

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101022\  
 Data File : VY010885.D  
 Acq On : 10 Oct 2022 11:45  
 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: Oct 11 09:43:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 07:26:22 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 263593   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 418801   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 374254   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 181408   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 138296   | 51.760   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 103.520% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 137285   | 49.383   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 98.760%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 533387   | 56.102   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 112.200% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 177825   | 47.706   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 95.420%  |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 88499   | 48.462  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 137737  | 45.348  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.253 | 62  | 158713  | 43.395  | ug/l   | 99  |
| 5) Bromomethane              | 2.650 | 94  | 106043  | 40.861  | ug/l   | 100 |
| 6) Chloroethane              | 2.790 | 64  | 103229  | 42.352  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 217141  | 48.751  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.528 | 74  | 74395   | 51.920  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 131855  | 51.635  | ug/l   | 93  |
| 10) Methyl Iodide            | 4.088 | 142 | 171925  | 50.365  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 58918   | 252.849 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 126821  | 50.889  | ug/l   | 87  |
| 13) Acrolein                 | 3.729 | 56  | 45209   | 245.157 | ug/l   | 100 |
| 14) Allyl chloride           | 4.479 | 41  | 206515  | 55.358  | ug/l # | 88  |
| 15) Acrylonitrile            | 5.155 | 53  | 181767  | 260.388 | ug/l   | 97  |
| 16) Acetone                  | 3.948 | 43  | 191952  | 282.873 | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.192 | 76  | 396500  | 49.232  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.479 | 43  | 88966   | 51.325  | ug/l # | 91  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 335430  | 51.417  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.710 | 84  | 164566  | 55.961  | ug/l   | 86  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 148589  | 51.061  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.112 | 45  | 437139  | 53.429  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.058 | 43  | 1309459 | 264.218 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 262822  | 52.750  | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 255011  | 261.391 | ug/l # | 88  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 235978  | 49.896  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 166835  | 51.660  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.332 | 49  | 112250  | 59.826  | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 146607  | 255.545 | ug/l # | 88  |
| 30) Chloroform               | 7.502 | 83  | 259768  | 50.520  | ug/l   | 98  |
| 31) Cyclohexane              | 7.783 | 56  | 234479  | 49.029  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 234044  | 50.527  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 206090  | 51.352  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.070 | 43  | 100907  | 51.238  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 210765  | 50.422  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 253816  | 51.488  | ug/l   | 92  |
| 40) Benzene                  | 8.155 | 78  | 599793  | 51.882  | ug/l   | 97  |

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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: Oct 11 09:43:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 07:26:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 136523   | 114.824  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 161261   | 49.340   | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 180117   | 50.532   | ug/l # | 88       |
| 44) Trichloroethene           | 8.935  | 130  | 159220   | 50.865   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 150404   | 53.966   | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 80531    | 50.517   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 201499   | 52.377   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 86512    | 51.675   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 20044    | 1021.420 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 505086   | 259.004  | ug/l   | 89       |
| 52) Toluene                   | 10.240 | 92   | 372522   | 50.631   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 205031   | 51.476   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 238023   | 52.185   | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 113315   | 50.659   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 151375   | 52.670   | ug/l # | 79       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 198728   | 52.256   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 398954   | 267.906  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 365497   | 270.612  | ug/l   | 86       |
| 60) Dibromochloromethane      | 10.984 | 129  | 137758   | 51.366   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 108272   | 50.766   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 151851   | 51.173   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.514 | 112  | 392698   | 50.669   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 145261   | 51.277   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 722193   | 51.778   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 556586   | 101.965  | ug/l   | 94       |
| 69) o-Xylene                  | 12.026 | 106  | 261343   | 51.208   | ug/l   | 94       |
| 70) Styrene                   | 12.044 | 104  | 444905   | 51.726   | ug/l   | 95       |
| 71) Bromoform                 | 12.209 | 173  | 84178    | 49.921   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 697835   | 52.326   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 163243   | 53.260   | ug/l # | 86       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 128771   | 51.681   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 171955   | 93.601   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 156368   | 51.111   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 851237   | 52.409   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 470964   | 51.829   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 582305   | 51.624   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 45800    | 52.078   | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 488855   | 51.448   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 501752   | 52.177   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 581883   | 52.470   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 756368   | 52.252   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 633058   | 52.127   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 316046   | 50.897   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 311154   | 50.605   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 591254   | 52.905   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 120686   | 51.953   | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 277989   | 51.362   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 19825    | 49.481   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 170466   | 53.679   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 101618   | 51.899   | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 336250   | 55.556   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 144074   | 53.221   | ug/l   | 97       |

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

Instrument :  
MSVOA\_Y  
ClientSampleId :

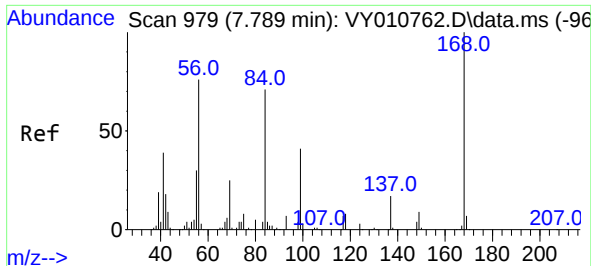
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 04 07:26:22 2022  
Response via : Initial Calibration

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

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

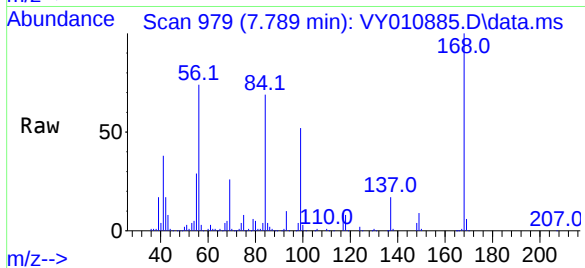
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 04 07:26:22 2022  
Response via : Initial Calibration



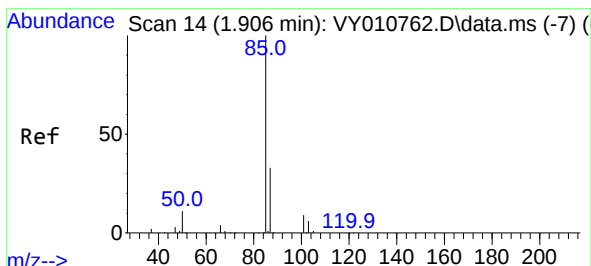
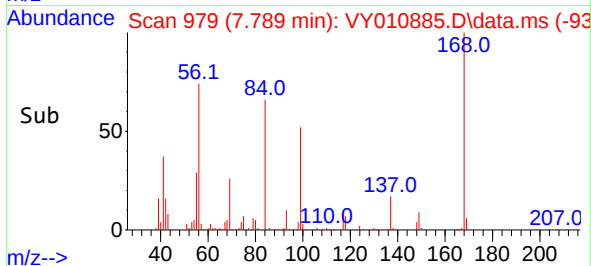
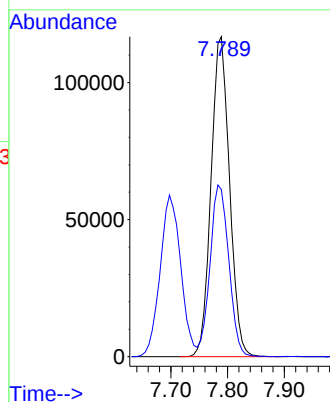


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

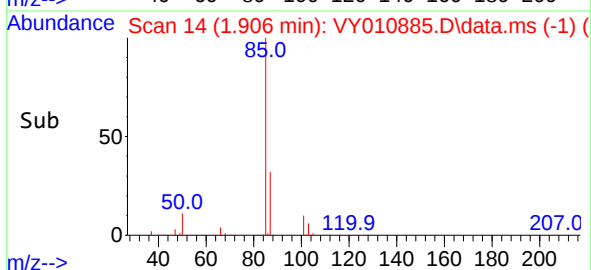
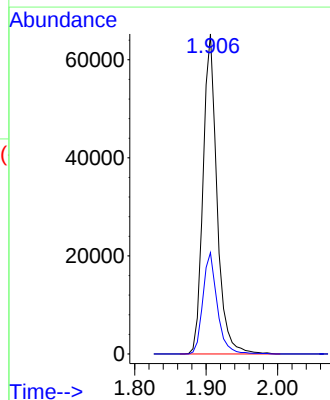
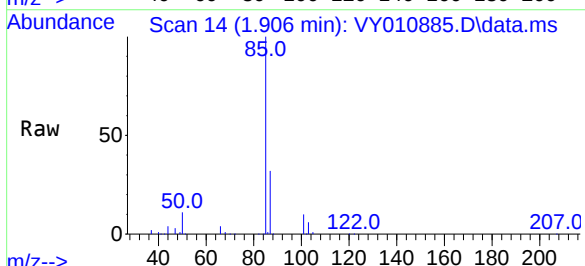


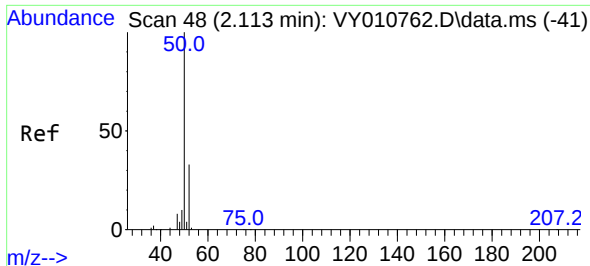
Tgt Ion:168 Resp: 263593  
Ion Ratio Lower Upper  
168 100  
99 52.2 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 48.462 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 85 Resp: 88499  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.1 48.2

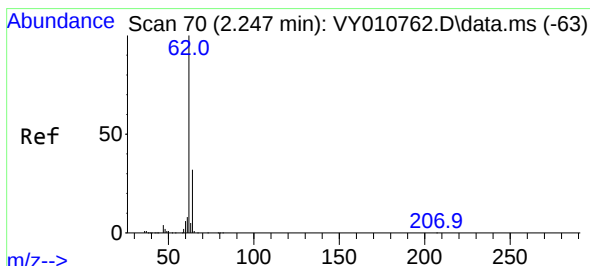
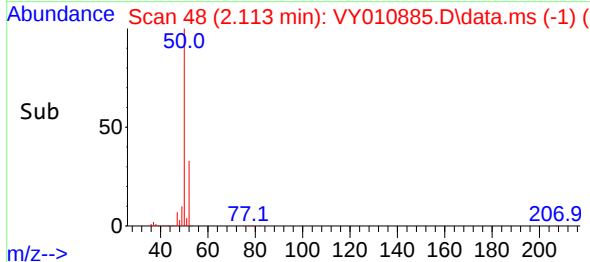
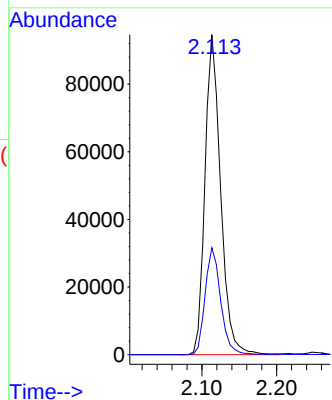
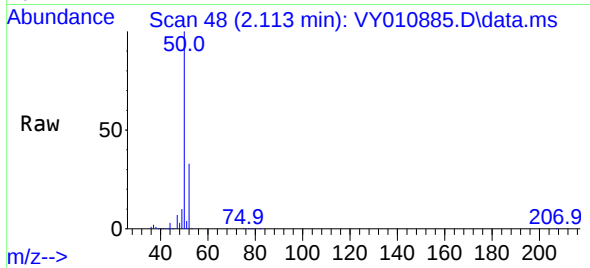




#3  
Chloromethane  
Concen: 45.348 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

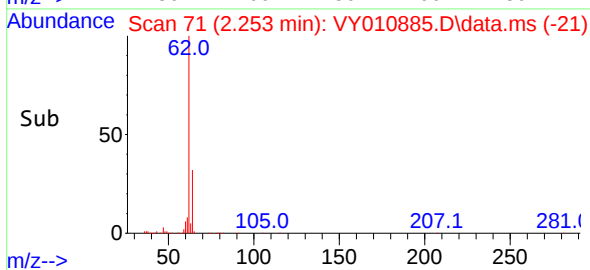
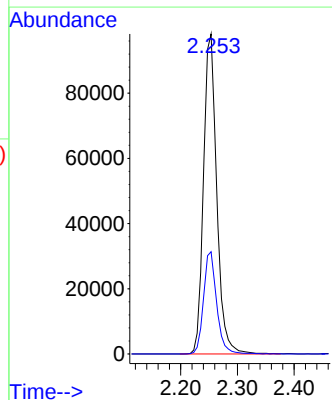
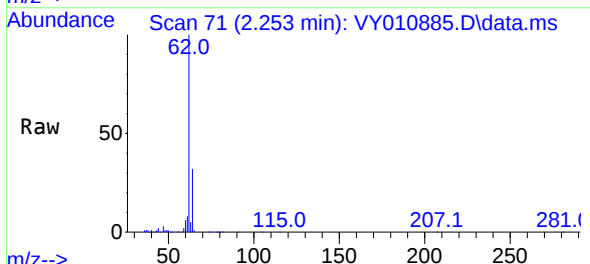
Instrument :  
MSVOA\_Y  
ClientSampleId :

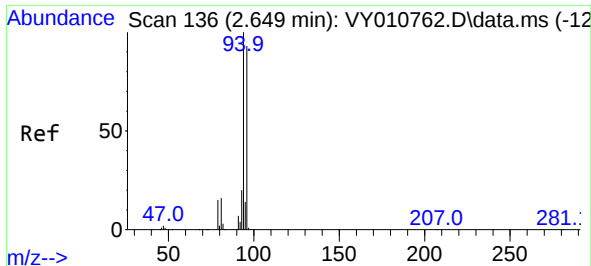
Tgt Ion: 50 Resp: 137737  
Ion Ratio Lower Upper  
50 100  
52 33.4 24.6 37.0



#4  
Vinyl Chloride  
Concen: 43.395 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 62 Resp: 158713  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.0 37.6

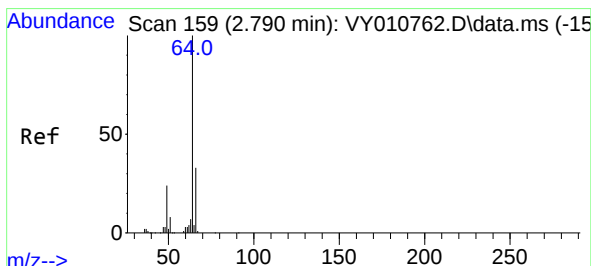
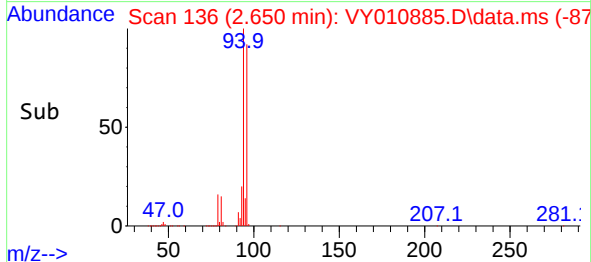
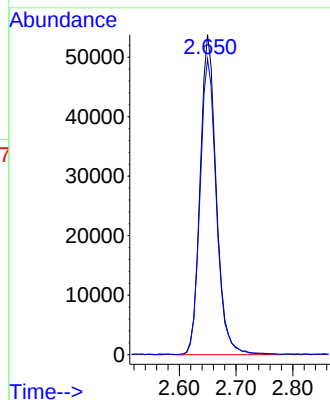
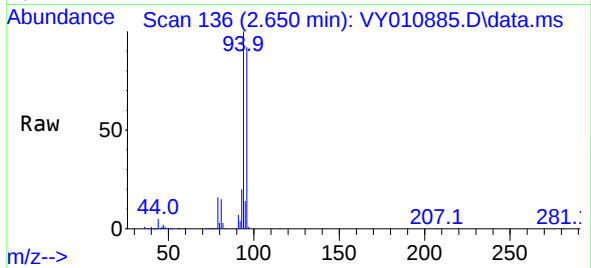




#5  
Bromomethane  
Concen: 40.861 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

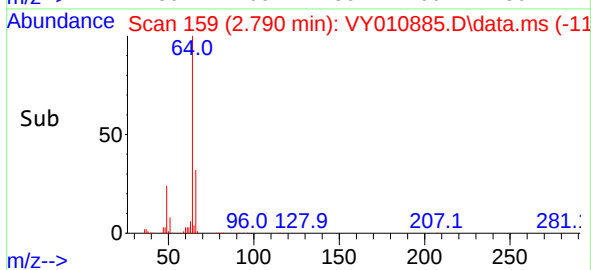
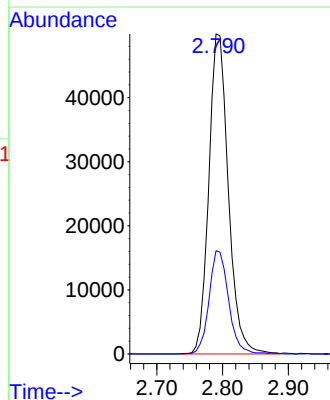
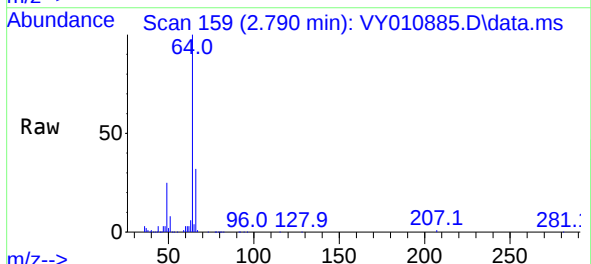
Instrument :  
MSVOA\_Y  
ClientSampleId :

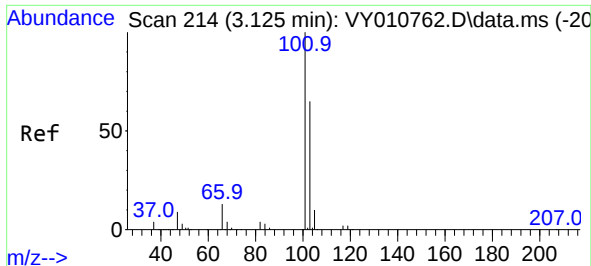
Tgt Ion: 94 Resp: 106043  
Ion Ratio Lower Upper  
94 100  
96 92.3 73.5 110.3



#6  
Chloroethane  
Concen: 42.352 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 64 Resp: 103229  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.4 38.0

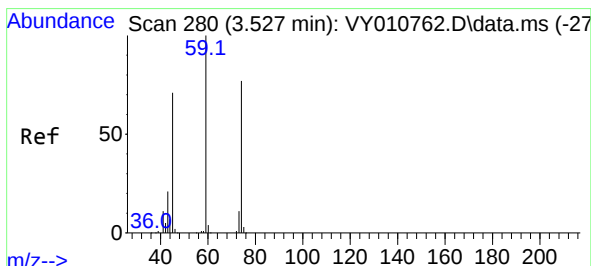
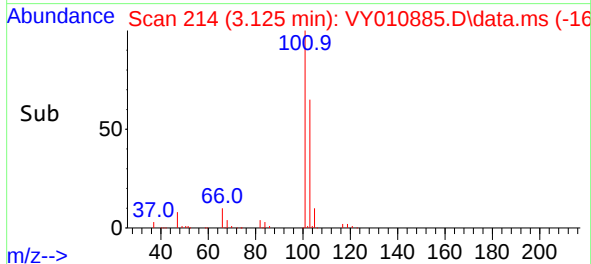
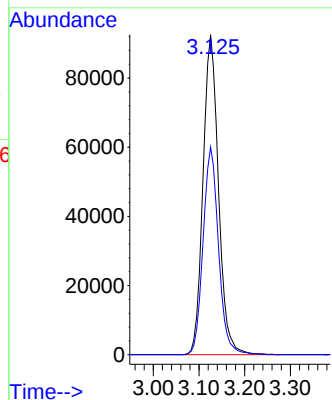
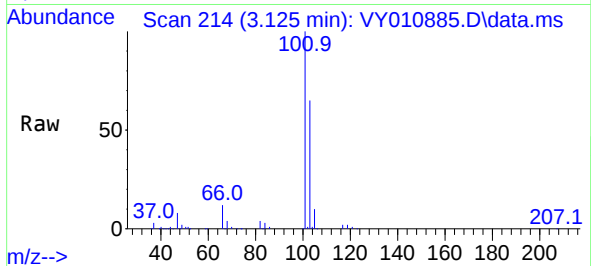




#7  
 Trichlorofluoromethane  
 Concen: 48.751 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

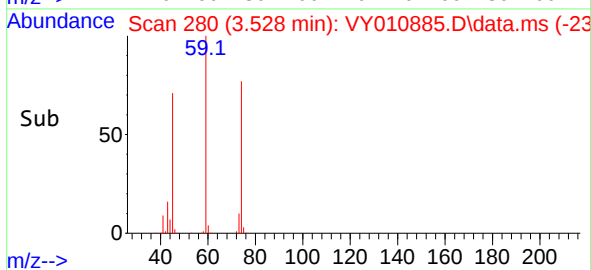
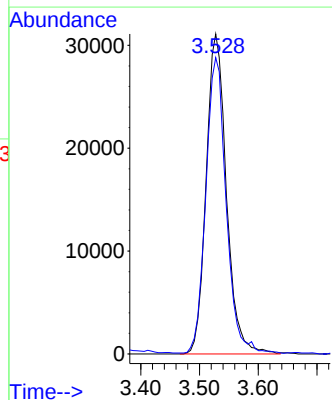
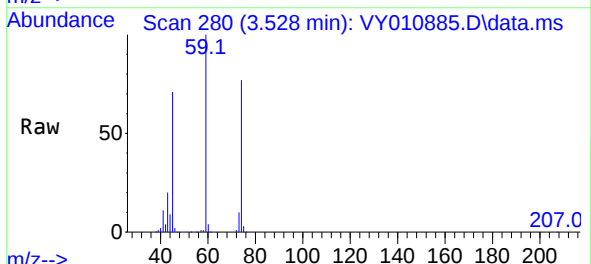
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

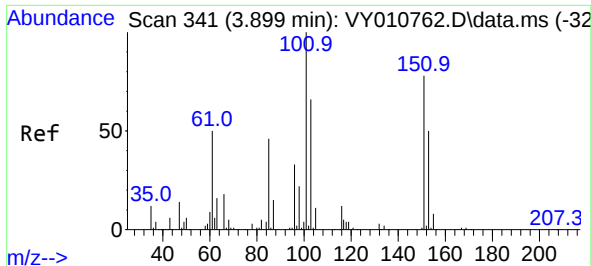
Tgt Ion:101 Resp: 217141  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 51.920 ug/l  
 RT: 3.528 min Scan# 280  
 Delta R.T. 0.001 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

Tgt Ion: 74 Resp: 74395  
 Ion Ratio Lower Upper  
 74 100  
 45 93.0 55.1 165.5

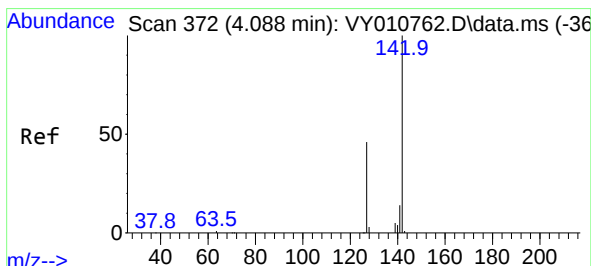
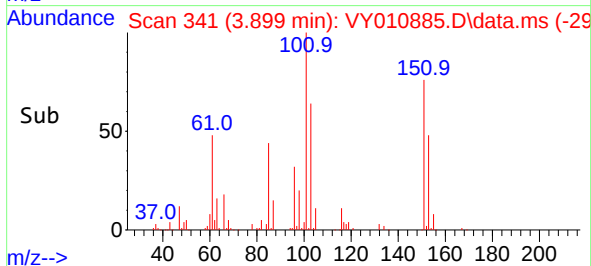
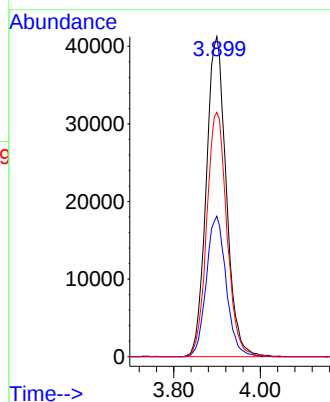
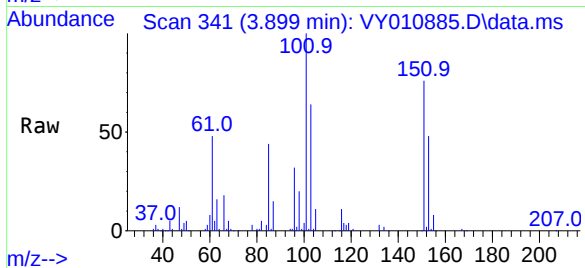




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.635 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

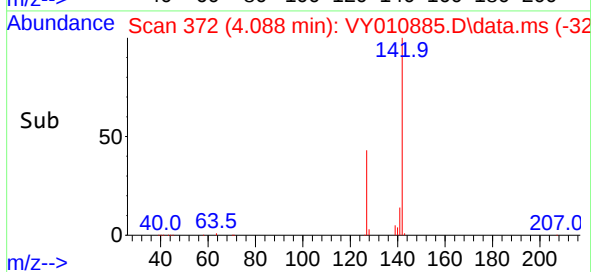
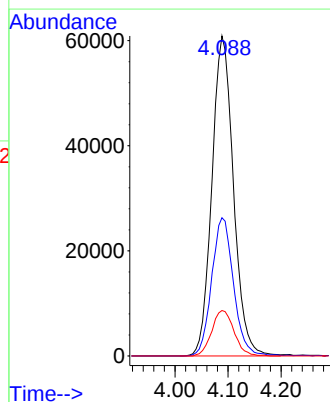
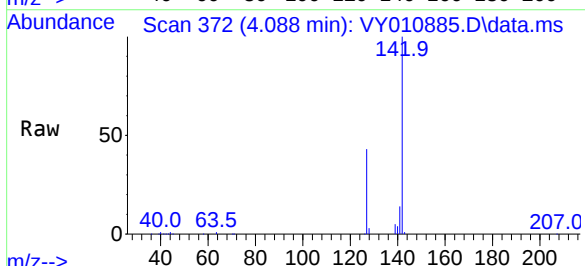
Instrument :  
MSVOA\_Y  
ClientSampleId :

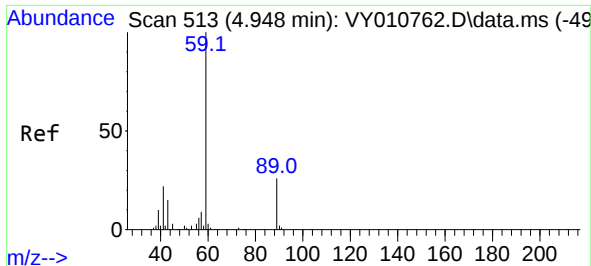
Tgt Ion:101 Resp: 131855  
Ion Ratio Lower Upper  
101 100  
85 43.7 40.6 60.8  
151 77.0 64.9 97.3



