

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
 Data File : VY010338.D  
 Acq On : 03 Sep 2022 22:10  
 Operator : KP/MD  
 Sample : N4379-07MSD  
 Misc : 5.37g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-9-11MSD

Quant Time: Sep 05 04:26:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 285645   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 472152   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 423740   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 201131   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 160927   | 54.943   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.880% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 153940   | 48.975   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 97.960%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 563638   | 53.560   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 107.120% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 197994   | 46.543   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 93.080%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 100006 | 43.857  | ug/l   | 98  |
| 3) Chloromethane             | 2.107 | 50  | 163315 | 52.455  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.247 | 62  | 195283 | 57.569  | ug/l   | 100 |
| 5) Bromomethane              | 2.643 | 94  | 136259 | 74.154  | ug/l   | 97  |
| 6) Chloroethane              | 2.784 | 64  | 131604 | 63.423  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 244790 | 51.482  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.521 | 74  | 91446  | 53.822  | ug/l   | 79  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 142847 | 48.643  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.082 | 142 | 203280 | 57.539  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 76667  | 218.795 | ug/l # | 92  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 138908 | 48.850  | ug/l   | 88  |
| 13) Acrolein                 | 3.723 | 56  | 50193  | 135.312 | ug/l   | 99  |
| 14) Allyl chloride           | 4.472 | 41  | 225416 | 45.040  | ug/l # | 94  |
| 15) Acrylonitrile            | 5.149 | 53  | 222111 | 250.885 | ug/l   | 97  |
| 16) Acetone                  | 3.942 | 43  | 167730 | 229.075 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.186 | 76  | 395448 | 45.656  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.466 | 43  | 205655 | 90.505  | ug/l # | 89  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 443708 | 53.376  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.704 | 84  | 197819 | 55.984  | ug/l   | 85  |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 163943 | 50.878  | ug/l   | 85  |
| 22) Diisopropyl ether        | 6.112 | 45  | 496688 | 48.830  | ug/l # | 88  |
| 23) Vinyl Acetate            | 6.051 | 43  | 507120 | 79.516  | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 291429 | 49.735  | ug/l   | 98  |
| 25) 2-Butanone               | 6.978 | 43  | 286178 | 238.153 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 232261 | 43.519  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 195351 | 53.048  | ug/l   | 86  |
| 28) Bromochloromethane       | 7.326 | 49  | 107766 | 52.445  | ug/l # | 80  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 189254 | 245.835 | ug/l # | 85  |
| 30) Chloroform               | 7.502 | 83  | 310244 | 53.765  | ug/l   | 100 |
| 31) Cyclohexane              | 7.777 | 56  | 237525 | 41.572  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 273607 | 52.038  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 218321 | 47.340  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.069 | 43  | 95748  | 36.212  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 246965 | 51.961  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 265505 | 44.594  | ug/l   | 90  |
| 40) Benzene                  | 8.155 | 78  | 663362 | 50.225  | ug/l   | 96  |

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 SB-03-9-11MSD

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 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 175869   | 117.980  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 207212   | 54.109   | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 207284   | 41.126   | ug/l # | 89       |
| 44) Trichloroethene           | 8.935  | 130  | 187725   | 51.773   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 166682   | 49.534   | ug/l   | 95       |
| 46) Dibromomethane            | 9.301  | 93   | 101592   | 54.967   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 244443   | 53.780   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 129087   | 54.906   | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 27248    | 1071.435 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 670958   | 258.025  | ug/l   | 91       |
| 52) Toluene                   | 10.240 | 92   | 424074   | 50.193   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 246572   | 50.297   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 273439   | 49.466   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 144197   | 54.960   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 159039   | 41.030   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 241365   | 52.780   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 236247   | 225.866  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 461116   | 255.725  | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.983 | 129  | 178875   | 56.579   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 139456   | 55.002   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 181849   | 52.623   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.514 | 112  | 464901   | 51.487   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 180630   | 54.479   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 808075   | 48.870   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.703 | 106  | 630754   | 99.859   | ug/l   | 94       |
| 69) o-Xylene                  | 12.026 | 106  | 313505   | 51.120   | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 527790   | 51.664   | ug/l   | 95       |
| 71) Bromoform                 | 12.209 | 173  | 117351   | 57.256   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 796542   | 49.639   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 134775   | 30.443   | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 161403   | 52.337   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 214817   | 89.748   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 196269   | 53.766   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.672 | 91   | 921581   | 47.843   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 539319   | 49.536   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 666507   | 49.575   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 53897    | 46.974   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 552466   | 49.282   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 594565   | 50.902   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 658238   | 49.856   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 835581   | 48.373   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 706154   | 49.491   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 371083   | 52.354   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 366104   | 51.950   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 614066   | 45.527   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.958 | 117  | 136498   | 49.839   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 337162   | 53.372   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 28186    | 51.868   | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 190858   | 48.811   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 111299   | 48.564   | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 418878   | 51.628   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 169871   | 51.294   | ug/l   | 99       |

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SB-03-9-11MSD

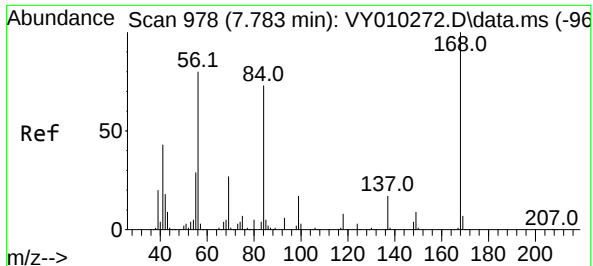
Quant Time: Sep 05 04:26:47 2022  
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QLast Update : Fri Sep 02 16:41:46 2022  
Response via : Initial Calibration

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

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

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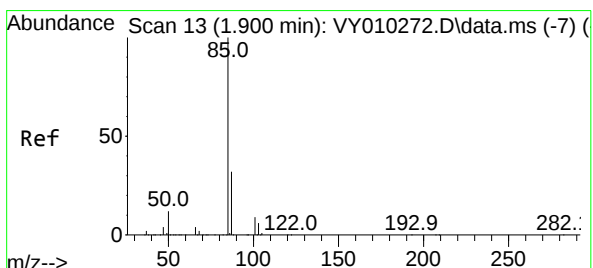
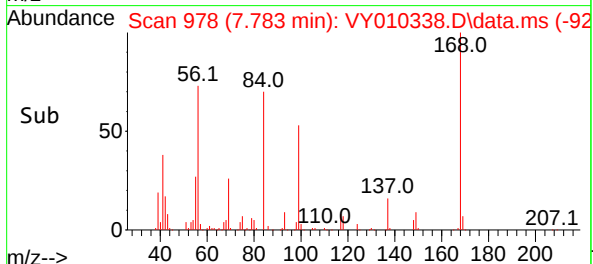
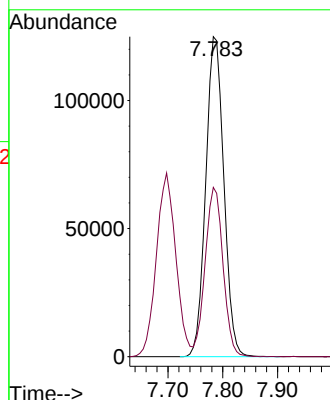
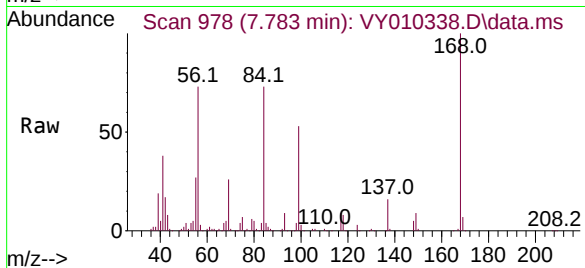




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

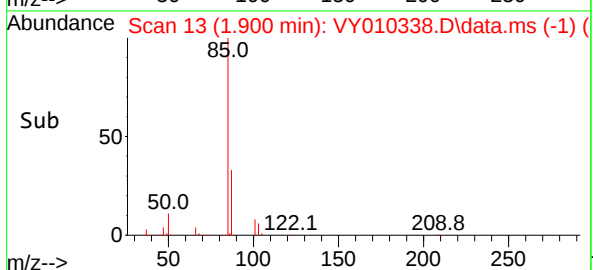
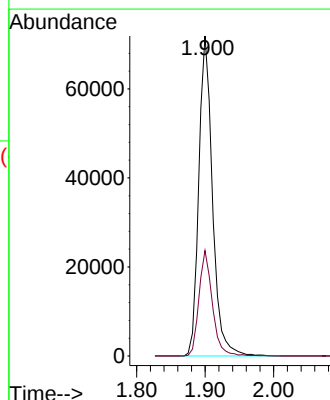
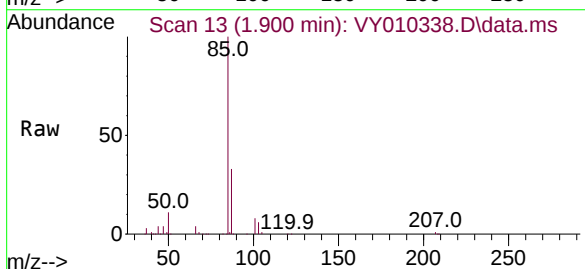
Instrument :  
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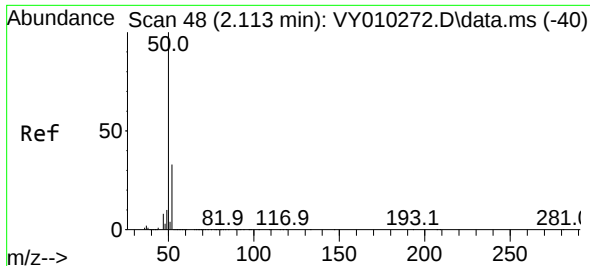
Tgt Ion:168 Resp: 285645  
Ion Ratio Lower Upper  
168 100  
99 52.9 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 43.857 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 85 Resp: 100006  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.1 48.2

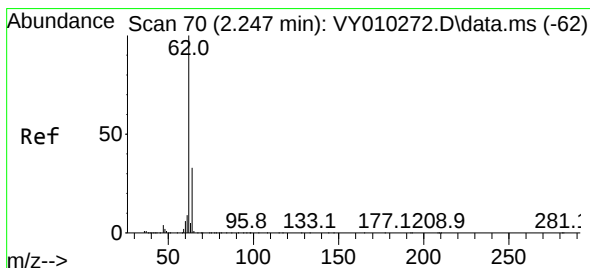
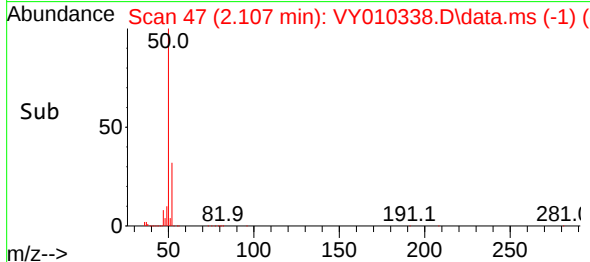
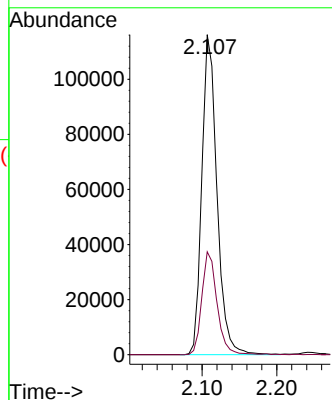
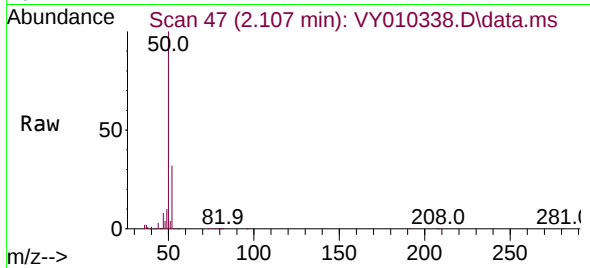




#3  
Chloromethane  
Concen: 52.455 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

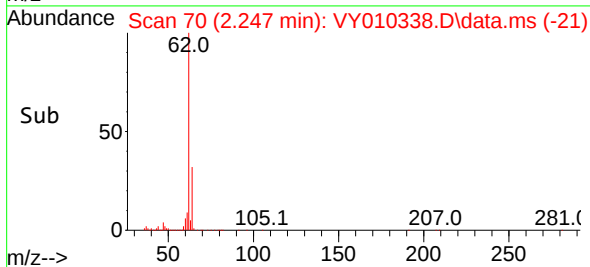
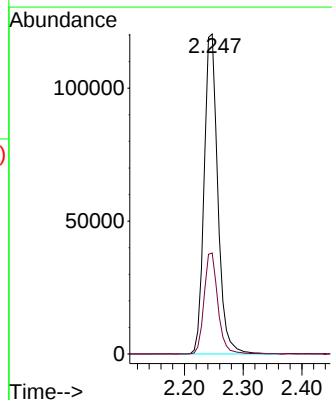
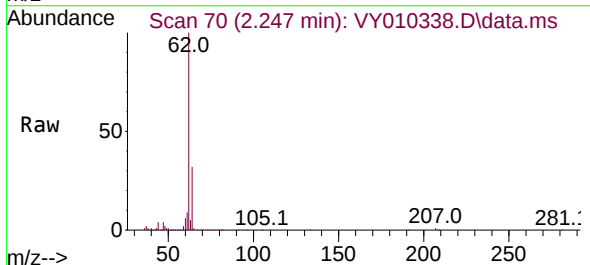
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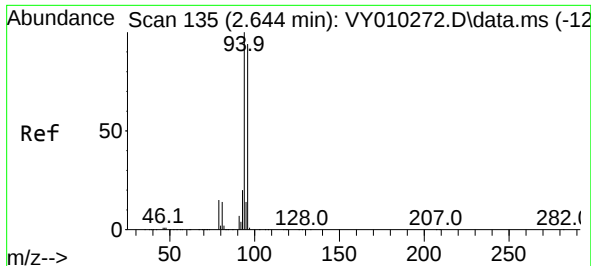
Tgt Ion: 50 Resp: 163315  
Ion Ratio Lower Upper  
50 100  
52 32.2 24.6 37.0



#4  
Vinyl Chloride  
Concen: 57.569 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 62 Resp: 195283  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.0 37.6

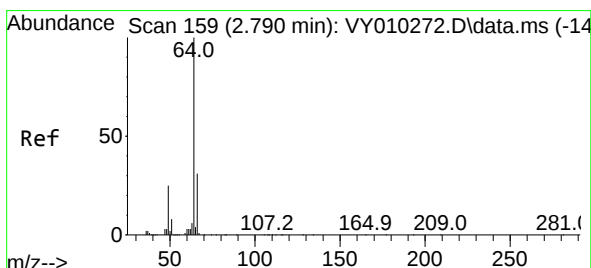
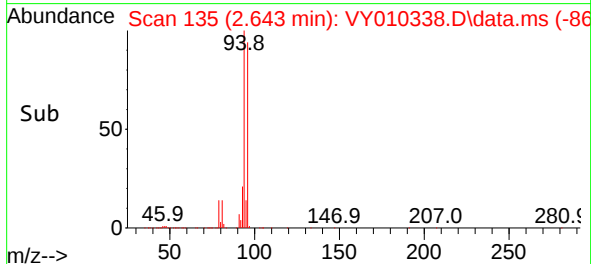
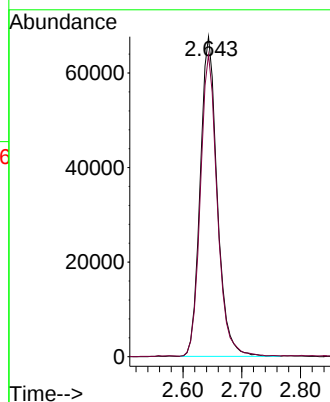
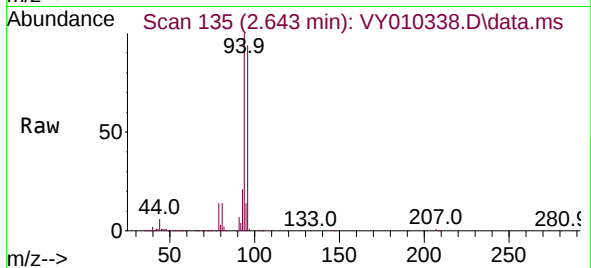




#5  
Bromomethane  
Concen: 74.154 ug/l  
RT: 2.643 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

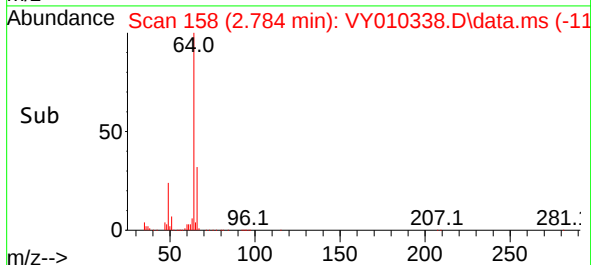
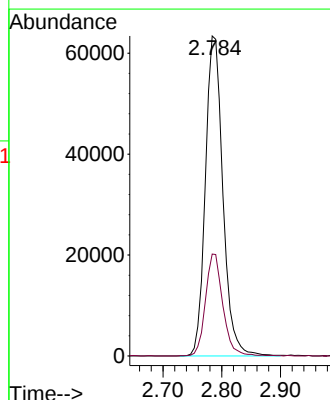
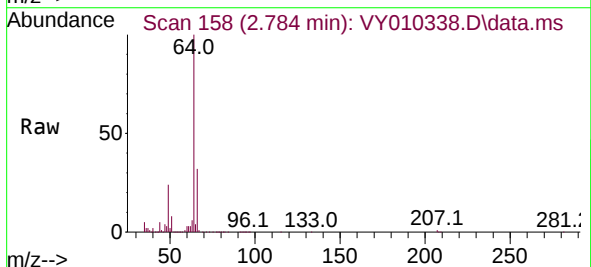
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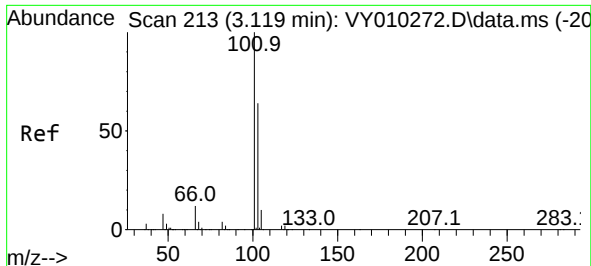
Tgt Ion: 94 Resp: 136259  
Ion Ratio Lower Upper  
94 100  
96 94.3 73.5 110.3



#6  
Chloroethane  
Concen: 63.423 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 64 Resp: 131604  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.4 38.0

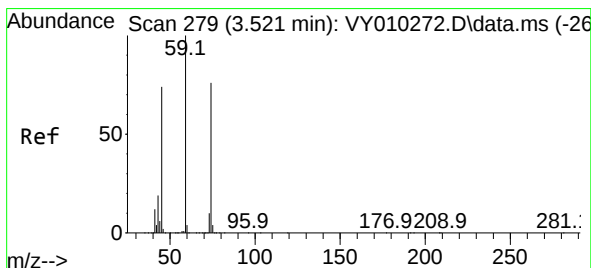
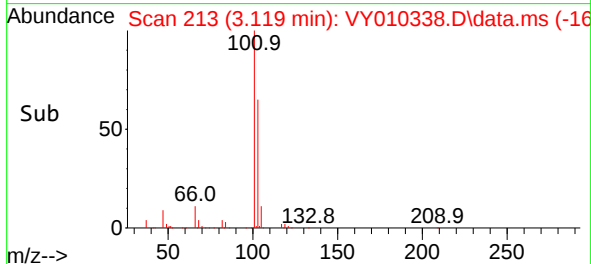
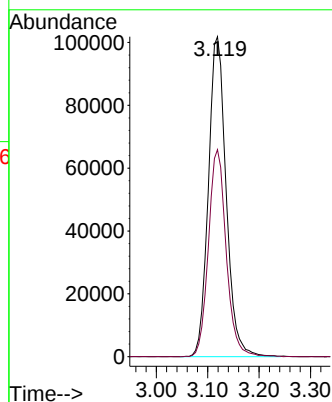
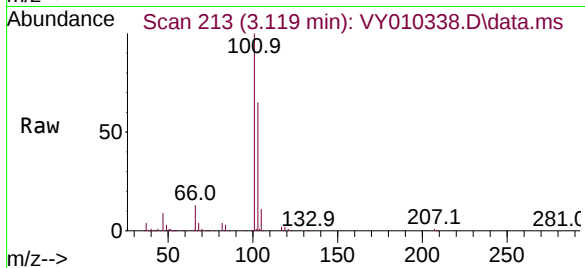




#7  
 Trichlorofluoromethane  
 Concen: 51.482 ug/l  
 RT: 3.119 min Scan# 213  
 Delta R.T. -0.000 min  
 Lab File: VY010338.D  
 Acq: 03 Sep 2022 22:10

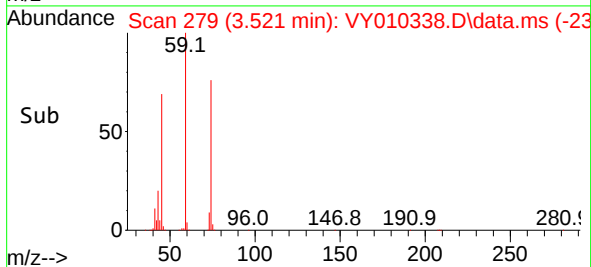
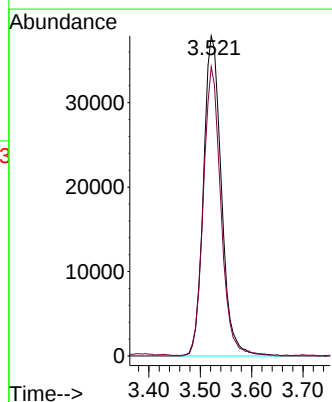
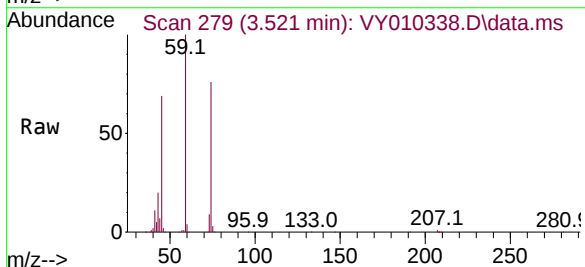
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-9-11MSD

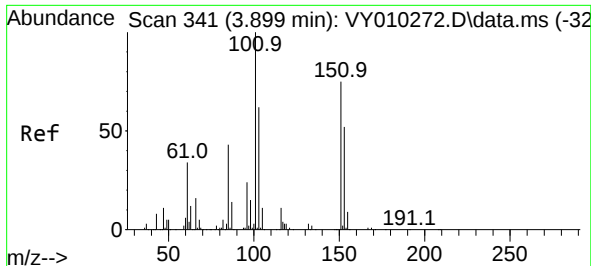
Tgt Ion:101 Resp: 244790  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 53.822 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VY010338.D  
 Acq: 03 Sep 2022 22:10

Tgt Ion: 74 Resp: 91446  
 Ion Ratio Lower Upper  
 74 100  
 45 88.2 55.1 165.5

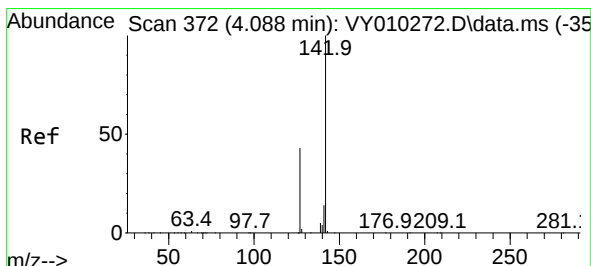
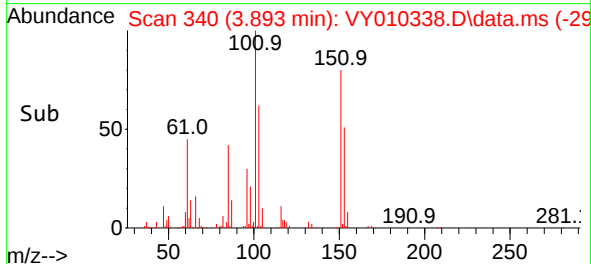
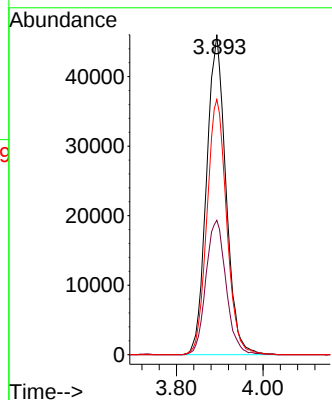
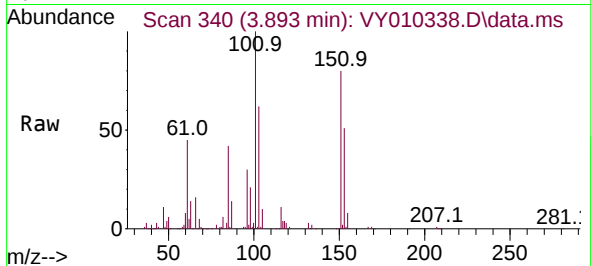




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.643 ug/l  
RT: 3.893 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

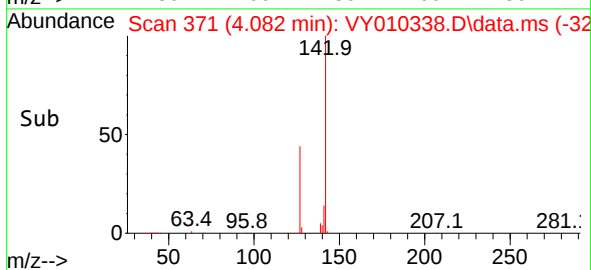
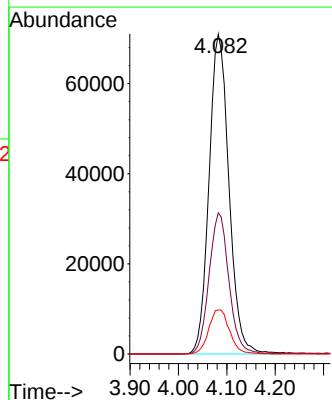
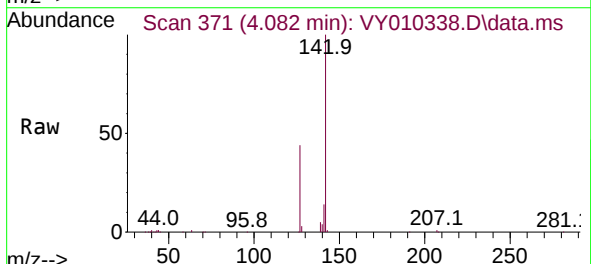
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

