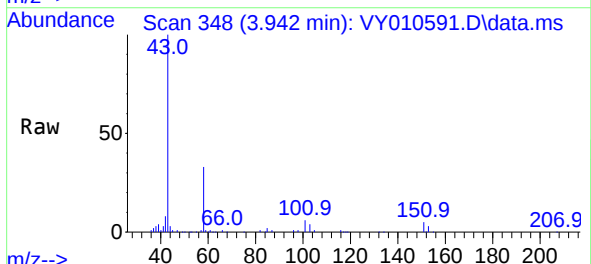


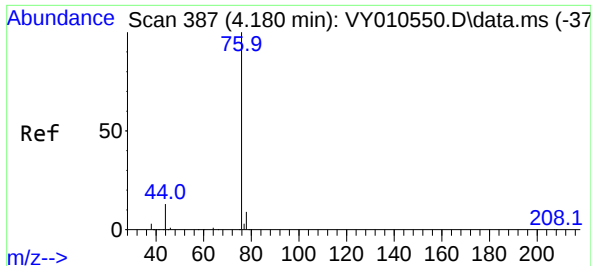
Tgt Ion: 53 Resp: 151741  
Ion Ratio Lower Upper  
53 100  
52 81.1 67.0 100.4  
51 35.6 29.8 44.6



#16  
Acetone  
Concen: 304.303 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 43 Resp: 145918  
Ion Ratio Lower Upper  
43 100  
58 33.0 22.0 33.0

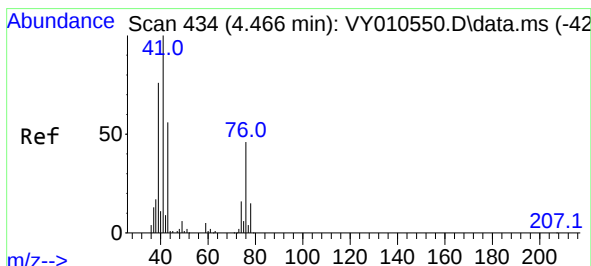
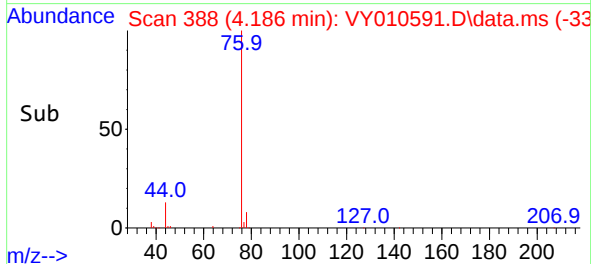
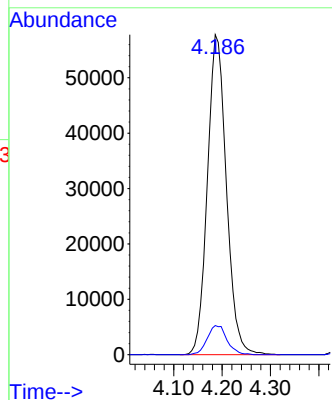
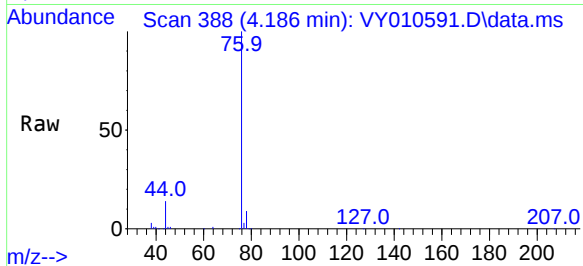




#17  
Carbon Disulfide  
Concen: 46.258 ug/l  
RT: 4.186 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

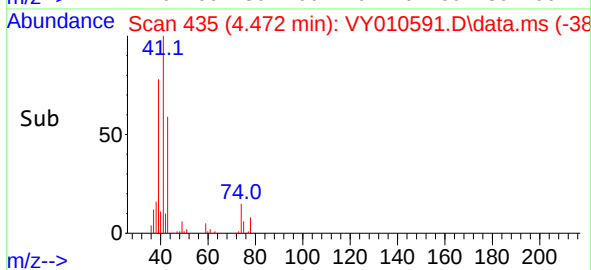
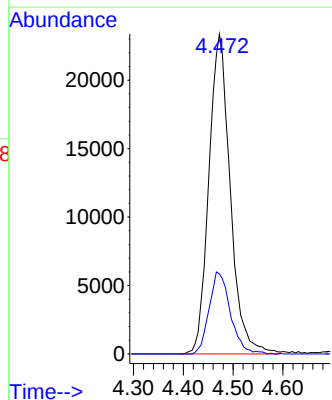
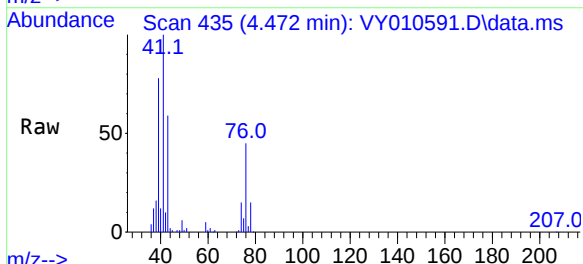
Instrument :  
MSVOA\_Y  
ClientSampleId :

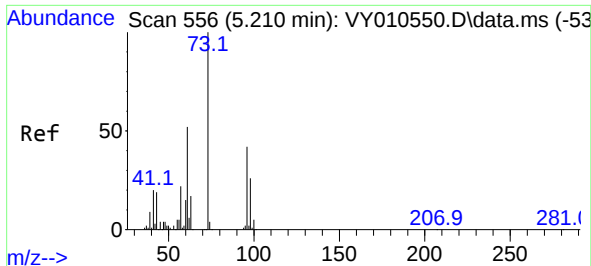
Tgt Ion: 76 Resp: 157446  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 51.389 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 43 Resp: 69633  
Ion Ratio Lower Upper  
43 100  
74 25.5 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 49.659 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

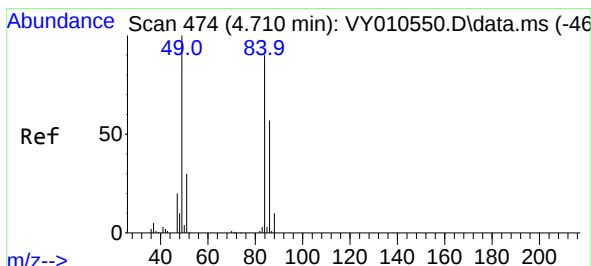
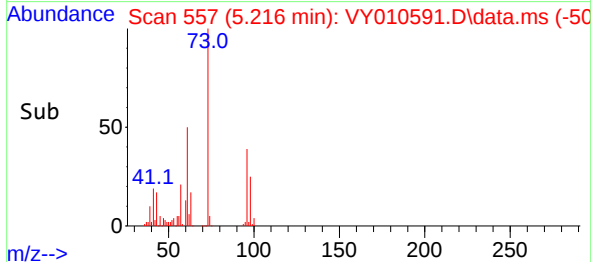
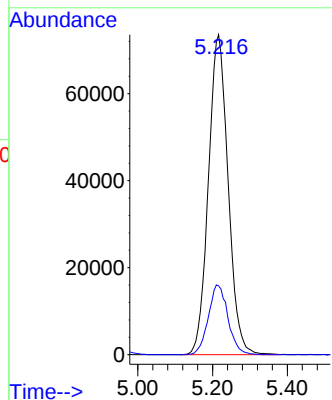
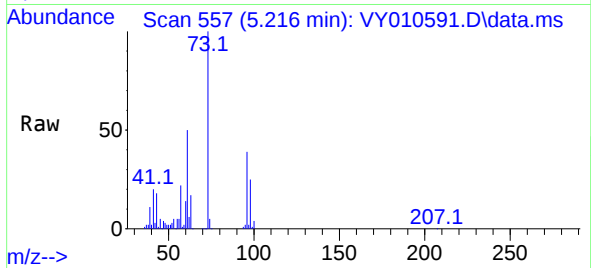
ClientSampleId :

Tgt Ion: 73 Resp: 268766

Ion Ratio Lower Upper

73 100

57 21.5 18.6 27.8



#20

Methylene Chloride

Concen: 40.083 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Tgt Ion: 84 Resp: 108357

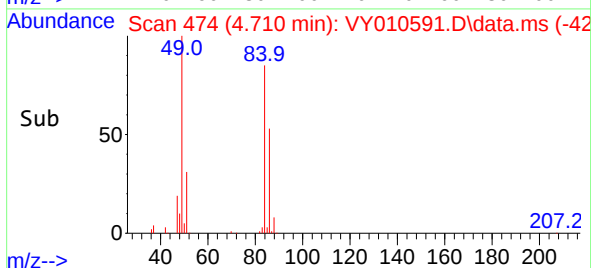
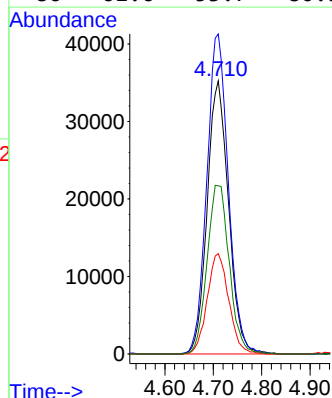
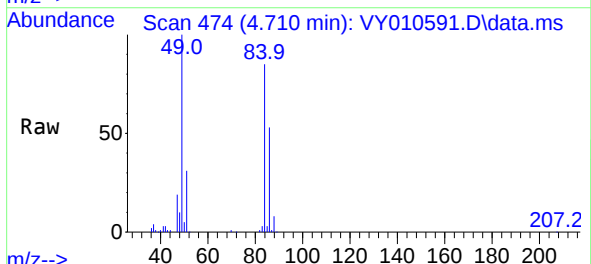
Ion Ratio Lower Upper

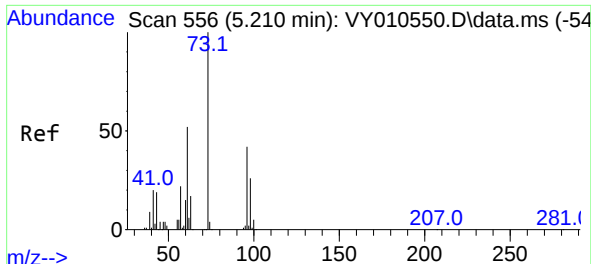
84 100

49 117.1 114.4 171.6

51 36.7 35.3 52.9

86 61.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 46.020 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.006 min

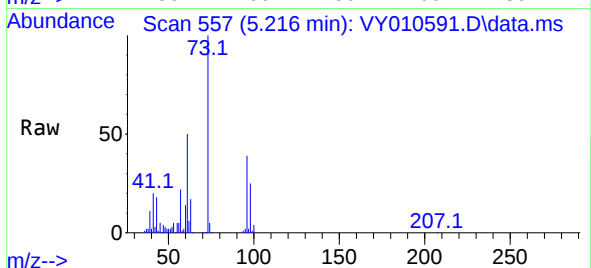
Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

ClientSampleId :



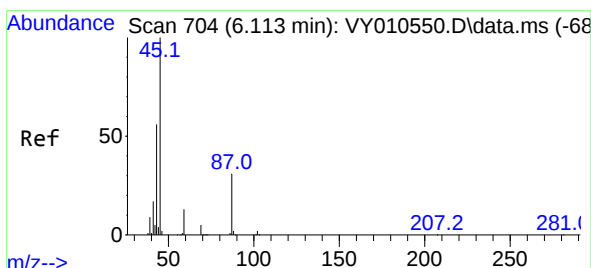
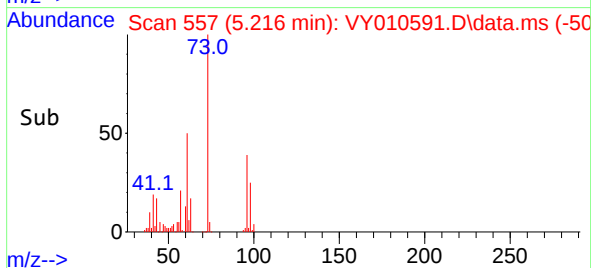
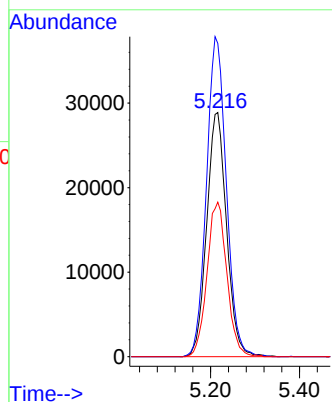
Tgt Ion: 96 Resp: 89901

Ion Ratio Lower Upper

96 100

61 128.3 120.5 180.7

98 63.3 49.8 74.8



#22

Diisopropyl ether

Concen: 52.222 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.001 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Tgt Ion: 45 Resp: 322626

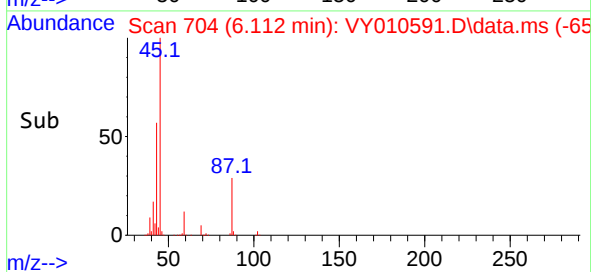
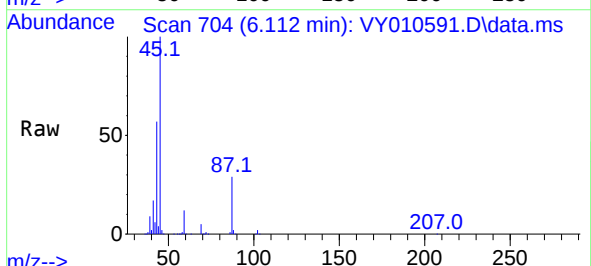
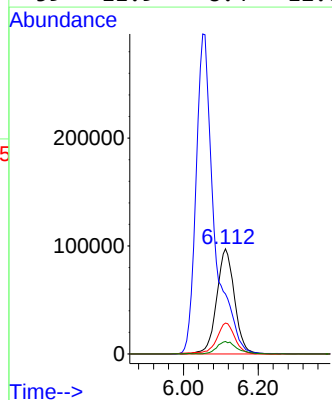
Ion Ratio Lower Upper

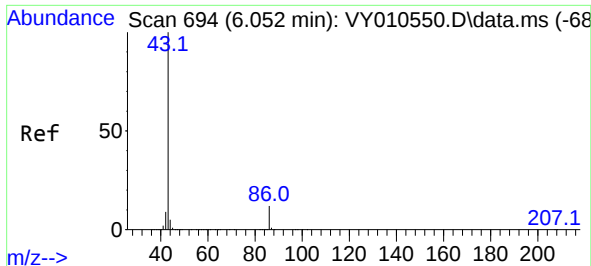
45 100

43 56.7 49.3 73.9

87 29.4 19.2 28.8#

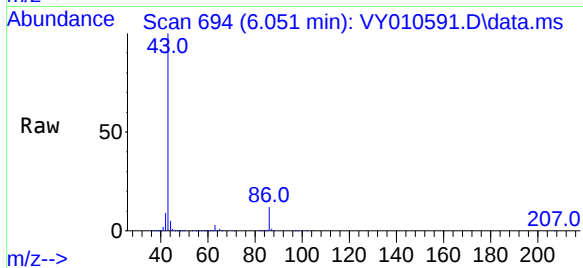
59 11.9 8.4 12.6



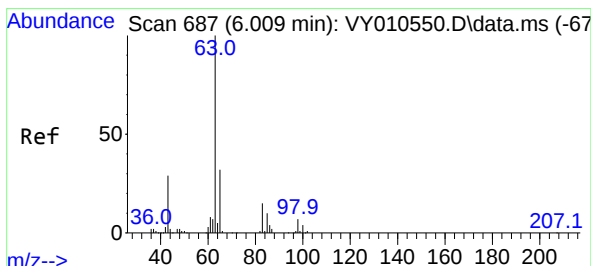
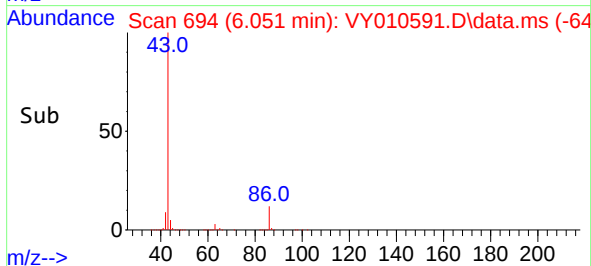
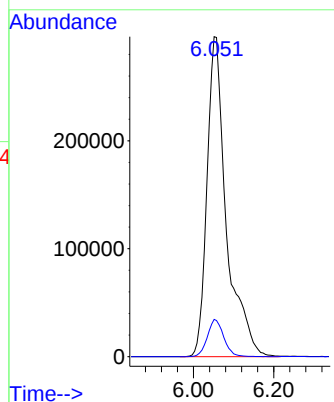


#23  
 Vinyl Acetate  
 Concen: 272.796 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. -0.001 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

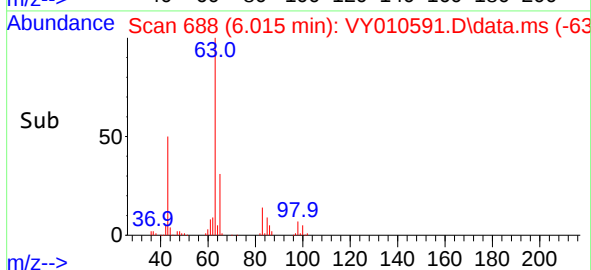
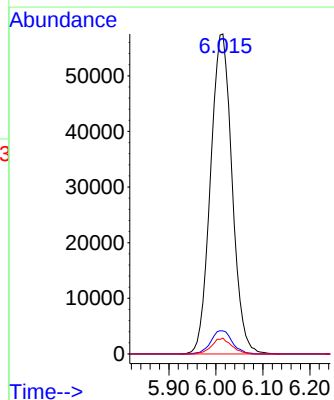
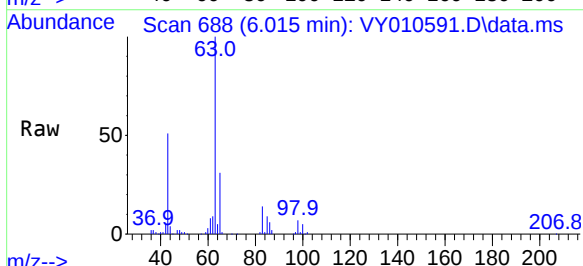


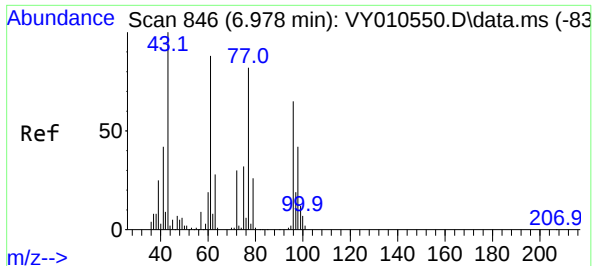
Tgt Ion: 43 Resp: 995606  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.354 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.006 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Tgt Ion: 63 Resp: 183002  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.8  
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 282.045 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

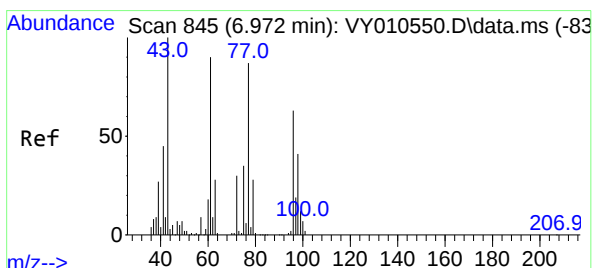
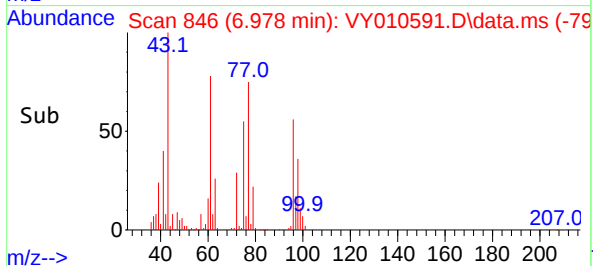
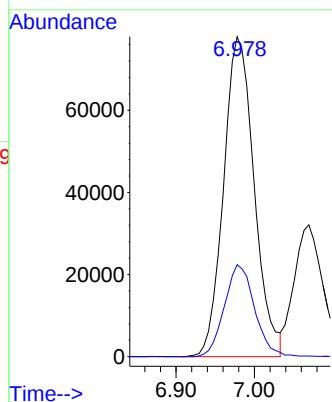
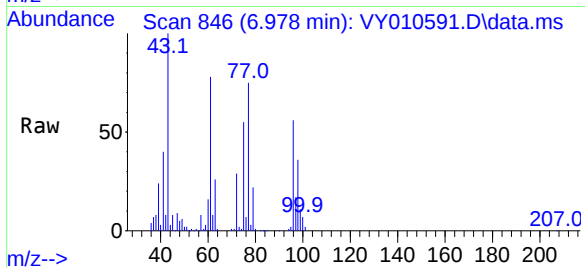
ClientSampleId :

Tgt Ion: 43 Resp: 211544

Ion Ratio Lower Upper

43 100

72 28.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 49.223 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010591.D