#10  
Methyl Iodide  
Concen: 50.365 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:142 Resp: 171925  
Ion Ratio Lower Upper  
142 100  
127 43.8 41.5 62.3  
141 14.7 11.9 17.9

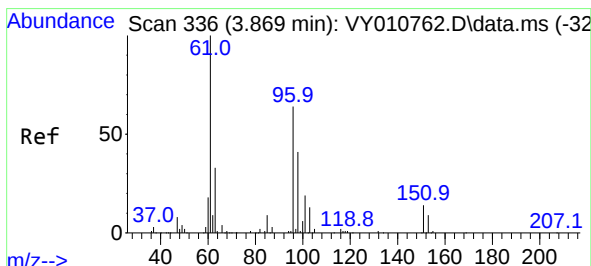
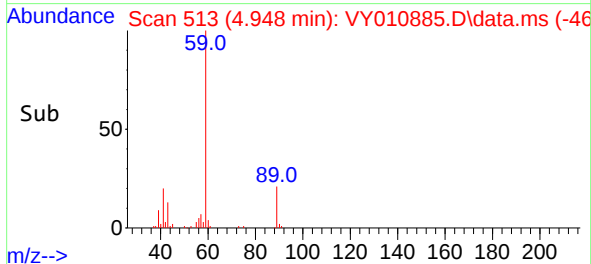
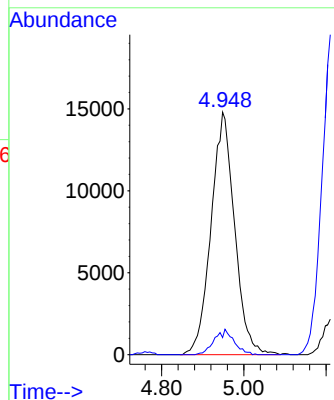
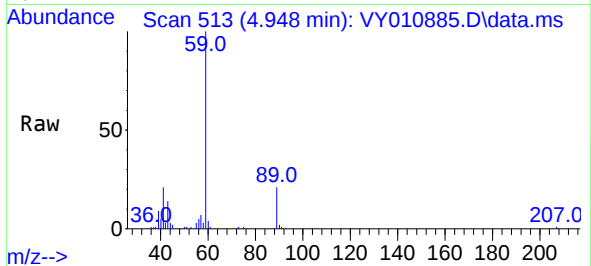




#11  
Tert butyl alcohol  
Concen: 252.849 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

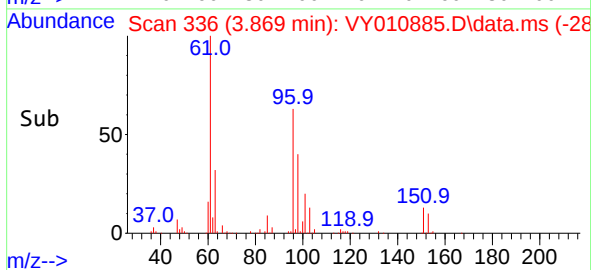
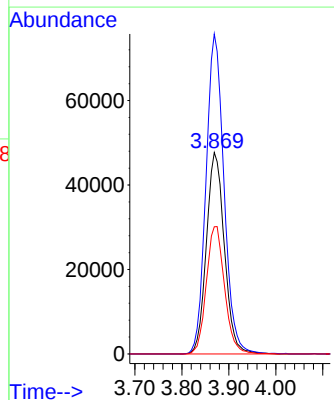
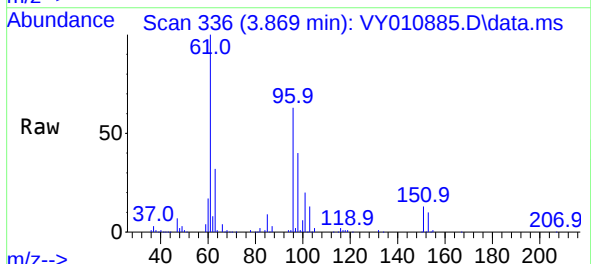
Instrument :  
MSVOA\_Y  
ClientSampleId :

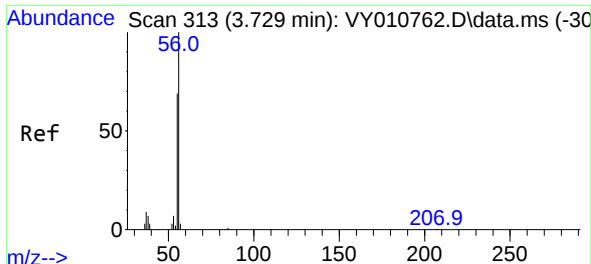
Tgt Ion: 59 Resp: 58918  
Ion Ratio Lower Upper  
59 100  
57 8.7 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 50.889 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 96 Resp: 126821  
Ion Ratio Lower Upper  
96 100  
61 158.9 145.8 218.6  
98 63.2 52.5 78.7

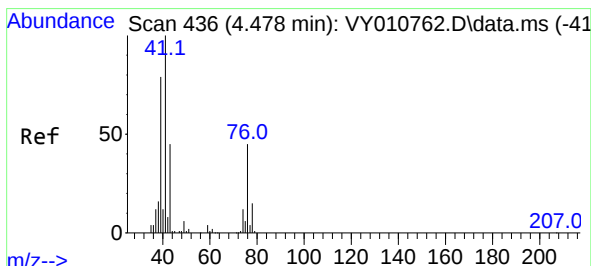
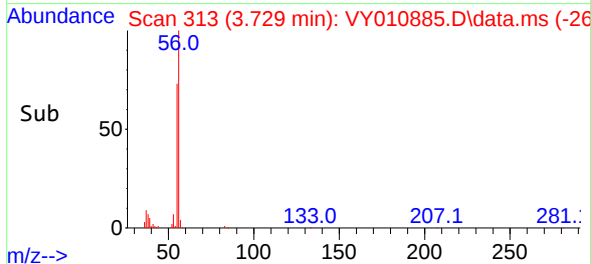
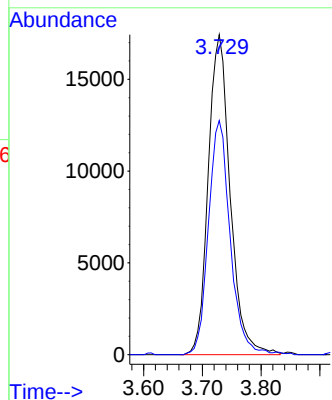
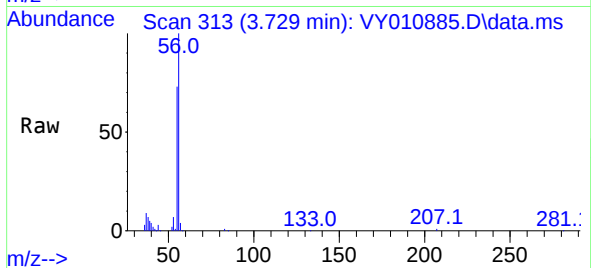




#13  
Acrolein  
Concen: 245.157 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

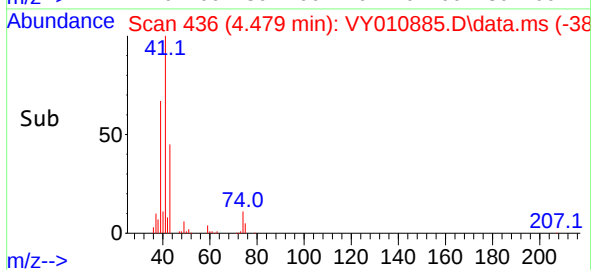
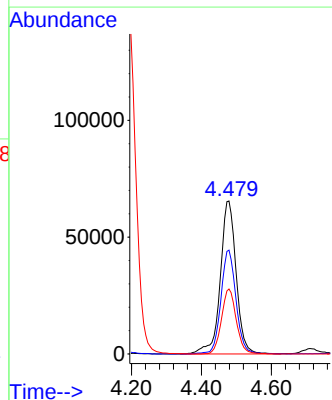
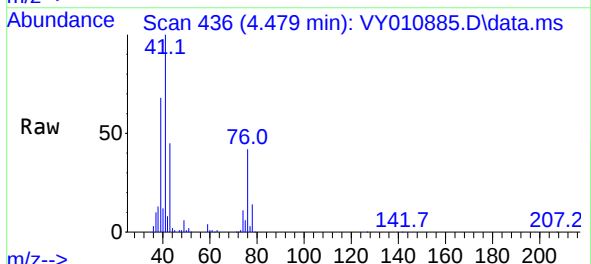
Instrument :  
MSVOA\_Y  
ClientSampleId :

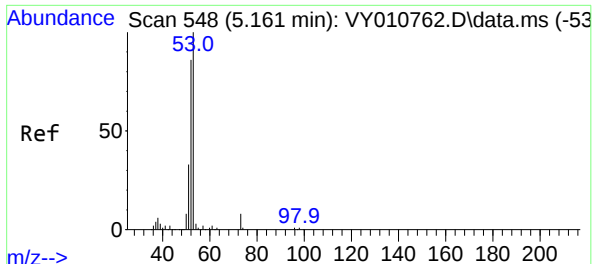
Tgt Ion: 56 Resp: 45209  
Ion Ratio Lower Upper  
56 100  
55 72.2 57.6 86.4



#14  
Allyl chloride  
Concen: 55.358 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 41 Resp: 206515  
Ion Ratio Lower Upper  
41 100  
39 64.5 58.8 88.2  
76 39.4 25.1 37.7#





#15

Acrylonitrile

Concen: 260.388 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

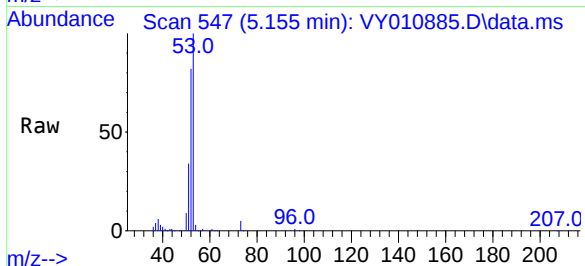
Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

ClientSampleId :



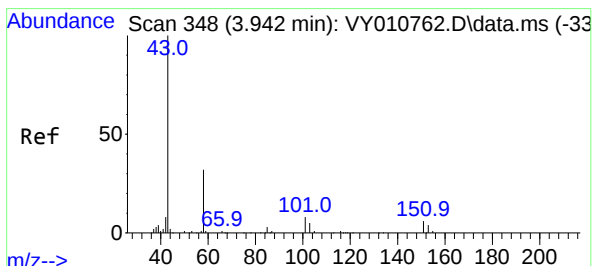
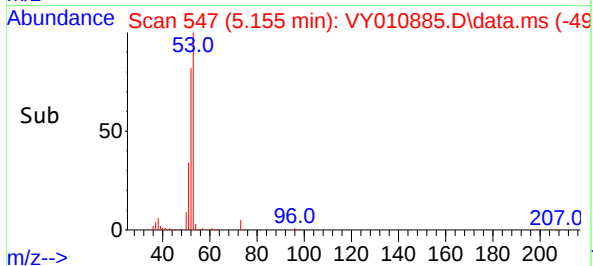
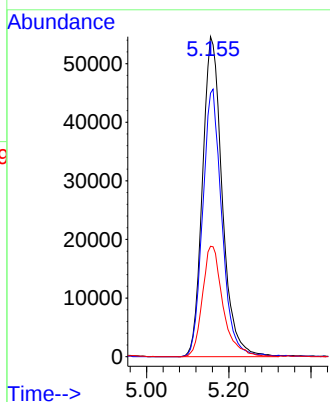
Tgt Ion: 53 Resp: 181767

Ion Ratio Lower Upper

53 100

52 81.0 67.0 100.4

51 36.0 29.8 44.6



#16

Acetone

Concen: 282.873 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010885.D

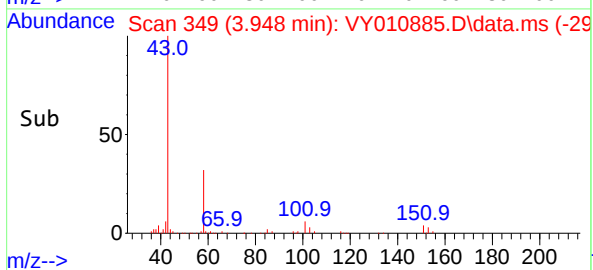
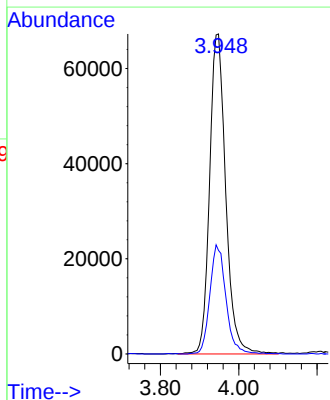
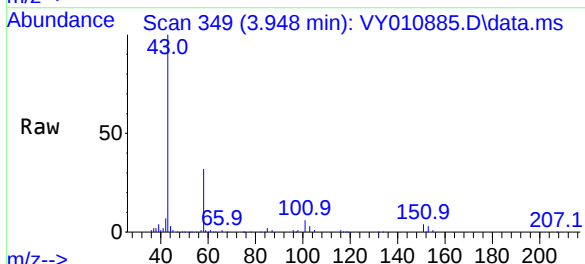
Acq: 10 Oct 2022 11:45

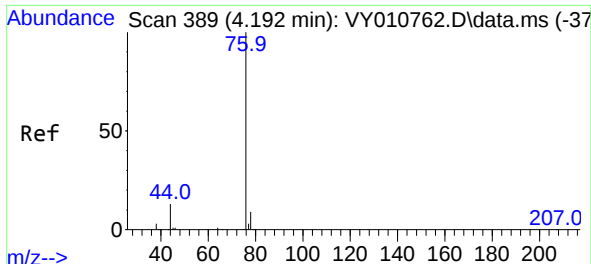
Tgt Ion: 43 Resp: 191952

Ion Ratio Lower Upper

43 100

58 32.2 22.0 33.0

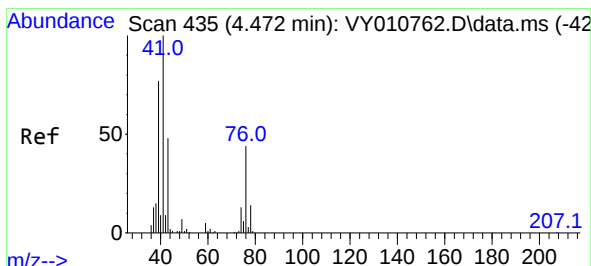
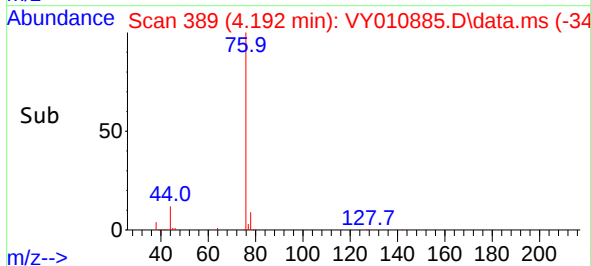
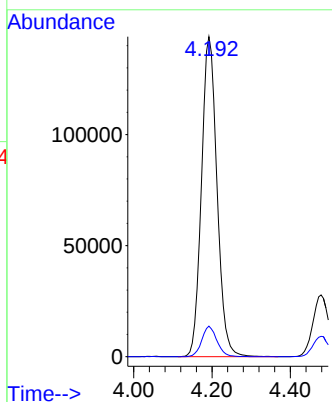
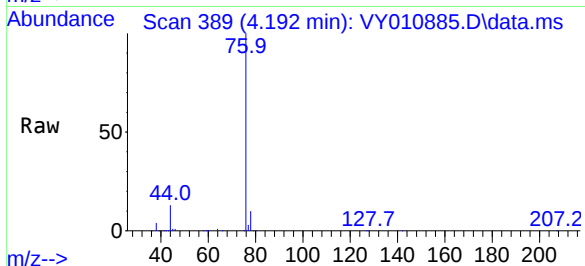




#17  
Carbon Disulfide  
Concen: 49.232 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

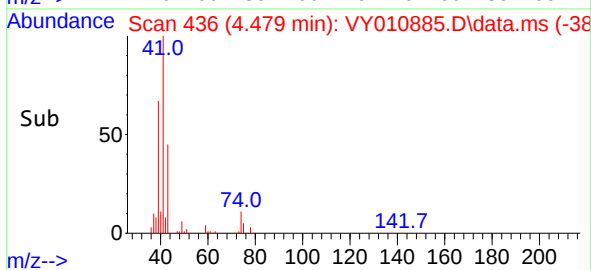
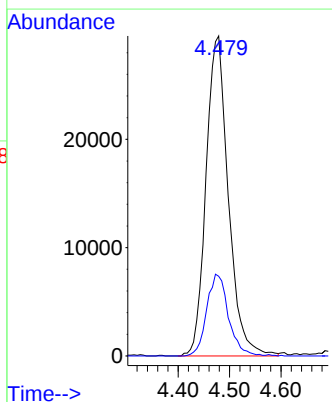
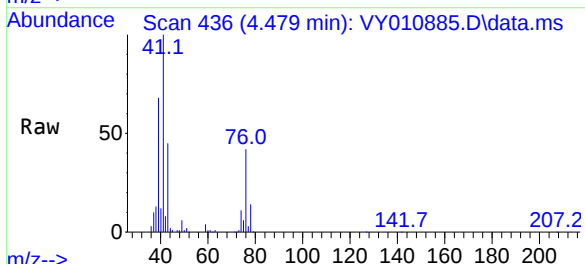
Instrument :  
MSVOA\_Y  
ClientSampleId :

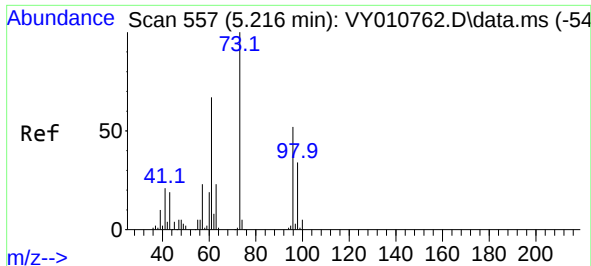
Tgt Ion: 76 Resp: 396500  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 51.325 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.007 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

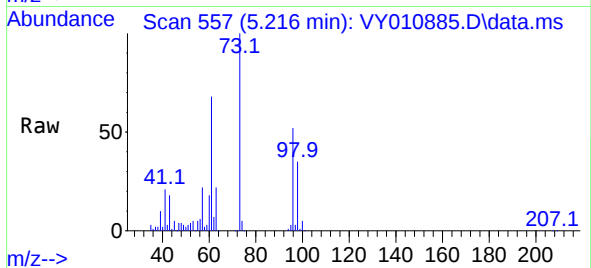
Tgt Ion: 43 Resp: 88966  
Ion Ratio Lower Upper  
43 100  
74 24.9 16.6 24.8#



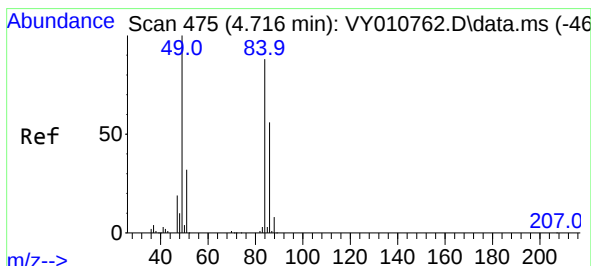
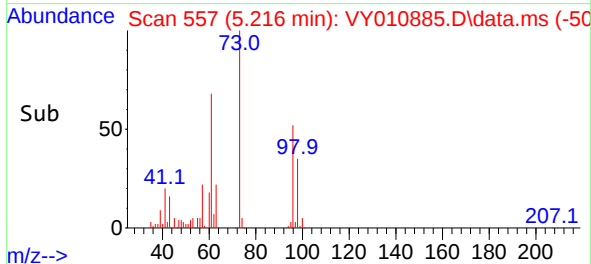
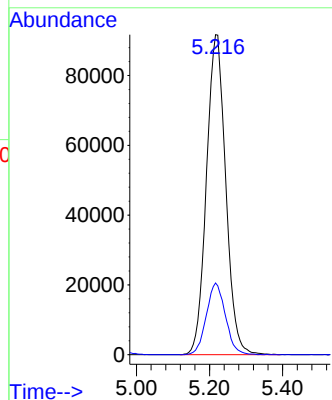


#19  
Methyl tert-butyl Ether  
Concen: 51.417 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

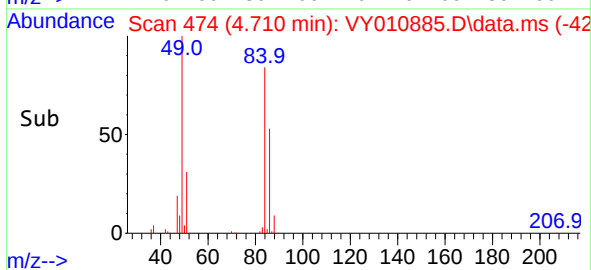
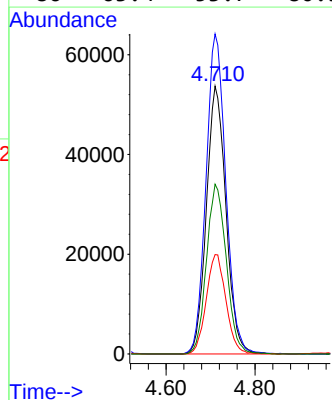
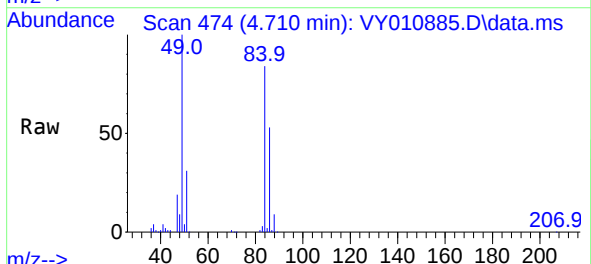


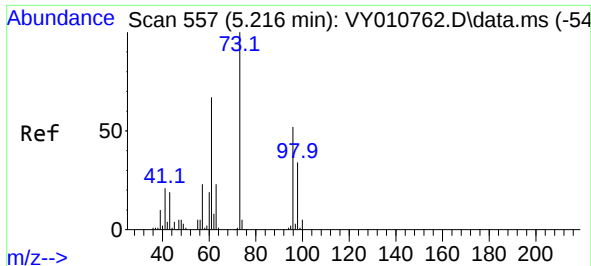
Tgt Ion: 73 Resp: 335430  
Ion Ratio Lower Upper  
73 100  
57 22.4 18.6 27.8



#20  
Methylene Chloride  
Concen: 55.961 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

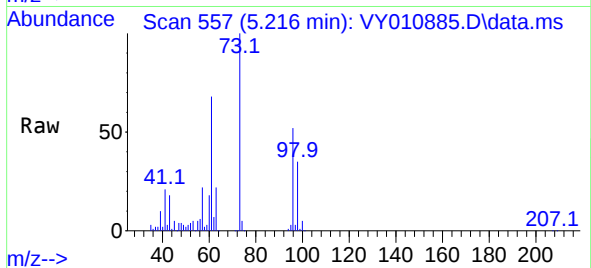
Tgt Ion: 84 Resp: 164566  
Ion Ratio Lower Upper  
84 100  
49 119.5 114.4 171.6  
51 37.1 35.3 52.9  
86 63.4 53.7 80.5



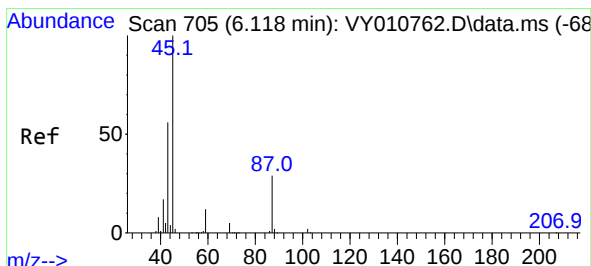
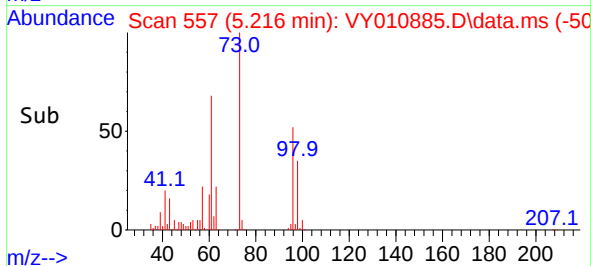
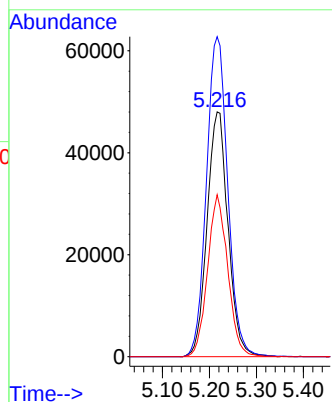


#21  
trans-1,2-Dichloroethene  
Concen: 51.061 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

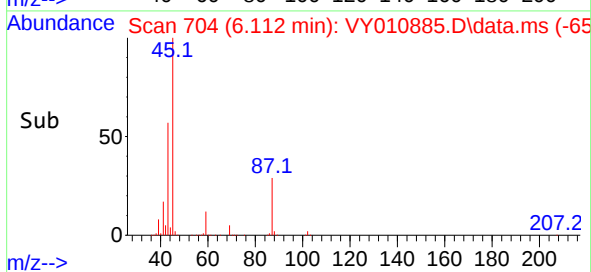
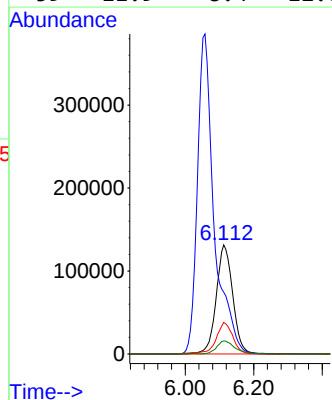
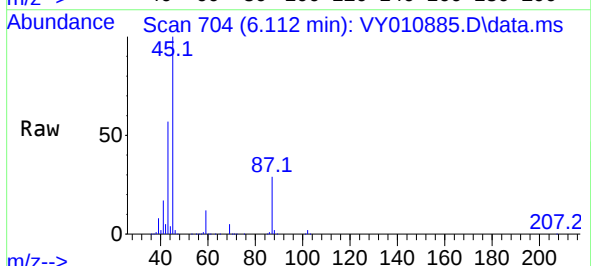


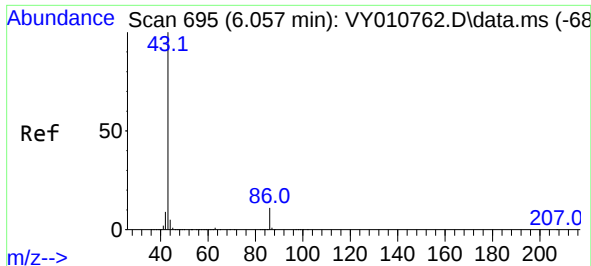
Tgt Ion: 96 Resp: 148589  
Ion Ratio Lower Upper  
96 100  
61 130.7 120.5 180.7  
98 66.2 49.8 74.8