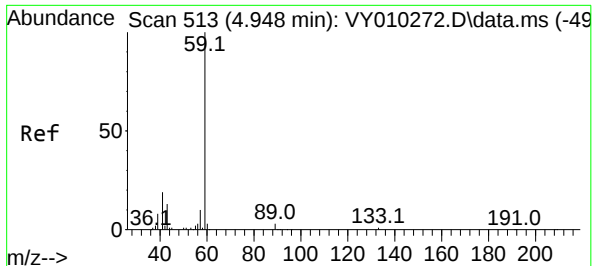
Tgt Ion:101 Resp: 142847  
Ion Ratio Lower Upper  
101 100  
85 43.8 40.6 60.8  
151 81.2 64.9 97.3



#10  
Methyl Iodide  
Concen: 57.539 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion:142 Resp: 203280  
Ion Ratio Lower Upper  
142 100  
127 43.9 41.5 62.3  
141 14.4 11.9 17.9

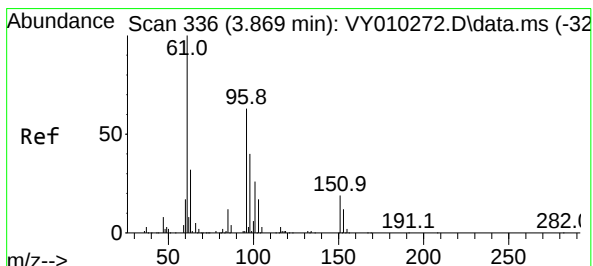
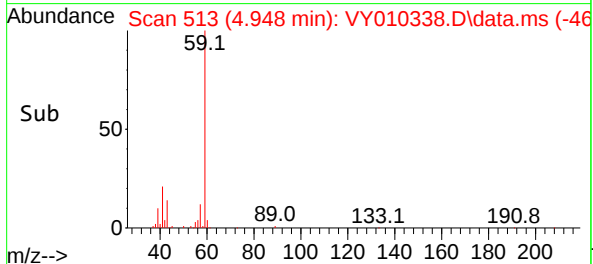
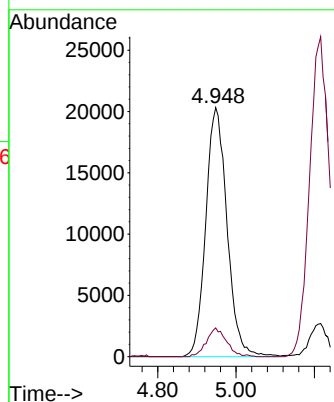
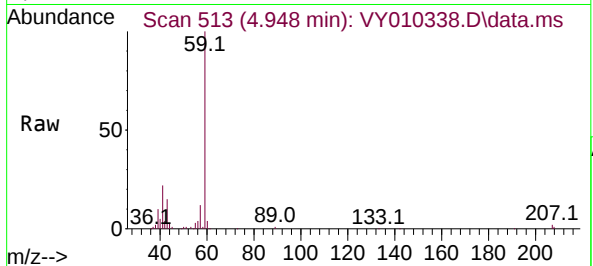




#11  
Tert butyl alcohol  
Concen: 218.795 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

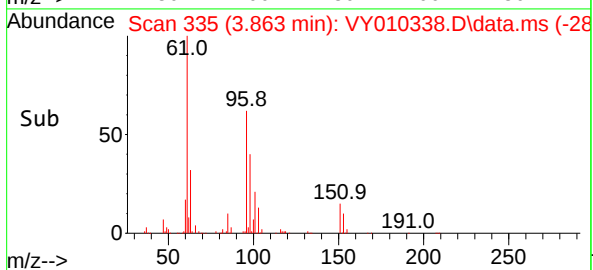
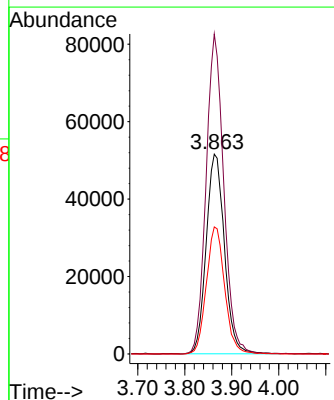
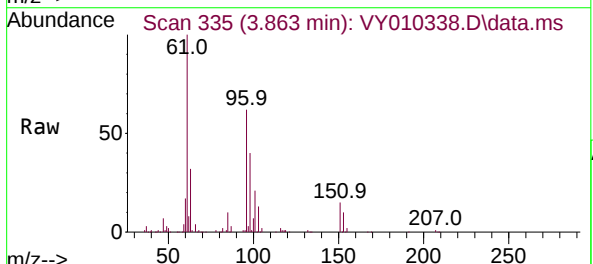
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

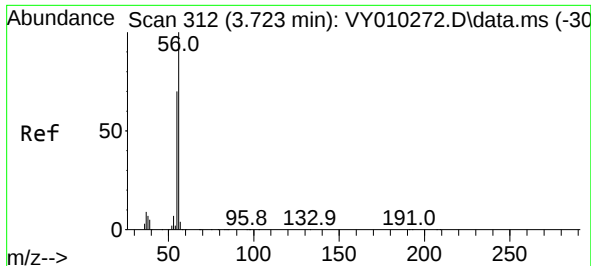
Tgt Ion: 59 Resp: 76667  
Ion Ratio Lower Upper  
59 100  
57 10.7 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 48.850 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 96 Resp: 138908  
Ion Ratio Lower Upper  
96 100  
61 160.4 145.8 218.6  
98 63.7 52.5 78.7

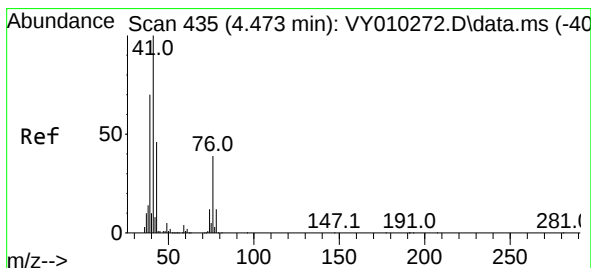
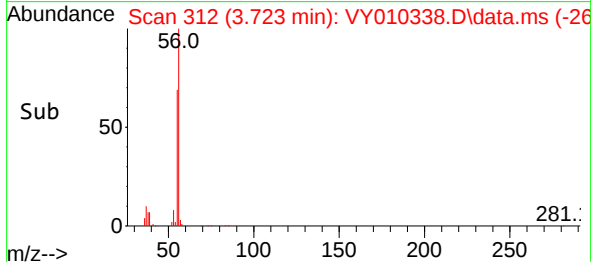
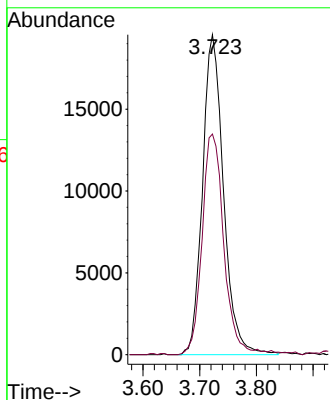
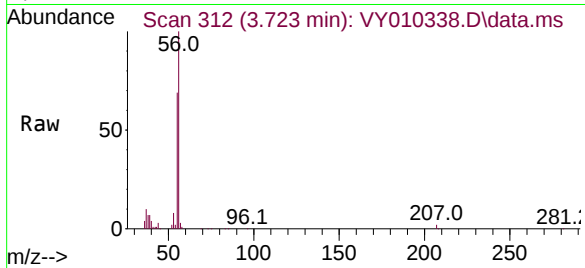




#13  
Acrolein  
Concen: 135.312 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

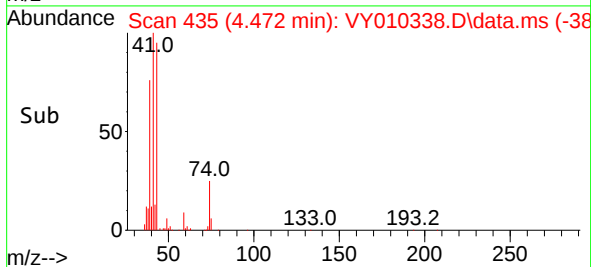
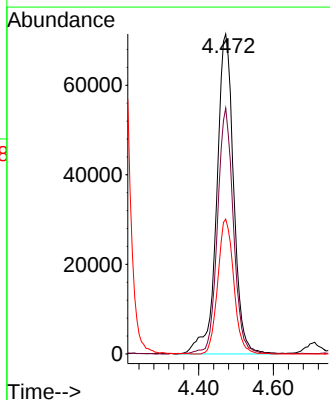
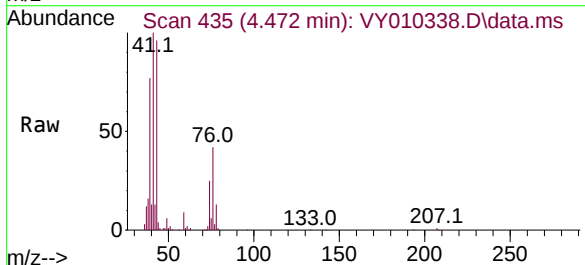
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

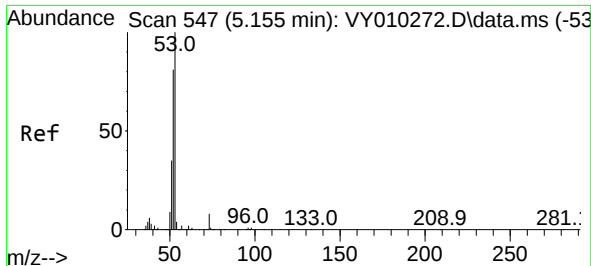
Tgt Ion: 56 Resp: 50193  
Ion Ratio Lower Upper  
56 100  
55 71.4 57.6 86.4



#14  
Allyl chloride  
Concen: 45.040 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 41 Resp: 225416  
Ion Ratio Lower Upper  
41 100  
39 71.8 58.8 88.2  
76 39.7 25.1 37.7#

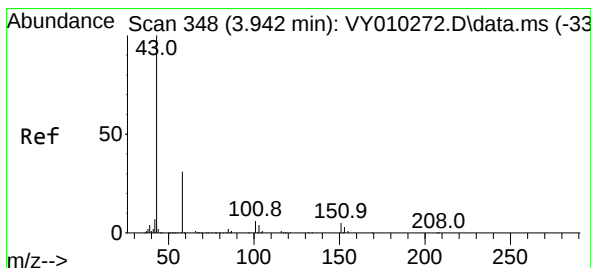
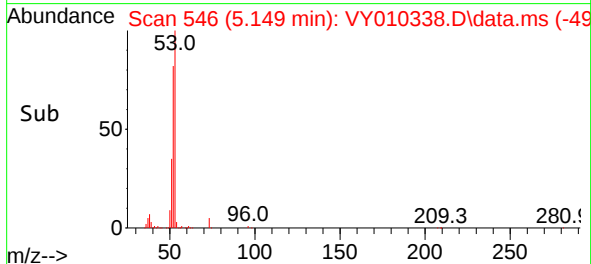
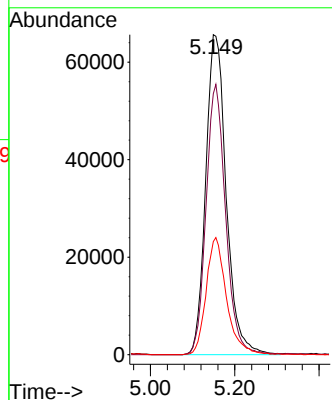
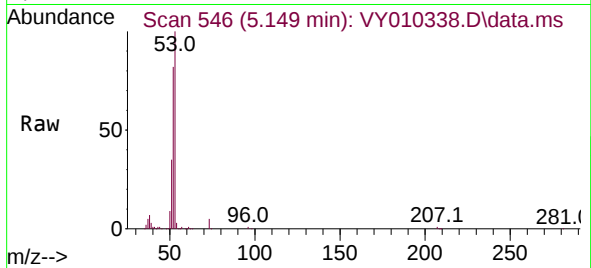




#15  
Acrylonitrile  
Concen: 250.885 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

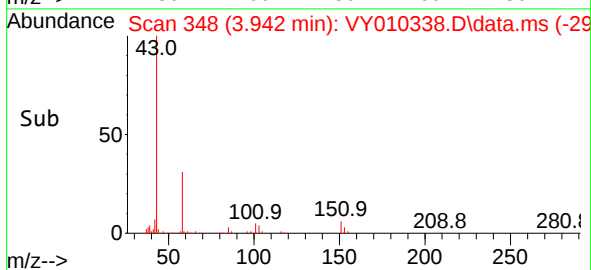
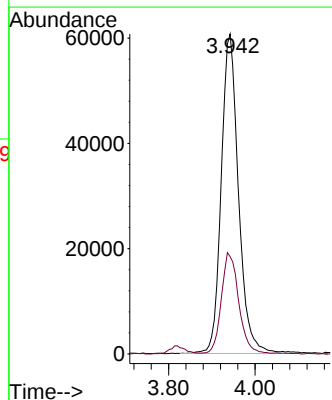
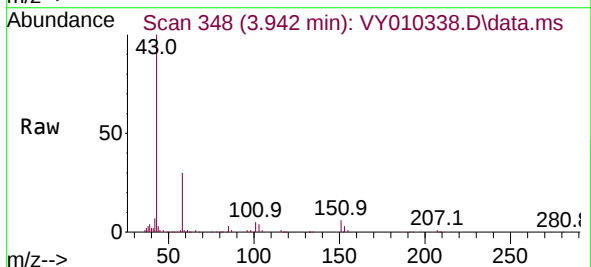
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

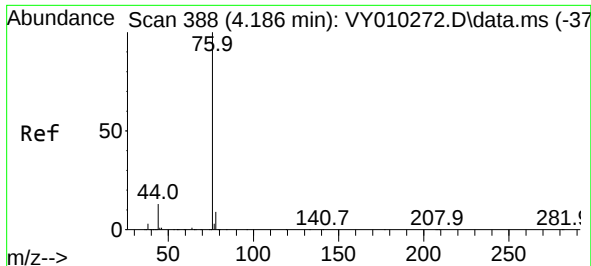
Tgt Ion: 53 Resp: 222111  
Ion Ratio Lower Upper  
53 100  
52 80.8 67.0 100.4  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 229.075 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 43 Resp: 167730  
Ion Ratio Lower Upper  
43 100  
58 30.3 22.0 33.0

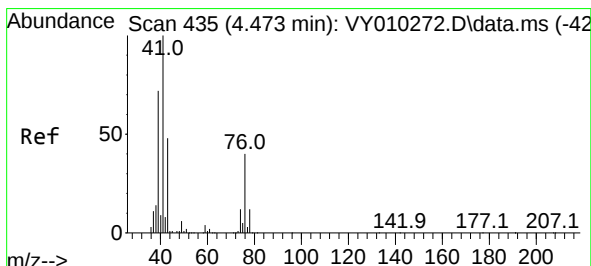
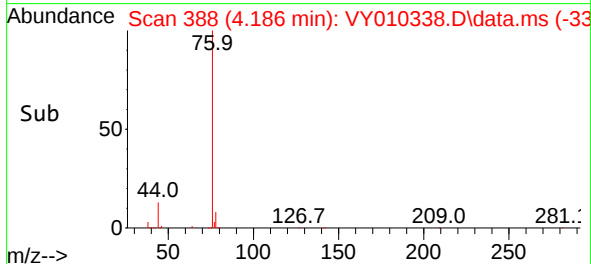
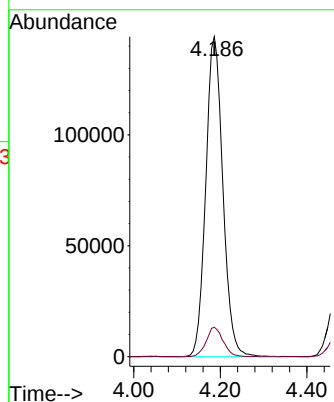
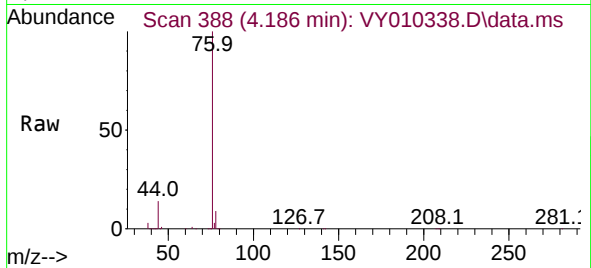




#17  
Carbon Disulfide  
Concen: 45.656 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

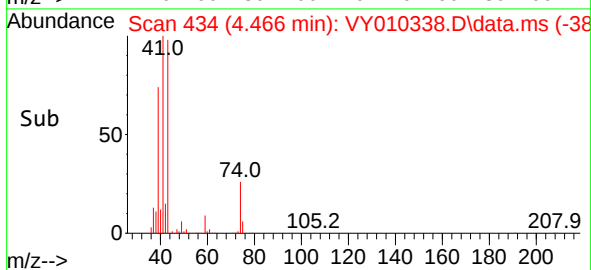
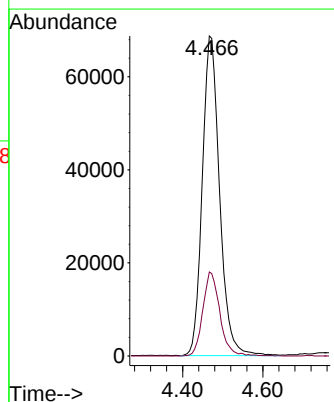
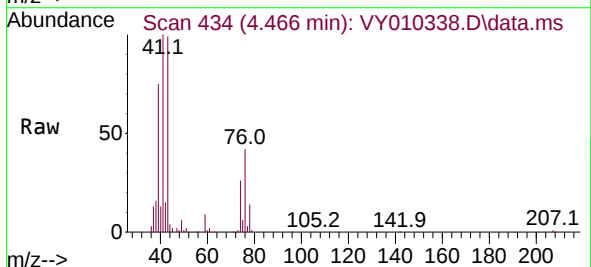
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

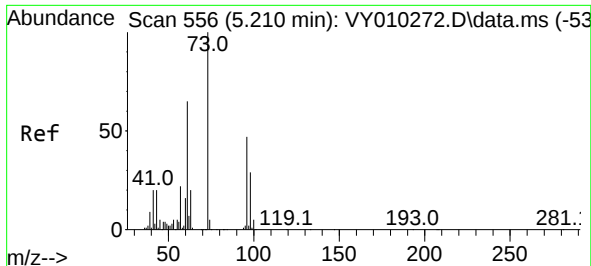
Tgt Ion: 76 Resp: 395448  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 90.505 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.007 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 43 Resp: 205655  
Ion Ratio Lower Upper  
43 100  
74 25.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 53.376 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

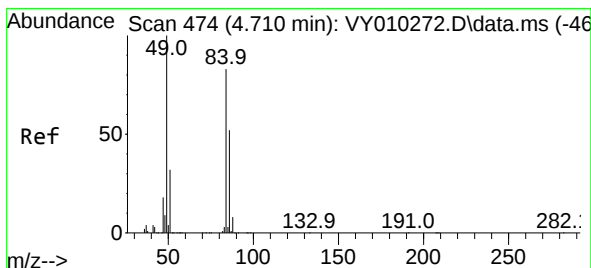
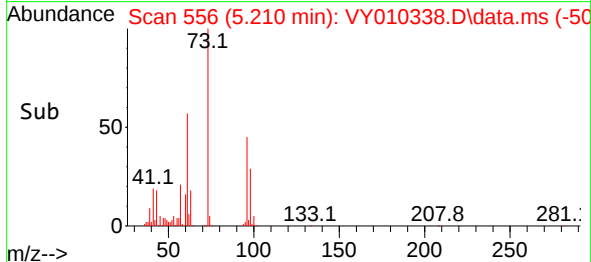
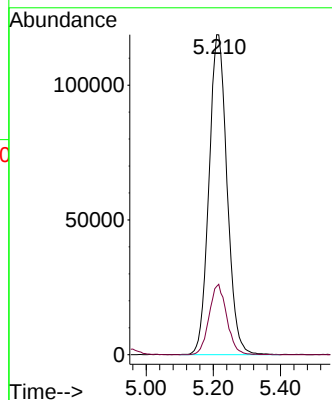
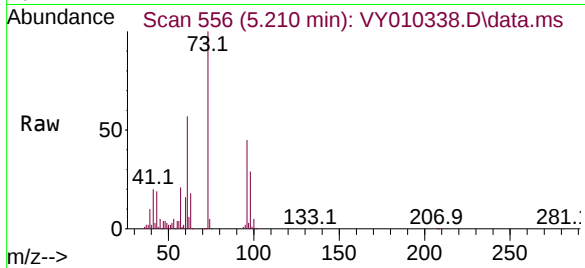
SB-03-9-11MSD

Tgt Ion: 73 Resp: 443708

Ion Ratio Lower Upper

73 100

57 21.3 18.6 27.8



#20

Methylene Chloride

Concen: 55.984 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Tgt Ion: 84 Resp: 197819

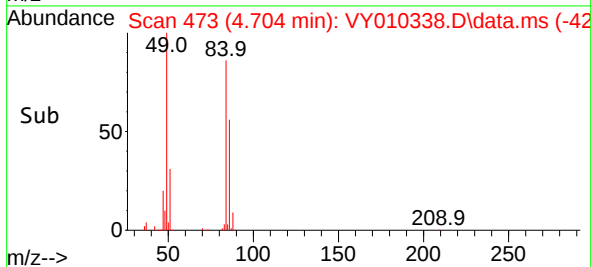
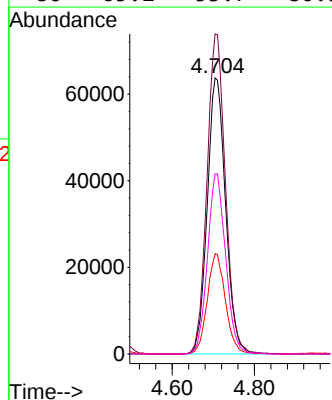
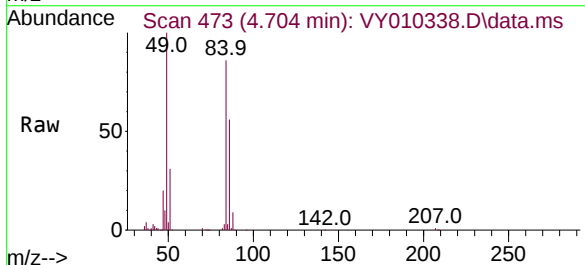
Ion Ratio Lower Upper

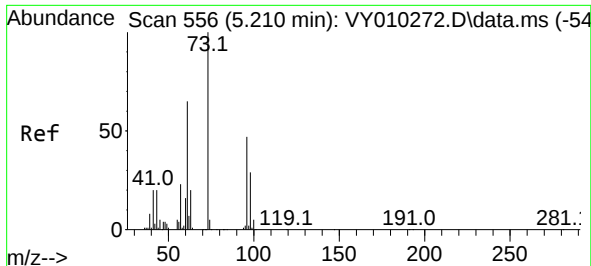
84 100

49 115.9 114.4 171.6

51 36.3 35.3 52.9

86 65.2 53.7 80.5

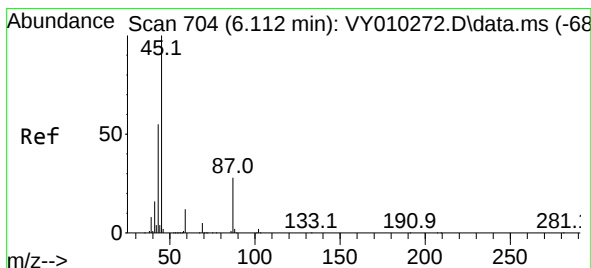
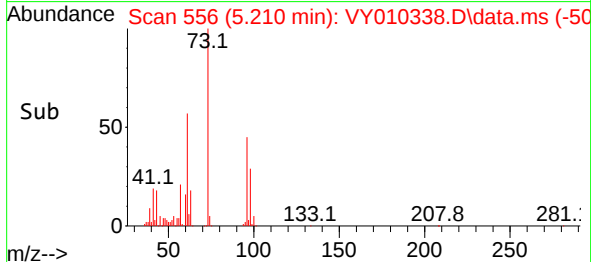
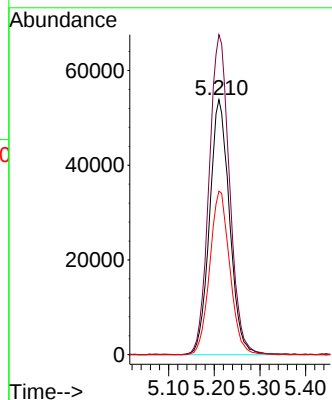
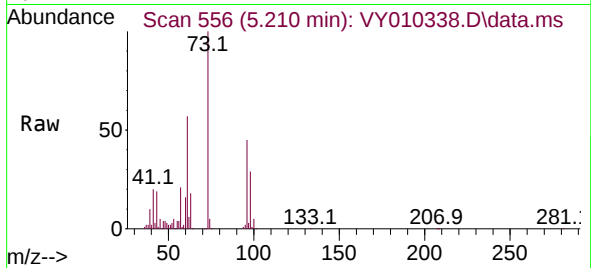




#21  
trans-1,2-Dichloroethene  
Concen: 50.878 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

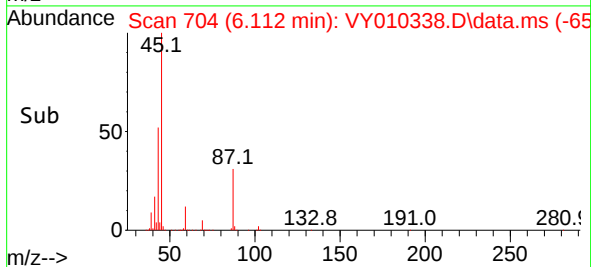
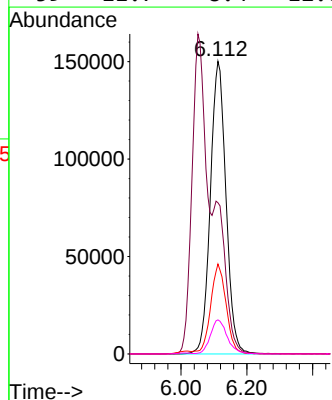
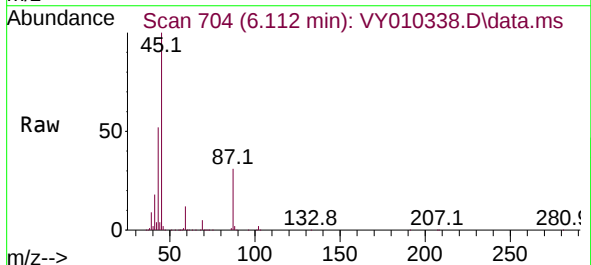
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

