

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072523\  
 Data File : VY014819.D  
 Acq On : 25 Jul 2023 22:49  
 Operator : SY/MD  
 Sample : VY0725SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

Quant Time: Jul 26 02:14:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 14 02:09:50 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 204274   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 348113   | 50.000 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 11.495 | 117  | 312392   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 156006   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 113003   | 48.545   | ug/l | 0.01    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.100% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 101869   | 45.970   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 91.940% |
| 50) Toluene-d8              | 10.185 | 98    | 369322   | 45.205   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 90.420% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 135739   | 43.330   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 86.660% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 32402  | 19.469  | ug/l   | 93  |
| 3) Chloromethane             | 2.113 | 50  | 43789  | 23.407  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.253 | 62  | 49429  | 23.641  | ug/l   | 96  |
| 5) Bromomethane              | 2.631 | 94  | 36070  | 26.105  | ug/l   | 99  |
| 6) Chloroethane              | 2.784 | 64  | 32301  | 24.733  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 68513  | 19.511  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.533 | 74  | 25858  | 19.792  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 40026  | 18.597  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.088 | 142 | 41165  | 19.557  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 67274  | 129.588 | ug/l # | 89  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 37163  | 18.475  | ug/l   | 96  |
| 13) Acrolein                 | 3.735 | 56  | 21435  | 88.101  | ug/l   | 99  |
| 14) Allyl chloride           | 4.478 | 41  | 61935  | 17.341  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.167 | 53  | 78980  | 109.624 | ug/l   | 98  |
| 16) Acetone                  | 3.954 | 43  | 66859  | 90.638  | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.198 | 76  | 104419 | 18.131  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.478 | 43  | 70664  | 24.963  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 132671 | 20.304  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.716 | 84  | 60073  | 22.769  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 44353  | 19.429  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.124 | 45  | 137322 | 18.911  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.063 | 43  | 388811 | 89.474  | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 79881  | 19.226  | ug/l   | 97  |
| 25) 2-Butanone               | 6.990 | 43  | 114921 | 106.490 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 68699  | 17.349  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 52096  | 19.606  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.338 | 49  | 38402  | 21.460  | ug/l   | 92  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 73603  | 110.764 | ug/l   | 93  |
| 30) Chloroform               | 7.508 | 83  | 85511  | 19.958  | ug/l   | 100 |
| 31) Cyclohexane              | 7.795 | 56  | 66539  | 17.220  | ug/l   | 89  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 72830  | 18.886  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 60142  | 18.148  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 46289  | 20.287  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 64653  | 18.456  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 73437  | 17.009  | ug/l   | 93  |
| 40) Benzene                  | 8.167 | 78  | 179068 | 18.999  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072523\  
 Data File : VY014819.D  
 Acq On : 25 Jul 2023 22:49  
 Operator : SY/MD  
 Sample : VY0725SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

Quant Time: Jul 26 02:14:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 14 02:09:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 66867    | 56.977  | ug/l # | 31       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 59412    | 19.906  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.276  | 43   | 85676    | 19.712  | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 50885    | 19.296  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 46052    | 18.712  | ug/l   | 100      |
| 46) Dibromomethane            | 9.307  | 93   | 30356    | 20.332  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.496  | 83   | 66860    | 19.000  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 37795    | 19.325  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 9783     | 401.846 | ug/l # | 39       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 241306   | 105.742 | ug/l   | 93       |
| 52) Toluene                   | 10.246 | 92   | 114568   | 18.996  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 68450    | 17.783  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 75241    | 17.975  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 42005    | 20.197  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 60867    | 19.168  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 71336    | 19.887  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 156950   | 106.079 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 171361   | 102.970 | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.989 | 129  | 49456    | 19.395  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 41697    | 20.097  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 52273    | 20.806  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 126105   | 18.943  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 46953    | 18.707  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 222872   | 18.543  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 168274   | 36.677  | ug/l   | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 84045    | 18.807  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 139378   | 18.505  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 32100    | 18.868  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 215342   | 17.629  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 69507    | 16.990  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 53569    | 19.230  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 68003    | 34.514  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 52534    | 18.840  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 258421   | 17.556  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 149912   | 17.682  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 179371   | 17.583  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 16071    | 15.793  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 152853   | 17.505  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 162165   | 17.920  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 181240   | 18.103  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 232083   | 17.483  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 192134   | 17.727  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 100833   | 18.580  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 101423   | 18.650  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 179849   | 17.056  | ug/l   | 96       |
| 90) Hexachloroethane          | 13.958 | 117  | 38101    | 17.114  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 94223    | 18.951  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 10238    | 19.218  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 58628    | 18.575  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 29269    | 16.875  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 141438   | 19.235  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 51653    | 18.414  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072523\  
Data File : VY014819.D  
Acq On : 25 Jul 2023 22:49  
Operator : SY/MD  
Sample : VY0725SBSD02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 36 Sample Multiplier: 1

