

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091422\  
 Data File : VY010479.D  
 Acq On : 14 Sep 2022 12:51  
 Operator : KP/MD  
 Sample : VY0914SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0914SBS02

Quant Time: Sep 14 15:07:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 09 17:08:30 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 218582   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 343930   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 308265   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 158800   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 110271   | 50.090   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.180% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 109731   | 44.924   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 89.840%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 398568   | 50.347   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 100.700% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 141410   | 44.373   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 88.740%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 40337  | 24.616  | ug/l   | 99  |
| 3) Chloromethane             | 2.107 | 50  | 57119  | 23.259  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.247 | 62  | 68340  | 22.557  | ug/l   | 99  |
| 5) Bromomethane              | 2.637 | 94  | 46272  | 21.800  | ug/l   | 99  |
| 6) Chloroethane              | 2.784 | 64  | 45502  | 22.454  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 85677  | 22.325  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.527 | 74  | 26666  | 21.454  | ug/l   | 81  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 50503  | 22.476  | ug/l   | 94  |
| 10) Methyl Iodide            | 4.082 | 142 | 57374  | 20.634  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 29620  | 105.282 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 45594  | 21.630  | ug/l   | 83  |
| 13) Acrolein                 | 3.729 | 56  | 18322  | 87.238  | ug/l   | 99  |
| 14) Allyl chloride           | 4.472 | 41  | 67028  | 22.081  | ug/l # | 95  |
| 15) Acrylonitrile            | 5.155 | 53  | 68196  | 113.342 | ug/l   | 98  |
| 16) Acetone                  | 3.942 | 43  | 56302  | 111.441 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.186 | 76  | 124697 | 21.875  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.466 | 43  | 36606  | 23.552  | ug/l # | 89  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 121555 | 20.881  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.704 | 84  | 86294  | 32.927  | ug/l # | 82  |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 50918  | 21.274  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.118 | 45  | 147483 | 21.763  | ug/l # | 91  |
| 23) Vinyl Acetate            | 6.057 | 43  | 439866 | 105.917 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 90715  | 22.111  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 89415  | 111.365 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 83407  | 21.305  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 59551  | 21.405  | ug/l   | 90  |
| 28) Bromochloromethane       | 7.332 | 49  | 23085  | 17.550  | ug/l # | 84  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 55210  | 110.177 | ug/l # | 86  |
| 30) Chloroform               | 7.502 | 83  | 94687  | 21.758  | ug/l   | 99  |
| 31) Cyclohexane              | 7.783 | 56  | 82546  | 22.195  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 85883  | 21.795  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 72761  | 21.759  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.069 | 43  | 38115  | 21.682  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 78685  | 21.150  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 88604  | 21.250  | ug/l   | 89  |
| 40) Benzene                  | 8.155 | 78  | 207926 | 21.600  | ug/l   | 96  |

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 Sample : VY0914SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0914SBS02

Quant Time: Sep 14 15:07:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 09 17:08:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 52577    | 52.318  | ug/l # | 19       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 62782    | 21.932  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 68882    | 21.411  | ug/l # | 92       |
| 44) Trichloroethene           | 8.935  | 130  | 58552    | 20.664  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 50694    | 21.593  | ug/l   | 98       |
| 46) Dibromomethane            | 9.301  | 93   | 29922    | 21.135  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.496  | 83   | 71541    | 21.274  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 30507    | 21.114  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 7653     | 408.351 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 190586   | 108.005 | ug/l   | 91       |
| 52) Toluene                   | 10.240 | 92   | 132789   | 21.080  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 71299    | 20.602  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 80671    | 20.667  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 43115    | 21.409  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 53984    | 20.411  | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 71579    | 21.375  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 111534   | 140.756 | ug/l   | 93       |
| 59) 2-Hexanone                | 10.831 | 43   | 127567   | 106.054 | ug/l   | 87       |
| 60) Dibromochloromethane      | 10.983 | 129  | 50078    | 20.348  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 40764    | 20.851  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 56683    | 20.400  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 143706   | 20.846  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 53497    | 20.952  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 253823   | 20.803  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 199562   | 41.662  | ug/l   | 92       |
| 69) o-Xylene                  | 12.026 | 106  | 93947    | 20.540  | ug/l   | 94       |
| 70) Styrene                   | 12.044 | 104  | 158243   | 20.442  | ug/l   | 96       |
| 71) Bromoform                 | 12.203 | 173  | 31826    | 19.937  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 250797   | 20.242  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 56042    | 19.386  | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 48428    | 20.894  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 64171    | 36.614  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 59136    | 20.142  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 303165   | 20.663  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 168344   | 20.426  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 217320   | 20.788  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 15660    | 19.839  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 176048   | 20.533  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 186696   | 20.432  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 214613   | 20.981  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 276900   | 20.466  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 231215   | 20.203  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 118722   | 20.138  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 117600   | 20.144  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 215529   | 20.747  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 43609    | 20.295  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 105577   | 20.219  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 7828     | 20.009  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 62567    | 19.292  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 38270    | 19.557  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 125393   | 19.603  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 54320    | 19.187  | ug/l   | 99       |

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Sample : VY0914SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

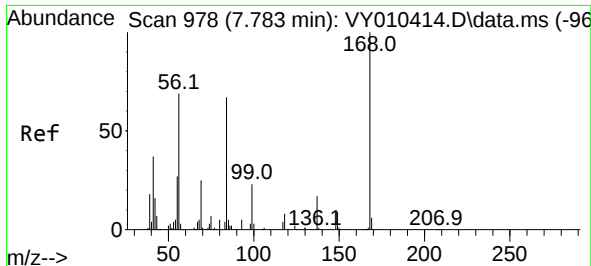
Quant Time: Sep 14 15:07:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 09 17:08:30 2022  
Response via : Initial Calibration

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

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

Quant Time: Sep 14 15:07:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 09 17:08:30 2022  
Response via : Initial Calibration

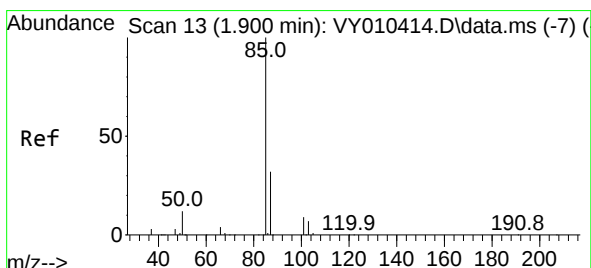
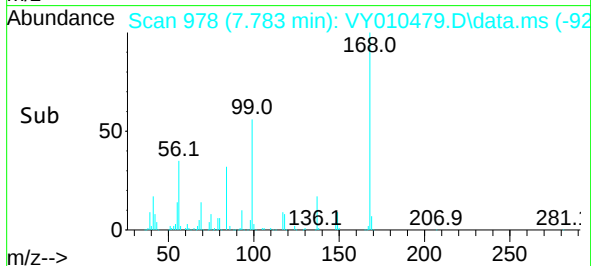
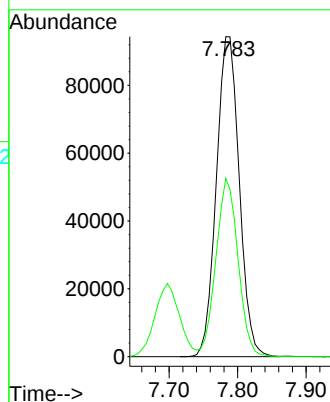
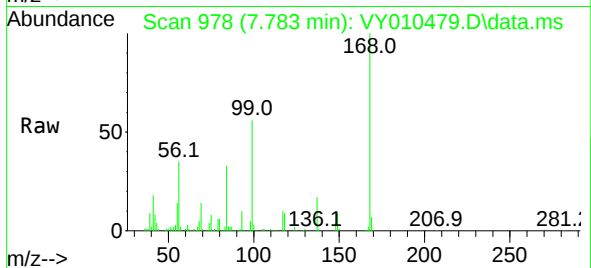




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

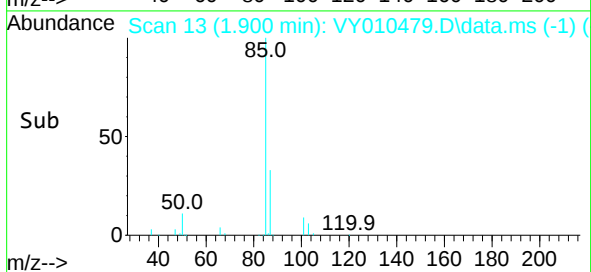
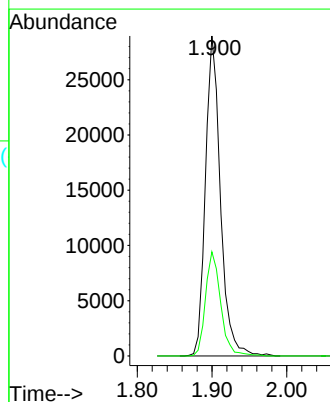
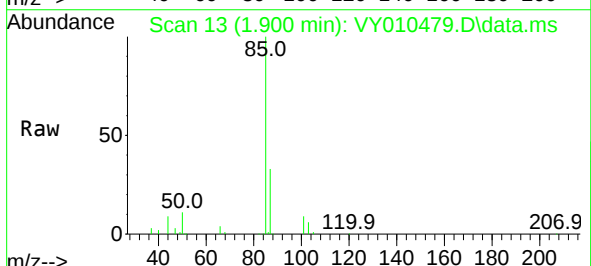
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

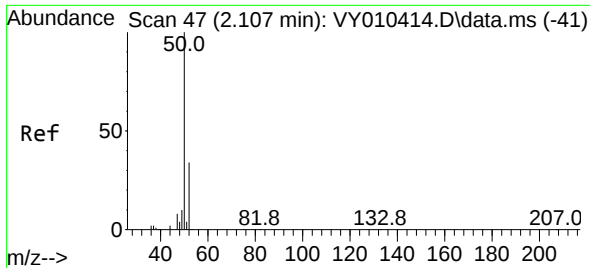
Tgt Ion:168 Resp: 218582  
Ion Ratio Lower Upper  
168 100  
99 55.7 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 24.616 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 85 Resp: 40337  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.1 48.2

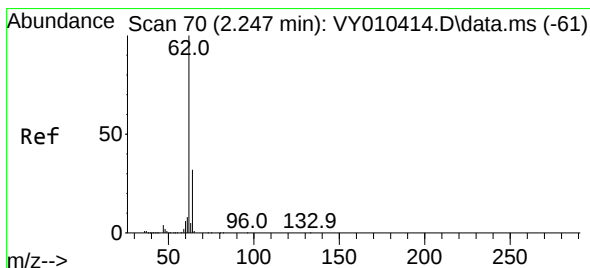
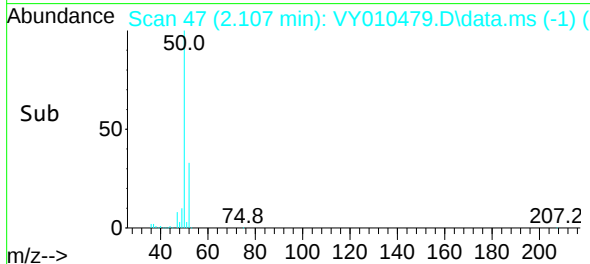
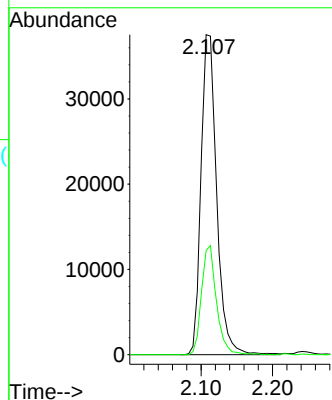
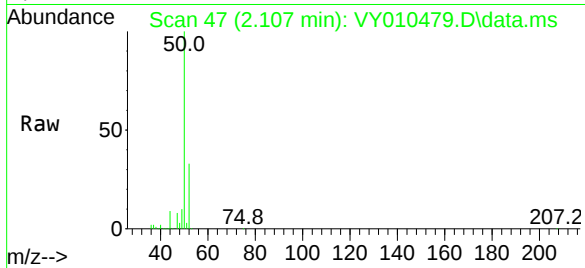




#3  
Chloromethane  
Concen: 23.259 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

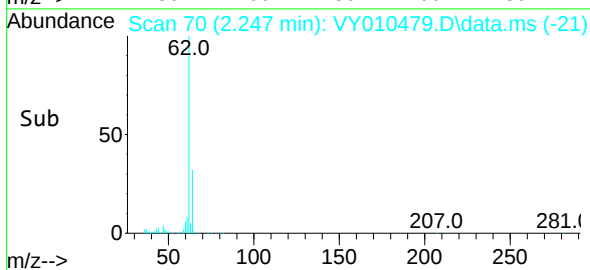
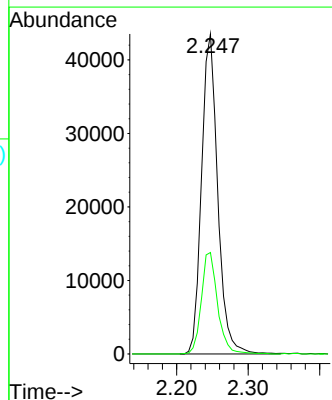
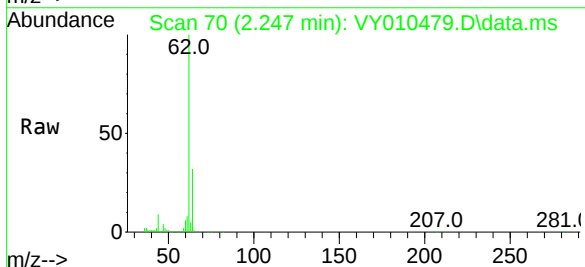
Instrument :  
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ClientSampleId :  
VY0914SBS02

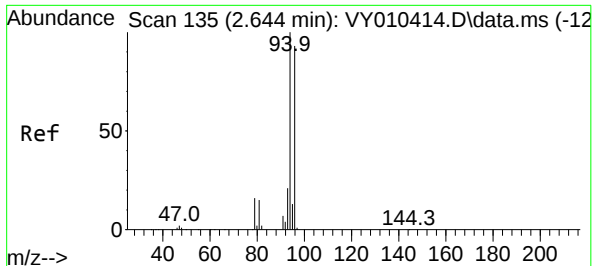
Tgt Ion: 50 Resp: 57119  
Ion Ratio Lower Upper  
50 100  
52 32.6 24.6 37.0



#4  
Vinyl Chloride  
Concen: 22.557 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 62 Resp: 68340  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.0 37.6

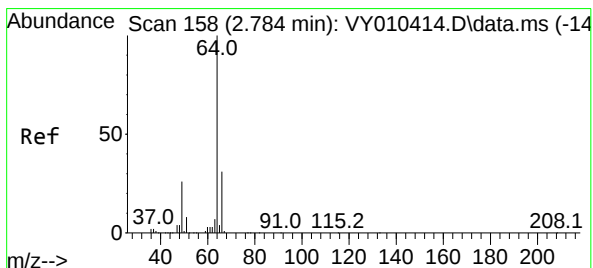
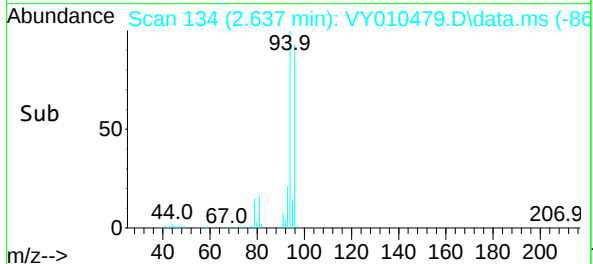
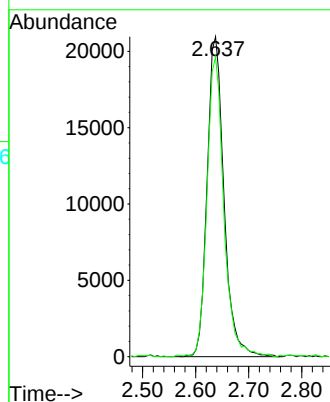
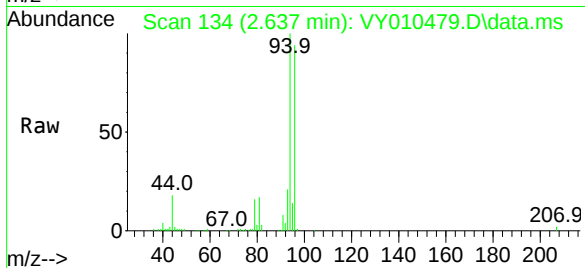




#5  
Bromomethane  
Concen: 21.800 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

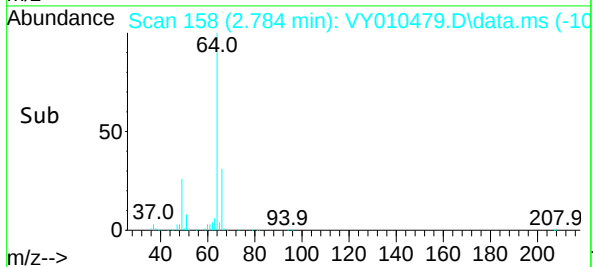
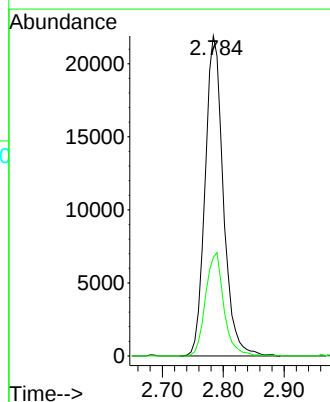
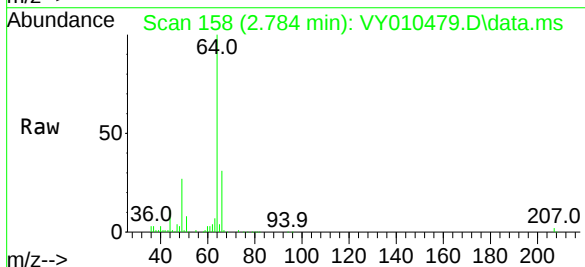
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

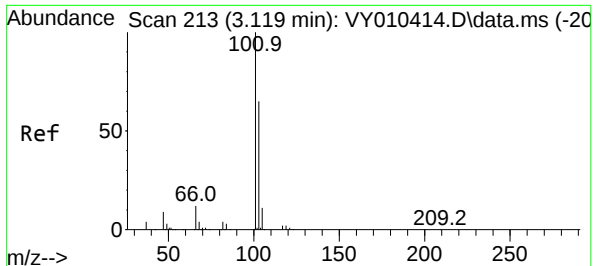
Tgt Ion: 94 Resp: 46272  
Ion Ratio Lower Upper  
94 100  
96 93.3 73.5 110.3



#6  
Chloroethane  
Concen: 22.454 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 64 Resp: 45502  
Ion Ratio Lower Upper  
64 100  
66 30.8 25.4 38.0

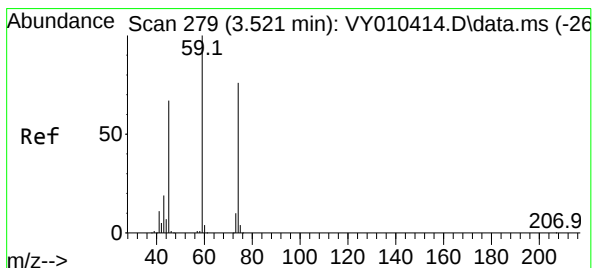
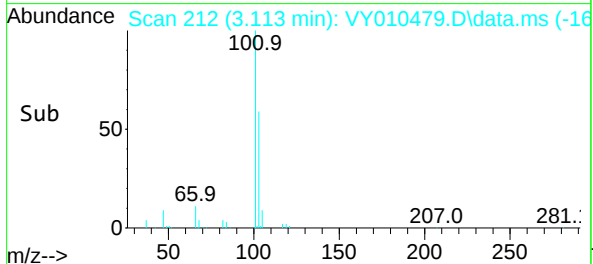
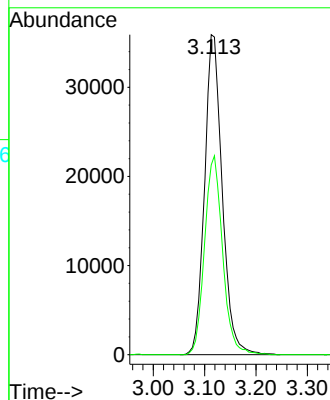
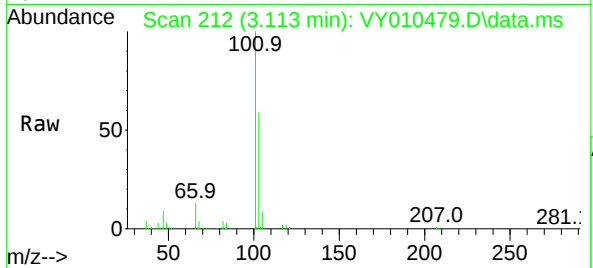




#7  
Trichlorofluoromethane  
Concen: 22.325 ug/l  
RT: 3.113 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

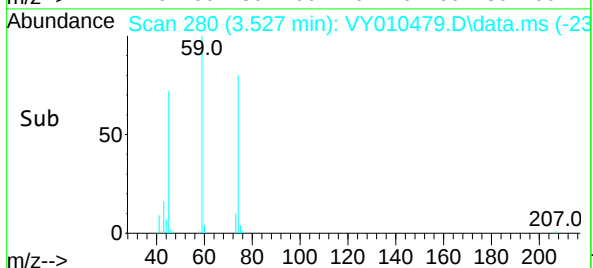
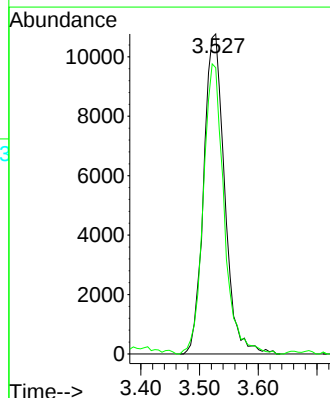
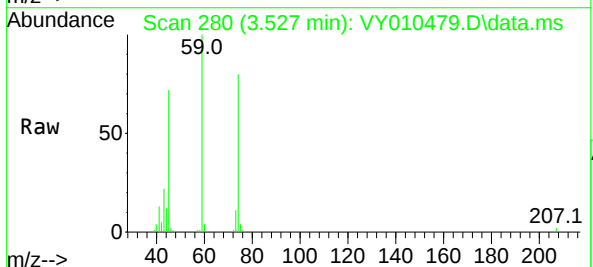
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

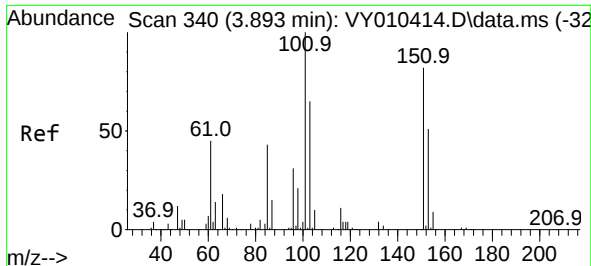
Tgt Ion:101 Resp: 85677  
Ion Ratio Lower Upper  
101 100  
103 59.3 48.0 72.0



#8  
Diethyl Ether  
Concen: 21.454 ug/l  
RT: 3.527 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 74 Resp: 26666  
Ion Ratio Lower Upper  
74 100  
45 90.0 55.1 165.5

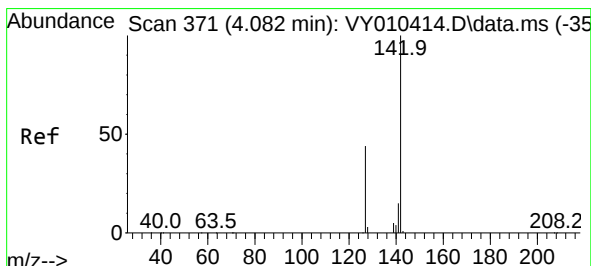
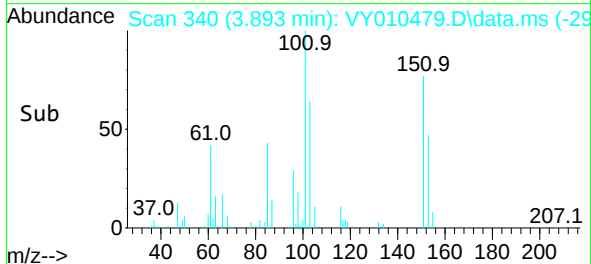
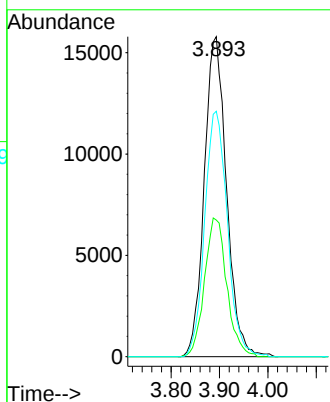
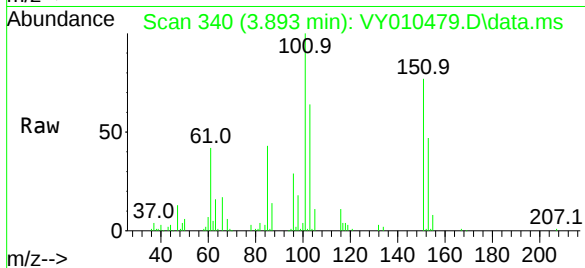




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.476 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

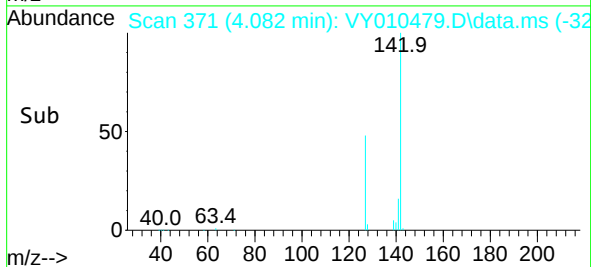
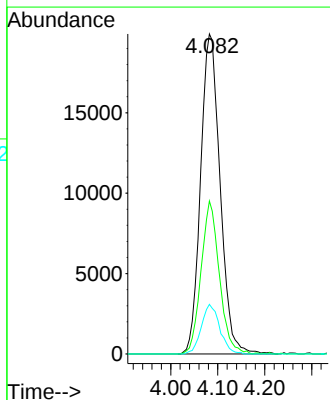
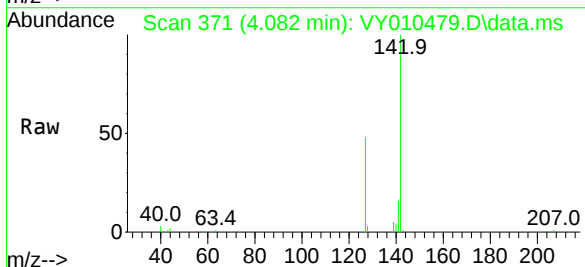
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