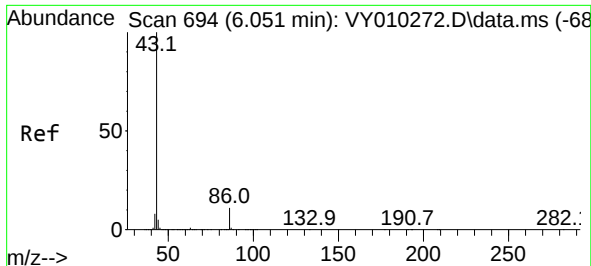
Tgt Ion: 96 Resp: 163943  
Ion Ratio Lower Upper  
96 100  
61 125.5 120.5 180.7  
98 64.1 49.8 74.8



#22  
Diisopropyl ether  
Concen: 48.830 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 45 Resp: 496688  
Ion Ratio Lower Upper  
45 100  
43 51.5 49.3 73.9  
87 30.7 19.2 28.8#  
59 11.7 8.4 12.6

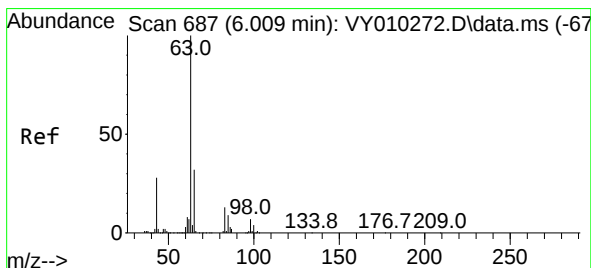
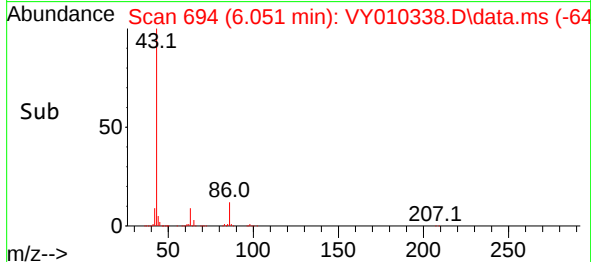
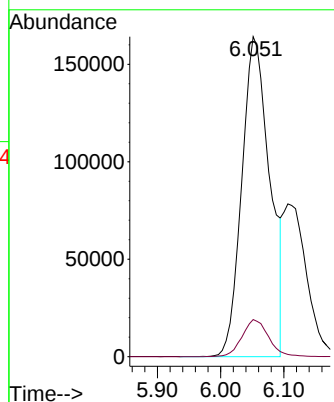
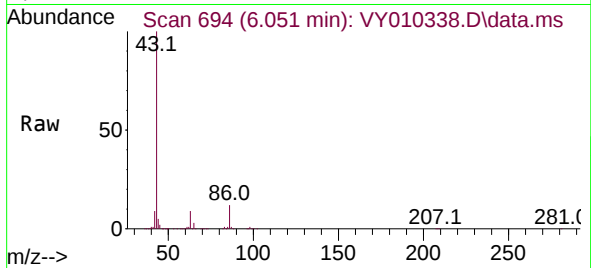




#23  
 Vinyl Acetate  
 Concen: 79.516 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY010338.D  
 Acq: 03 Sep 2022 22:10

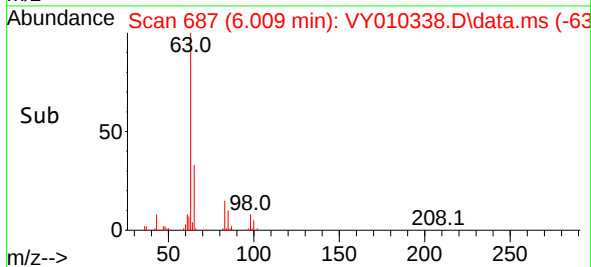
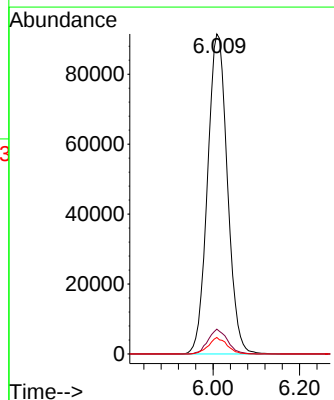
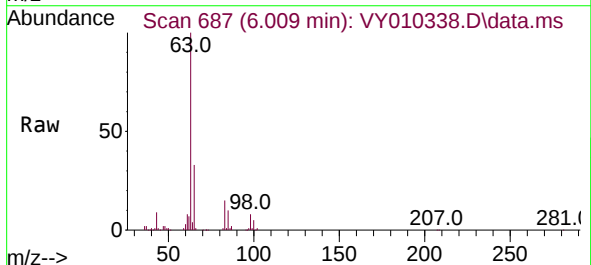
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-9-11MSD

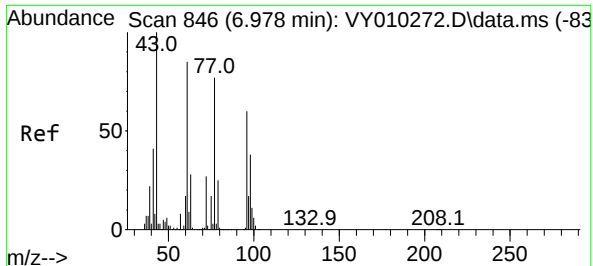
Tgt Ion: 43 Resp: 507120  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.735 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.000 min  
 Lab File: VY010338.D  
 Acq: 03 Sep 2022 22:10

Tgt Ion: 63 Resp: 291429  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.6 10.8  
 100 5.2 2.0 5.8





#25

2-Butanone

Concen: 238.153 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

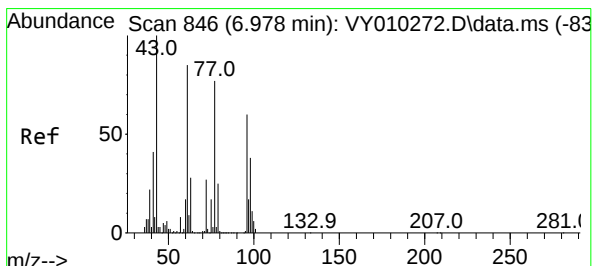
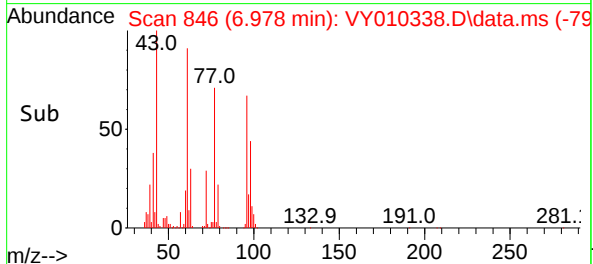
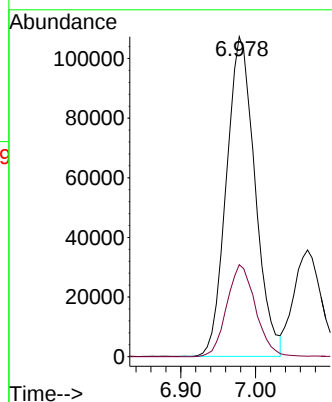
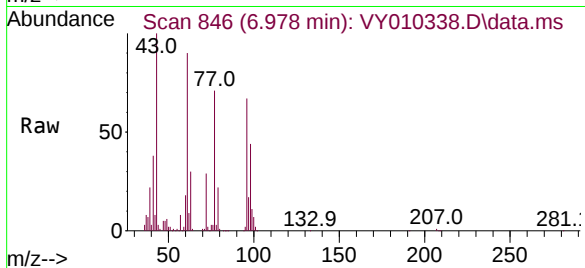
SB-03-9-11MSD

Tgt Ion: 43 Resp: 286178

Ion Ratio Lower Upper

43 100

72 28.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 43.519 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010338.D

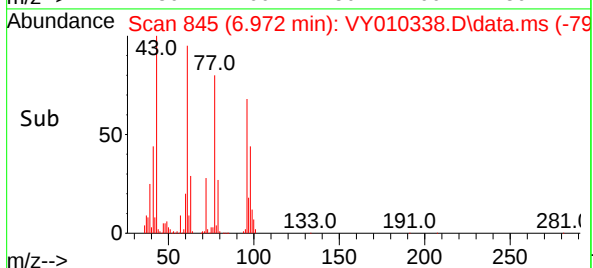
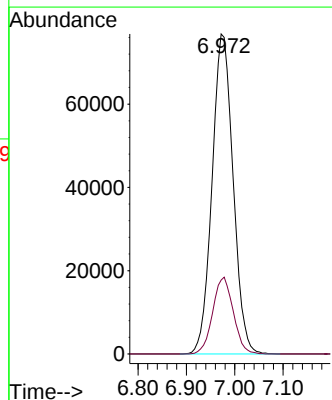
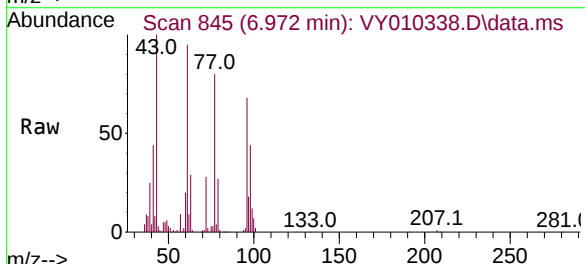
Acq: 03 Sep 2022 22:10

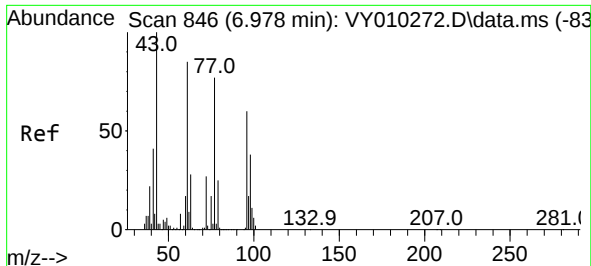
Tgt Ion: 77 Resp: 232261

Ion Ratio Lower Upper

77 100

97 23.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 53.048 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

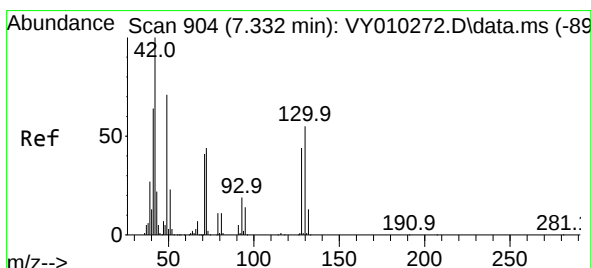
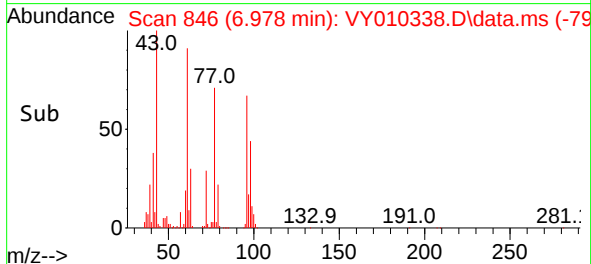
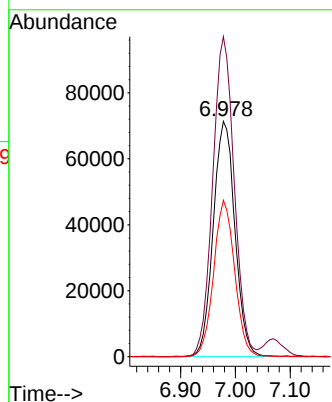
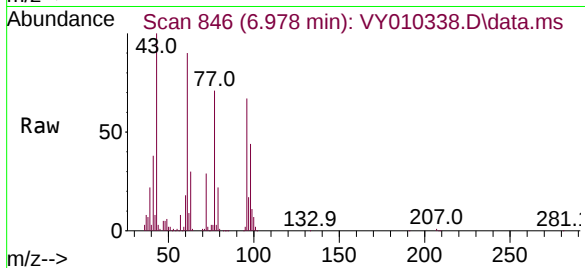
Tgt Ion: 96 Resp: 195351

Ion Ratio Lower Upper

96 100

61 135.5 0.0 319.8

98 64.7 0.0 127.0



#28

Bromochloromethane

Concen: 52.445 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

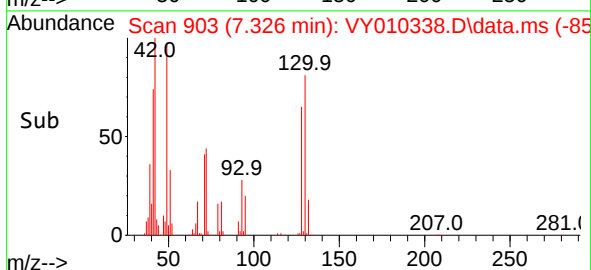
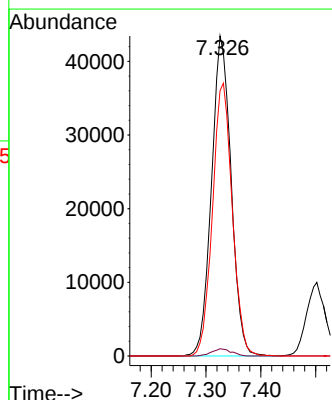
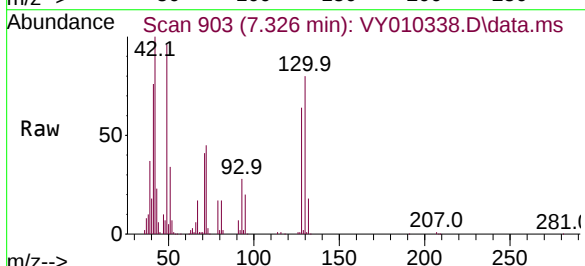
Tgt Ion: 49 Resp: 107766

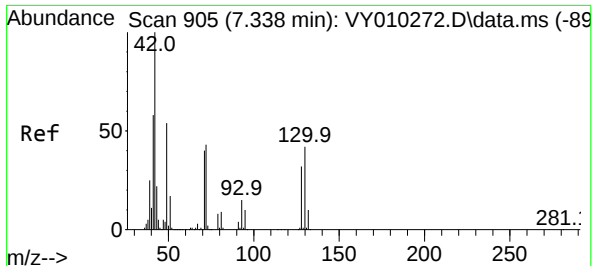
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 85.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 245.835 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

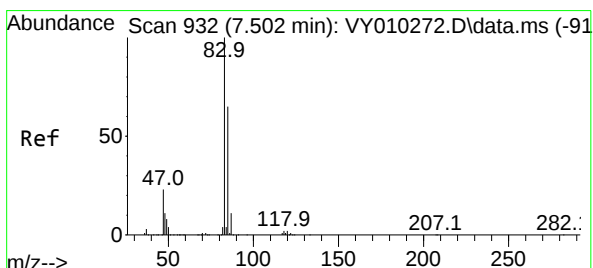
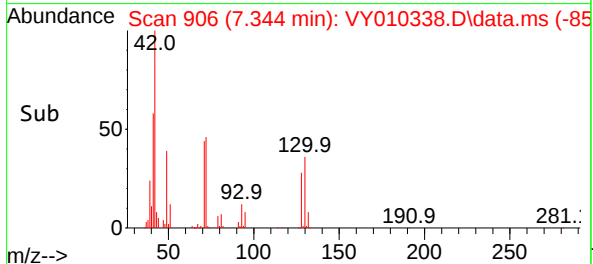
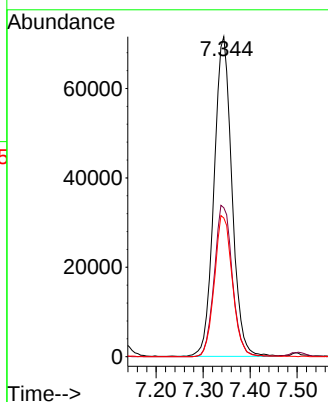
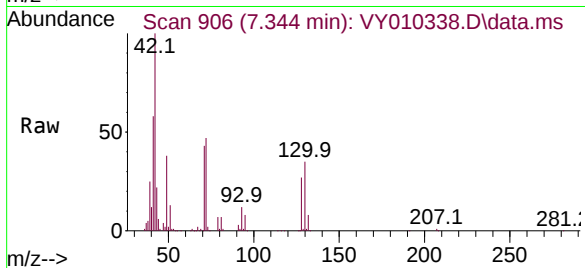
Tgt Ion: 42 Resp: 189254

Ion Ratio Lower Upper

42 100

72 47.8 30.3 45.5#

71 44.4 29.0 43.4#



#30

Chloroform

Concen: 53.765 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010338.D

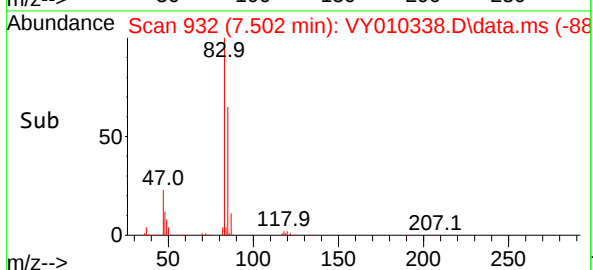
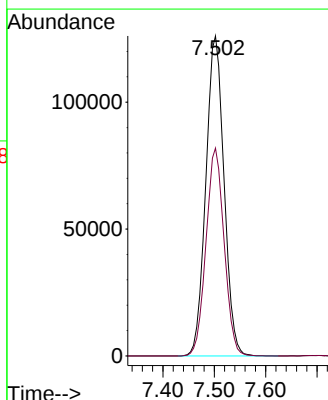
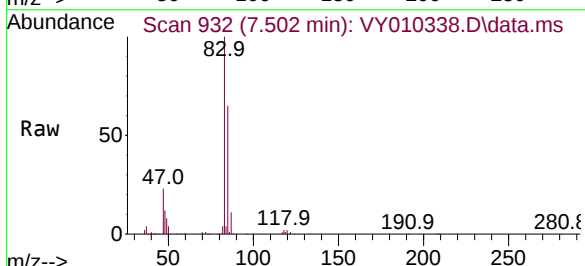
Acq: 03 Sep 2022 22:10

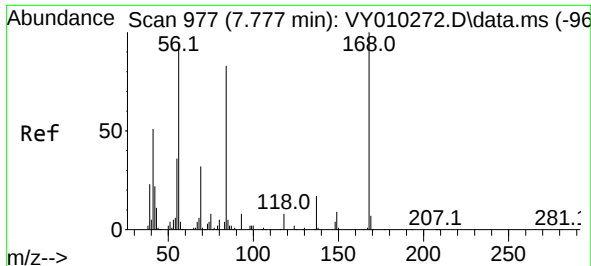
Tgt Ion: 83 Resp: 310244

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

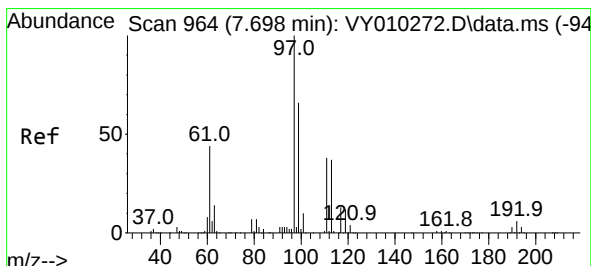
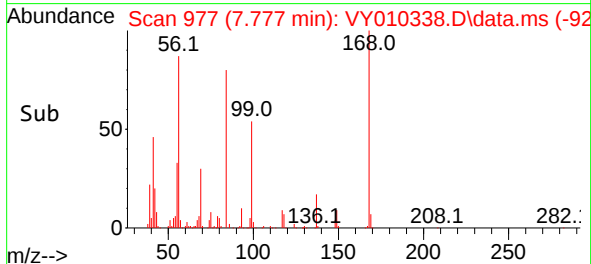
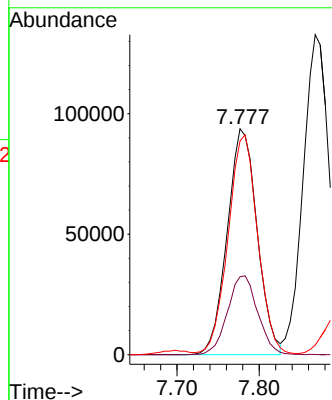
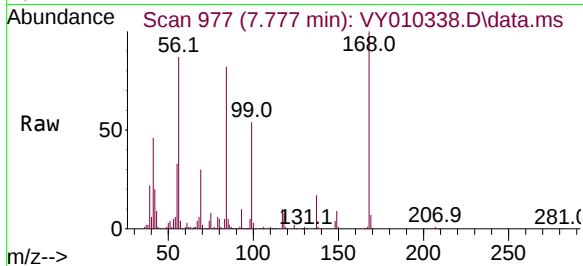




#31  
Cyclohexane  
Concen: 41.572 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

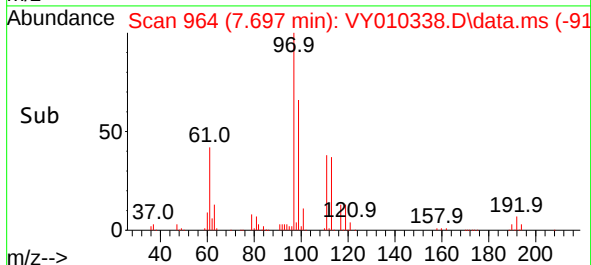
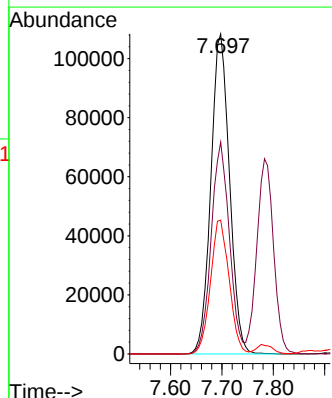
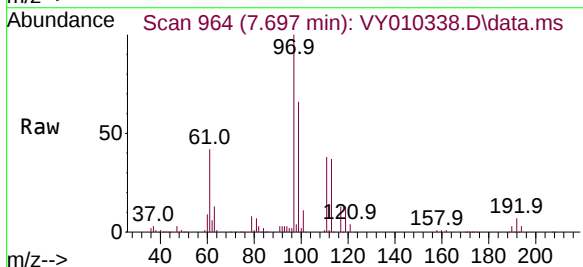
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

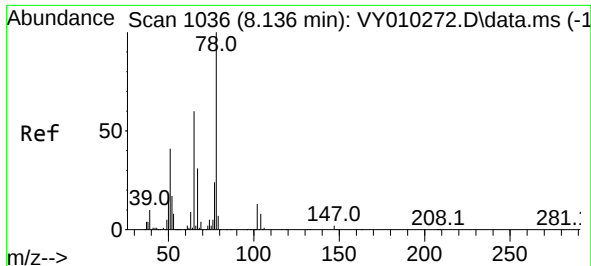
Tgt Ion: 56 Resp: 237525  
Ion Ratio Lower Upper  
56 100  
69 34.5 26.7 40.1  
84 93.0 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 52.038 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 97 Resp: 273607  
Ion Ratio Lower Upper  
97 100  
99 65.0 50.7 76.1  
61 41.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 54.943 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

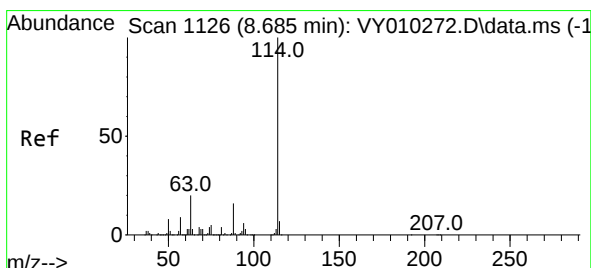
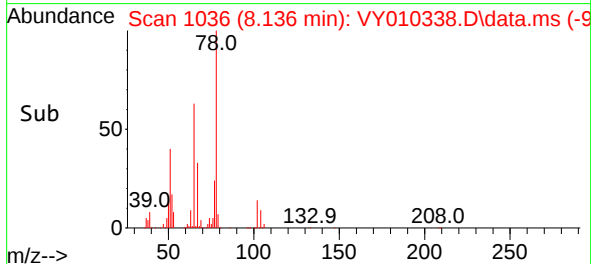
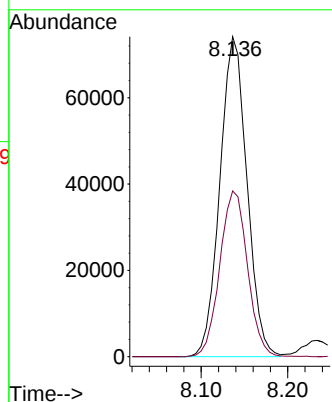
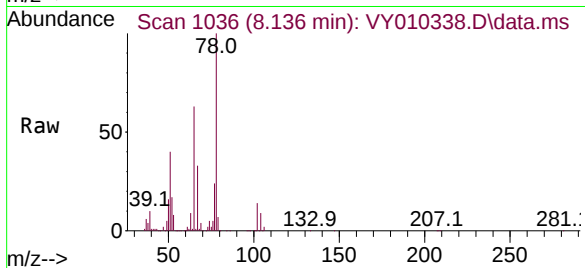
SB-03-9-11MSD

Tgt Ion: 65 Resp: 160927

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

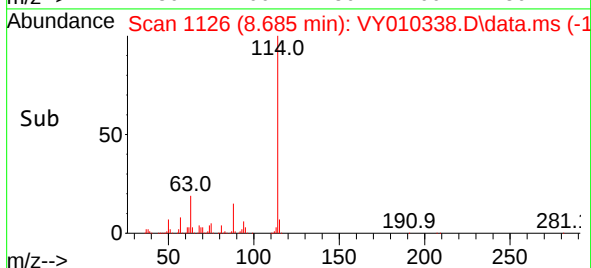
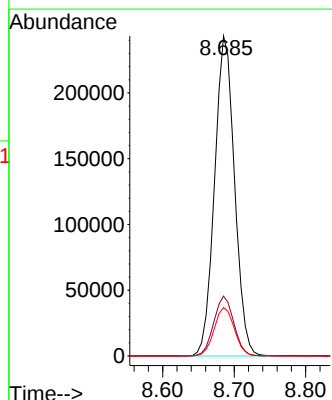
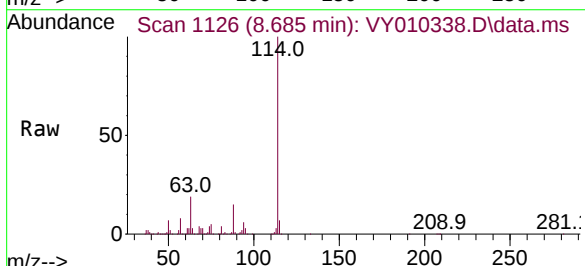
Tgt Ion: 114 Resp: 472152