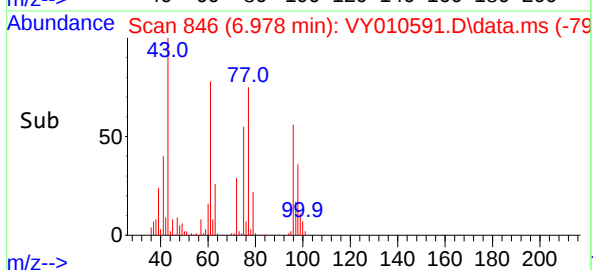
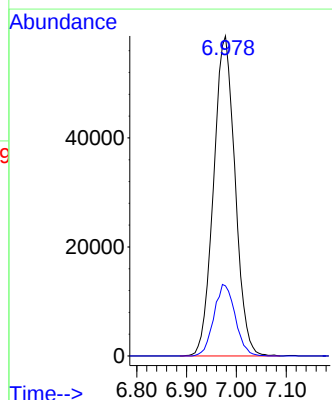
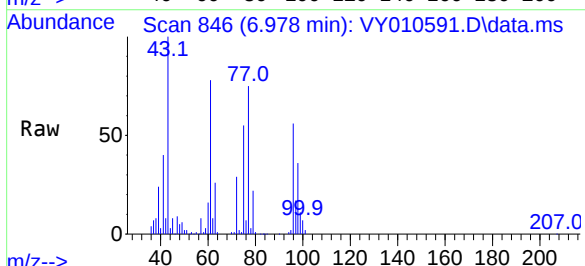
Acq: 21 Sep 2022 10:15

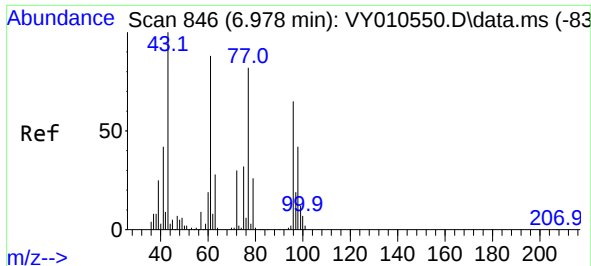
Tgt Ion: 77 Resp: 175510

Ion Ratio Lower Upper

77 100

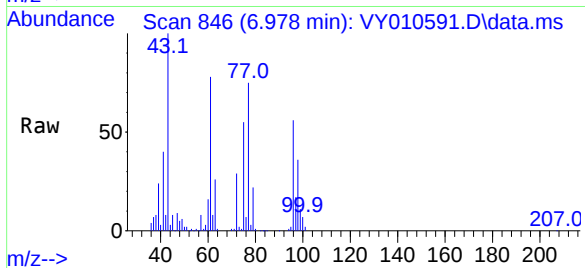
97 22.2 10.4 31.4





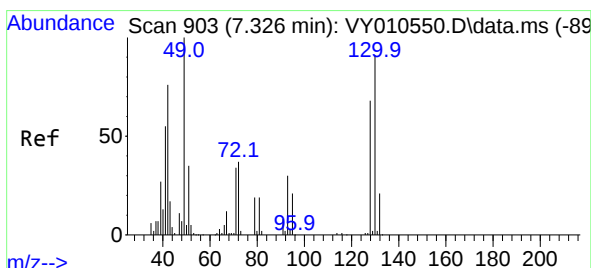
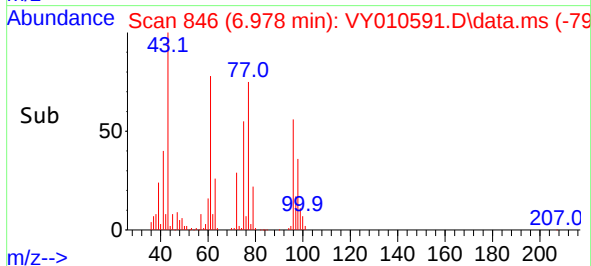
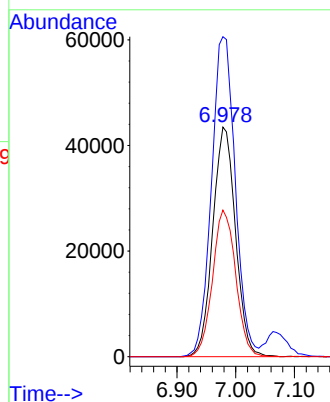
#27  
 cis-1,2-Dichloroethene  
 Concen: 48.120 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 117113  

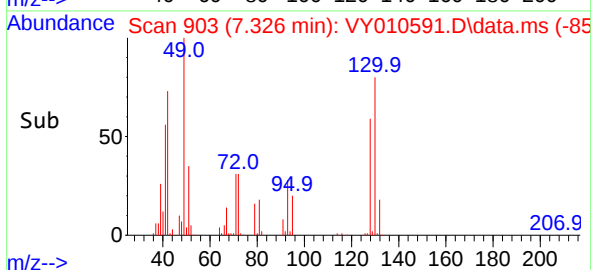
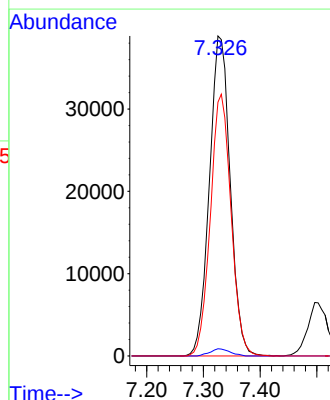
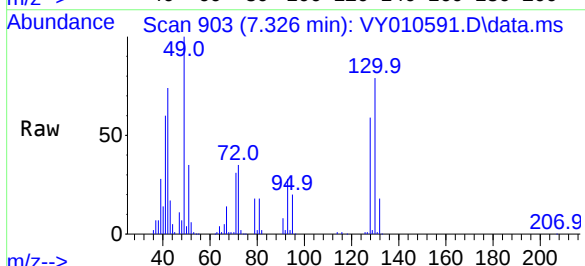
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.6 | 0.0   | 319.8 |
| 98  | 65.0  | 0.0   | 127.0 |

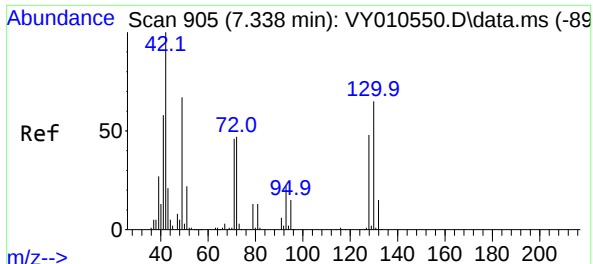


#28  
 Bromochloromethane  
 Concen: 56.159 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.000 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Tgt Ion: 49 Resp: 98906  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 2.2   |
| 130 | 81.2  | 55.4  | 83.0  |

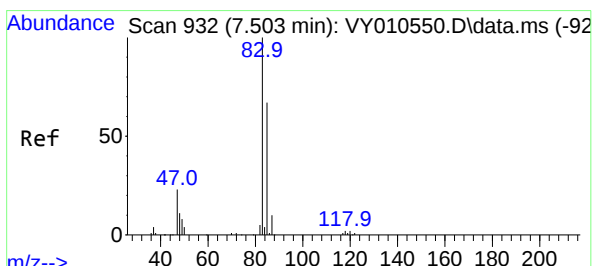
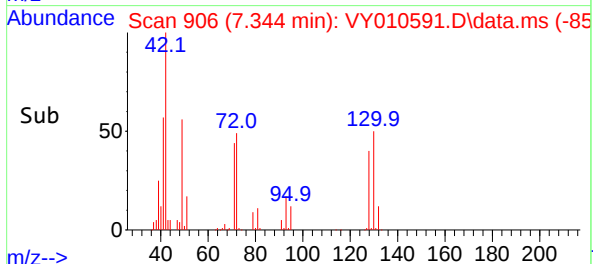
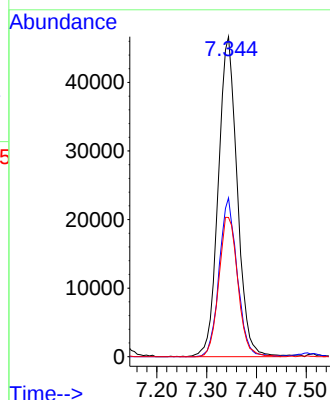
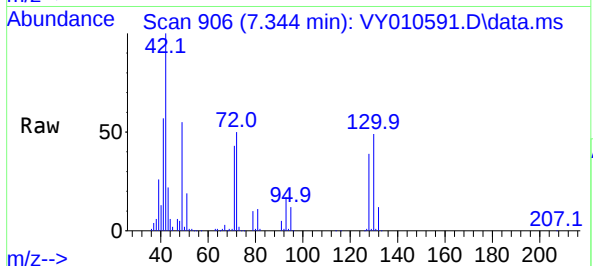




#29  
Tetrahydrofuran  
Concen: 267.338 ug/l  
RT: 7.344 min Scan# 905  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

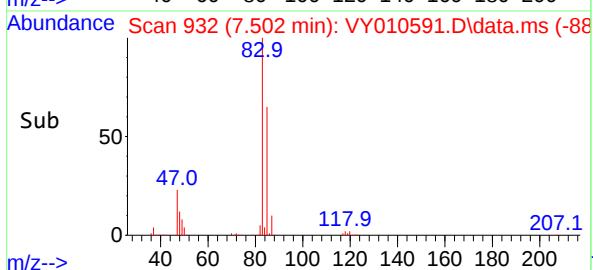
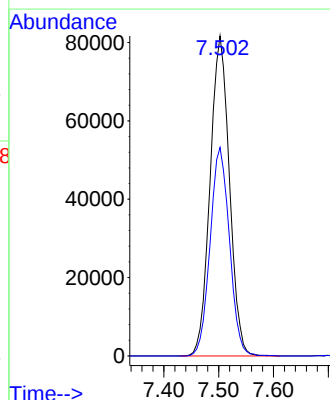
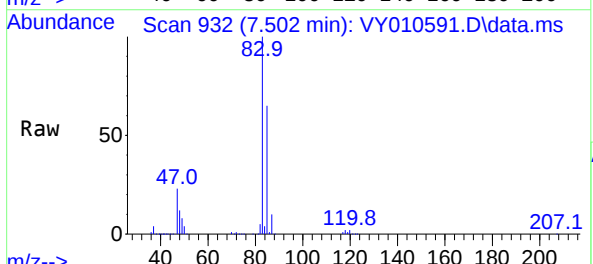
Instrument :  
MSVOA\_Y  
ClientSampleId :

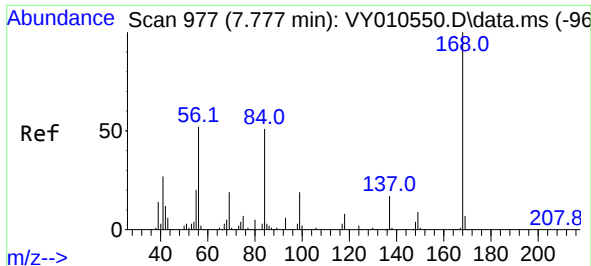
Tgt Ion: 42 Resp: 123155  
Ion Ratio Lower Upper  
42 100  
72 47.2 30.3 45.5#  
71 43.9 29.0 43.4#



#30  
Chloroform  
Concen: 49.710 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

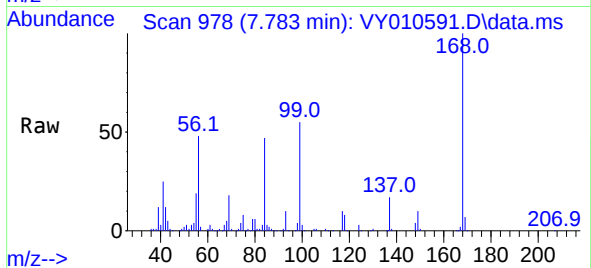
Tgt Ion: 83 Resp: 199413  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.8 77.6



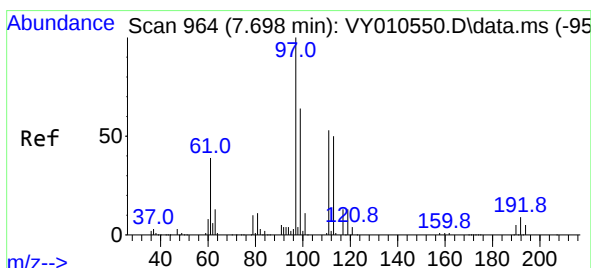
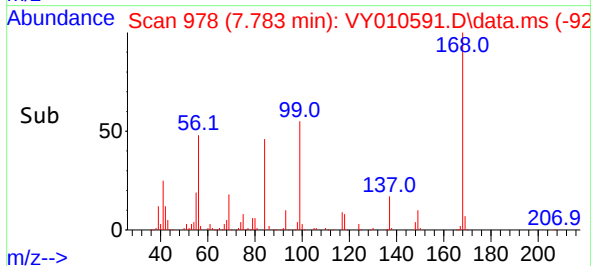
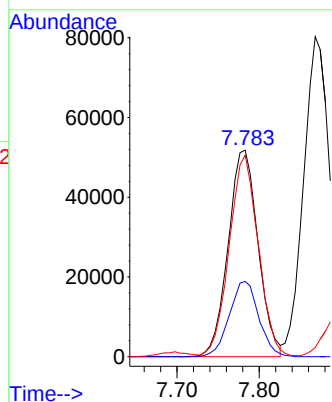


#31  
Cyclohexane  
Concen: 49.600 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

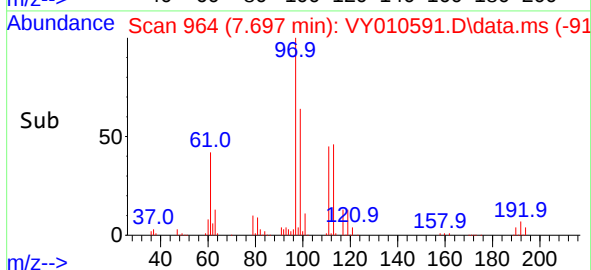
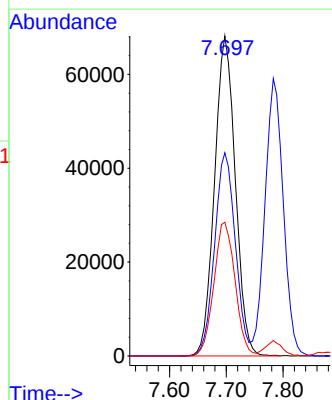
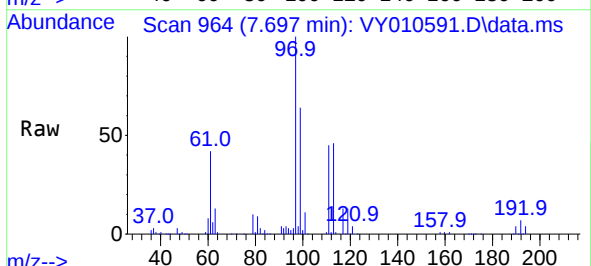


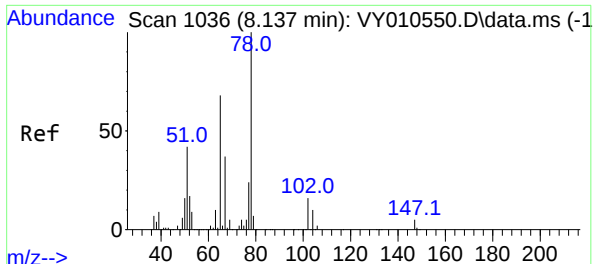
Tgt Ion: 56 Resp: 131086  
Ion Ratio Lower Upper  
56 100  
69 36.4 26.7 40.1  
84 95.8 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 48.580 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 97 Resp: 173444  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.7 76.1  
61 42.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.368 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

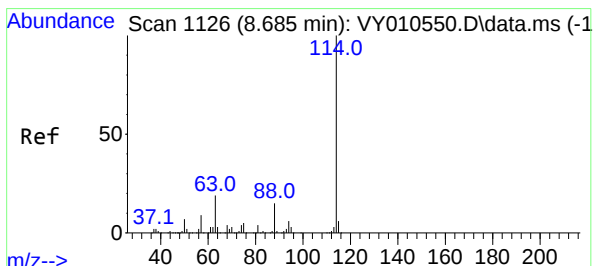
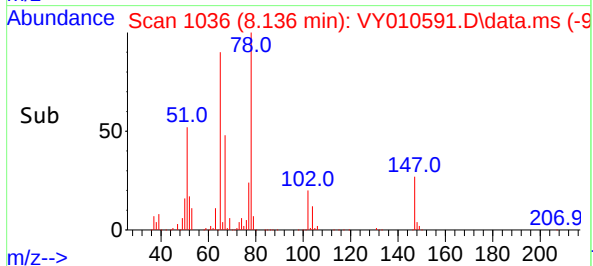
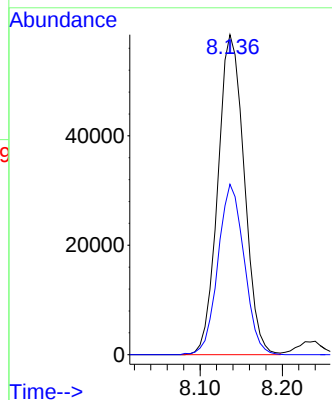
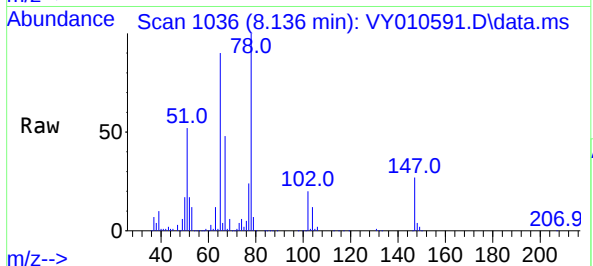
ClientSampleId :

Tgt Ion: 65 Resp: 130193

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

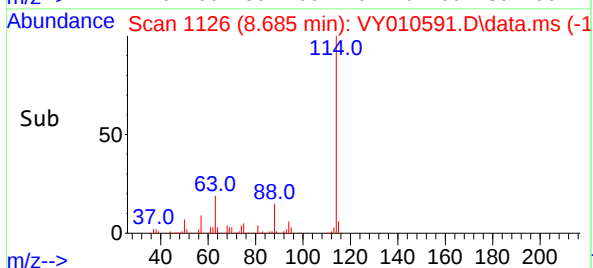
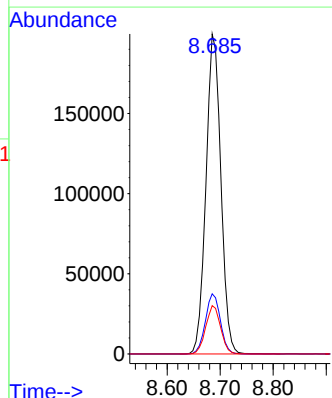
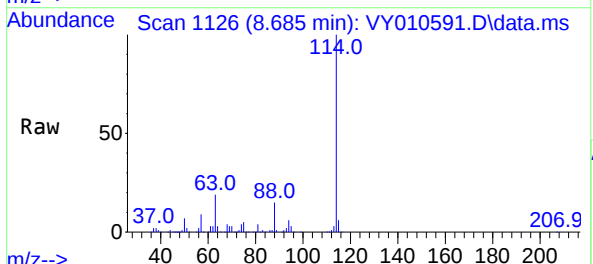
Tgt Ion: 114 Resp: 389075

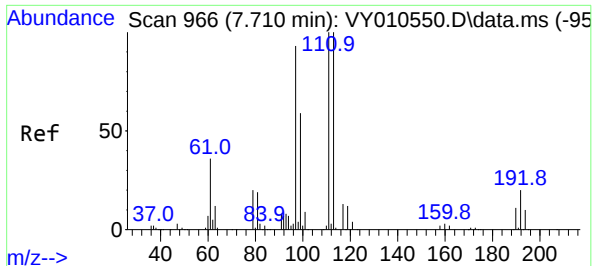
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

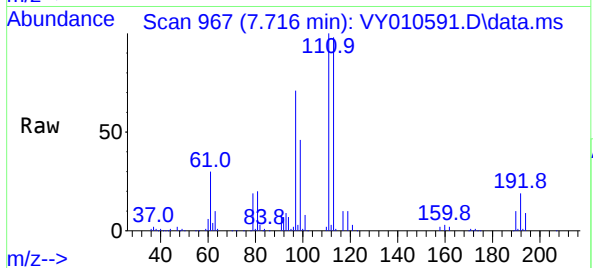
88 15.1 0.0 31.8



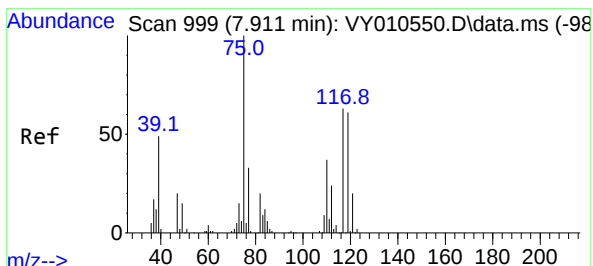
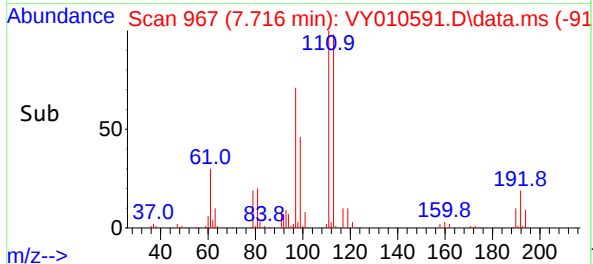
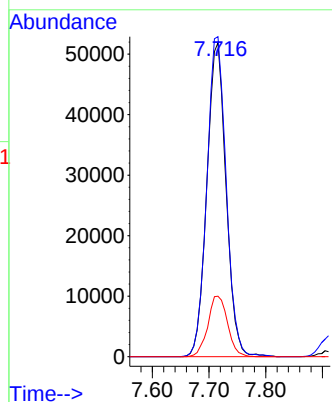


#35  
Dibromofluoromethane  
Concen: 49.120 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