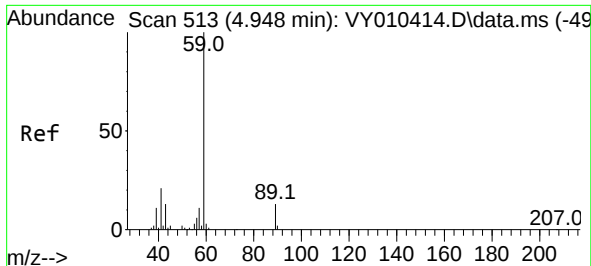
Tgt Ion:101 Resp: 50503  
Ion Ratio Lower Upper  
101 100  
85 43.4 40.6 60.8  
151 78.2 64.9 97.3



#10  
Methyl Iodide  
Concen: 20.634 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion:142 Resp: 57374  
Ion Ratio Lower Upper  
142 100  
127 44.7 41.5 62.3  
141 14.6 11.9 17.9

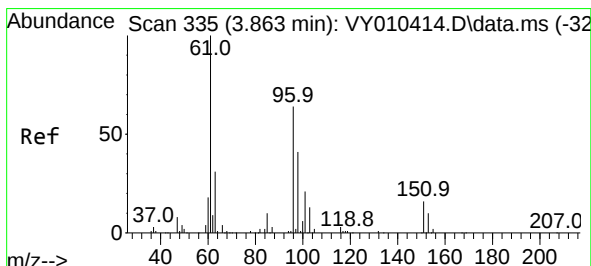
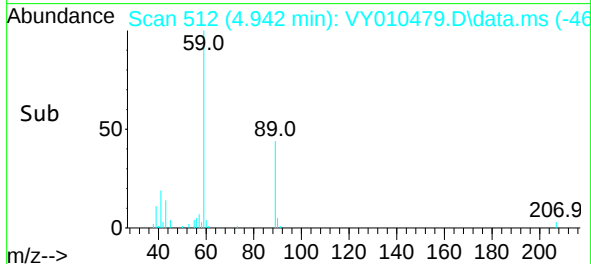
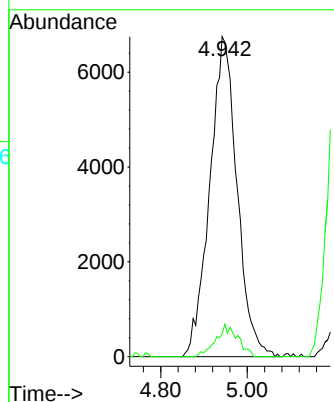
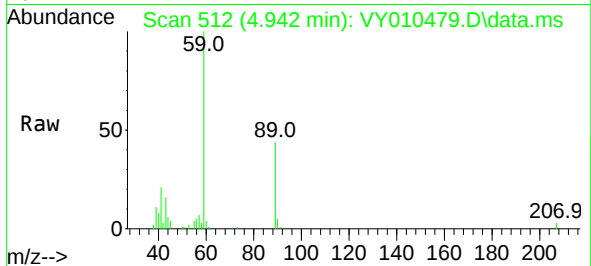




#11  
Tert butyl alcohol  
Concen: 105.282 ug/l  
RT: 4.942 min Scan# 513  
Delta R.T. -0.006 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

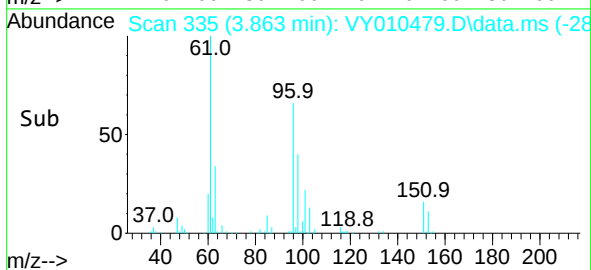
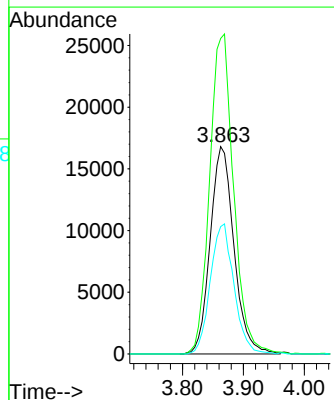
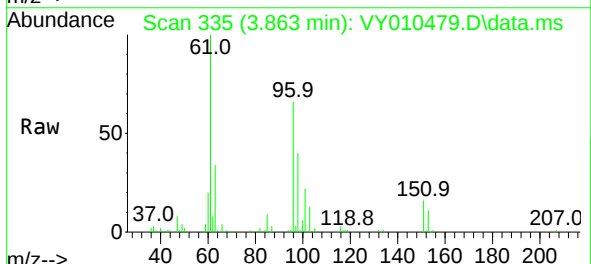
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

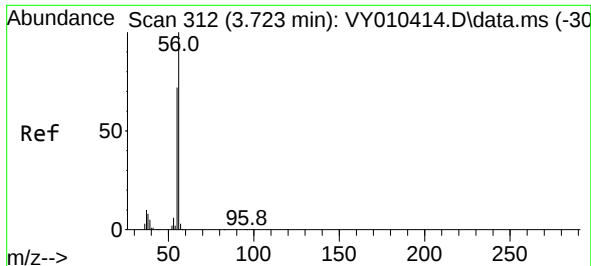
Tgt Ion: 59 Resp: 29620  
Ion Ratio Lower Upper  
59 100  
57 8.1 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 21.630 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 96 Resp: 45594  
Ion Ratio Lower Upper  
96 100  
61 152.1 145.8 218.6  
98 61.4 52.5 78.7

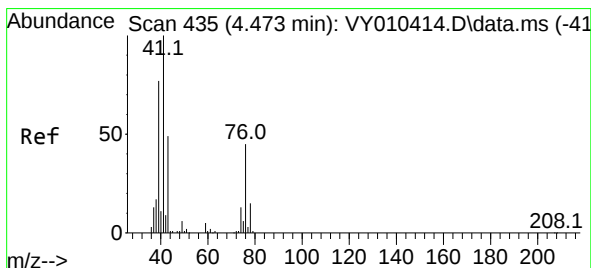
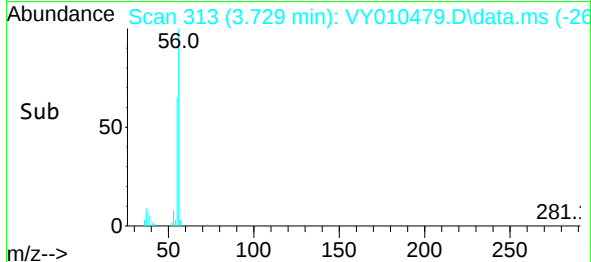
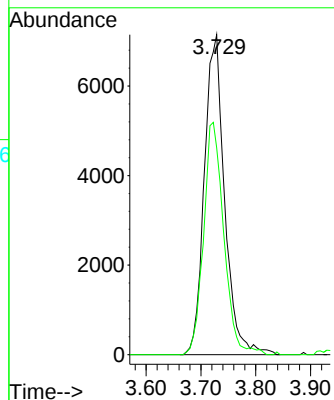
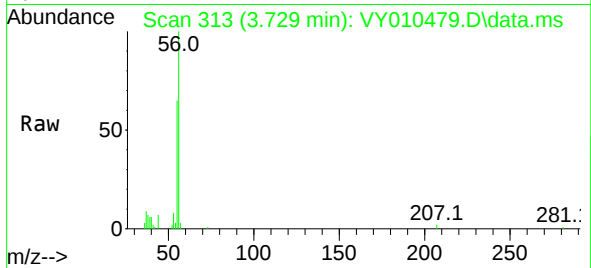




#13  
Acrolein  
Concen: 87.238 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

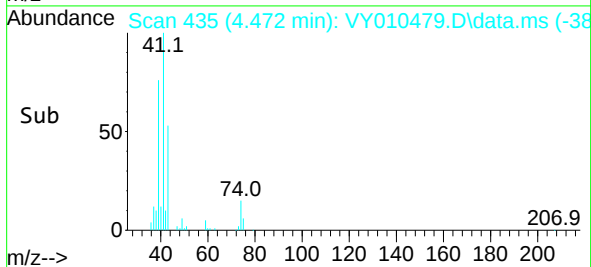
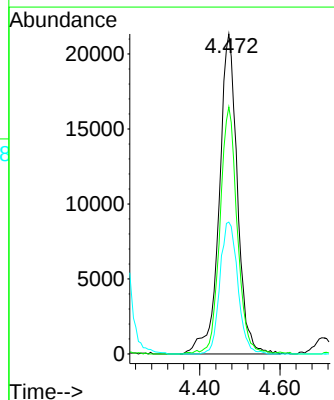
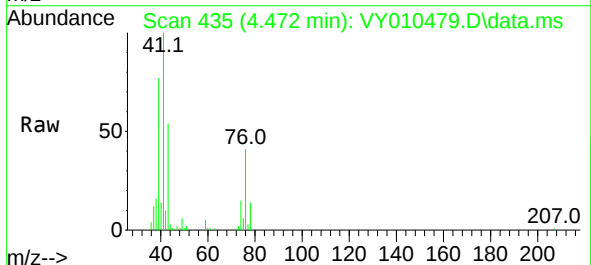
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

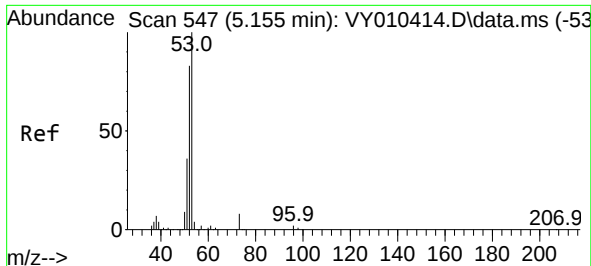
Tgt Ion: 56 Resp: 18322  
Ion Ratio Lower Upper  
56 100  
55 72.5 57.6 86.4



#14  
Allyl chloride  
Concen: 22.081 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 41 Resp: 67028  
Ion Ratio Lower Upper  
41 100  
39 73.6 58.8 88.2  
76 40.6 25.1 37.7#

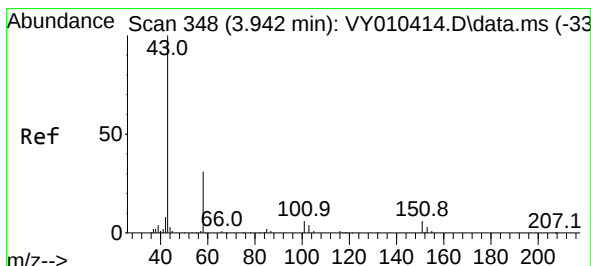
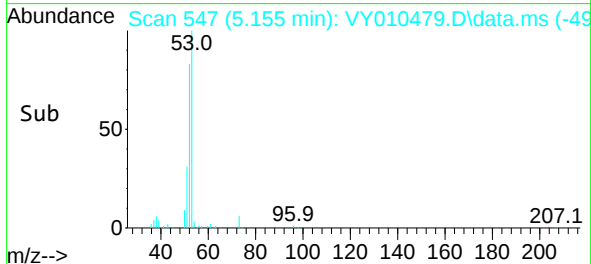
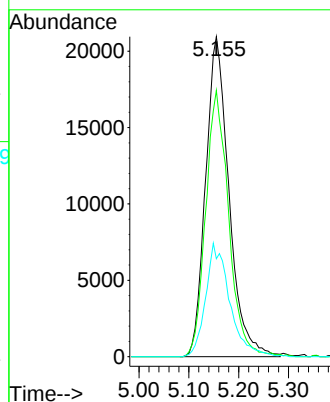
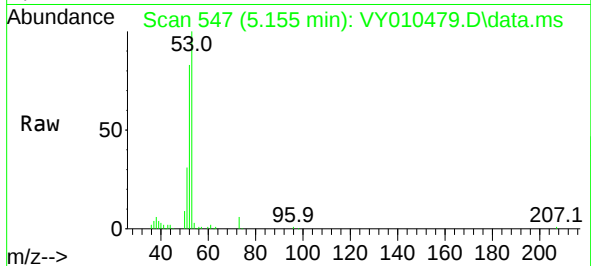




#15  
Acrylonitrile  
Concen: 113.342 ug/l  
RT: 5.155 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

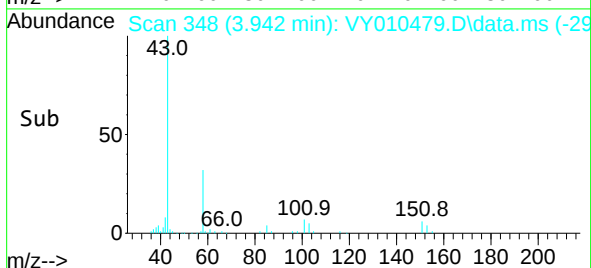
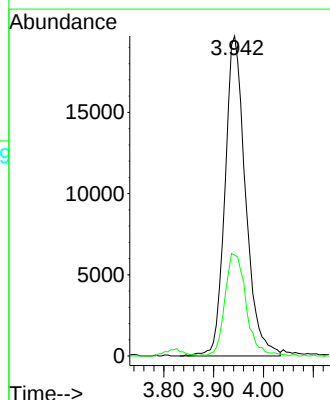
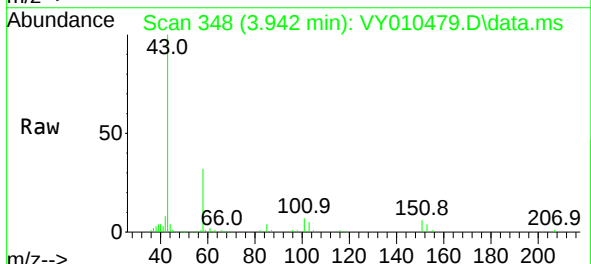
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

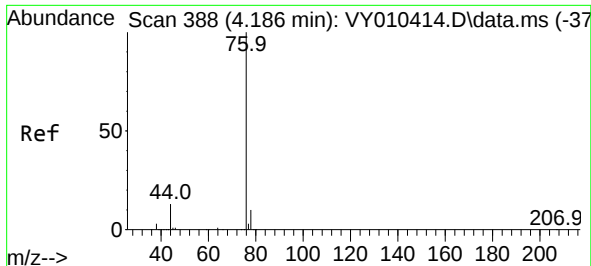
Tgt Ion: 53 Resp: 68196  
Ion Ratio Lower Upper  
53 100  
52 82.0 67.0 100.4  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 111.441 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 43 Resp: 56302  
Ion Ratio Lower Upper  
43 100  
58 30.9 22.0 33.0

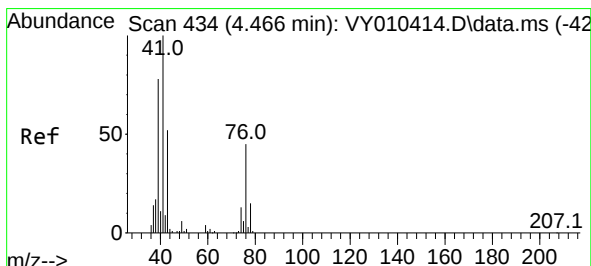
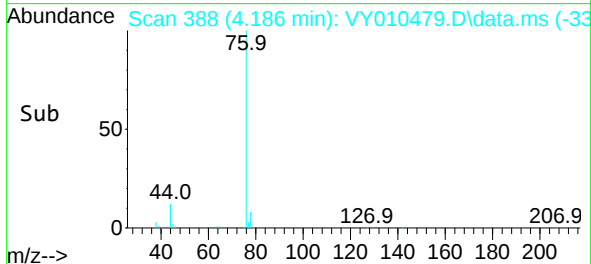
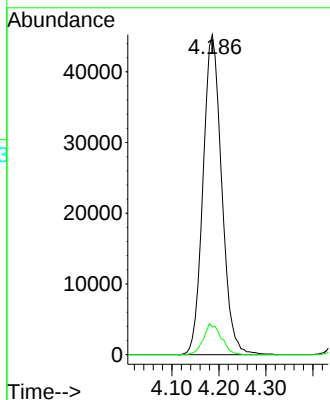
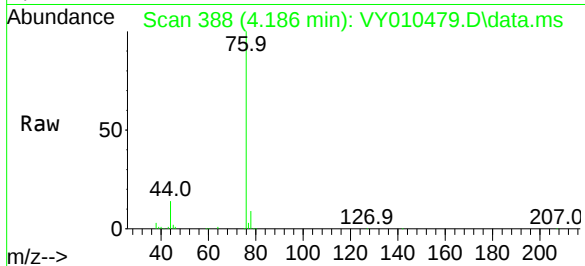




#17  
Carbon Disulfide  
Concen: 21.875 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

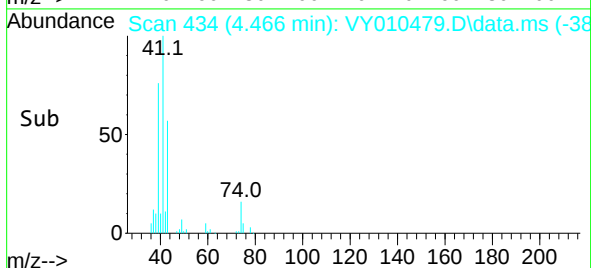
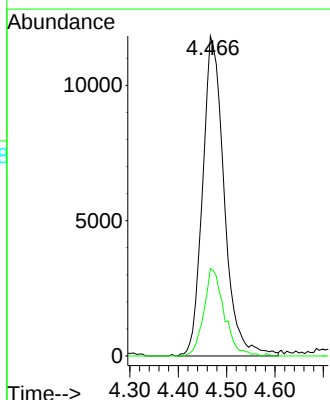
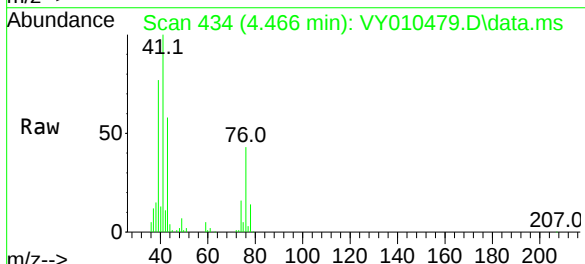
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

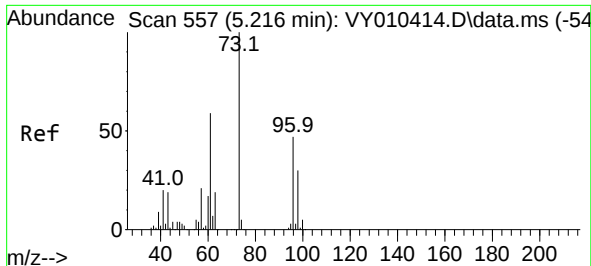
Tgt Ion: 76 Resp: 124697  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 23.552 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 43 Resp: 36606  
Ion Ratio Lower Upper  
43 100  
74 25.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 20.881 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

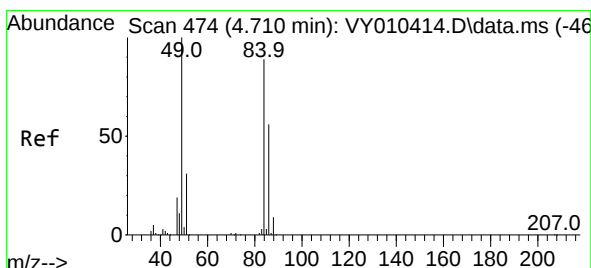
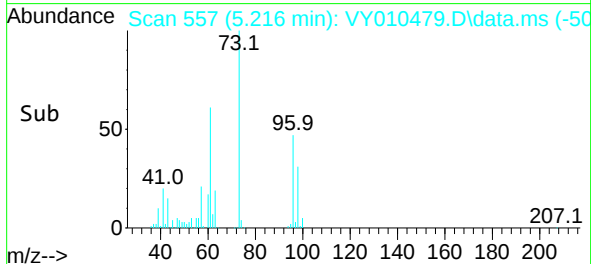
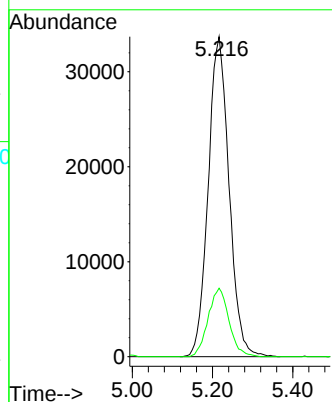
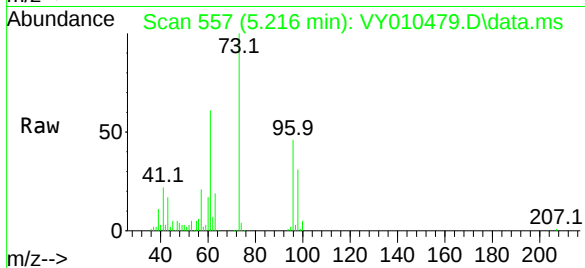
VY0914SBS02

Tgt Ion: 73 Resp: 121555

Ion Ratio Lower Upper

73 100

57 21.4 18.6 27.8



#20

Methylene Chloride

Concen: 32.927 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Tgt Ion: 84 Resp: 86294

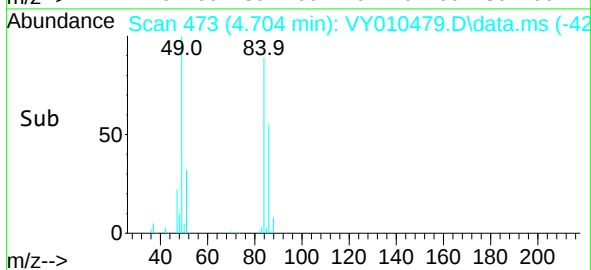
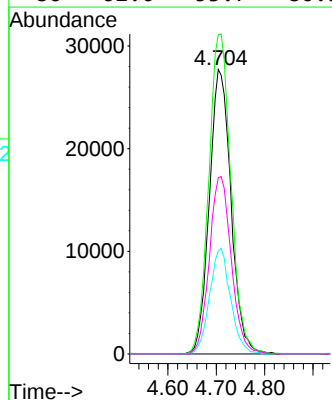
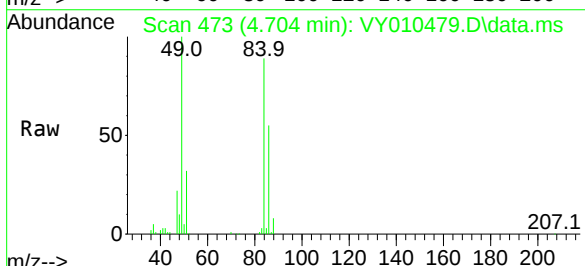
Ion Ratio Lower Upper

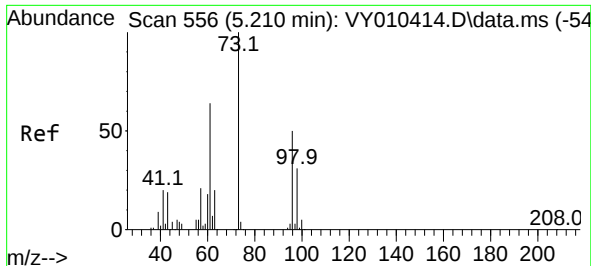
84 100

49 112.3 114.4 171.6#

51 36.2 35.3 52.9

86 62.0 53.7 80.5

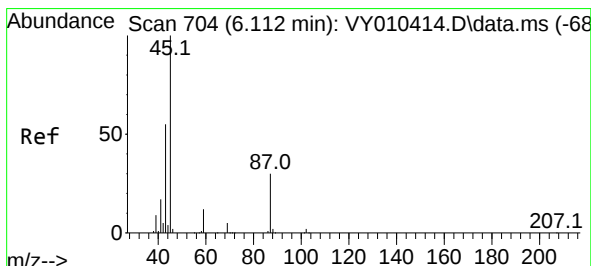
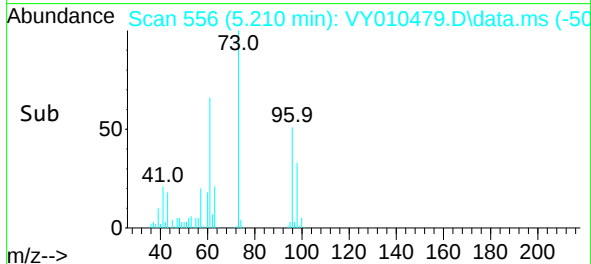
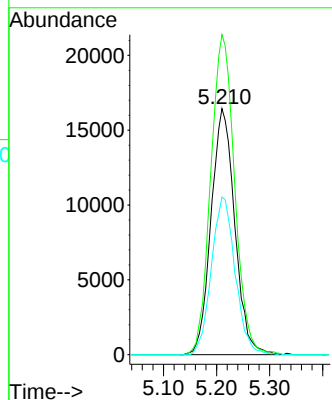
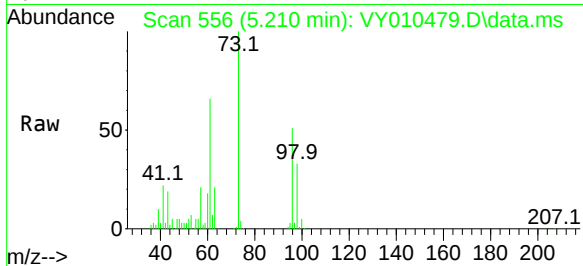




#21  
trans-1,2-Dichloroethene  
Concen: 21.274 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

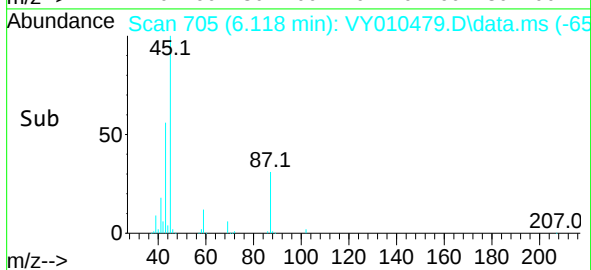
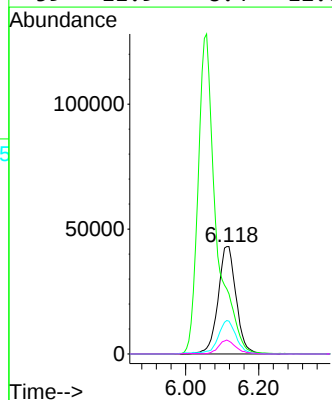
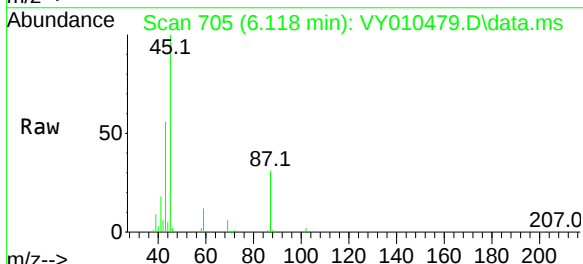
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