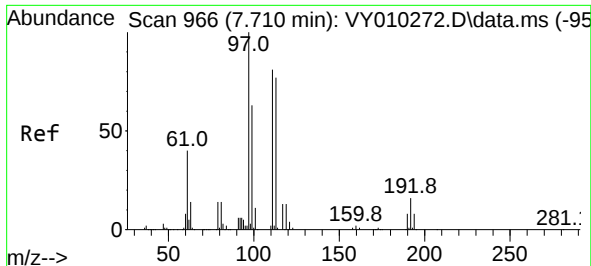
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.2 0.0 31.8

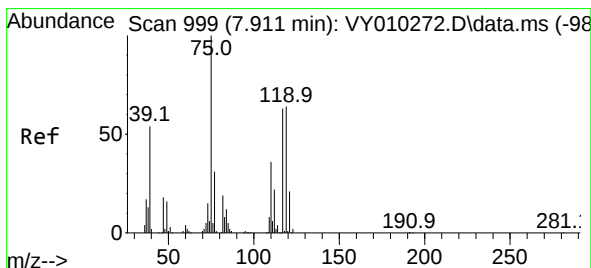
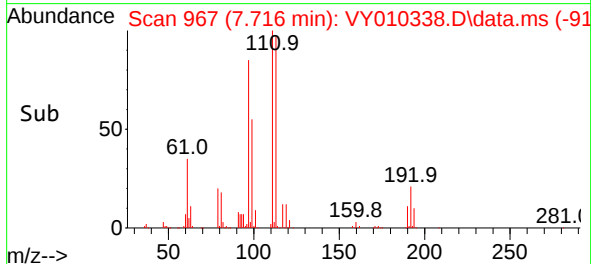
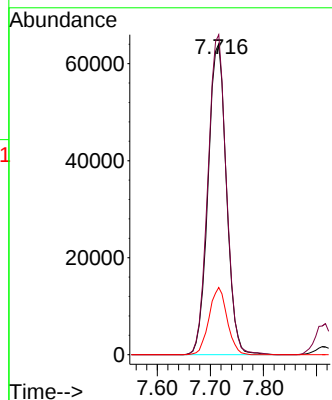
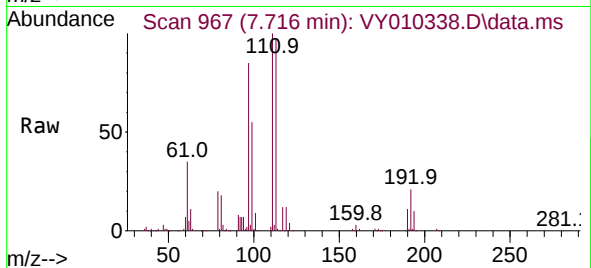




#35  
Dibromofluoromethane  
Concen: 48.975 ug/l  
RT: 7.716 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

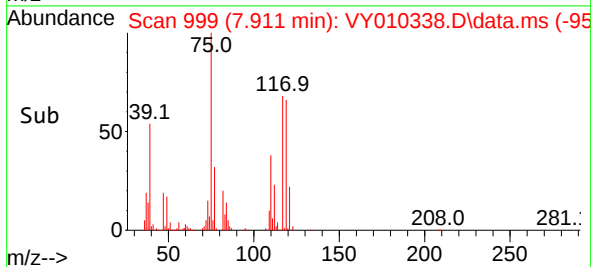
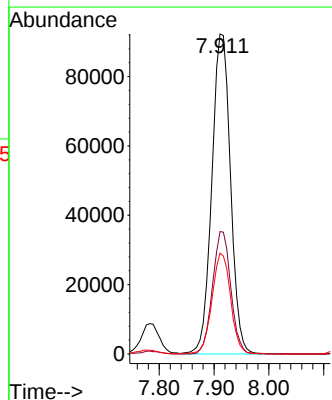
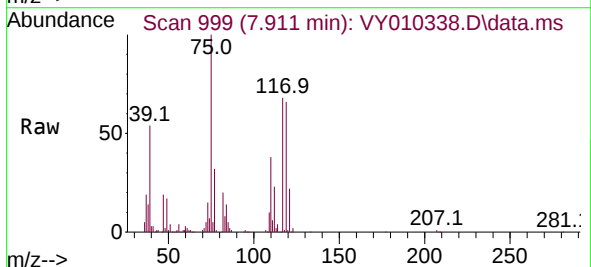
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

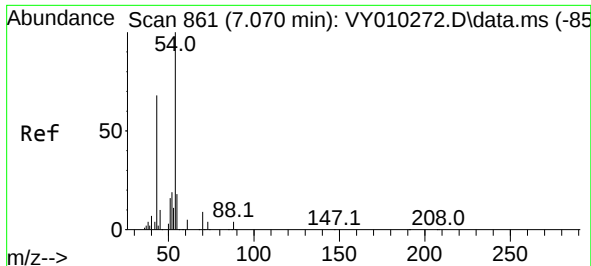
Tgt Ion:113 Resp: 153940  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.6 124.0  
192 21.3 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 47.340 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 75 Resp: 218321  
Ion Ratio Lower Upper  
75 100  
110 37.4 17.1 51.2  
77 31.3 24.4 36.6

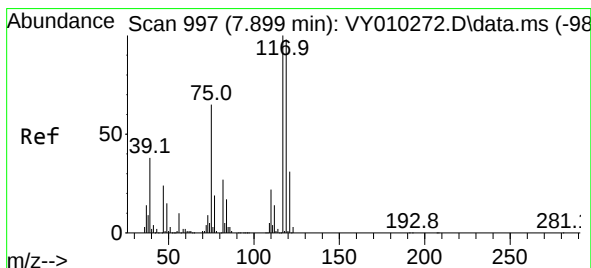
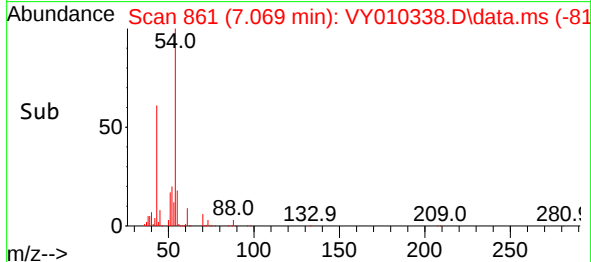
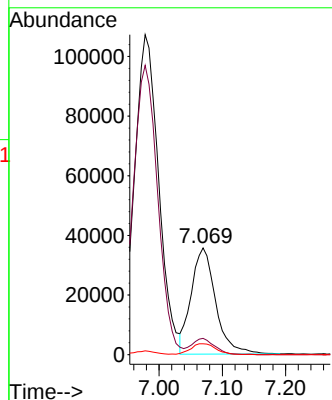
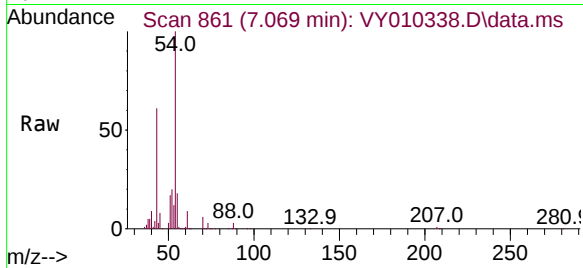




#37  
Ethyl Acetate  
Concen: 36.212 ug/l  
RT: 7.069 min Scan# 861  
Delta R.T. -0.001 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

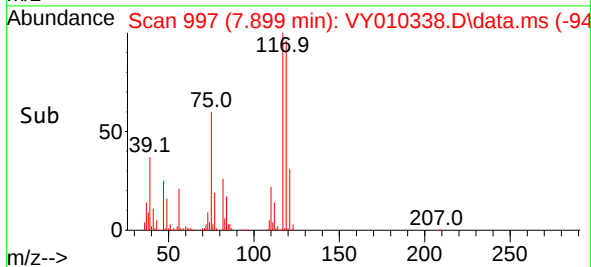
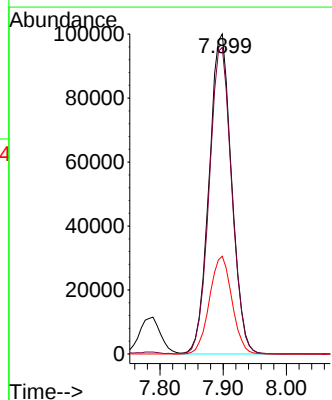
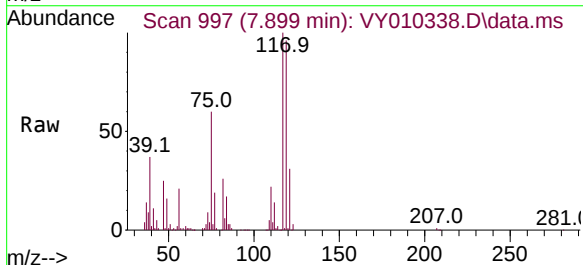
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

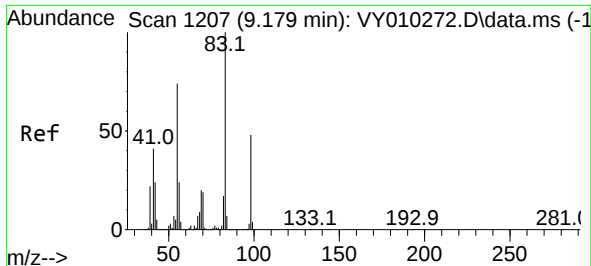
Tgt Ion: 43 Resp: 95748  
Ion Ratio Lower Upper  
43 100  
61 14.4 9.7 14.5  
70 10.8 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 51.961 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 117 Resp: 246965  
Ion Ratio Lower Upper  
117 100  
119 95.8 77.9 116.9  
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 44.594 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

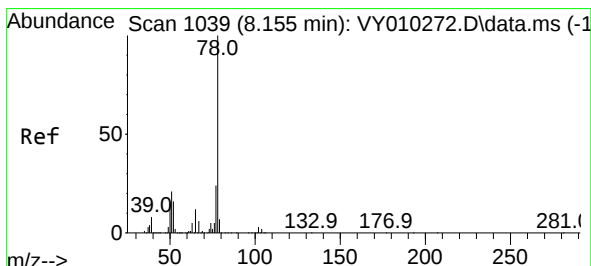
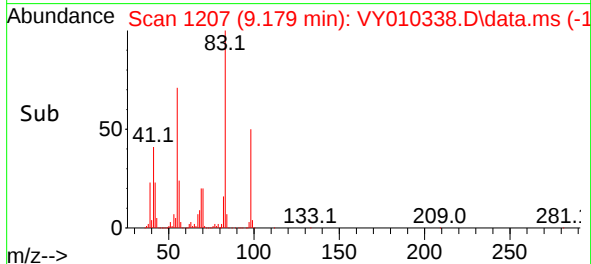
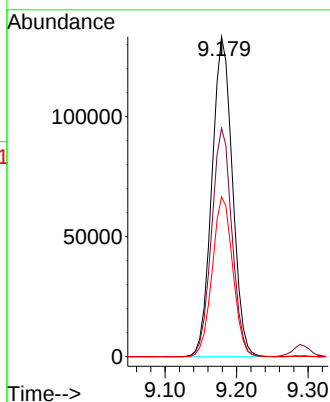
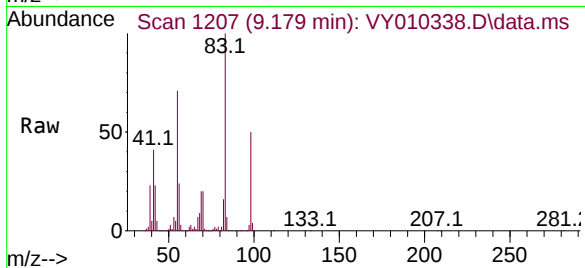
Tgt Ion: 83 Resp: 265505

Ion Ratio Lower Upper

83 100

55 71.4 66.5 99.7

98 50.0 37.9 56.9



#40

Benzene

Concen: 50.225 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010338.D

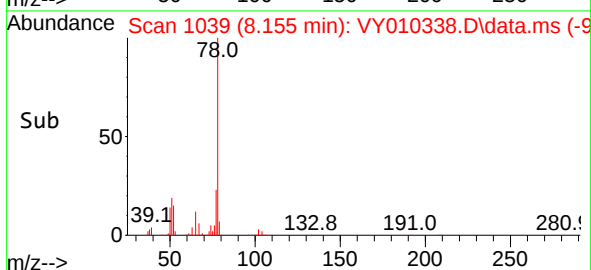
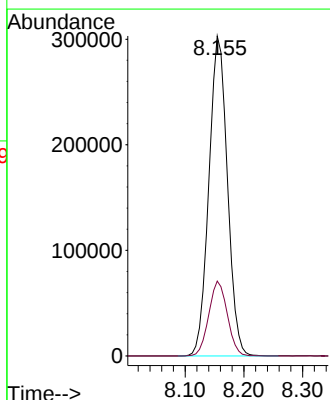
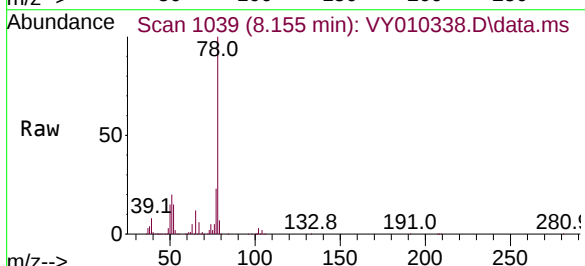
Acq: 03 Sep 2022 22:10

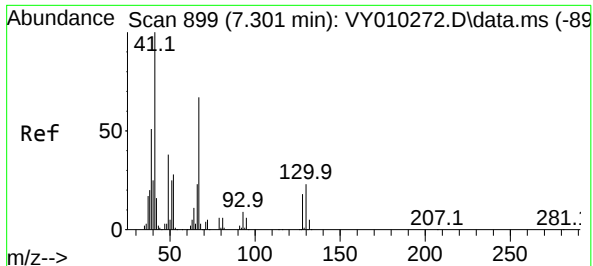
Tgt Ion: 78 Resp: 663362

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

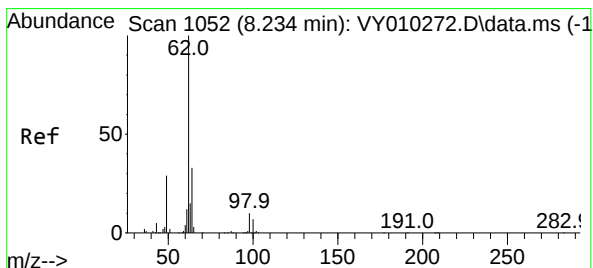
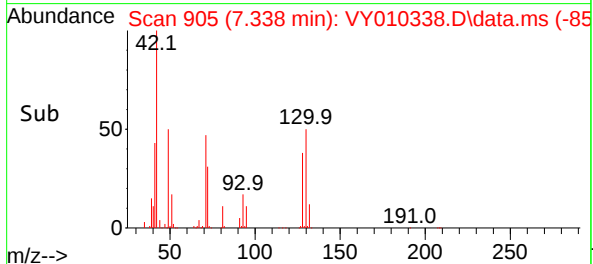
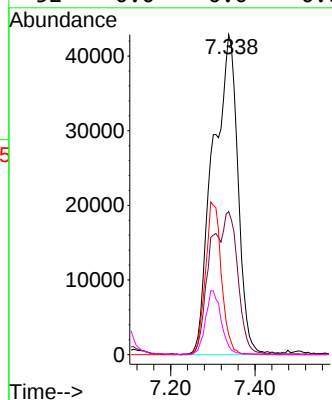
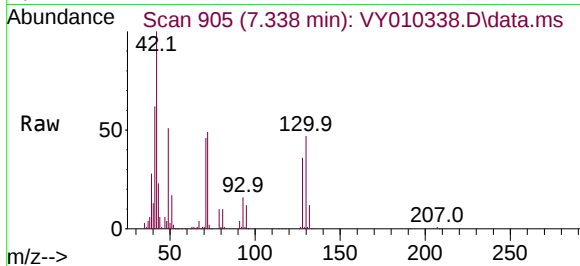




#41  
Methacrylonitrile  
Concen: 117.980 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.037 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

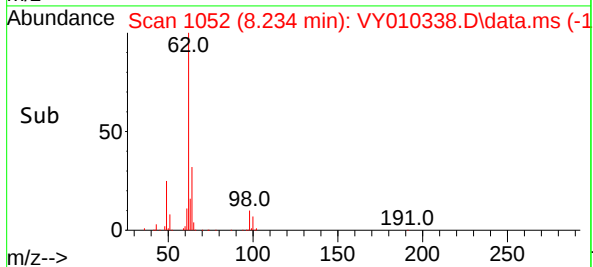
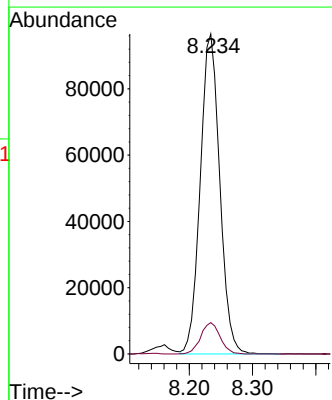
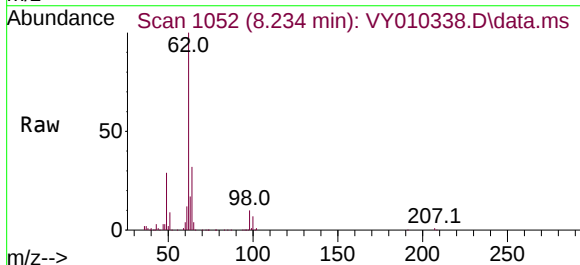
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

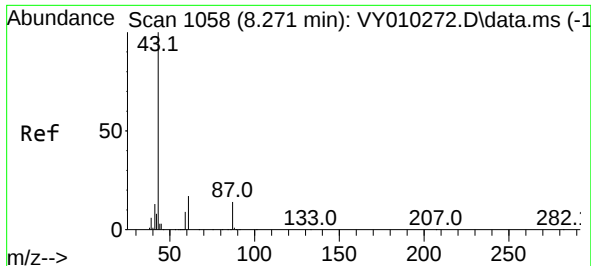
Tgt Ion: 41 Resp: 175869  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 54.109 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 62 Resp: 207212  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 41.126 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

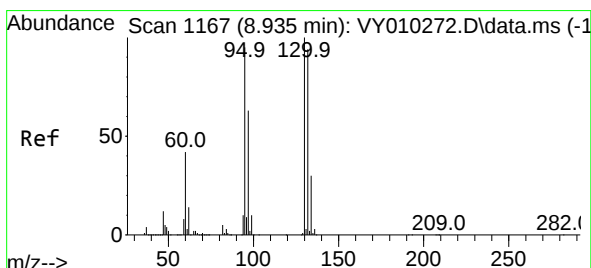
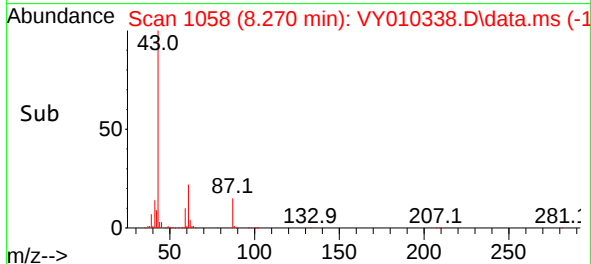
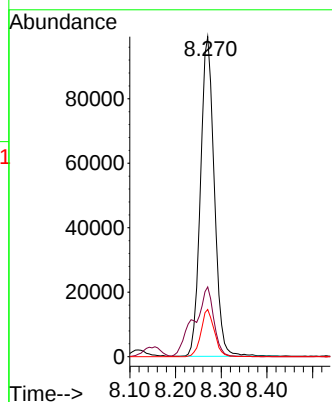
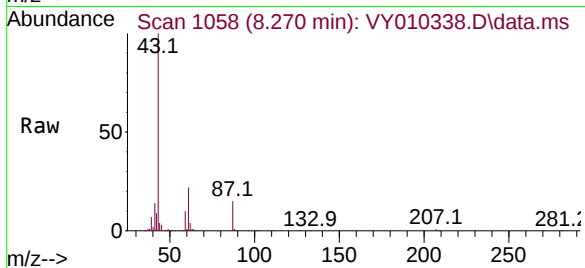
Tgt Ion: 43 Resp: 207284

Ion Ratio Lower Upper

43 100

61 31.5 20.2 30.2#

87 14.4 8.9 13.3#



#44

Trichloroethene

Concen: 51.773 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY010338.D

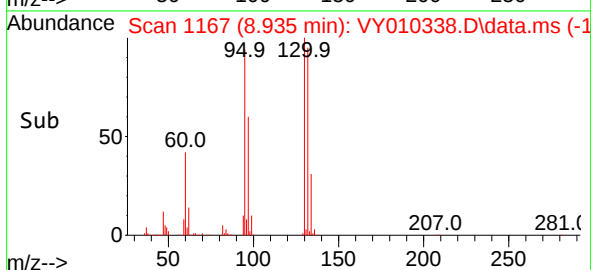
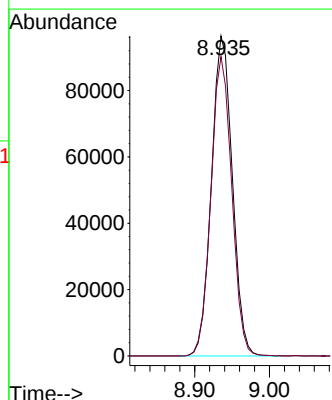
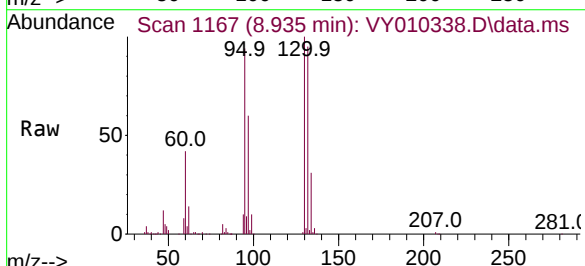
Acq: 03 Sep 2022 22:10

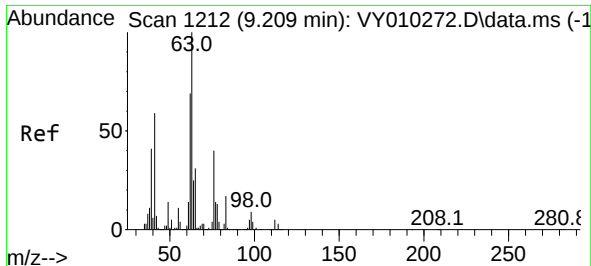
Tgt Ion:130 Resp: 187725

Ion Ratio Lower Upper

130 100

95 93.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.534 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

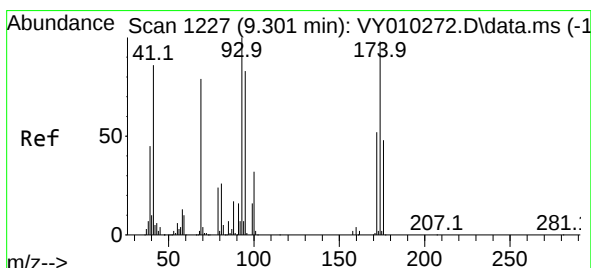
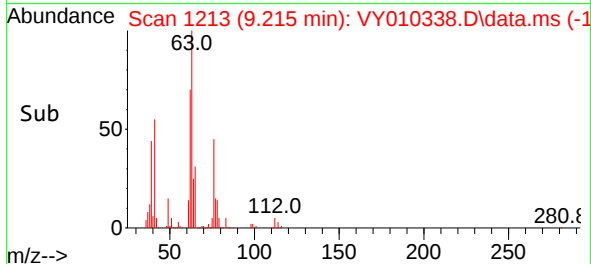
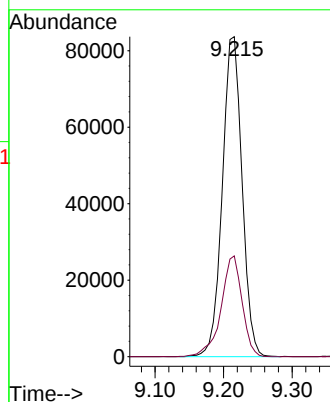
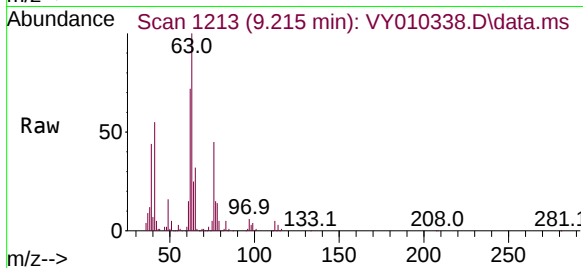
SB-03-9-11MSD

Tgt Ion: 63 Resp: 166682

Ion Ratio Lower Upper

63 100

65 31.5 23.0 34.6



#46

Dibromomethane

Concen: 54.967 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

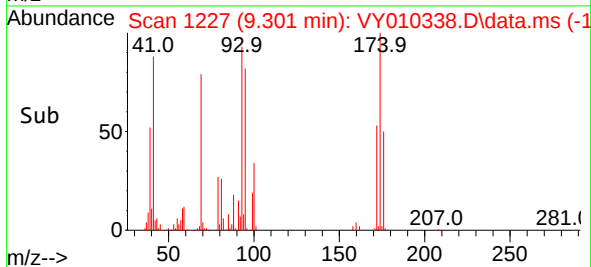
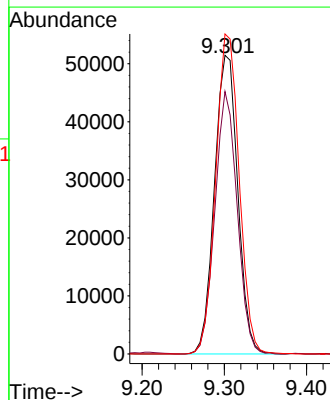
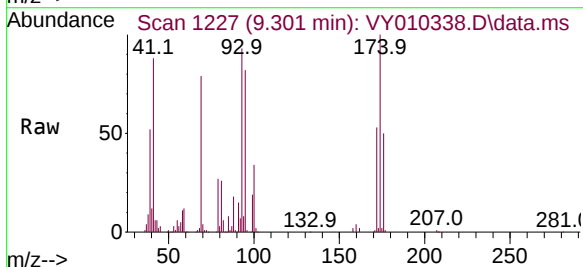
Tgt Ion: 93 Resp: 101592