#22  
Diisopropyl ether  
Concen: 53.429 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 45 Resp: 437139  
Ion Ratio Lower Upper  
45 100  
43 56.5 49.3 73.9  
87 28.8 19.2 28.8#  
59 11.9 8.4 12.6

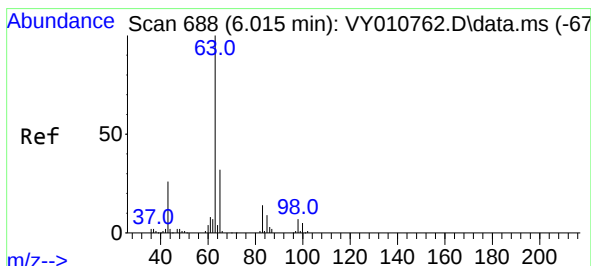
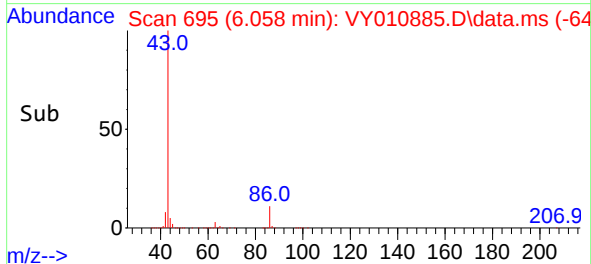
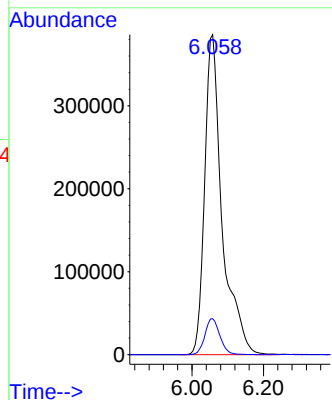
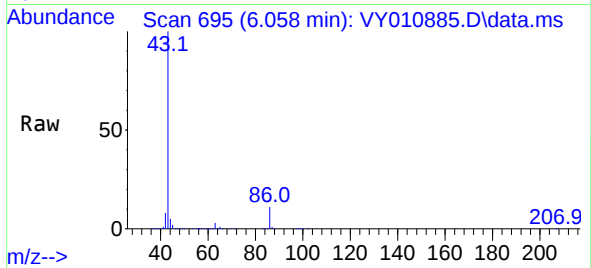




#23  
 Vinyl Acetate  
 Concen: 264.218 ug/l  
 RT: 6.058 min Scan# 61  
 Delta R.T. 0.001 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

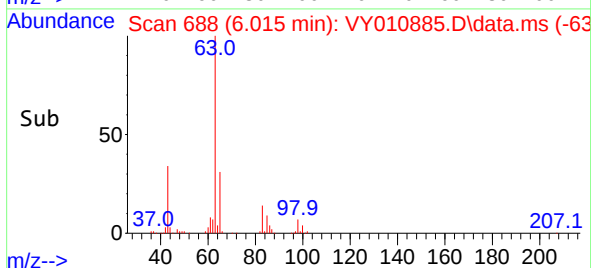
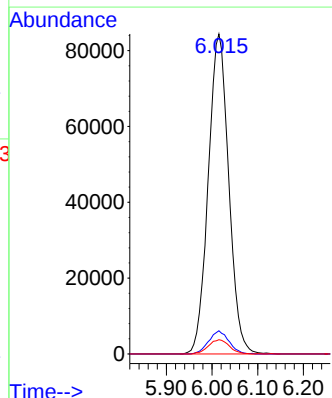
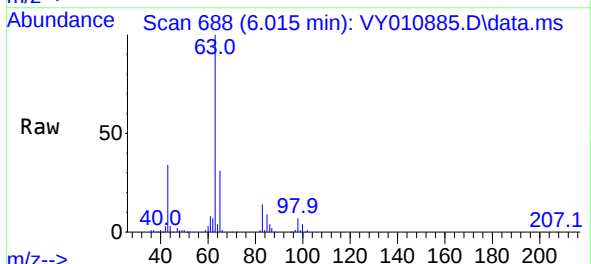
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

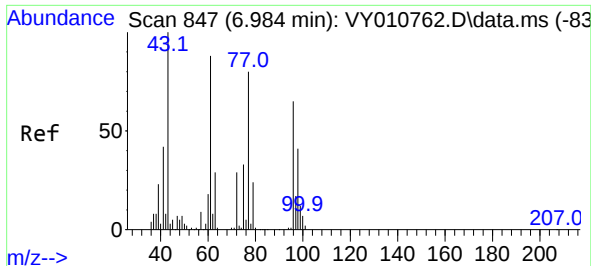
Tgt Ion: 43 Resp: 1309459  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 52.750 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

Tgt Ion: 63 Resp: 262822  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 261.391 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

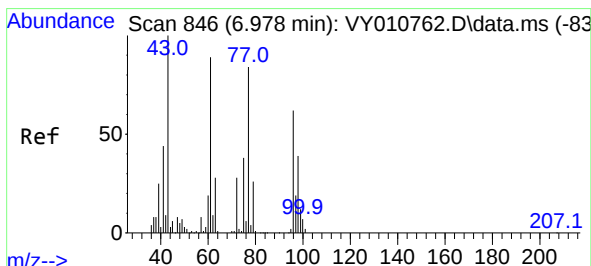
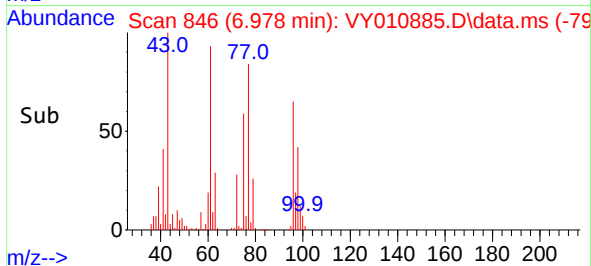
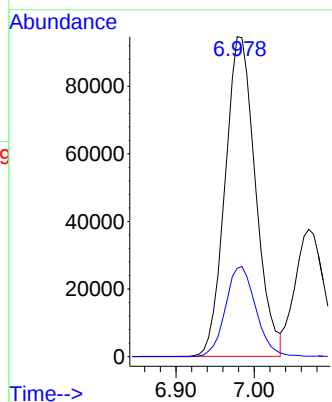
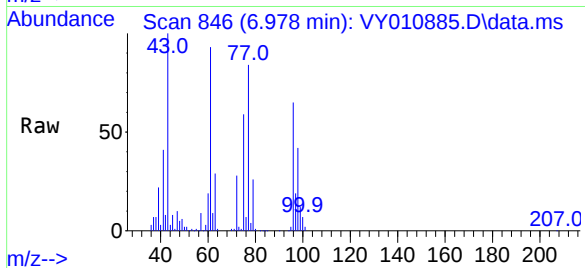
ClientSampleId :

Tgt Ion: 43 Resp: 255011

Ion Ratio Lower Upper

43 100

72 27.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 49.896 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010885.D

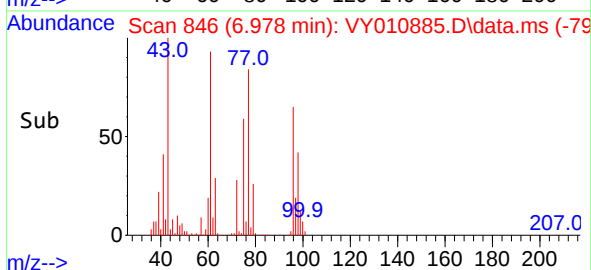
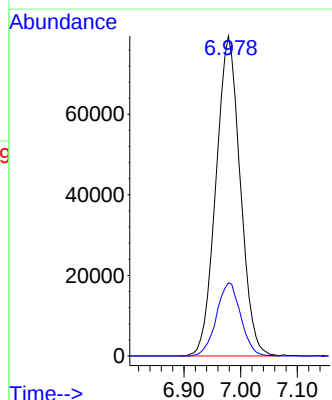
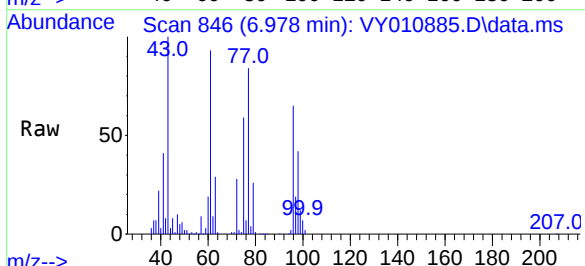
Acq: 10 Oct 2022 11:45

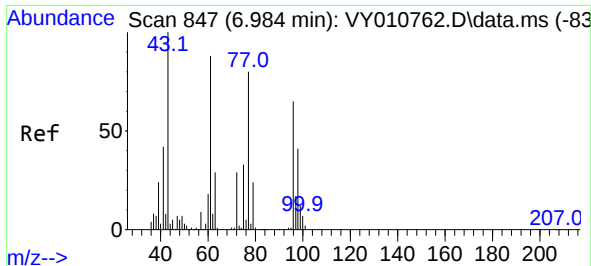
Tgt Ion: 77 Resp: 235978

Ion Ratio Lower Upper

77 100

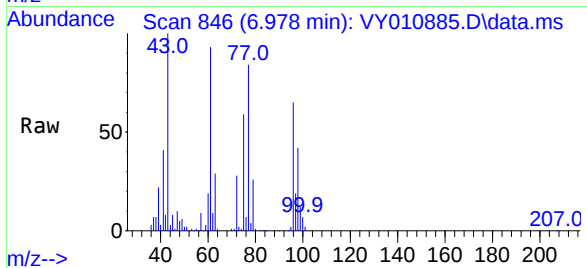
97 22.8 10.4 31.4



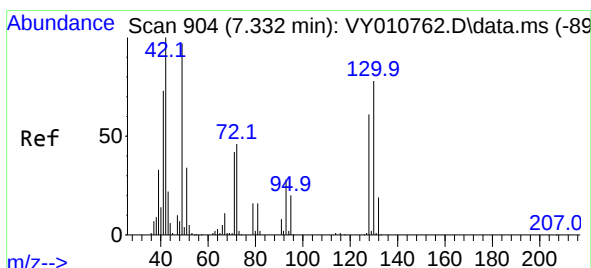
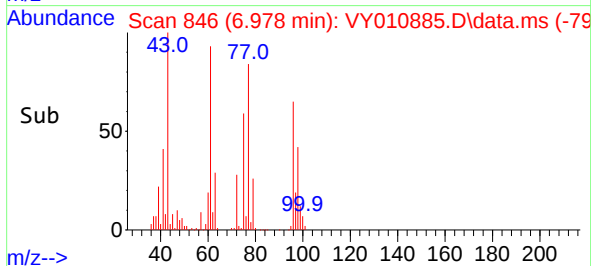
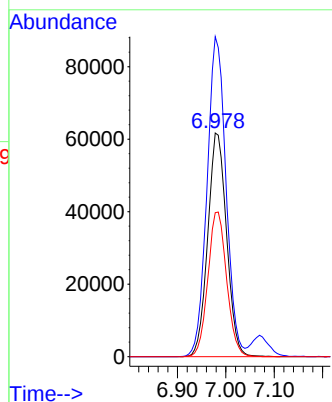


#27  
cis-1,2-Dichloroethene  
Concen: 51.660 ug/l  
RT: 6.978 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

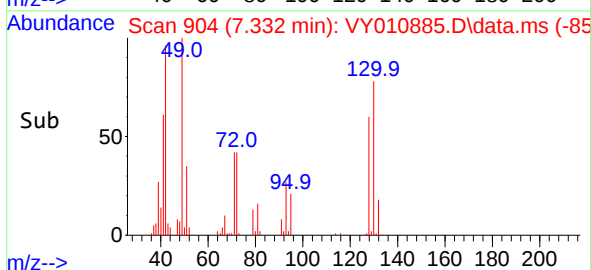
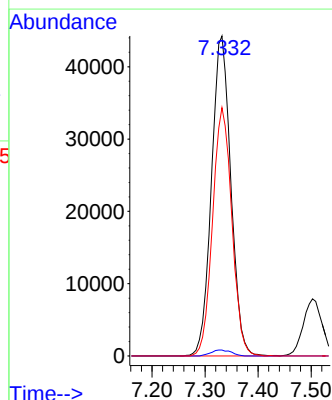
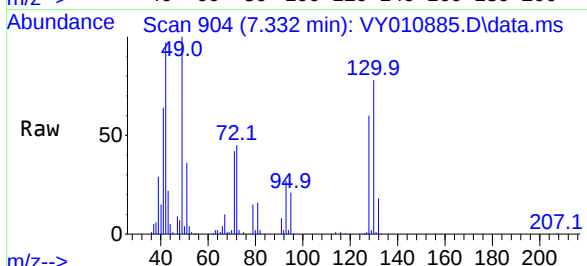


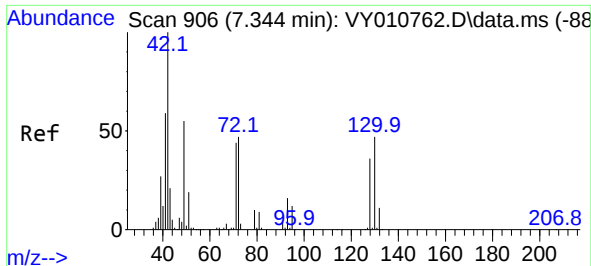
Tgt Ion: 96 Resp: 166835  
Ion Ratio Lower Upper  
96 100  
61 144.1 0.0 319.8  
98 64.5 0.0 127.0



#28  
Bromochloromethane  
Concen: 59.826 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 49 Resp: 112250  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 2.2  
130 77.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 255.545 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

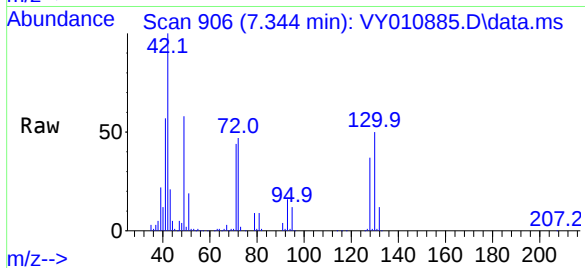
Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

ClientSampleId :



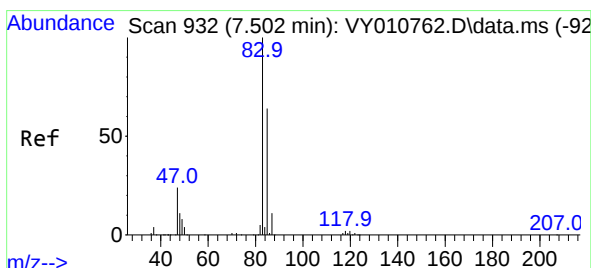
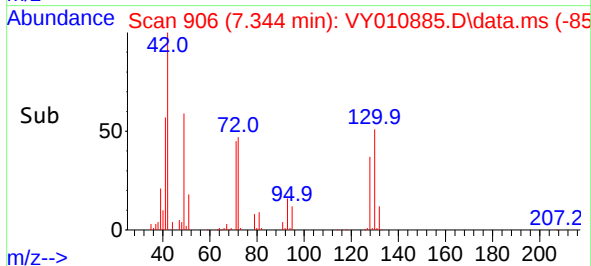
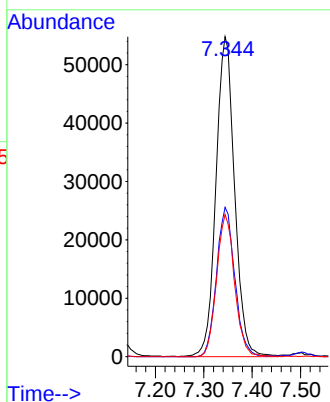
Tgt Ion: 42 Resp: 146607

Ion Ratio Lower Upper

42 100

72 45.9 30.3 45.5#

71 42.9 29.0 43.4



#30

Chloroform

Concen: 50.520 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010885.D

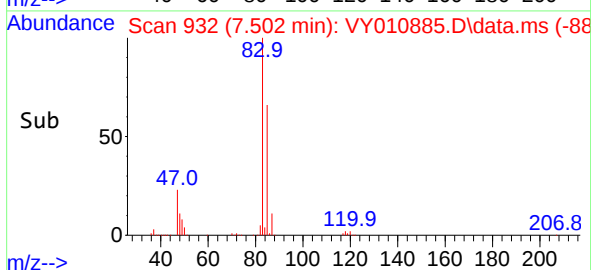
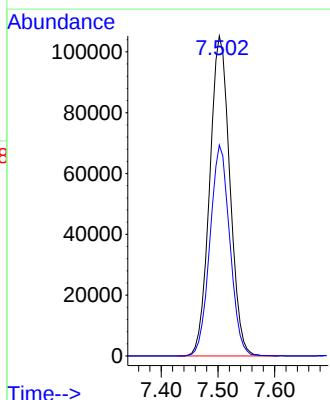
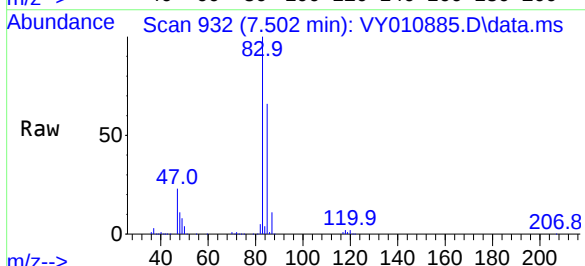
Acq: 10 Oct 2022 11:45

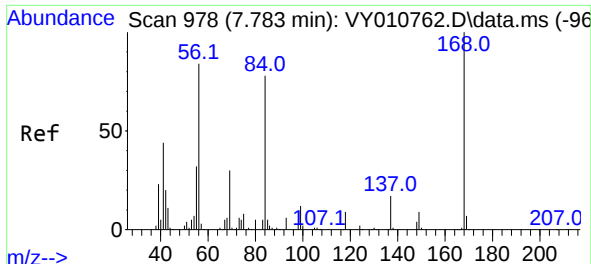
Tgt Ion: 83 Resp: 259768

Ion Ratio Lower Upper

83 100

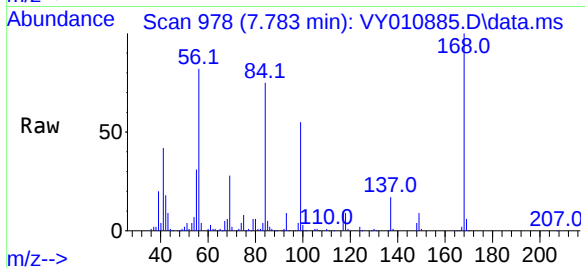
85 65.9 51.8 77.6



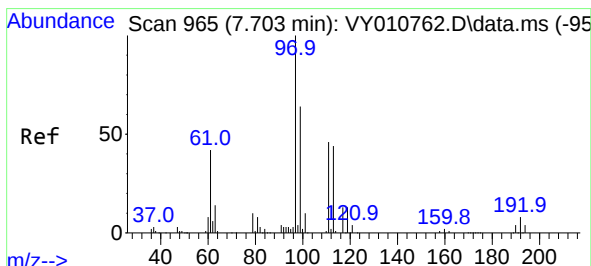
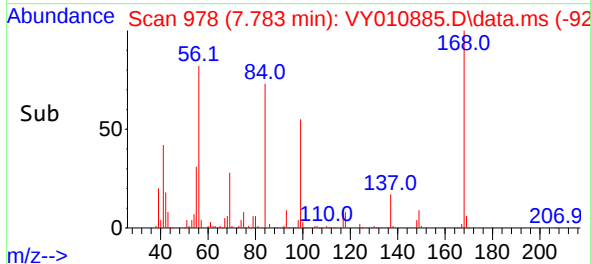
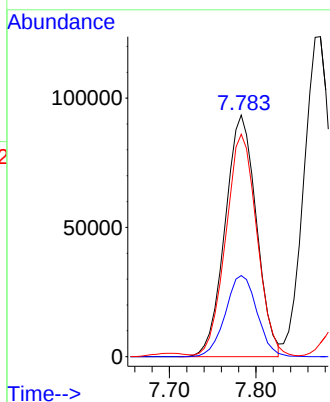


#31  
Cyclohexane  
Concen: 49.029 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

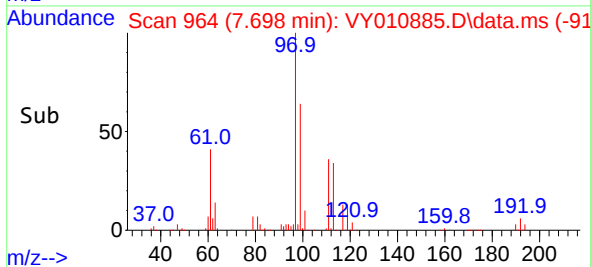
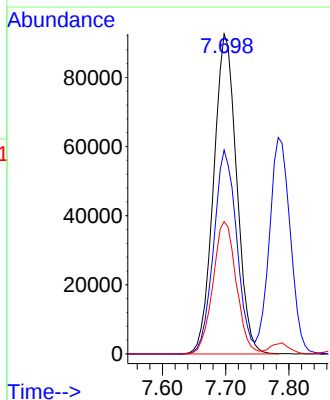
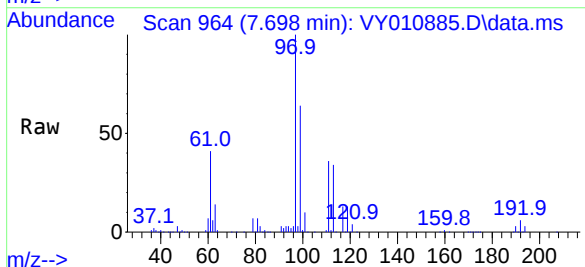


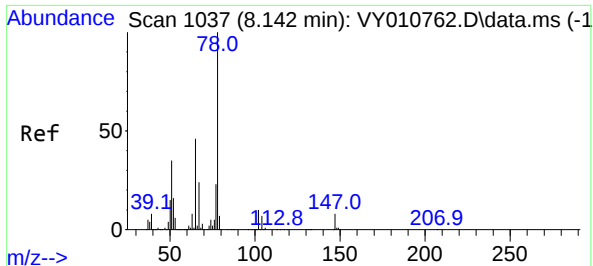
Tgt Ion: 56 Resp: 234479  
Ion Ratio Lower Upper  
56 100  
69 33.3 26.7 40.1  
84 90.8 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 50.527 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.005 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 97 Resp: 234044  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.7 76.1  
61 41.8 37.6 56.4

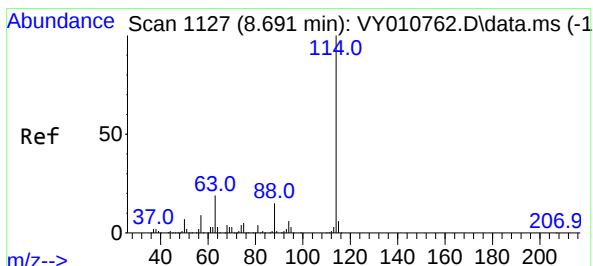
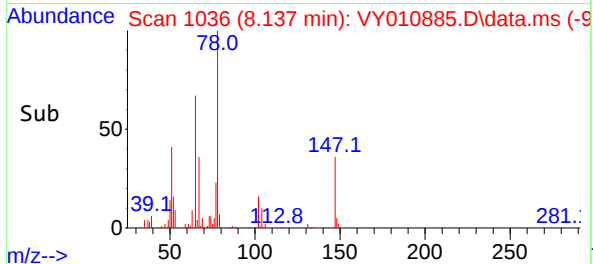
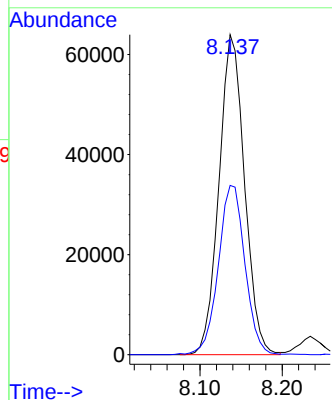
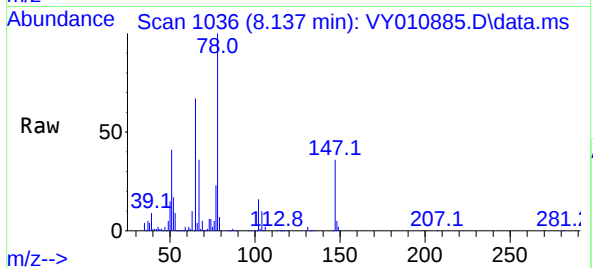




#33  
1,2-Dichloroethane-d4  
Concen: 51.760 ug/l  
RT: 8.137 min Scan# 1036  
Delta R.T. -0.005 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

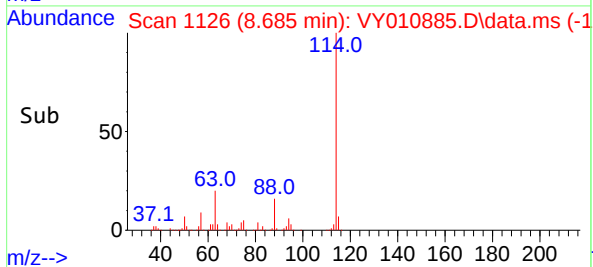
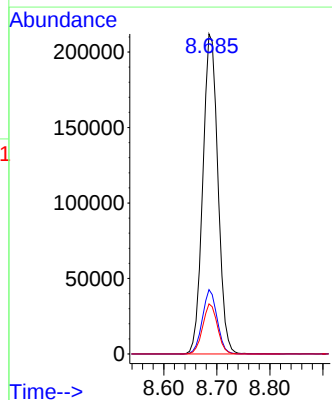
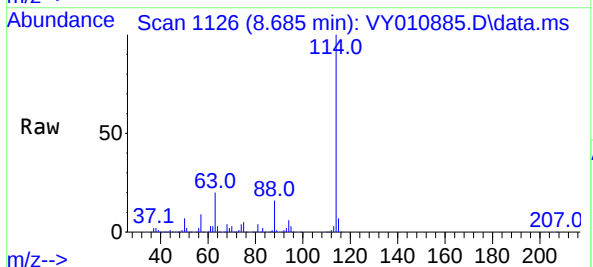
Instrument :  
MSVOA\_Y  
ClientSampleId :

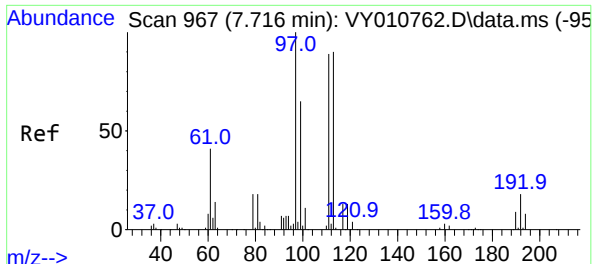
Tgt Ion: 65 Resp: 138296  
Ion Ratio Lower Upper  
65 100  
67 55.2 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