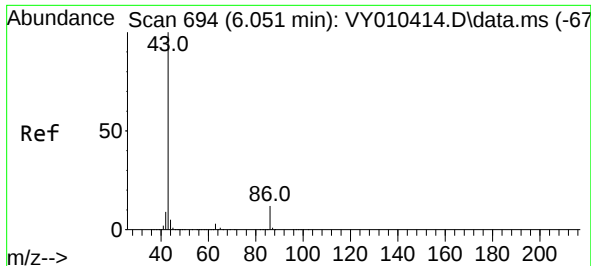
Tgt Ion: 96 Resp: 50918  
Ion Ratio Lower Upper  
96 100  
61 130.0 120.5 180.7  
98 64.0 49.8 74.8



#22  
Diisopropyl ether  
Concen: 21.763 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 45 Resp: 147483  
Ion Ratio Lower Upper  
45 100  
43 55.6 49.3 73.9  
87 30.5 19.2 28.8#  
59 11.9 8.4 12.6

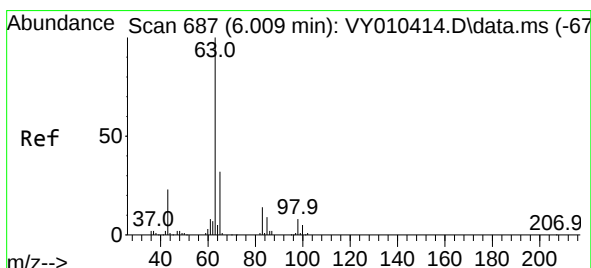
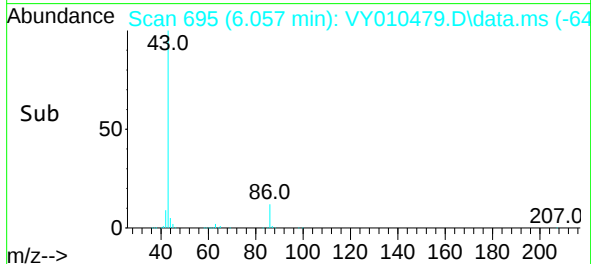
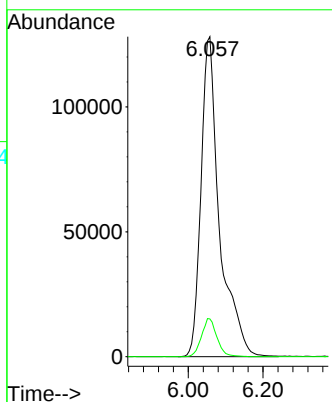
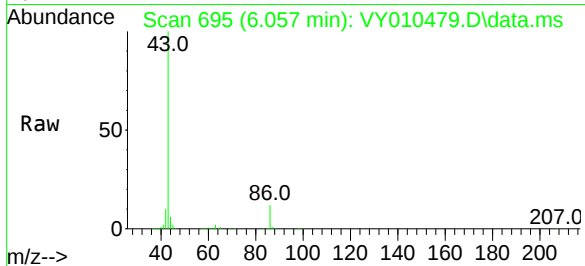




#23  
 Vinyl Acetate  
 Concen: 105.917 ug/l  
 RT: 6.057 min Scan# 694  
 Delta R.T. 0.006 min  
 Lab File: VY010479.D  
 Acq: 14 Sep 2022 12:51

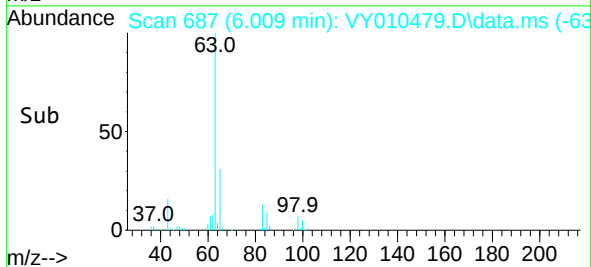
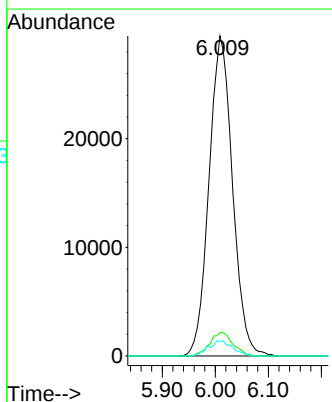
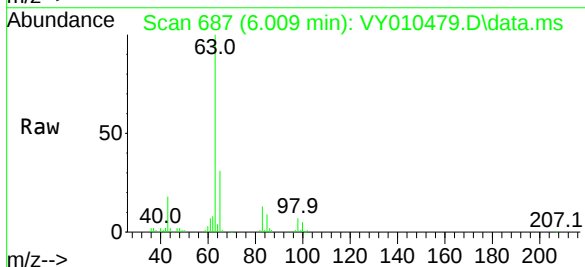
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0914SBS02

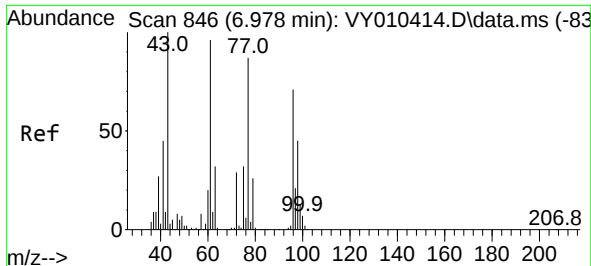
Tgt Ion: 43 Resp: 439866  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 22.111 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.000 min  
 Lab File: VY010479.D  
 Acq: 14 Sep 2022 12:51

Tgt Ion: 63 Resp: 90715  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 111.365 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

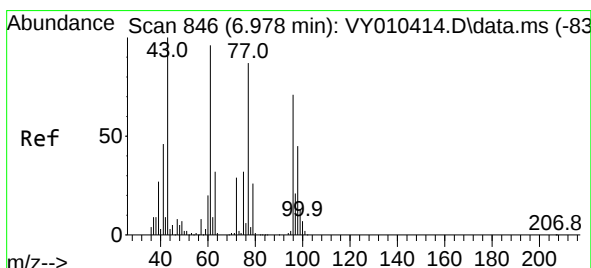
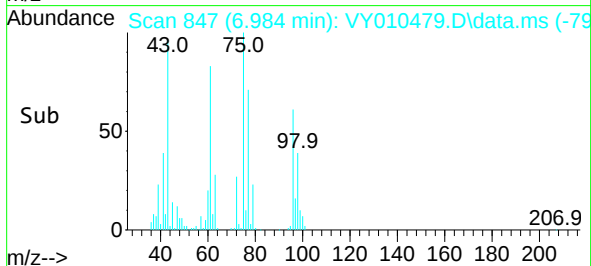
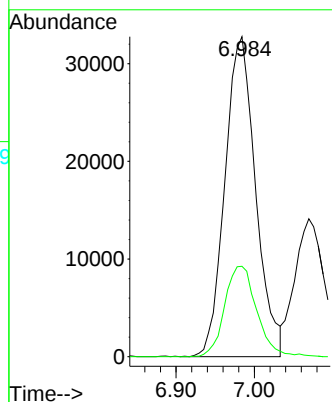
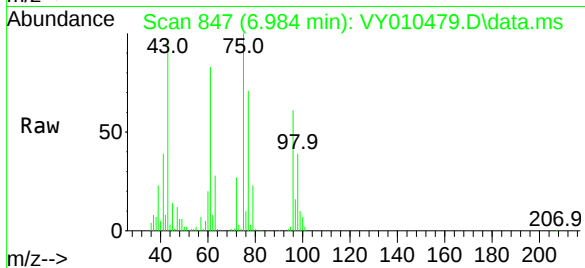
VY0914SBS02

Tgt Ion: 43 Resp: 89415

Ion Ratio Lower Upper

43 100

72 28.3 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 21.305 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010479.D

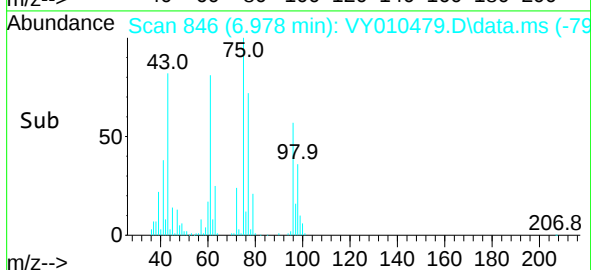
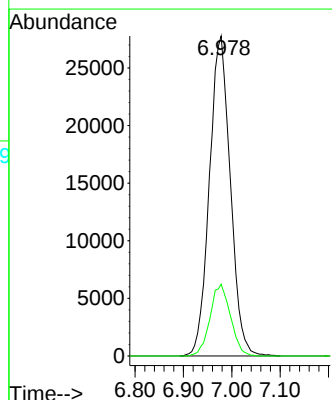
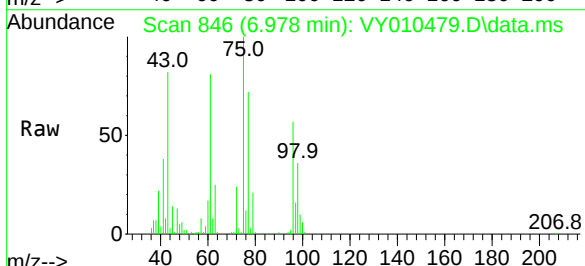
Acq: 14 Sep 2022 12:51

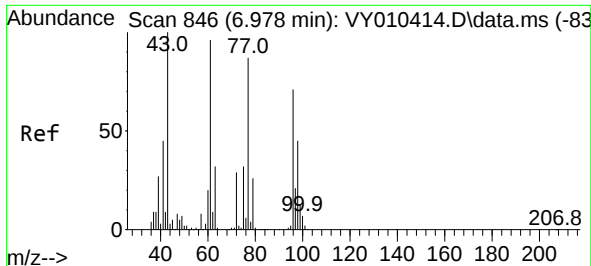
Tgt Ion: 77 Resp: 83407

Ion Ratio Lower Upper

77 100

97 21.9 10.4 31.4

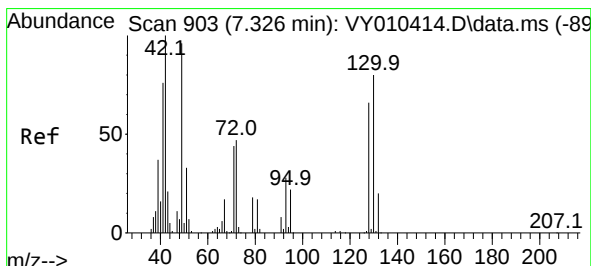
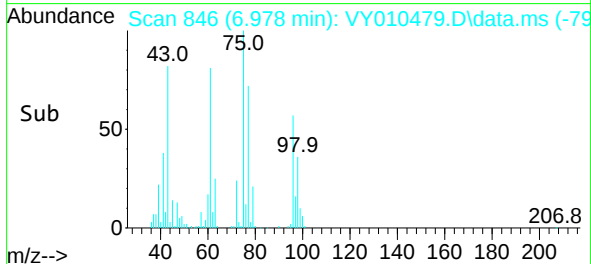
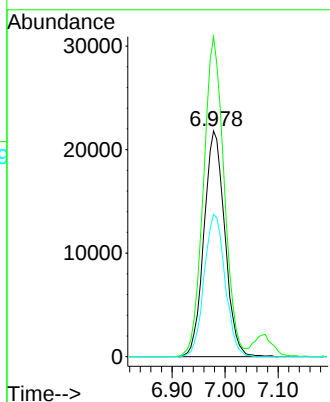
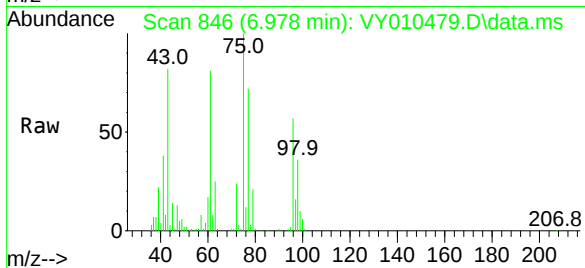




#27  
 cis-1,2-Dichloroethene  
 Concen: 21.405 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY010479.D  
 Acq: 14 Sep 2022 12:51

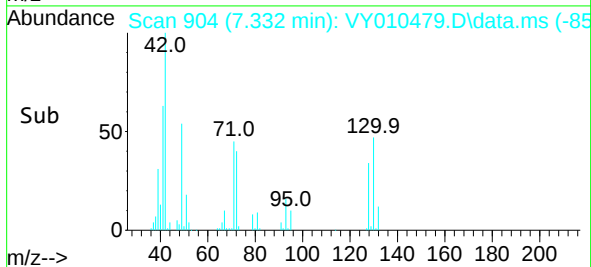
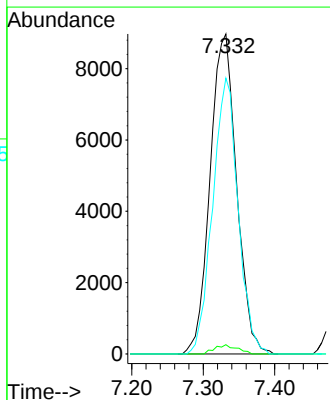
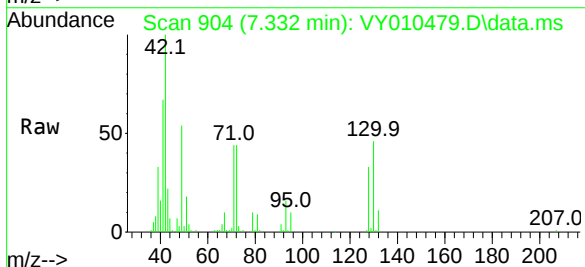
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0914SBS02

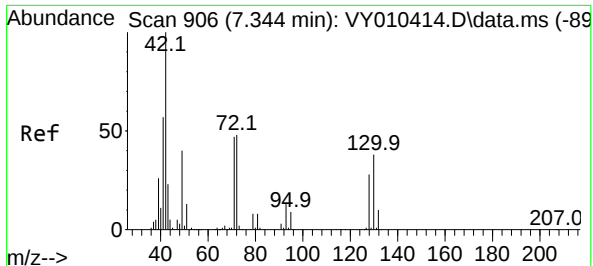
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.7 | 0.0   | 319.8 |
| 98      | 63.4  | 0.0   | 127.0 |



#28  
 Bromochloromethane  
 Concen: 17.550 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. 0.006 min  
 Lab File: VY010479.D  
 Acq: 14 Sep 2022 12:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 2.2#  |
| 130     | 82.5  | 55.4  | 83.0  |





#29

Tetrahydrofuran

Concen: 110.177 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

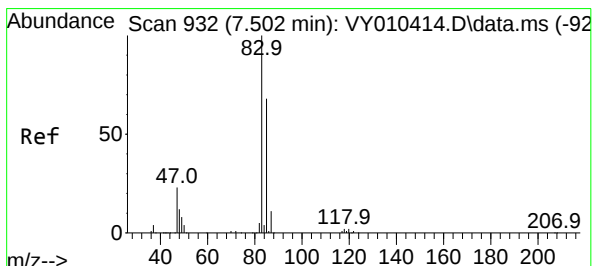
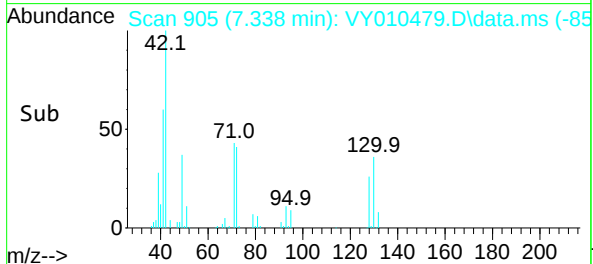
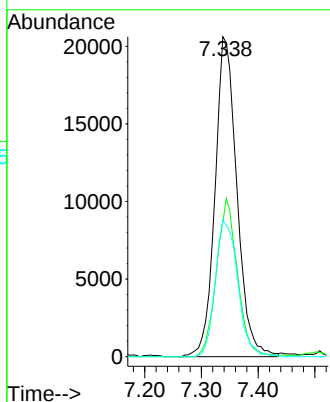
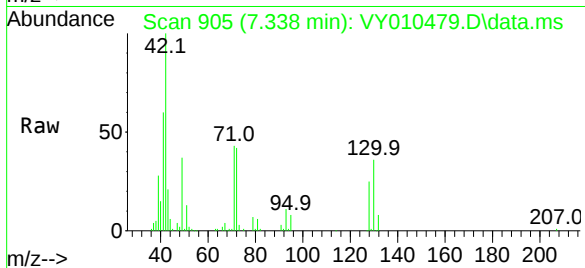
Tgt Ion: 42 Resp: 55210

Ion Ratio Lower Upper

42 100

72 47.3 30.3 45.5#

71 44.0 29.0 43.4#



#30

Chloroform

Concen: 21.758 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010479.D

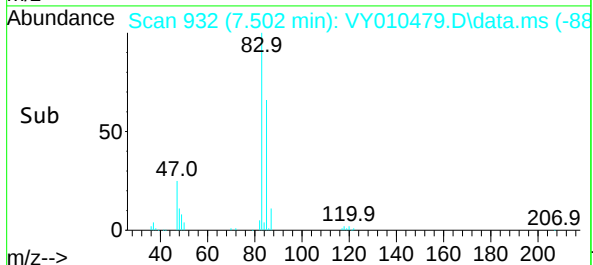
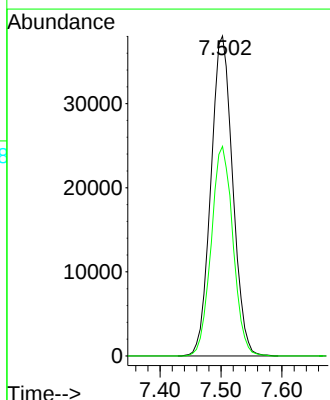
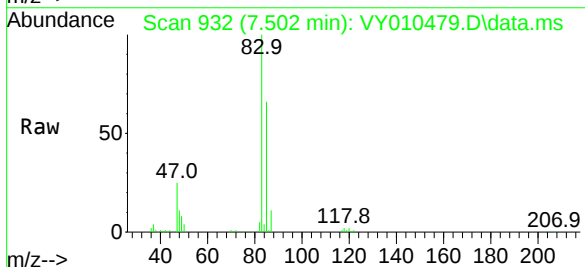
Acq: 14 Sep 2022 12:51

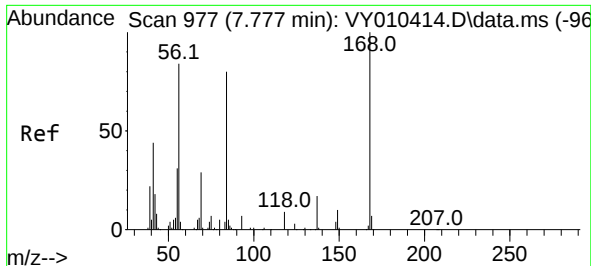
Tgt Ion: 83 Resp: 94687

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

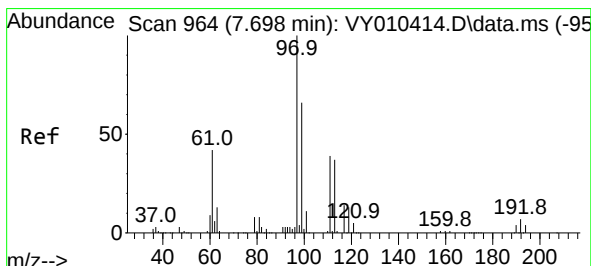
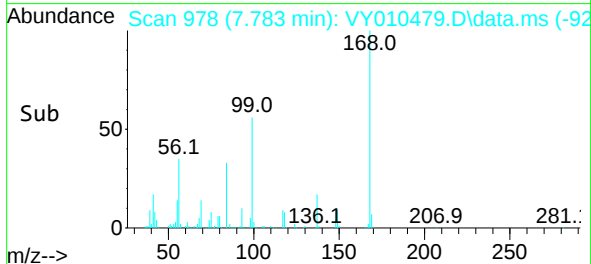
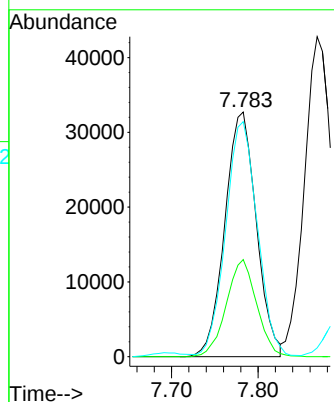
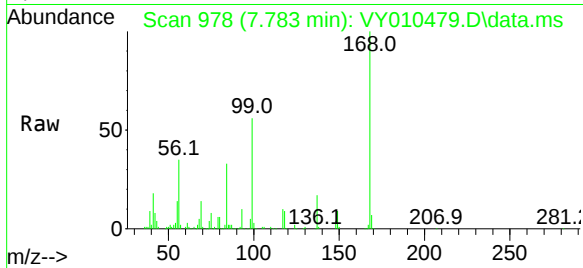




#31  
Cyclohexane  
Concen: 22.195 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

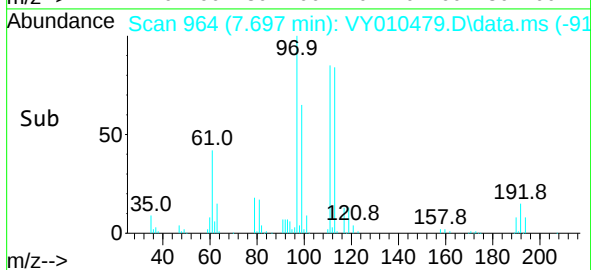
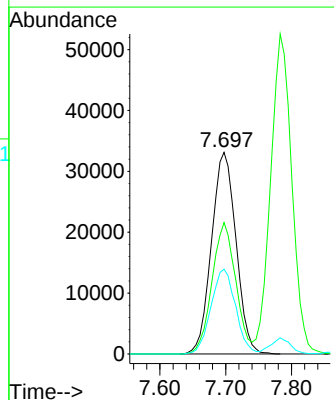
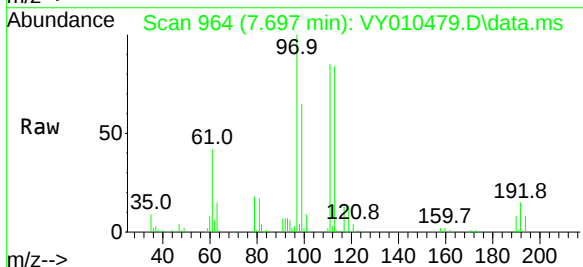
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

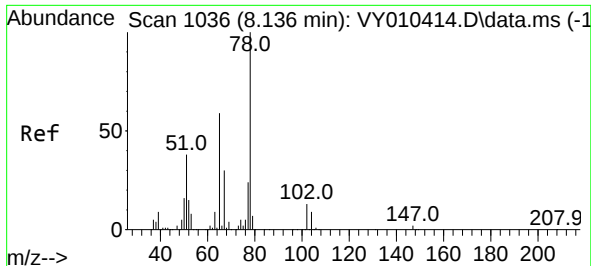
Tgt Ion: 56 Resp: 82546  
Ion Ratio Lower Upper  
56 100  
69 39.7 26.7 40.1  
84 95.1 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 21.795 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 97 Resp: 85883  
Ion Ratio Lower Upper  
97 100  
99 63.3 50.7 76.1  
61 42.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.090 ug/l

RT: 8.136 min Scan# 110271

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

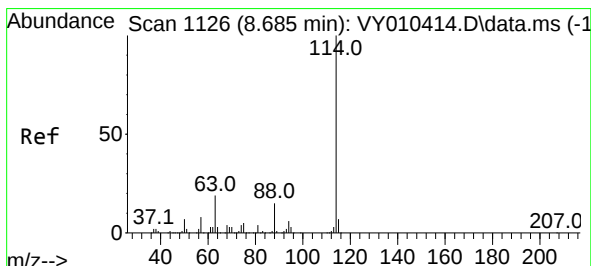
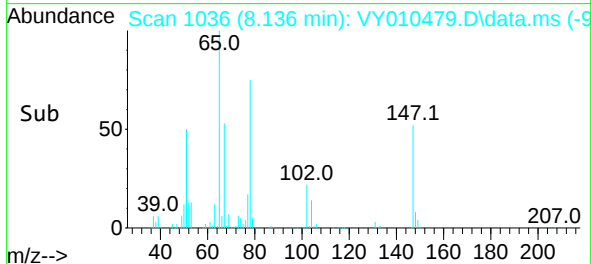
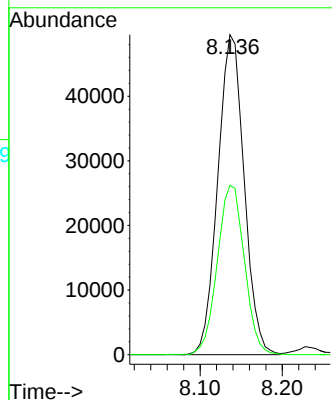
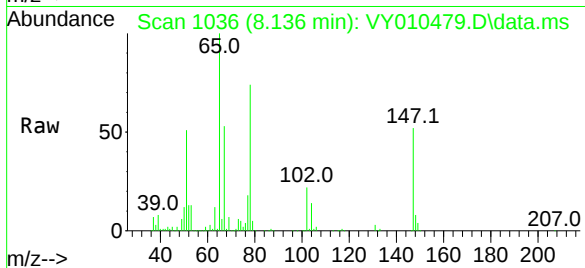
VY0914SBS02

Tgt Ion: 65 Resp: 110271

Ion Ratio Lower Upper

65 100

67 54.5 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: VY010479.D

Acq: 14 Sep 2022 12:51

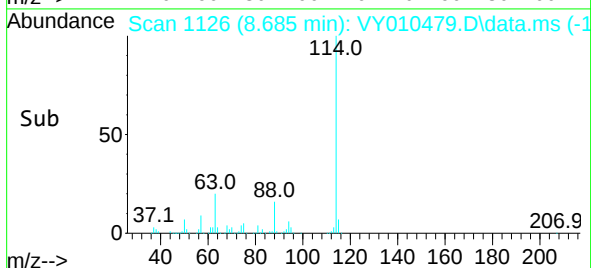
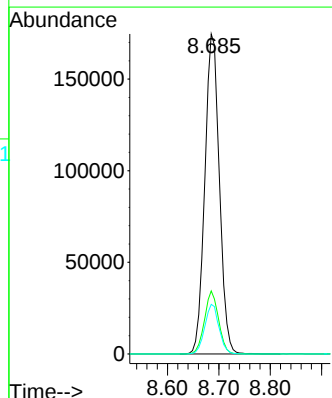
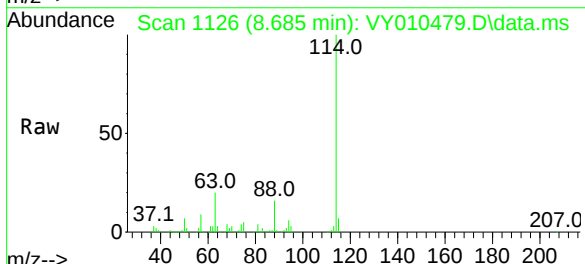
Tgt Ion: 114 Resp: 343930