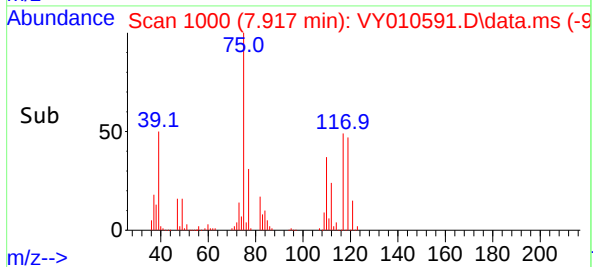
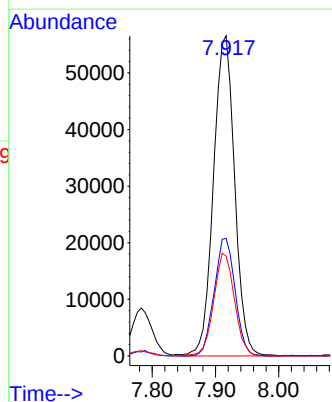
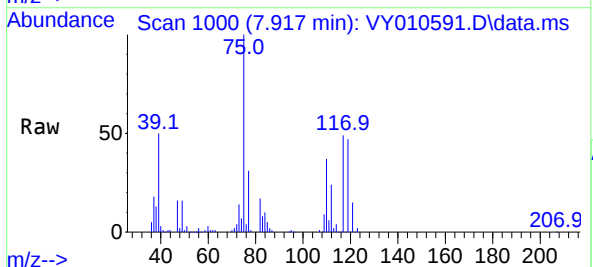


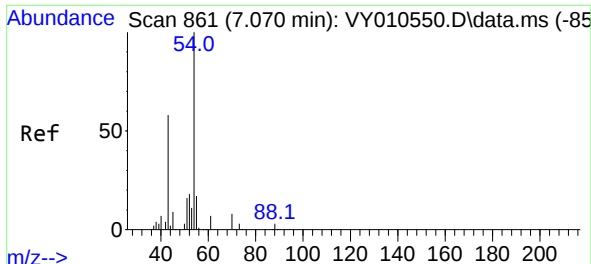
Tgt Ion:113 Resp: 121970  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.6 124.0  
192 19.8 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 47.558 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 75 Resp: 131579  
Ion Ratio Lower Upper  
75 100  
110 36.2 17.1 51.2  
77 31.4 24.4 36.6

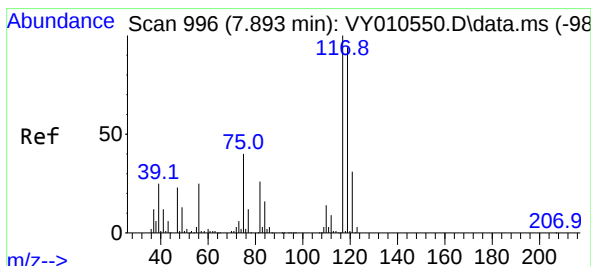
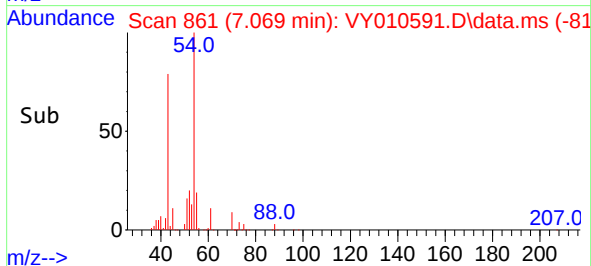
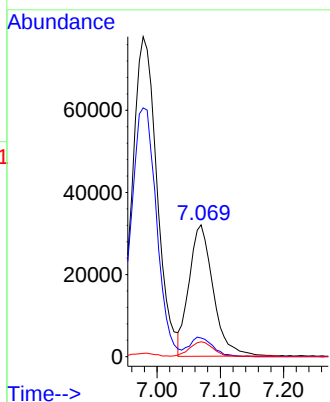
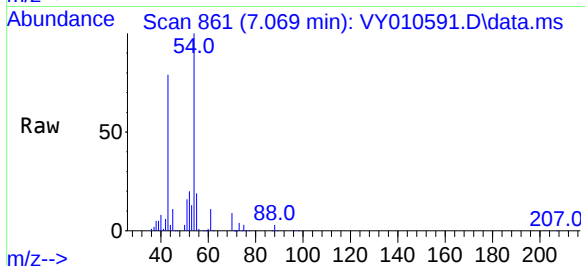




#37  
Ethyl Acetate  
Concen: 52.976 ug/l  
RT: 7.069 min Scan# 861  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

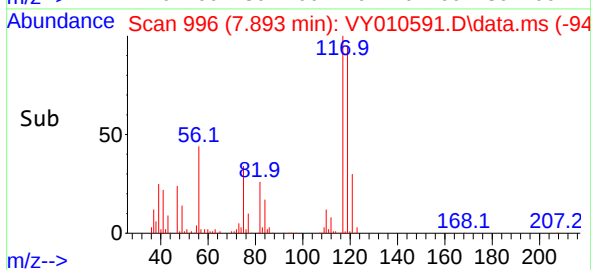
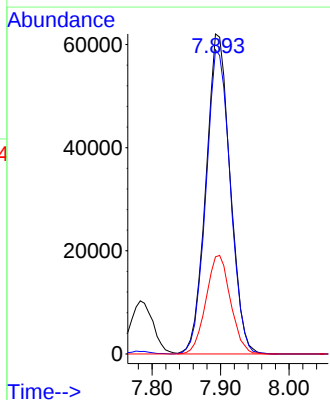
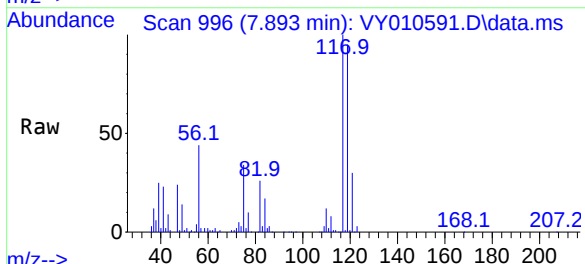
Instrument :  
MSVOA\_Y  
ClientSampleId :

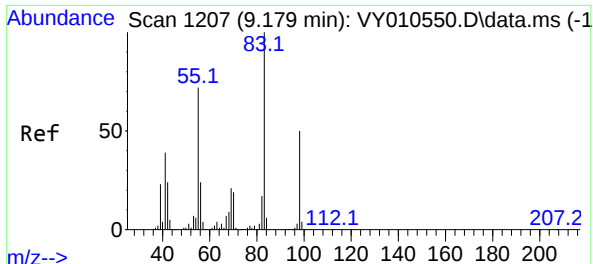
Tgt Ion: 43 Resp: 84658  
Ion Ratio Lower Upper  
43 100  
61 14.4 9.7 14.5  
70 11.4 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 47.918 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 117 Resp: 152435  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.9 116.9  
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 44.350 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

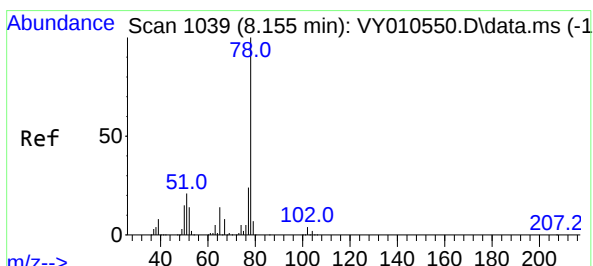
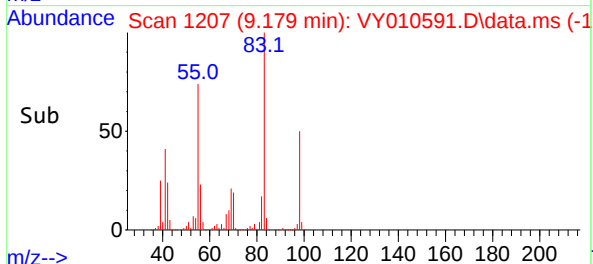
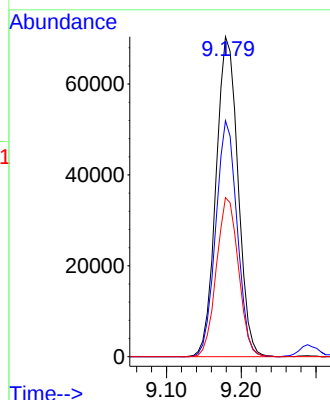
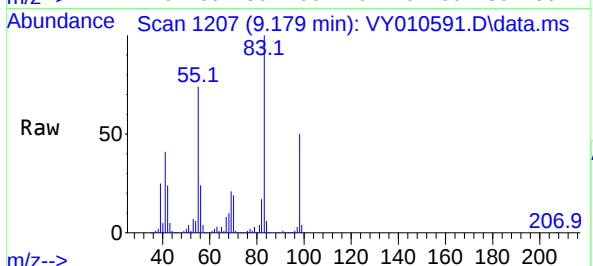
Tgt Ion: 83 Resp: 143615

Ion Ratio Lower Upper

83 100

55 73.8 66.5 99.7

98 49.7 37.9 56.9



#40

Benzene

Concen: 48.217 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010591.D

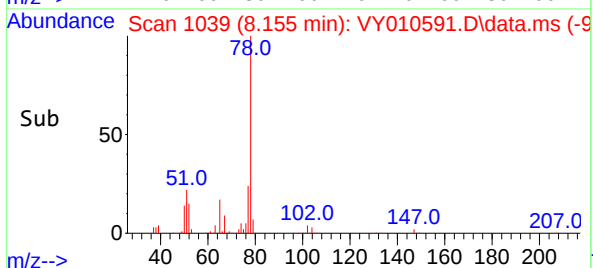
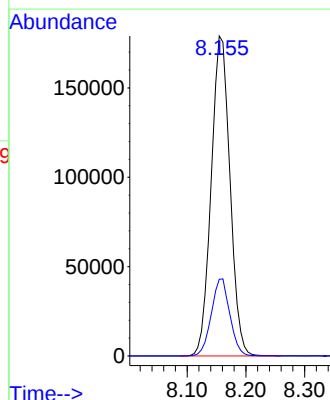
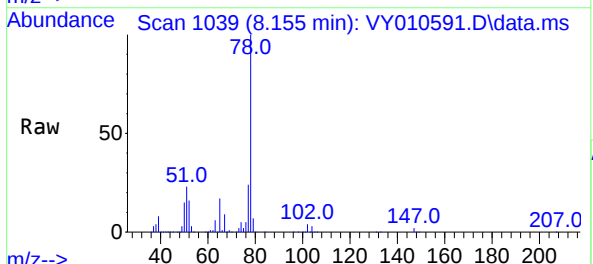
Acq: 21 Sep 2022 10:15

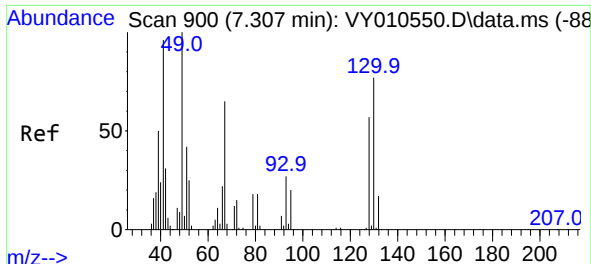
Tgt Ion: 78 Resp: 397686

Ion Ratio Lower Upper

78 100

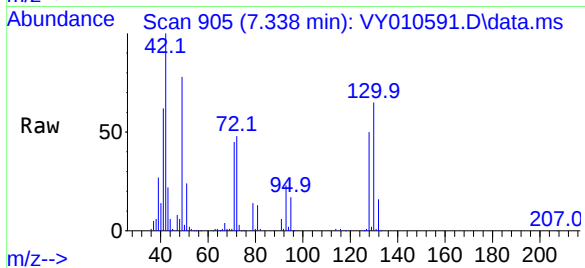
77 23.9 20.4 30.6



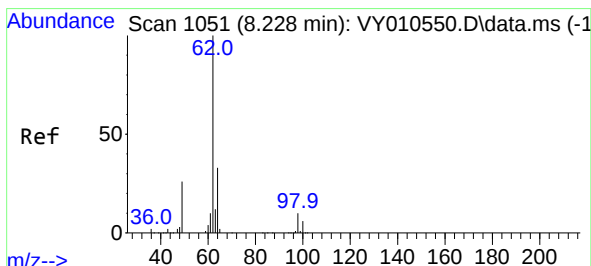
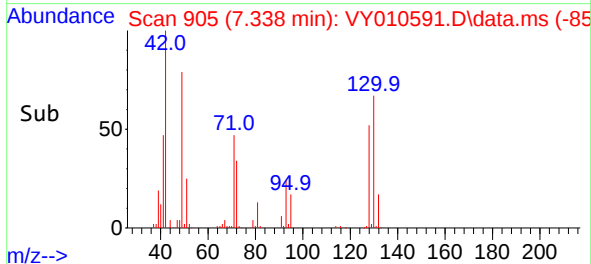
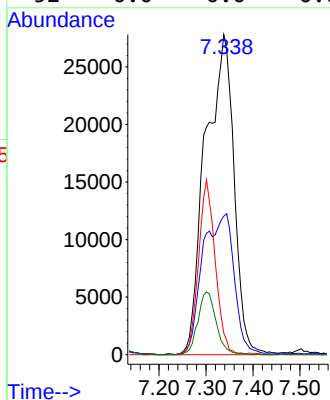


#41  
Methacrylonitrile  
Concen: 143.687 ug/l  
RT: 7.338 min Scan# 90  
Delta R.T. 0.031 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

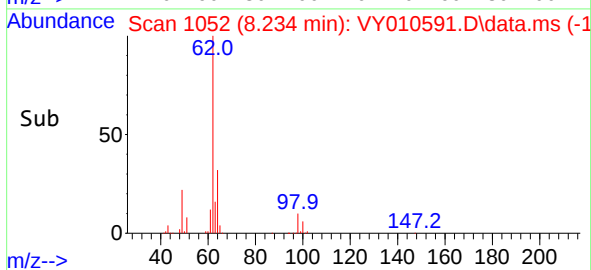
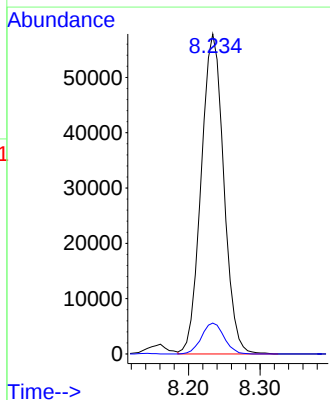
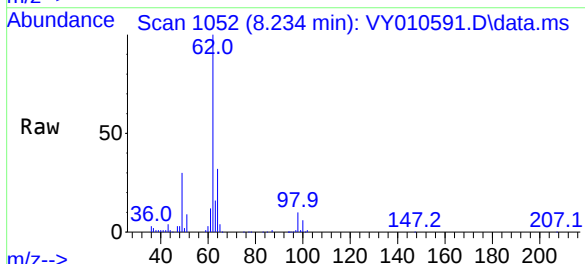


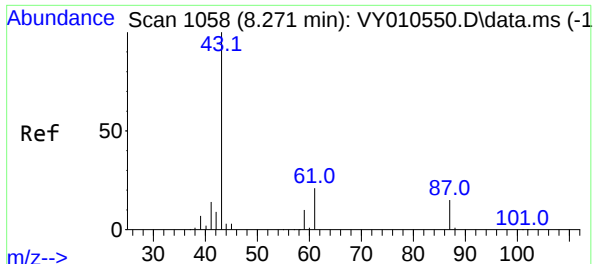
Tgt Ion: 41 Resp: 117117  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.945 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

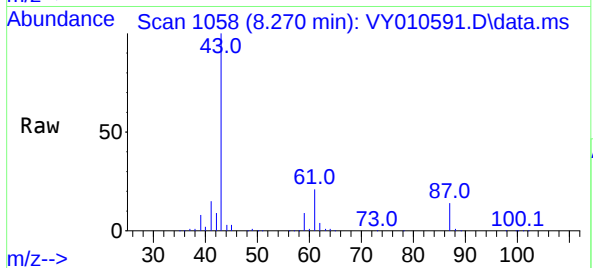
Tgt Ion: 62 Resp: 126850  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 14.8



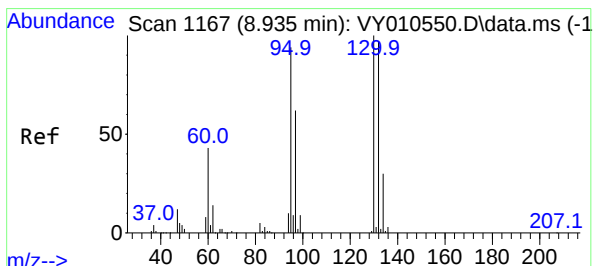
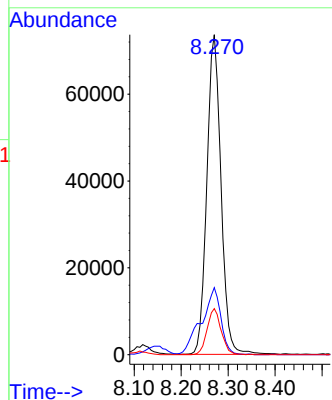
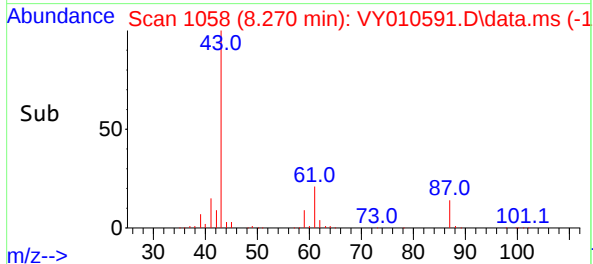


#43  
Isopropyl Acetate  
Concen: 52.466 ug/l  
RT: 8.270 min Scan# 1058  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

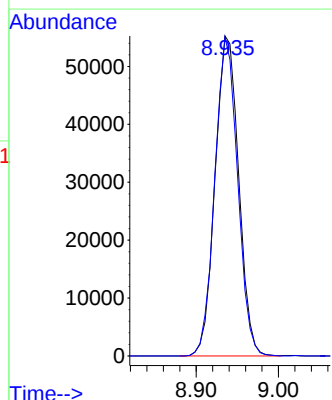
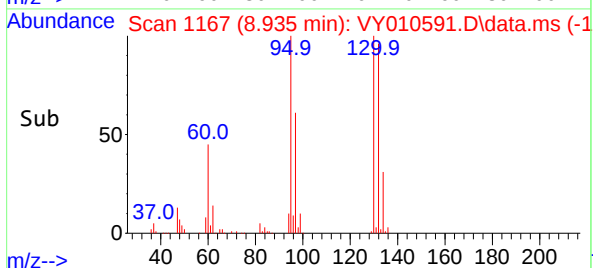
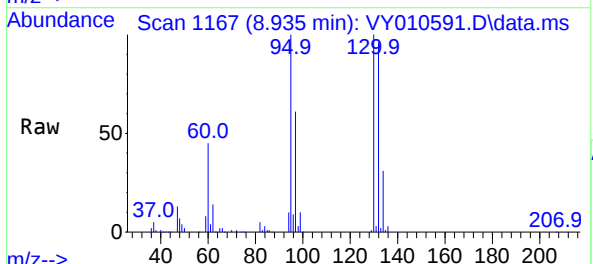


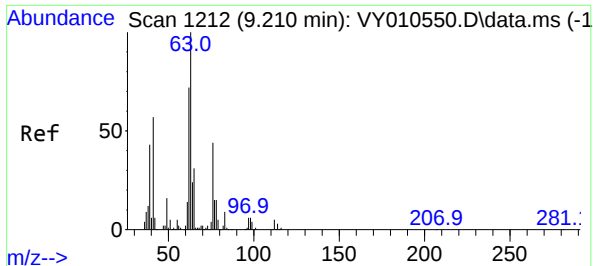
Tgt Ion: 43 Resp: 153687  
Ion Ratio Lower Upper  
43 100  
61 29.2 20.2 30.2  
87 14.3 8.9 13.3#



#44  
Trichloroethene  
Concen: 46.549 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:130 Resp: 109906  
Ion Ratio Lower Upper  
130 100  
95 99.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.539 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.005 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

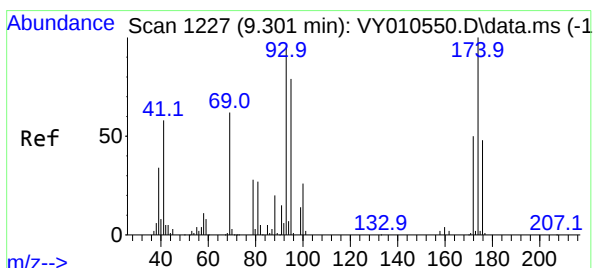
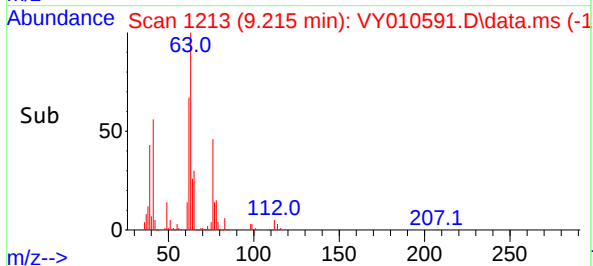
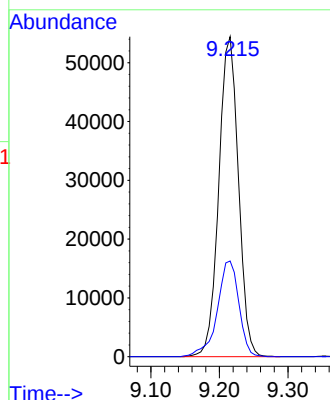
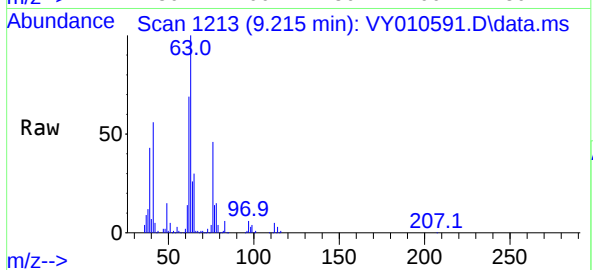
ClientSampleId :