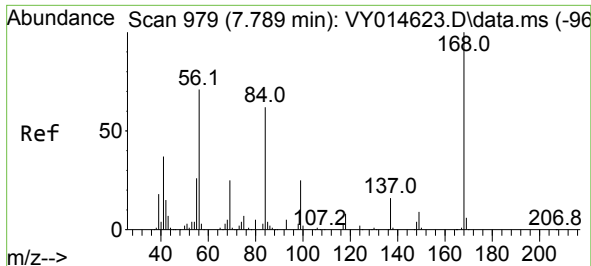
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBSD02

Quant Time: Jul 26 02:14:52 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 14 02:09:50 2023  
Response via : Initial Calibration

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

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

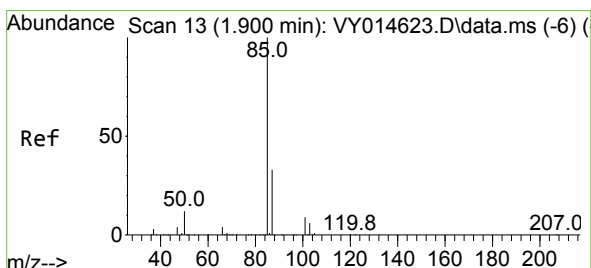
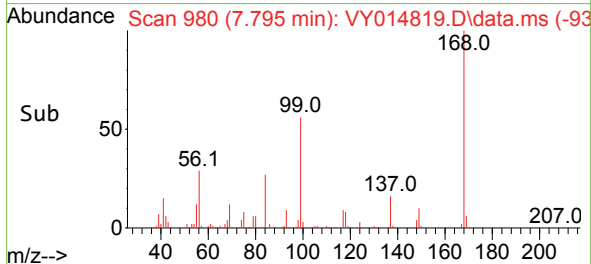
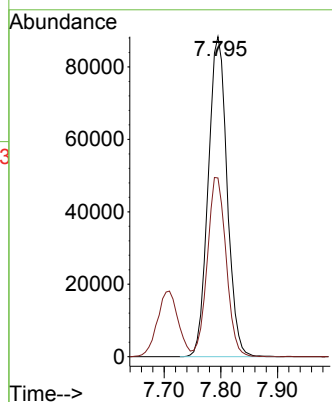
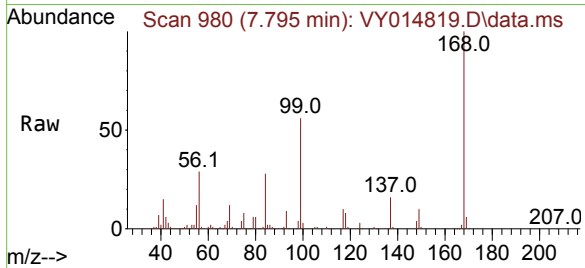




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

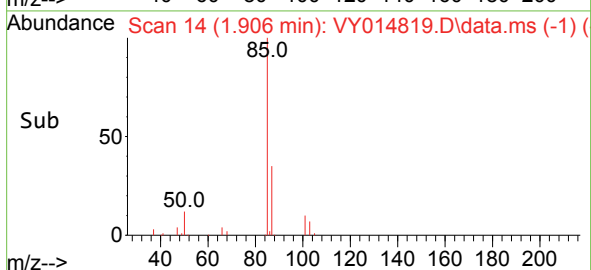
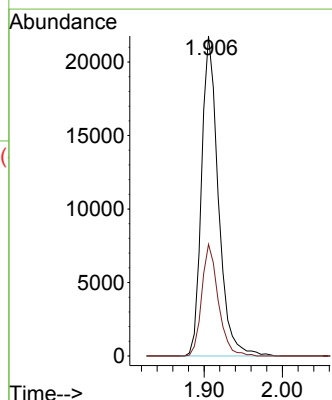
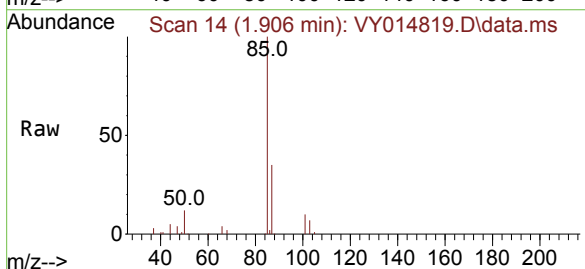
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