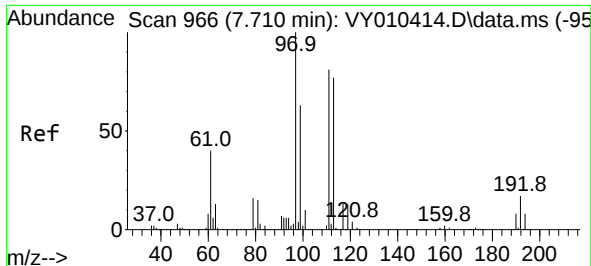
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8

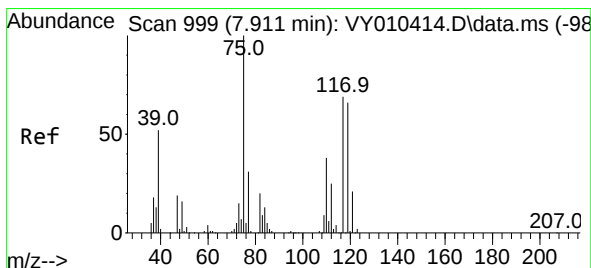
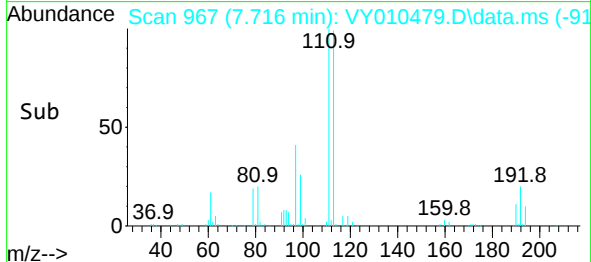
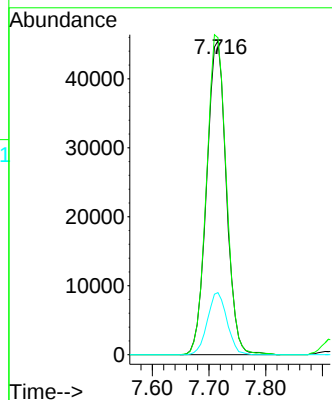
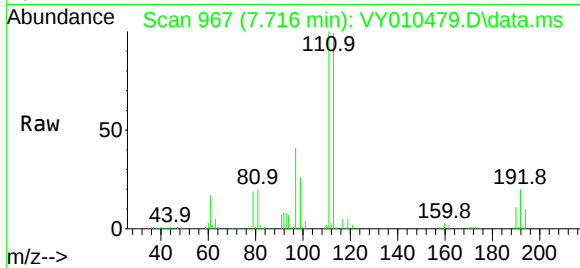




#35  
Dibromofluoromethane  
Concen: 44.924 ug/l  
RT: 7.716 min Scan# 966  
Delta R.T. 0.006 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

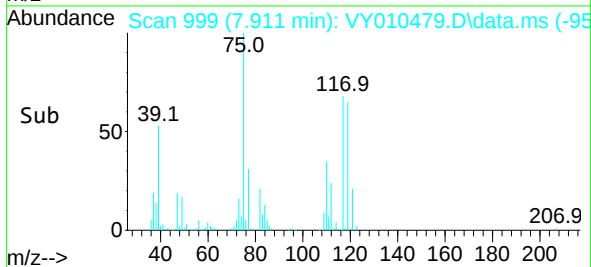
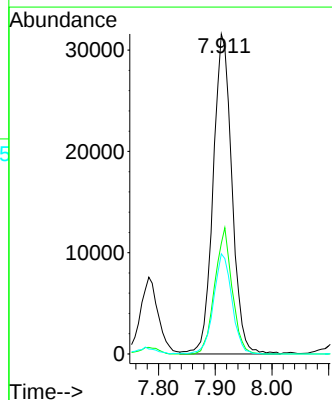
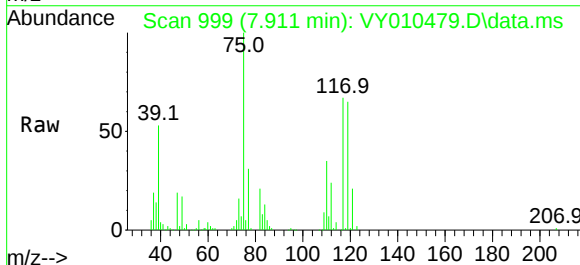
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

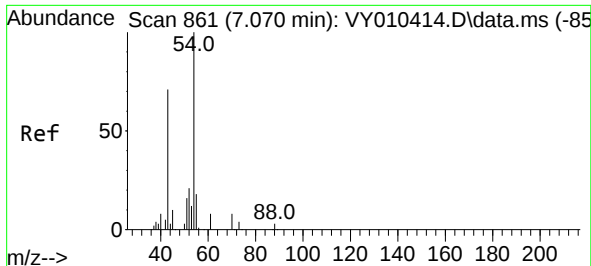
Tgt Ion:113 Resp: 109731  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.6 124.0  
192 19.7 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 21.759 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 75 Resp: 72761  
Ion Ratio Lower Upper  
75 100  
110 36.2 17.1 51.2  
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 21.682 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.001 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

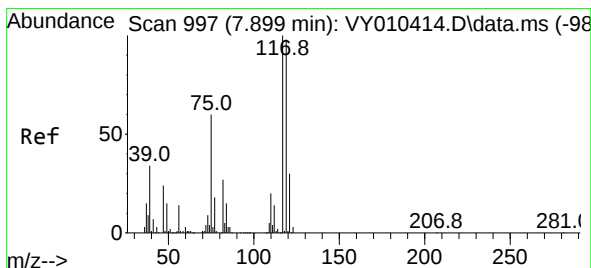
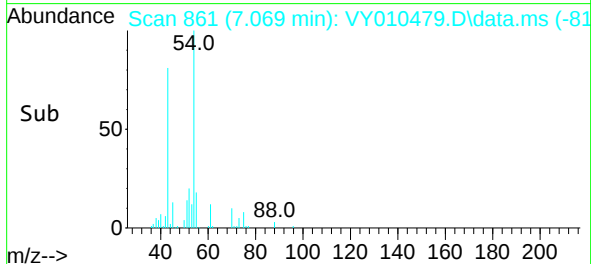
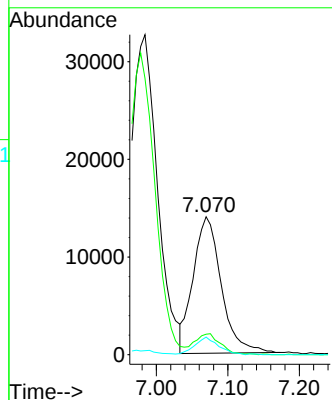
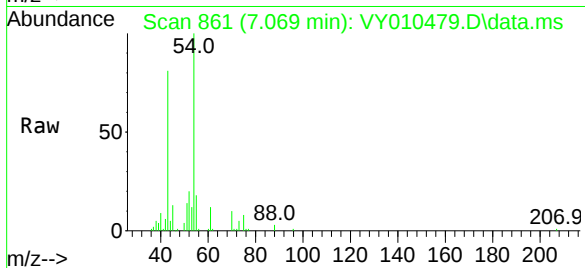
Tgt Ion: 43 Resp: 38115

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 21.150 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

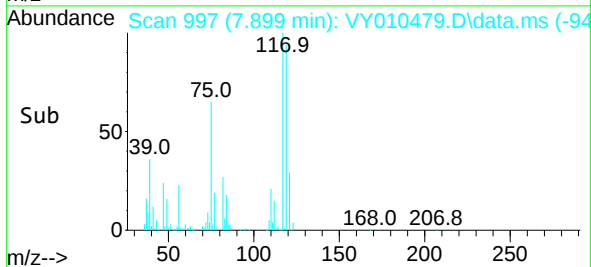
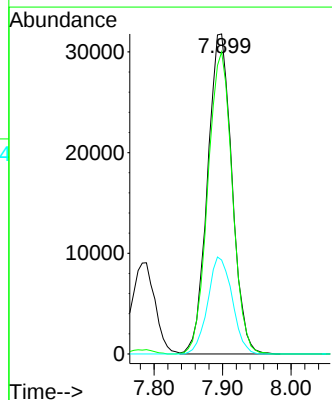
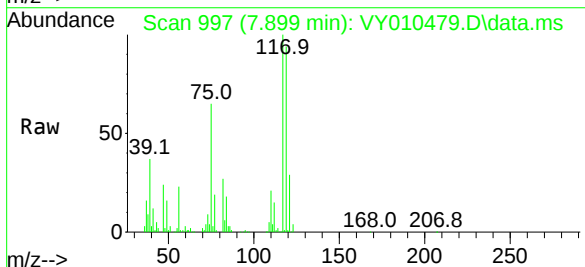
Tgt Ion: 117 Resp: 78685

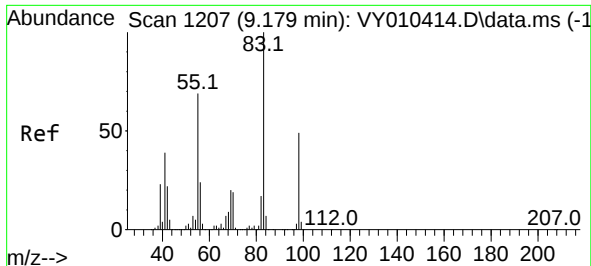
Ion Ratio Lower Upper

117 100

119 94.4 77.9 116.9

121 29.4 24.8 37.2





#39

Methylcyclohexane

Concen: 21.250 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

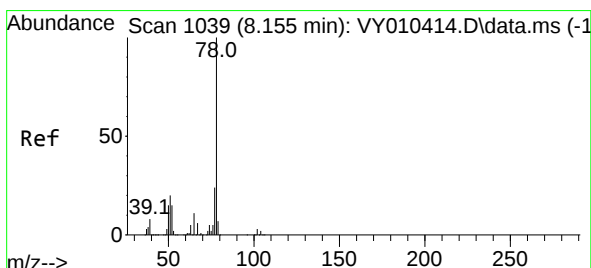
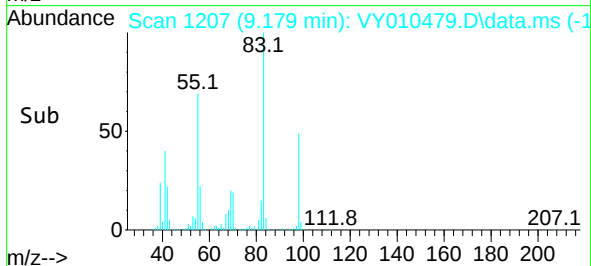
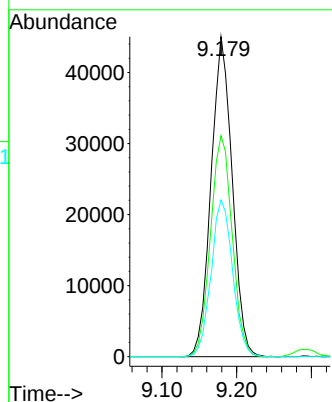
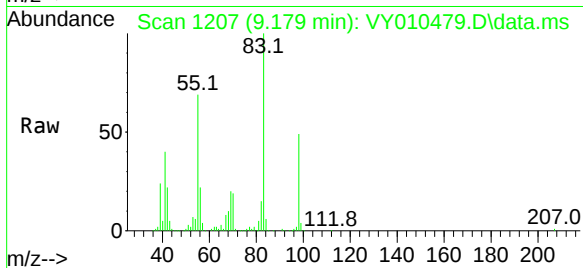
Tgt Ion: 83 Resp: 88604

Ion Ratio Lower Upper

83 100

55 69.1 66.5 99.7

98 48.9 37.9 56.9



#40

Benzene

Concen: 21.600 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010479.D

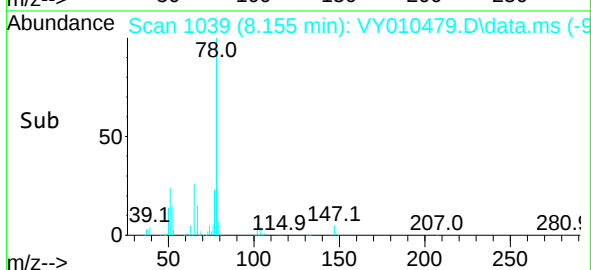
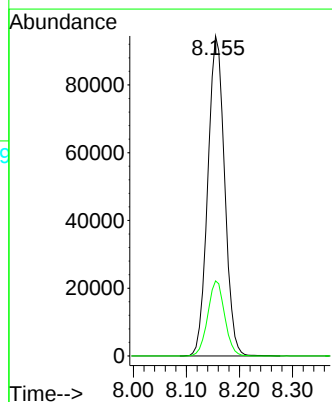
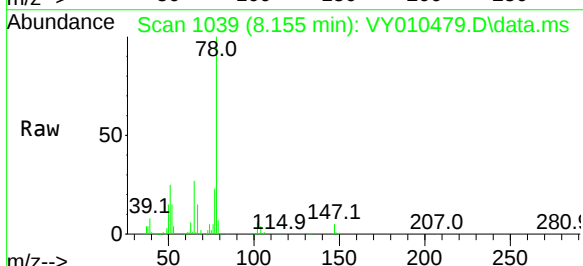
Acq: 14 Sep 2022 12:51

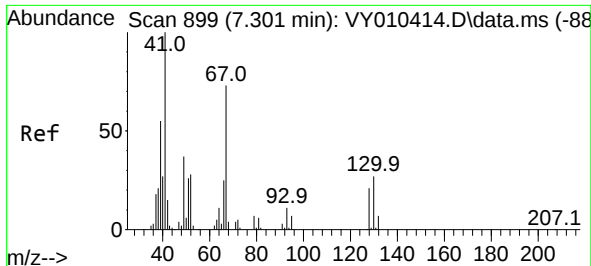
Tgt Ion: 78 Resp: 207926

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

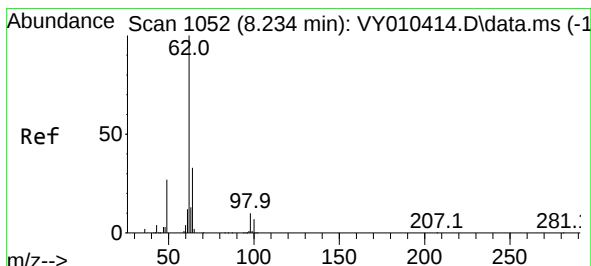
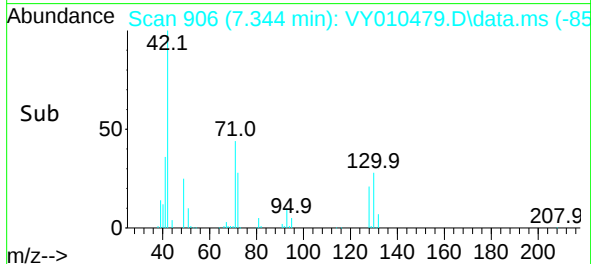
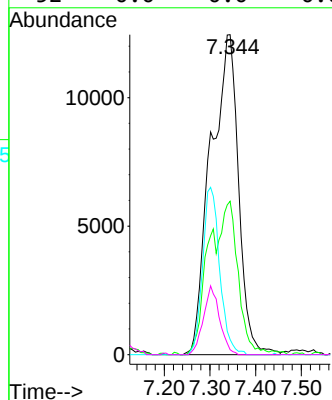
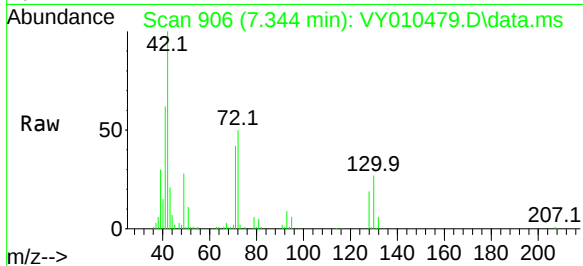




#41  
Methacrylonitrile  
Concen: 52.318 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.043 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

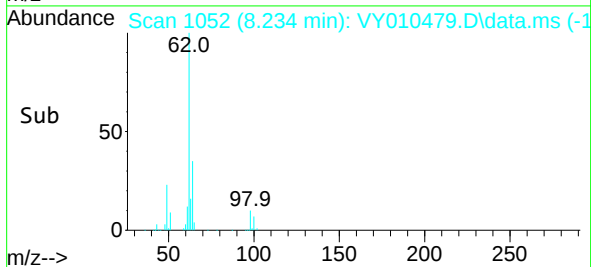
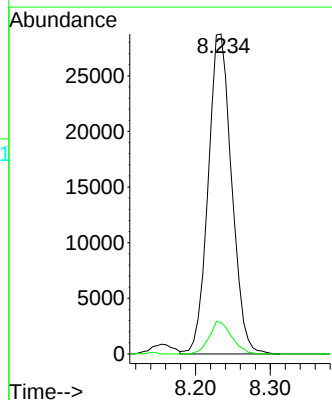
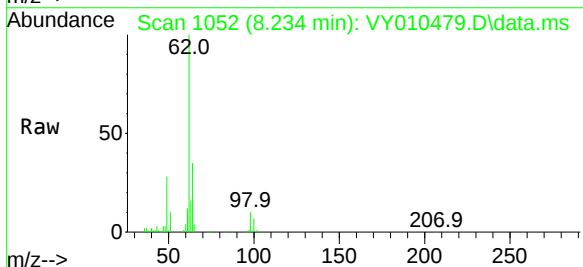
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

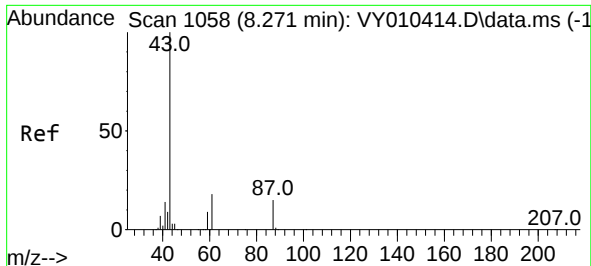
Tgt Ion: 41 Resp: 52577  
Ion Ratio Lower Upper  
41 100  
39 27.3 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 21.932 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 62 Resp: 62782  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 14.8

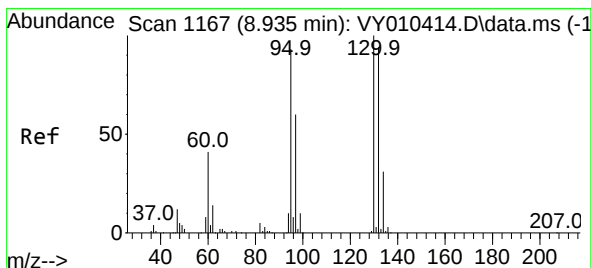
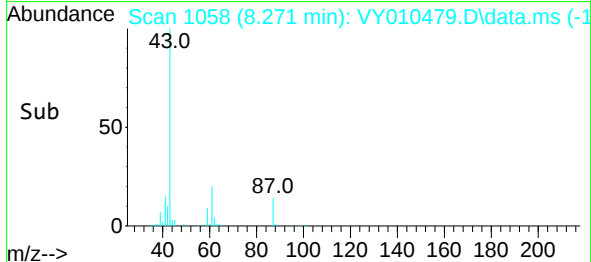
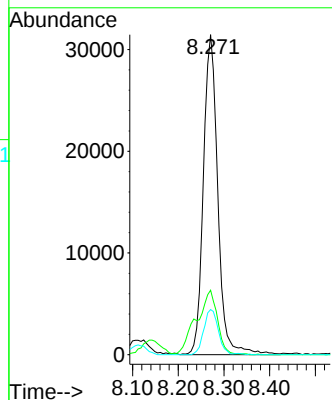
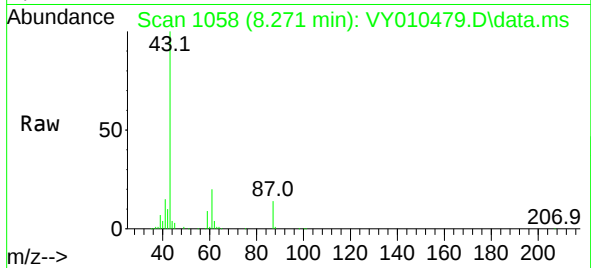




#43  
Isopropyl Acetate  
Concen: 21.411 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.001 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

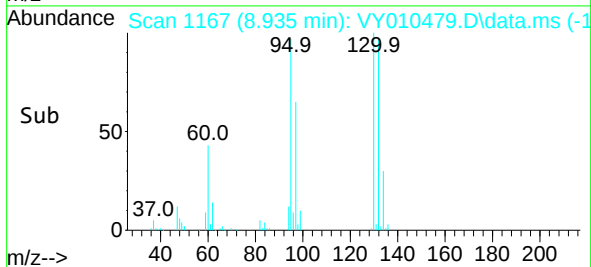
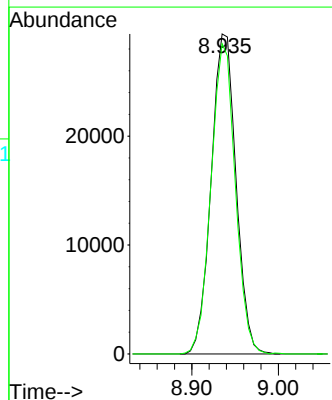
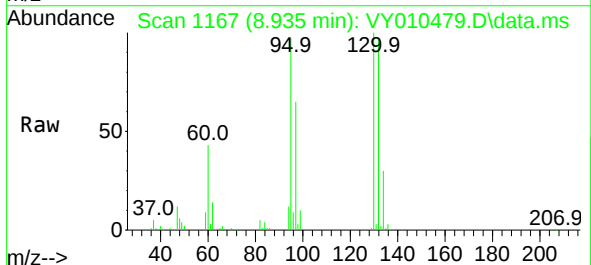
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

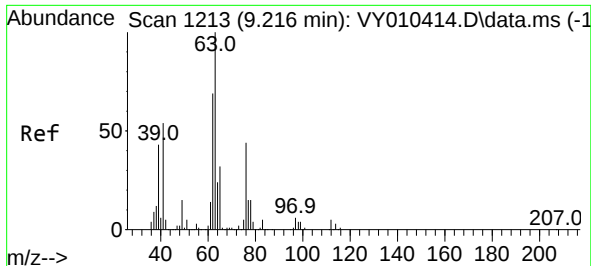
Tgt Ion: 43 Resp: 68882  
Ion Ratio Lower Upper  
43 100  
61 29.5 20.2 30.2  
87 14.1 8.9 13.3#



#44  
Trichloroethene  
Concen: 20.664 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion:130 Resp: 58552  
Ion Ratio Lower Upper  
130 100  
95 97.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.593 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

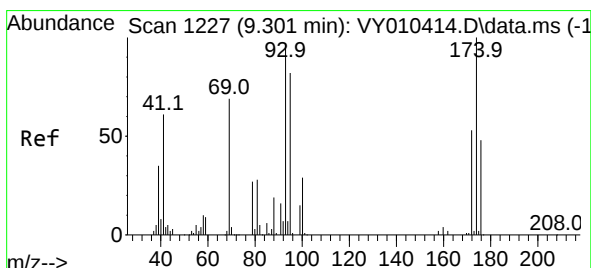
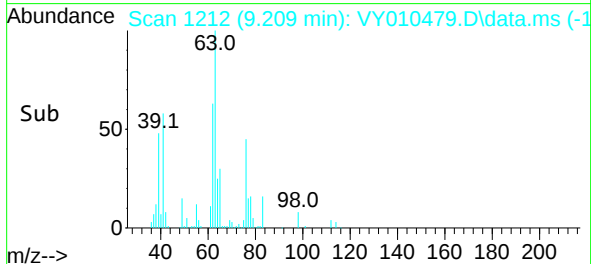
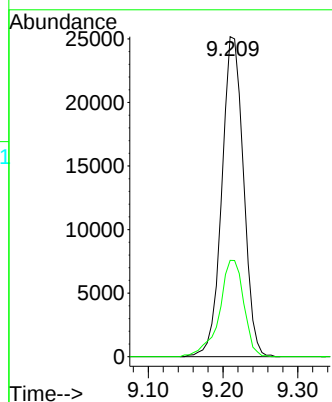
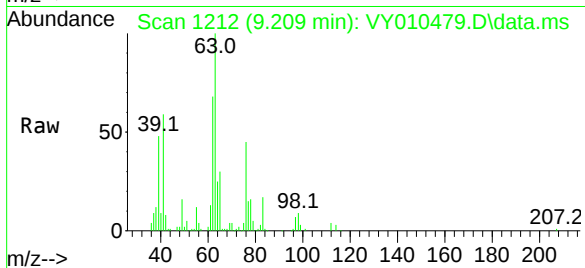
VY0914SBS02

Tgt Ion: 63 Resp: 50694

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.6



#46

Dibromomethane

Concen: 21.135 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

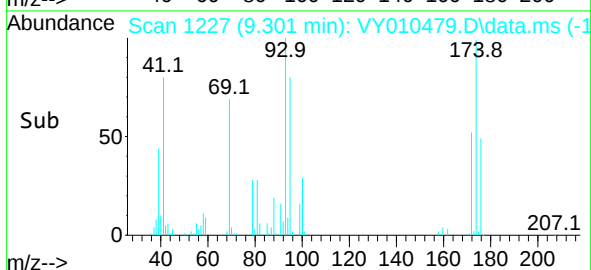
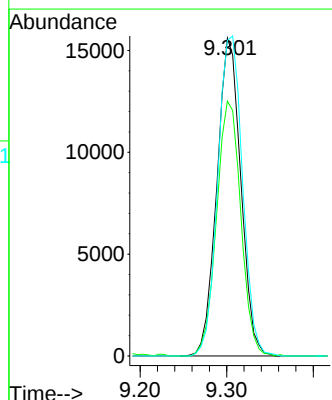
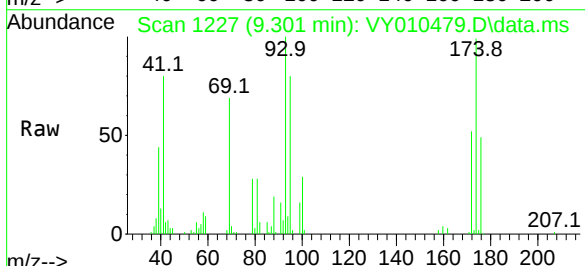
Tgt Ion: 93 Resp: 29922