Tgt Ion: 63 Resp: 107835

Ion Ratio Lower Upper

63 100

65 29.9 23.0 34.6



#46

Dibromomethane

Concen: 48.810 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

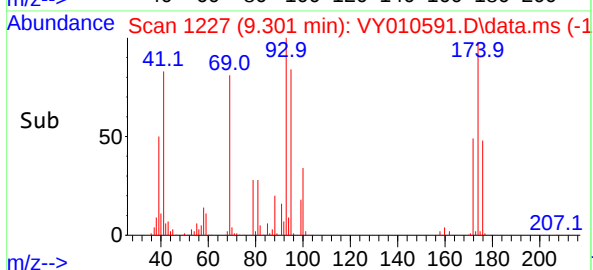
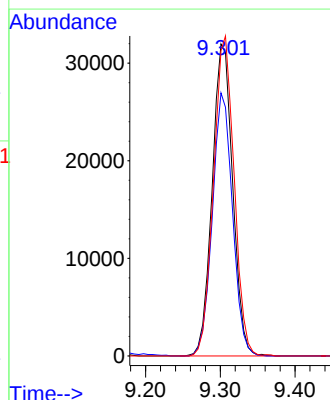
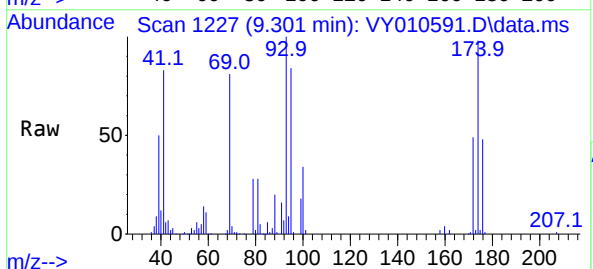
Tgt Ion: 93 Resp: 61159

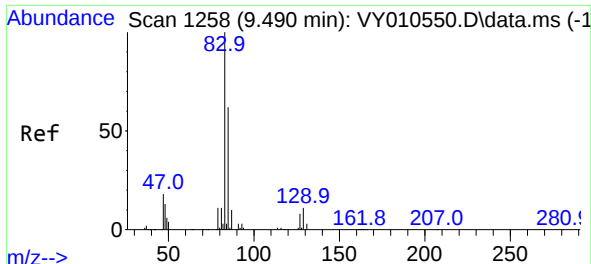
Ion Ratio Lower Upper

93 100

95 82.7 64.3 96.5

174 102.7 83.4 125.0

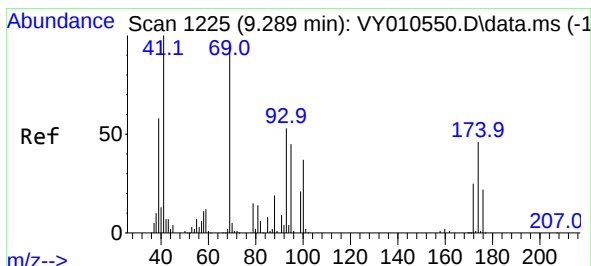
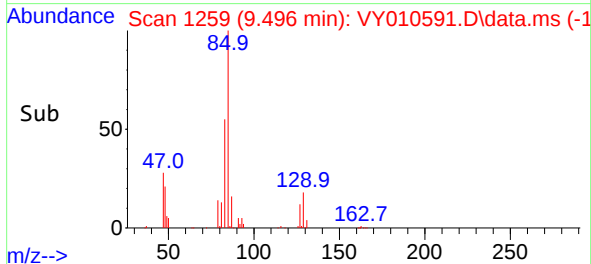
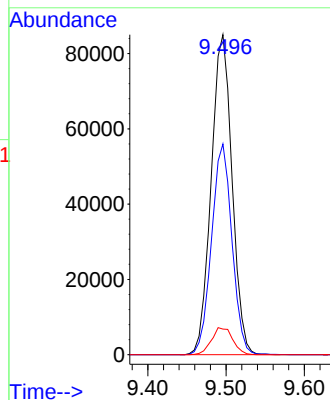
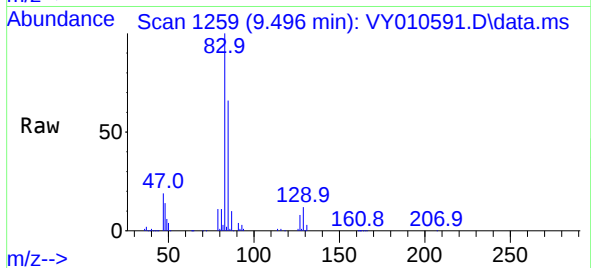




#47  
Bromodichloromethane  
Concen: 50.807 ug/l  
RT: 9.496 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

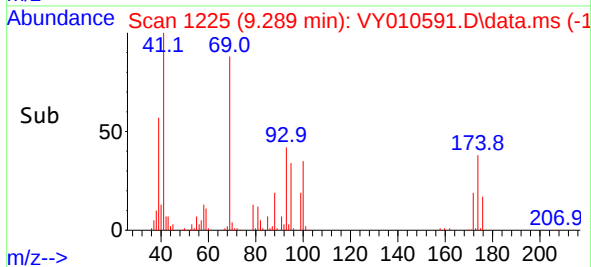
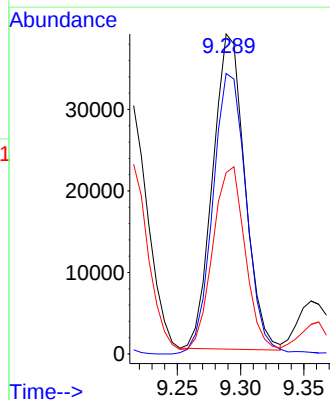
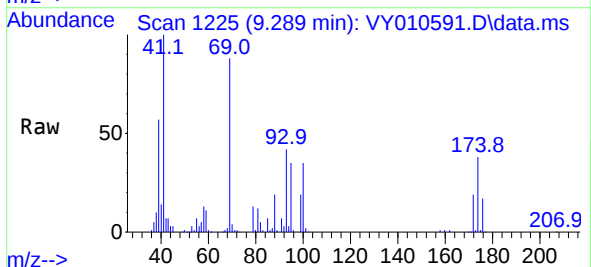
Instrument :  
MSVOA\_Y  
ClientSampleId :

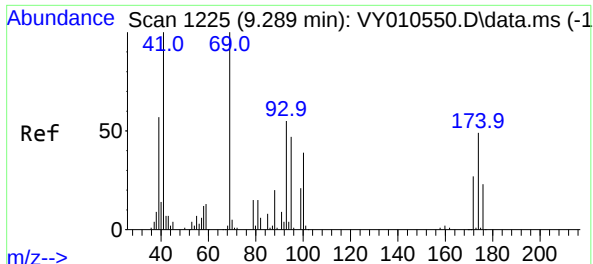
Tgt Ion: 83 Resp: 157191  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.9 77.9  
127 8.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 52.872 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 41 Resp: 68368  
Ion Ratio Lower Upper  
41 100  
69 93.2 58.2 87.2#  
39 61.1 47.4 71.0





#49

1,4-Dioxane

Concen: 990.322 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

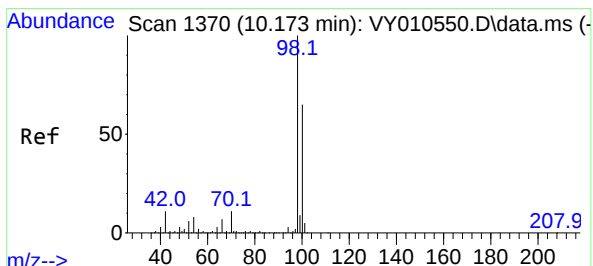
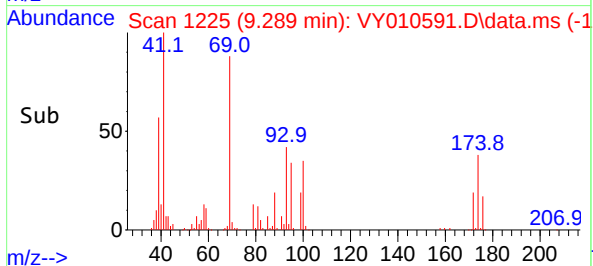
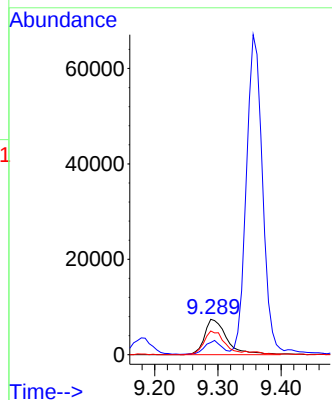
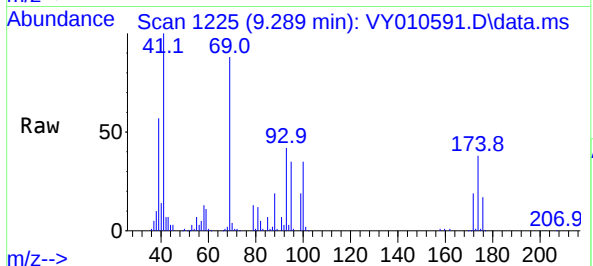
Tgt Ion: 88 Resp: 18247

Ion Ratio Lower Upper

88 100

43 29.7 32.8 49.2#

58 61.5 59.8 89.6



#50

Toluene-d8

Concen: 52.937 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010591.D

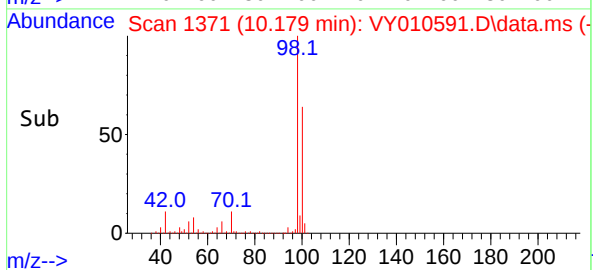
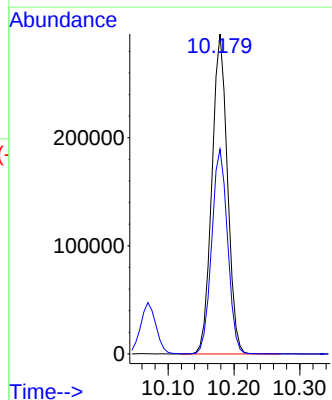
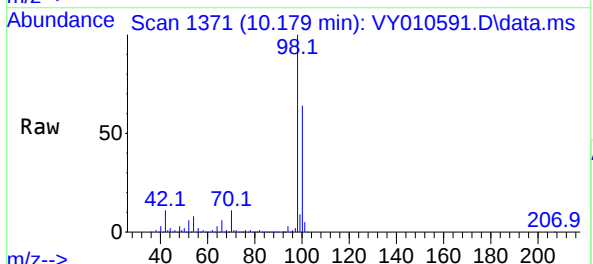
Acq: 21 Sep 2022 10:15

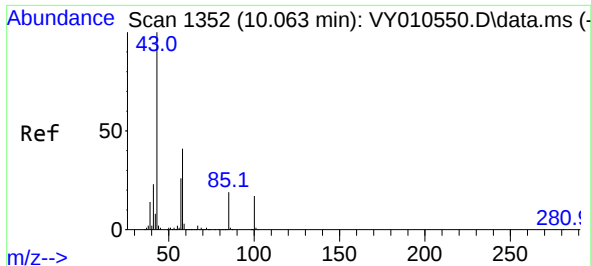
Tgt Ion: 98 Resp: 487595

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

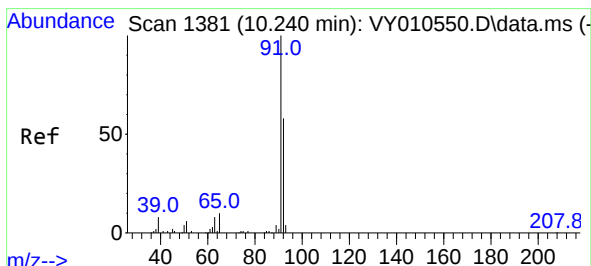
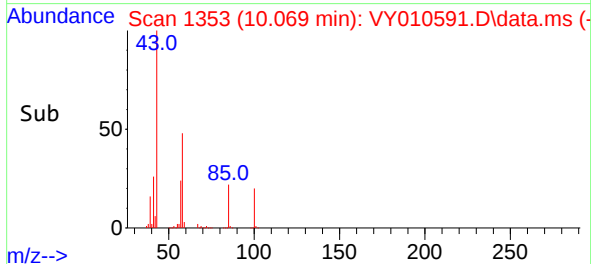
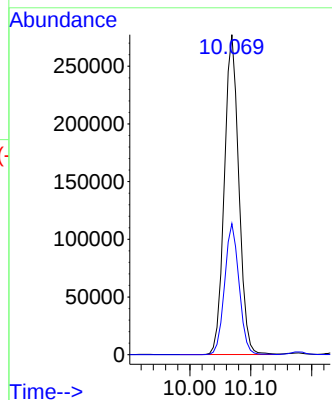
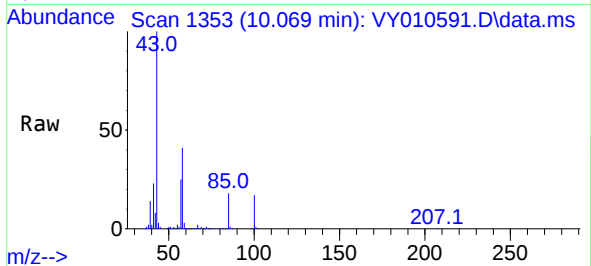




#51  
4-Methyl-2-Pentanone  
Concen: 277.023 ug/l  
RT: 10.069 min Scan# 1352  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

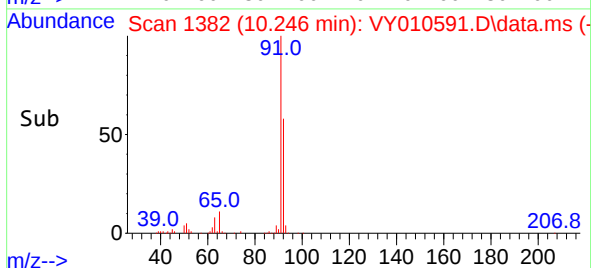
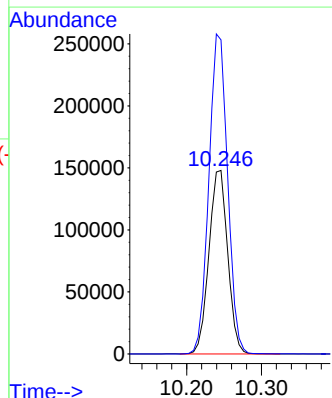
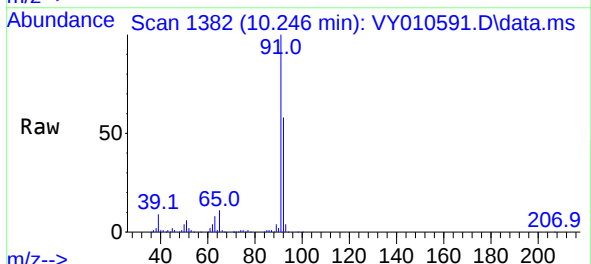
Instrument :  
MSVOA\_Y  
ClientSampleId :

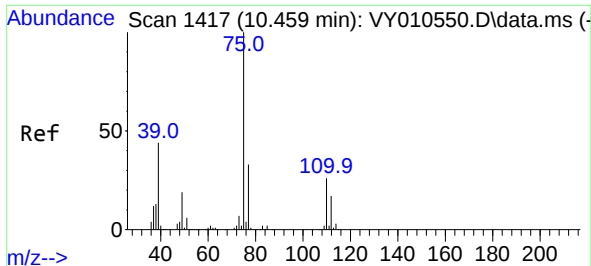
Tgt Ion: 43 Resp: 458141  
Ion Ratio Lower Upper  
43 100  
58 40.8 28.1 42.1



#52  
Toluene  
Concen: 47.817 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 92 Resp: 258052  
Ion Ratio Lower Upper  
92 100  
91 173.7 142.6 213.8

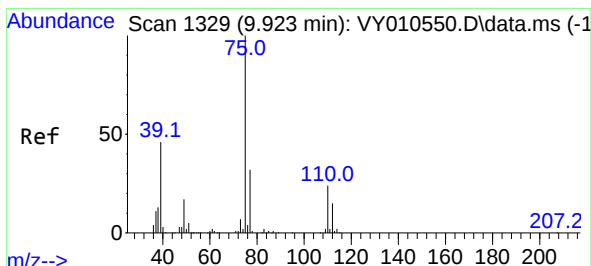
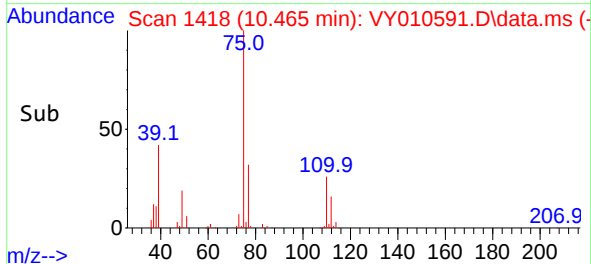
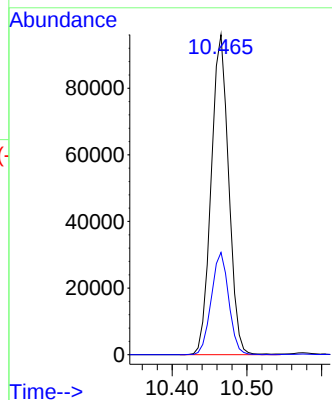
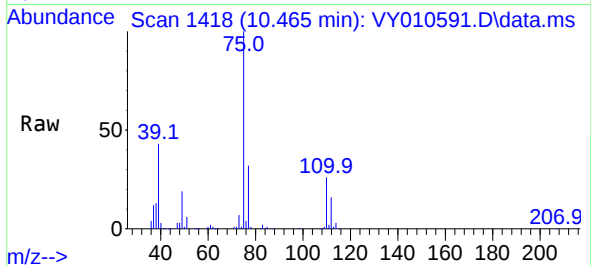




#53  
t-1,3-Dichloropropene  
Concen: 49.906 ug/l  
RT: 10.465 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

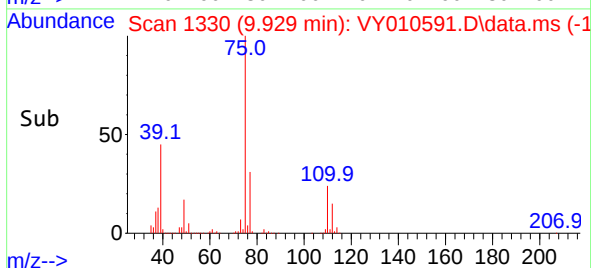
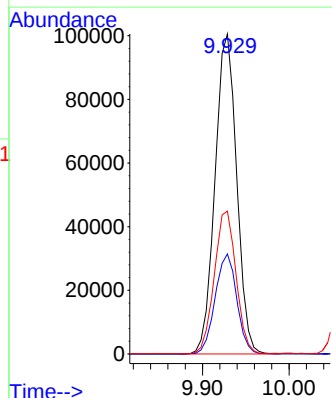
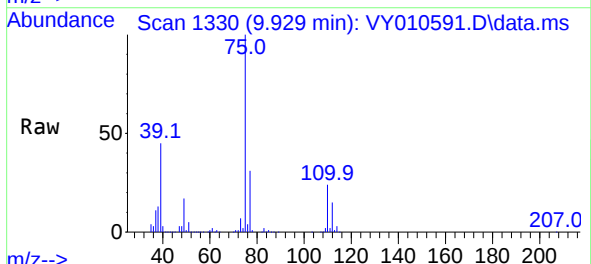
Instrument :  
MSVOA\_Y  
ClientSampleId :

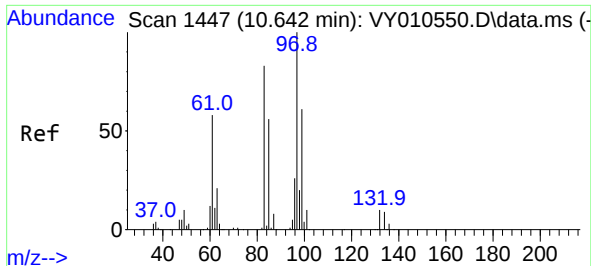
Tgt Ion: 75 Resp: 156122  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 50.029 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

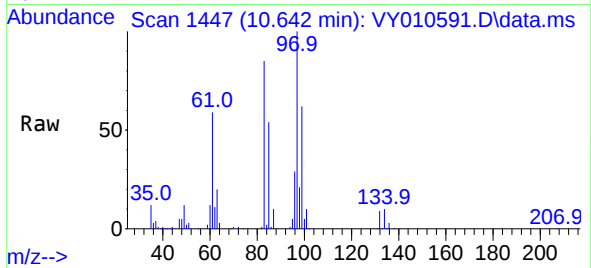
Tgt Ion: 75 Resp: 174493  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.6 38.4  
39 44.5 47.6 71.4#





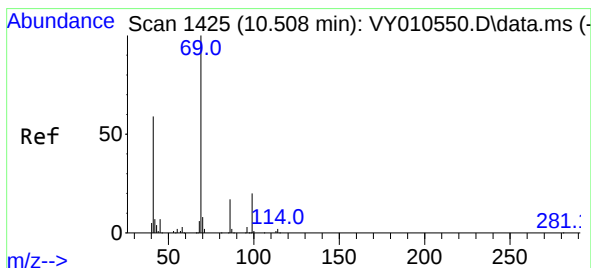
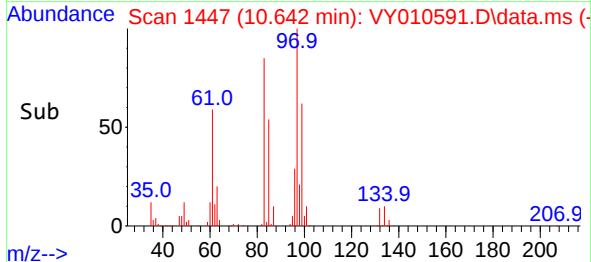
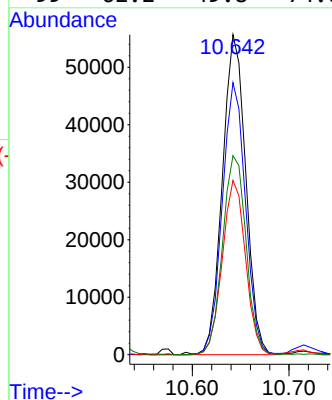
#55  
1,1,2-Trichloroethane  
Concen: 50.866 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 93748