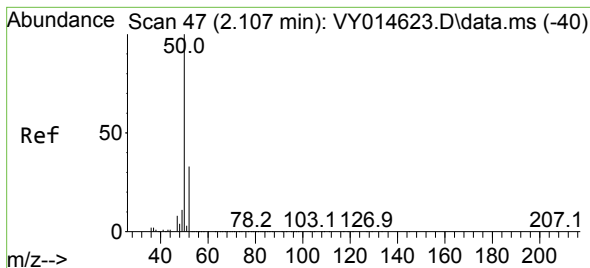
Tgt Ion:168 Resp: 204274  
Ion Ratio Lower Upper  
168 100  
99 55.8 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 19.469 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 85 Resp: 32402  
Ion Ratio Lower Upper  
85 100  
87 34.9 15.6 46.8





#3

Chloromethane

Concen: 23.407 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

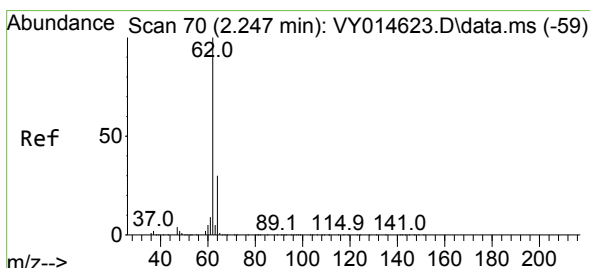
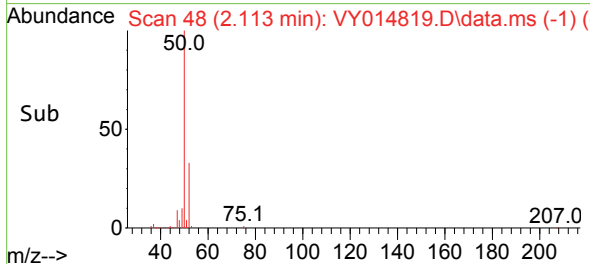
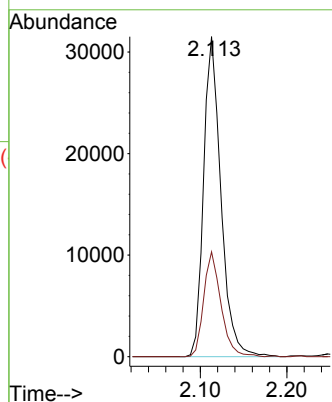
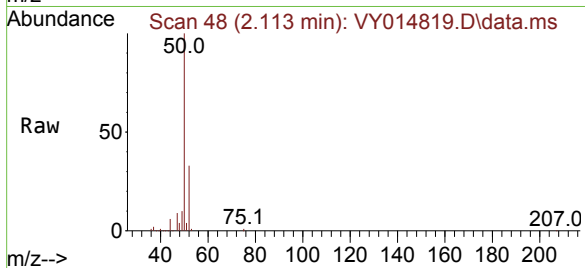
VY0725SBS02

Tgt Ion: 50 Resp: 43789

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 23.641 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY014819.D