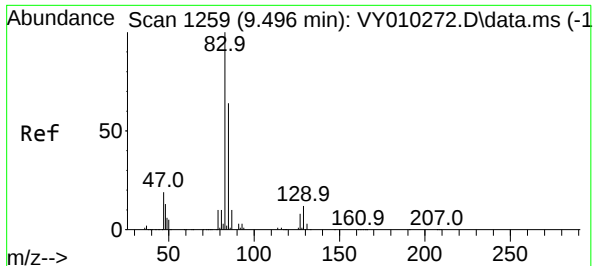
Ion Ratio Lower Upper

93 100

95 84.0 64.3 96.5

174 108.0 83.4 125.0





#47

Bromodichloromethane

Concen: 53.780 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

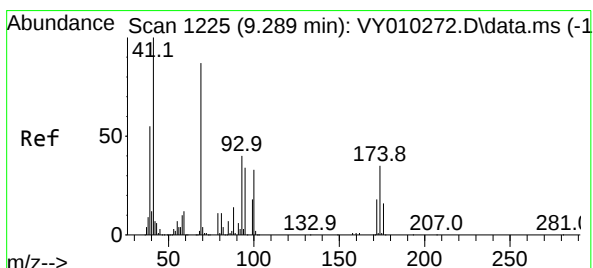
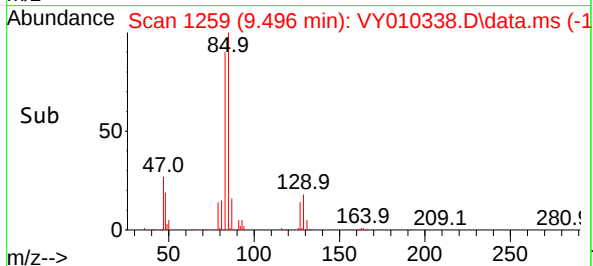
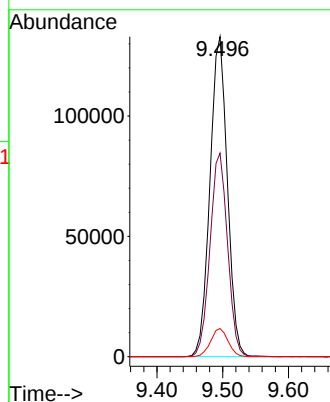
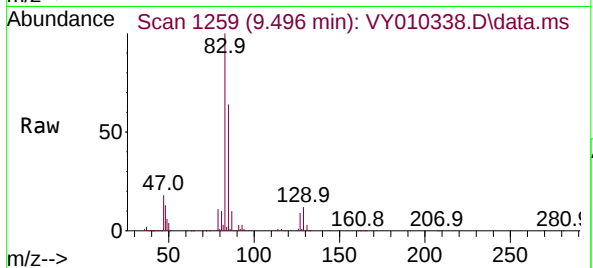
Tgt Ion: 83 Resp: 244443

Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

127 8.8 6.6 10.0



#48

Methyl methacrylate

Concen: 54.906 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

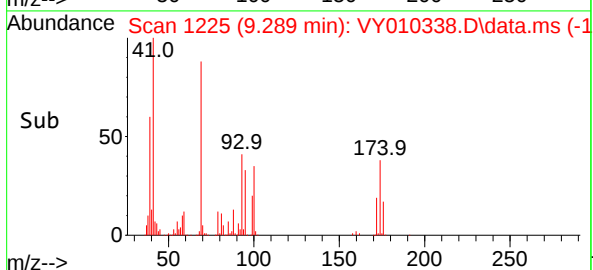
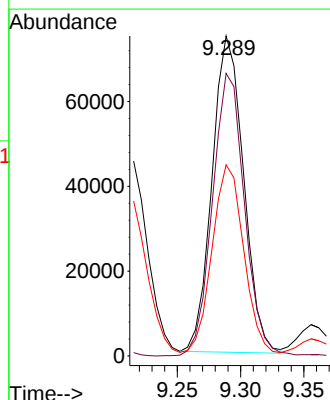
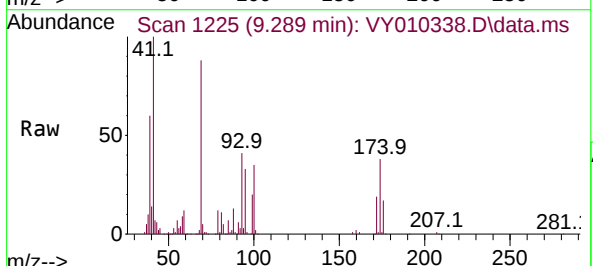
Tgt Ion: 41 Resp: 129087

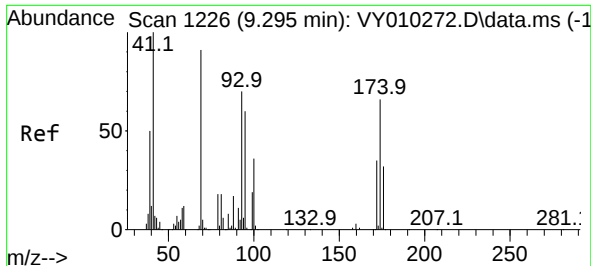
Ion Ratio Lower Upper

41 100

69 91.5 58.2 87.2#

39 61.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1071.435 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

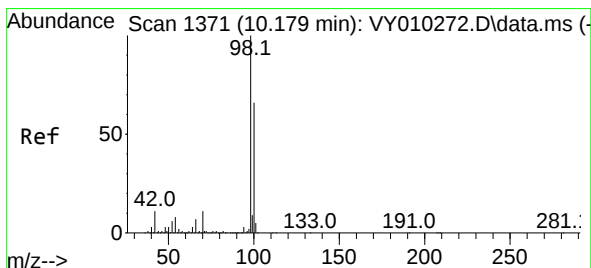
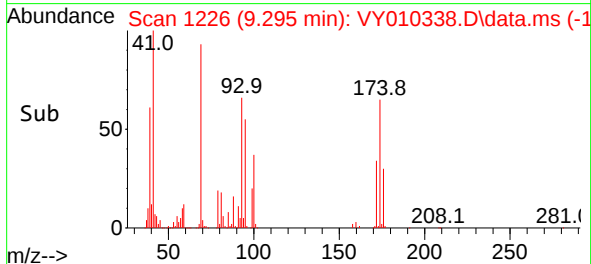
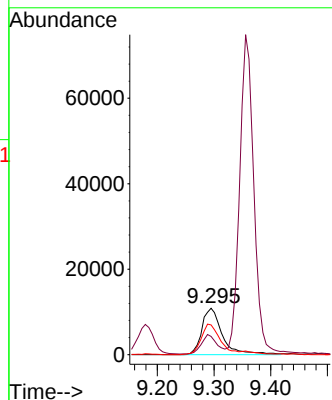
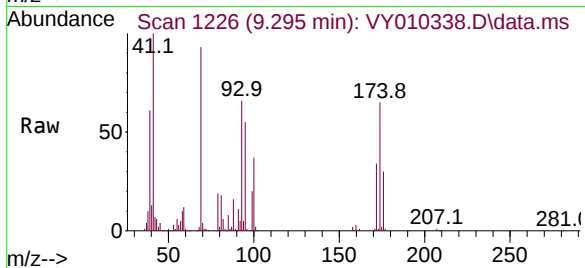
Tgt Ion: 88 Resp: 27248

Ion Ratio Lower Upper

88 100

43 31.3 32.8 49.2#

58 67.1 59.8 89.6



#50

Toluene-d8

Concen: 53.560 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010338.D

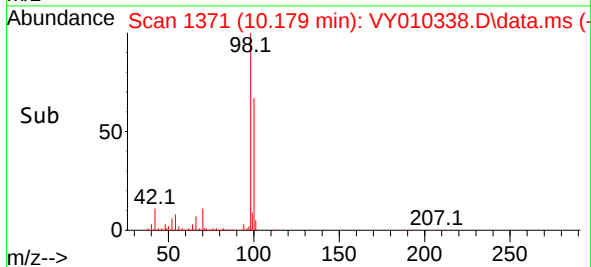
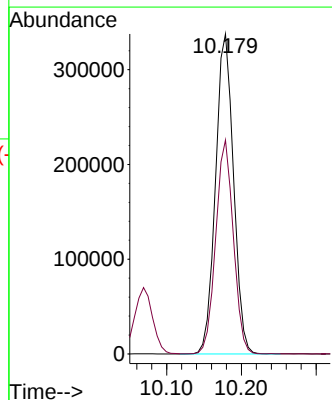
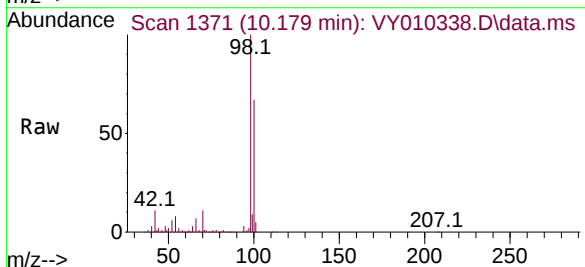
Acq: 03 Sep 2022 22:10

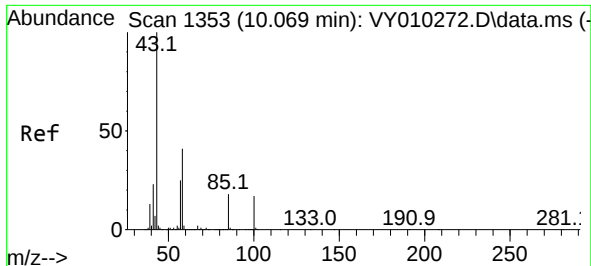
Tgt Ion: 98 Resp: 563638

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

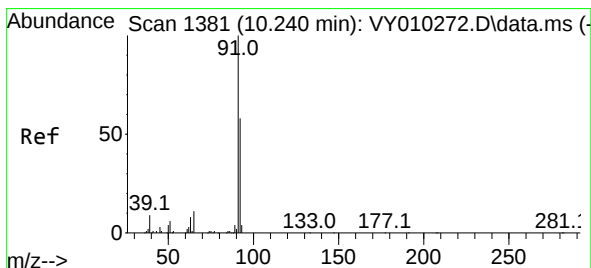
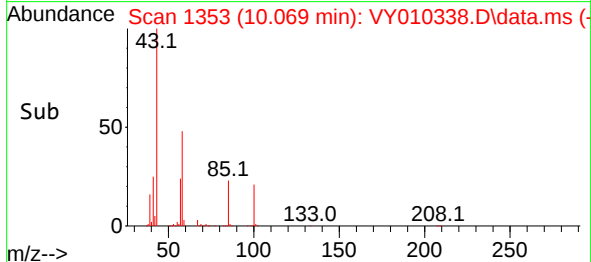
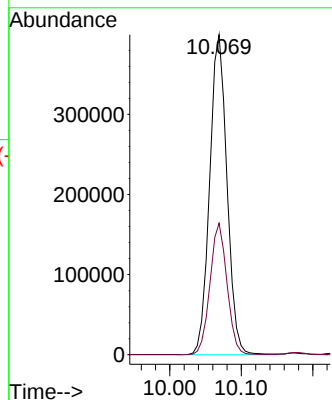
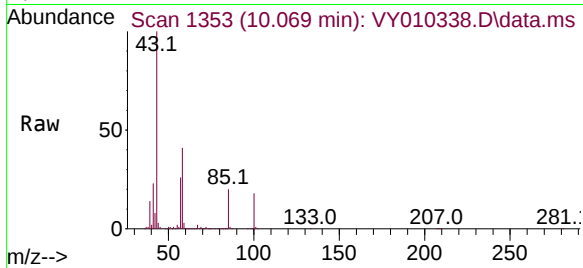




#51  
4-Methyl-2-Pentanone  
Concen: 258.025 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

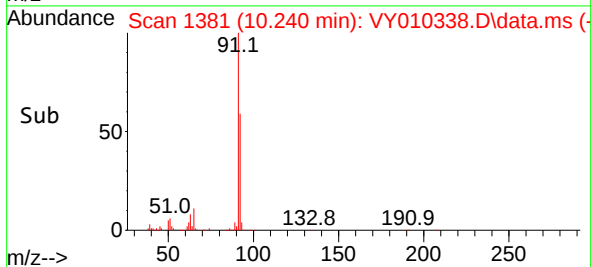
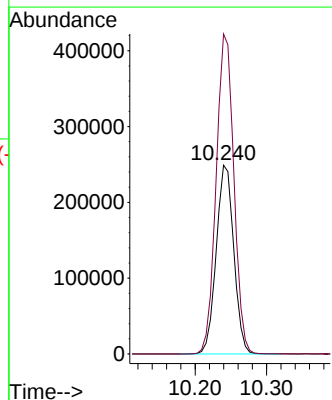
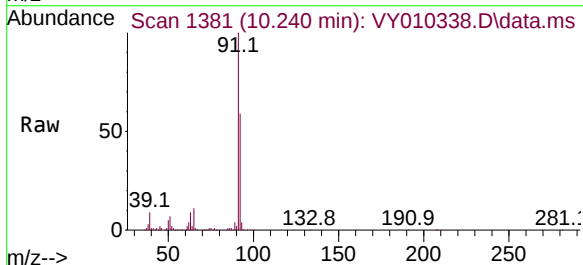
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

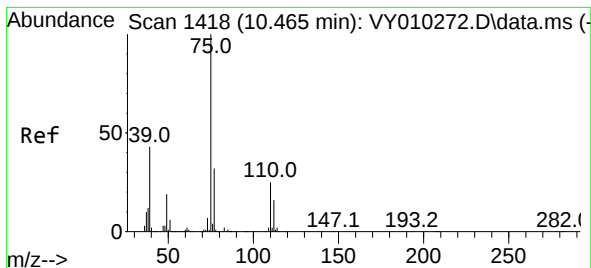
Tgt Ion: 43 Resp: 670958  
Ion Ratio Lower Upper  
43 100  
58 40.4 28.1 42.1



#52  
Toluene  
Concen: 50.193 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 92 Resp: 424074  
Ion Ratio Lower Upper  
92 100  
91 171.3 142.6 213.8

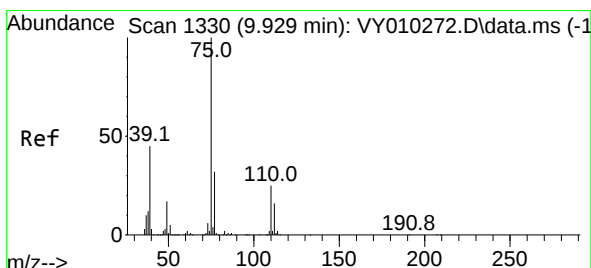
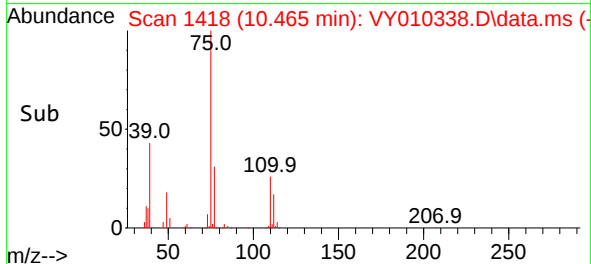
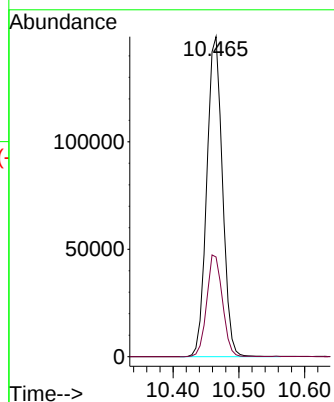
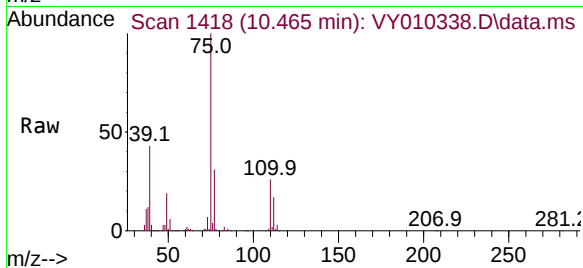




#53  
t-1,3-Dichloropropene  
Concen: 50.297 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

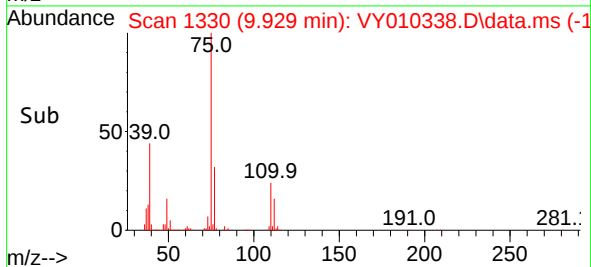
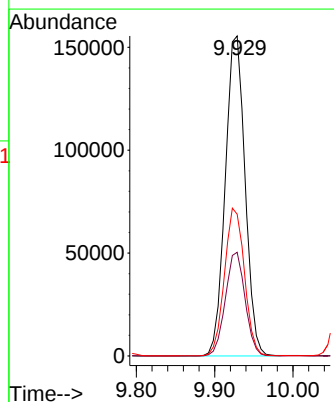
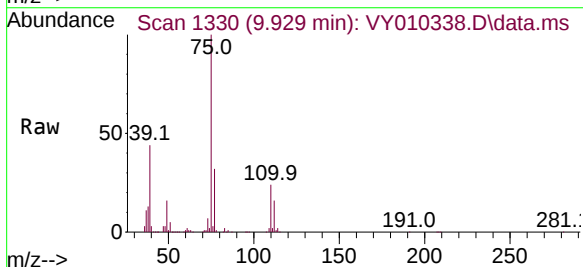
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

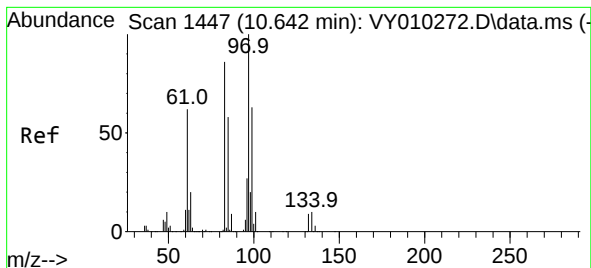
Tgt Ion: 75 Resp: 246572  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 49.466 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 75 Resp: 273439  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.6 38.4  
39 44.3 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 54.960 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

Tgt Ion: 97 Resp: 144197

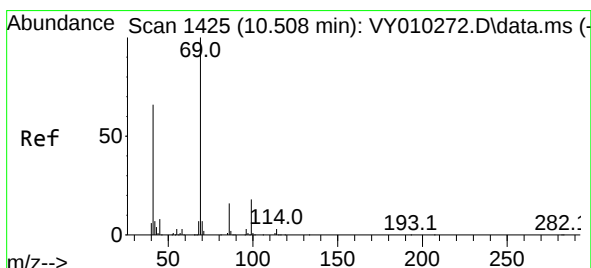
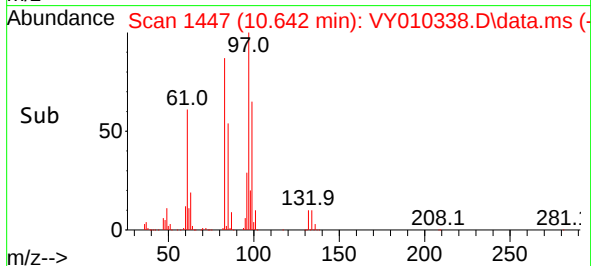
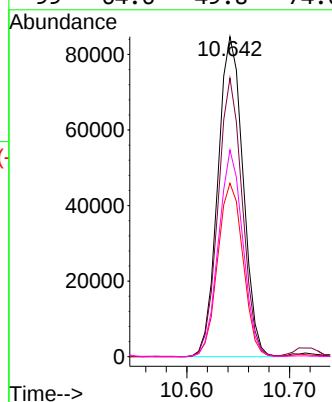
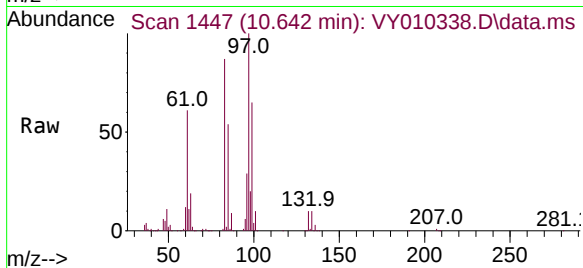
Ion Ratio Lower Upper

97 100

83 87.0 69.8 104.8

85 54.2 44.3 66.5

99 64.6 49.8 74.6



#56

Ethyl methacrylate

Concen: 41.030 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

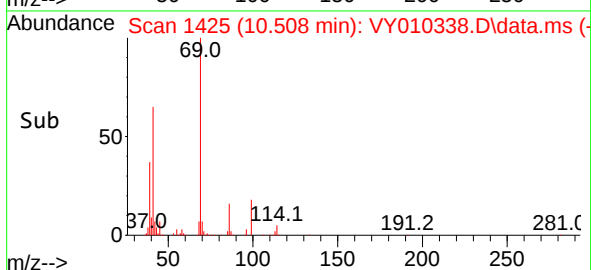
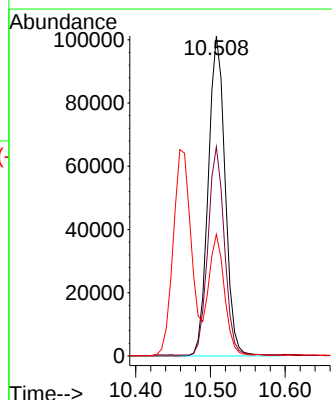
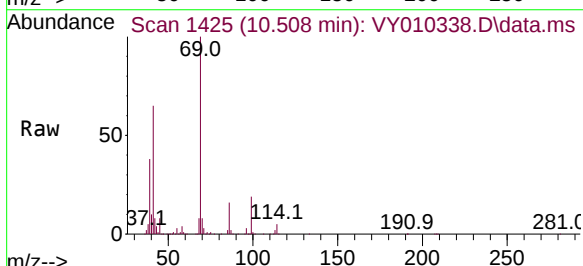
Tgt Ion: 69 Resp: 159039

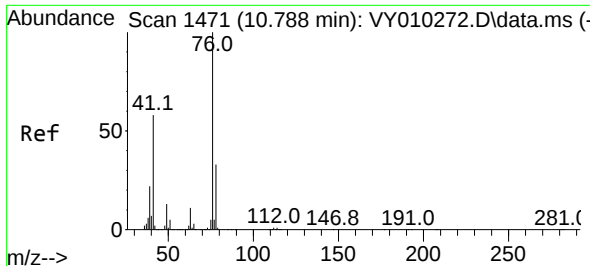
Ion Ratio Lower Upper

69 100

41 63.3 63.4 95.0#

39 34.2 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 52.780 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

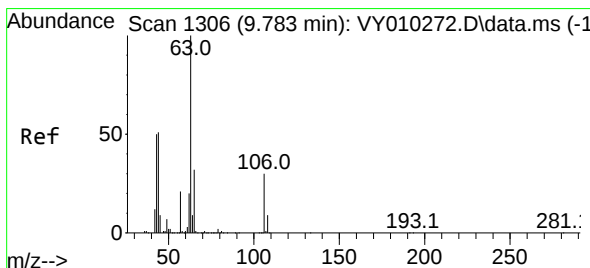
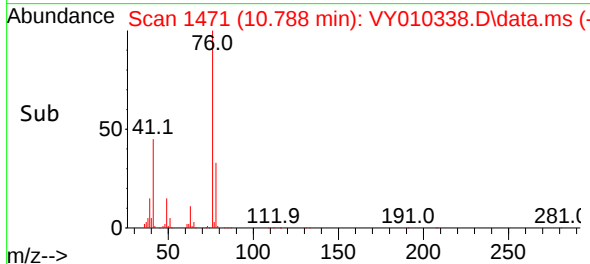
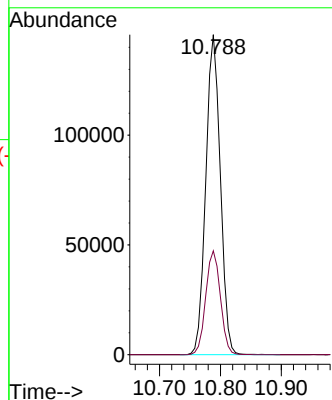
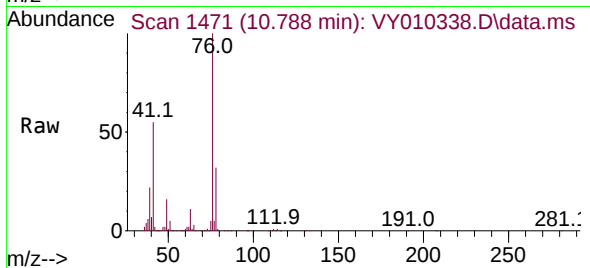
SB-03-9-11MSD

Tgt Ion: 76 Resp: 241365

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 225.866 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010338.D

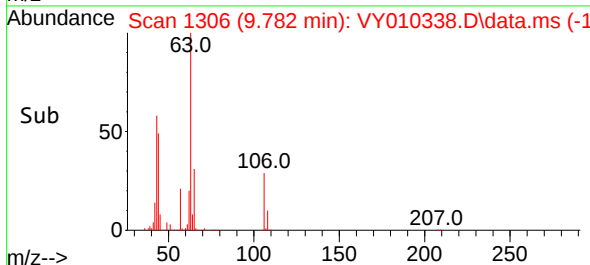
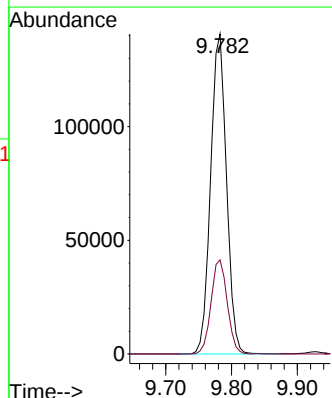
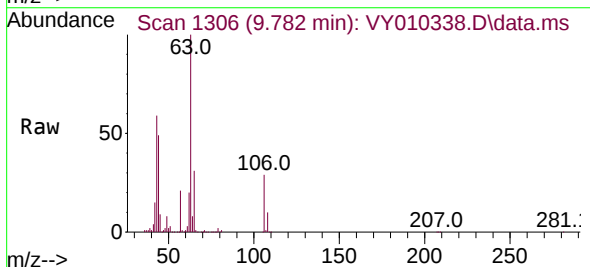
Acq: 03 Sep 2022 22:10