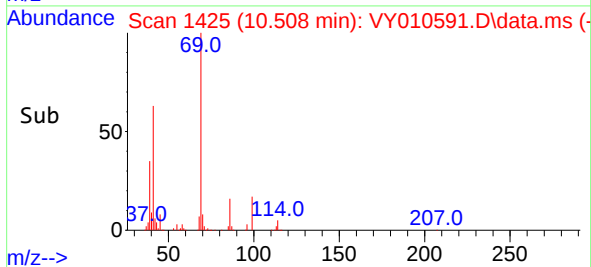
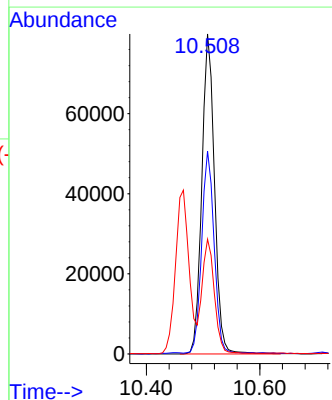
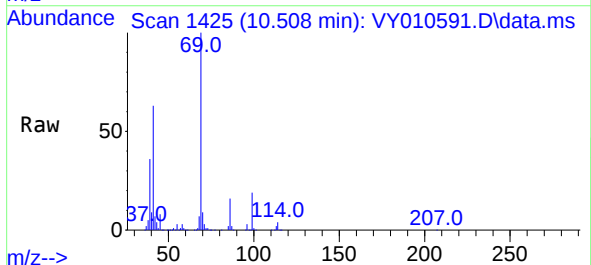
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.0  | 69.8  | 104.8 |
| 85  | 54.5  | 44.3  | 66.5  |
| 99  | 62.2  | 49.8  | 74.6  |

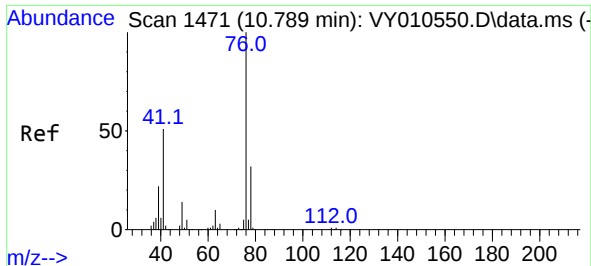


#56  
Ethyl methacrylate  
Concen: 51.814 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 69 Resp: 123713

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.9  | 63.4  | 95.0# |
| 39  | 33.9  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 50.645 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

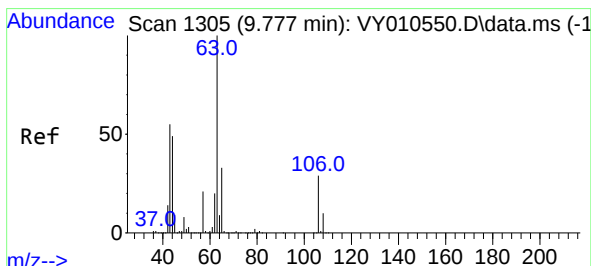
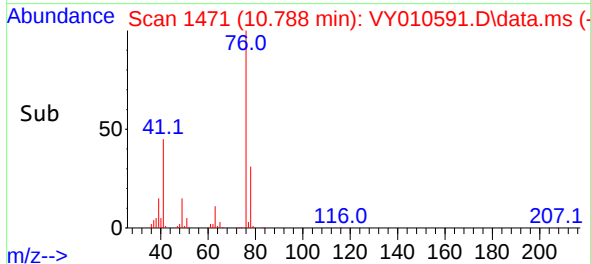
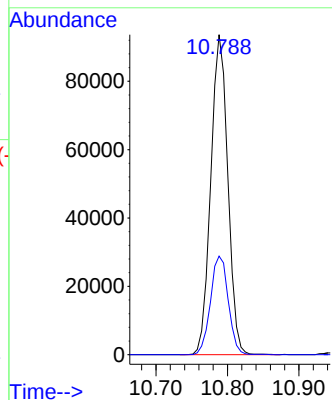
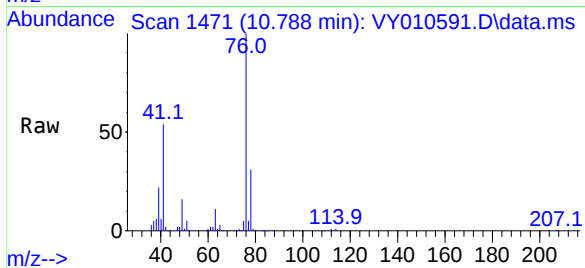
ClientSampleId :

Tgt Ion: 76 Resp: 154616

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.254 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.005 min

Lab File: VY010591.D

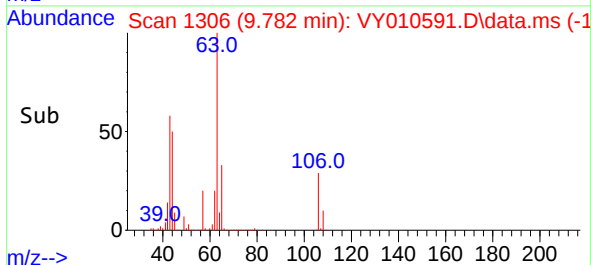
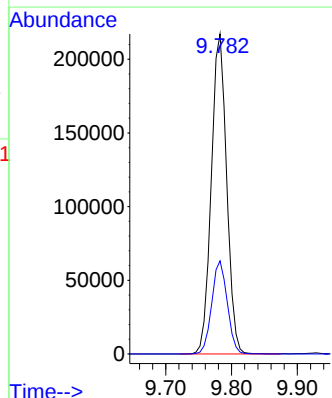
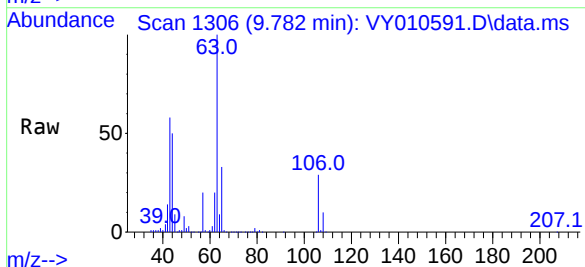
Acq: 21 Sep 2022 10:15

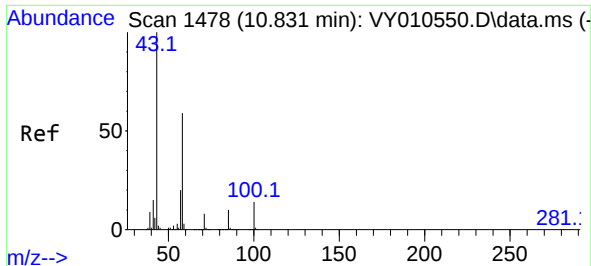
Tgt Ion: 63 Resp: 353012

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

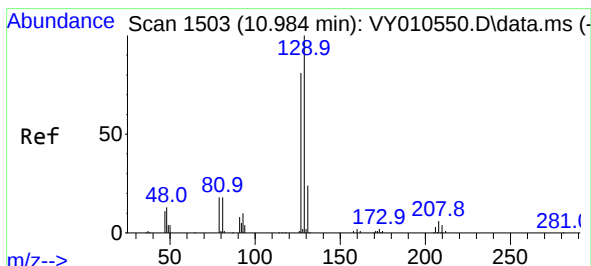
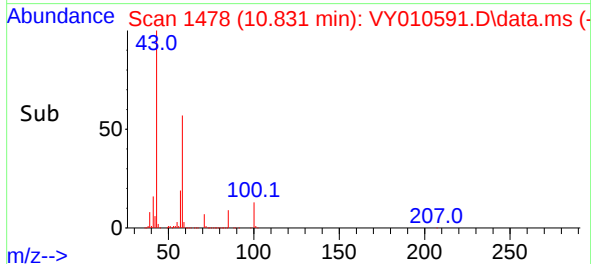
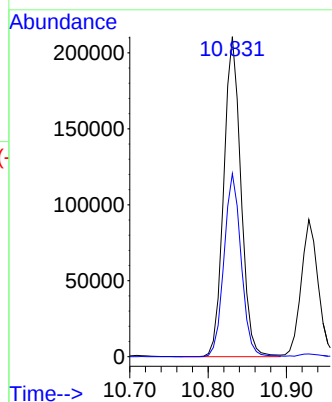
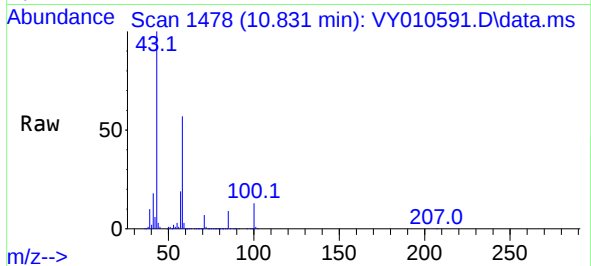




#59  
2-Hexanone  
Concen: 286.932 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

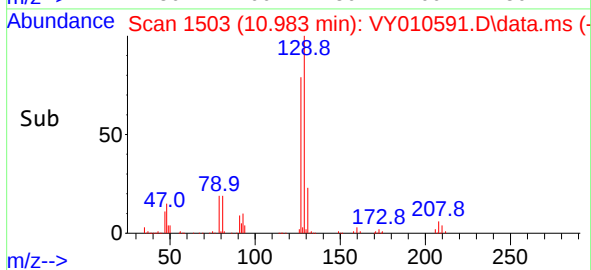
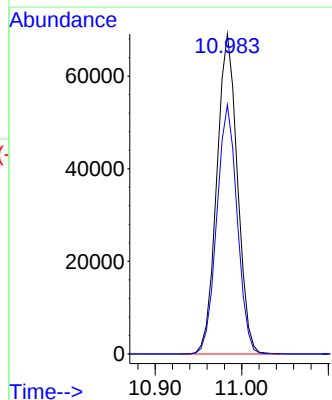
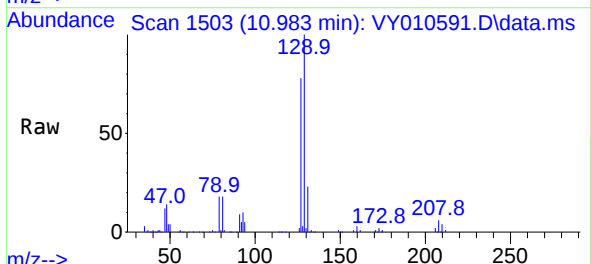
Instrument :  
MSVOA\_Y  
ClientSampleId :

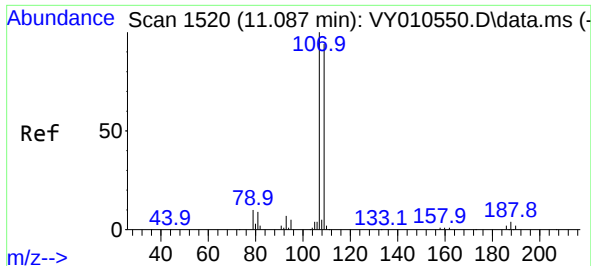
Tgt Ion: 43 Resp: 321636  
Ion Ratio Lower Upper  
43 100  
58 57.0 24.4 73.4



#60  
Dibromochloromethane  
Concen: 50.696 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:129 Resp: 114343  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.7 116.1

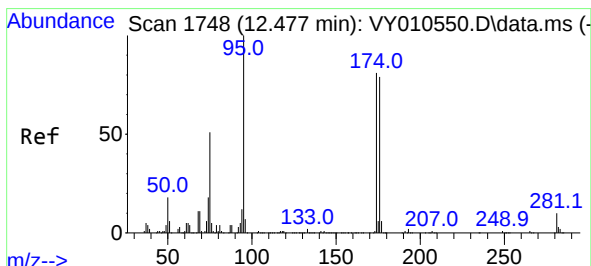
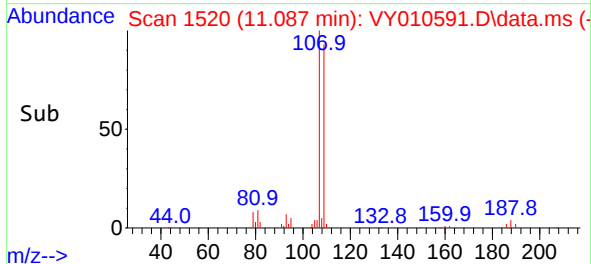
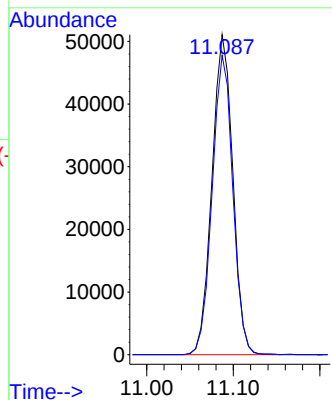
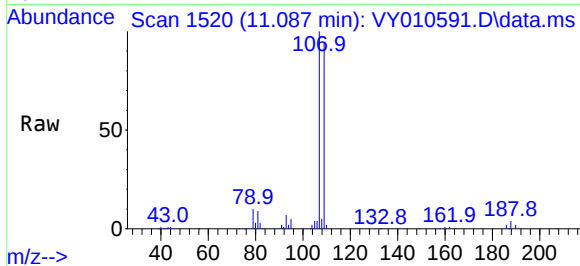




#61  
1,2-Dibromoethane  
Concen: 49.380 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

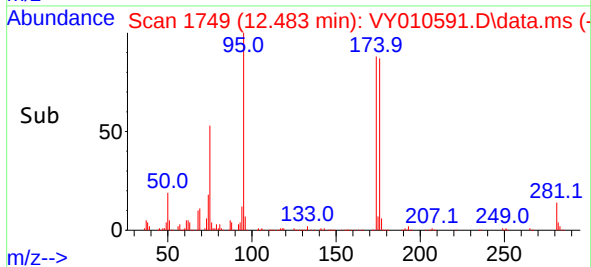
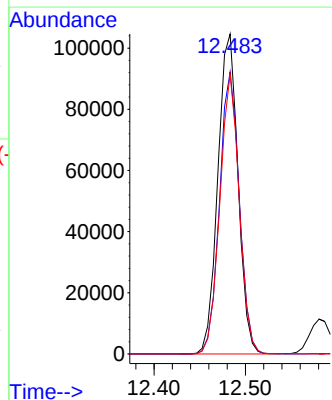
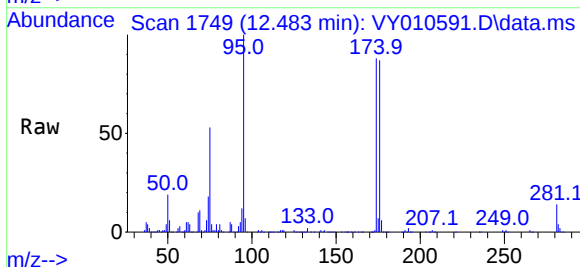
Instrument :  
MSVOA\_Y  
ClientSampleId :

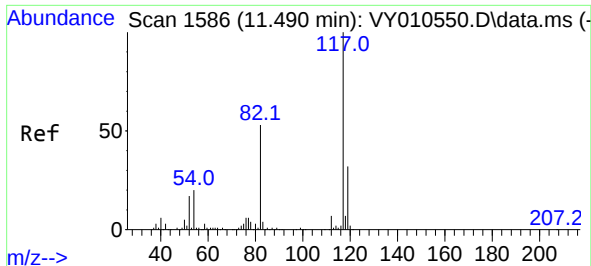
Tgt Ion:107 Resp: 85203  
Ion Ratio Lower Upper  
107 100  
109 92.8 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 46.934 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

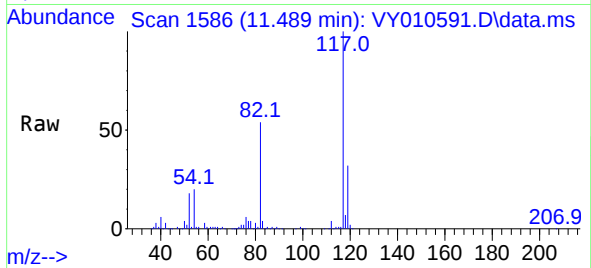
Tgt Ion: 95 Resp: 160413  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 177.0  
176 84.0 0.0 175.8



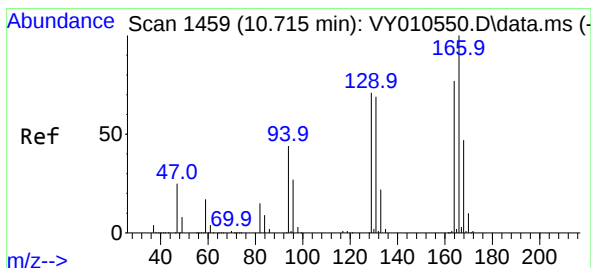
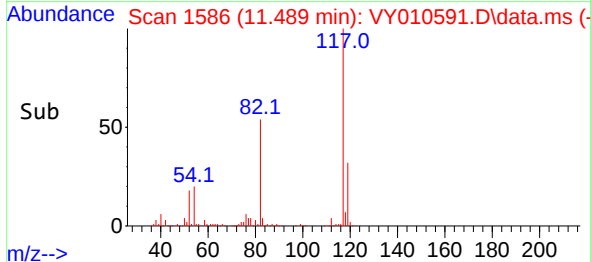
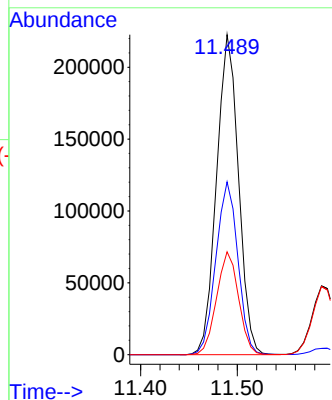


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

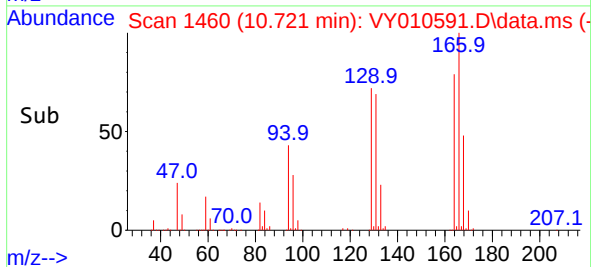
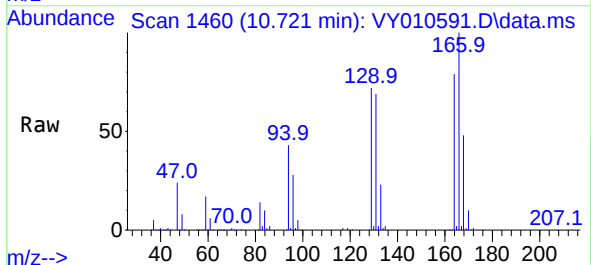
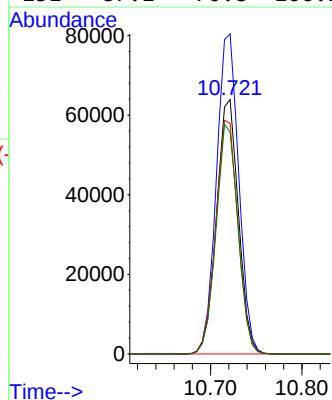


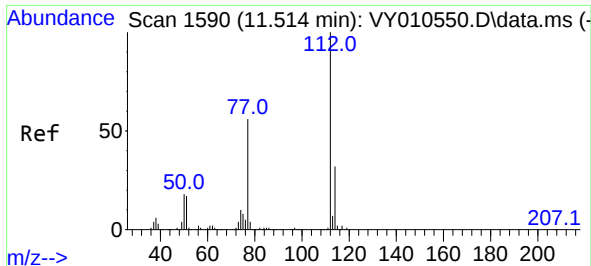
Tgt Ion:117 Resp: 350643  
Ion Ratio Lower Upper  
117 100  
82 54.0 43.0 64.4  
119 32.2 25.4 38.0



#64  
Tetrachloroethene  
Concen: 45.517 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:164 Resp: 106616  
Ion Ratio Lower Upper  
164 100  
166 125.8 100.4 150.6  
129 90.7 71.4 107.0  
131 87.1 70.8 106.2

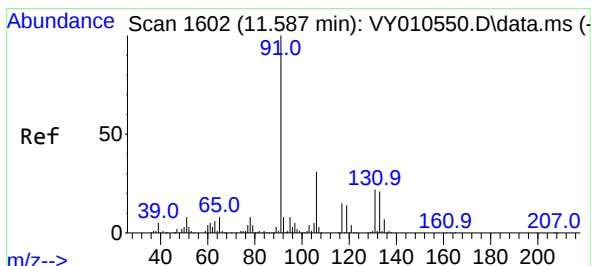
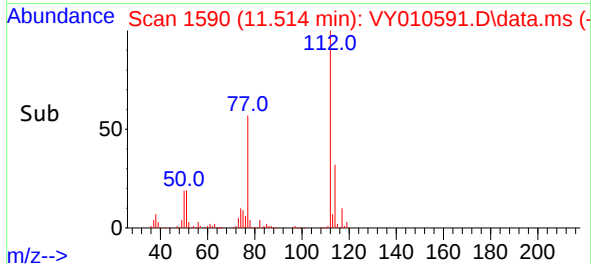
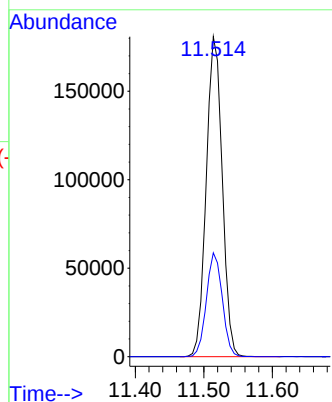
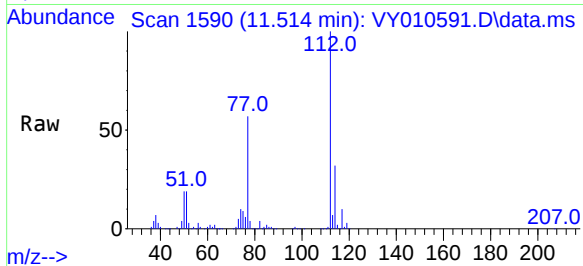