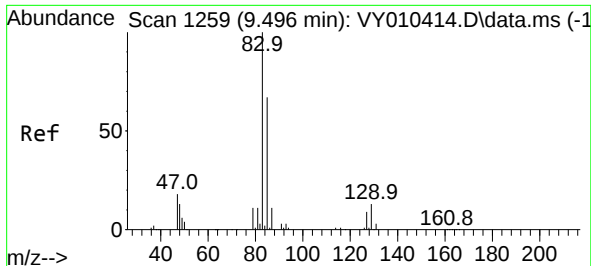
Ion Ratio Lower Upper

93 100

95 81.4 64.3 96.5

174 104.0 83.4 125.0

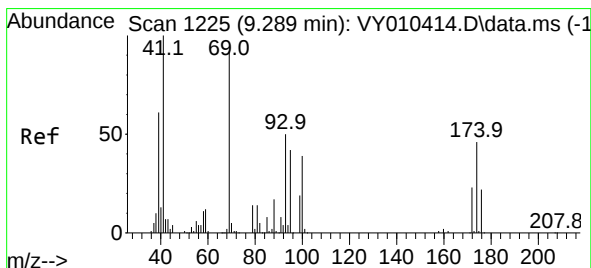
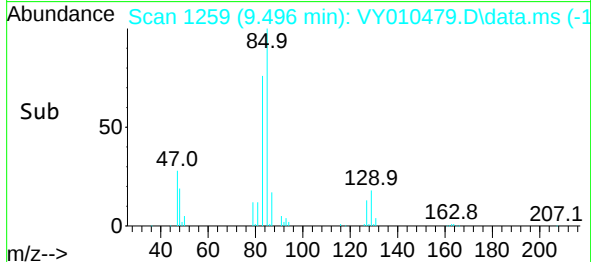
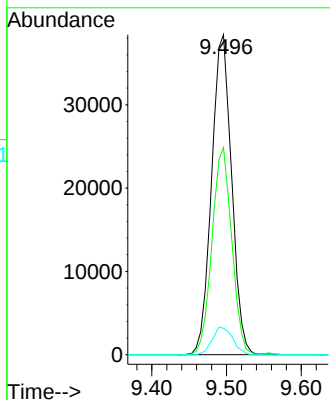
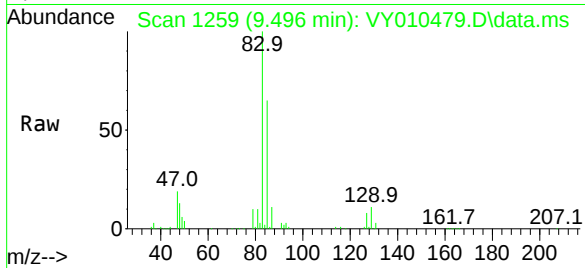




#47  
Bromodichloromethane  
Concen: 21.274 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

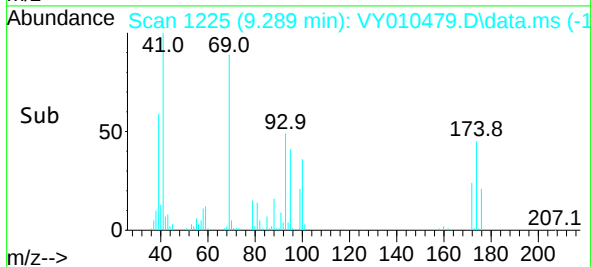
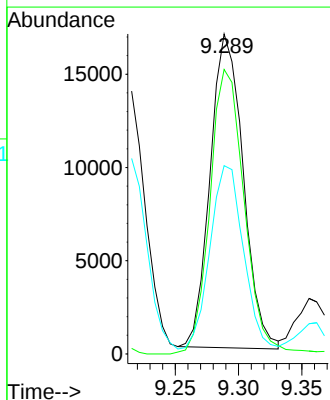
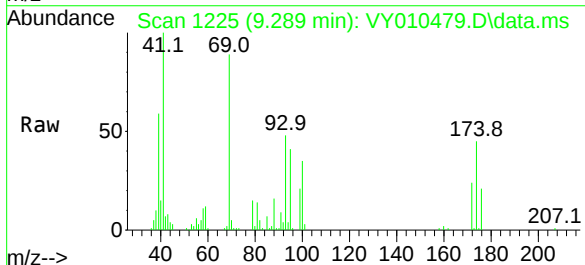
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

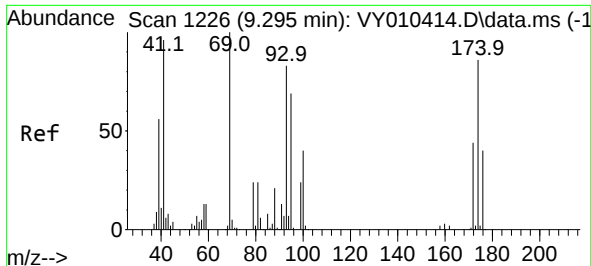
Tgt Ion: 83 Resp: 71541  
Ion Ratio Lower Upper  
83 100  
85 64.8 51.9 77.9  
127 8.3 6.6 10.0



#48  
Methyl methacrylate  
Concen: 21.114 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 41 Resp: 30507  
Ion Ratio Lower Upper  
41 100  
69 95.0 58.2 87.2#  
39 61.8 47.4 71.0





#49

1,4-Dioxane

Concen: 408.351 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

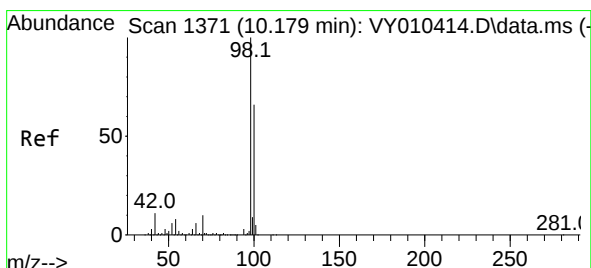
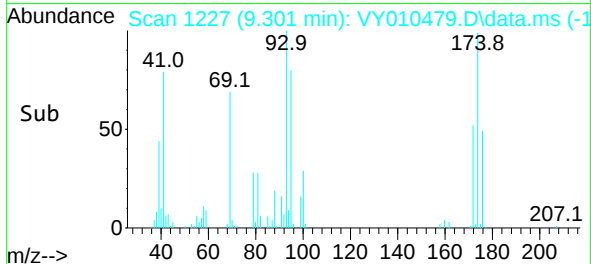
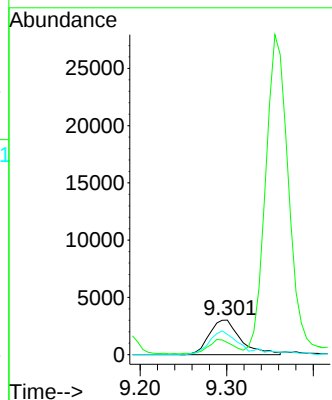
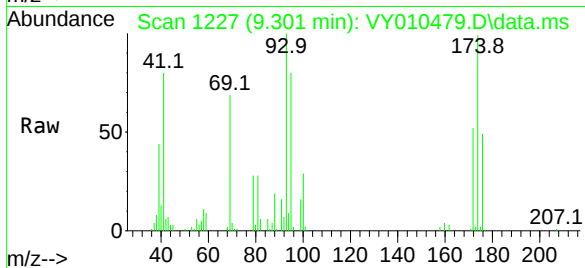
Tgt Ion: 88 Resp: 7653

Ion Ratio Lower Upper

88 100

43 32.6 32.8 49.2#

58 71.8 59.8 89.6



#50

Toluene-d8

Concen: 50.347 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010479.D

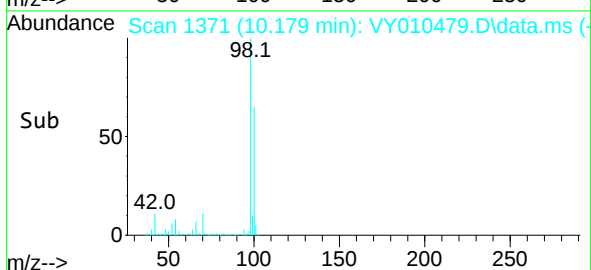
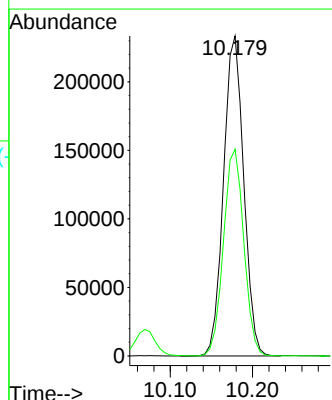
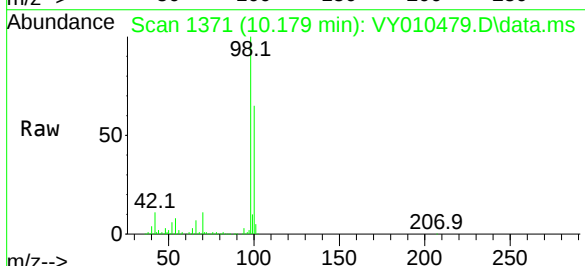
Acq: 14 Sep 2022 12:51

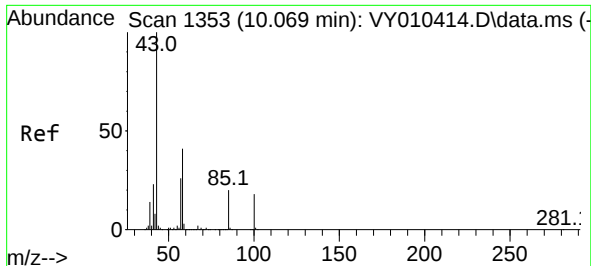
Tgt Ion: 98 Resp: 398568

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2

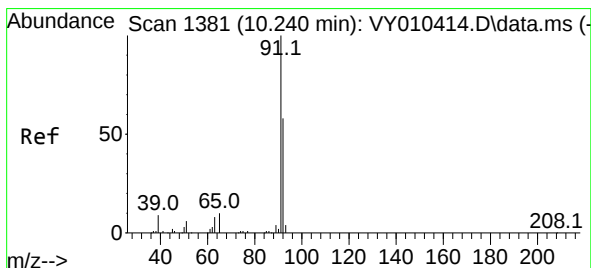
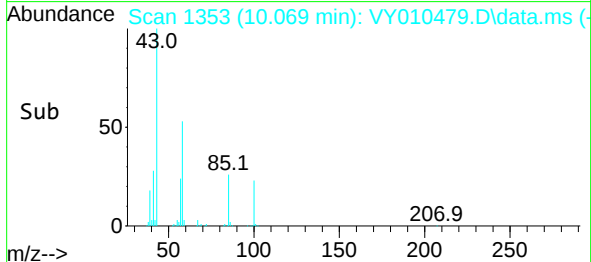
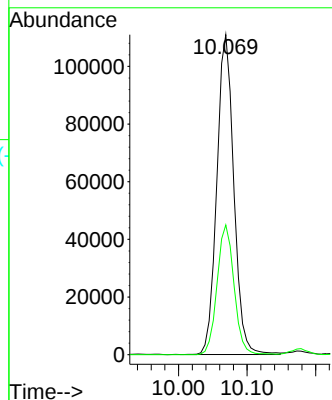
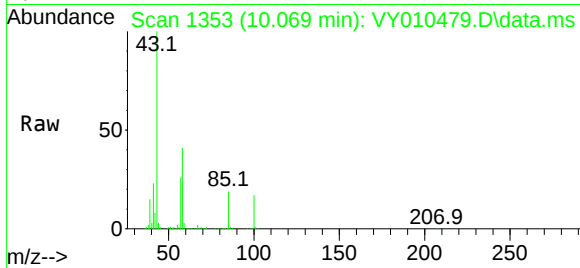




#51  
4-Methyl-2-Pentanone  
Concen: 108.005 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

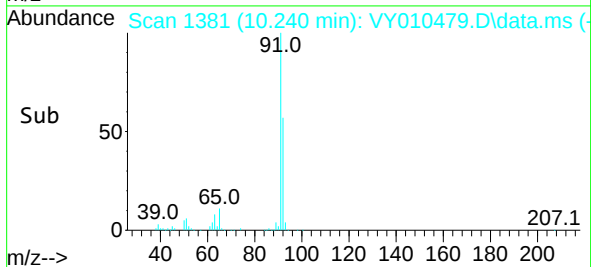
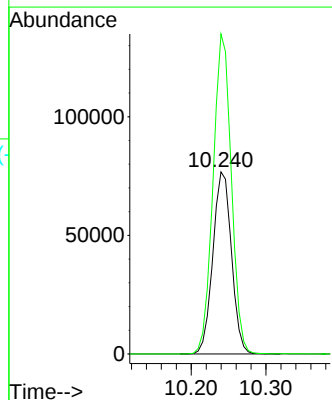
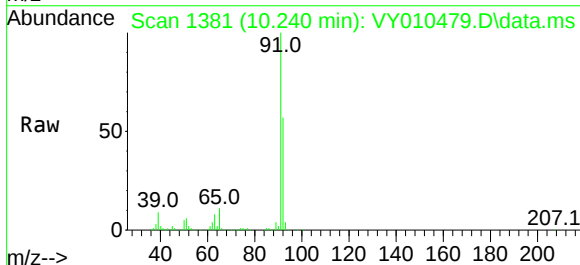
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

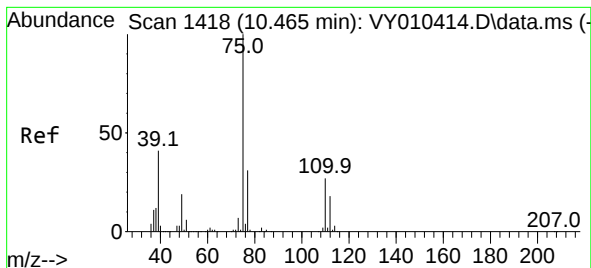
Tgt Ion: 43 Resp: 190586  
Ion Ratio Lower Upper  
43 100  
58 40.5 28.1 42.1



#52  
Toluene  
Concen: 21.080 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 92 Resp: 132789  
Ion Ratio Lower Upper  
92 100  
91 172.4 142.6 213.8

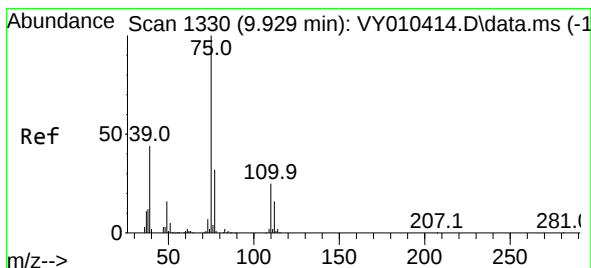
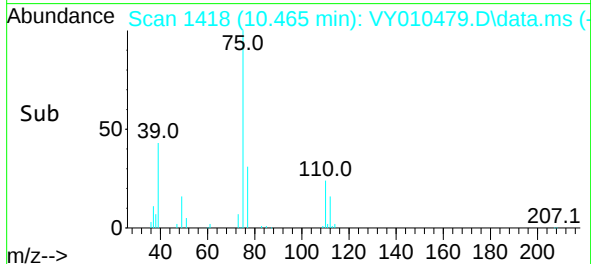
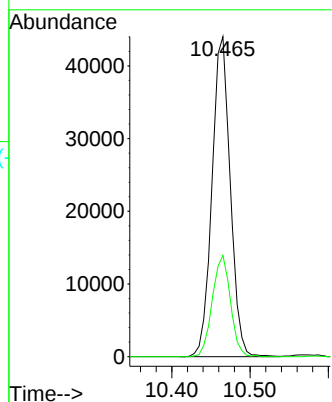
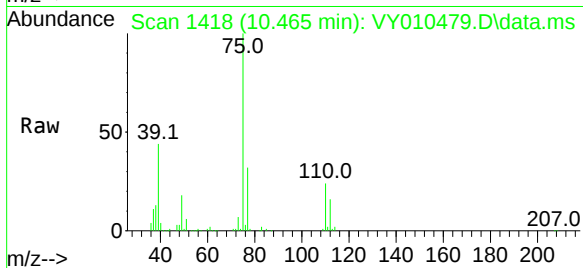




#53  
t-1,3-Dichloropropene  
Concen: 20.602 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

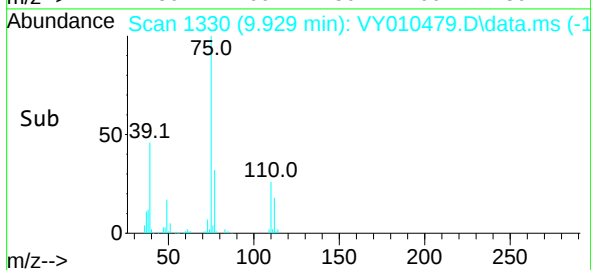
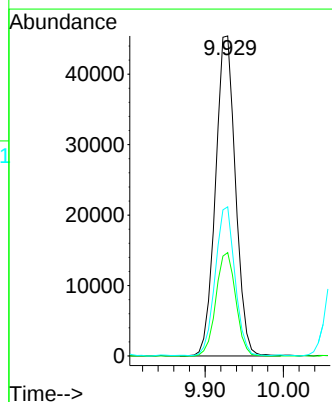
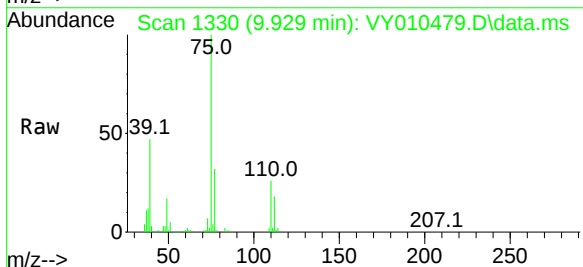
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

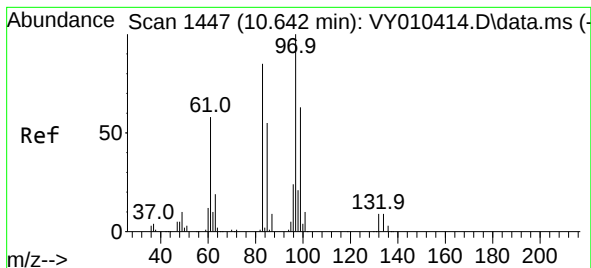
Tgt Ion: 75 Resp: 71299  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 20.667 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 75 Resp: 80671  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.6 38.4  
39 46.4 47.6 71.4#

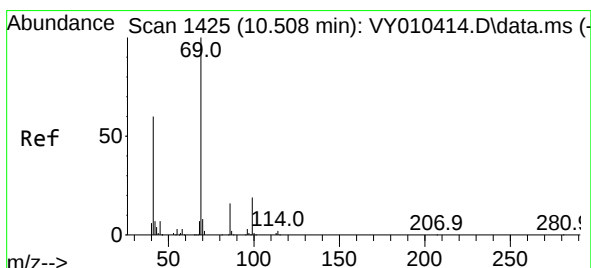
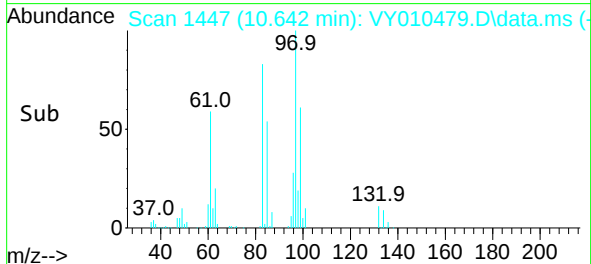
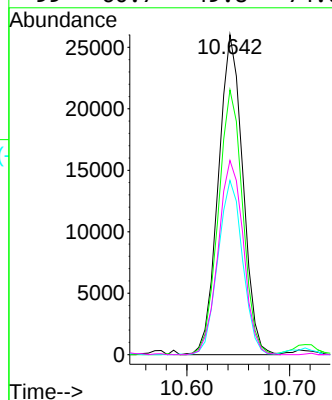
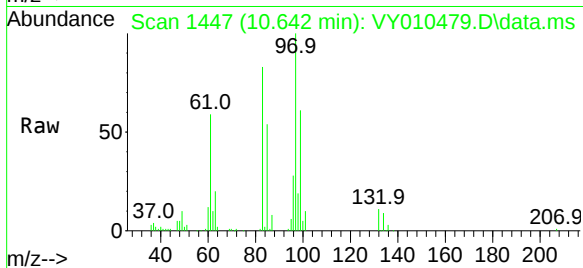




#55  
1,1,2-Trichloroethane  
Concen: 21.409 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

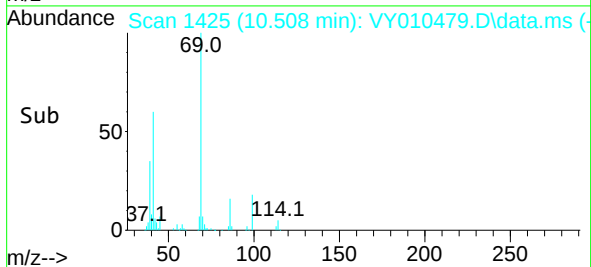
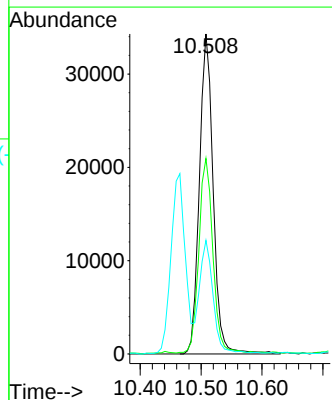
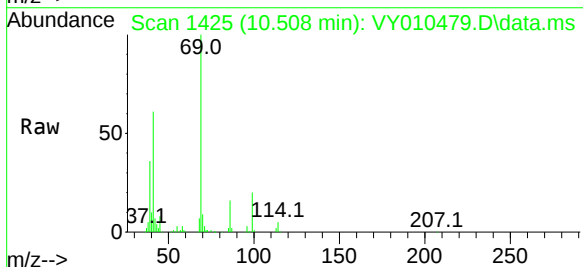
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

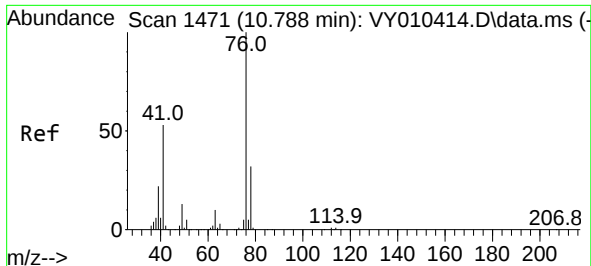
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 43115 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.7  | 69.8  | 104.8 |
| 85       | 54.2  | 44.3  | 66.5  |
| 99       | 60.7  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 20.411 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 53984 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.4  | 63.4  | 95.0# |
| 39       | 35.7  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 21.375 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

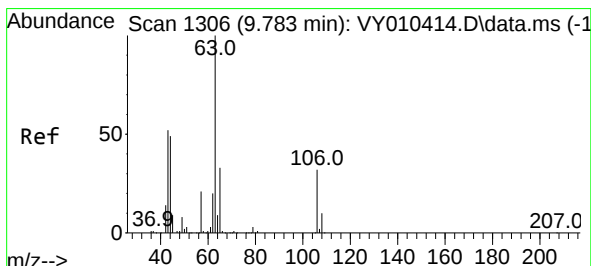
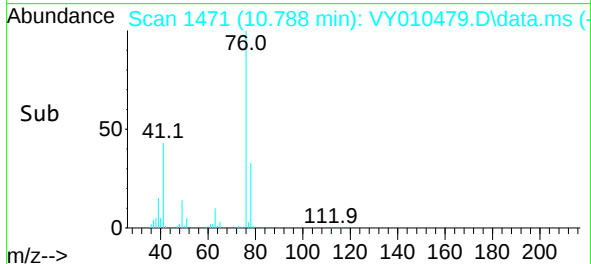
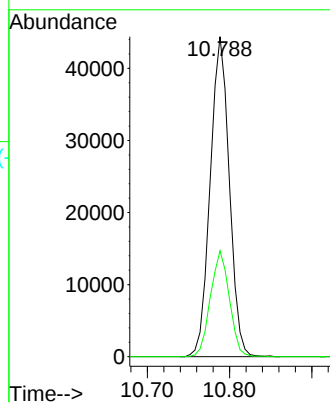
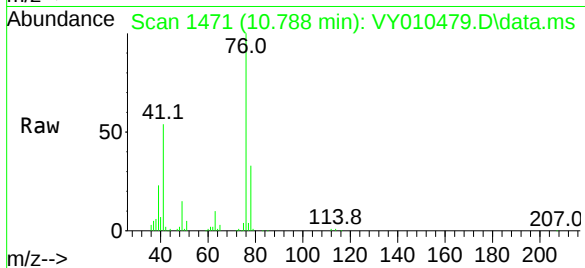
VY0914SBS02

Tgt Ion: 76 Resp: 71579

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 140.756 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010479.D

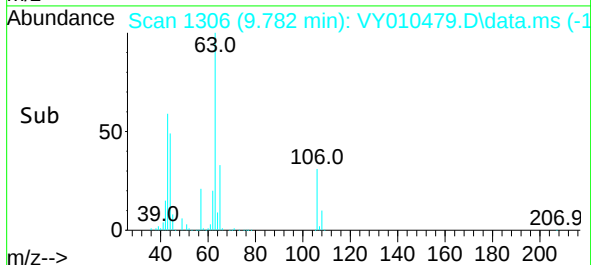
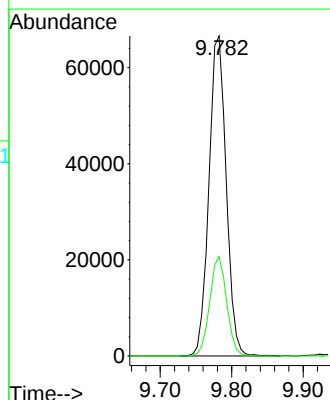
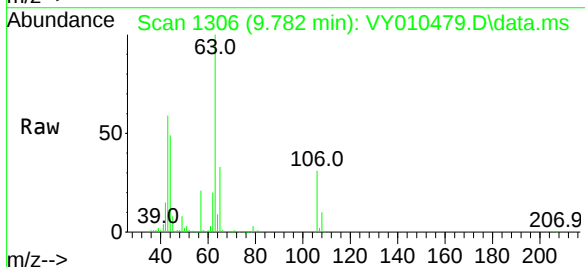
Acq: 14 Sep 2022 12:51