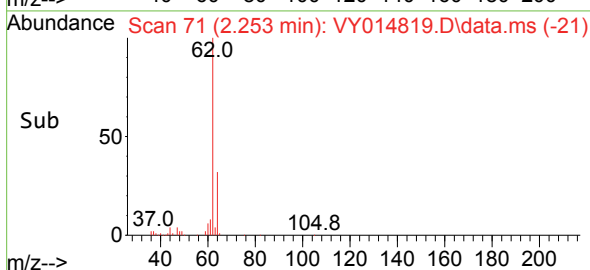
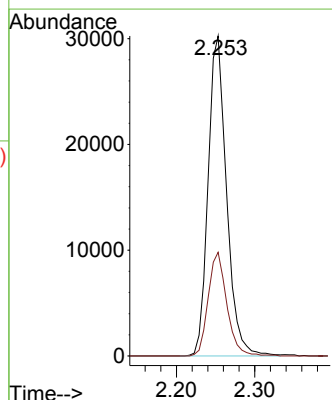
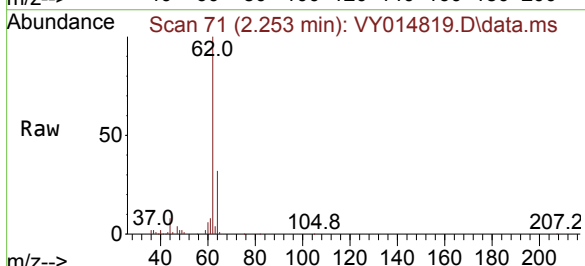
Acq: 25 Jul 2023 22:49

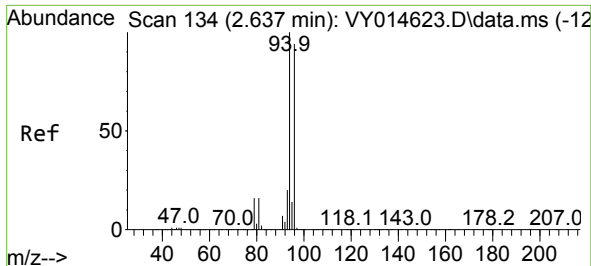
Tgt Ion: 62 Resp: 49429

Ion Ratio Lower Upper

62 100

64 32.4 24.3 36.5

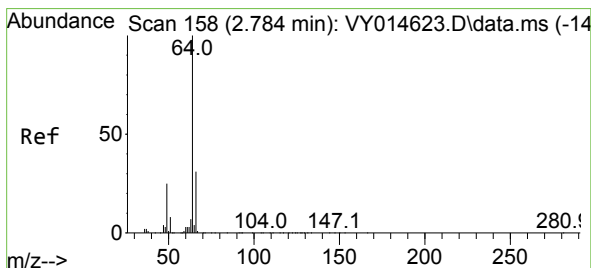
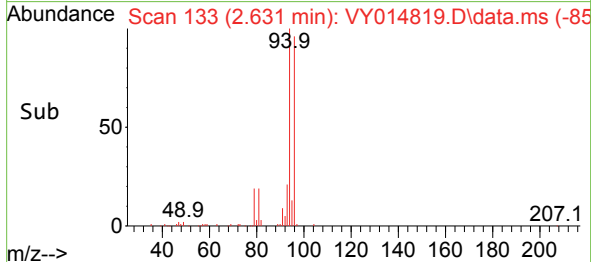
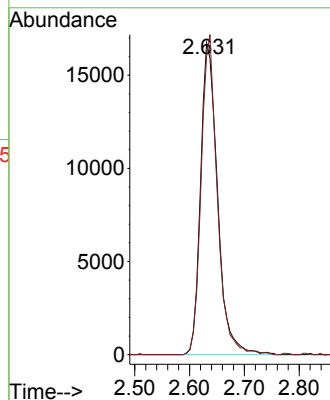
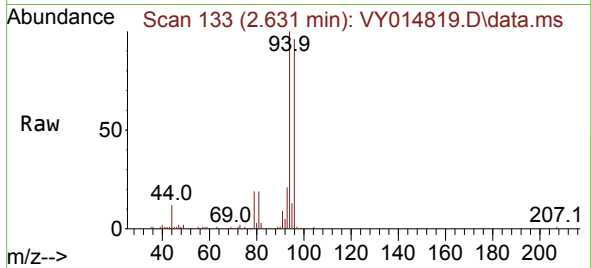




#5  
Bromomethane  
Concen: 26.105 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