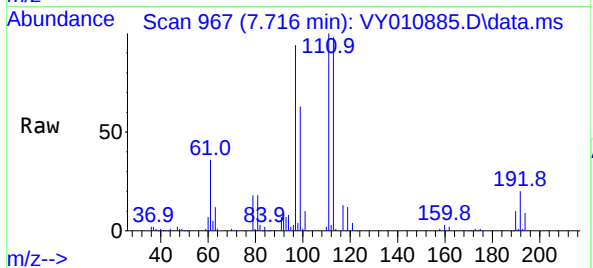
Tgt Ion:114 Resp: 418801  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 43.2  
88 15.6 0.0 31.8



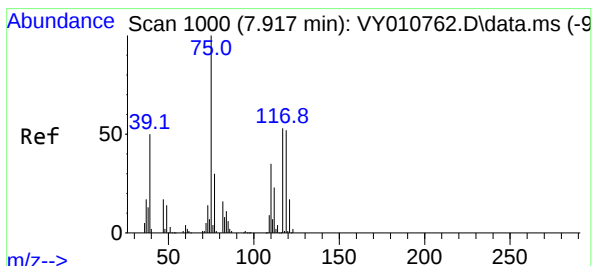
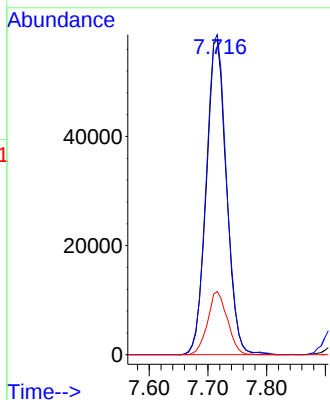
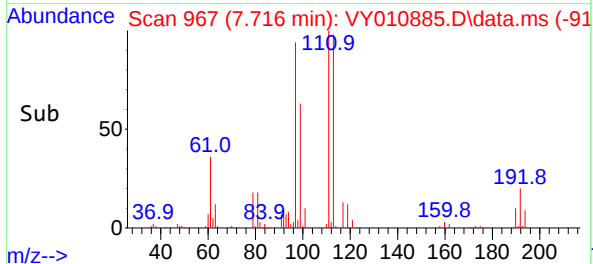


#35  
Dibromofluoromethane  
Concen: 49.383 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

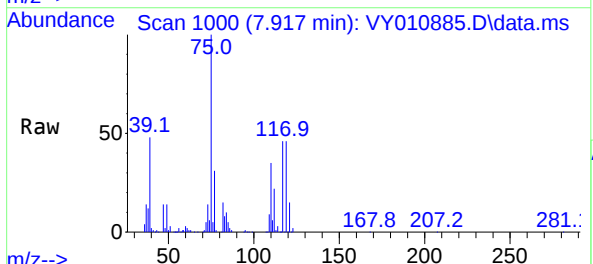
Instrument :  
MSVOA\_Y  
ClientSampleId :



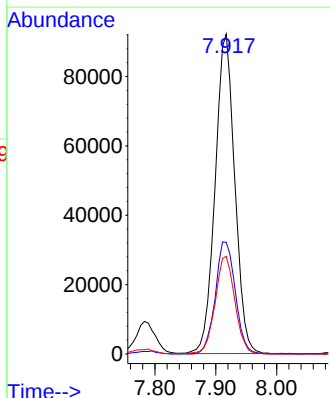
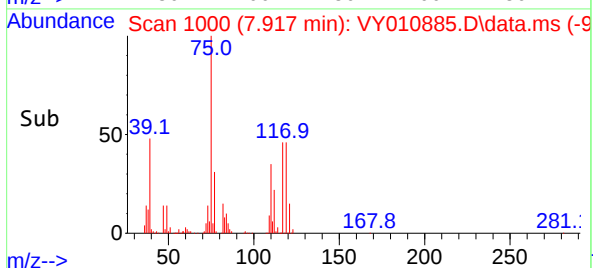
Tgt Ion:113 Resp: 137285  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.6 124.0  
192 19.7 17.6 26.4

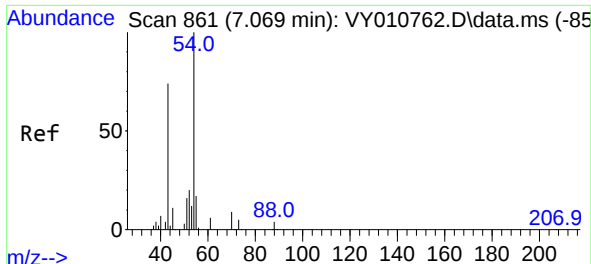


#36  
1,1-Dichloropropene  
Concen: 51.352 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45



Tgt Ion: 75 Resp: 206090  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.1 51.2  
77 30.8 24.4 36.6

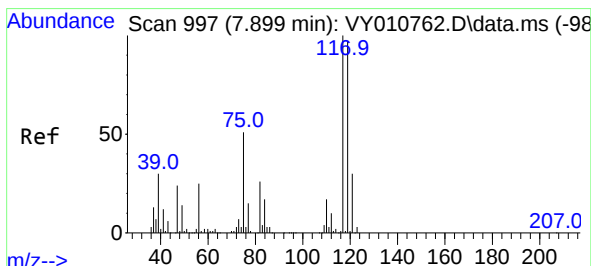
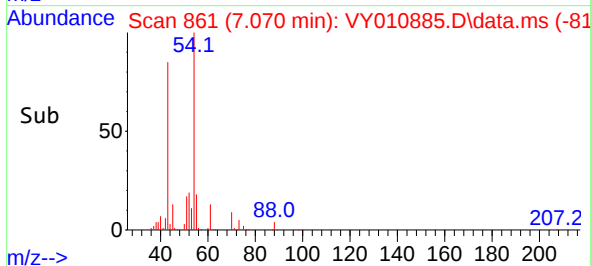
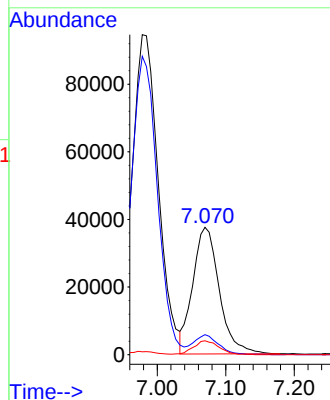
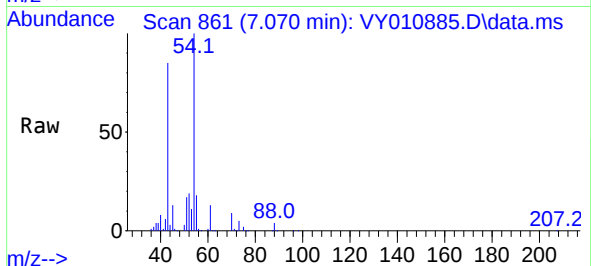




#37  
Ethyl Acetate  
Concen: 51.238 ug/l  
RT: 7.070 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

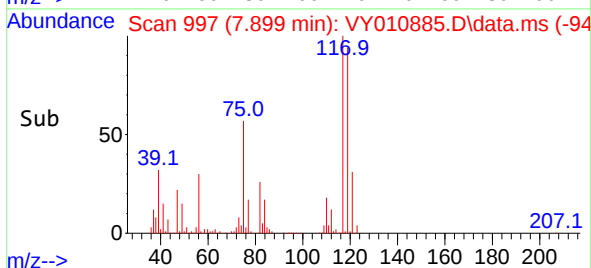
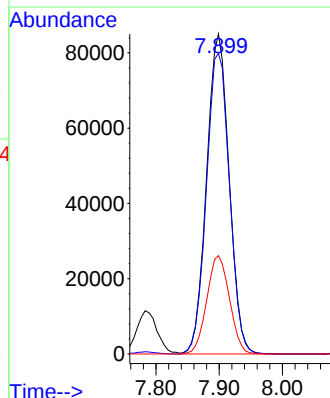
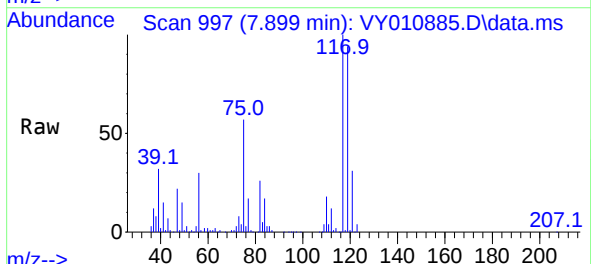
Instrument :  
MSVOA\_Y  
ClientSampleId :

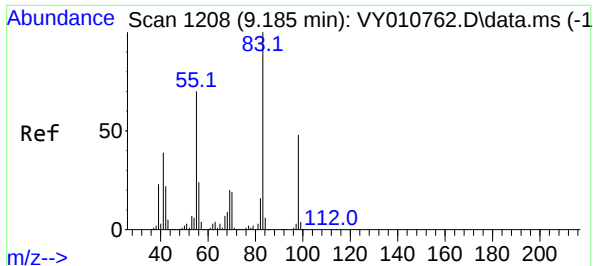
Tgt Ion: 43 Resp: 100907  
Ion Ratio Lower Upper  
43 100  
61 14.3 9.7 14.5  
70 10.7 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 50.422 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 117 Resp: 210765  
Ion Ratio Lower Upper  
117 100  
119 93.9 77.9 116.9  
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 51.488 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

ClientSampleId :

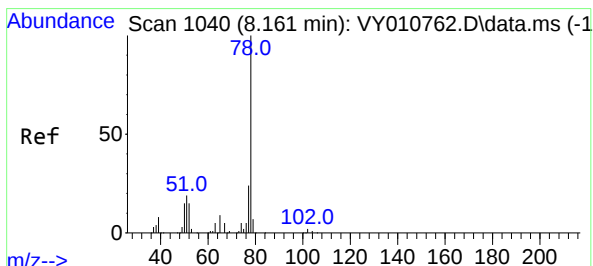
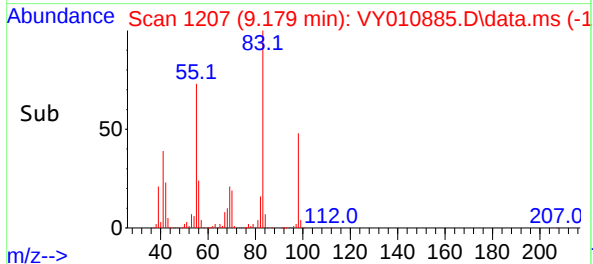
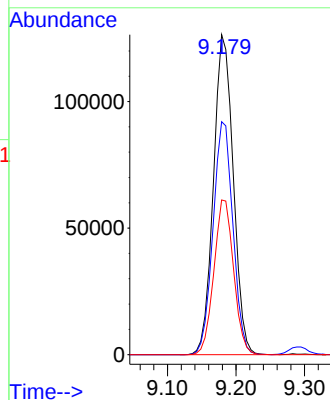
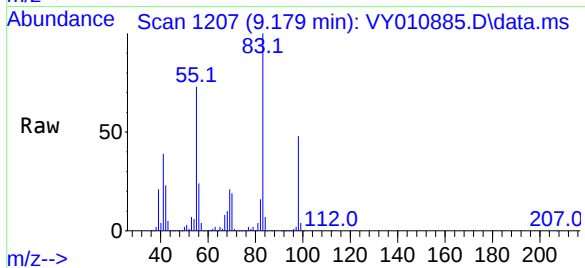
Tgt Ion: 83 Resp: 253816

Ion Ratio Lower Upper

83 100

55 72.8 66.5 99.7

98 48.4 37.9 56.9



#40

Benzene

Concen: 51.882 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY010885.D

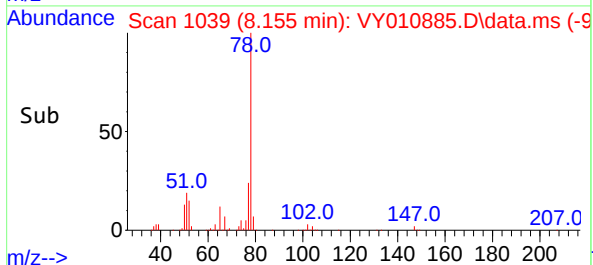
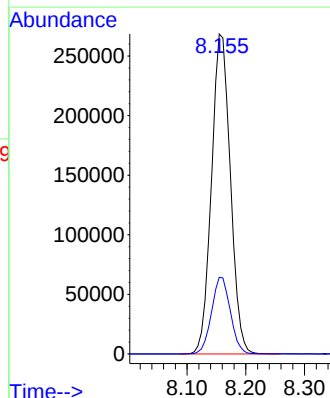
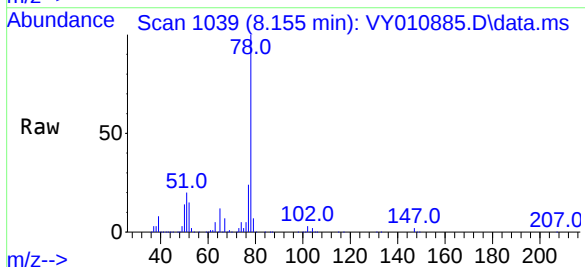
Acq: 10 Oct 2022 11:45

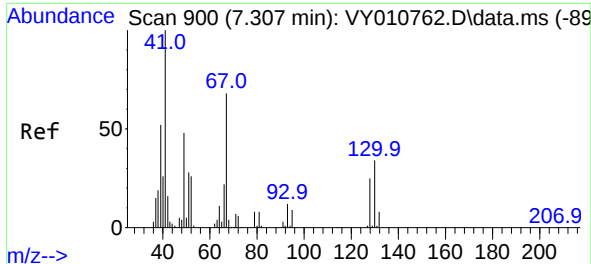
Tgt Ion: 78 Resp: 599793

Ion Ratio Lower Upper

78 100

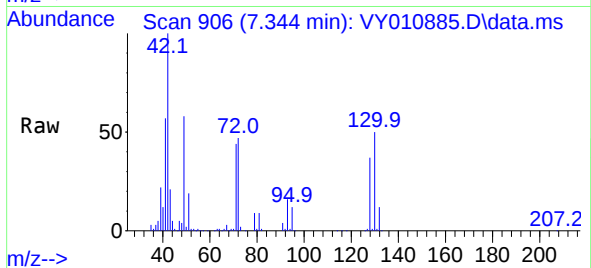
77 23.9 20.4 30.6



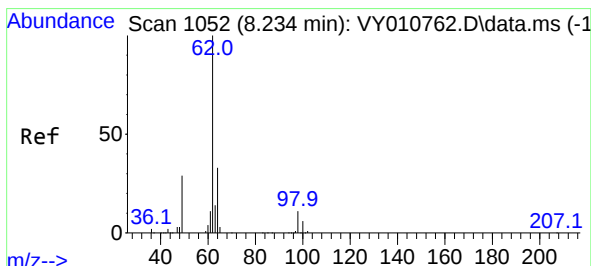
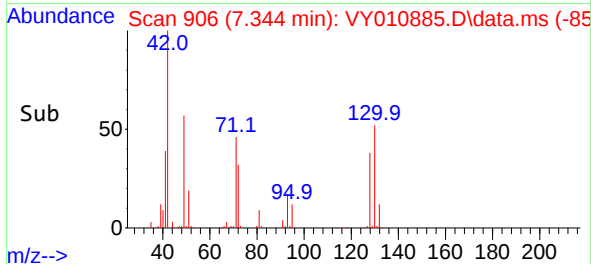
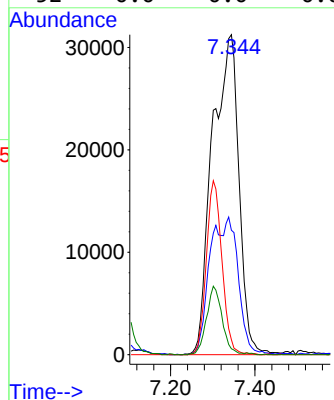


#41  
Methacrylonitrile  
Concen: 114.824 ug/l  
RT: 7.344 min Scan# 900  
Delta R.T. 0.037 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

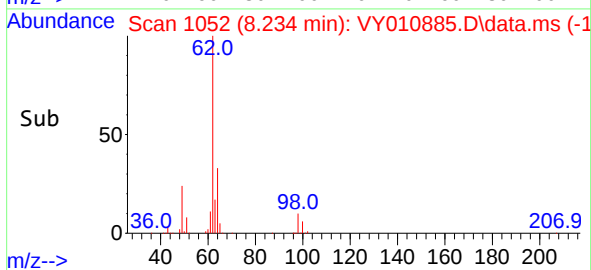
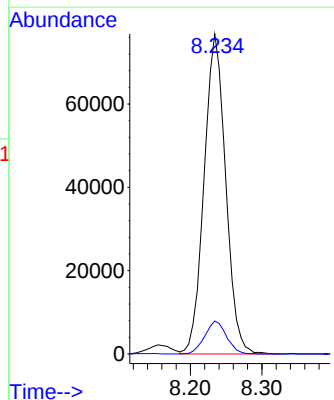
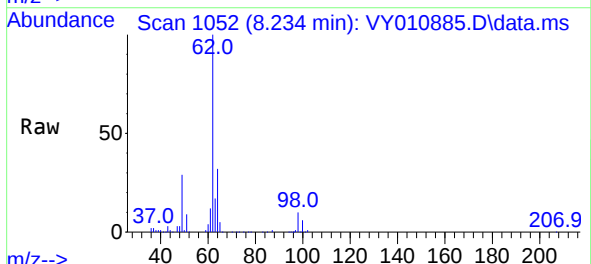


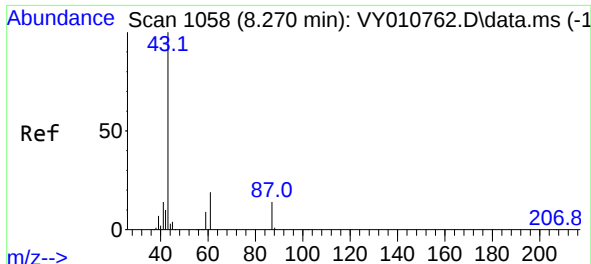
Tgt Ion: 41 Resp: 136523  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.340 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 62 Resp: 161261  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 14.8





#43

Isopropyl Acetate

Concen: 50.532 ug/l

RT: 8.271 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

ClientSampleId :

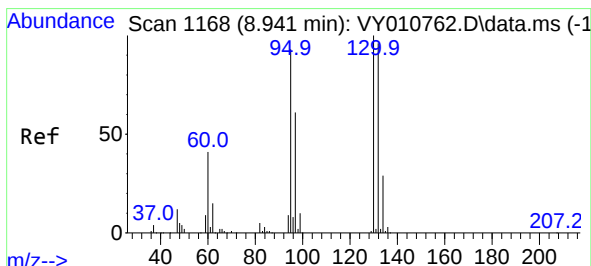
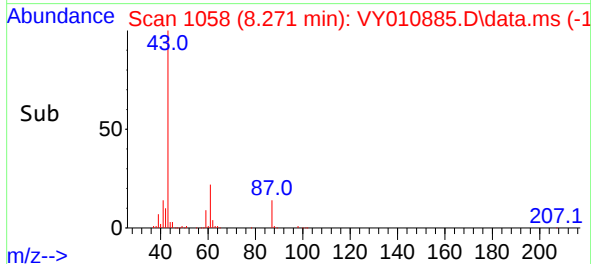
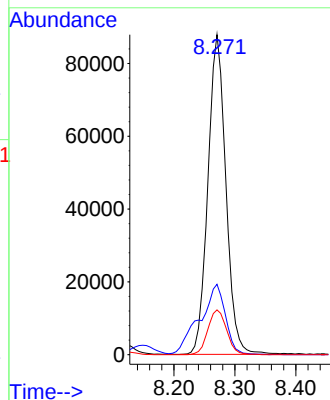
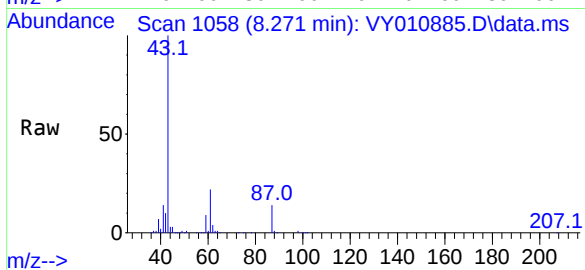
Tgt Ion: 43 Resp: 180117

Ion Ratio Lower Upper

43 100

61 31.7 20.2 30.2#

87 14.6 8.9 13.3#



#44

Trichloroethene

Concen: 50.865 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY010885.D

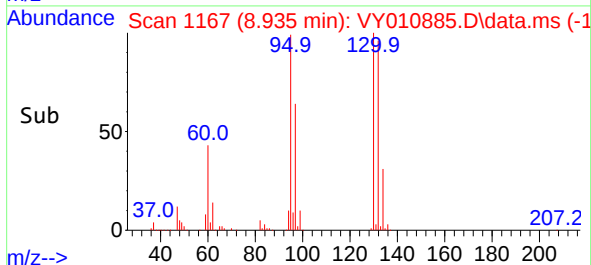
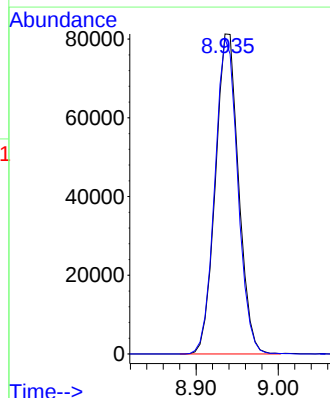
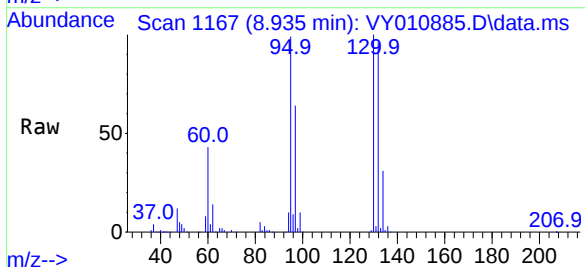
Acq: 10 Oct 2022 11:45

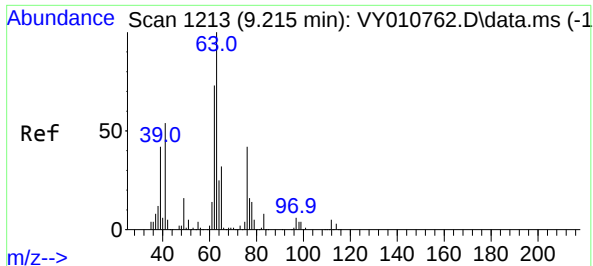
Tgt Ion:130 Resp: 159220

Ion Ratio Lower Upper

130 100

95 98.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.966 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

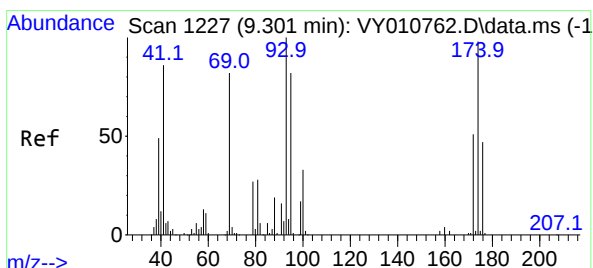
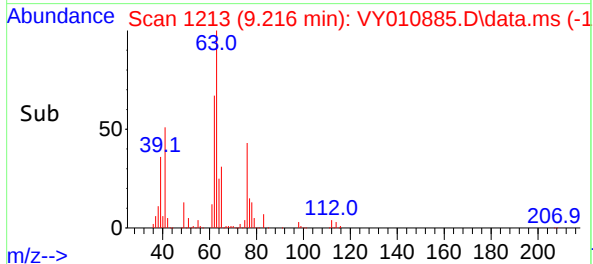
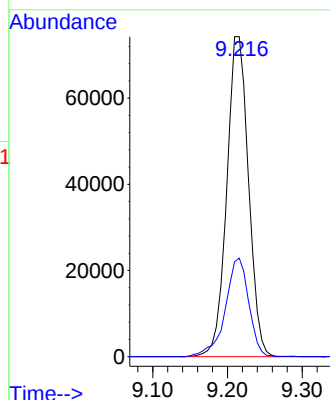
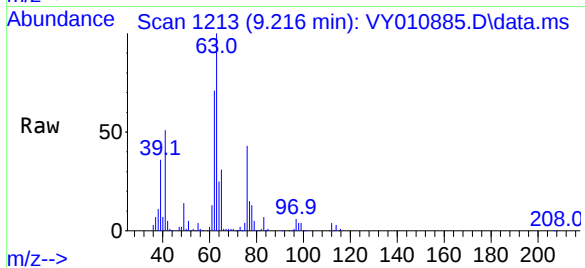
ClientSampleId :

Tgt Ion: 63 Resp: 150404

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 50.517 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

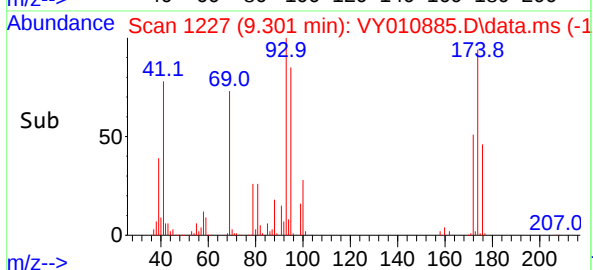
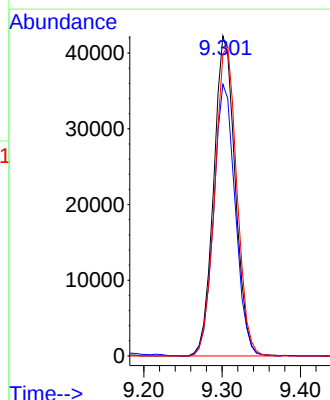
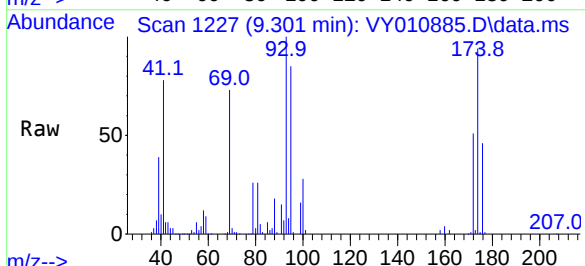
Tgt Ion: 93 Resp: 80531