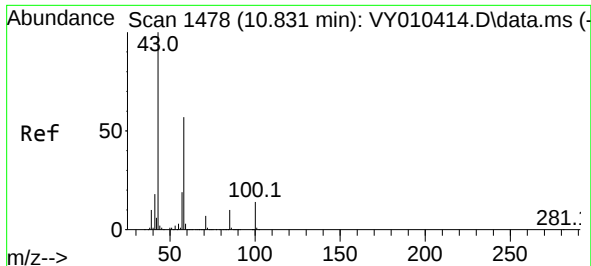
Tgt Ion: 63 Resp: 111534

Ion Ratio Lower Upper

63 100

106 30.5 21.5 32.3

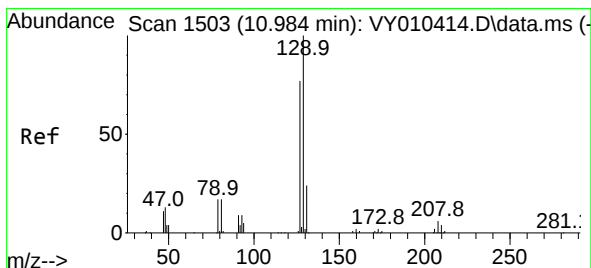
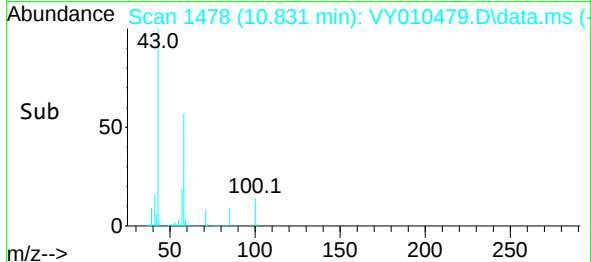
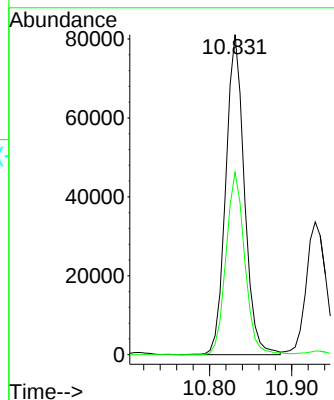
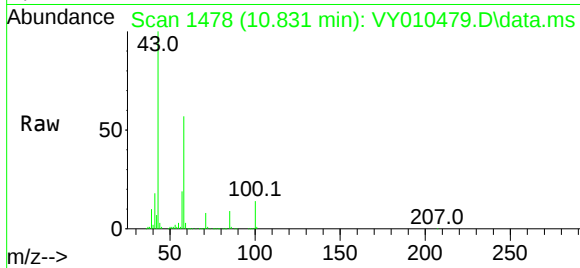




#59  
2-Hexanone  
Concen: 106.054 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

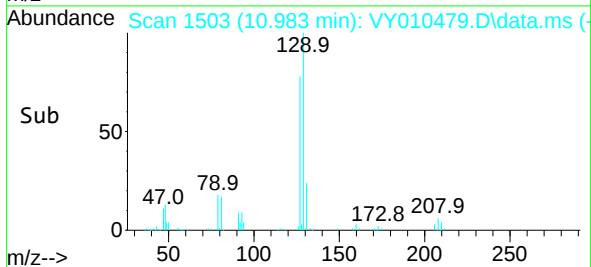
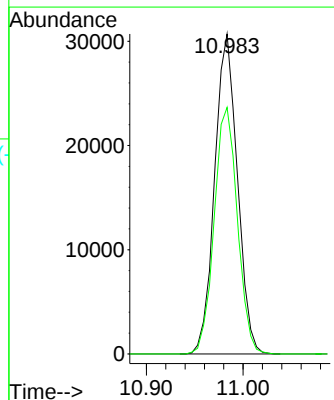
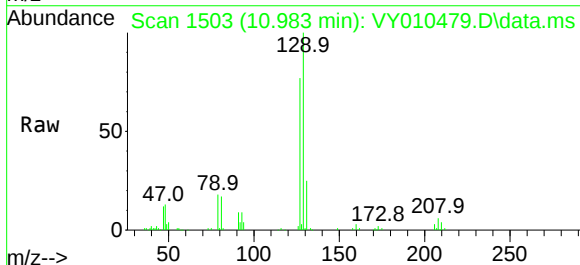
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

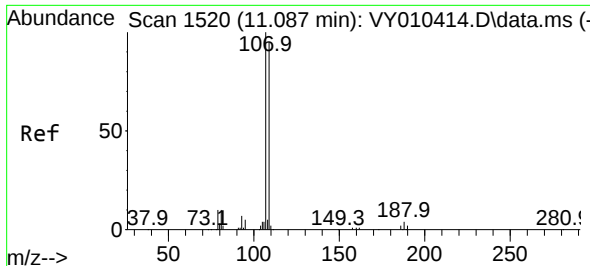
Tgt Ion: 43 Resp: 127567  
Ion Ratio Lower Upper  
43 100  
58 57.5 24.4 73.4



#60  
Dibromochloromethane  
Concen: 20.348 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 129 Resp: 50078  
Ion Ratio Lower Upper  
129 100  
127 78.7 38.7 116.1

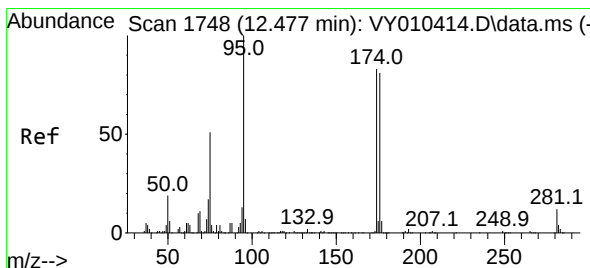
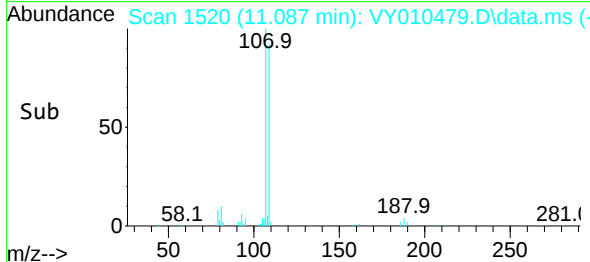
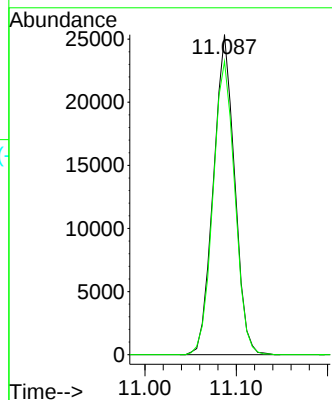
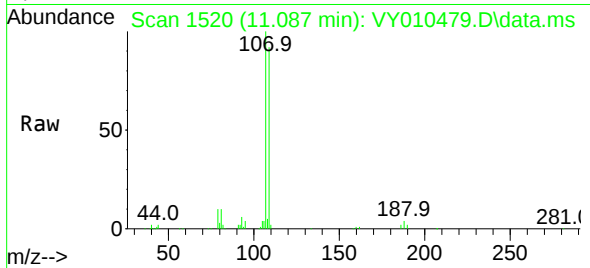




#61  
1,2-Dibromoethane  
Concen: 20.851 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

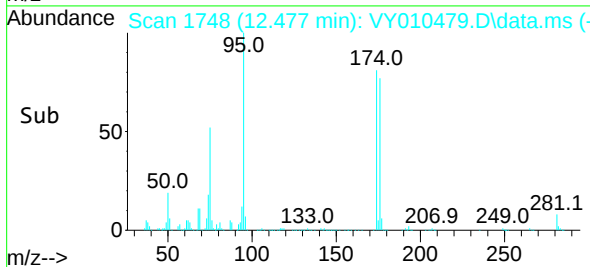
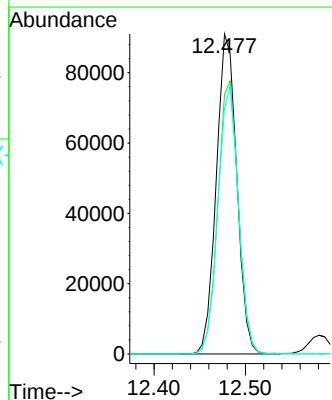
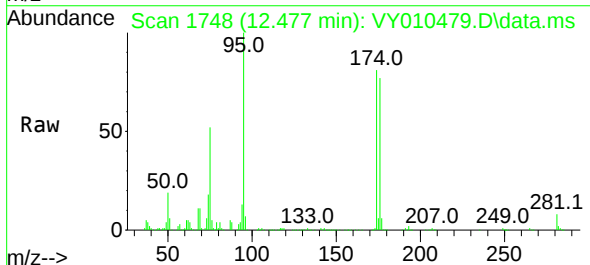
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

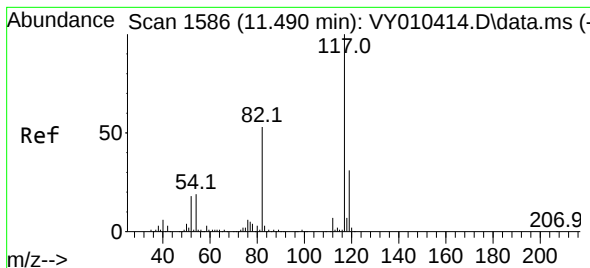
Tgt Ion:107 Resp: 40764  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 44.373 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 95 Resp: 141410  
Ion Ratio Lower Upper  
95 100  
174 85.8 0.0 177.0  
176 83.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

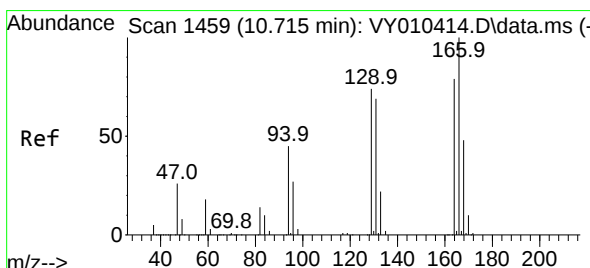
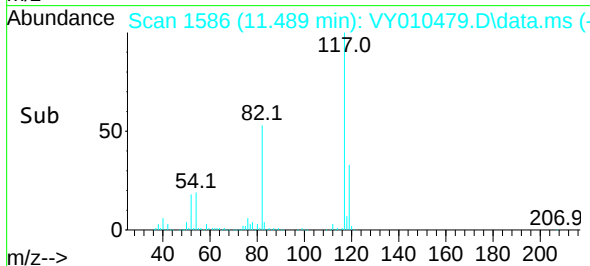
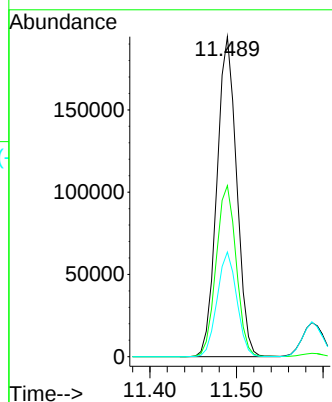
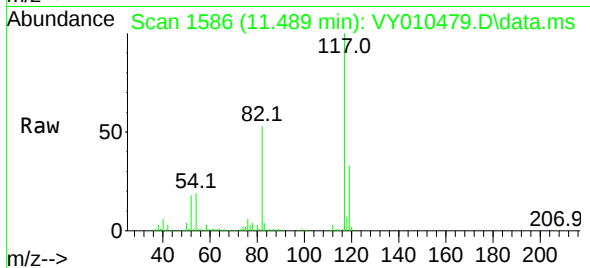
Tgt Ion:117 Resp: 308265

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 32.7 25.4 38.0



#64

Tetrachloroethene

Concen: 20.400 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Tgt Ion:164 Resp: 56683

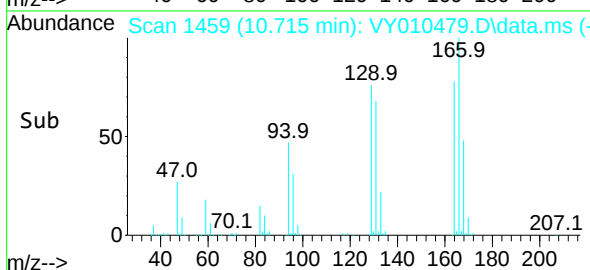
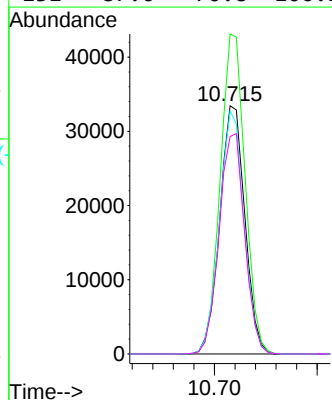
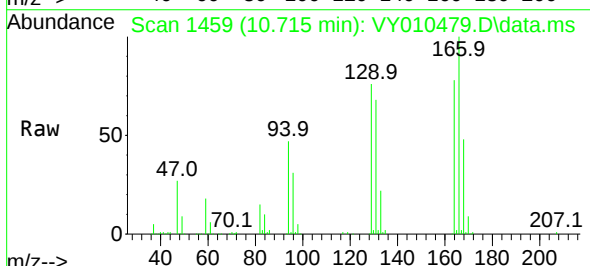
Ion Ratio Lower Upper

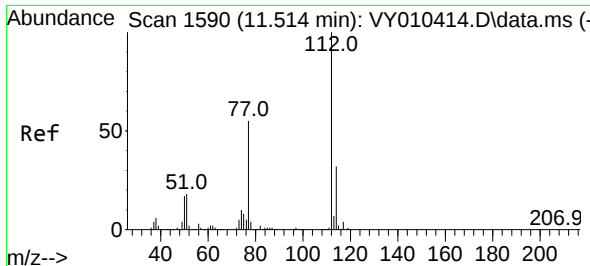
164 100

166 128.9 100.4 150.6

129 97.9 71.4 107.0

131 87.6 70.8 106.2

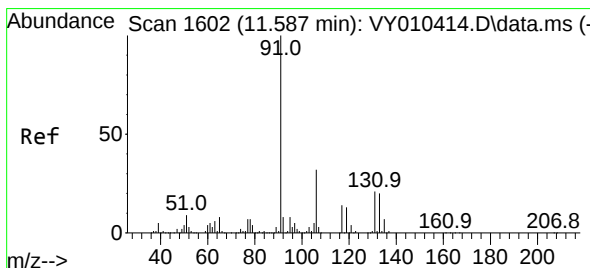
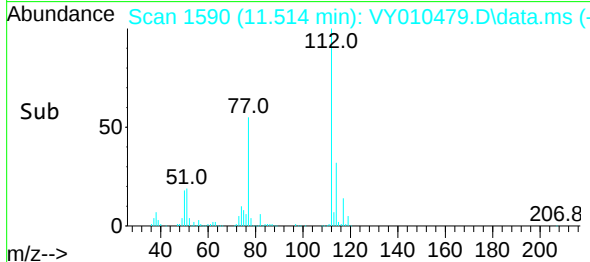
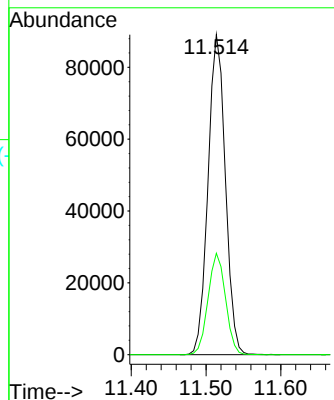
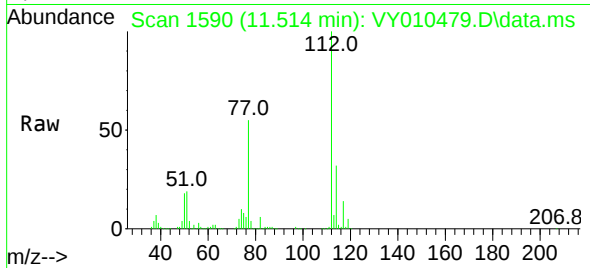




#65  
Chlorobenzene  
Concen: 20.846 ug/l  
RT: 11.514 min Scan# 11590  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

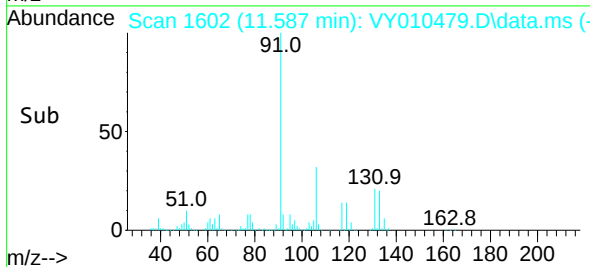
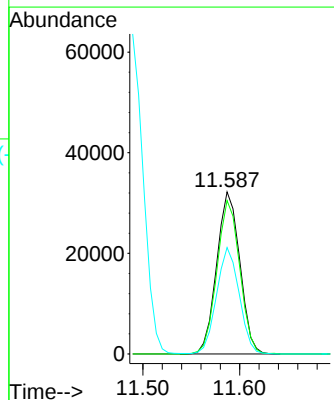
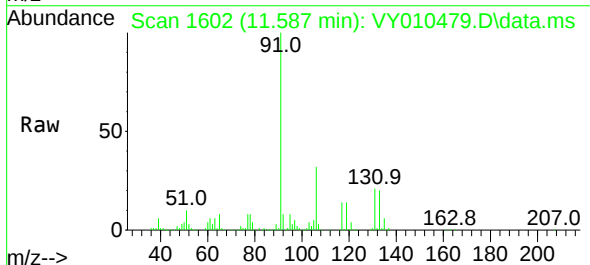
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

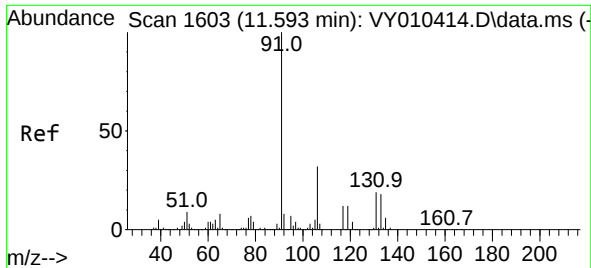
Tgt Ion:112 Resp: 143706  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.952 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion:131 Resp: 53497  
Ion Ratio Lower Upper  
131 100  
133 93.4 47.9 143.6  
119 64.3 30.8 92.3

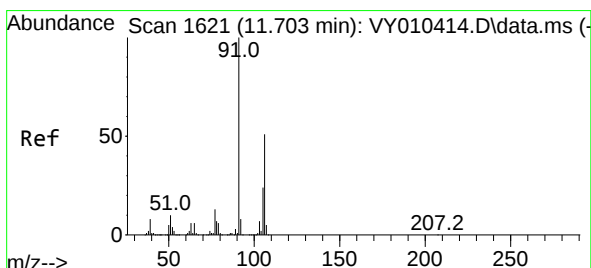
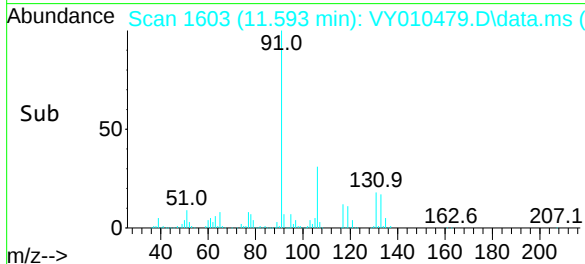
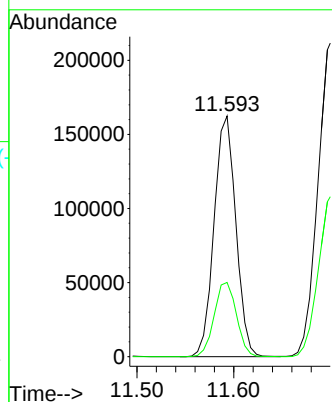
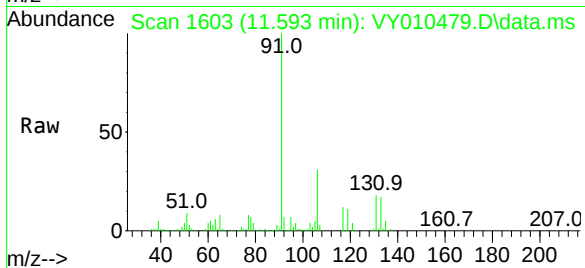




#67  
Ethyl Benzene  
Concen: 20.803 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

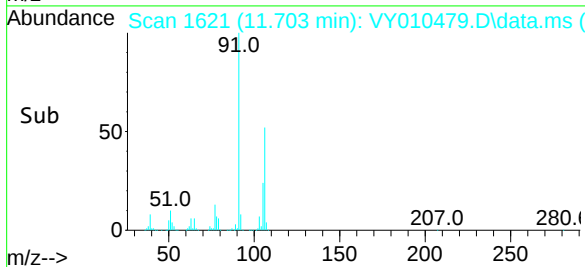
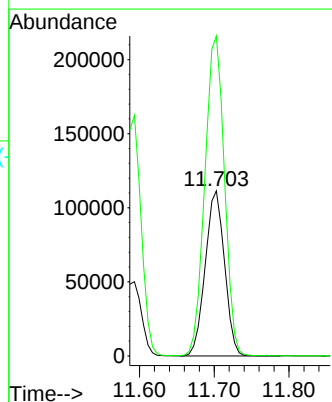
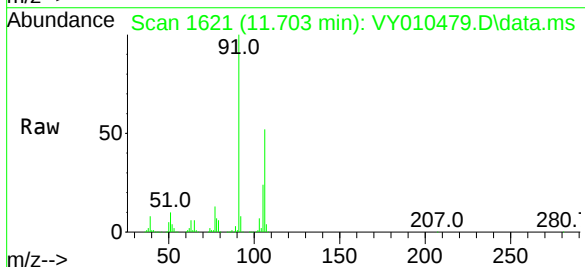
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

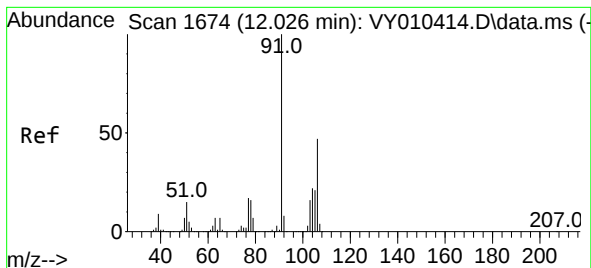
Tgt Ion: 91 Resp: 253823  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.5 36.7



#68  
m/p-Xylenes  
Concen: 41.662 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 106 Resp: 199562  
Ion Ratio Lower Upper  
106 100  
91 196.5 166.6 249.8

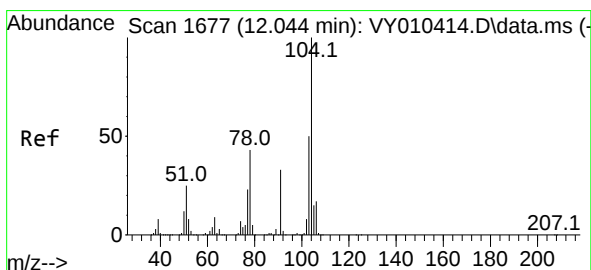
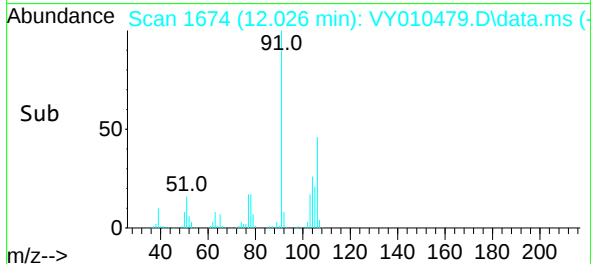
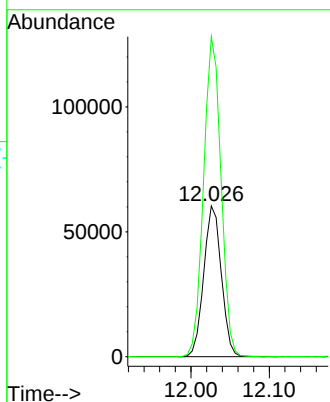
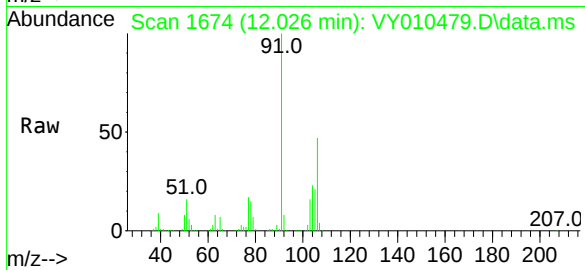




#69  
o-Xylene  
Concen: 20.540 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

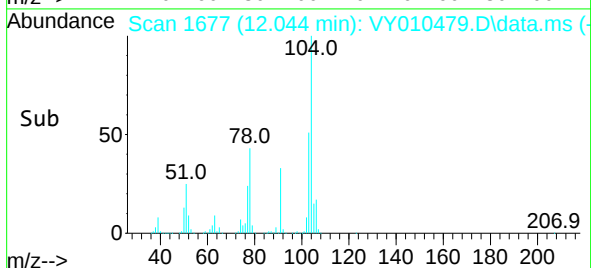
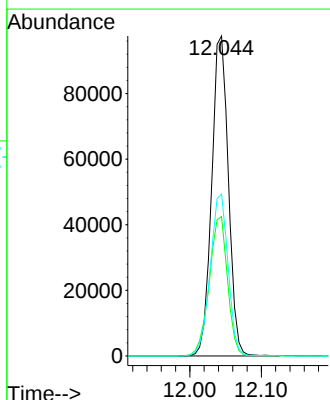
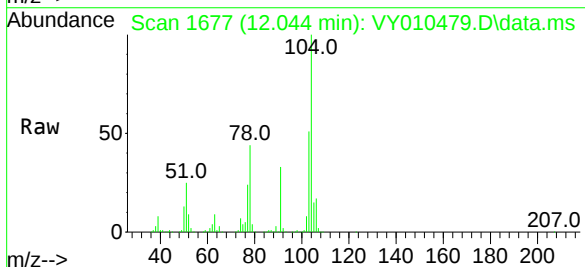
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

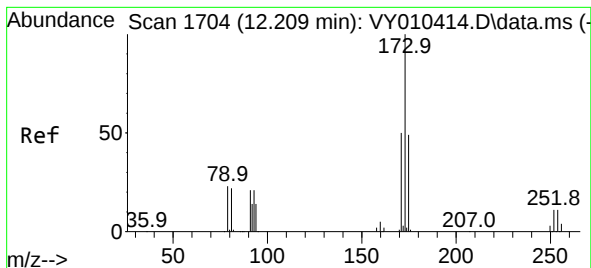
Tgt Ion:106 Resp: 93947  
Ion Ratio Lower Upper  
106 100  
91 210.3 110.3 331.0



#70  
Styrene  
Concen: 20.442 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion:104 Resp: 158243  
Ion Ratio Lower Upper  
104 100  
78 47.7 42.4 63.6  
103 54.3 44.4 66.6