#65  
Chlorobenzene  
Concen: 48.524 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

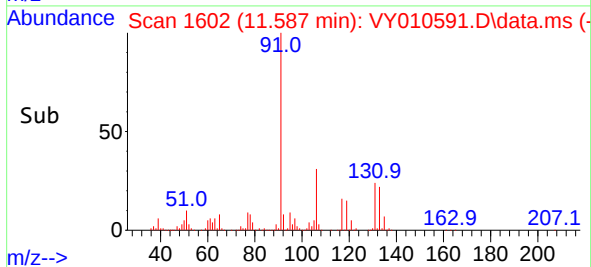
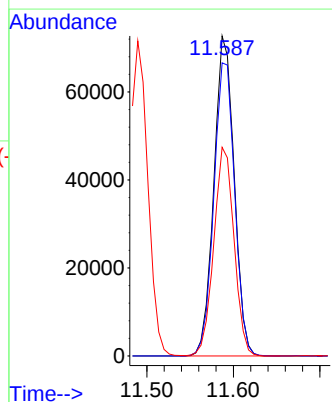
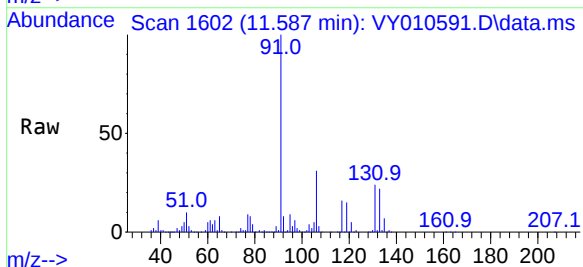
Instrument :  
MSVOA\_Y  
ClientSampleId :

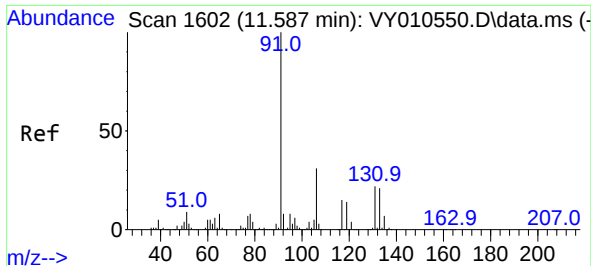
Tgt Ion:112 Resp: 294213  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.018 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:131 Resp: 118152  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.9 143.6  
119 65.3 30.8 92.3





#67

Ethyl Benzene

Concen: 48.955 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

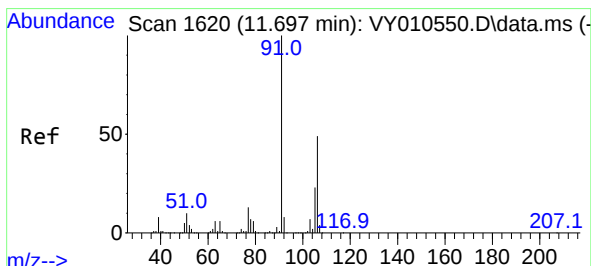
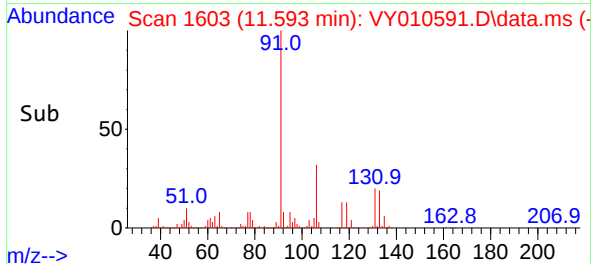
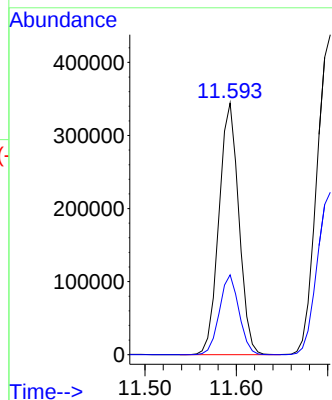
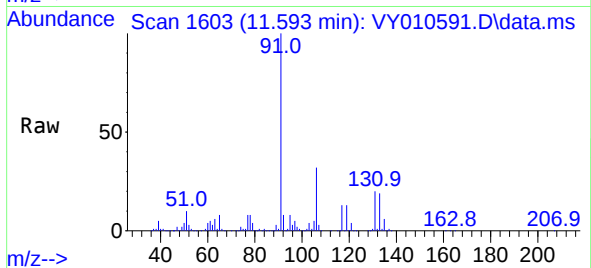
ClientSampleId :

Tgt Ion: 91 Resp: 521233

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 97.710 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010591.D

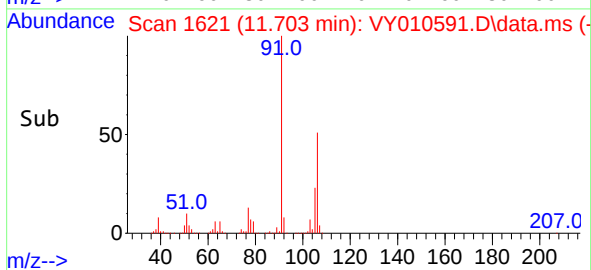
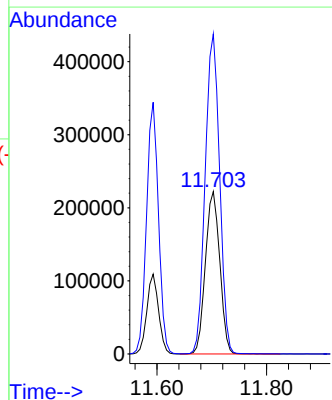
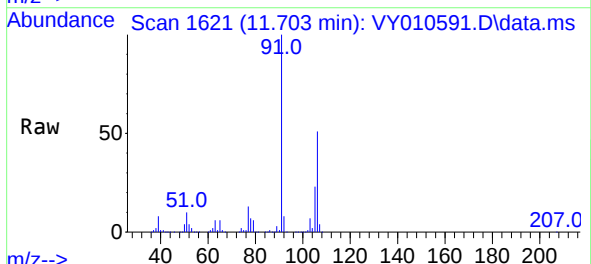
Acq: 21 Sep 2022 10:15

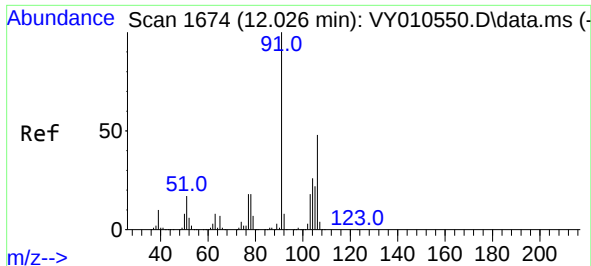
Tgt Ion:106 Resp: 403018

Ion Ratio Lower Upper

106 100

91 197.6 166.6 249.8

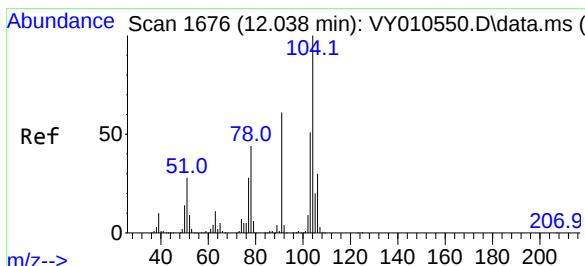
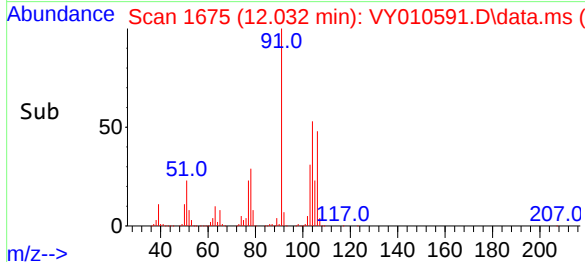
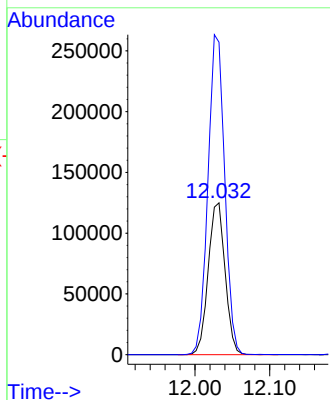
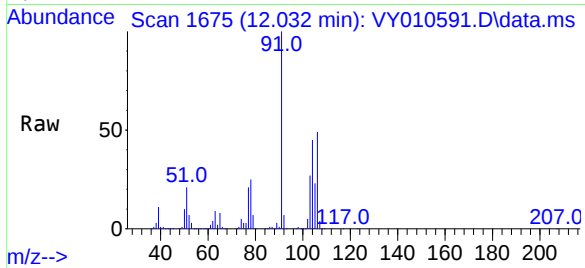




#69  
o-Xylene  
Concen: 48.885 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

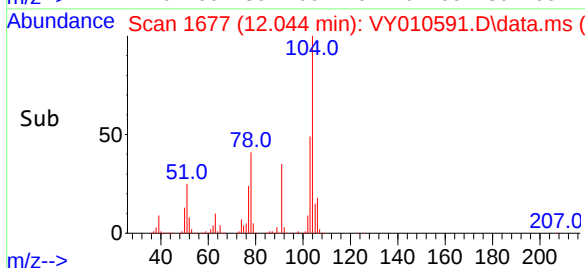
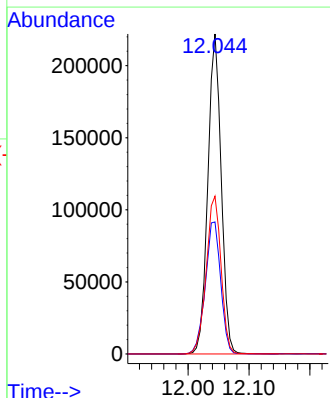
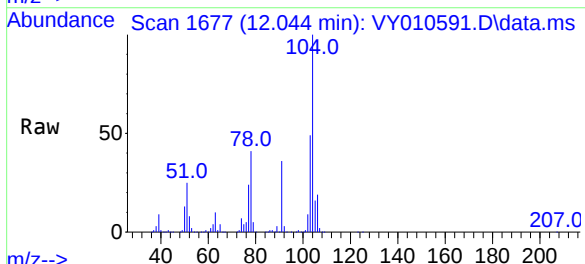
Instrument :  
MSVOA\_Y  
ClientSampleId :

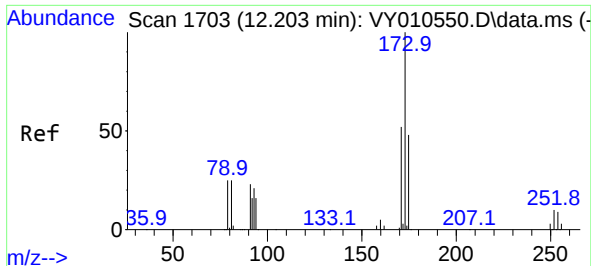
Tgt Ion:106 Resp: 196584  
Ion Ratio Lower Upper  
106 100  
91 208.9 110.3 331.0



#70  
Styrene  
Concen: 49.645 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:104 Resp: 339145  
Ion Ratio Lower Upper  
104 100  
78 47.5 42.4 63.6  
103 54.7 44.4 66.6

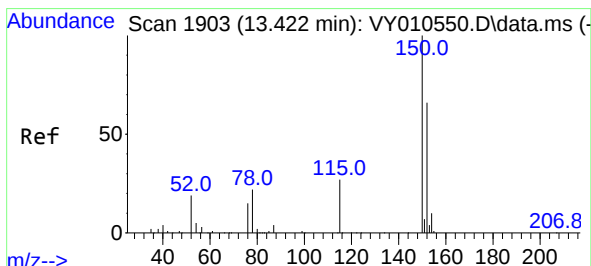
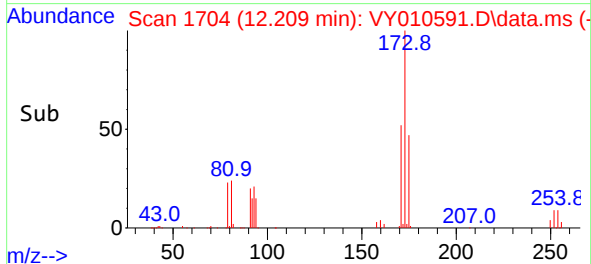
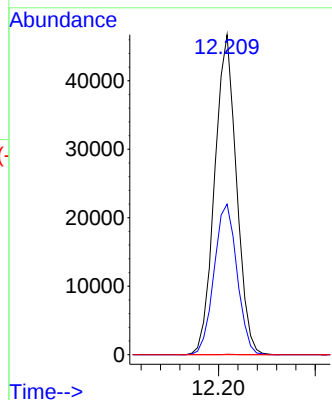
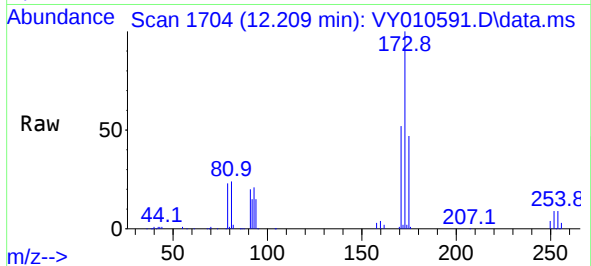




#71  
Bromoform  
Concen: 49.849 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

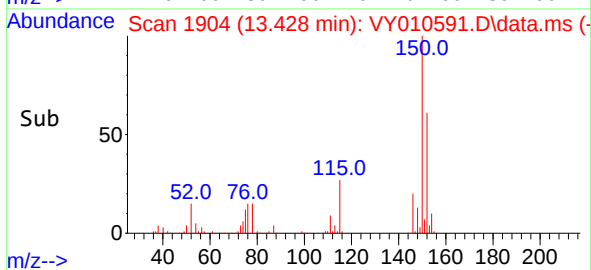
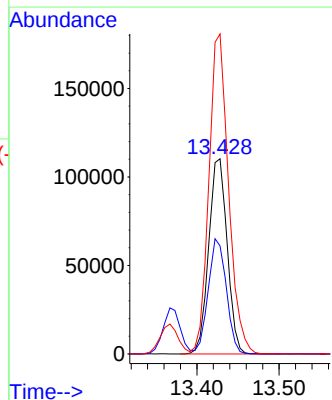
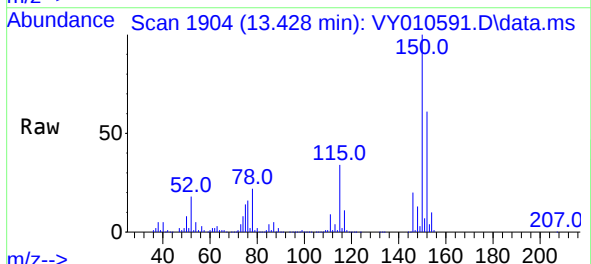
Instrument :  
MSVOA\_Y  
ClientSampleId :

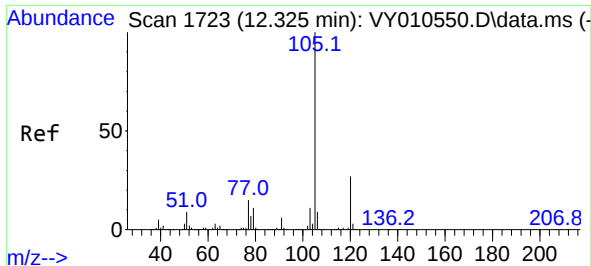
Tgt Ion:173 Resp: 73119  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:152 Resp: 172320  
Ion Ratio Lower Upper  
152 100  
115 57.6 28.2 84.7  
150 174.3 0.0 347.6

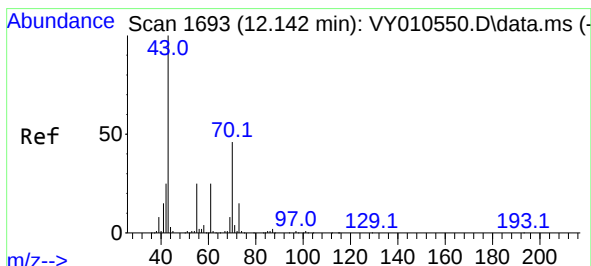
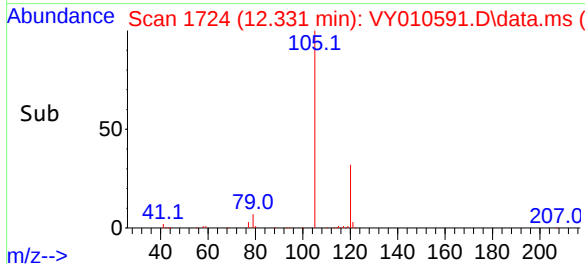
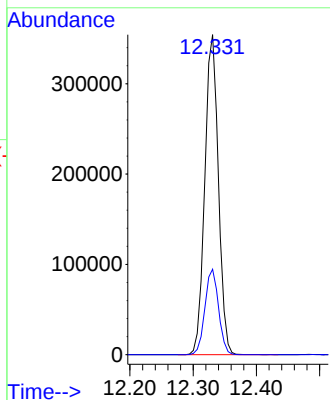
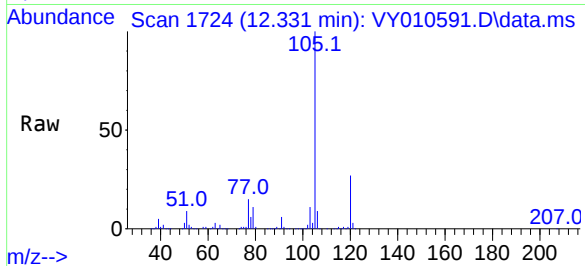




#73  
Isopropylbenzene  
Concen: 49.716 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

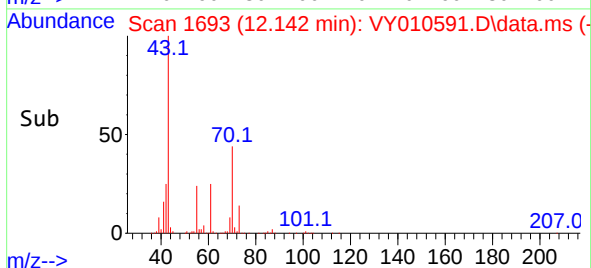
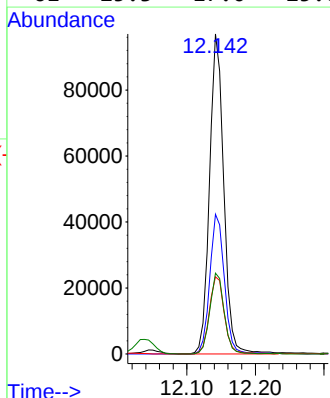
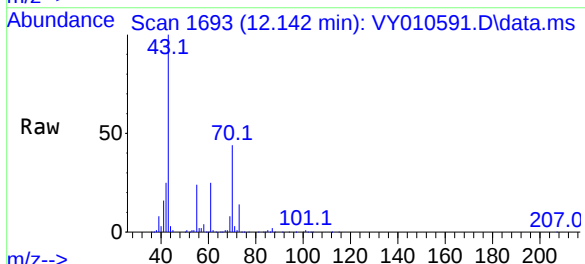
Instrument :  
MSVOA\_Y  
ClientSampleId :

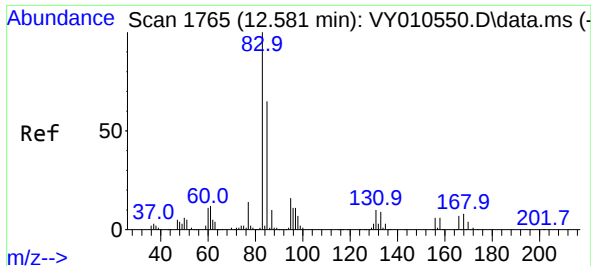
Tgt Ion:105 Resp: 529459  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 54.442 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 43 Resp: 140598  
Ion Ratio Lower Upper  
43 100  
70 45.0 28.7 43.1#  
55 25.5 17.3 25.9  
61 25.3 17.0 25.6

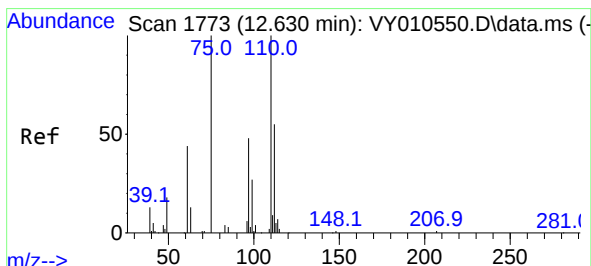
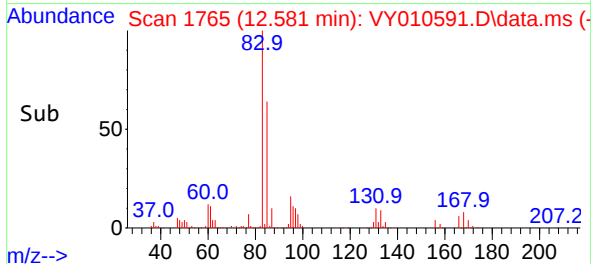
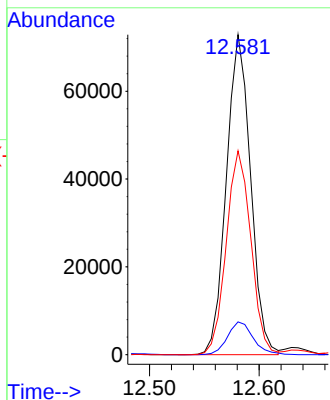
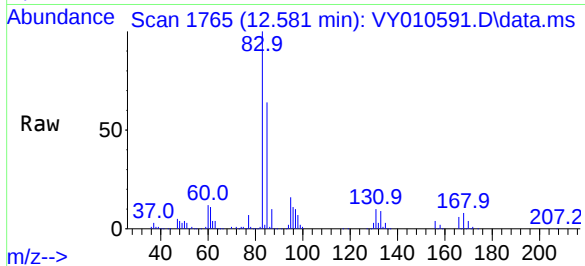