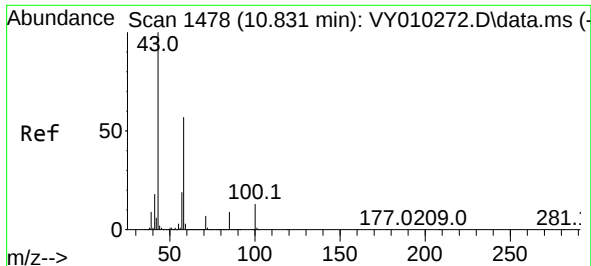
Tgt Ion: 63 Resp: 236247

Ion Ratio Lower Upper

63 100

106 29.9 21.5 32.3

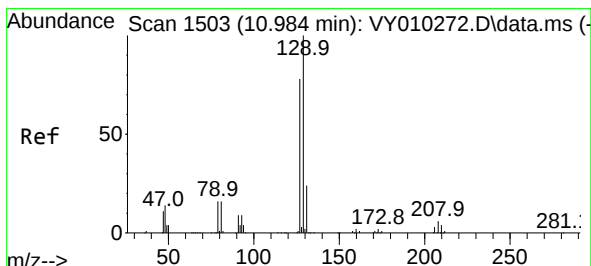
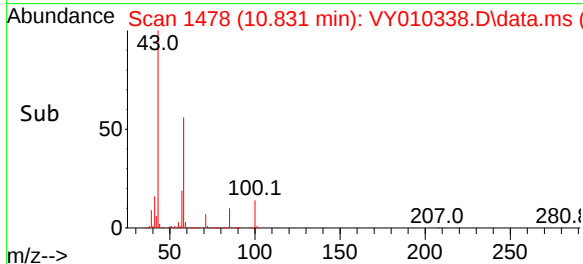
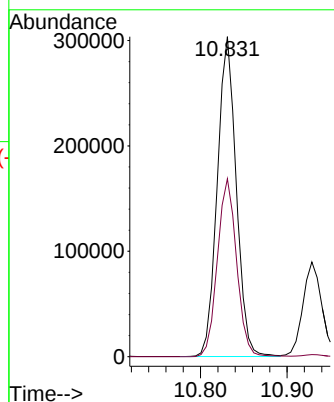
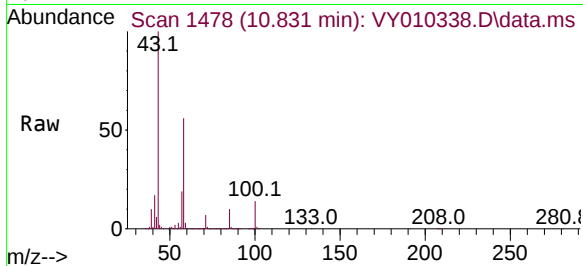




#59  
2-Hexanone  
Concen: 255.725 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

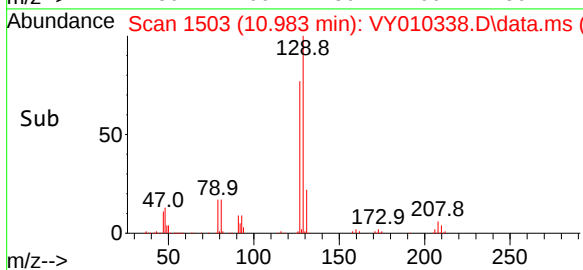
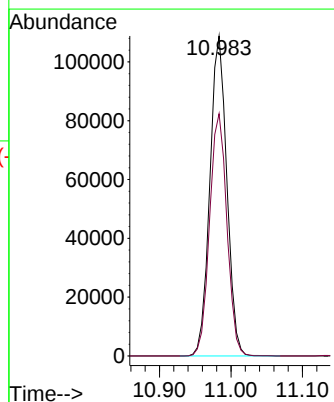
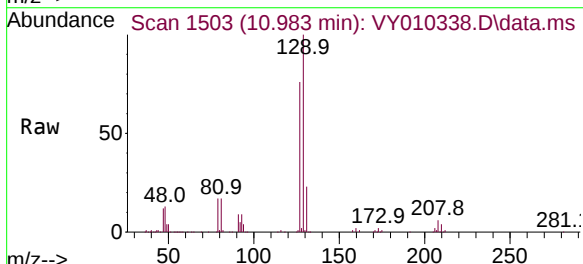
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

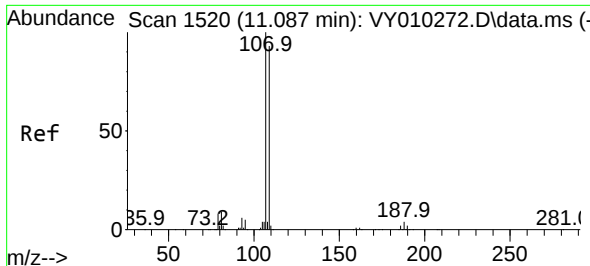
Tgt Ion: 43 Resp: 461116  
Ion Ratio Lower Upper  
43 100  
58 56.4 24.4 73.4



#60  
Dibromochloromethane  
Concen: 56.579 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 129 Resp: 178875  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.7 116.1

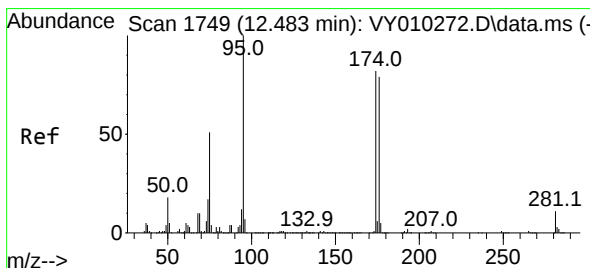
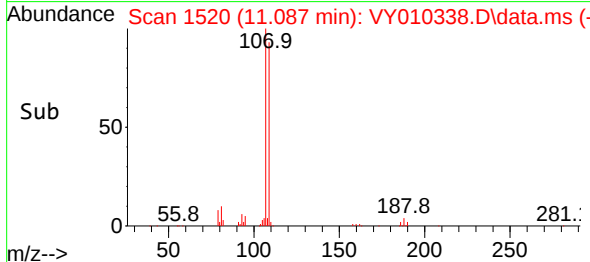
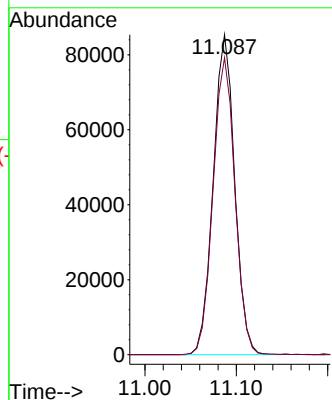
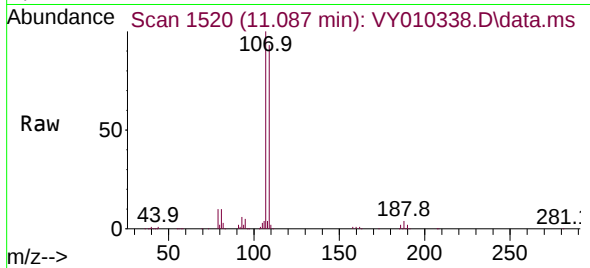




#61  
1,2-Dibromoethane  
Concen: 55.002 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

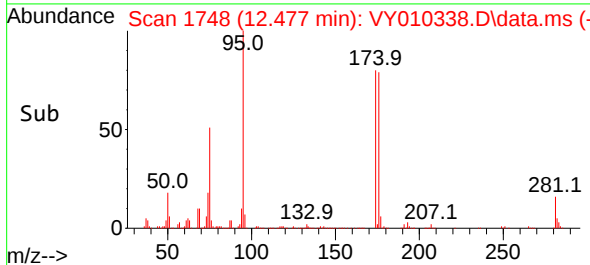
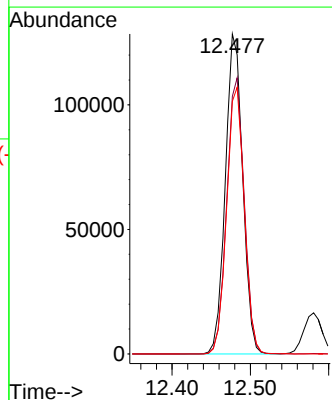
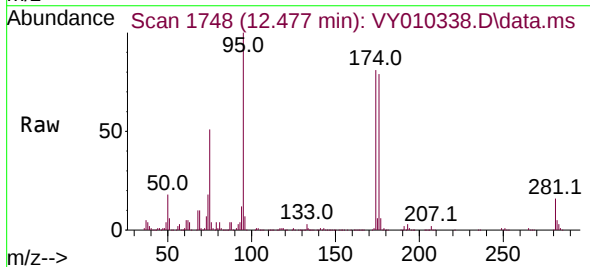
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

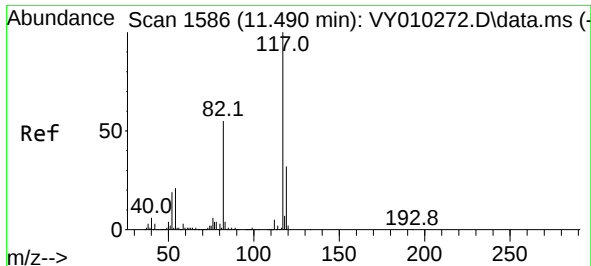
Tgt Ion:107 Resp: 139456  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 46.543 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 95 Resp: 197994  
Ion Ratio Lower Upper  
95 100  
174 87.0 0.0 177.0  
176 84.6 0.0 175.8

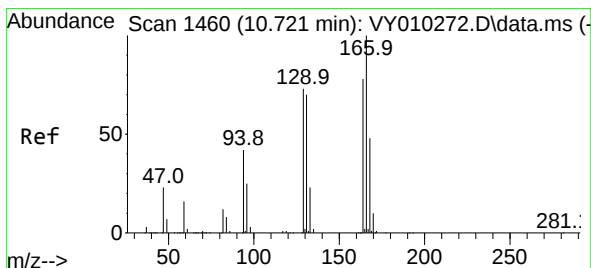
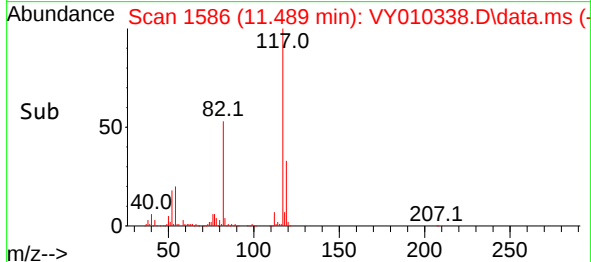
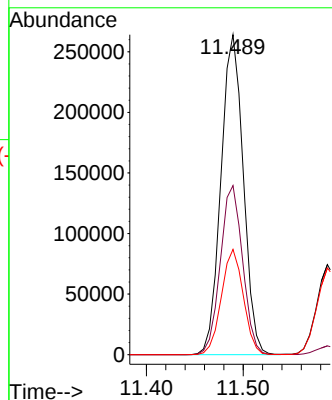
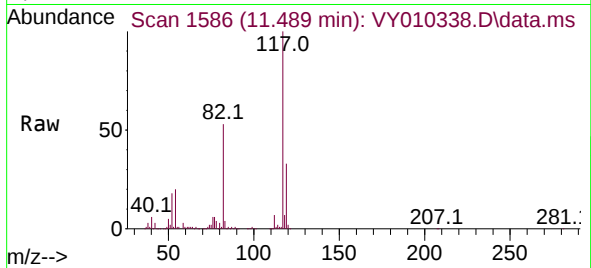




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

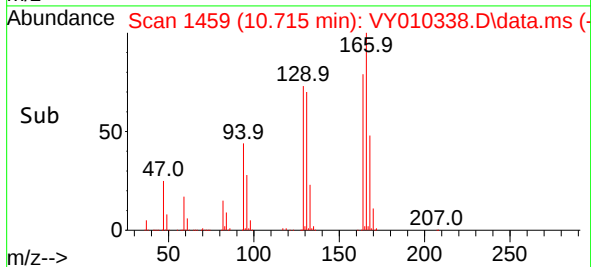
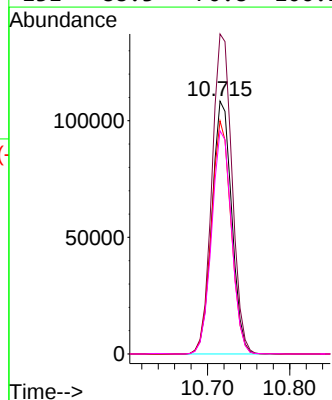
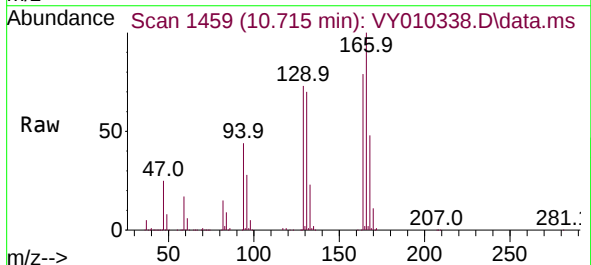
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

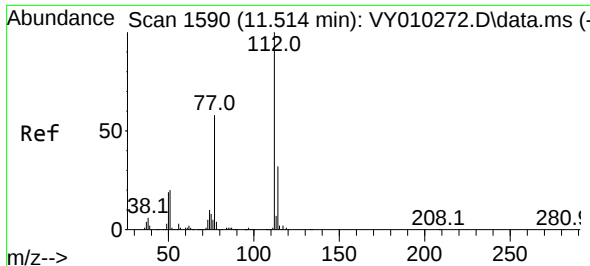
Tgt Ion:117 Resp: 423740  
Ion Ratio Lower Upper  
117 100  
82 52.8 43.0 64.4  
119 32.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 52.623 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion:164 Resp: 181849  
Ion Ratio Lower Upper  
164 100  
166 126.5 100.4 150.6  
129 92.2 71.4 107.0  
131 88.3 70.8 106.2

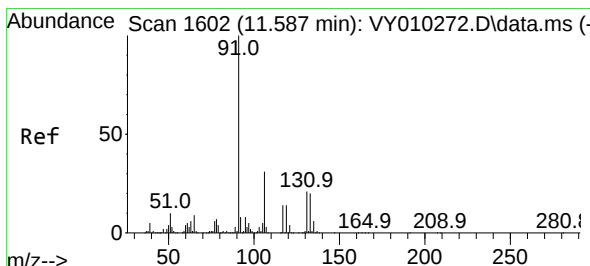
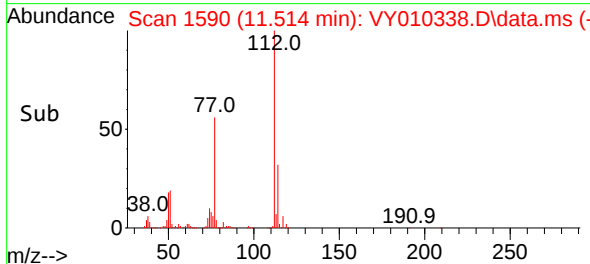
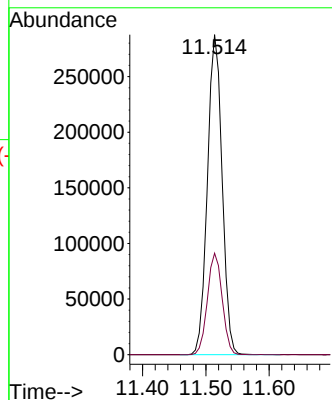
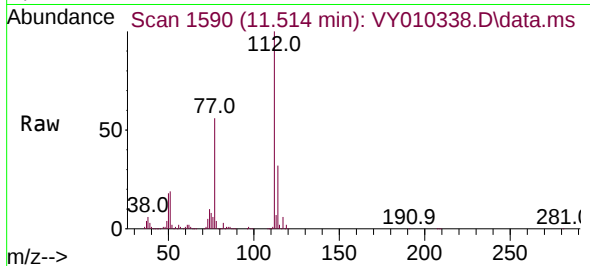




#65  
Chlorobenzene  
Concen: 51.487 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

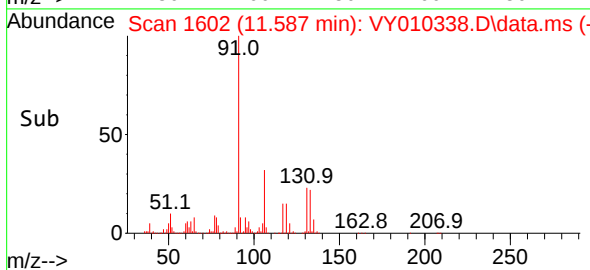
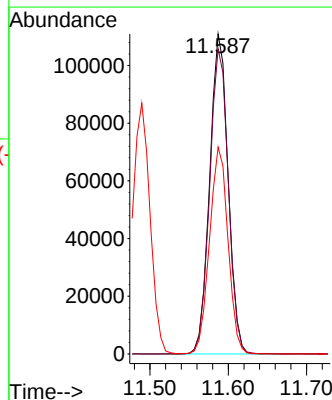
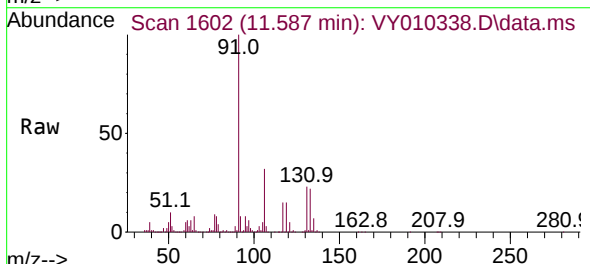
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

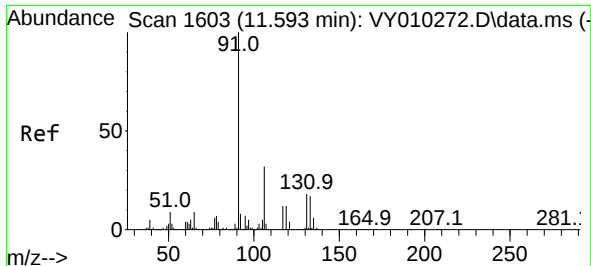
Tgt Ion:112 Resp: 464901  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.479 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion:131 Resp: 180630  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.9 143.6  
119 65.0 30.8 92.3





#67

Ethyl Benzene

Concen: 48.870 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

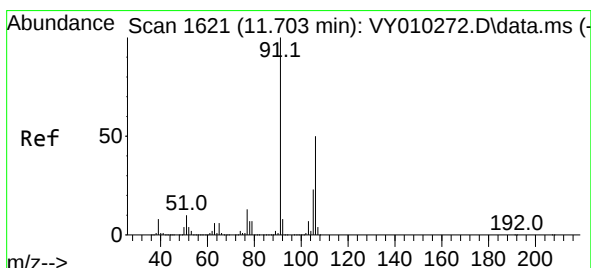
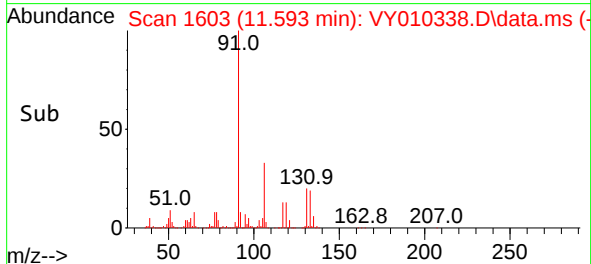
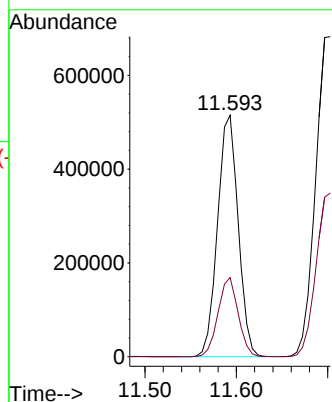
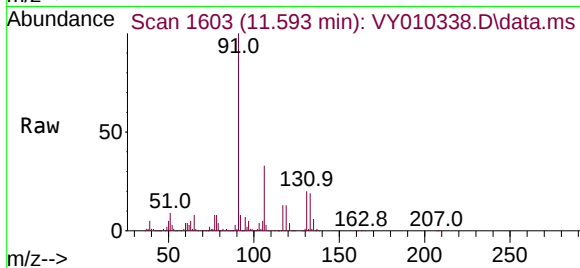
SB-03-9-11MSD

Tgt Ion: 91 Resp: 808075

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 99.859 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010338.D

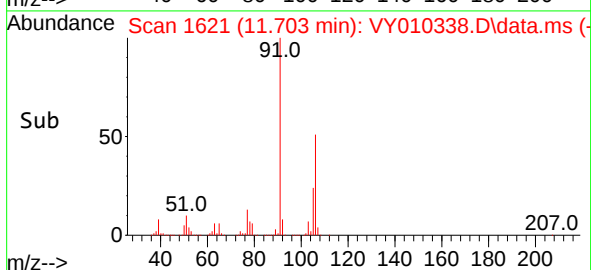
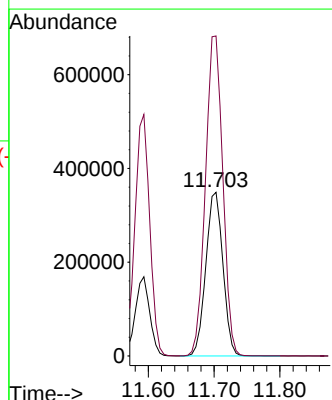
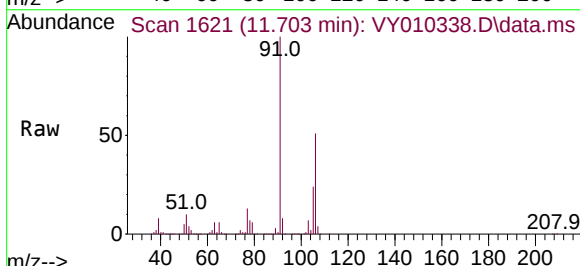
Acq: 03 Sep 2022 22:10

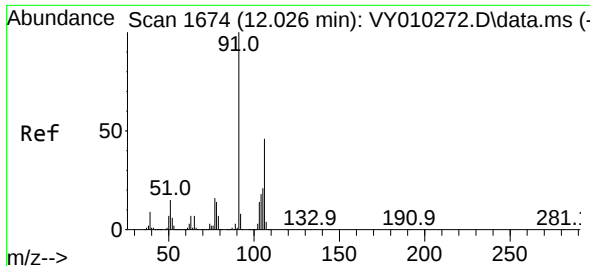
Tgt Ion: 106 Resp: 630754

Ion Ratio Lower Upper

106 100

91 198.4 166.6 249.8

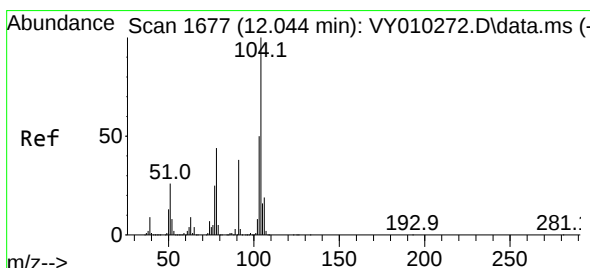
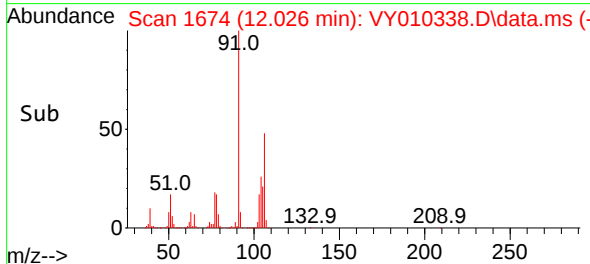
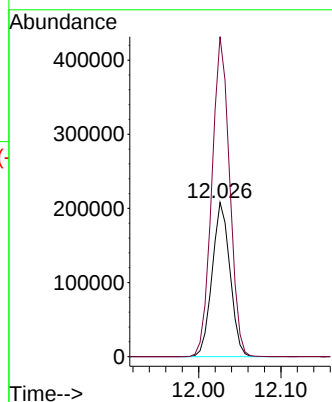
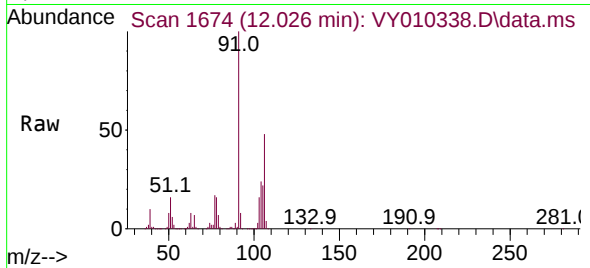




#69  
o-Xylene  
Concen: 51.120 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

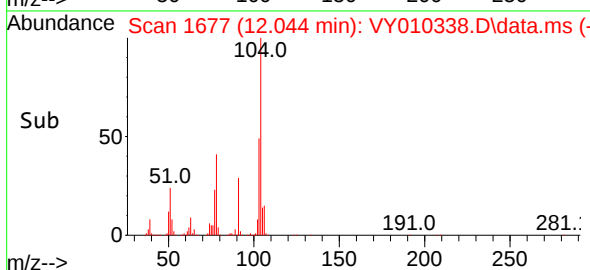
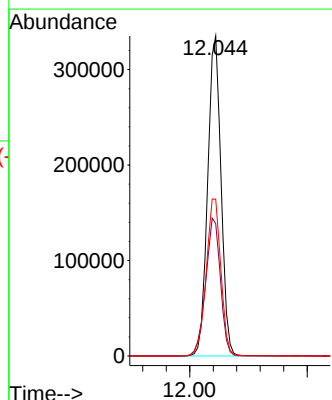
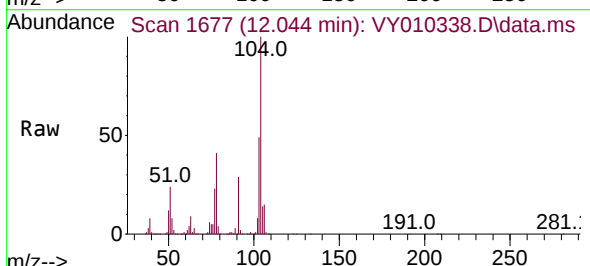
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

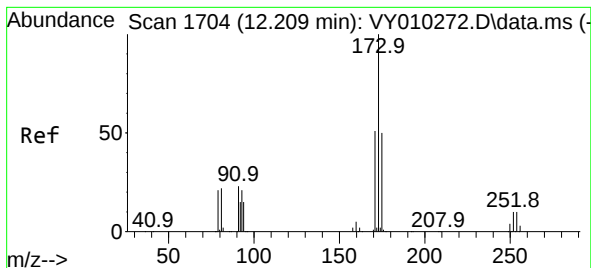
Tgt Ion:106 Resp: 313505  
Ion Ratio Lower Upper  
106 100  
91 207.1 110.3 331.0



#70  
Styrene  
Concen: 51.664 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion:104 Resp: 527790  
Ion Ratio Lower Upper  
104 100  
78 47.6 42.4 63.6  
103 54.1 44.4 66.6