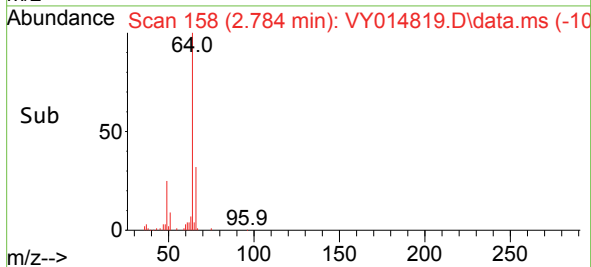
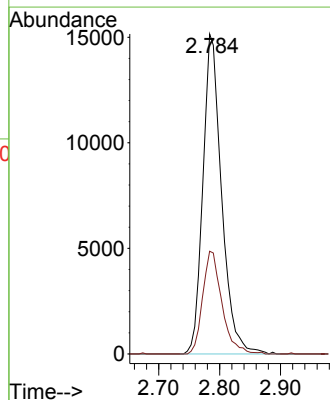
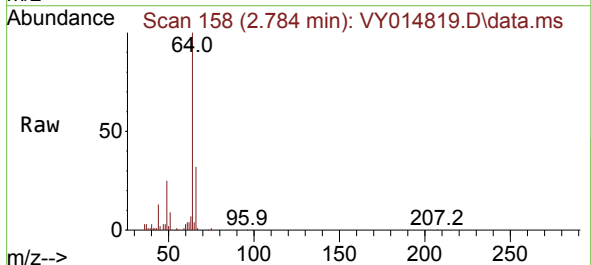
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

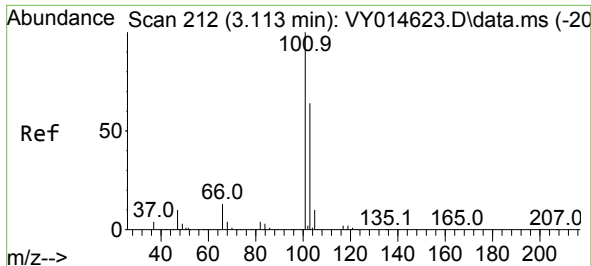
Tgt Ion: 94 Resp: 36070  
Ion Ratio Lower Upper  
94 100  
96 95.7 75.8 113.6



#6  
Chloroethane  
Concen: 24.733 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 64 Resp: 32301  
Ion Ratio Lower Upper  
64 100  
66 32.1 24.4 36.6

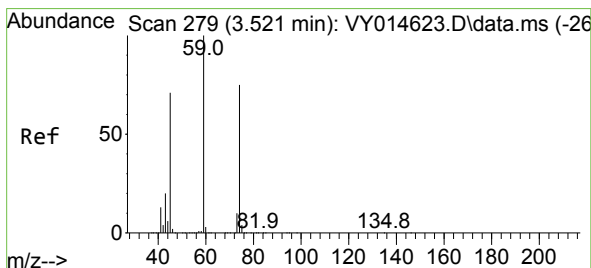
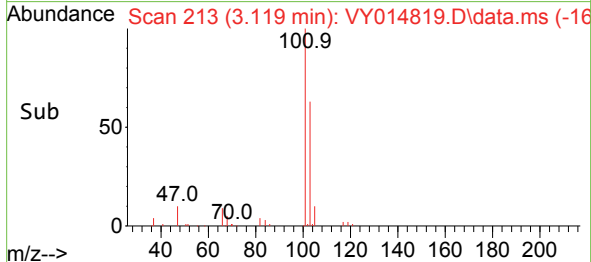
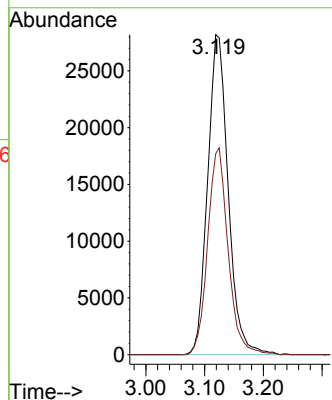
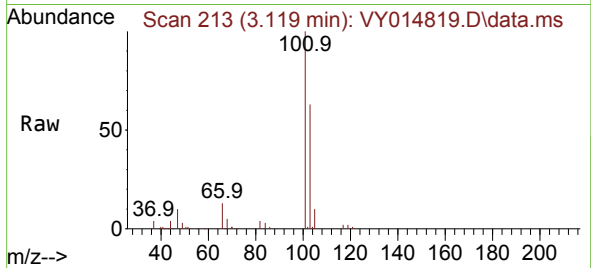




#7  
 Trichlorofluoromethane  
 Concen: 19.511 ug/l  
 RT: 3.119 min Scan# 212  
 Delta R.T. 0.006 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