#71

Bromoform

Concen: 19.937 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

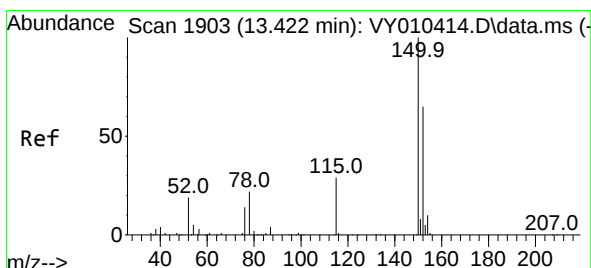
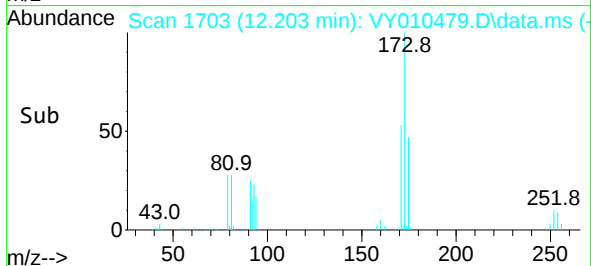
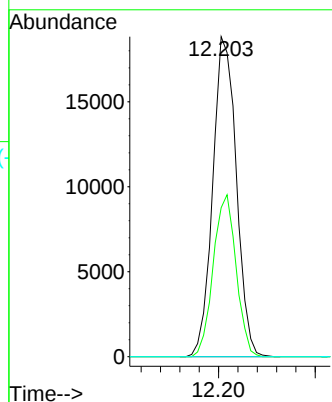
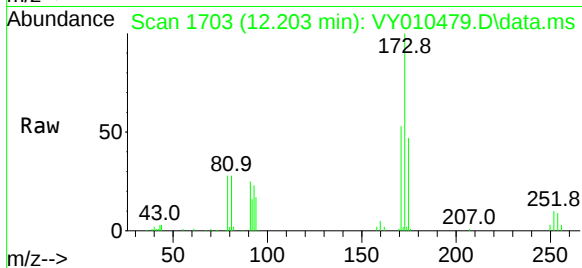
Tgt Ion:173 Resp: 31826

Ion Ratio Lower Upper

173 100

175 49.0 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

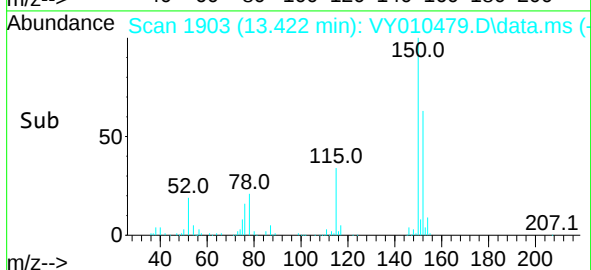
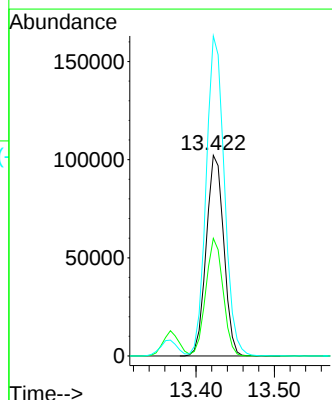
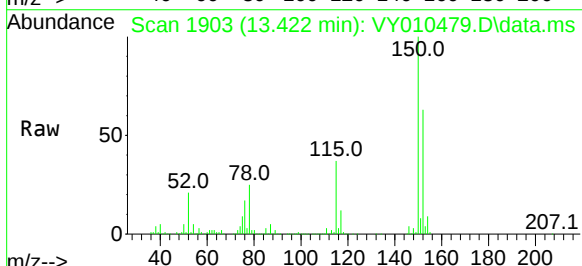
Tgt Ion:152 Resp: 158800

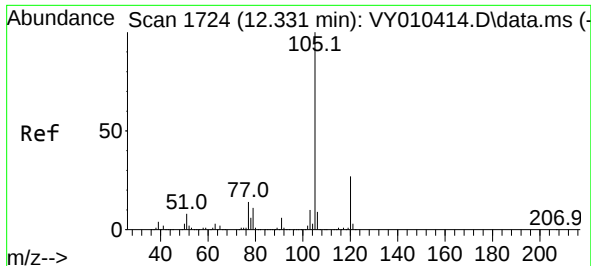
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 165.3 0.0 347.6

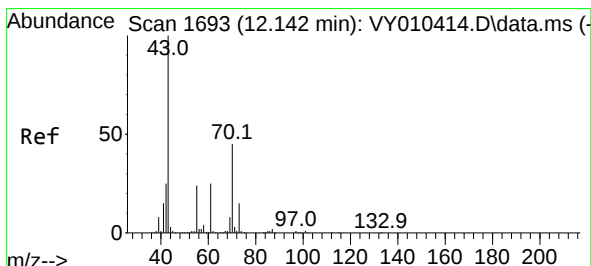
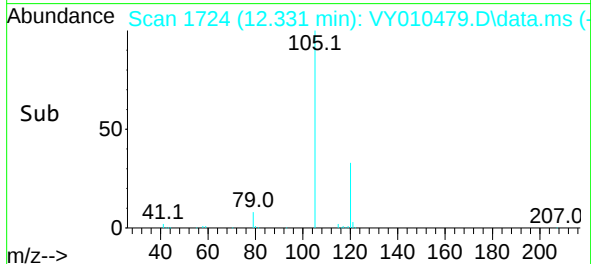
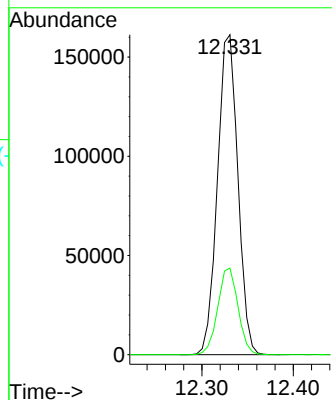
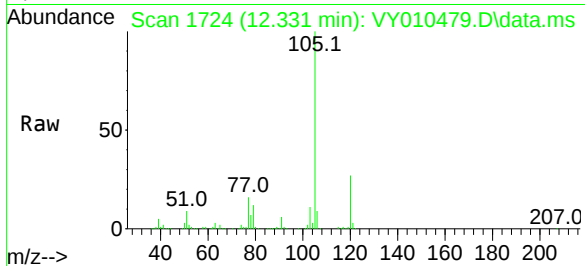




#73  
Isopropylbenzene  
Concen: 20.242 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

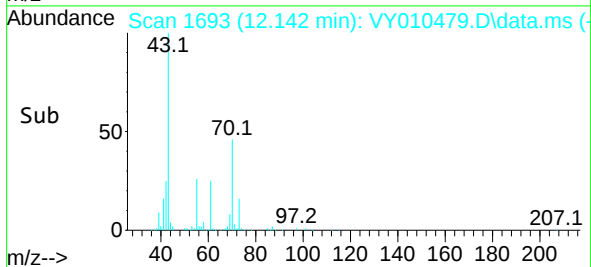
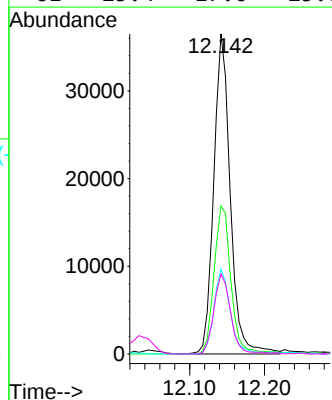
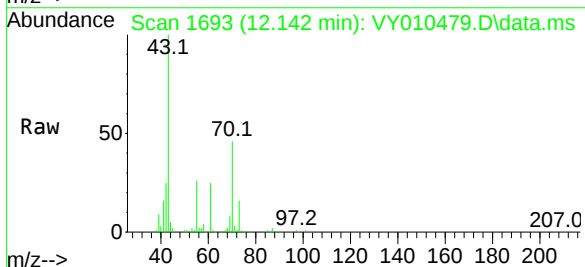
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

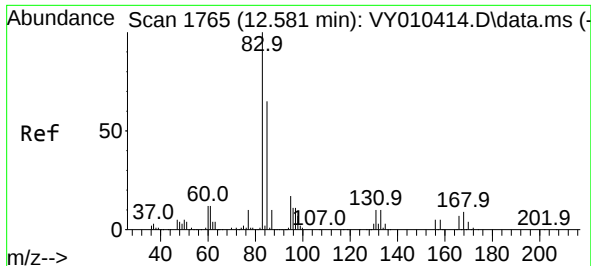
Tgt Ion:105 Resp: 250797  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.4 40.2



#74  
N-ethyl acetate  
Concen: 19.386 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 43 Resp: 56042  
Ion Ratio Lower Upper  
43 100  
70 47.6 28.7 43.1#  
55 26.9 17.3 25.9#  
61 25.4 17.0 25.6

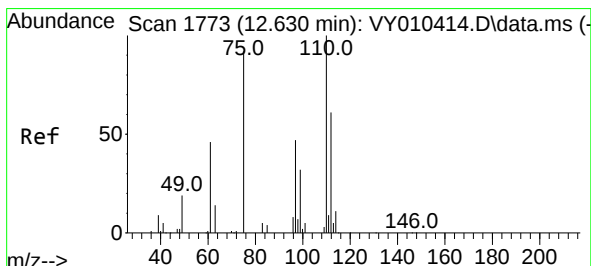
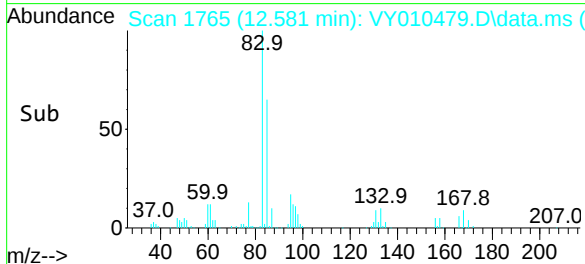
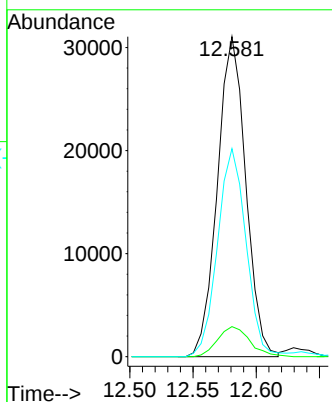
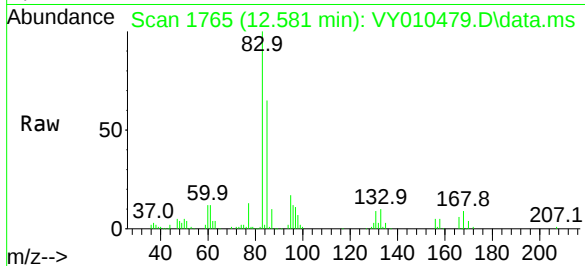




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.894 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY010479.D  
 Acq: 14 Sep 2022 12:51

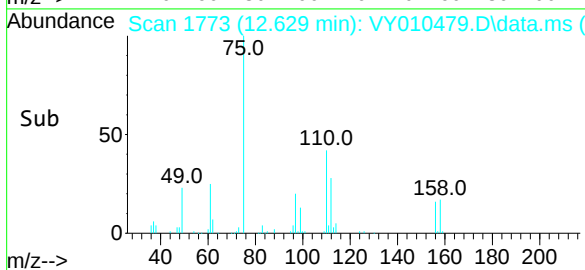
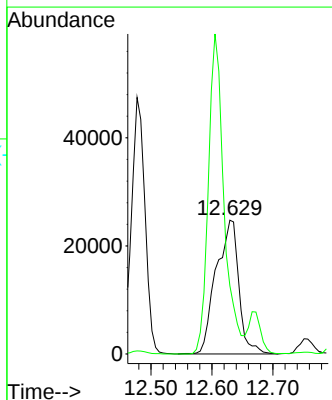
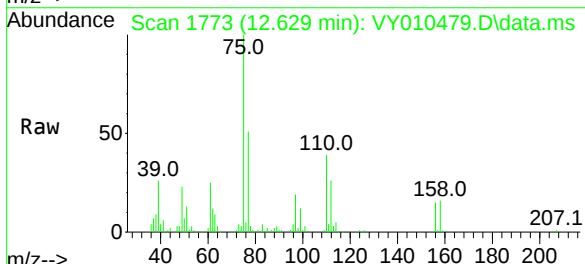
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0914SBS02

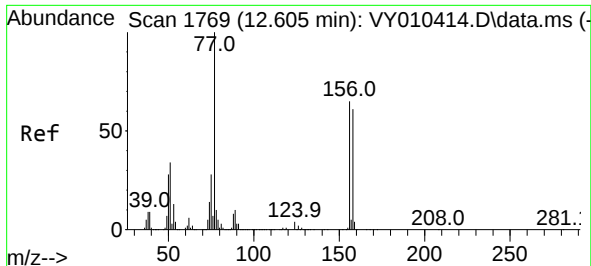
Tgt Ion: 83 Resp: 48428  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.6 16.8  
 85 65.3 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 36.614 ug/l  
 RT: 12.629 min Scan# 1773  
 Delta R.T. -0.001 min  
 Lab File: VY010479.D  
 Acq: 14 Sep 2022 12:51

Tgt Ion: 75 Resp: 64171  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

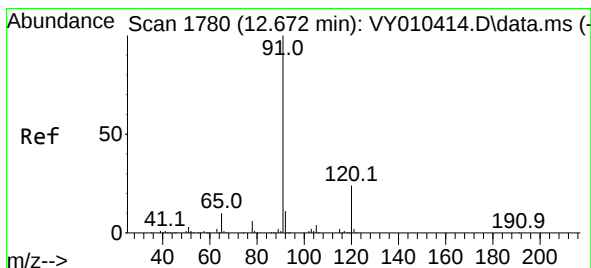
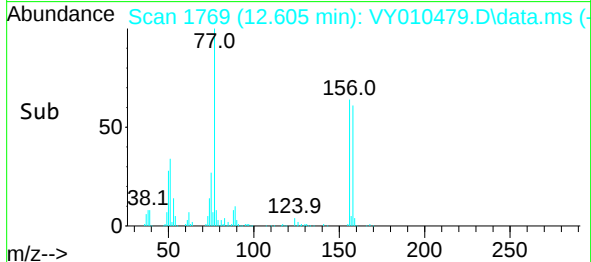
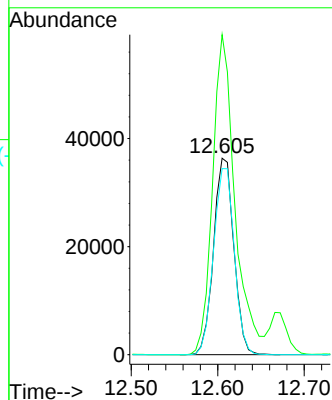
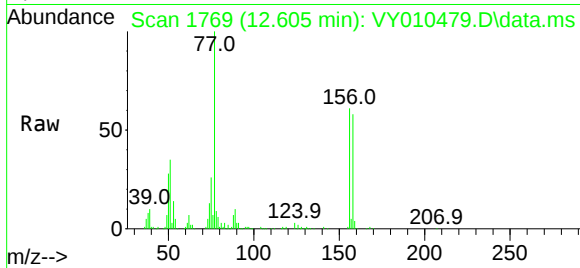




#77  
Bromobenzene  
Concen: 20.142 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

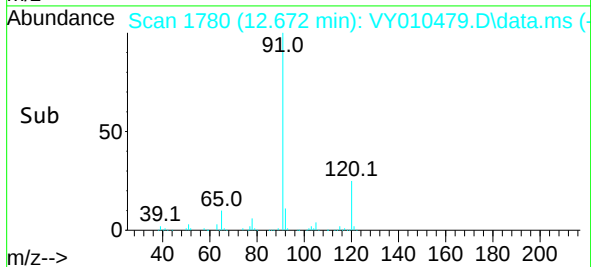
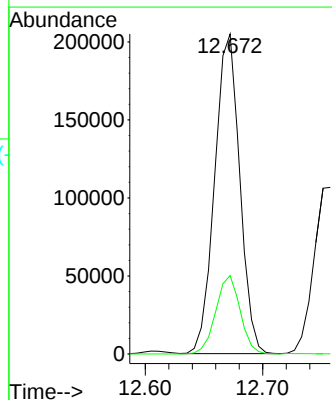
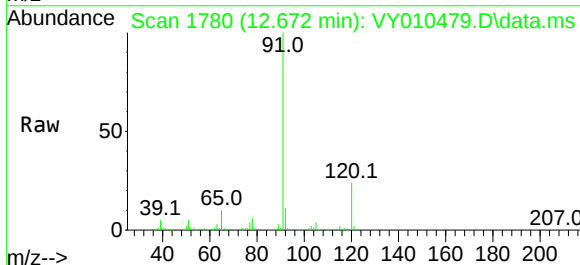
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

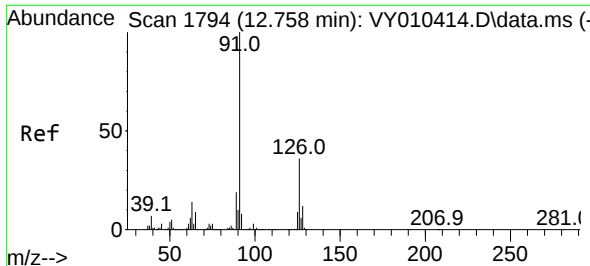
Tgt Ion:156 Resp: 59136  
Ion Ratio Lower Upper  
156 100  
77 179.7 95.5 286.4  
158 97.0 48.0 144.0



#78  
n-propylbenzene  
Concen: 20.663 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 91 Resp: 303165  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.3 33.9

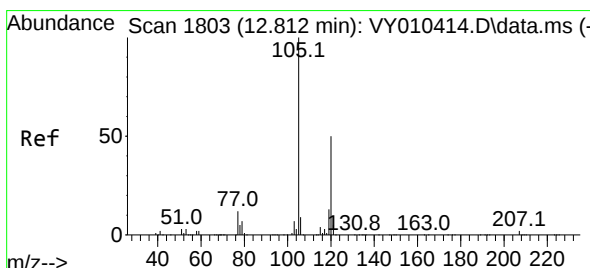
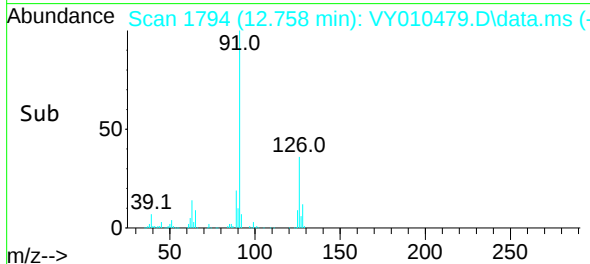
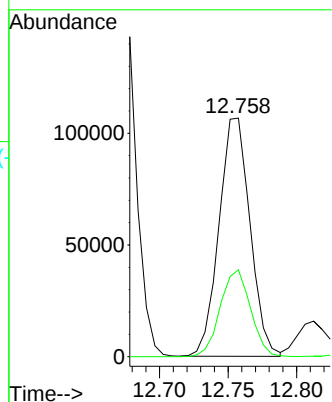
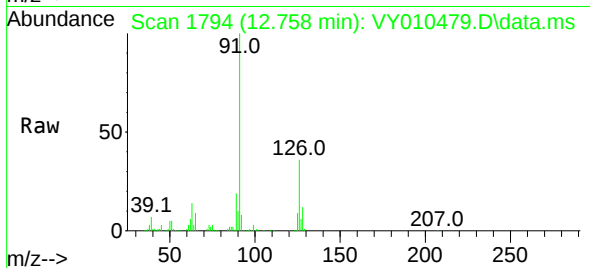




#79  
2-Chlorotoluene  
Concen: 20.426 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

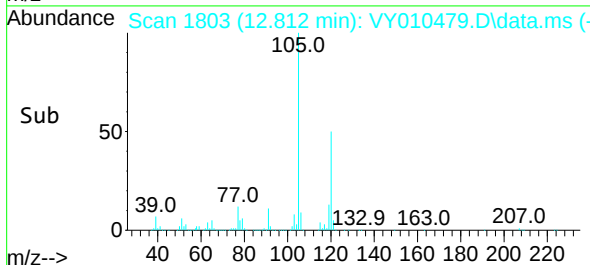
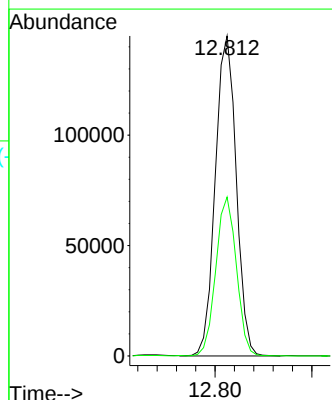
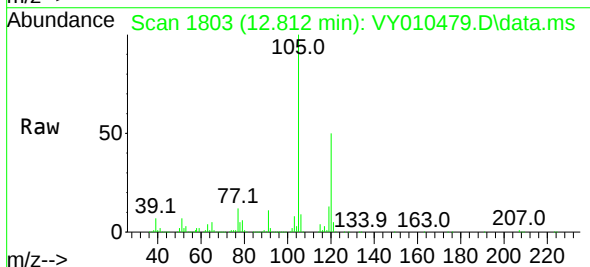
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

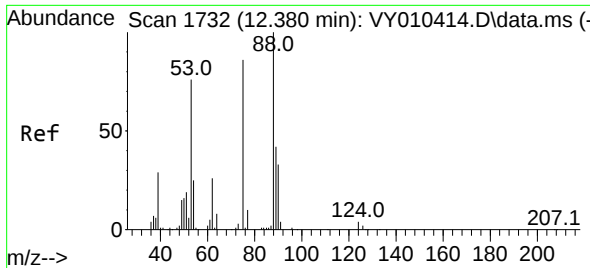
Tgt Ion: 91 Resp: 168344  
Ion Ratio Lower Upper  
91 100  
126 35.6 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 20.788 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 105 Resp: 217320  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.4 73.4

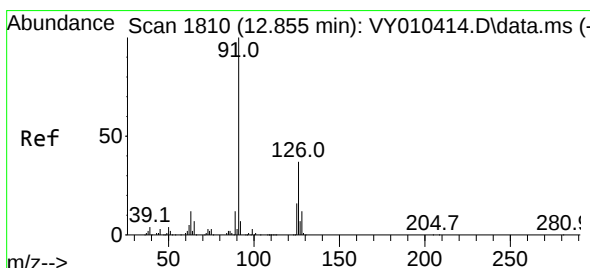
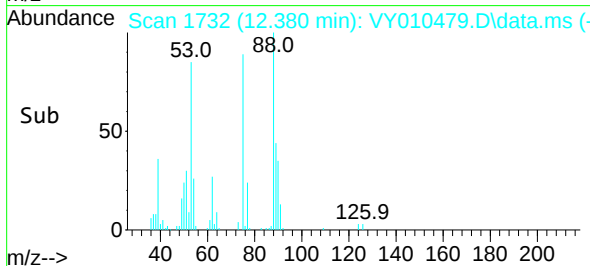
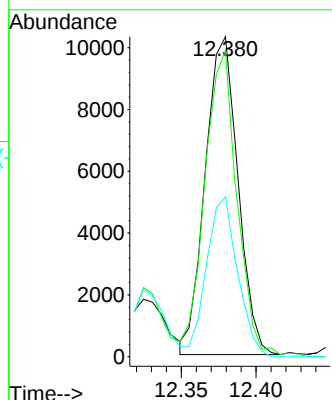
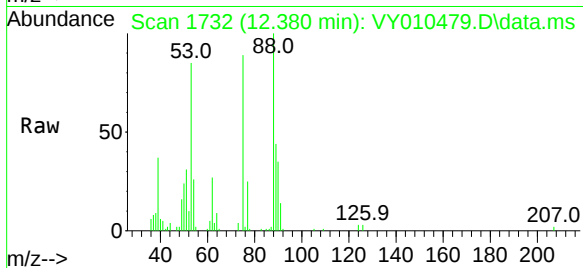




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.839 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

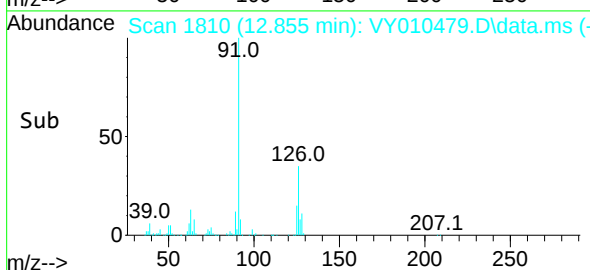
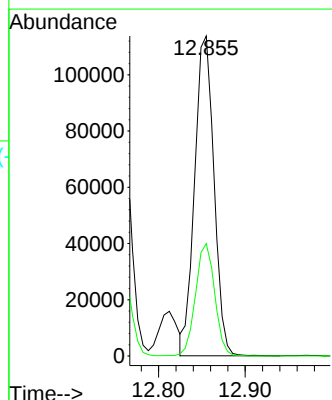
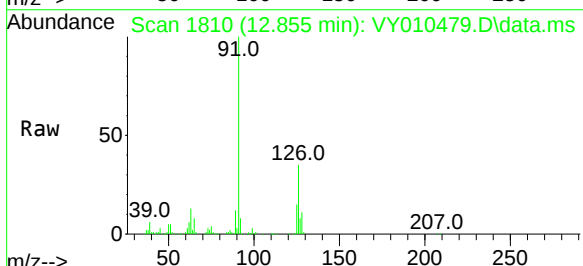
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

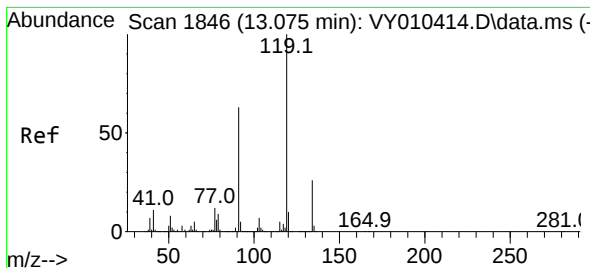
Tgt Ion: 75 Resp: 15660  
Ion Ratio Lower Upper  
75 100  
53 94.8 85.3 127.9  
89 47.2 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 20.533 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 91 Resp: 176048  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.432 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

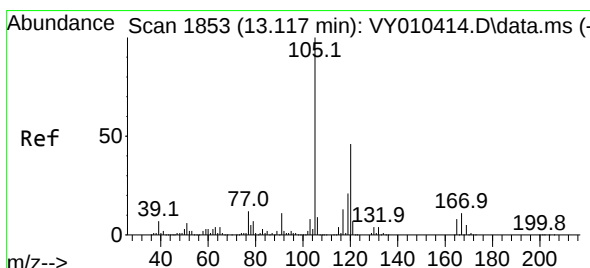
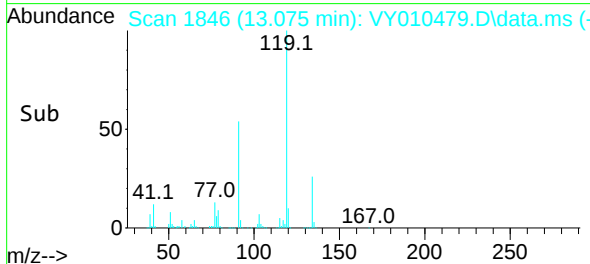
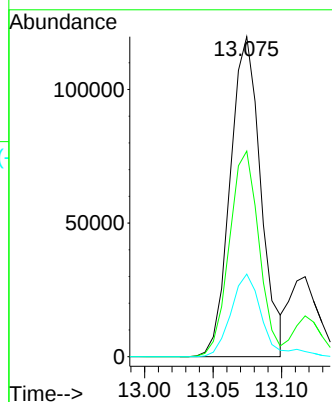
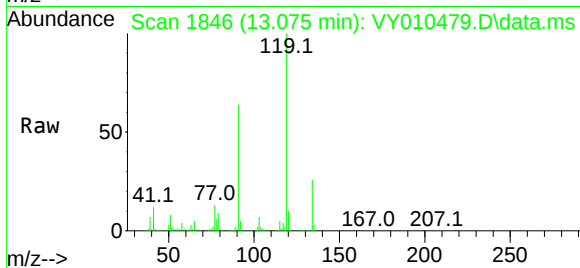
Tgt Ion:119 Resp: 186696