#71

Bromoform

Concen: 57.256 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

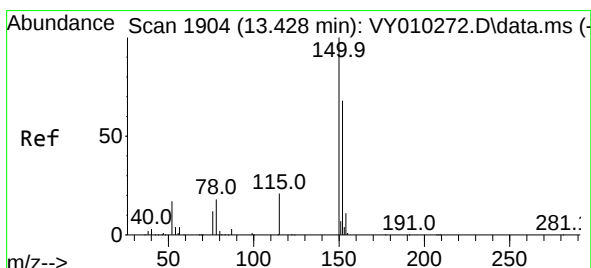
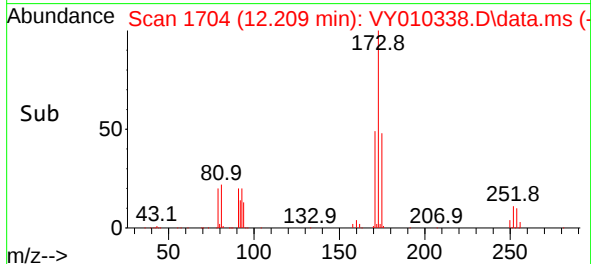
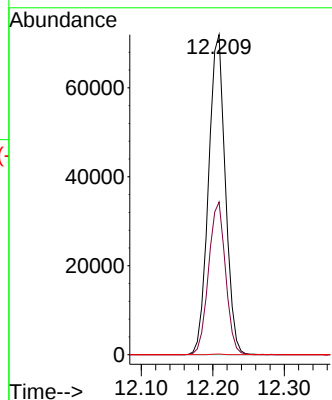
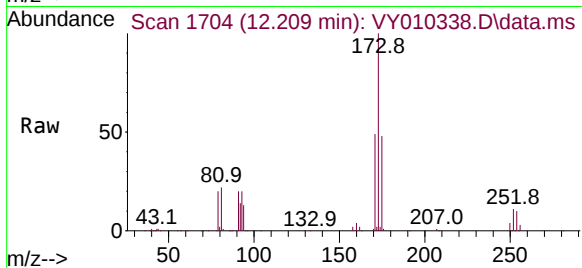
Tgt Ion:173 Resp: 117351

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

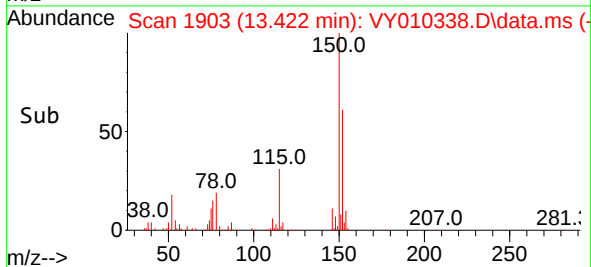
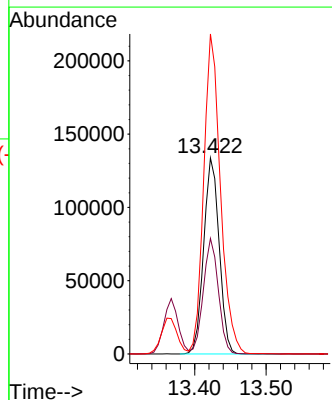
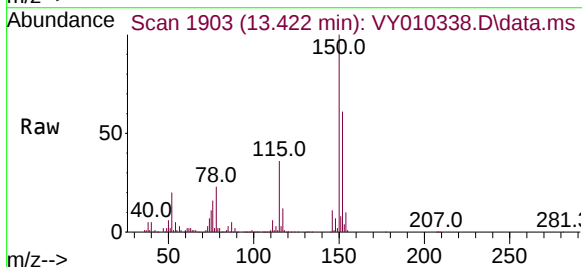
Tgt Ion:152 Resp: 201131

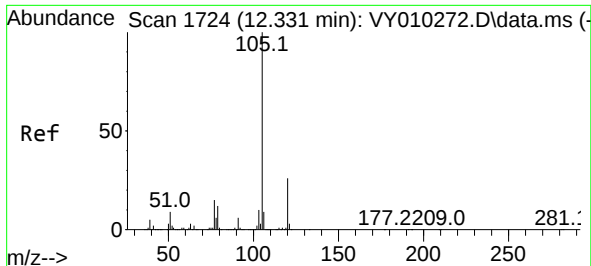
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 176.9 0.0 347.6

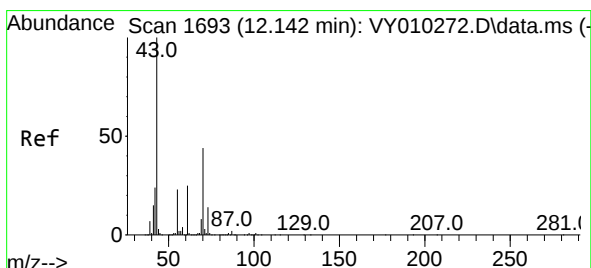
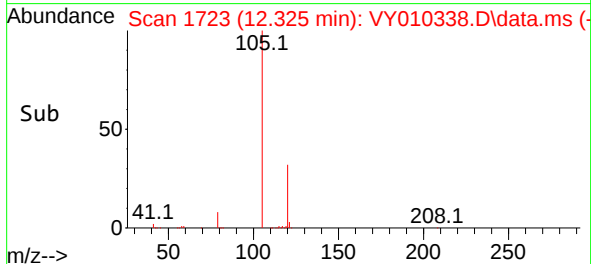
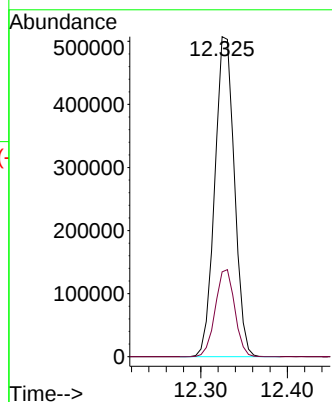
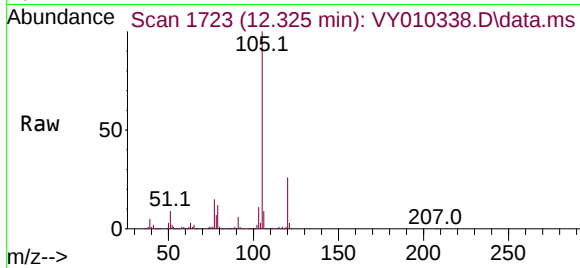




#73  
Isopropylbenzene  
Concen: 49.639 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

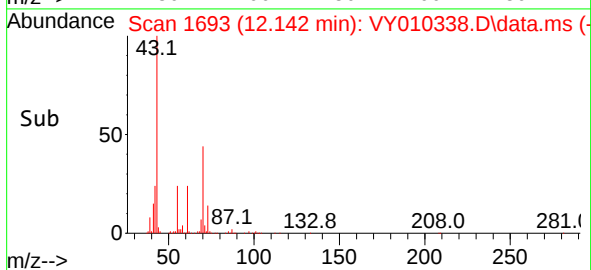
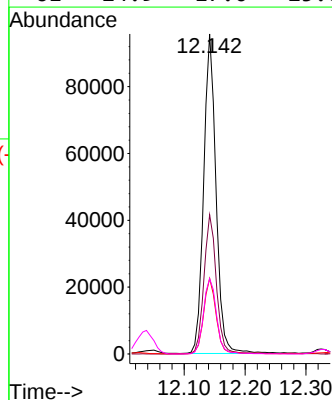
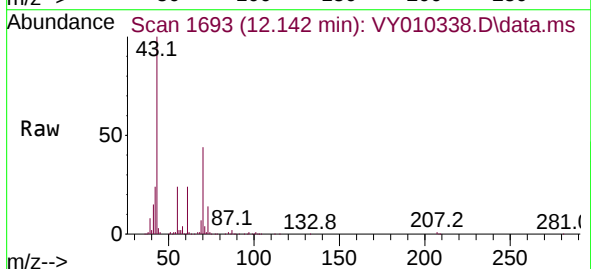
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

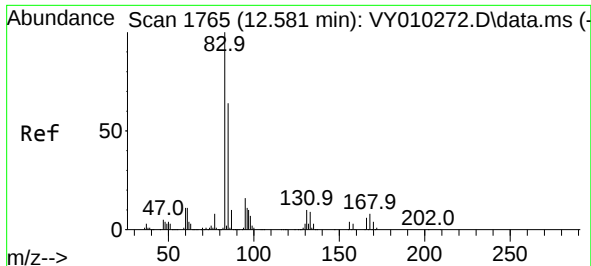
Tgt Ion:105 Resp: 796542  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



#74  
N-ethyl acetate  
Concen: 30.443 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 43 Resp: 134775  
Ion Ratio Lower Upper  
43 100  
70 44.5 28.7 43.1#  
55 24.4 17.3 25.9  
61 24.9 17.0 25.6

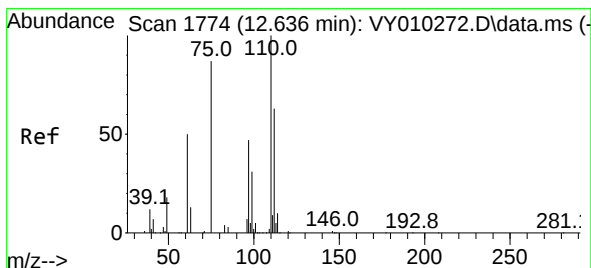
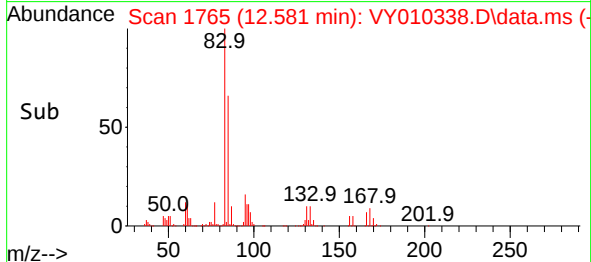
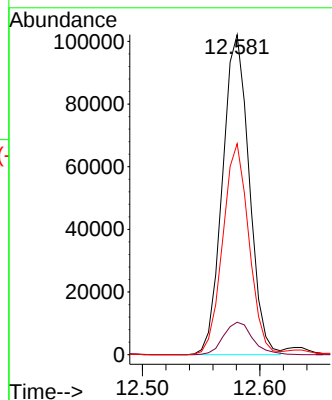
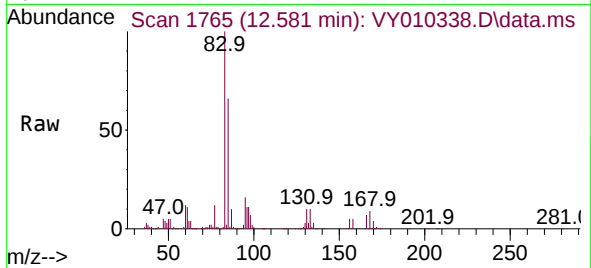




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.337 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

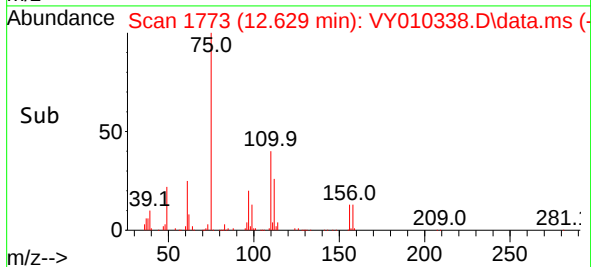
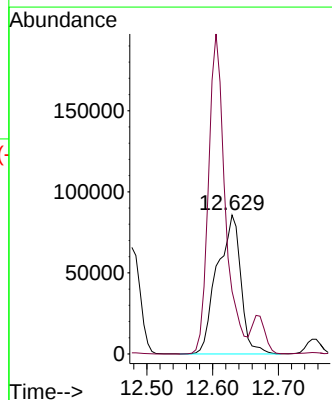
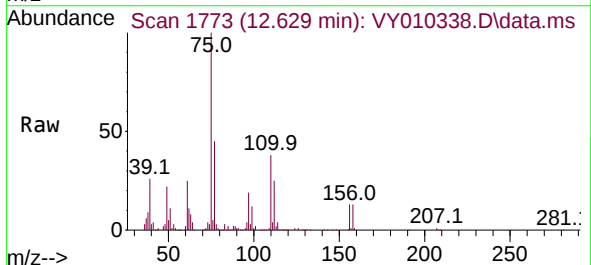
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

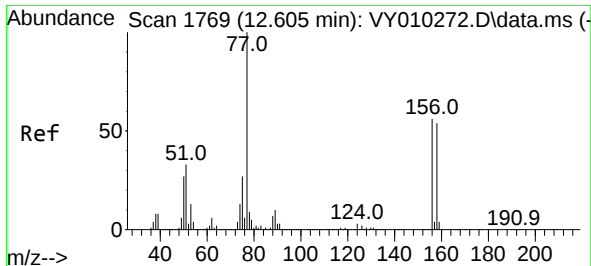
Tgt Ion: 83 Resp: 161403  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.6 16.8  
85 64.7 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 89.748 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.007 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 75 Resp: 214817  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

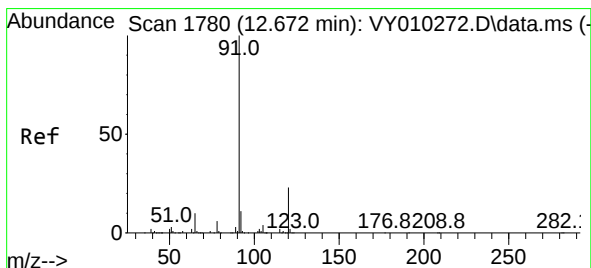
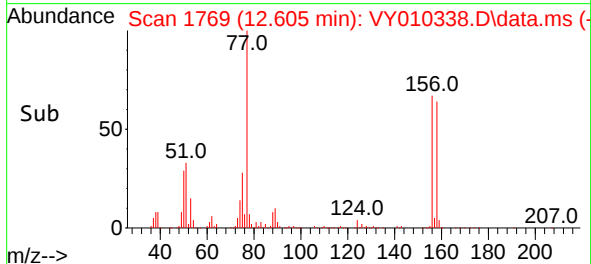
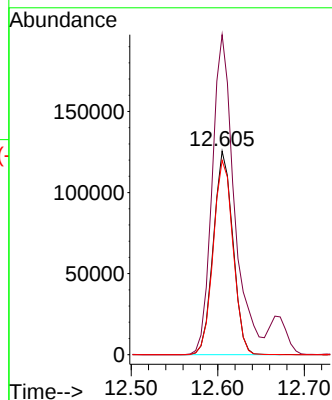
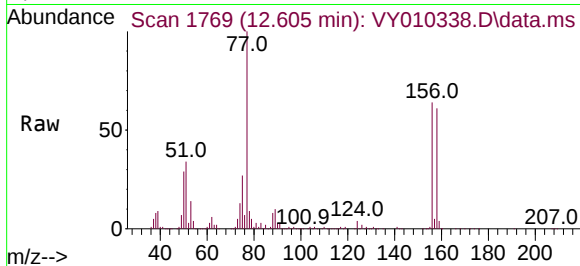




#77  
Bromobenzene  
Concen: 53.766 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

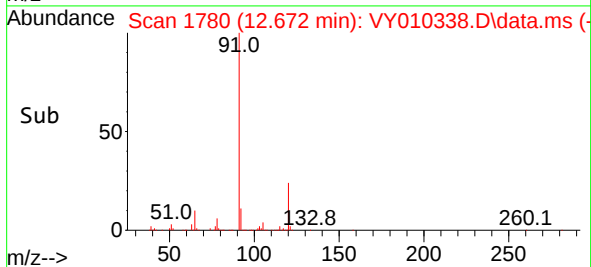
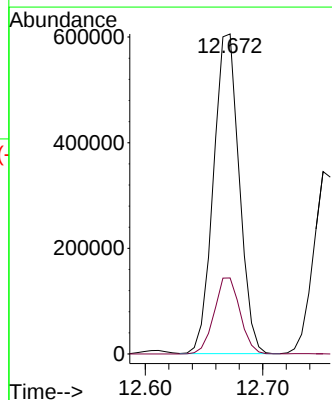
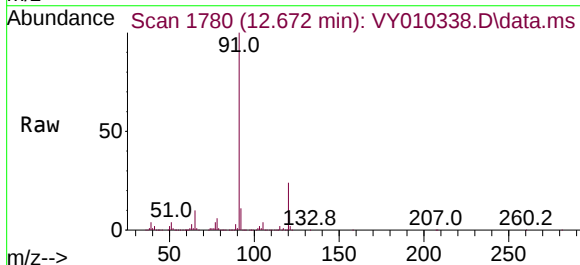
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

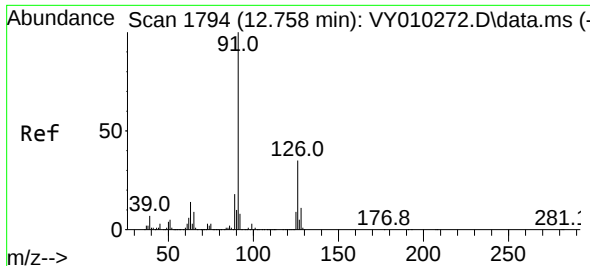
Tgt Ion:156 Resp: 196269  
Ion Ratio Lower Upper  
156 100  
77 179.2 95.5 286.4  
158 97.1 48.0 144.0



#78  
n-propylbenzene  
Concen: 47.843 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 91 Resp: 921581  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.3 33.9

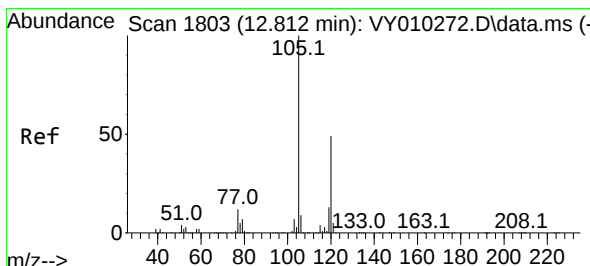
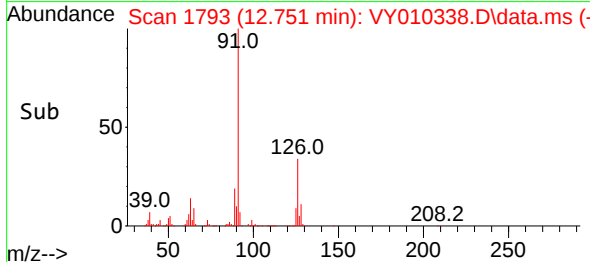
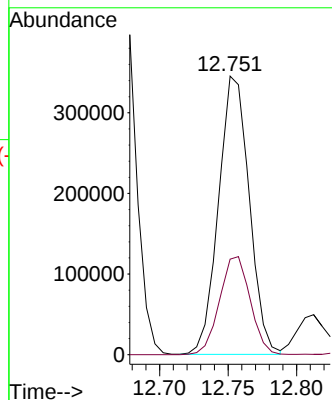
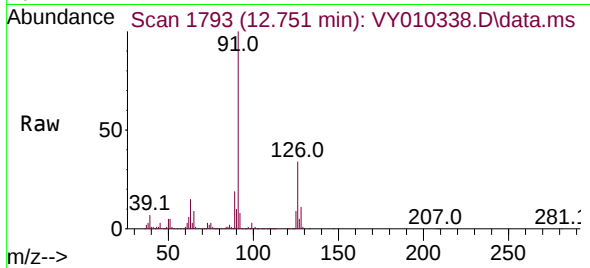




#79  
2-Chlorotoluene  
Concen: 49.536 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. -0.007 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

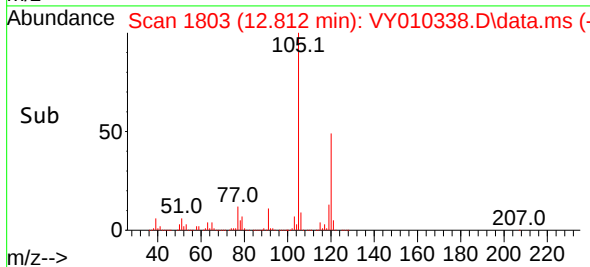
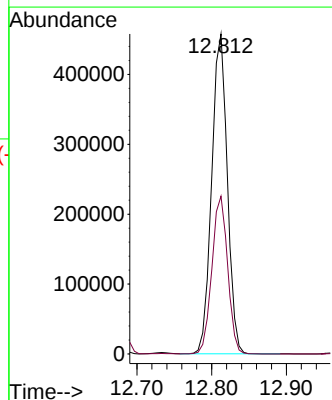
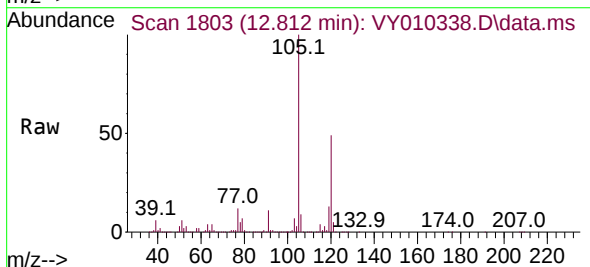
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

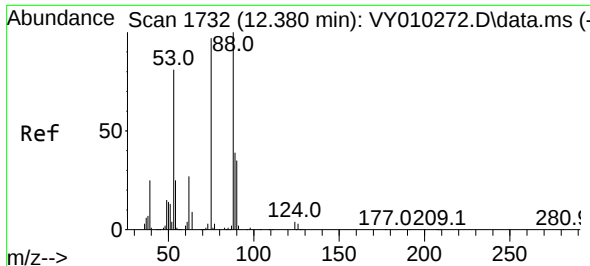
Tgt Ion: 91 Resp: 539319  
Ion Ratio Lower Upper  
91 100  
126 35.1 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 49.575 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 105 Resp: 666507  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.4 73.4

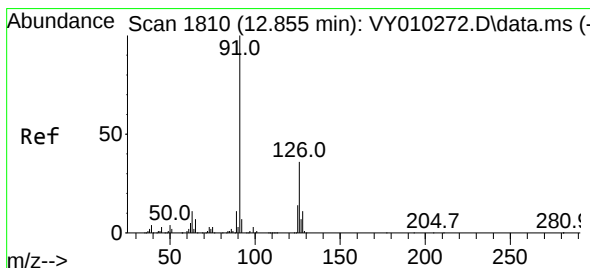
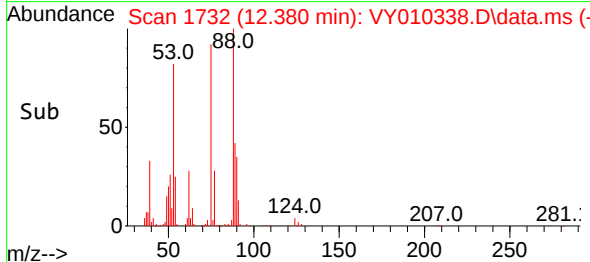
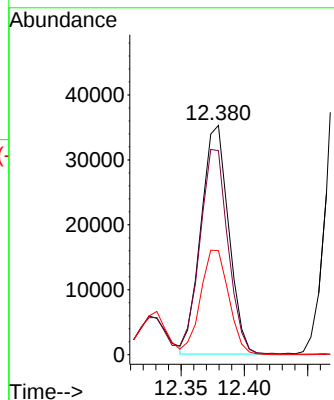
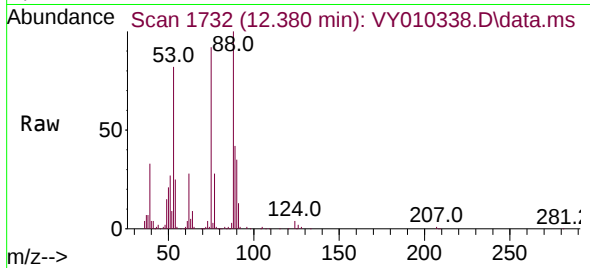




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.974 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.001 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

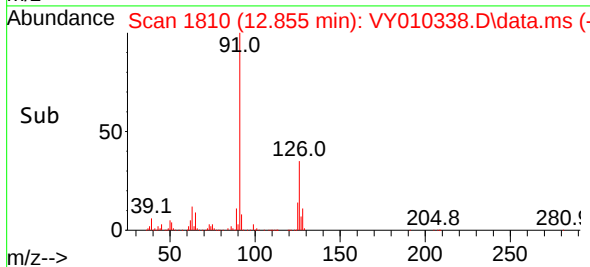
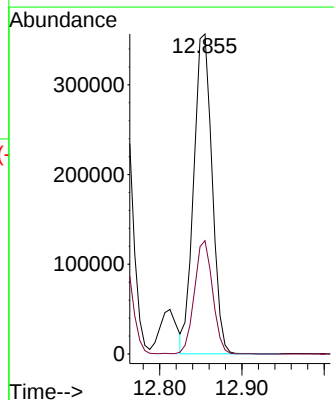
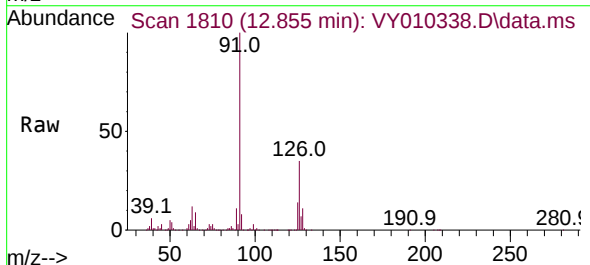
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-9-11MSD

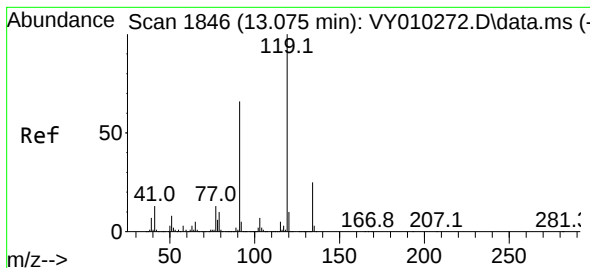
Tgt Ion: 75 Resp: 53897  
Ion Ratio Lower Upper  
75 100  
53 90.9 85.3 127.9  
89 46.4 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 49.282 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY010338.D  
Acq: 03 Sep 2022 22:10

Tgt Ion: 91 Resp: 552466  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.902 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

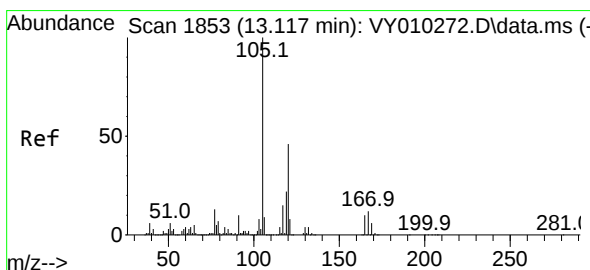
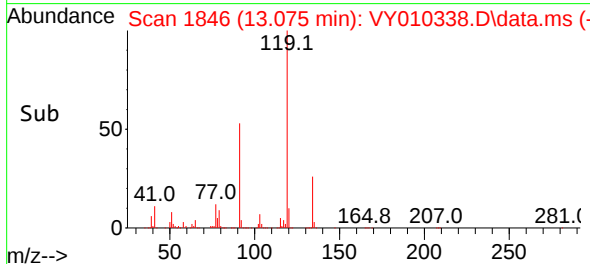
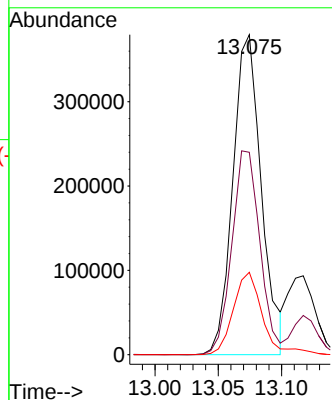
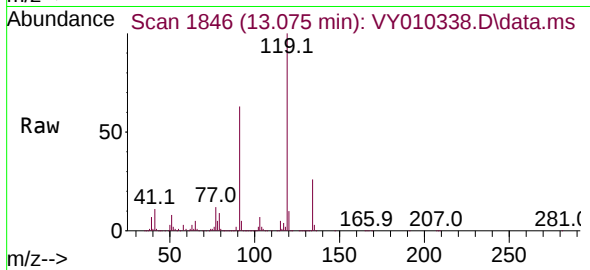
Tgt Ion:119 Resp: 594565