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.551 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

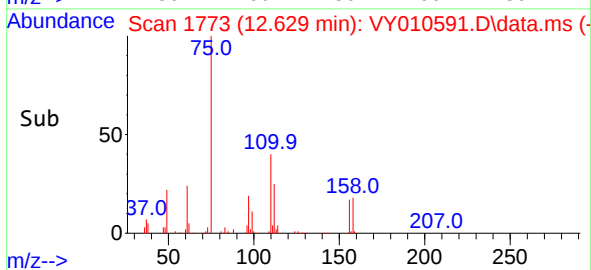
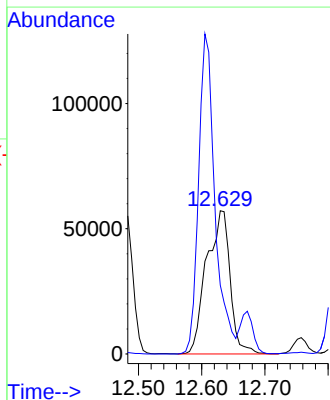
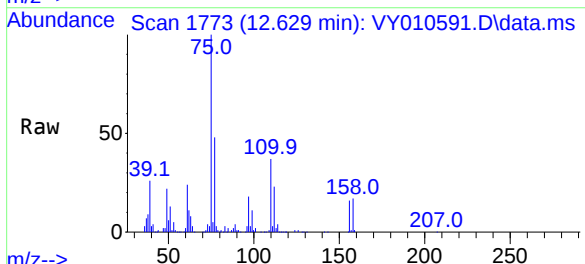
Instrument :  
MSVOA\_Y  
ClientSampleId :

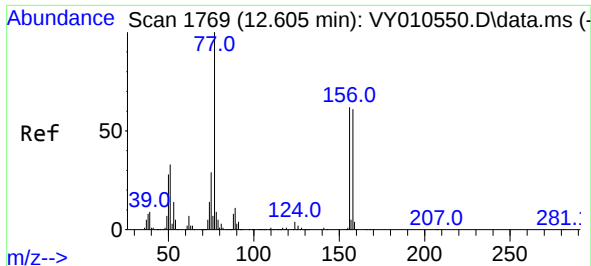
Tgt Ion: 83 Resp: 111873  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 64.8 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 89.907 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 75 Resp: 147868  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

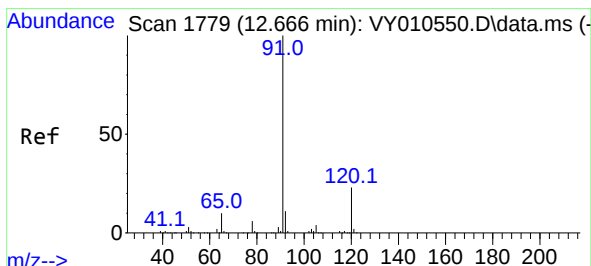
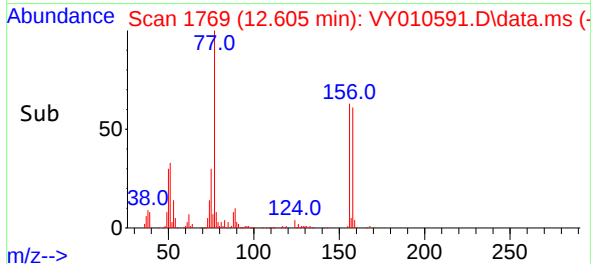
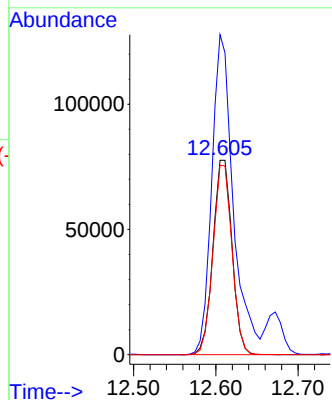
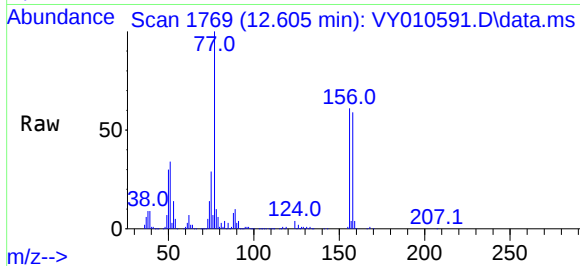




#77  
Bromobenzene  
Concen: 49.393 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

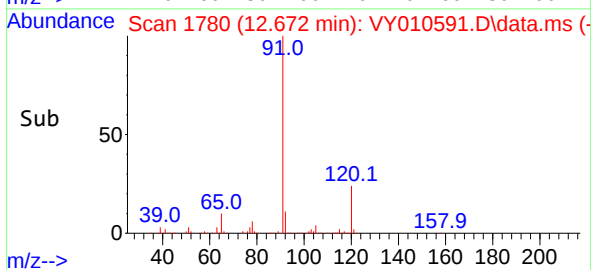
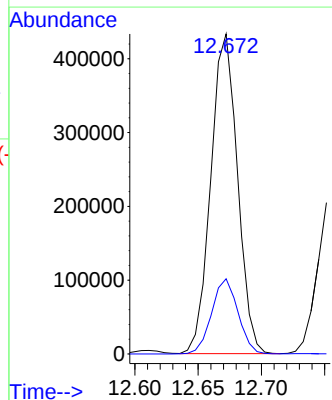
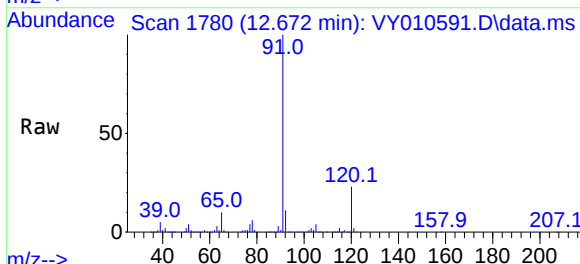
Instrument :  
MSVOA\_Y  
ClientSampleId :

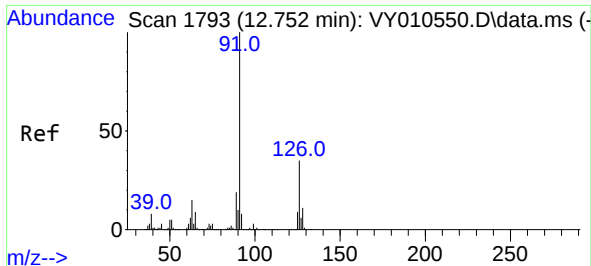
Tgt Ion:156 Resp: 125157  
Ion Ratio Lower Upper  
156 100  
77 184.8 95.5 286.4  
158 97.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 50.133 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 91 Resp: 635955  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 49.252 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

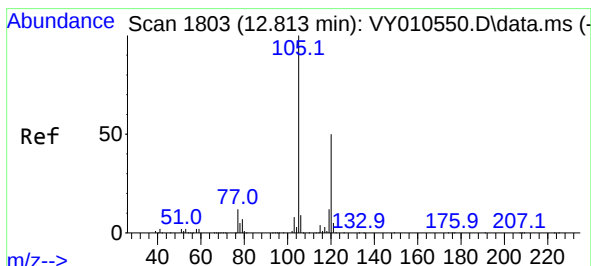
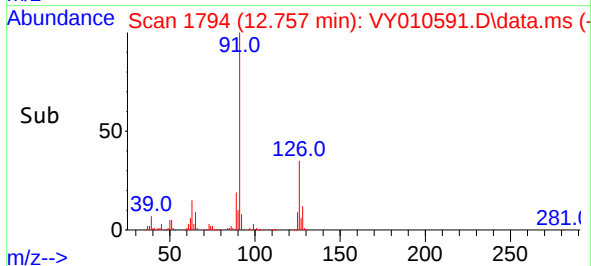
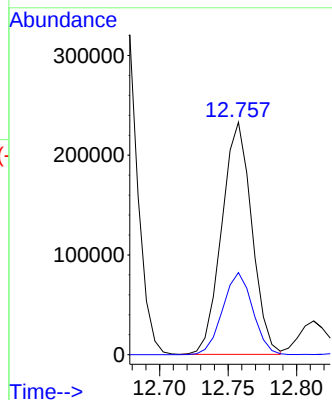
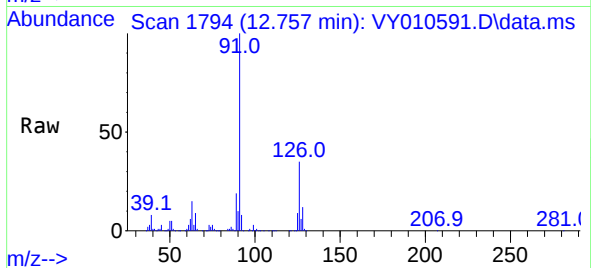
ClientSampleId :

Tgt Ion: 91 Resp: 355988

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.588 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010591.D

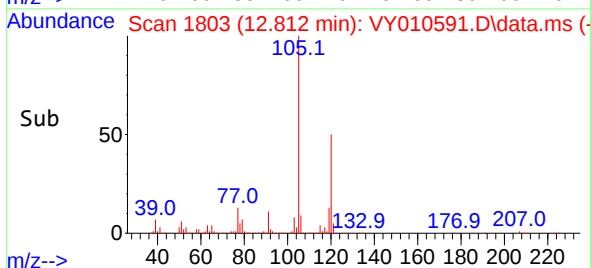
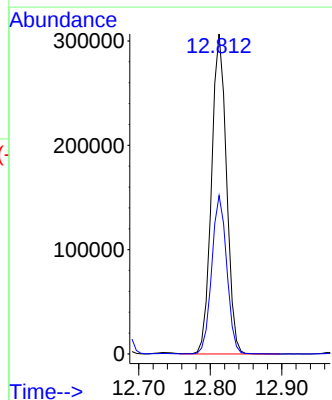
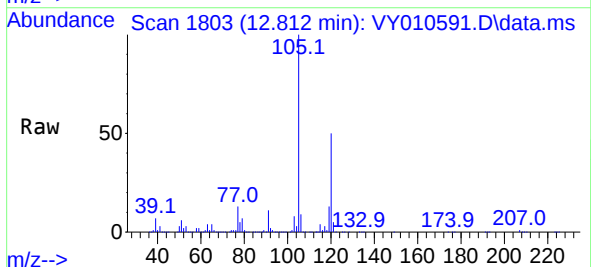
Acq: 21 Sep 2022 10:15

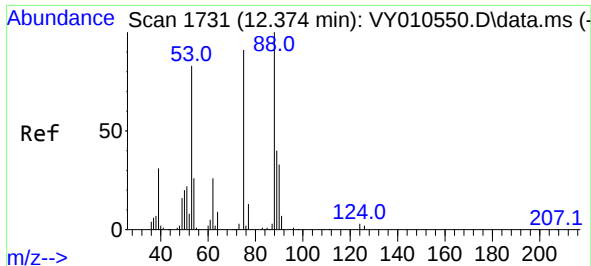
Tgt Ion: 105 Resp: 446216

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4

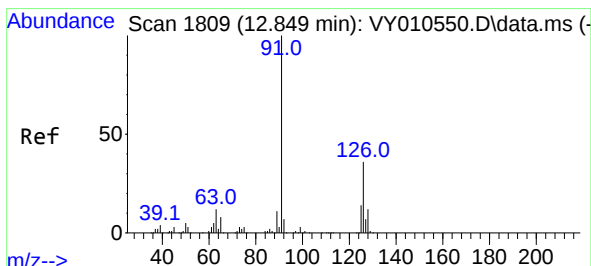
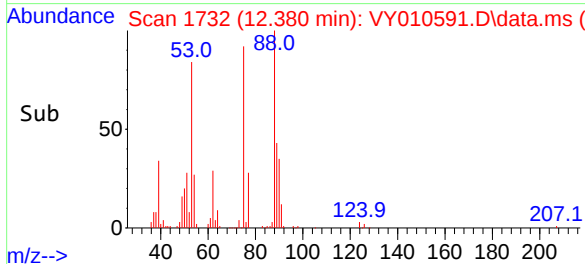
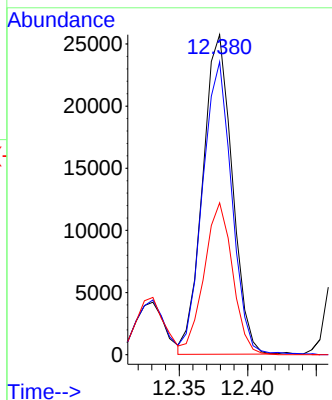
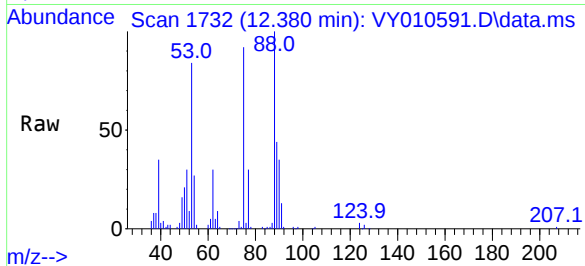




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.945 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.005 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

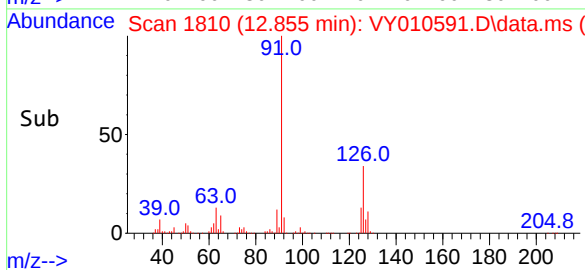
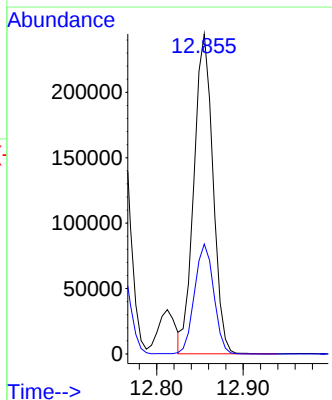
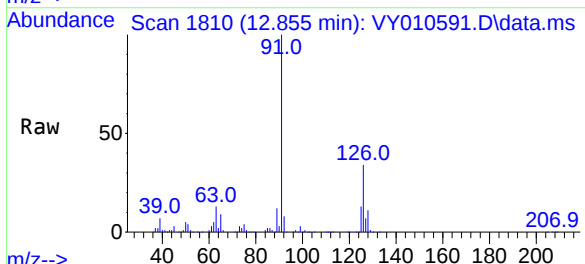
Instrument :  
MSVOA\_Y  
ClientSampleId :

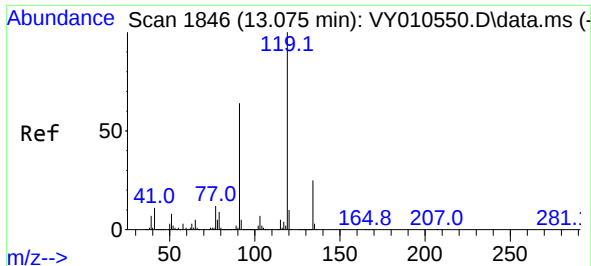
Tgt Ion: 75 Resp: 38424  
Ion Ratio Lower Upper  
75 100  
53 91.1 85.3 127.9  
89 46.2 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 49.835 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 91 Resp: 371955  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.0 51.0

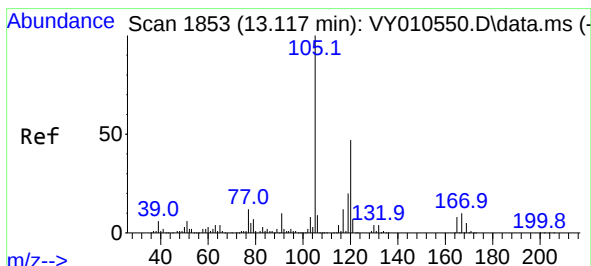
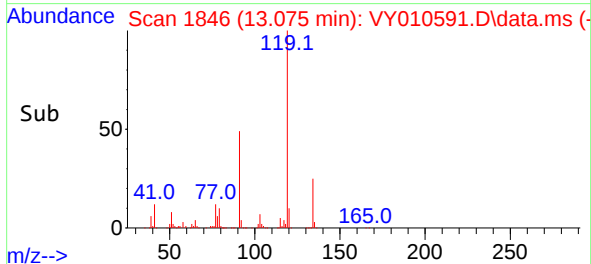
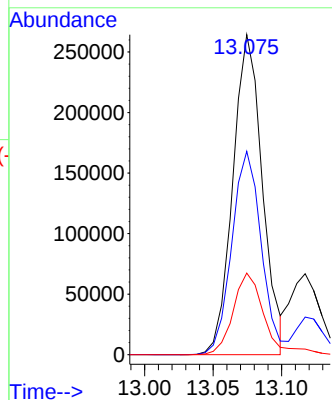
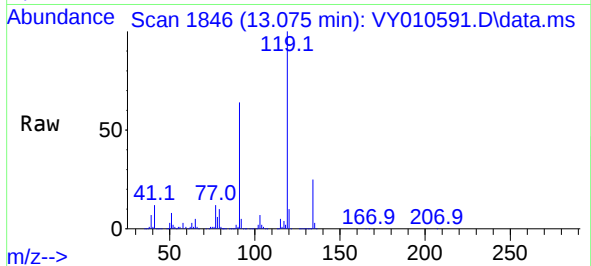




#83  
tert-Butylbenzene  
Concen: 49.384 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

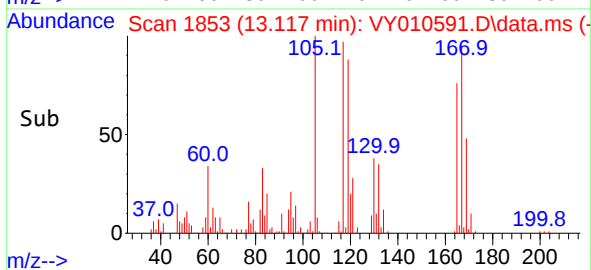
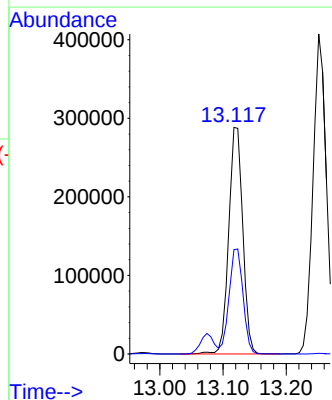
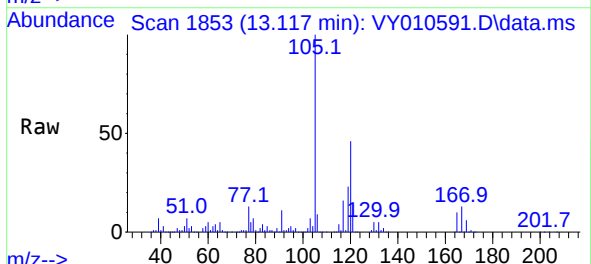
Instrument :  
MSVOA\_Y  
ClientSampleId :

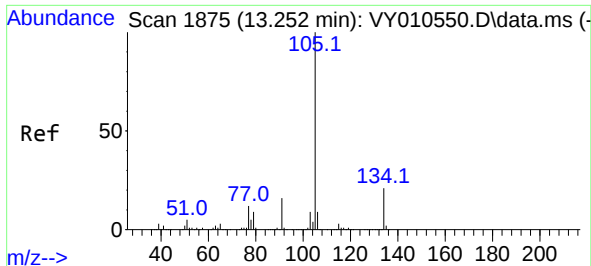
Tgt Ion:119 Resp: 397429  
Ion Ratio Lower Upper  
119 100  
91 64.0 34.8 104.4  
134 26.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 49.569 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:105 Resp: 443122  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.3 66.9

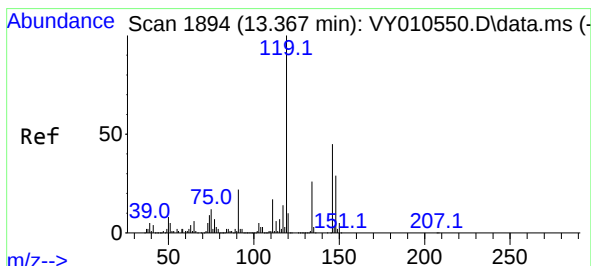
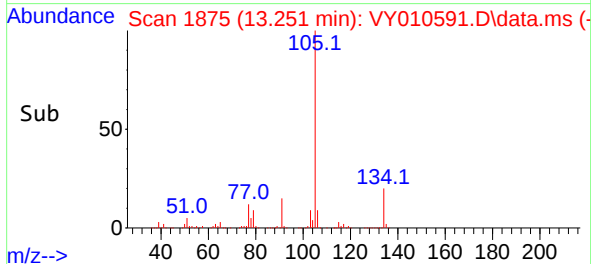
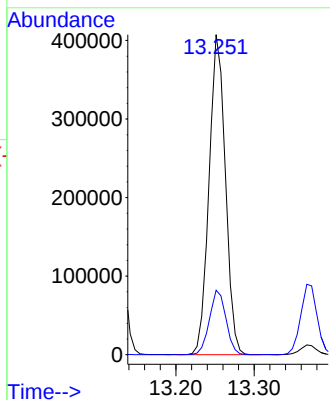
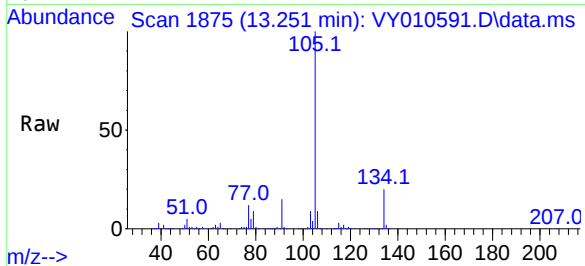




#85  
 sec-Butylbenzene  
 Concen: 49.946 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.001 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