Ion Ratio Lower Upper

119 100

91 62.3 34.8 104.4

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.981 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010479.D

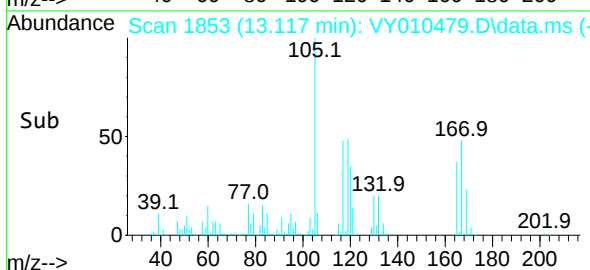
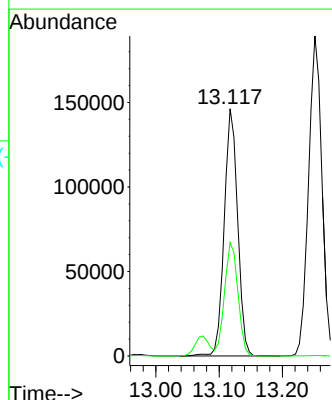
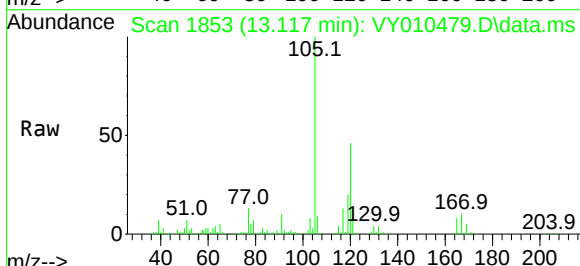
Acq: 14 Sep 2022 12:51

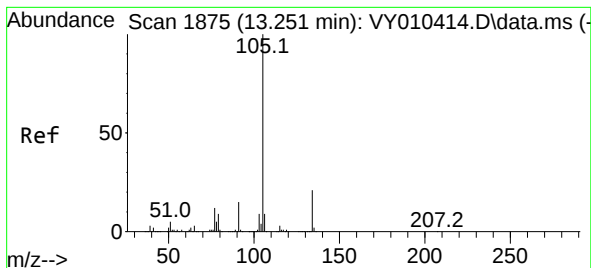
Tgt Ion:105 Resp: 214613

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.466 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

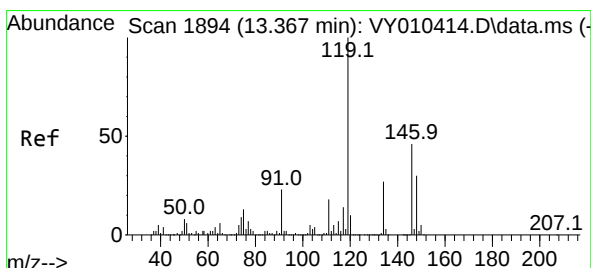
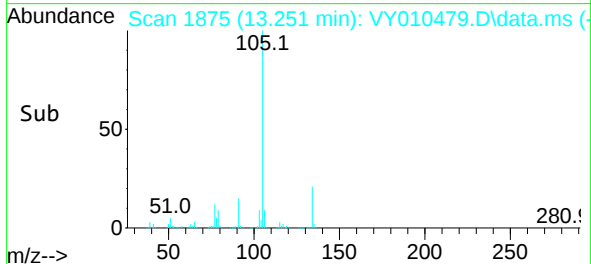
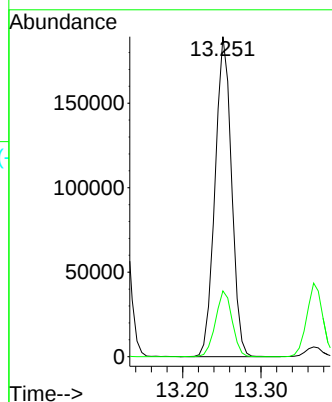
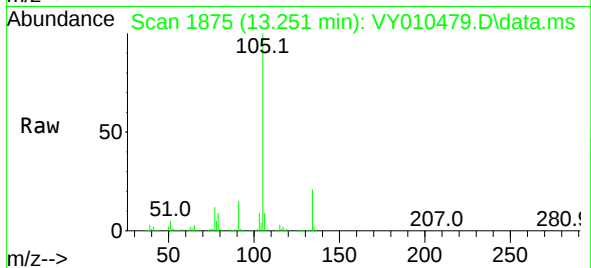
VY0914SBS02

Tgt Ion:105 Resp: 276900

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.203 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

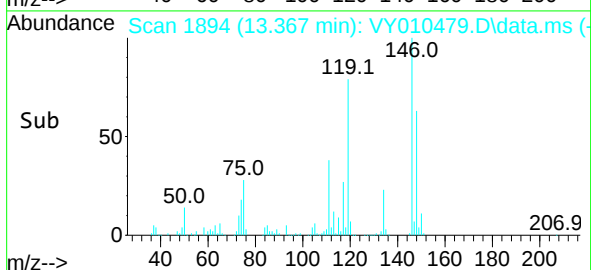
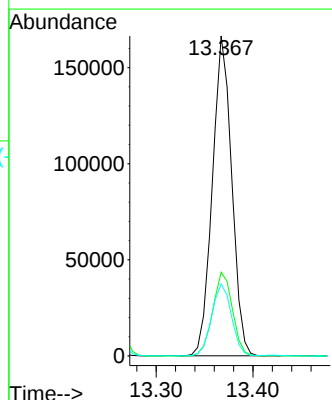
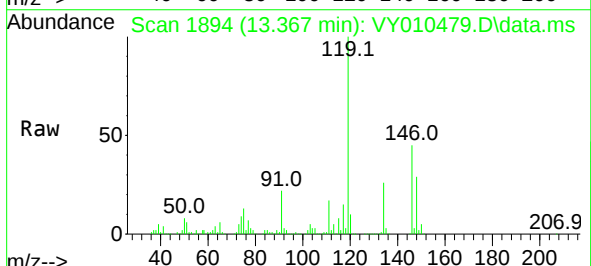
Tgt Ion:119 Resp: 231215

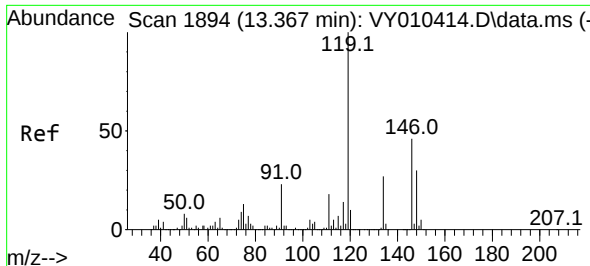
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.9 12.4 37.2

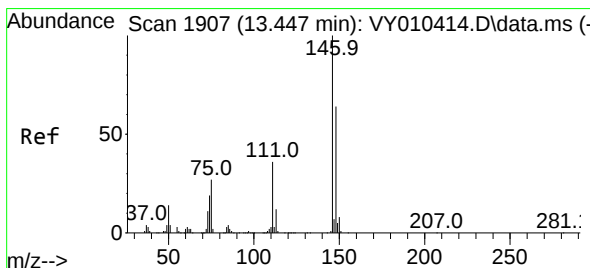
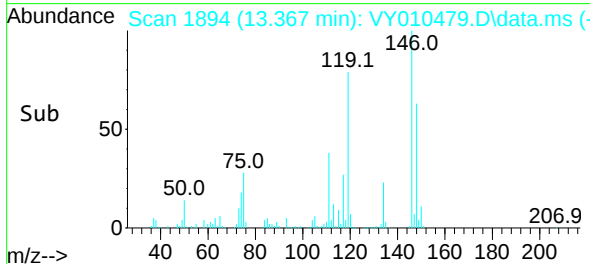
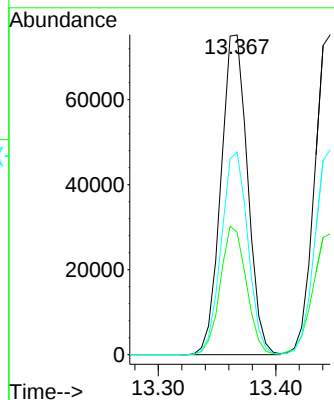
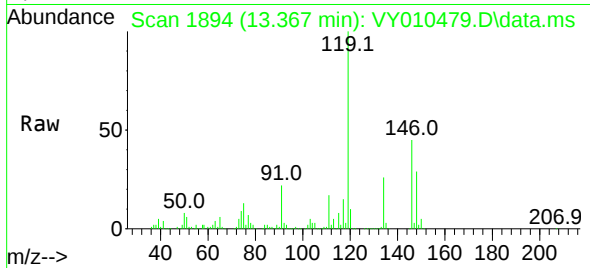




#87  
1,3-Dichlorobenzene  
Concen: 20.138 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

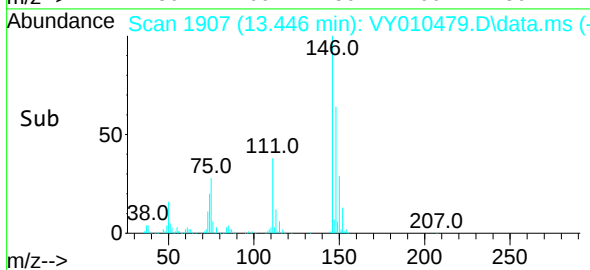
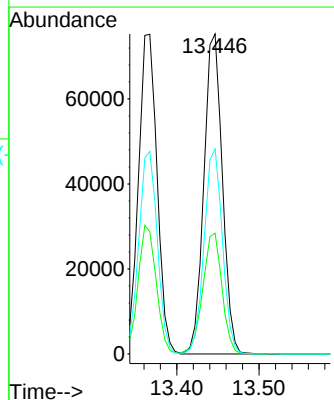
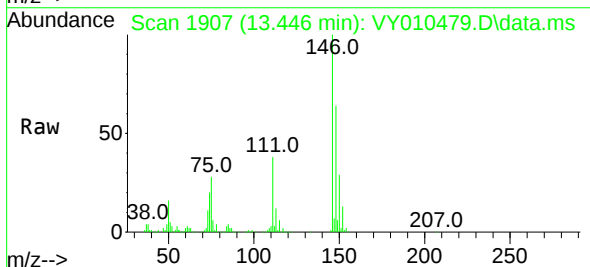
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

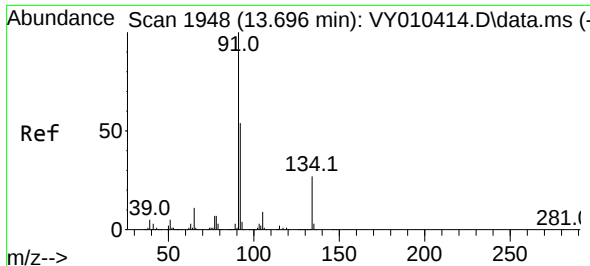
Tgt Ion:146 Resp: 118722  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.5 58.5  
148 63.1 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.144 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.001 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion:146 Resp: 117600  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.3 57.8  
148 63.7 32.6 97.8

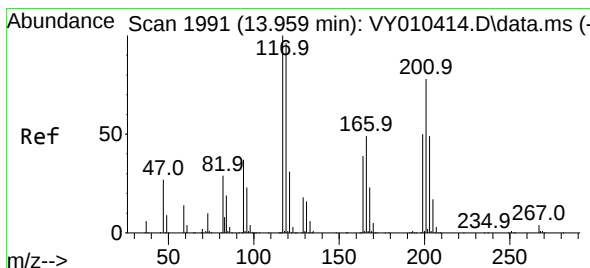
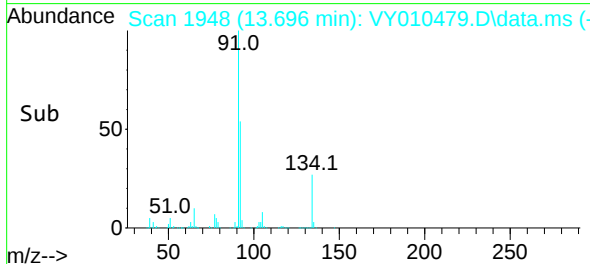
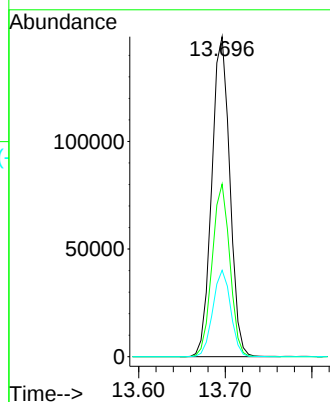
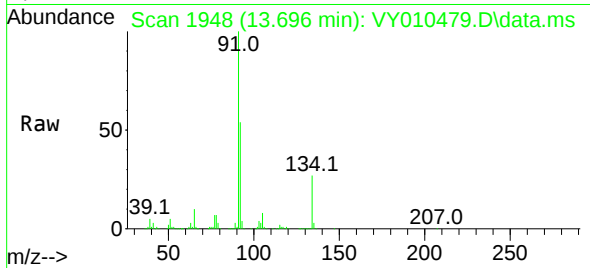




#89  
n-Butylbenzene  
Concen: 20.747 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

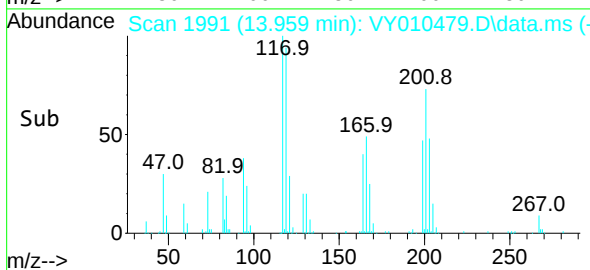
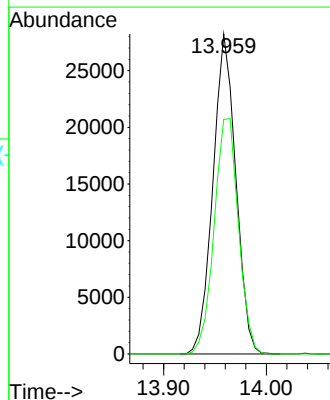
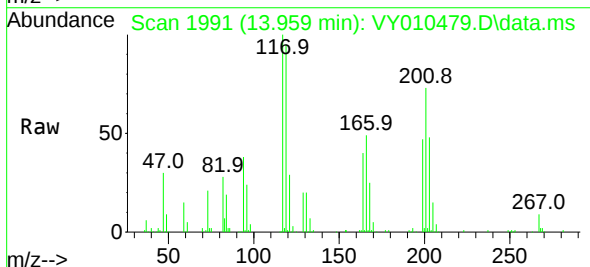
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

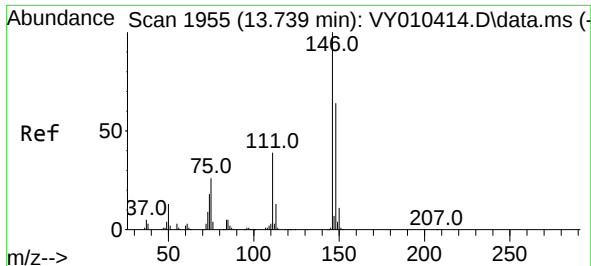
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 215529 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.9  | 26.3  | 78.9   |
| 134      | 26.7  | 13.0  | 38.9   |



#90  
Hexachloroethane  
Concen: 20.295 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 43609 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 78.2  | 43.0  | 128.8 |

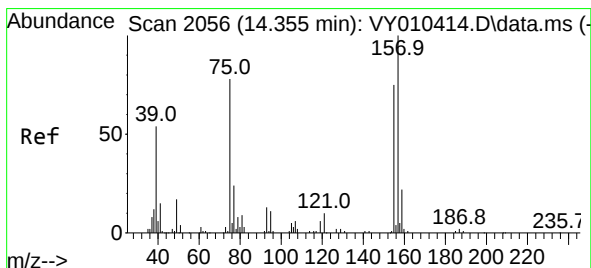
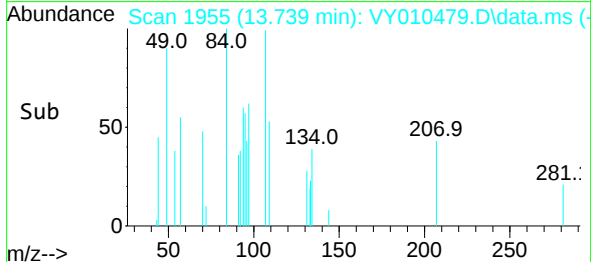
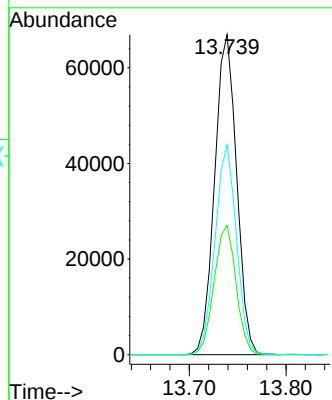
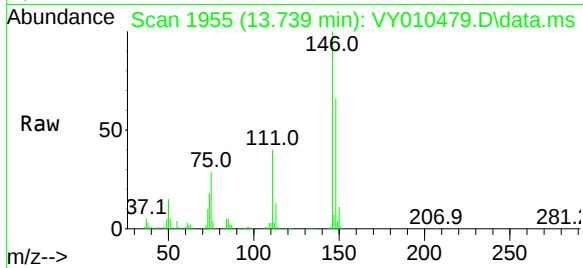




#91  
1,2-Dichlorobenzene  
Concen: 20.219 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

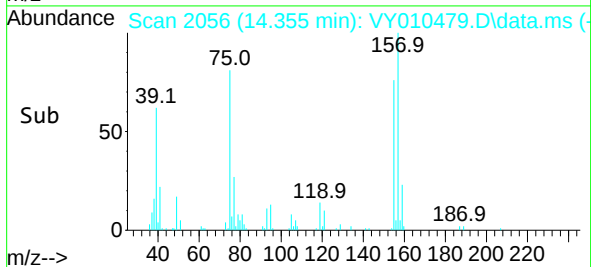
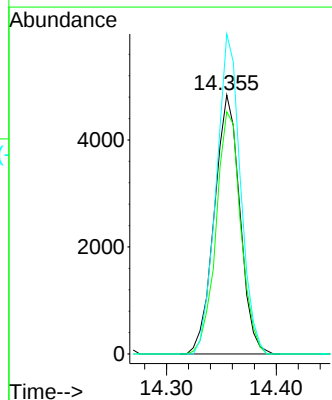
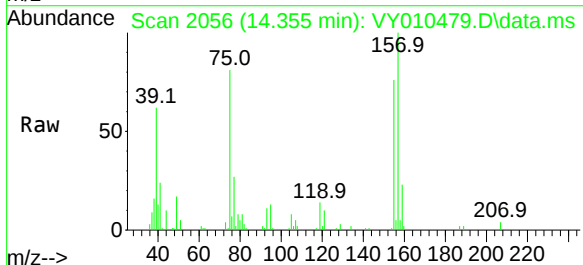
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0914SBS02

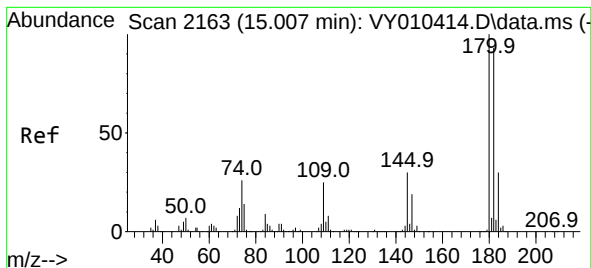
Tgt Ion:146 Resp: 105577  
Ion Ratio Lower Upper  
146 100  
111 40.4 20.3 60.9  
148 64.0 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.009 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY010479.D  
Acq: 14 Sep 2022 12:51

Tgt Ion: 75 Resp: 7828  
Ion Ratio Lower Upper  
75 100  
155 90.4 38.0 113.9  
157 116.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.292 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

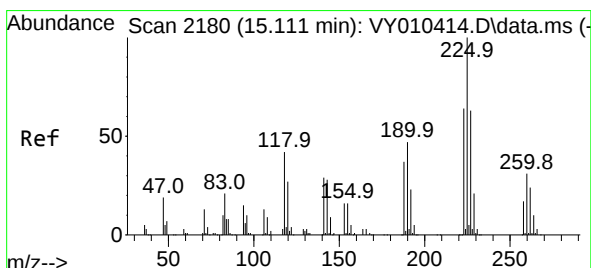
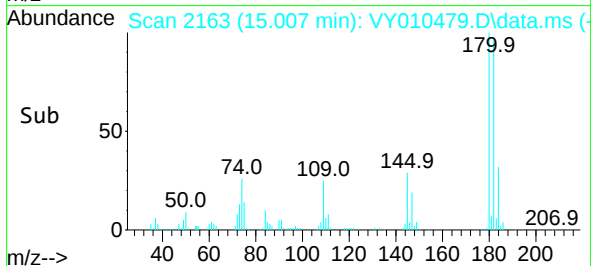
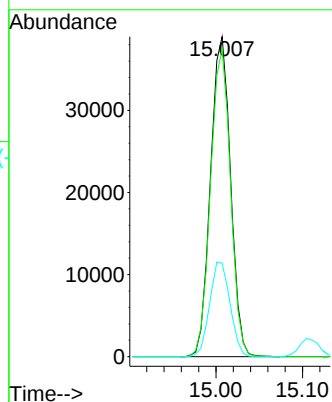
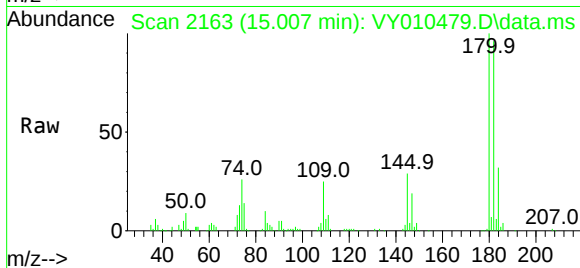
Tgt Ion:180 Resp: 62567

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.557 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

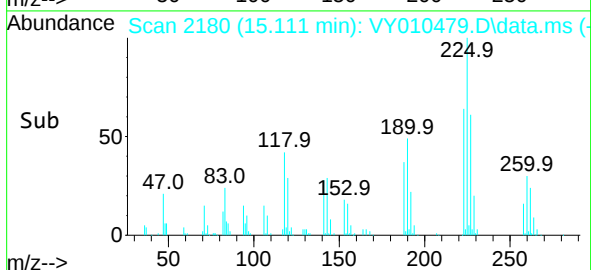
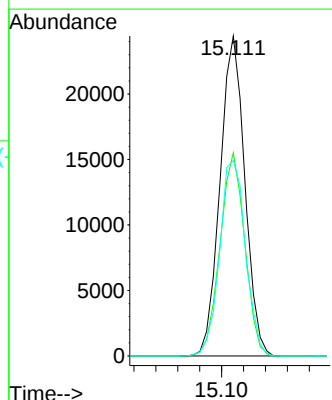
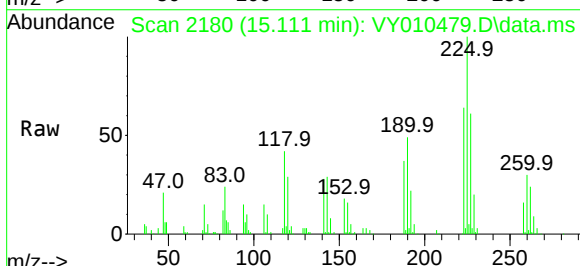
Tgt Ion:225 Resp: 38270

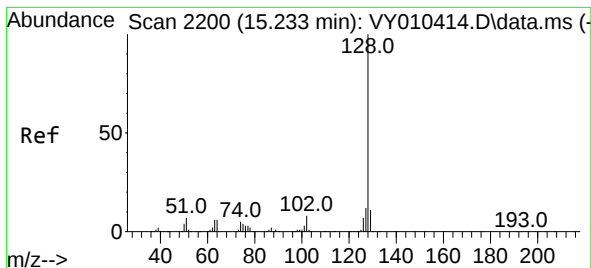
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 63.9 31.6 94.7





#95

Naphthalene

Concen: 19.603 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Instrument :

MSVOA\_Y

ClientSampleId :

VY0914SBS02

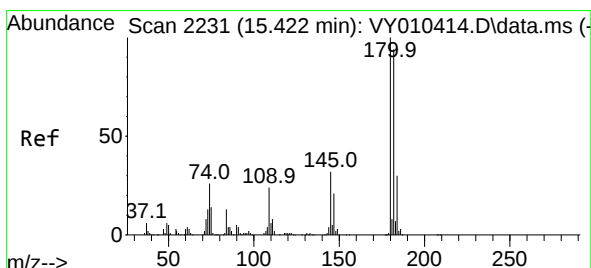
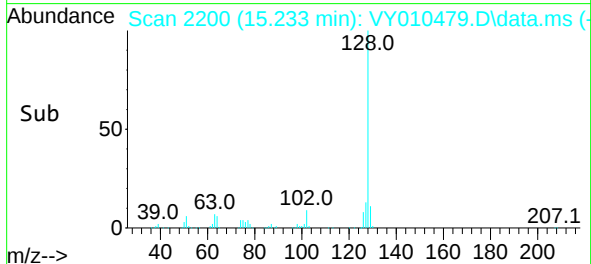
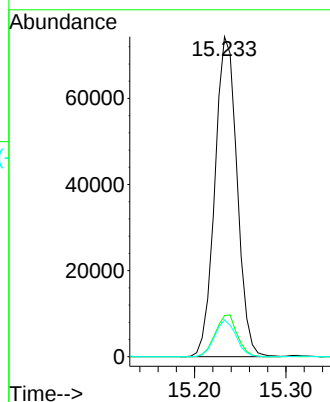
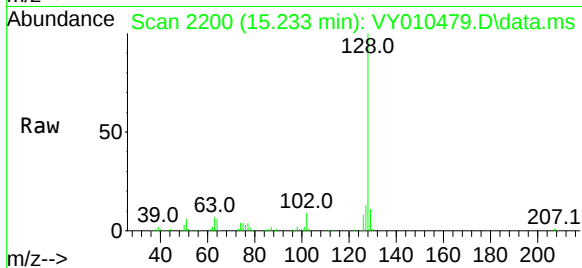
Tgt Ion:128 Resp: 125393

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.187 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010479.D

Acq: 14 Sep 2022 12:51

Tgt Ion:180 Resp: 54320

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 32.3 15.3 45.9