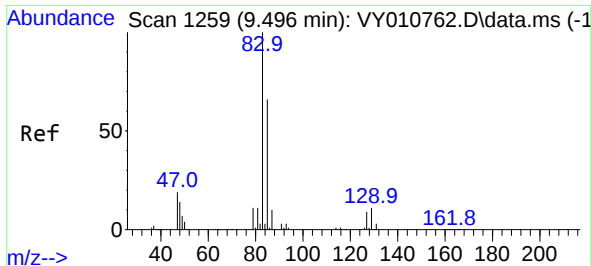
Ion Ratio Lower Upper

93 100

95 85.1 64.3 96.5

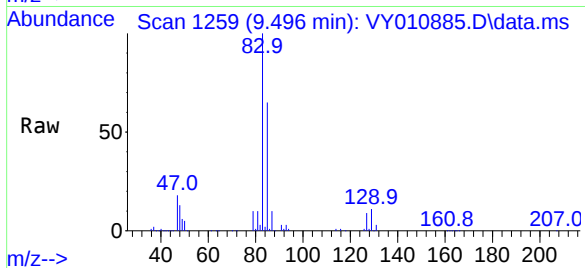
174 99.0 83.4 125.0



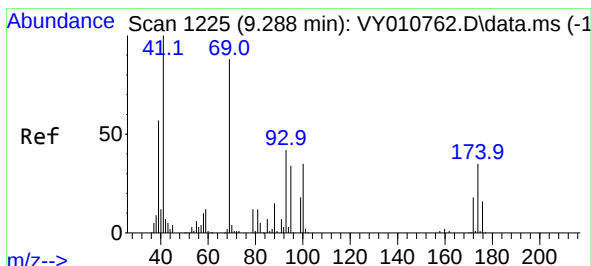
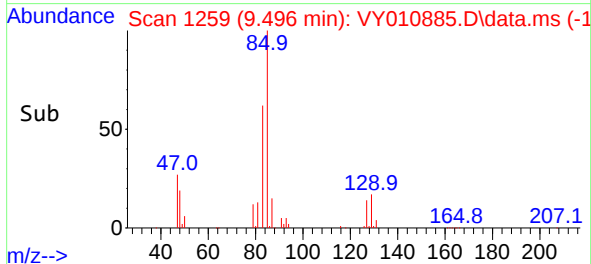
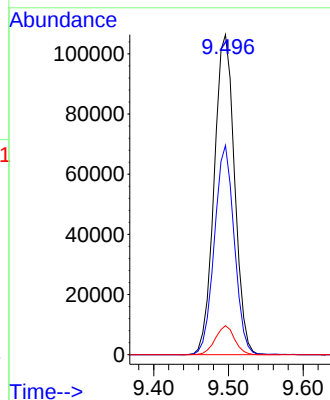


#47  
Bromodichloromethane  
Concen: 52.377 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

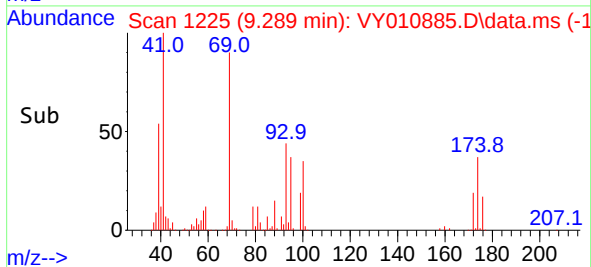
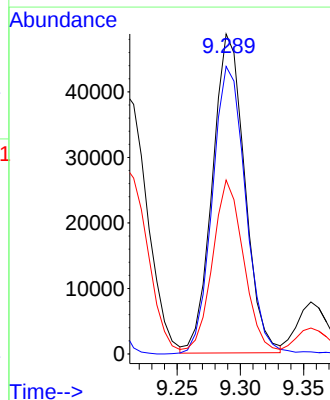
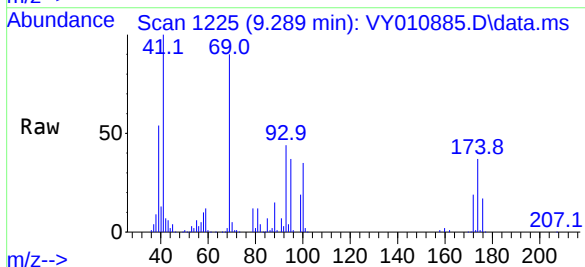


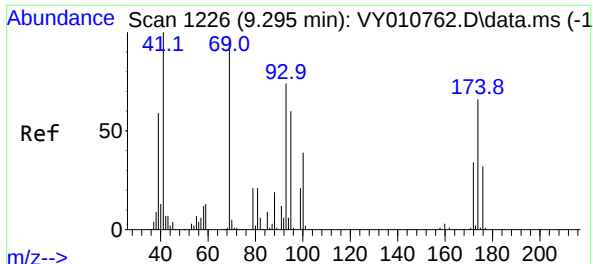
Tgt Ion: 83 Resp: 201499  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.9 77.9  
127 9.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 51.675 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 41 Resp: 86512  
Ion Ratio Lower Upper  
41 100  
69 93.4 58.2 87.2#  
39 50.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1021.420 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010885.D

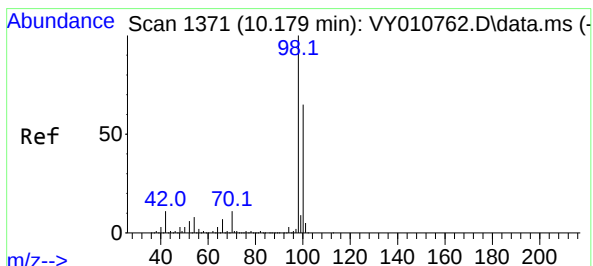
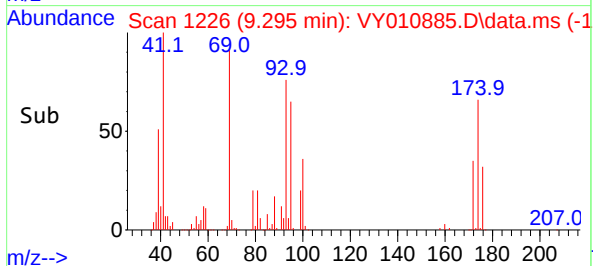
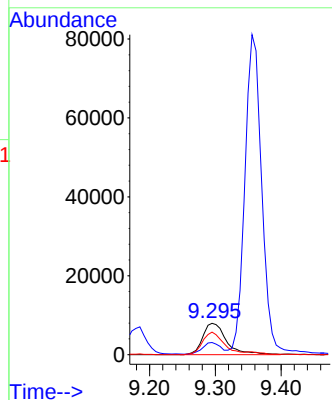
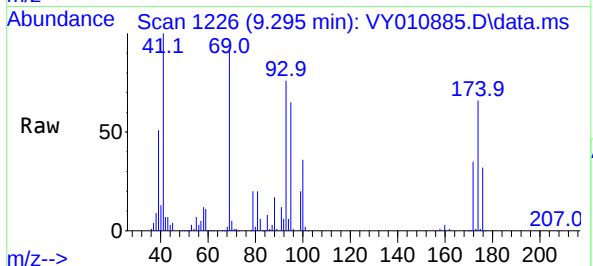
Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 20044 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.6  | 32.8  | 49.2# |
| 58       | 64.3  | 59.8  | 89.6  |



#50

Toluene-d8

Concen: 56.102 ug/l

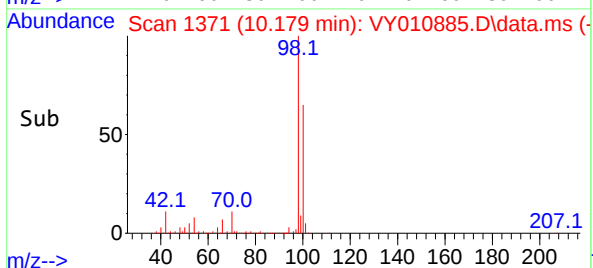
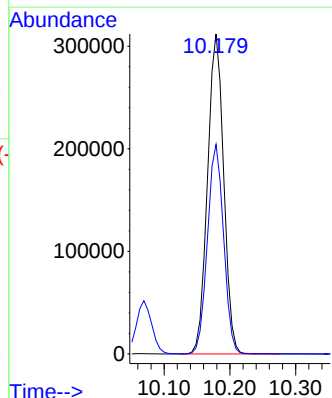
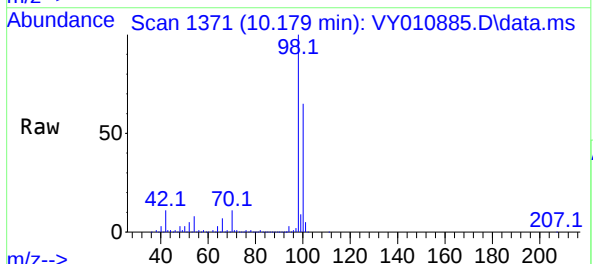
RT: 10.179 min Scan# 1371

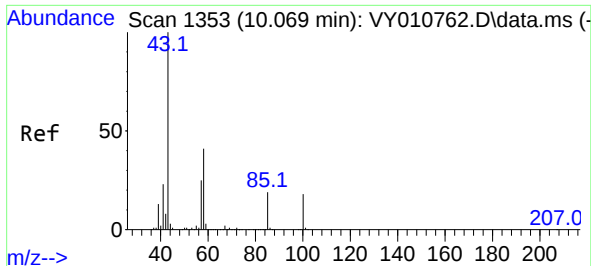
Delta R.T. -0.000 min

Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 533387 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.5  | 50.2  | 75.2   |

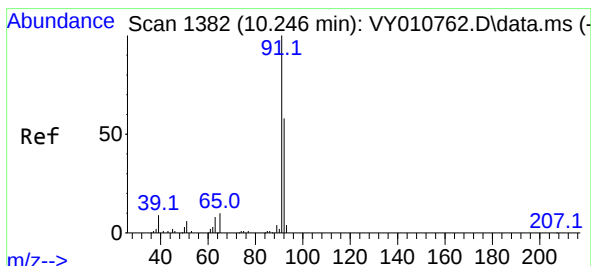
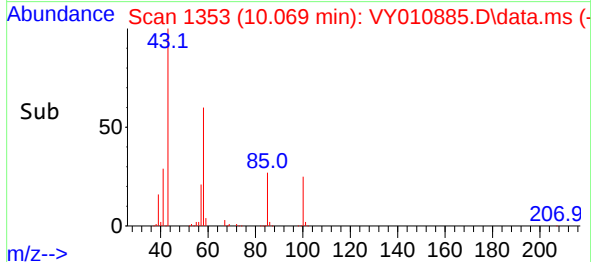
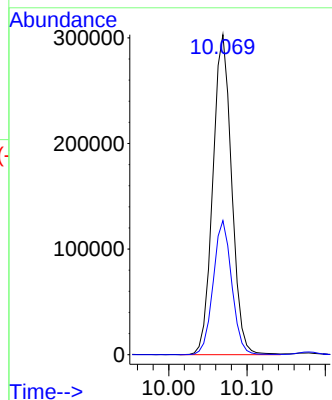
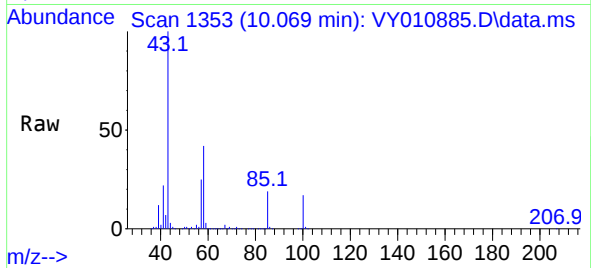




#51  
4-Methyl-2-Pentanone  
Concen: 259.004 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

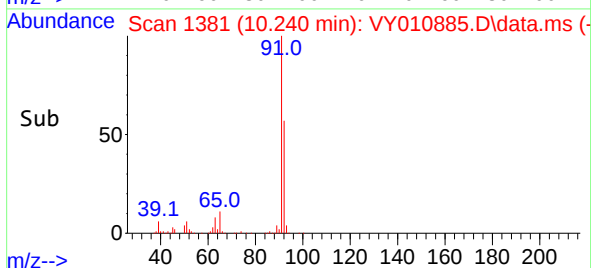
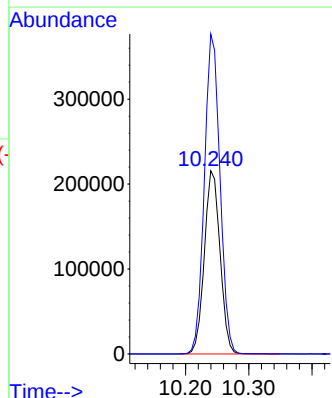
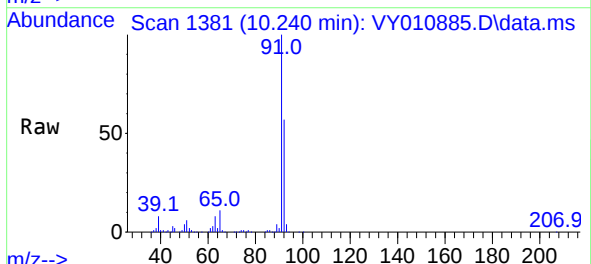
Instrument :  
MSVOA\_Y  
ClientSampleId :

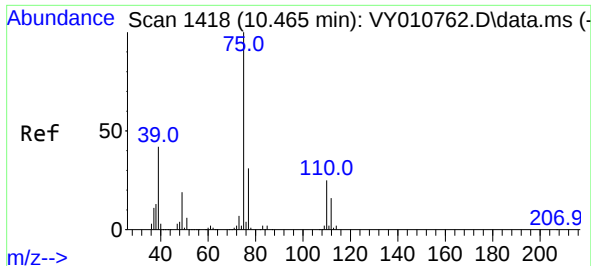
Tgt Ion: 43 Resp: 505086  
Ion Ratio Lower Upper  
43 100  
58 41.3 28.1 42.1



#52  
Toluene  
Concen: 50.631 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 92 Resp: 372522  
Ion Ratio Lower Upper  
92 100  
91 174.0 142.6 213.8

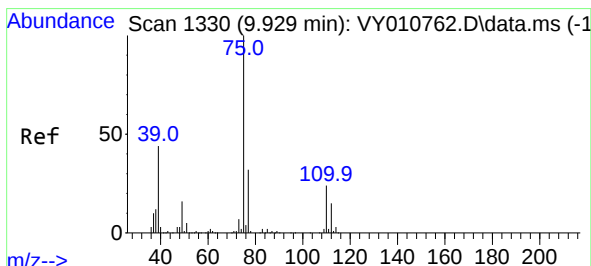
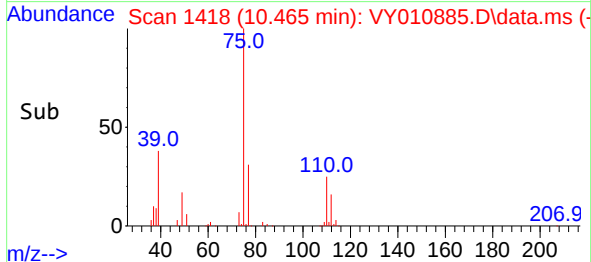
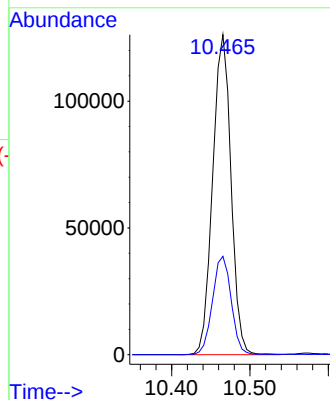
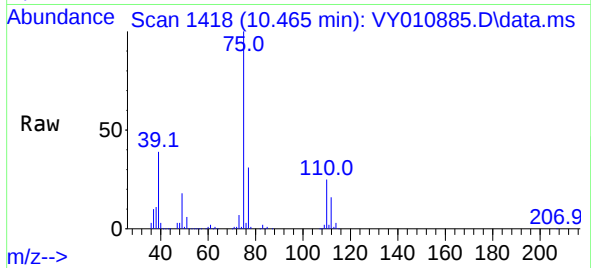




#53  
t-1,3-Dichloropropene  
Concen: 51.476 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

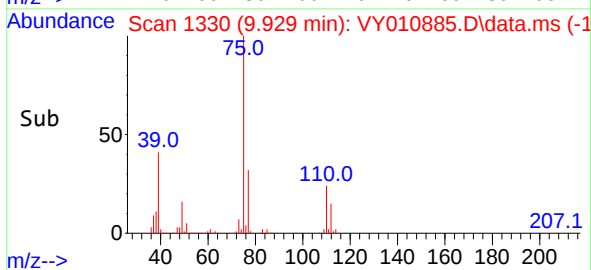
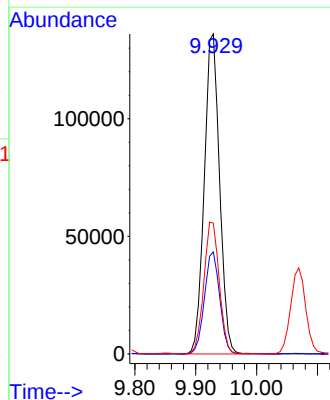
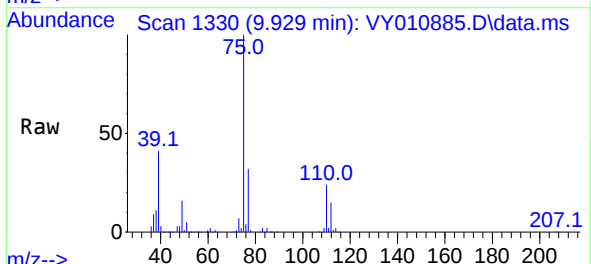
Instrument :  
MSVOA\_Y  
ClientSampleId :

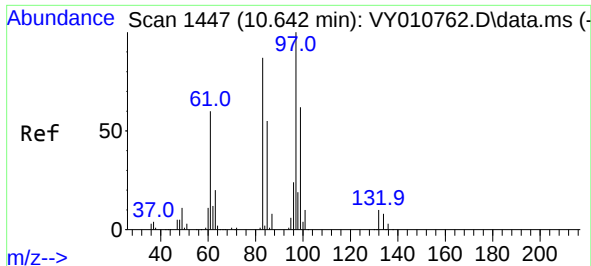
Tgt Ion: 75 Resp: 205031  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 52.185 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

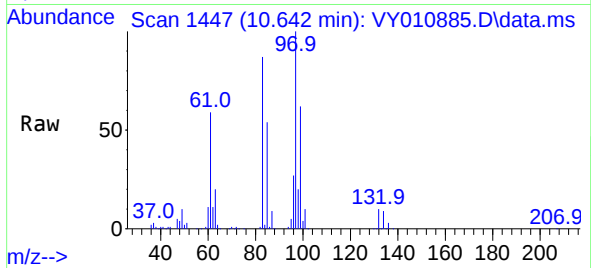
Tgt Ion: 75 Resp: 238023  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4  
39 40.7 47.6 71.4#





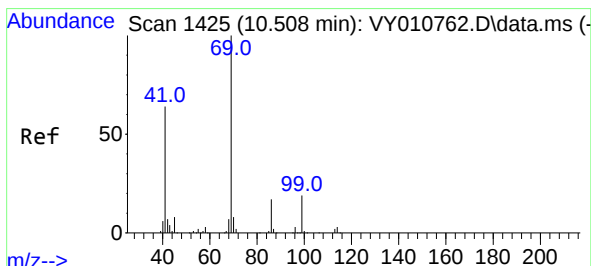
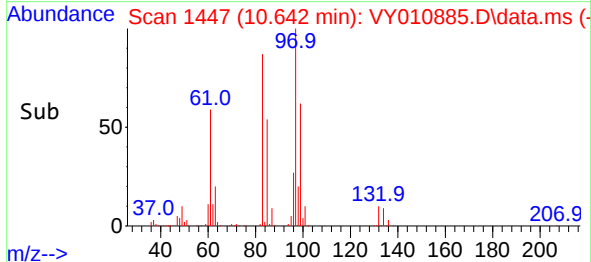
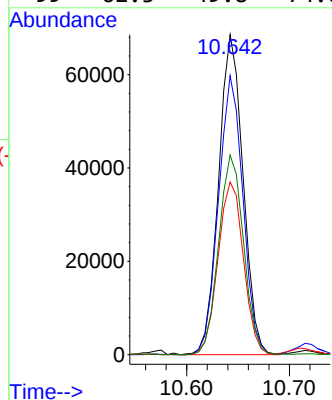
#55  
1,1,2-Trichloroethane  
Concen: 50.659 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 113315

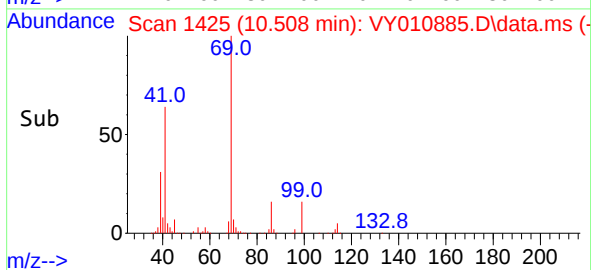
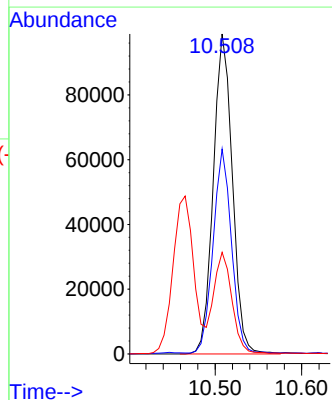
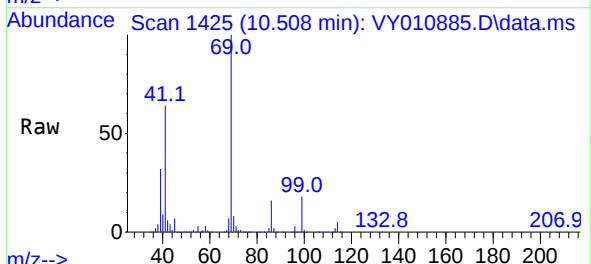
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.2  | 69.8  | 104.8 |
| 85  | 53.9  | 44.3  | 66.5  |
| 99  | 62.3  | 49.8  | 74.6  |

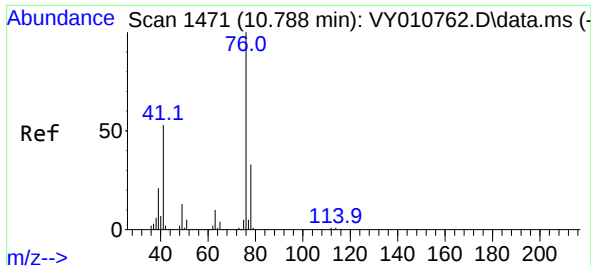


#56  
Ethyl methacrylate  
Concen: 52.670 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 69 Resp: 151375

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.7  | 63.4  | 95.0# |
| 39  | 29.6  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 52.256 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010885.D

Acq: 10 Oct 2022 11:45

Instrument :

MSVOA\_Y

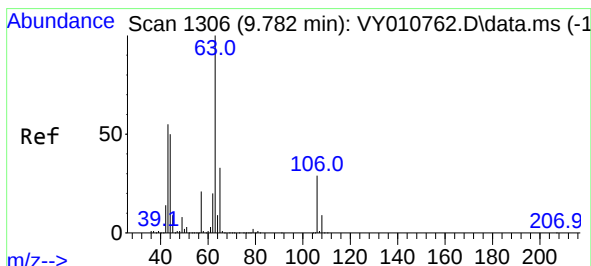
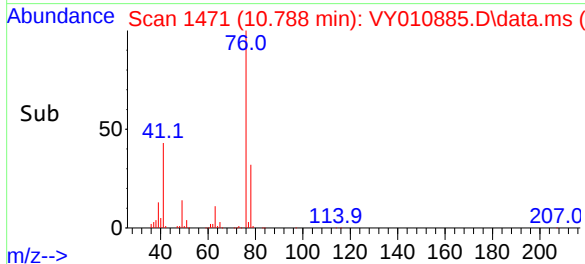
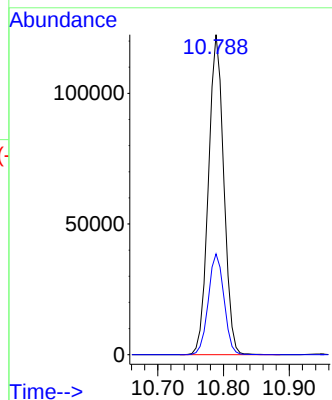
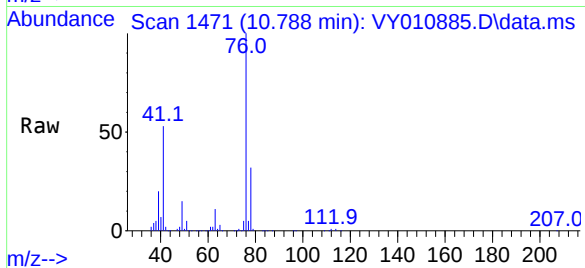
ClientSampleId :

Tgt Ion: 76 Resp: 198728

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 267.906 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY010885.D

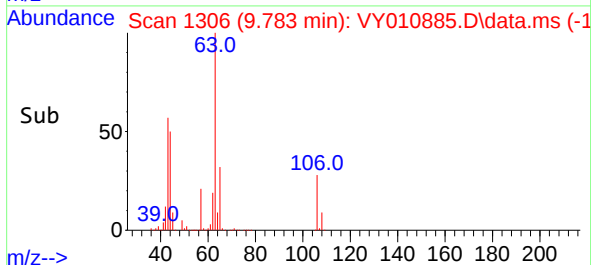
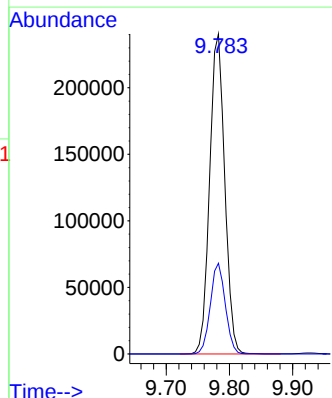
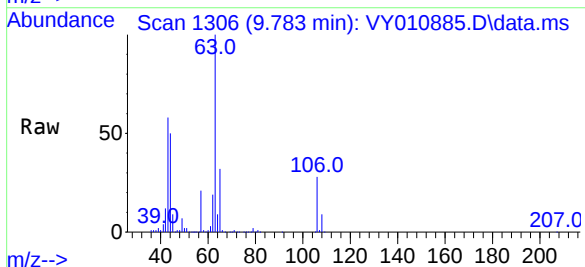
Acq: 10 Oct 2022 11:45

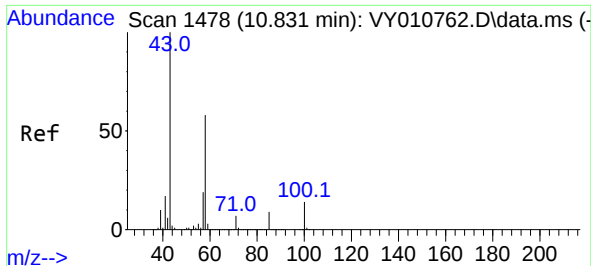
Tgt Ion: 63 Resp: 398954

Ion Ratio Lower Upper

63 100

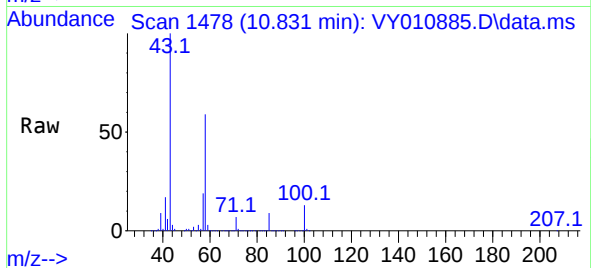
106 28.0 21.5 32.3



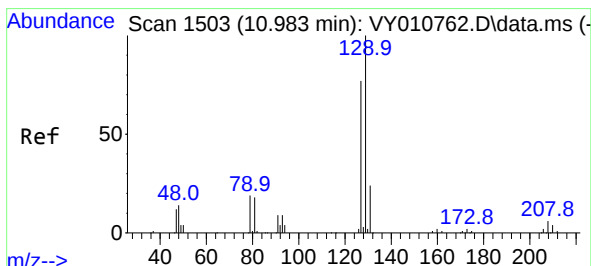
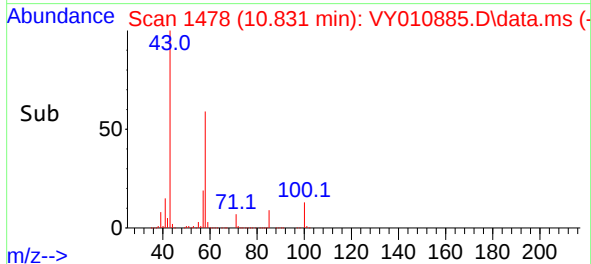
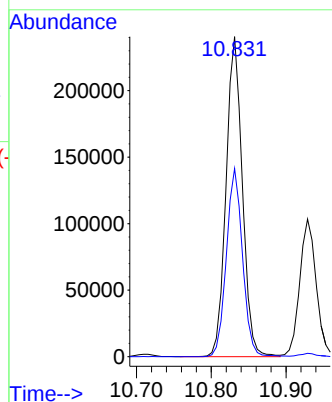