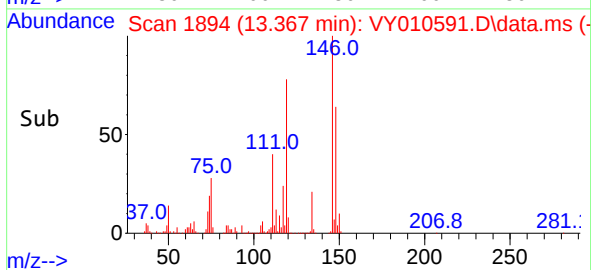
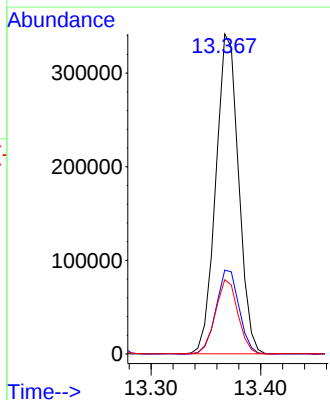
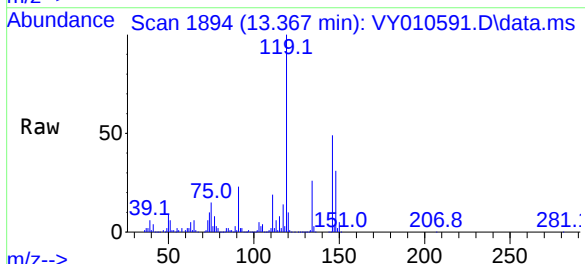
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

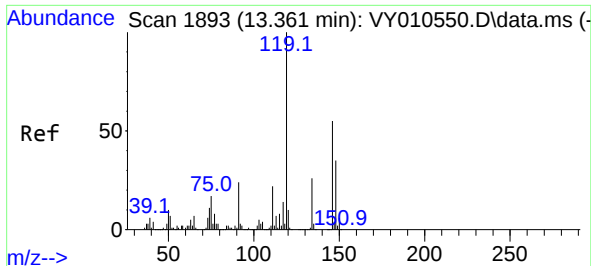
Tgt Ion:105 Resp: 588680  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 50.047 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Tgt Ion:119 Resp: 492936  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.2 39.5  
 91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.978 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

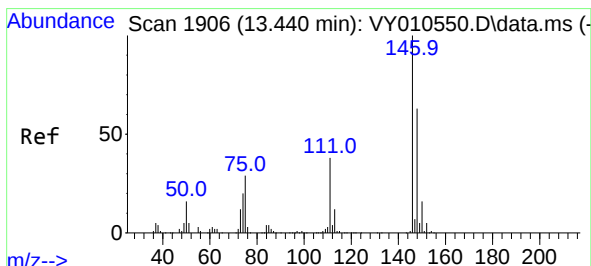
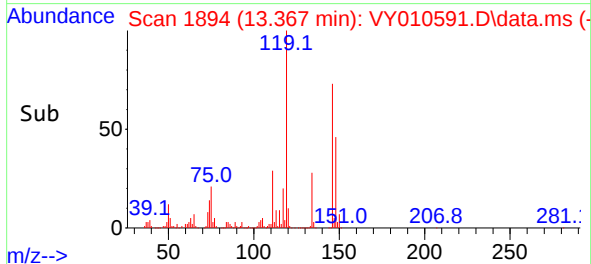
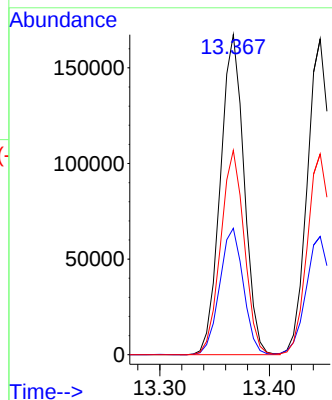
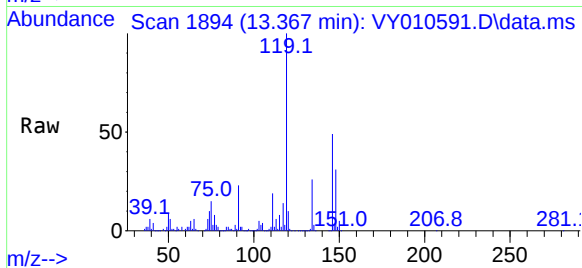
Tgt Ion:146 Resp: 251899

Ion Ratio Lower Upper

146 100

111 39.5 19.5 58.5

148 63.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.169 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

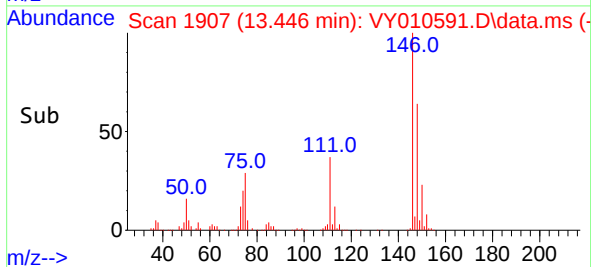
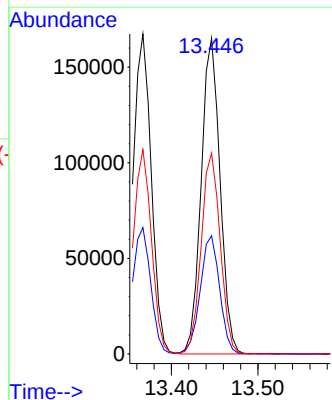
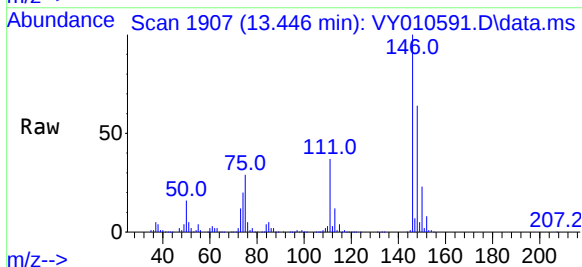
Tgt Ion:146 Resp: 250284

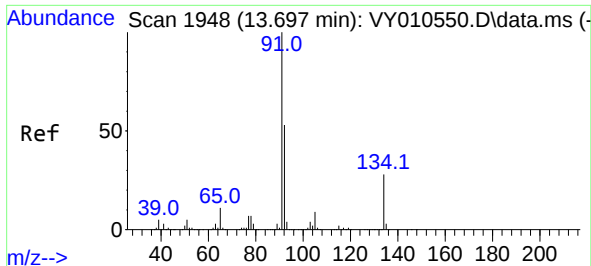
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

148 64.1 32.6 97.8

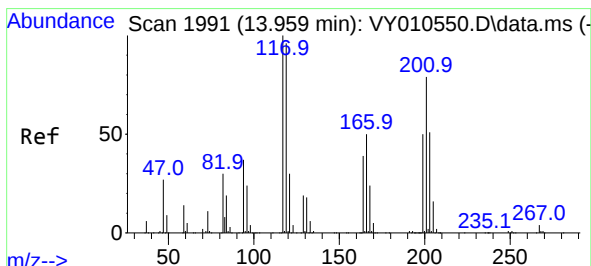
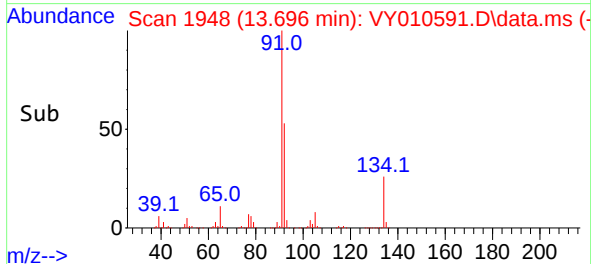
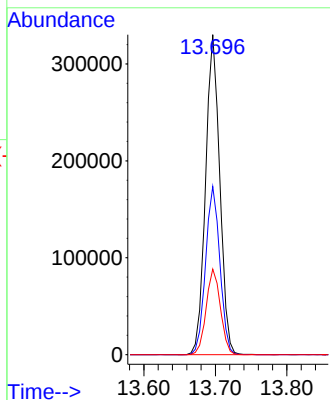
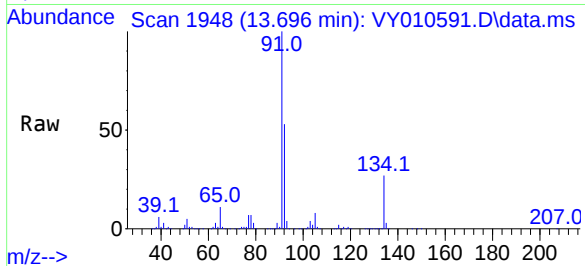




#89  
n-Butylbenzene  
Concen: 50.406 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

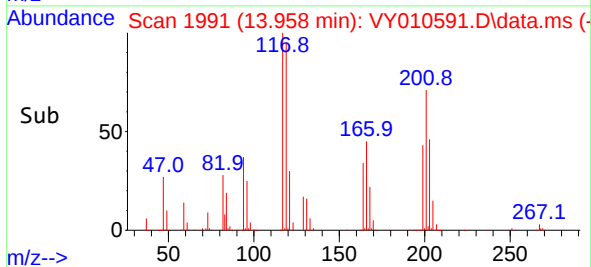
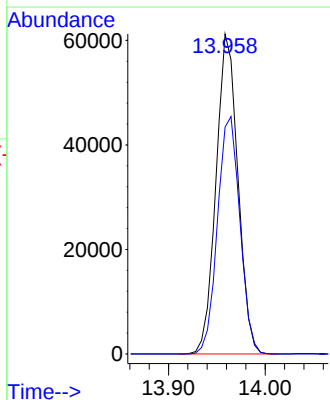
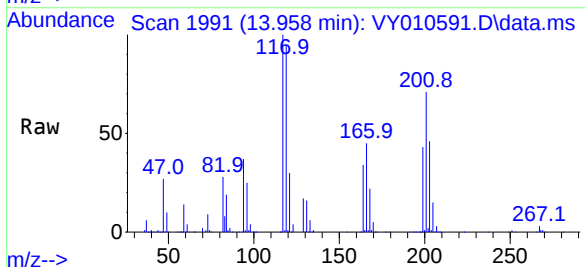
Instrument :  
MSVOA\_Y  
ClientSampleId :

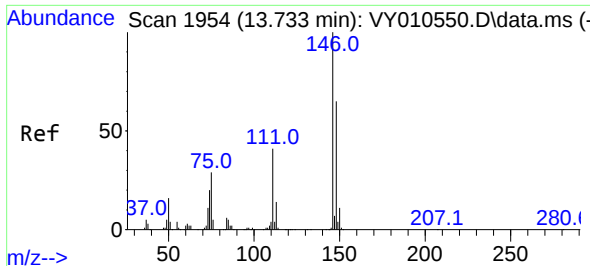
Tgt Ion: 91 Resp: 455755  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.3 78.9  
134 26.8 13.0 38.9



#90  
Hexachloroethane  
Concen: 50.818 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion: 117 Resp: 96101  
Ion Ratio Lower Upper  
117 100  
201 76.1 43.0 128.8

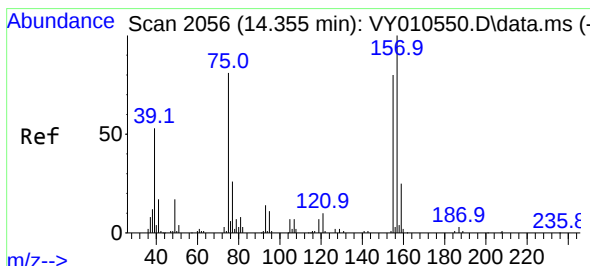
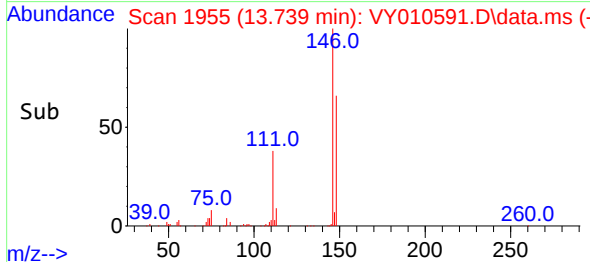
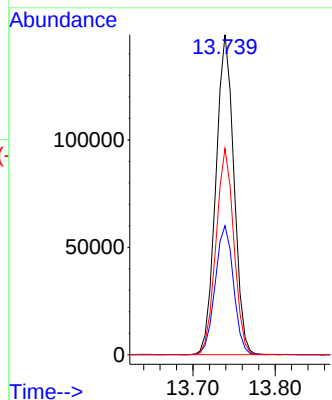
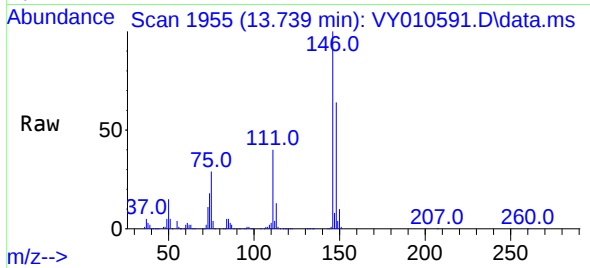




#91  
 1,2-Dichlorobenzene  
 Concen: 49.622 ug/l  
 RT: 13.739 min Scan# 1954  
 Delta R.T. 0.006 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

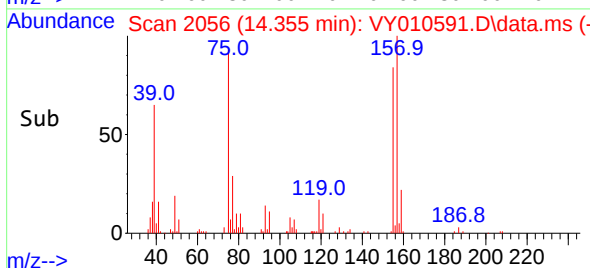
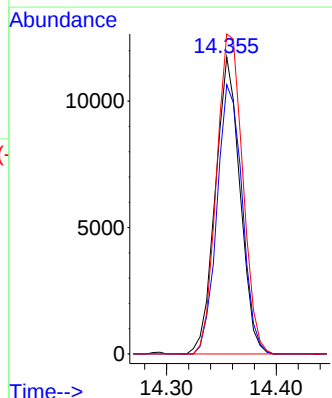
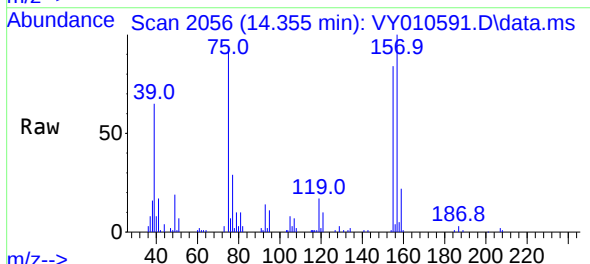
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

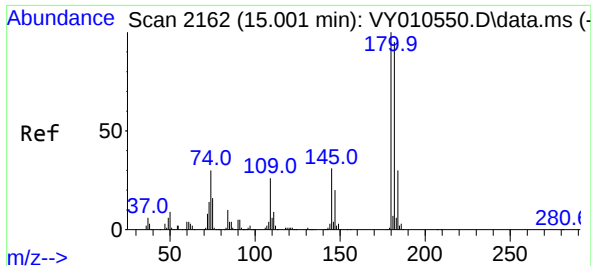
Tgt Ion:146 Resp: 227342  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 20.3 60.9  
 148 63.8 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.761 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY010591.D  
 Acq: 21 Sep 2022 10:15

Tgt Ion: 75 Resp: 18382  
 Ion Ratio Lower Upper  
 75 100  
 155 92.3 38.0 113.9  
 157 114.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.285 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

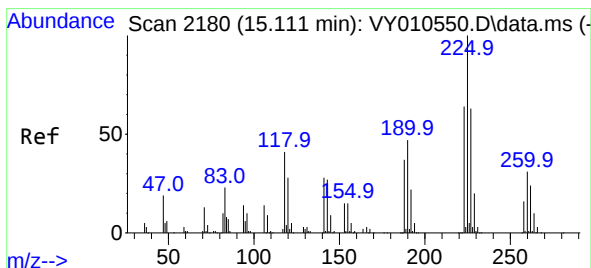
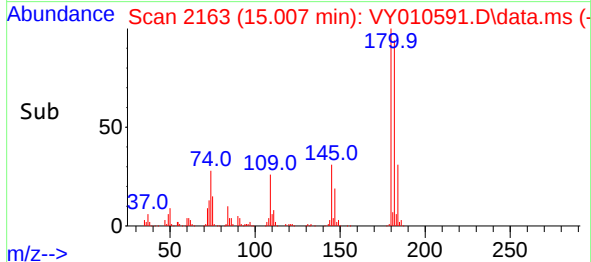
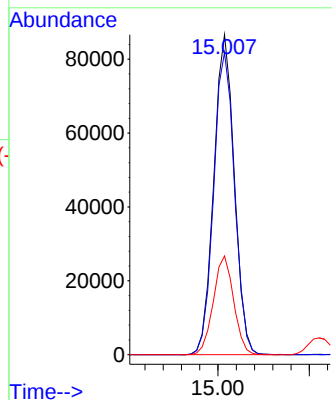
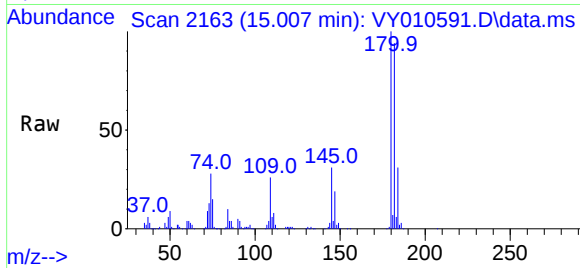
Tgt Ion:180 Resp: 134947

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.927 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010591.D

Acq: 21 Sep 2022 10:15

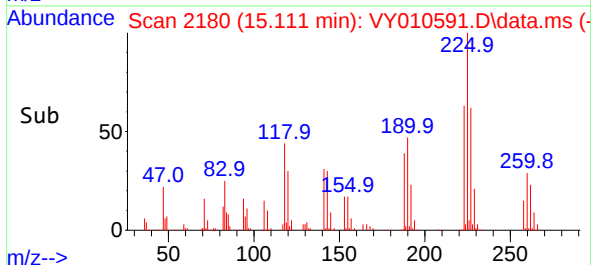
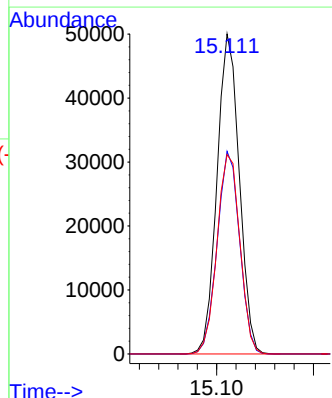
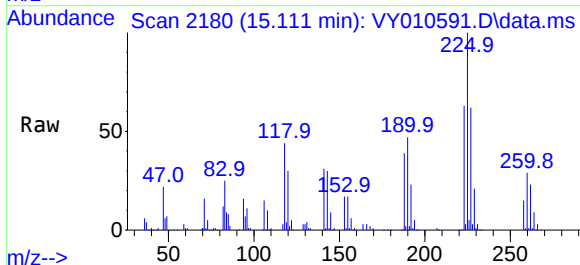
Tgt Ion:225 Resp: 79714

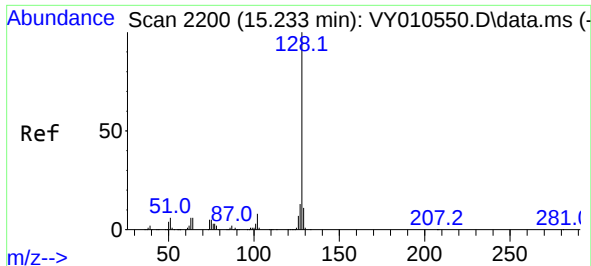
Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

227 64.2 31.6 94.7

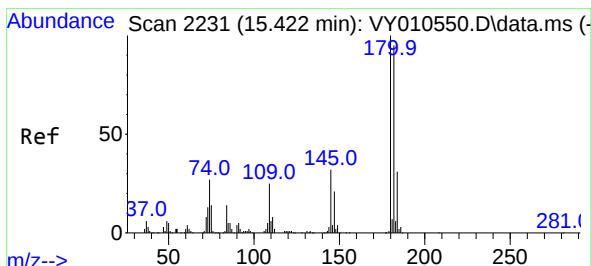
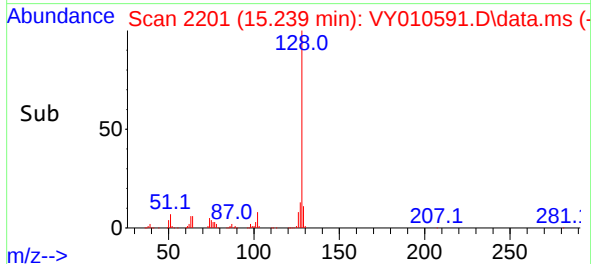
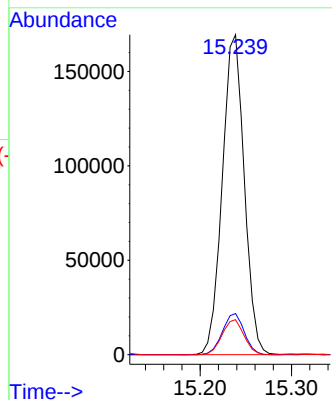
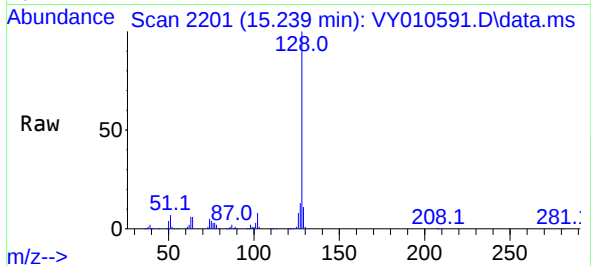




#95  
Naphthalene  
Concen: 50.282 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 283156  
Ion Ratio Lower Upper  
128 100  
127 12.8 11.0 16.4  
129 10.9 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 49.109 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY010591.D  
Acq: 21 Sep 2022 10:15

Tgt Ion:180 Resp: 119508  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.3 141.9  
145 31.9 15.3 45.9