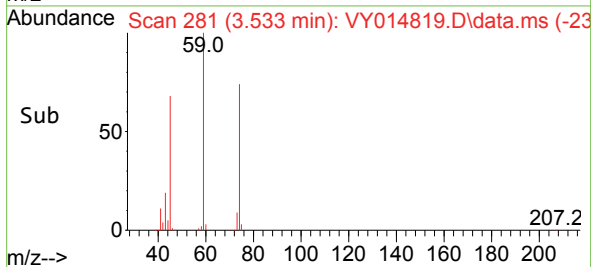
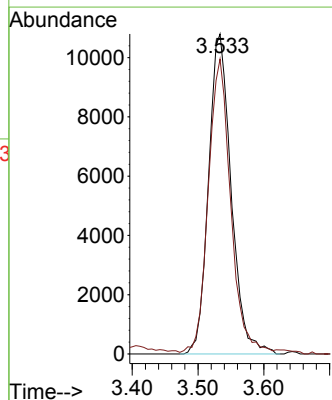
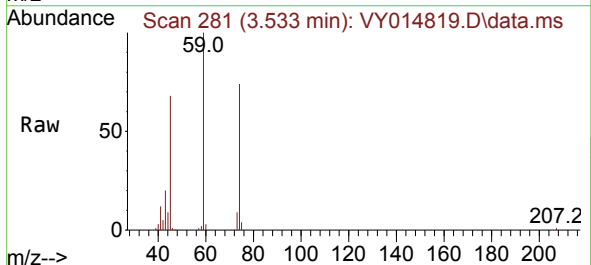
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

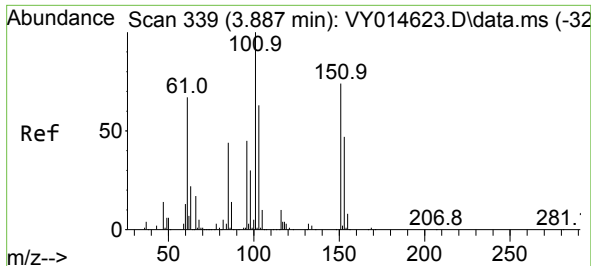
Tgt Ion:101 Resp: 68513  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 19.792 ug/l  
 RT: 3.533 min Scan# 281  
 Delta R.T. 0.012 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

Tgt Ion: 74 Resp: 25858  
 Ion Ratio Lower Upper  
 74 100  
 45 90.3 51.5 154.5

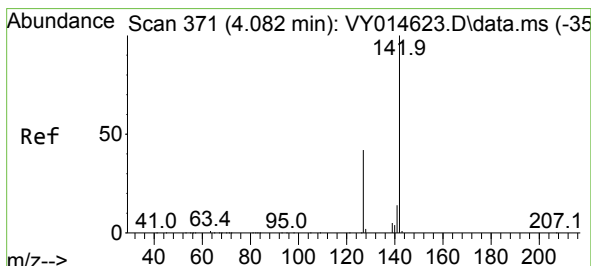
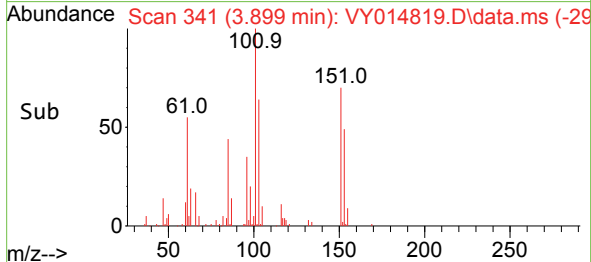
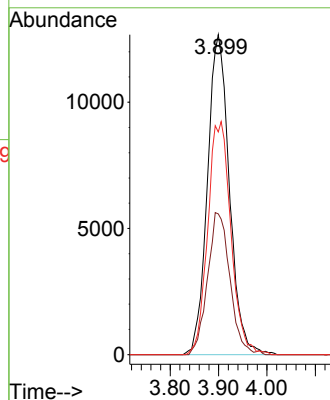
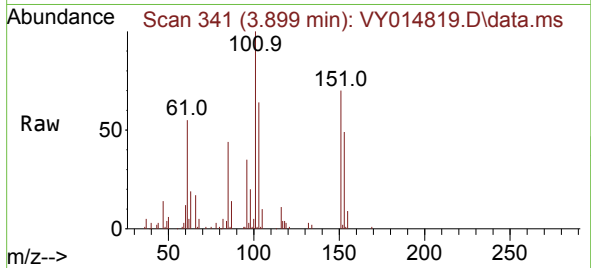




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.597 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