Ion Ratio Lower Upper

119 100

91 62.8 34.8 104.4

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 49.856 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010338.D

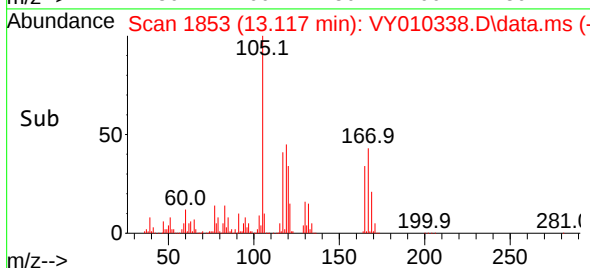
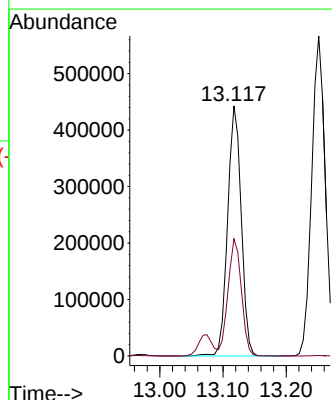
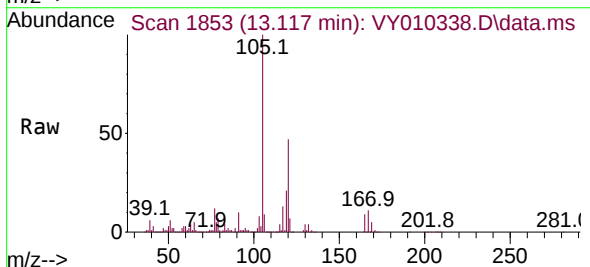
Acq: 03 Sep 2022 22:10

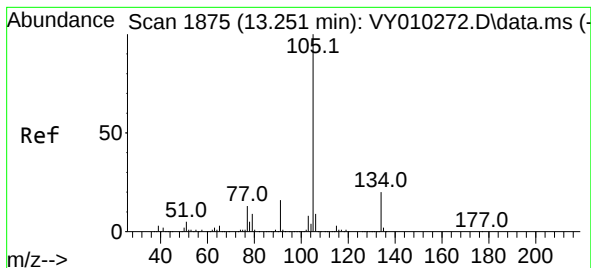
Tgt Ion:105 Resp: 658238

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.373 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

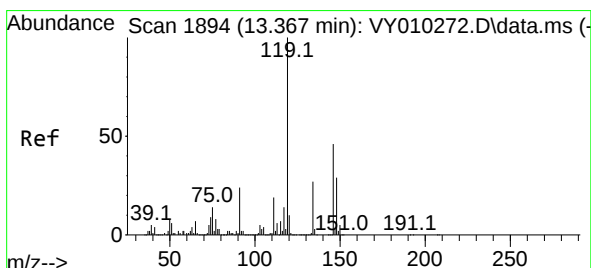
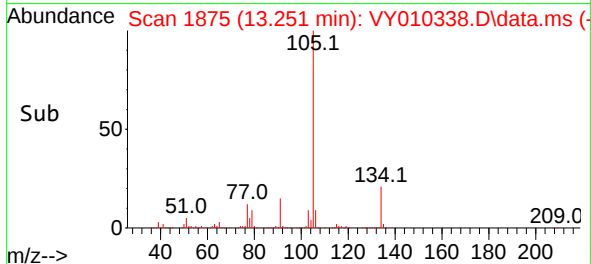
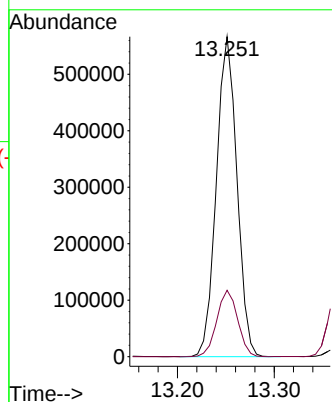
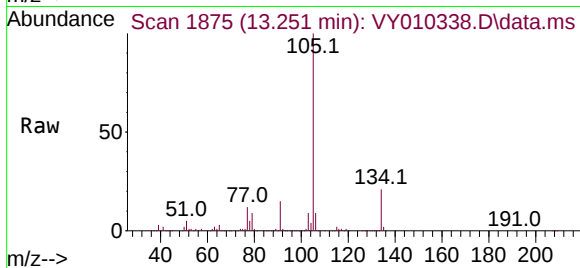
SB-03-9-11MSD

Tgt Ion:105 Resp: 835581

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.491 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

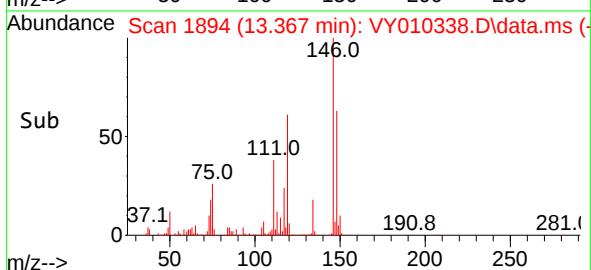
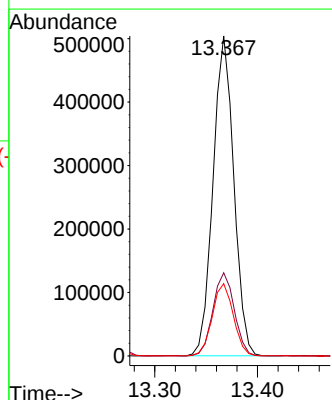
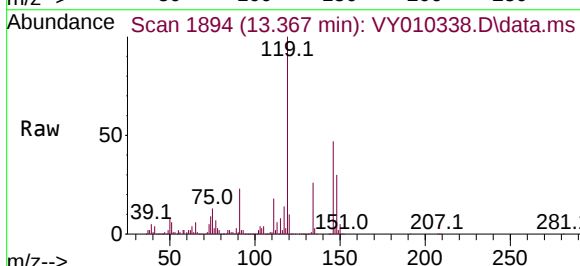
Tgt Ion:119 Resp: 706154

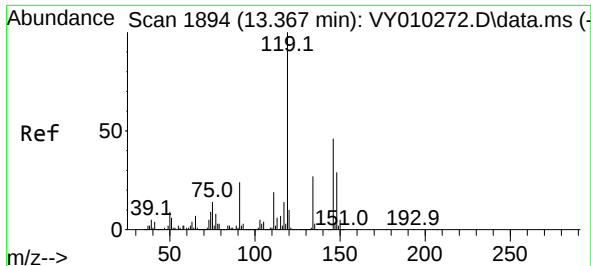
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 52.354 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

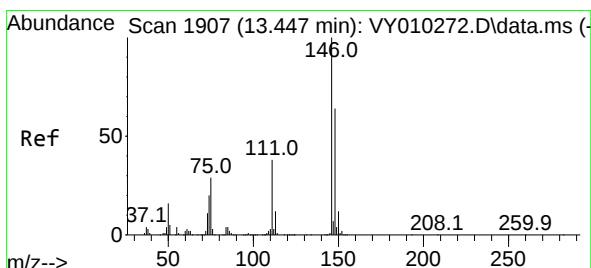
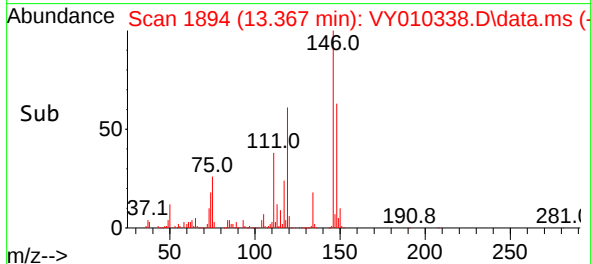
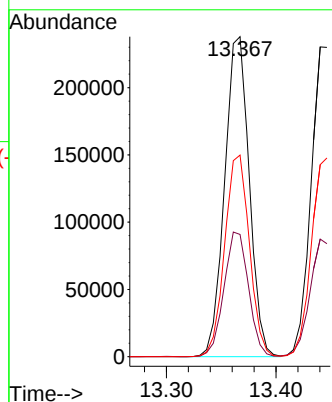
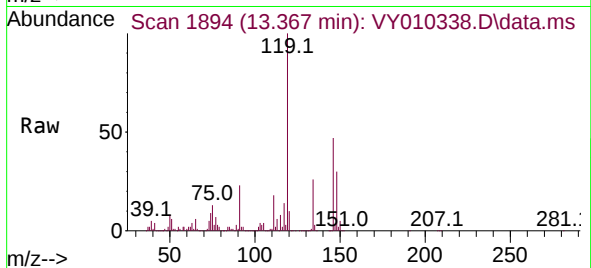
Tgt Ion:146 Resp: 371083

Ion Ratio Lower Upper

146 100

111 38.9 19.5 58.5

148 63.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.950 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.007 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

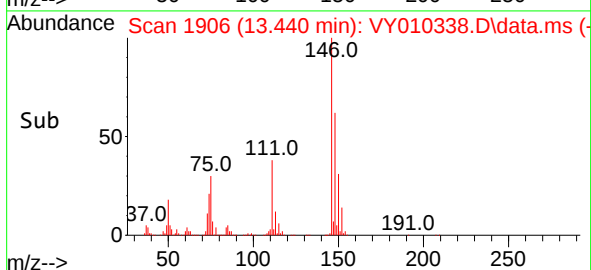
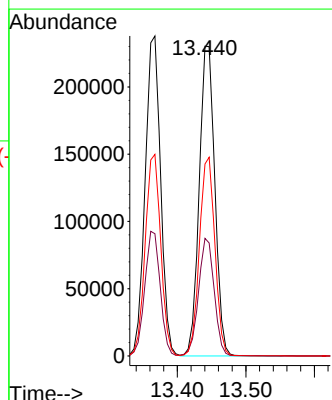
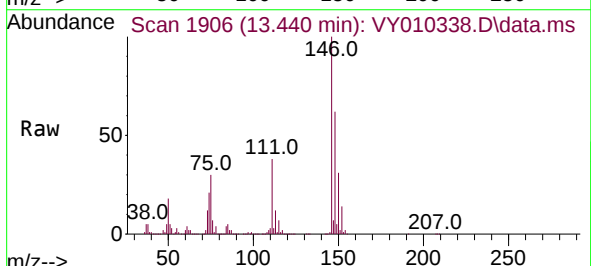
Tgt Ion:146 Resp: 366104

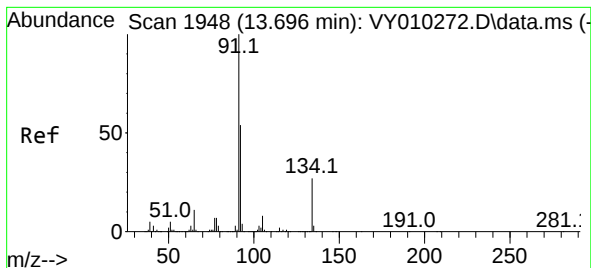
Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.8

148 63.5 32.6 97.8





#89

n-Butylbenzene

Concen: 45.527 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

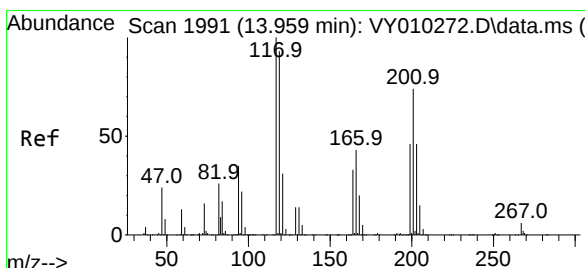
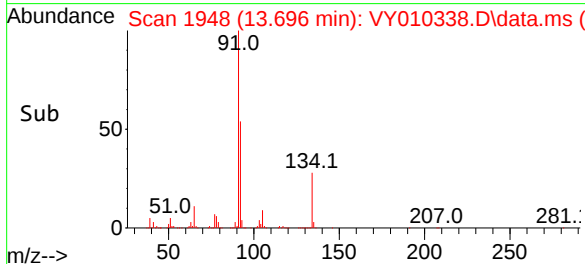
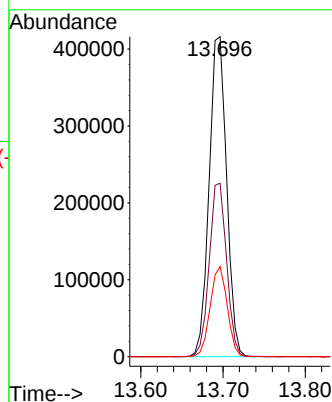
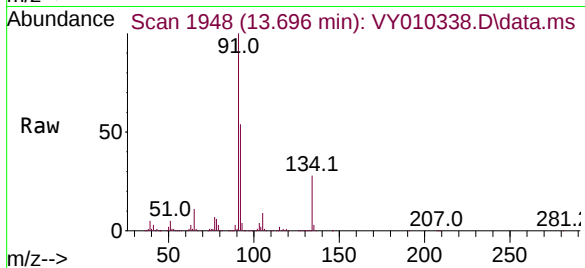
Tgt Ion: 91 Resp: 614066

Ion Ratio Lower Upper

91 100

92 53.9 26.3 78.9

134 27.5 13.0 38.9



#90

Hexachloroethane

Concen: 49.839 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY010338.D

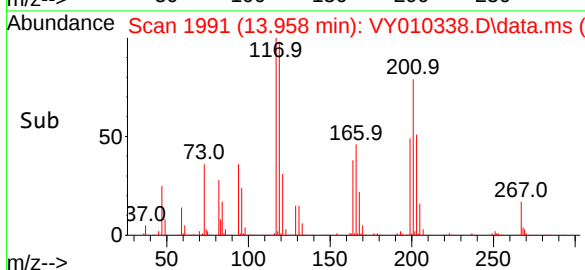
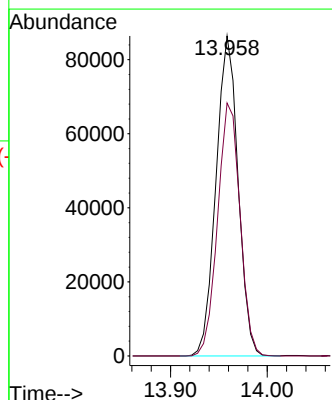
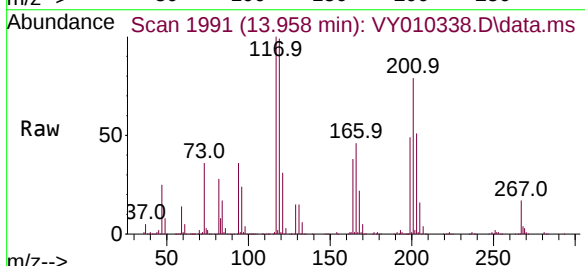
Acq: 03 Sep 2022 22:10

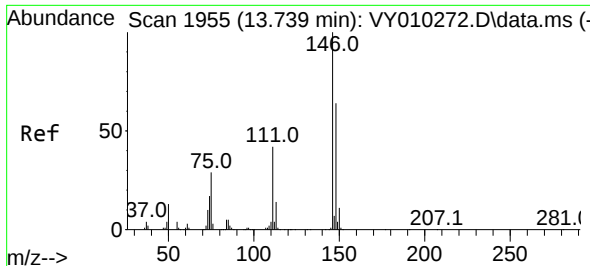
Tgt Ion: 117 Resp: 136498

Ion Ratio Lower Upper

117 100

201 80.3 43.0 128.8

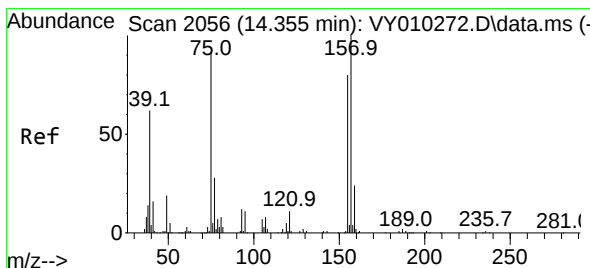
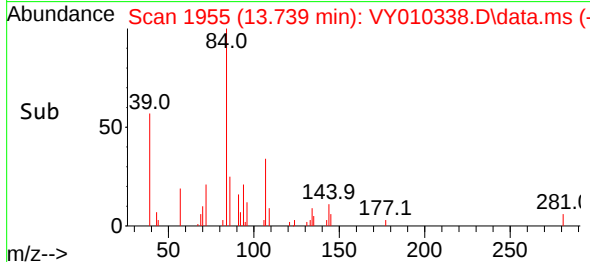
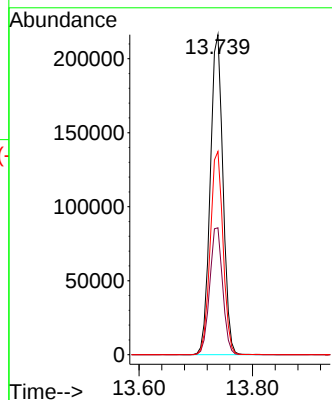
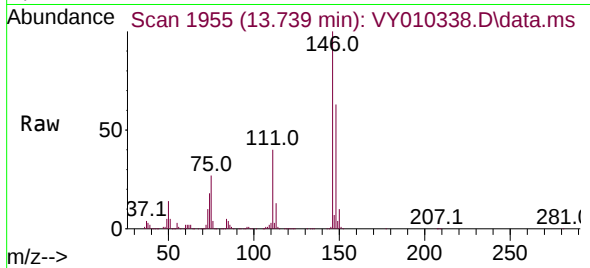




#91  
 1,2-Dichlorobenzene  
 Concen: 53.372 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: VY010338.D  
 Acq: 03 Sep 2022 22:10

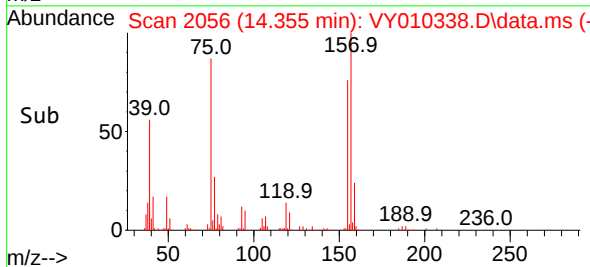
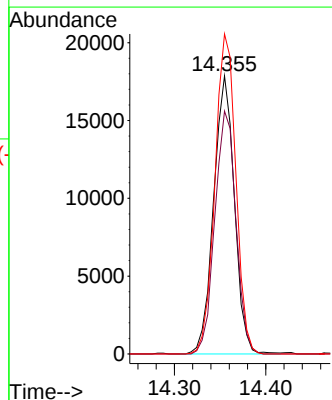
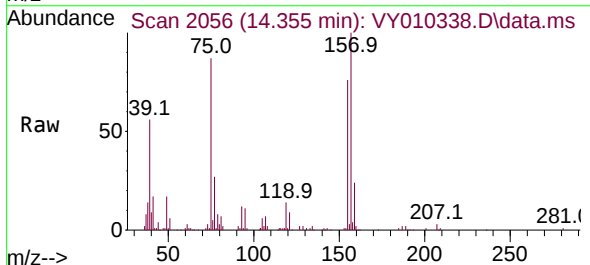
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-9-11MSD

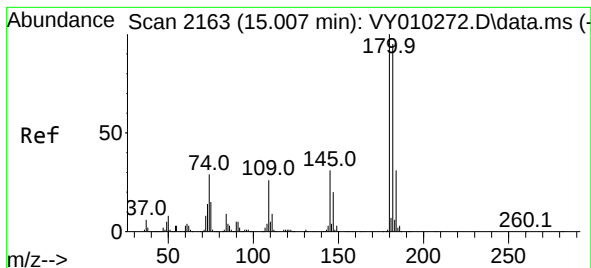
Tgt Ion:146 Resp: 337162  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.3 60.9  
 148 64.1 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.868 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY010338.D  
 Acq: 03 Sep 2022 22:10

Tgt Ion: 75 Resp: 28186  
 Ion Ratio Lower Upper  
 75 100  
 155 88.5 38.0 113.9  
 157 115.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.811 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

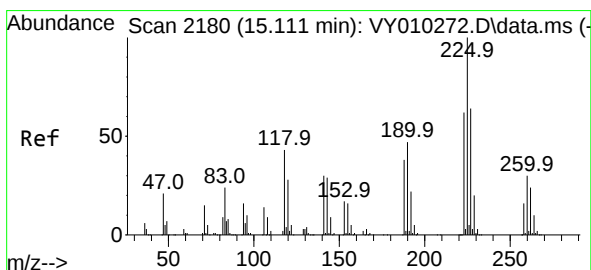
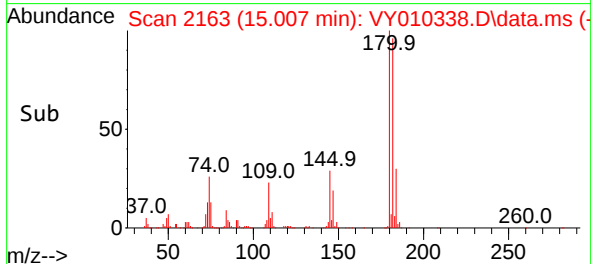
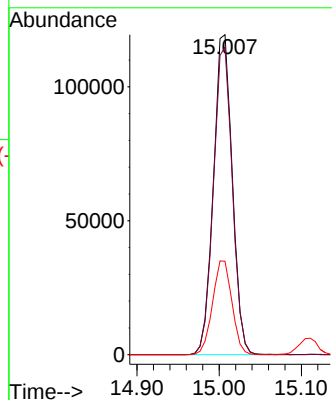
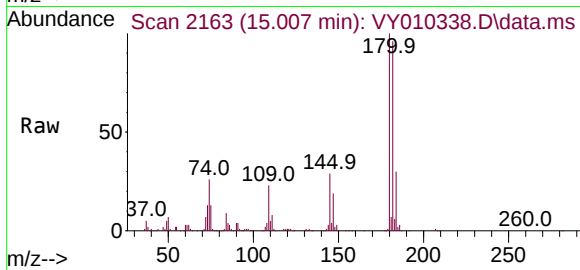
Tgt Ion:180 Resp: 190858

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 30.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.564 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

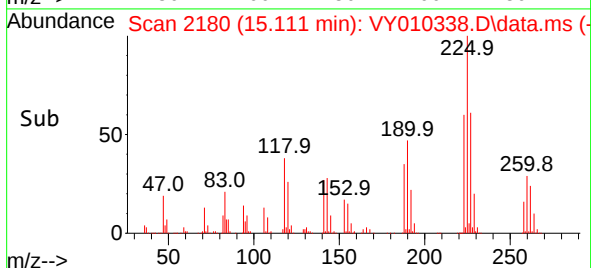
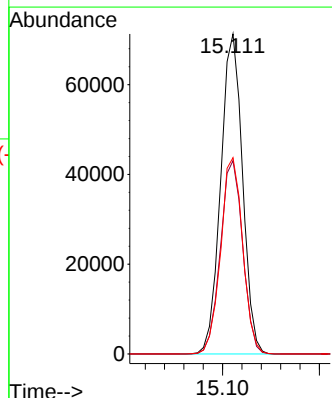
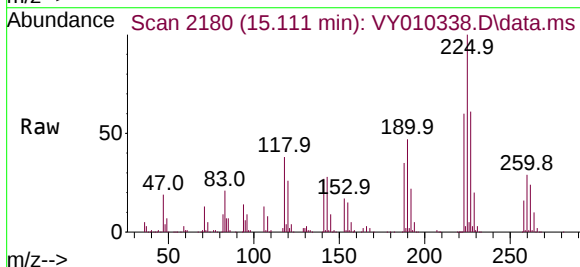
Tgt Ion:225 Resp: 111299

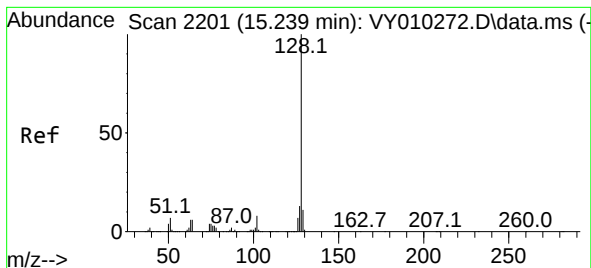
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 62.0 31.6 94.7





#95

Naphthalene

Concen: 51.628 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-9-11MSD

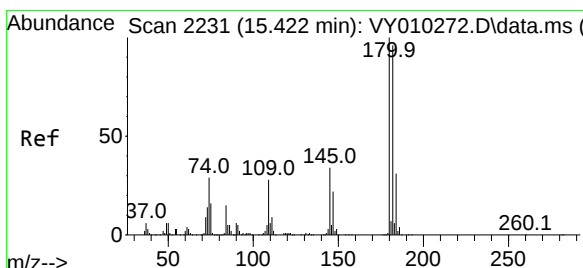
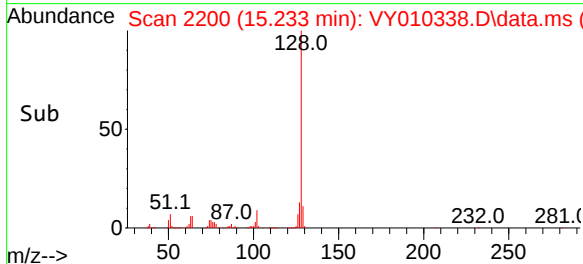
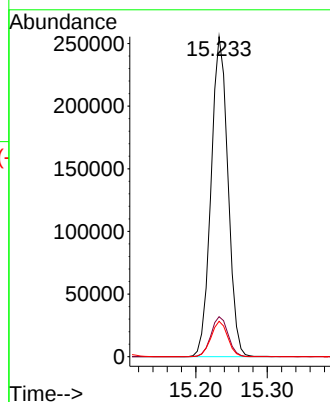
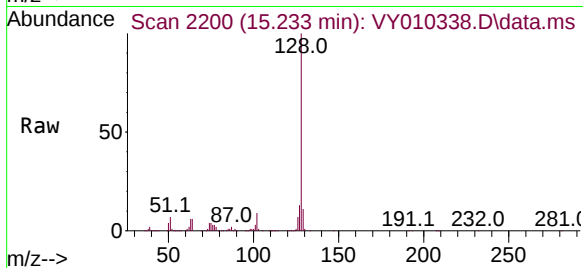
Tgt Ion:128 Resp: 418878

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: 51.294 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010338.D

Acq: 03 Sep 2022 22:10

Tgt Ion:180 Resp: 169871

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 32.0 15.3 45.9