#59  
2-Hexanone  
Concen: 270.612 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

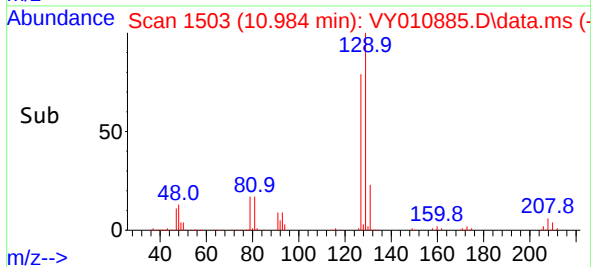
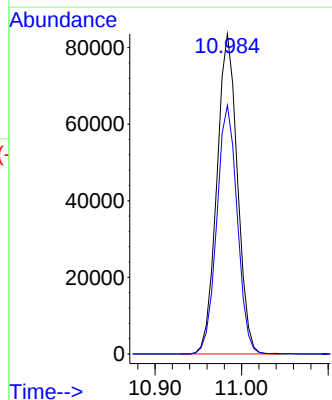
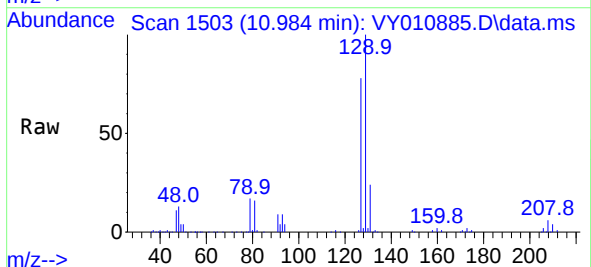


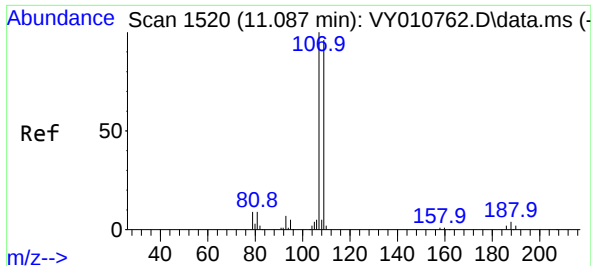
Tgt Ion: 43 Resp: 365497  
Ion Ratio Lower Upper  
43 100  
58 58.3 24.4 73.4



#60  
Dibromochloromethane  
Concen: 51.366 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:129 Resp: 137758  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.7 116.1

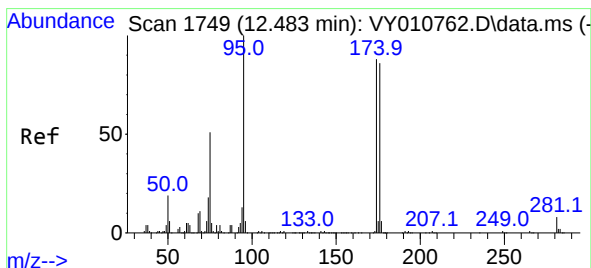
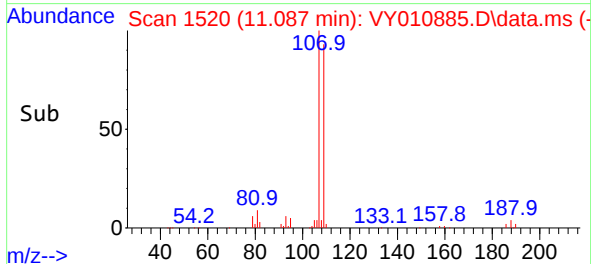
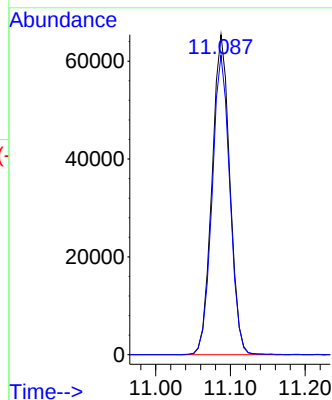
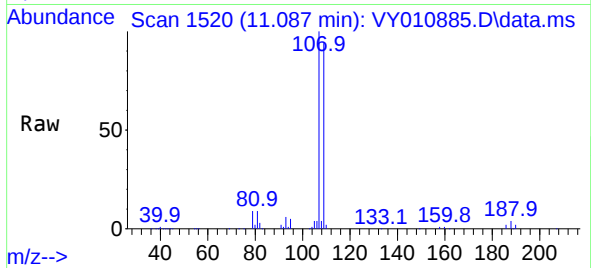




#61  
1,2-Dibromoethane  
Concen: 50.766 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

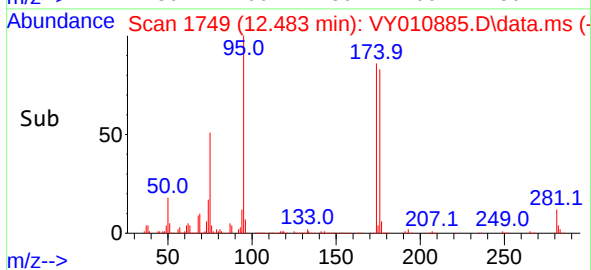
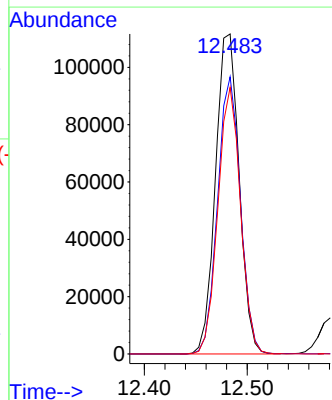
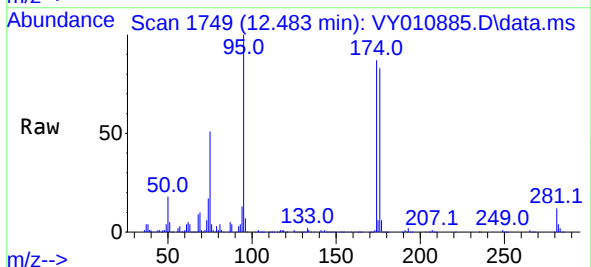
Instrument :  
MSVOA\_Y  
ClientSampleId :

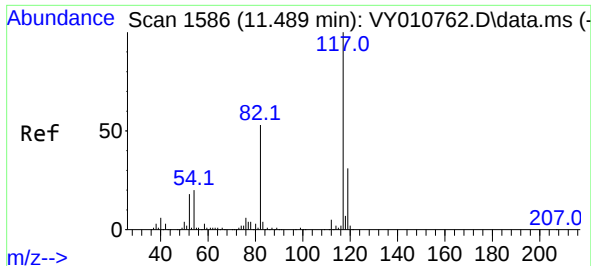
Tgt Ion:107 Resp: 108272  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 47.706 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

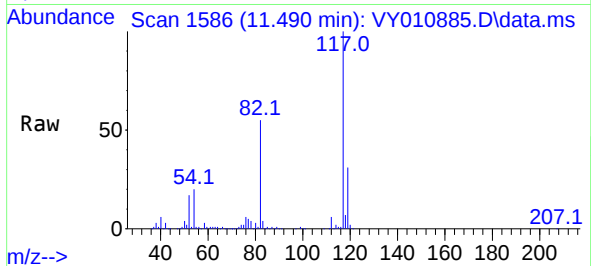
Tgt Ion: 95 Resp: 177825  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 177.0  
176 79.7 0.0 175.8



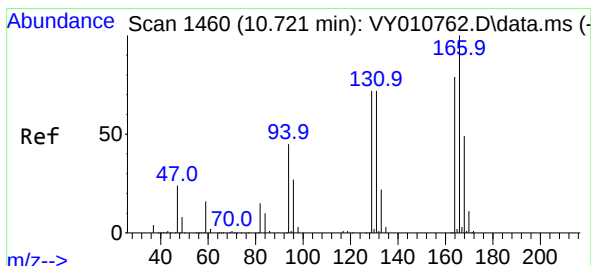
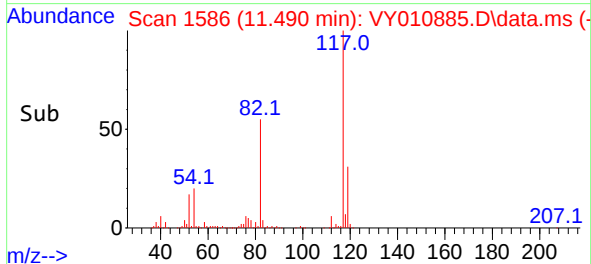
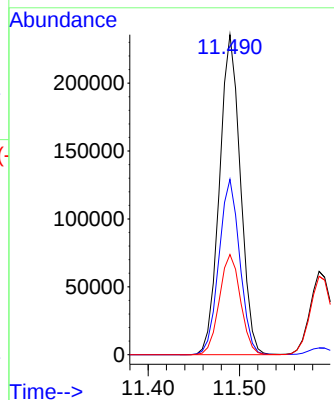


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

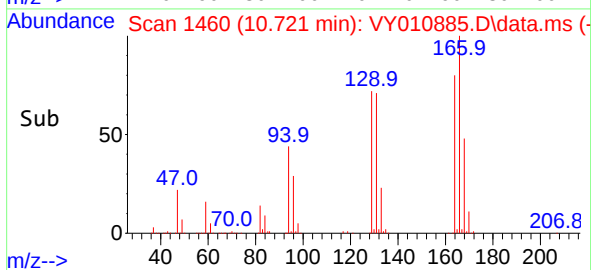
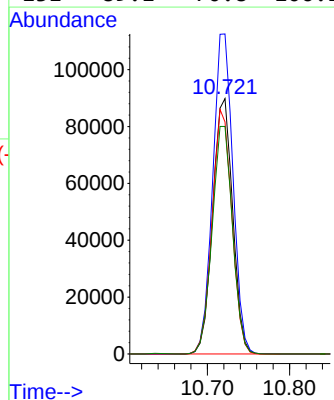
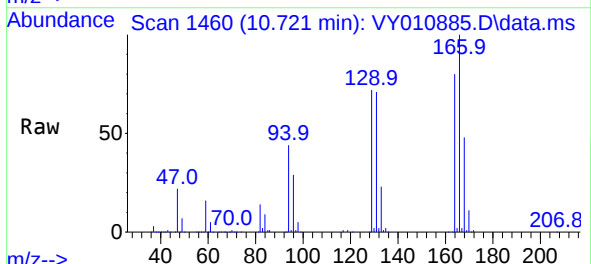


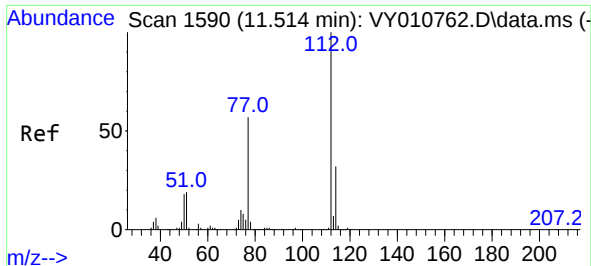
Tgt Ion:117 Resp: 374254  
Ion Ratio Lower Upper  
117 100  
82 54.8 43.0 64.4  
119 31.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 51.173 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:164 Resp: 151851  
Ion Ratio Lower Upper  
164 100  
166 125.3 100.4 150.6  
129 90.8 71.4 107.0  
131 89.1 70.8 106.2

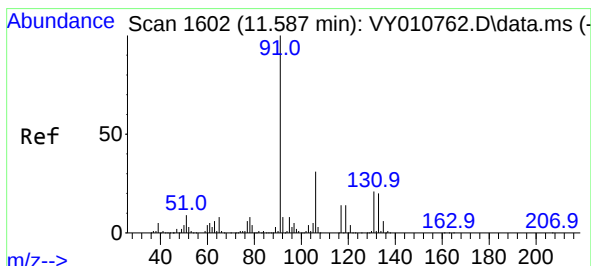
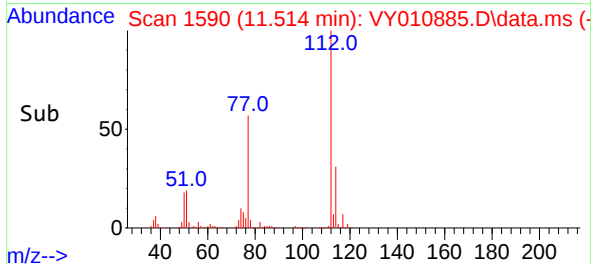
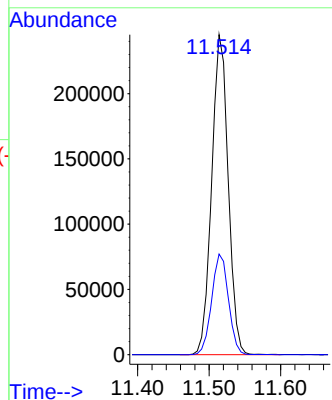
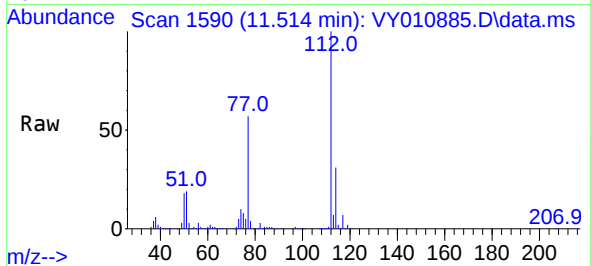




#65  
Chlorobenzene  
Concen: 50.669 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

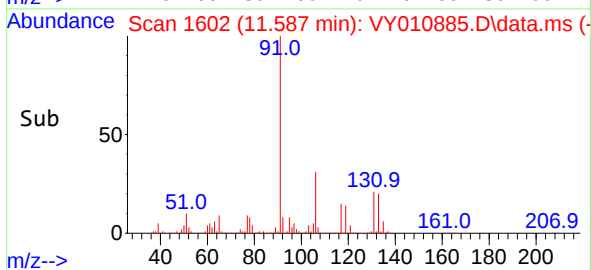
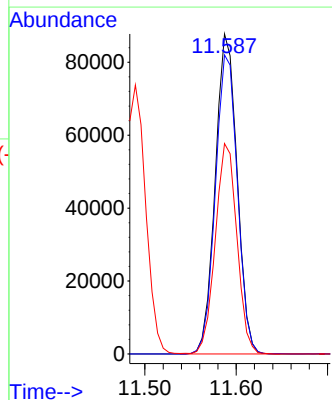
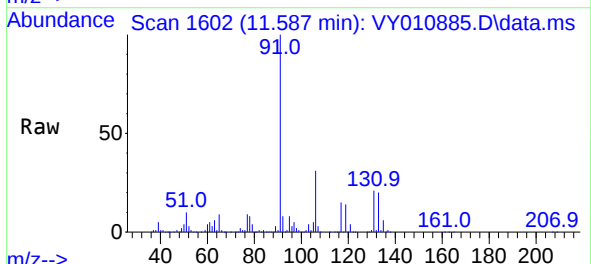
Instrument :  
MSVOA\_Y  
ClientSampleId :

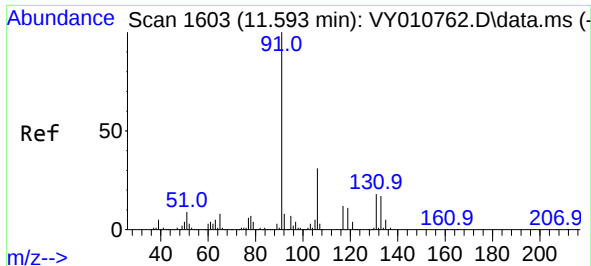
Tgt Ion:112 Resp: 392698  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.277 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:131 Resp: 145261  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.9 143.6  
119 65.3 30.8 92.3

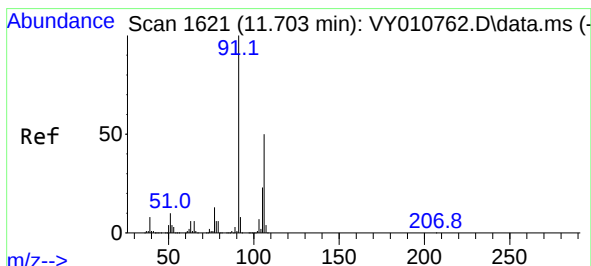
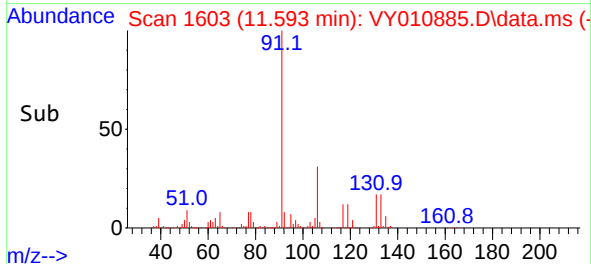
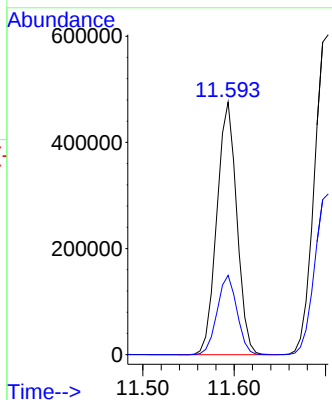
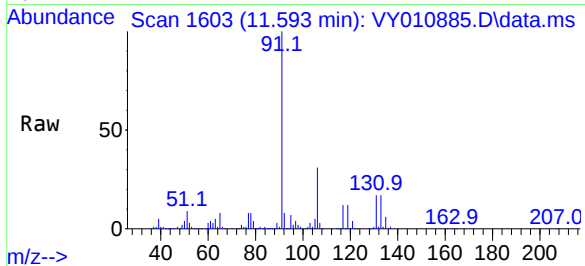




#67  
Ethyl Benzene  
Concen: 51.778 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

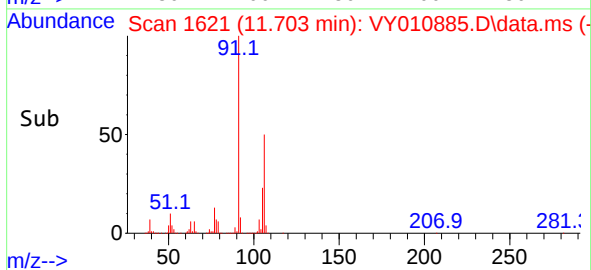
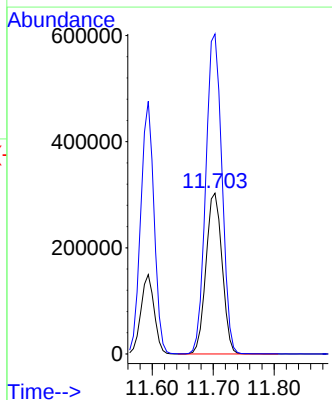
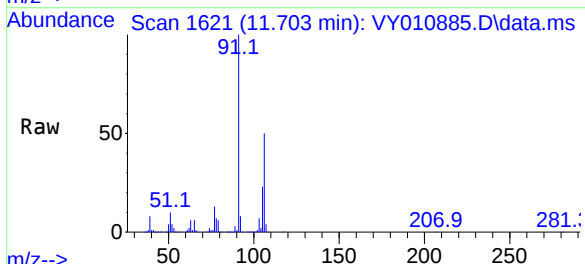
Instrument :  
MSVOA\_Y  
ClientSampleId :

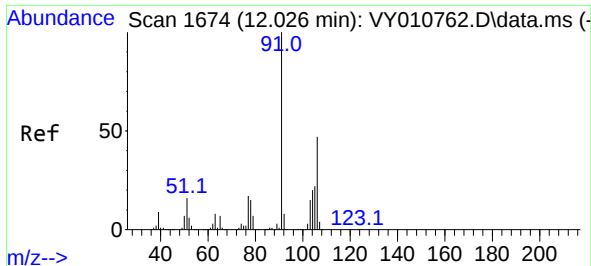
Tgt Ion: 91 Resp: 722193  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.5 36.7



#68  
m/p-Xylenes  
Concen: 101.965 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:106 Resp: 556586  
Ion Ratio Lower Upper  
106 100  
91 199.3 166.6 249.8

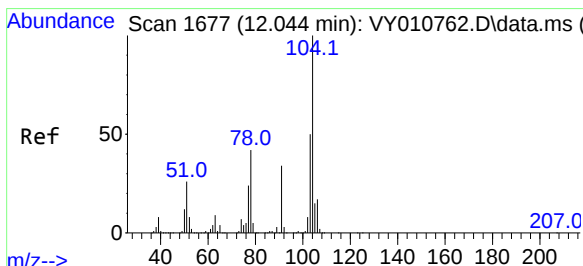
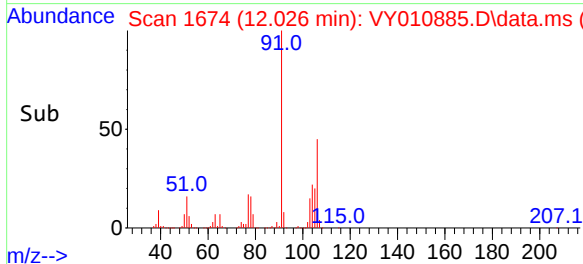
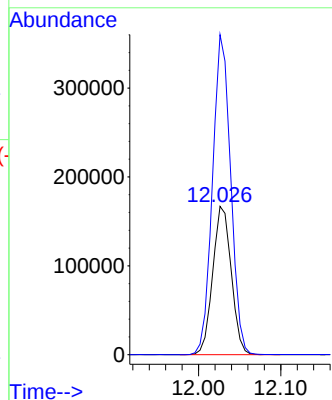
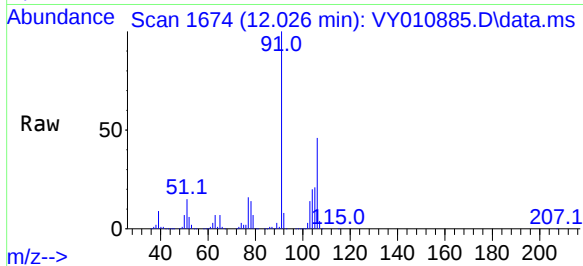




#69  
o-Xylene  
Concen: 51.208 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

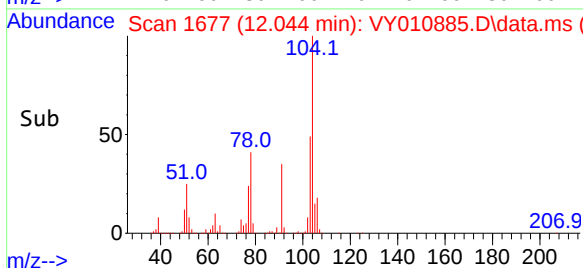
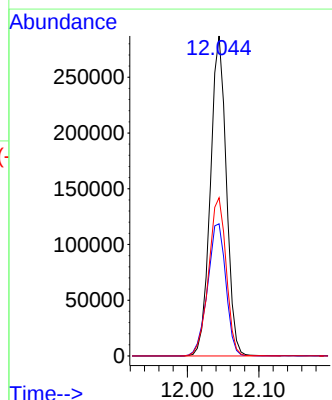
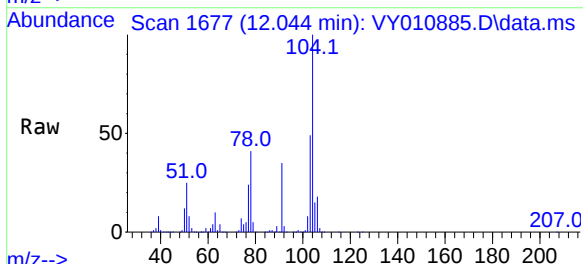
Instrument :  
MSVOA\_Y  
ClientSampleId :

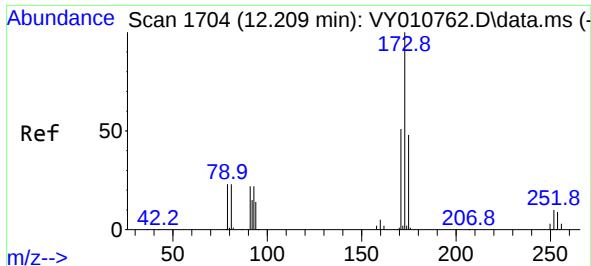
Tgt Ion:106 Resp: 261343  
Ion Ratio Lower Upper  
106 100  
91 211.5 110.3 331.0



#70  
Styrene  
Concen: 51.726 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:104 Resp: 444905  
Ion Ratio Lower Upper  
104 100  
78 47.3 42.4 63.6  
103 54.6 44.4 66.6

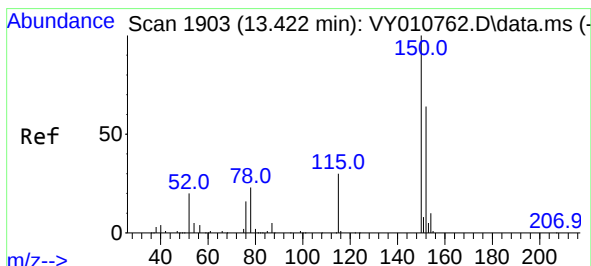
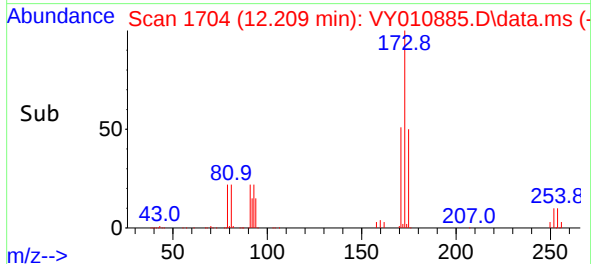
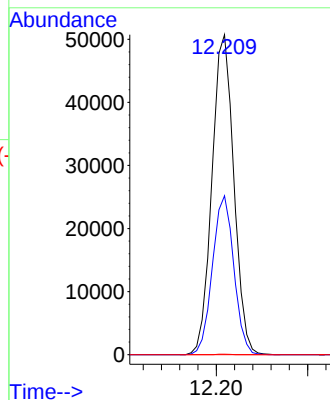
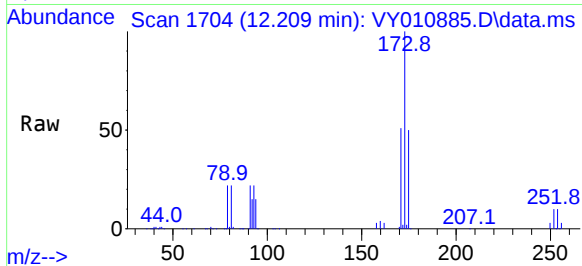