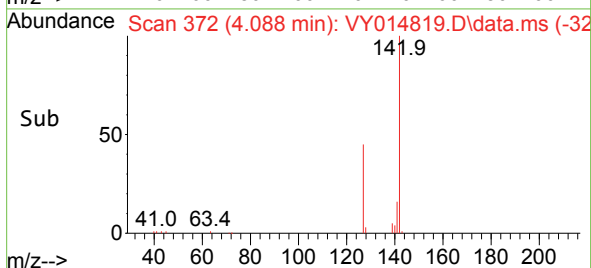
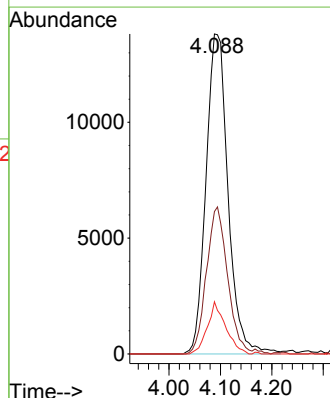
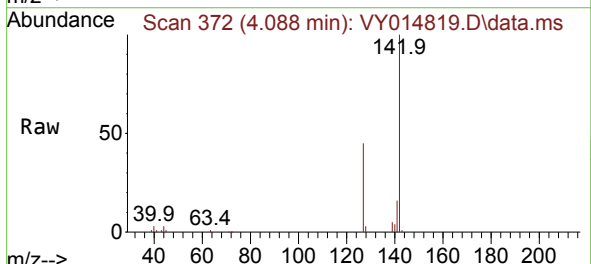
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

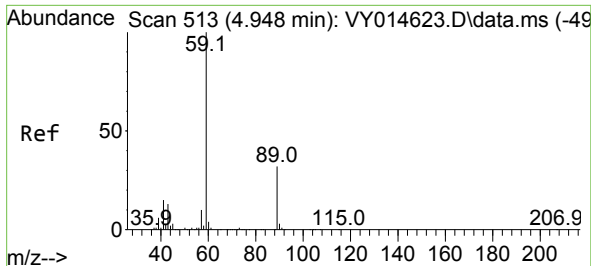
Tgt Ion:101 Resp: 40026  
Ion Ratio Lower Upper  
101 100  
85 45.2 36.6 55.0  
151 76.7 67.0 100.6



#10  
Methyl Iodide  
Concen: 19.557 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion:142 Resp: 41165  
Ion Ratio Lower Upper  
142 100  
127 44.0 37.6 56.4  
141 13.6 11.8 17.8

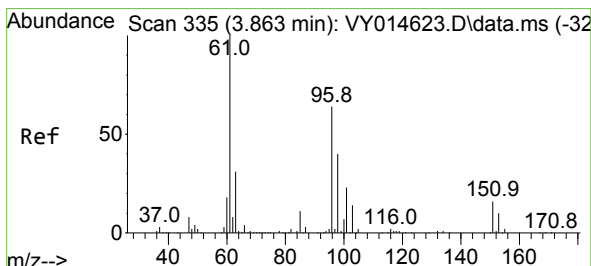
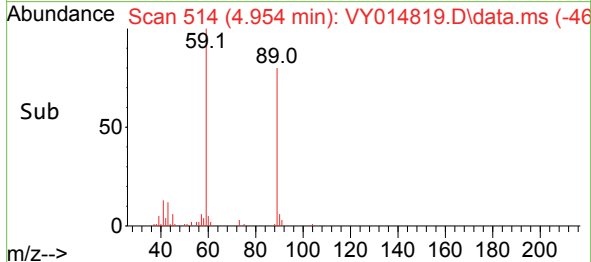
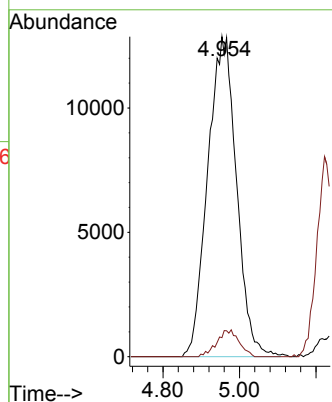
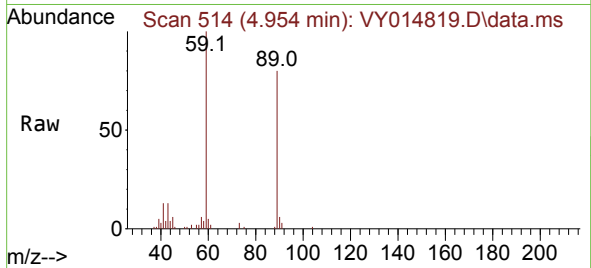