#71  
Bromoform  
Concen: 49.921 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

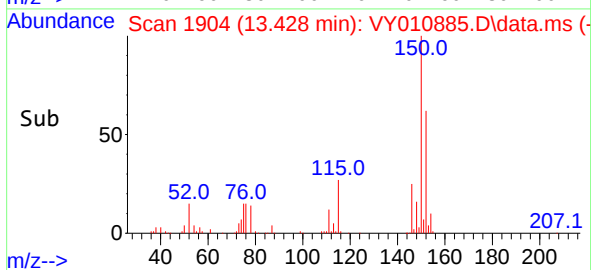
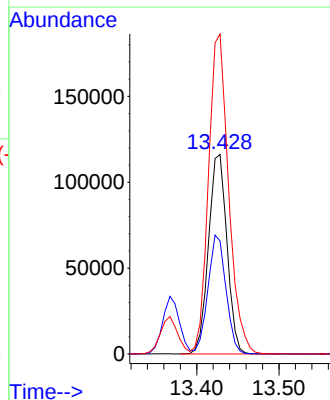
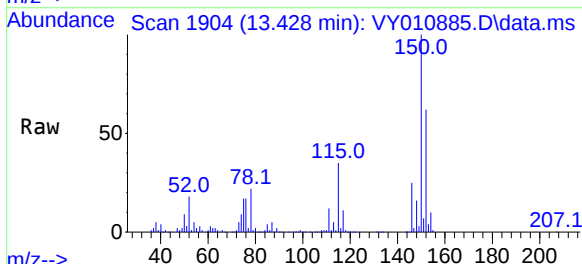
Instrument :  
MSVOA\_Y  
ClientSampleId :

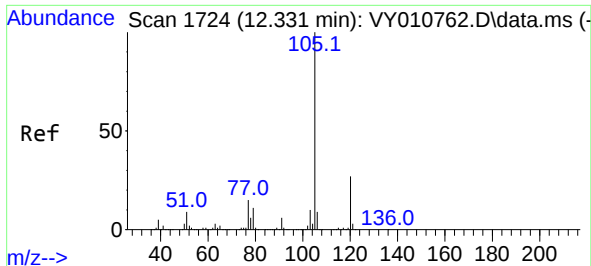
Tgt Ion:173 Resp: 84178  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:152 Resp: 181408  
Ion Ratio Lower Upper  
152 100  
115 58.1 28.2 84.7  
150 174.7 0.0 347.6

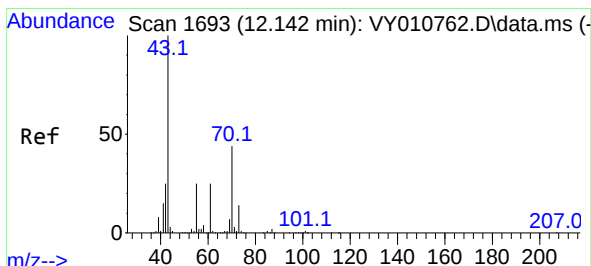
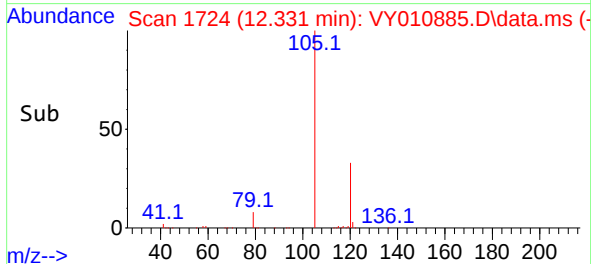
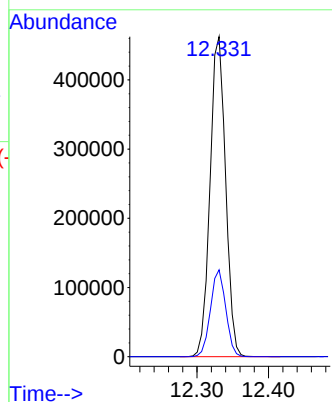
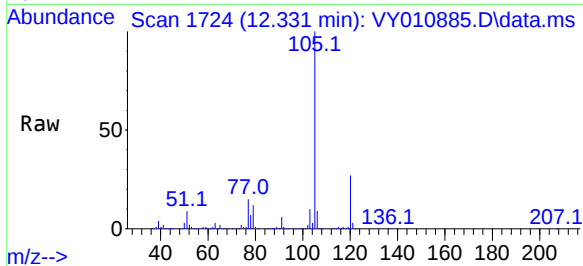




#73  
Isopropylbenzene  
Concen: 52.326 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

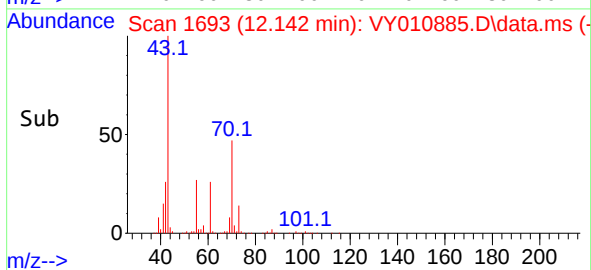
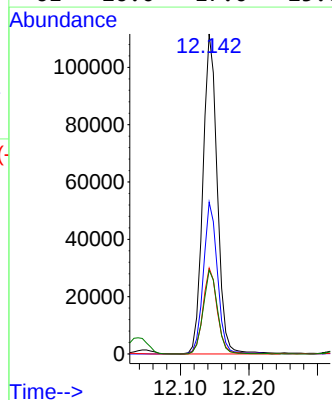
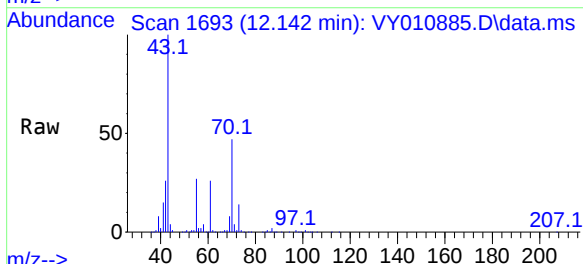
Instrument :  
MSVOA\_Y  
ClientSampleId :

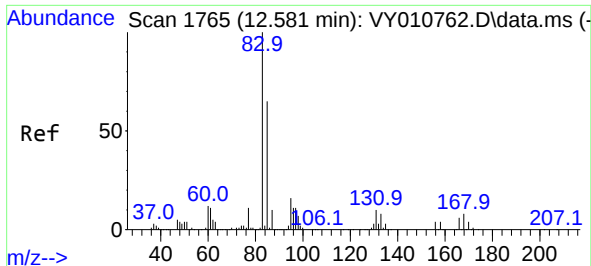
Tgt Ion:105 Resp: 697835  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.4 40.2



#74  
N-ethyl acetate  
Concen: 53.260 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

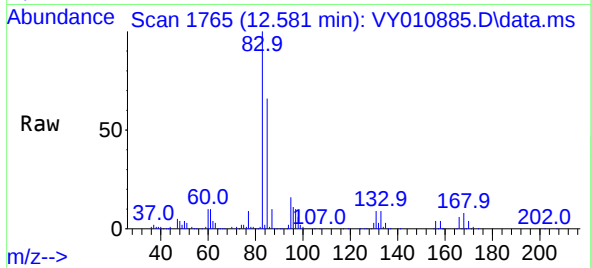
Tgt Ion: 43 Resp: 163243  
Ion Ratio Lower Upper  
43 100  
70 46.2 28.7 43.1#  
55 26.8 17.3 25.9#  
61 26.0 17.0 25.6#



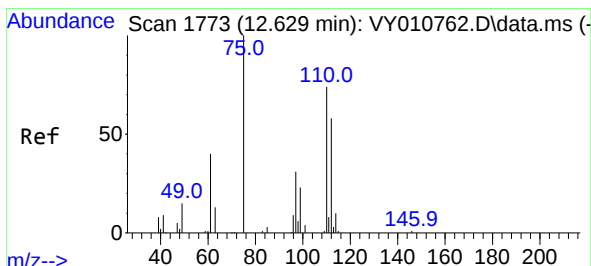
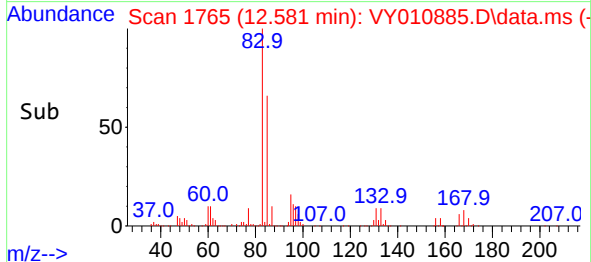
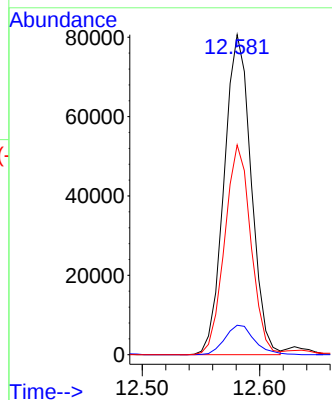


#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.681 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

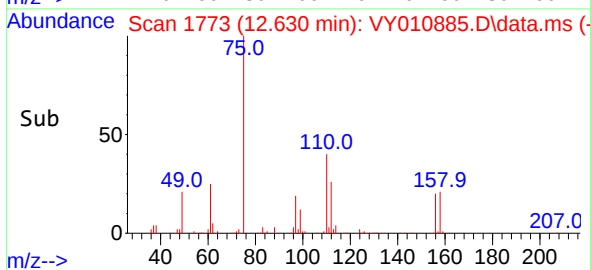
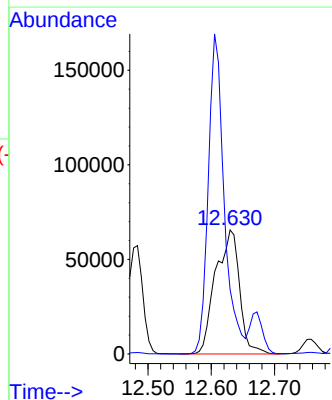
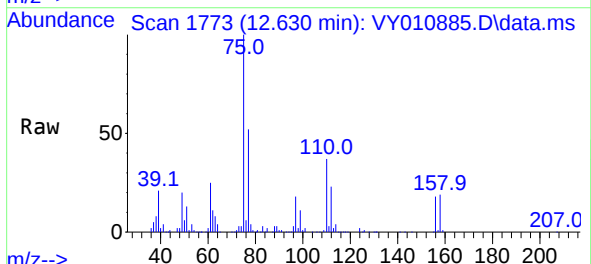


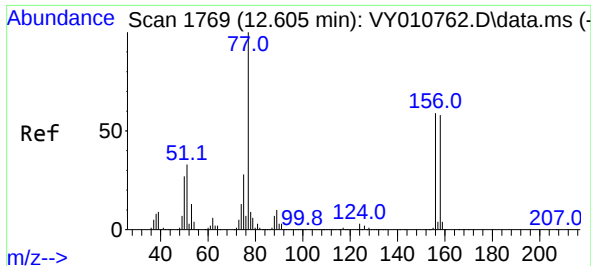
Tgt Ion: 83 Resp: 128771  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.6 16.8  
85 63.9 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 93.601 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 75 Resp: 171955  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

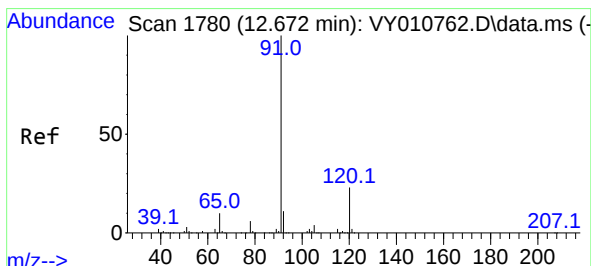
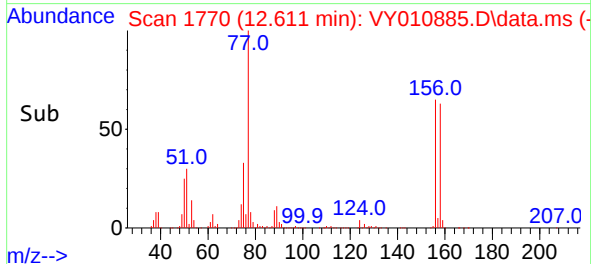
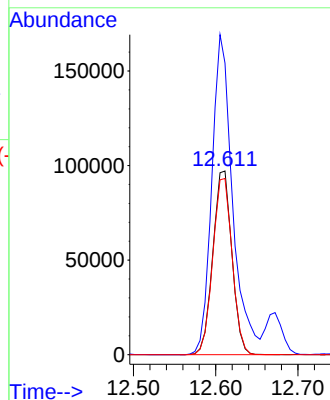
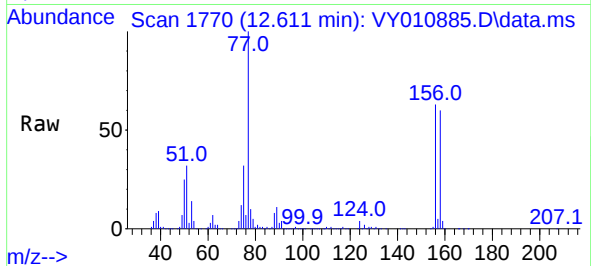




#77  
Bromobenzene  
Concen: 51.111 ug/l  
RT: 12.611 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

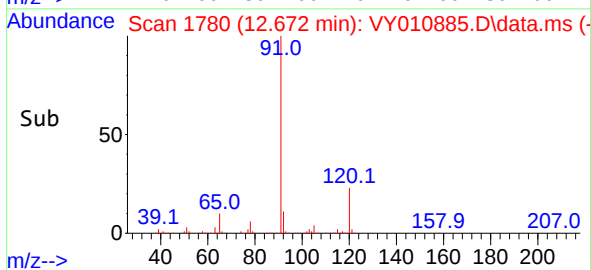
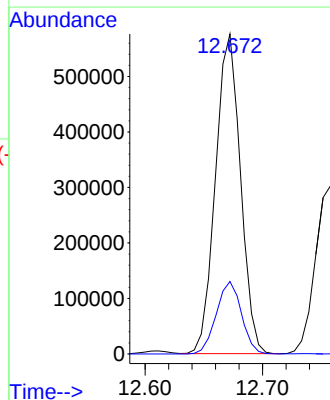
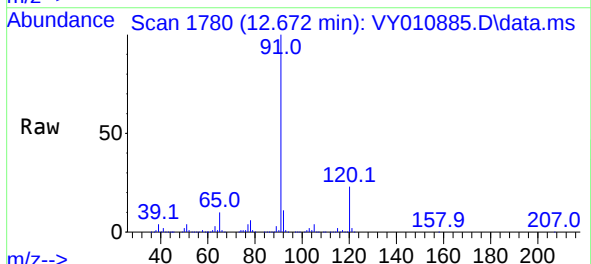
Instrument :  
MSVOA\_Y  
ClientSampleId :

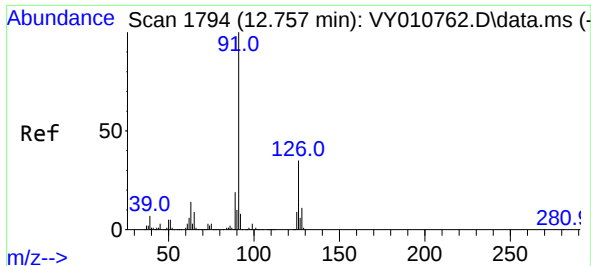
Tgt Ion:156 Resp: 156368  
Ion Ratio Lower Upper  
156 100  
77 190.3 95.5 286.4  
158 97.6 48.0 144.0



#78  
n-propylbenzene  
Concen: 52.409 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 91 Resp: 851237  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.3 33.9

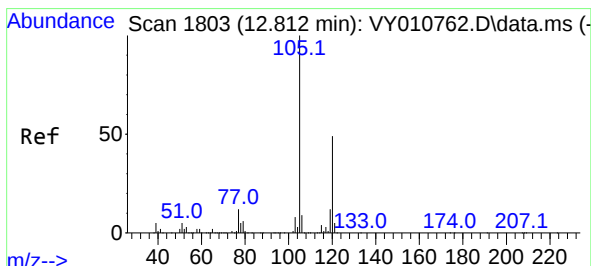
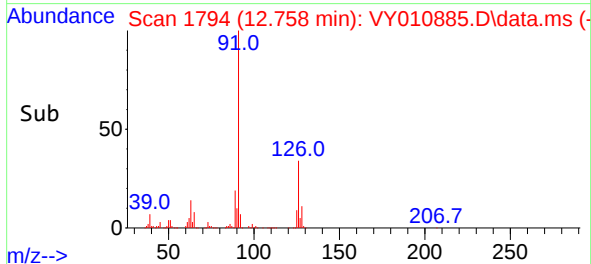
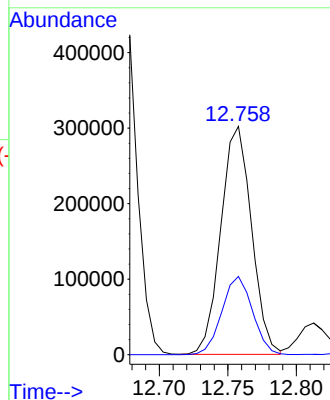
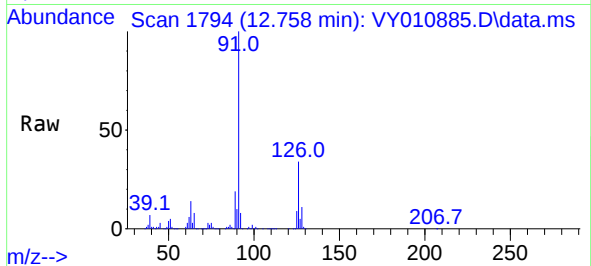




#79  
2-Chlorotoluene  
Concen: 51.829 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

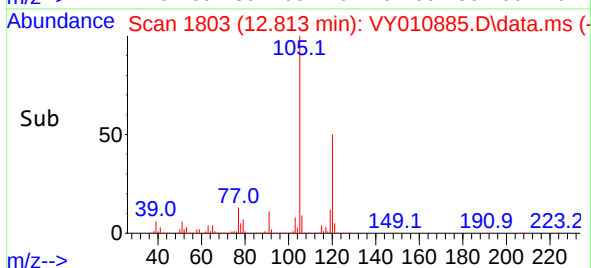
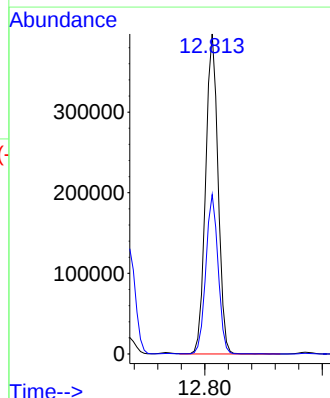
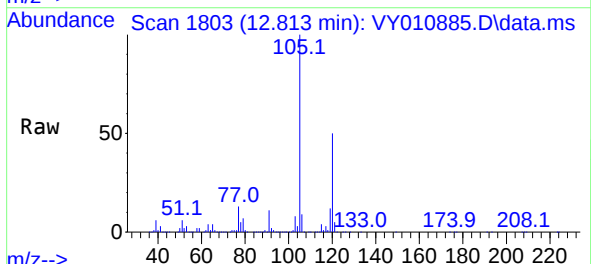
Instrument :  
MSVOA\_Y  
ClientSampleId :

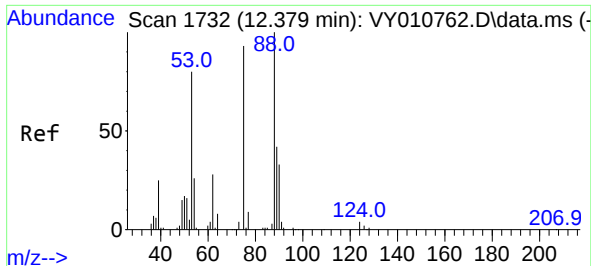
Tgt Ion: 91 Resp: 470964  
Ion Ratio Lower Upper  
91 100  
126 34.2 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 51.624 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion: 105 Resp: 582305  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.4 73.4

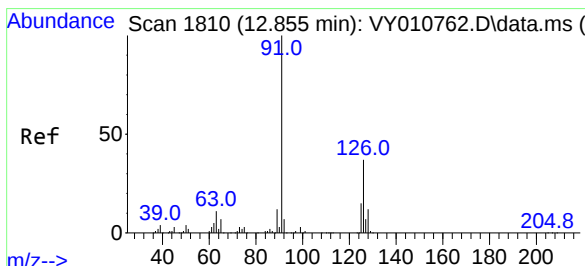
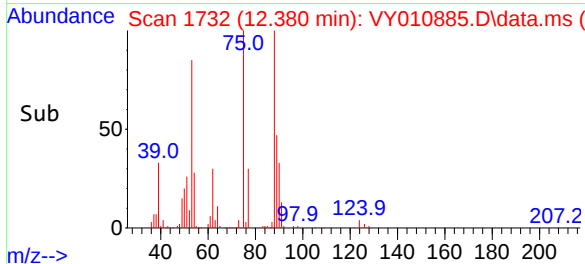
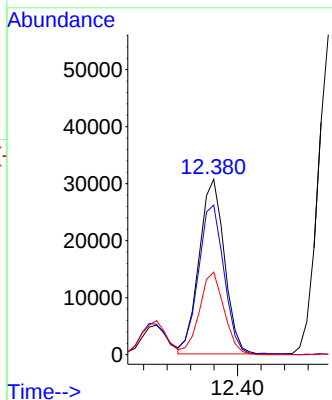
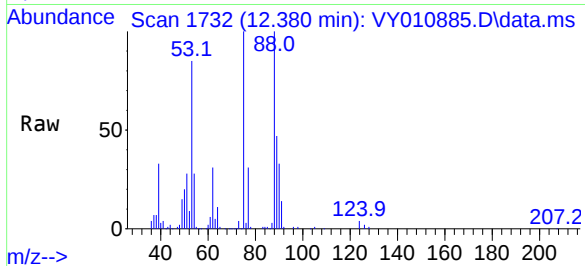




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.078 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

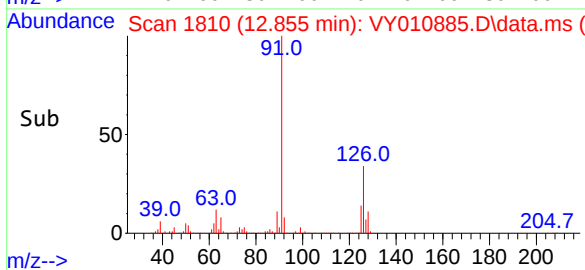
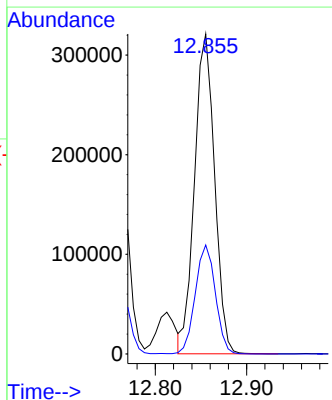
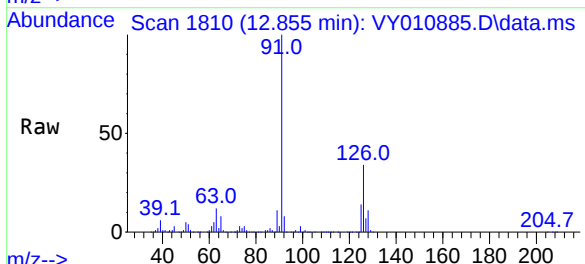
Instrument :  
MSVOA\_Y  
ClientSampleId :

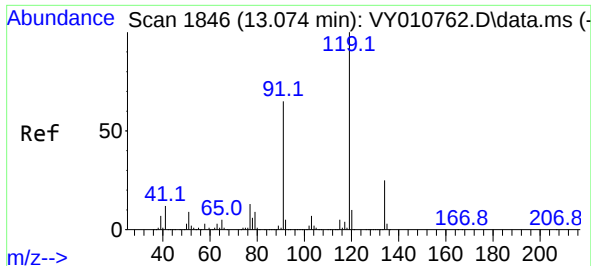
Tgt Ion: 75 Resp: 45800  
Ion Ratio Lower Upper  
75 100  
53 87.6 85.3 127.9  
89 46.2 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 51.448 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

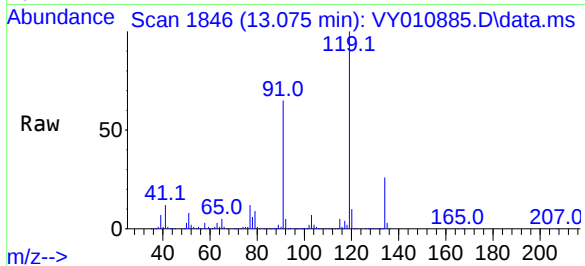
Tgt Ion: 91 Resp: 488855  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.0 51.0



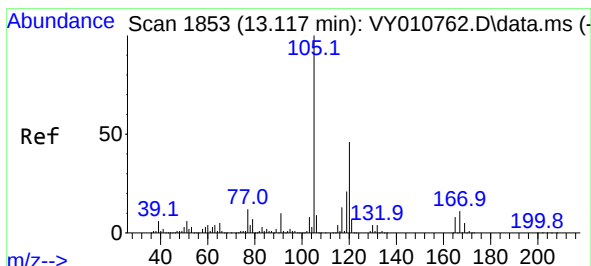
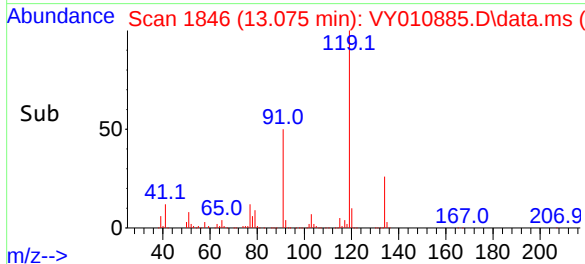
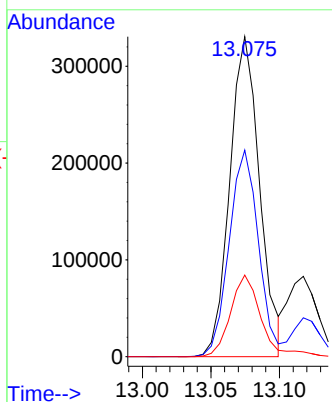


#83  
tert-Butylbenzene  
Concen: 52.177 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

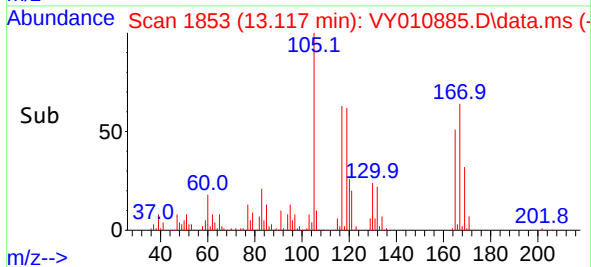
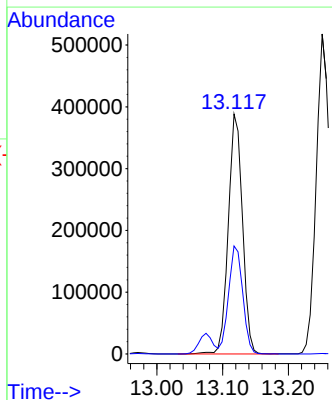
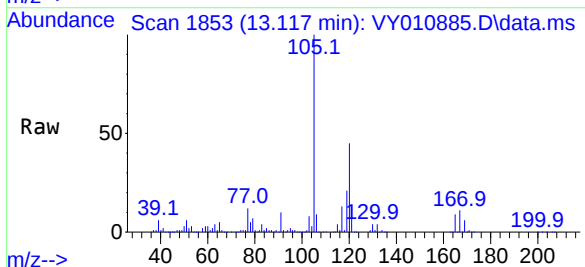


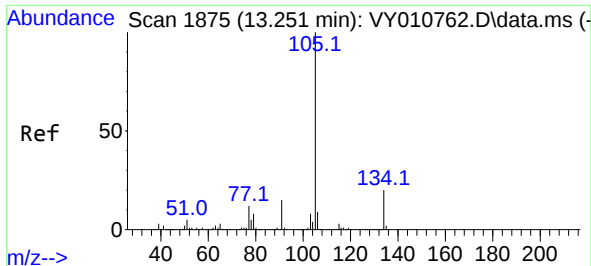
Tgt Ion:119 Resp: 501752  
Ion Ratio Lower Upper  
119 100  
91 63.1 34.8 104.4  
134 26.1 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 52.470 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:105 Resp: 581883  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.3 66.9

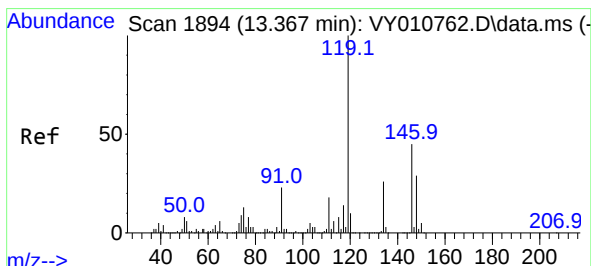
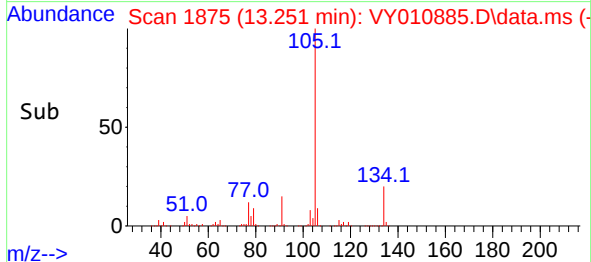
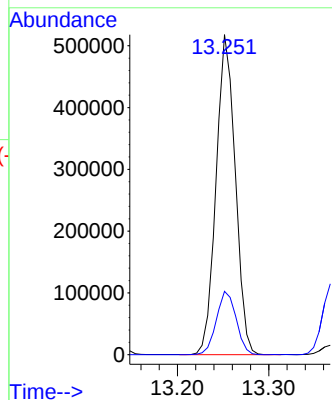
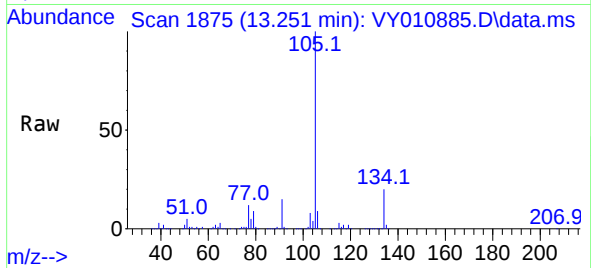




#85  
 sec-Butylbenzene  
 Concen: 52.252 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

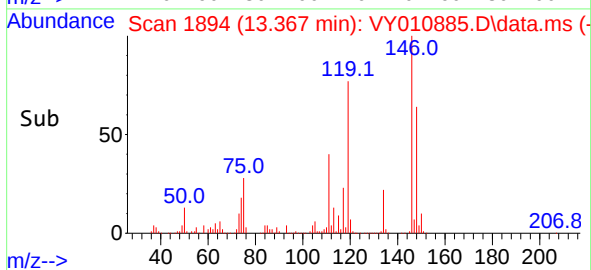
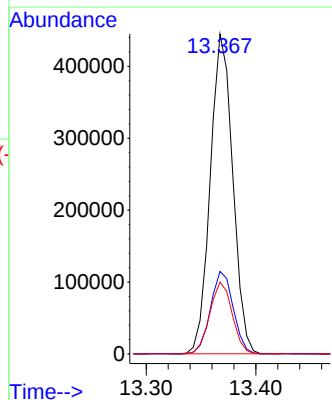
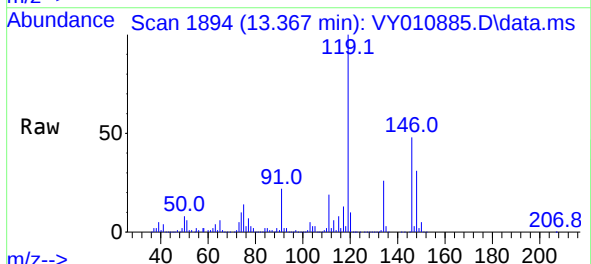
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

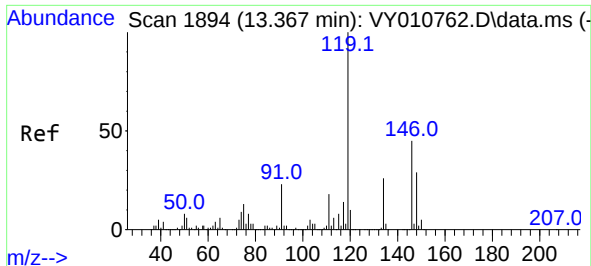
Tgt Ion:105 Resp: 756368  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 52.127 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

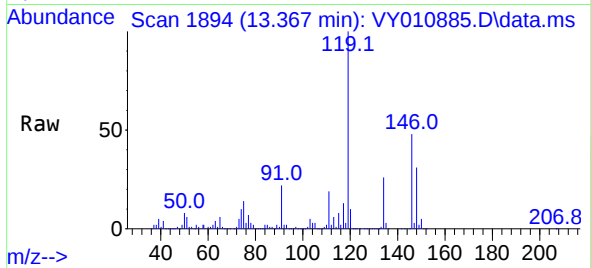
Tgt Ion:119 Resp: 633058  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.2 39.5  
 91 22.5 12.4 37.2



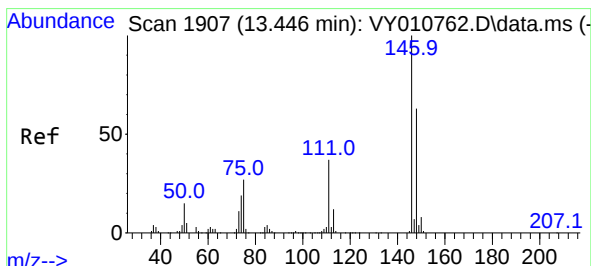
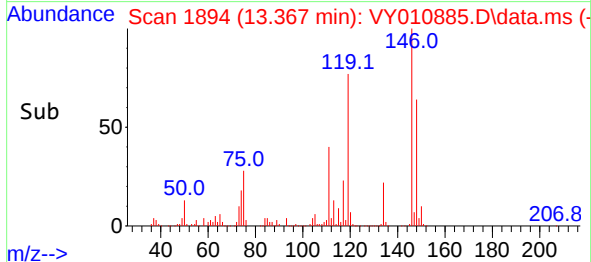
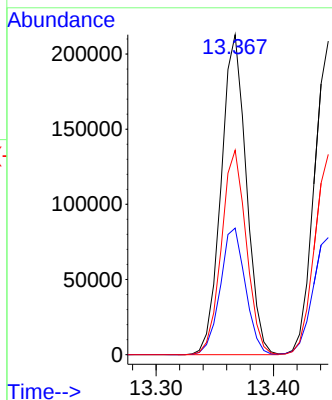


#87  
1,3-Dichlorobenzene  
Concen: 50.897 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

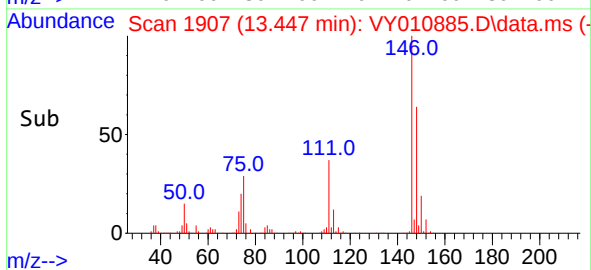
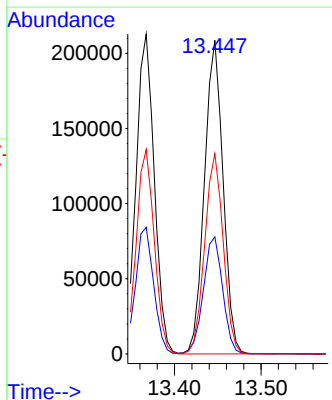
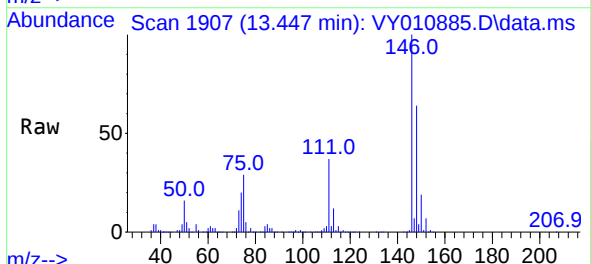


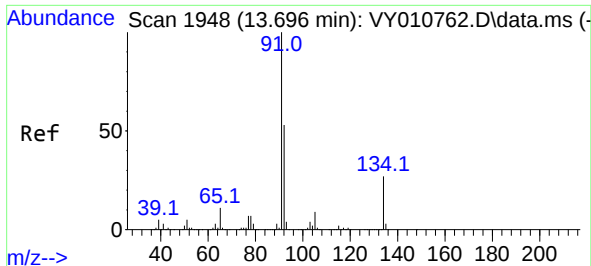
Tgt Ion:146 Resp: 316046  
Ion Ratio Lower Upper  
146 100  
111 39.7 19.5 58.5  
148 63.3 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 50.605 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:146 Resp: 311154  
Ion Ratio Lower Upper  
146 100  
111 38.7 19.3 57.8  
148 63.8 32.6 97.8

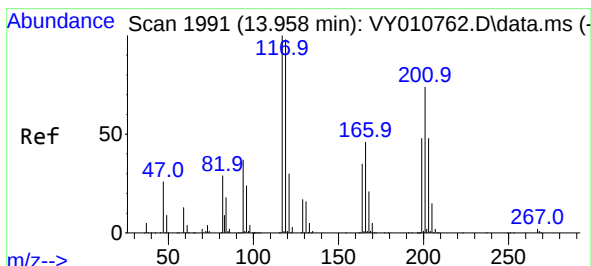
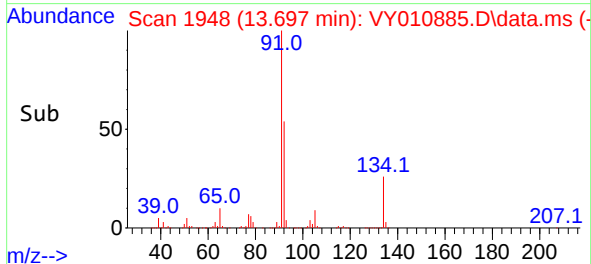
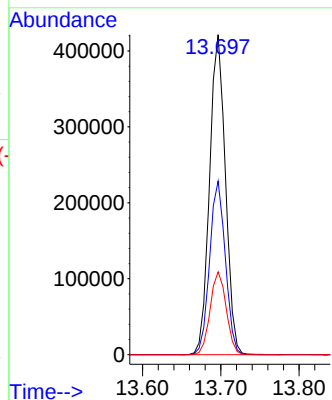
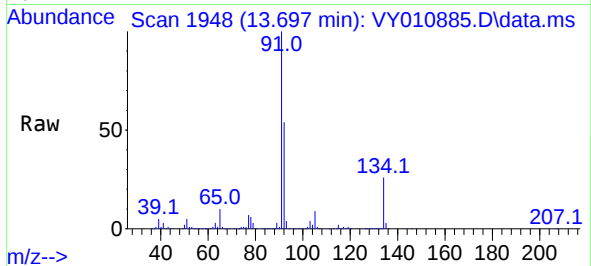




#89  
n-Butylbenzene  
Concen: 52.905 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

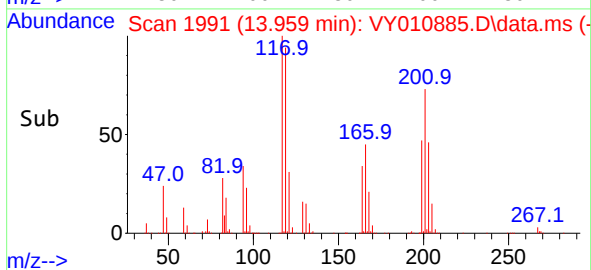
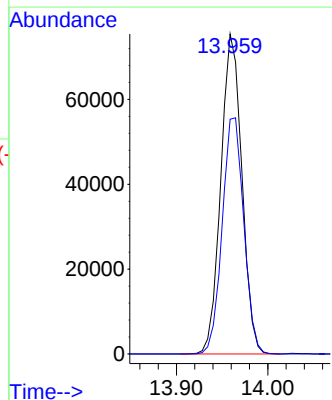
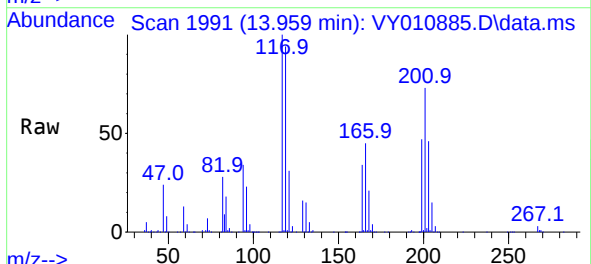
Instrument :  
MSVOA\_Y  
ClientSampleId :

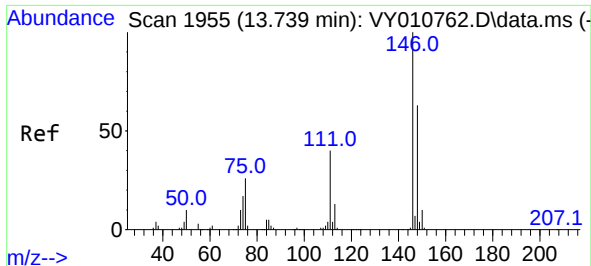
Tgt Ion: 91 Resp: 591254  
Ion Ratio Lower Upper  
91 100  
92 53.9 26.3 78.9  
134 26.2 13.0 38.9



#90  
Hexachloroethane  
Concen: 51.953 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.001 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

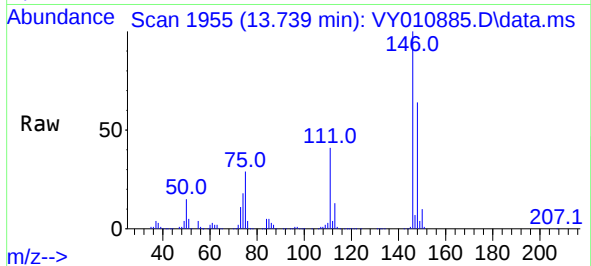
Tgt Ion: 117 Resp: 120686  
Ion Ratio Lower Upper  
117 100  
201 75.8 43.0 128.8



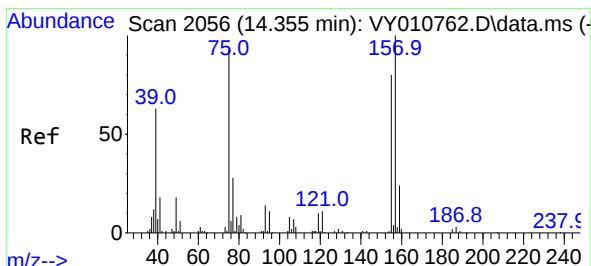
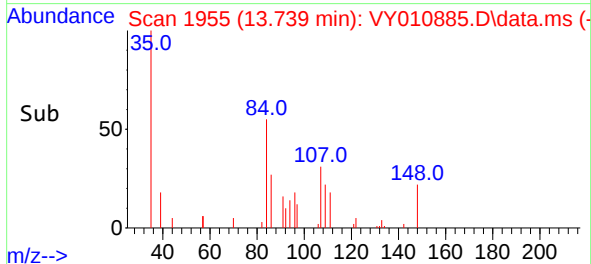
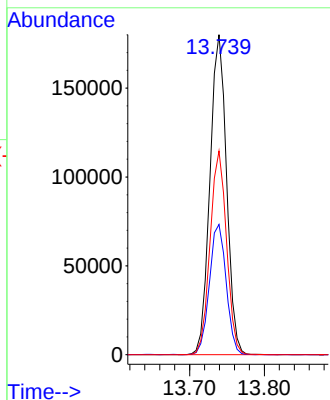


#91  
 1,2-Dichlorobenzene  
 Concen: 51.362 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

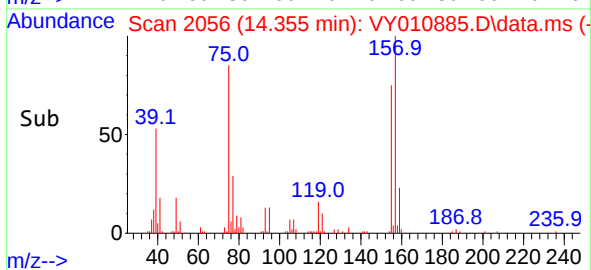
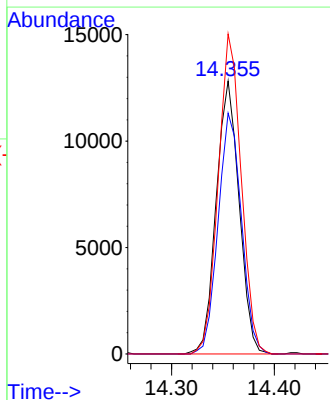
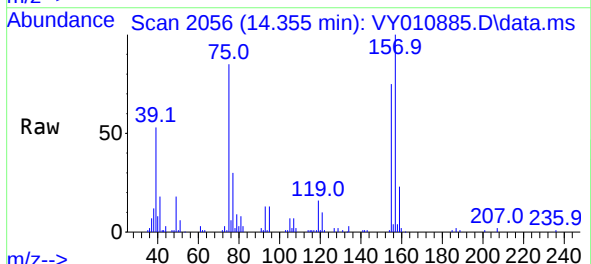


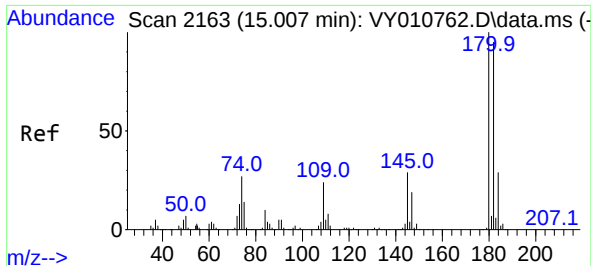
Tgt Ion:146 Resp: 277989  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.3 60.9  
 148 63.2 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.481 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY010885.D  
 Acq: 10 Oct 2022 11:45

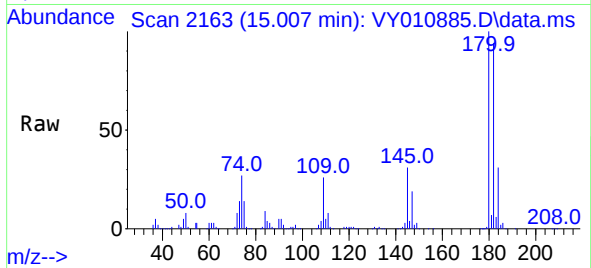
Tgt Ion: 75 Resp: 19825  
 Ion Ratio Lower Upper  
 75 100  
 155 89.8 38.0 113.9  
 157 117.6 47.8 143.3



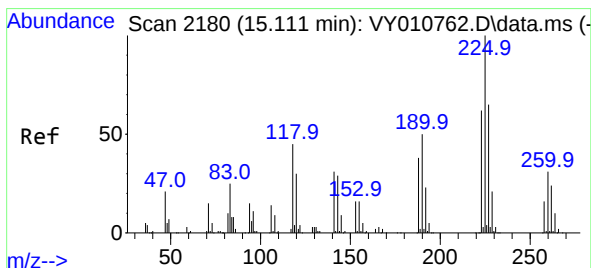
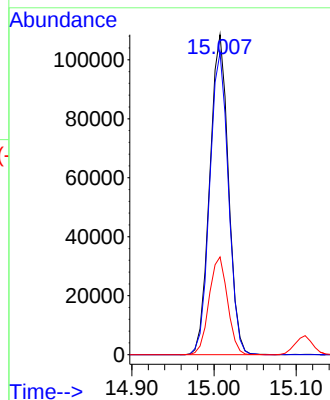
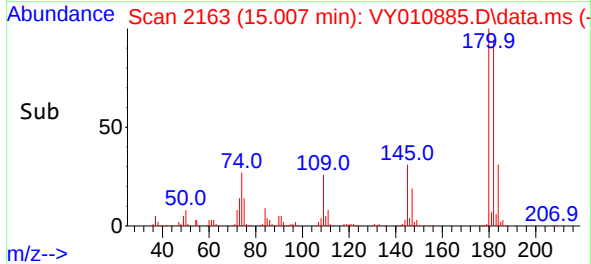


#93  
1,2,4-Trichlorobenzene  
Concen: 53.679 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

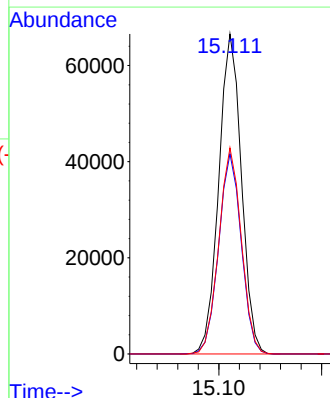
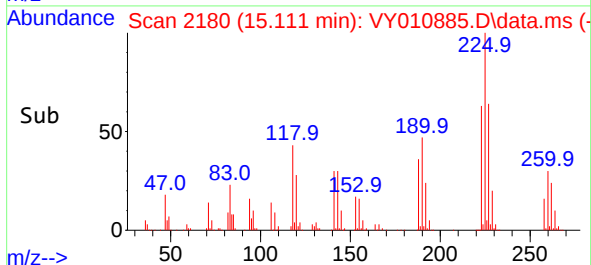
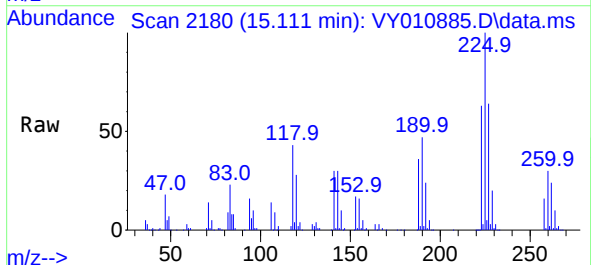


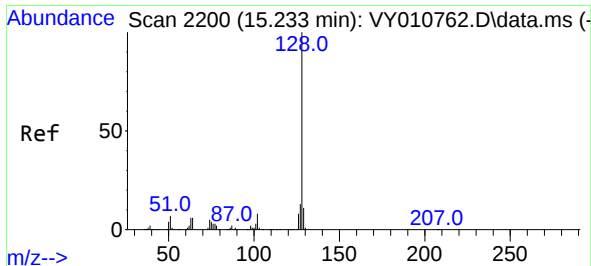
Tgt Ion:180 Resp: 170466  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.3 141.9  
145 30.3 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 51.899 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:225 Resp: 101618  
Ion Ratio Lower Upper  
225 100  
223 62.4 30.8 92.3  
227 64.1 31.6 94.7

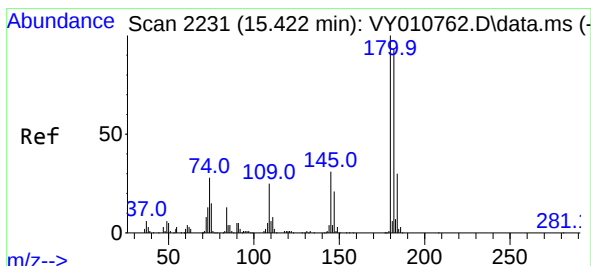
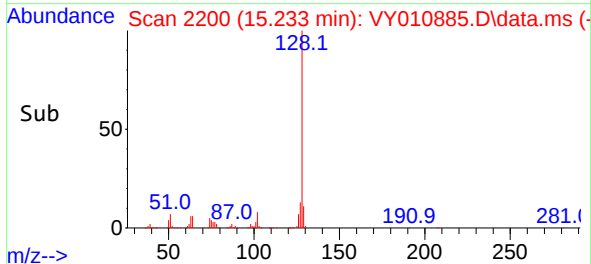
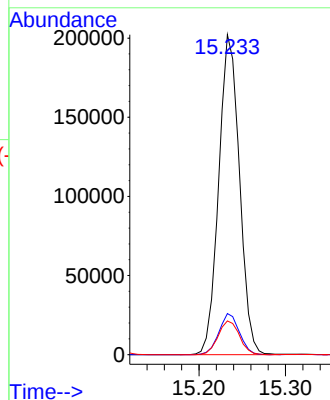
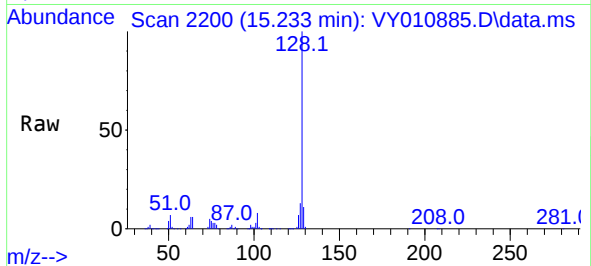




#95  
Naphthalene  
Concen: 55.556 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 336250  
Ion Ratio Lower Upper  
128 100  
127 12.7 11.0 16.4  
129 10.9 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 53.221 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY010885.D  
Acq: 10 Oct 2022 11:45

Tgt Ion:180 Resp: 144074  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.3 141.9  
145 32.8 15.3 45.9