#11  
Tert butyl alcohol  
Concen: 129.588 ug/l  
RT: 4.954 min Scan# 513  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

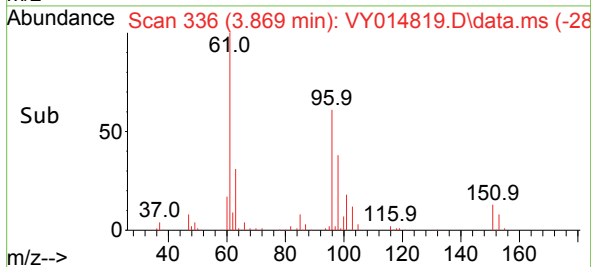
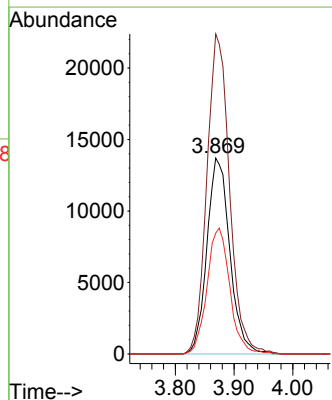
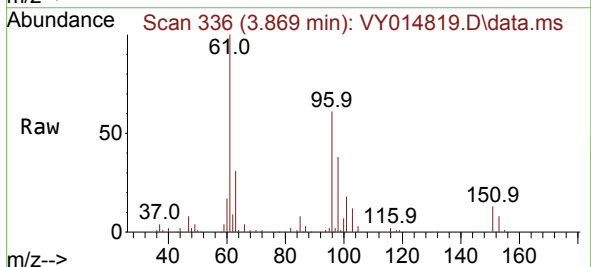
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

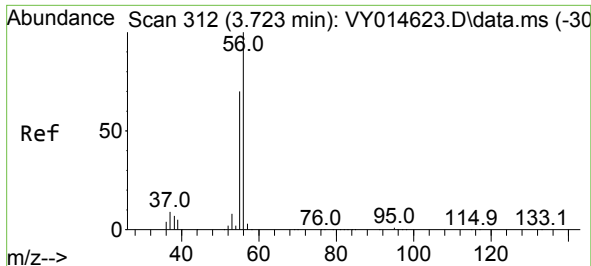
Tgt Ion: 59 Resp: 67274  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 18.475 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 96 Resp: 37163  
Ion Ratio Lower Upper  
96 100  
61 163.4 136.4 204.6  
98 61.6 49.4 74.2

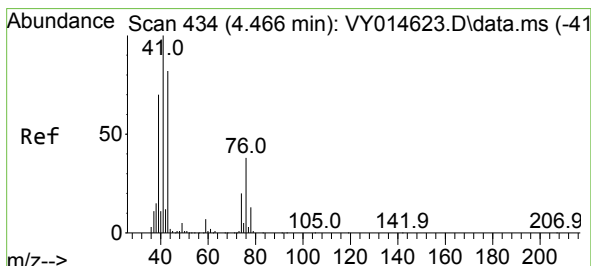
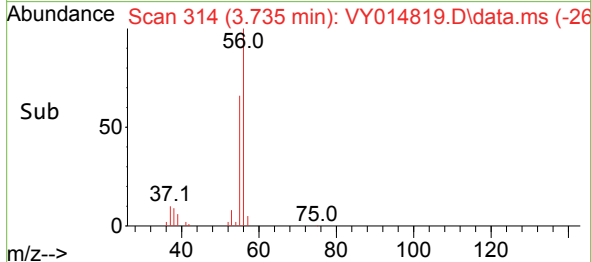
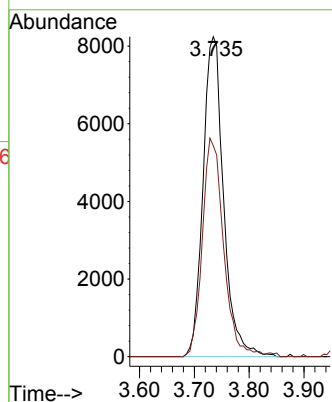
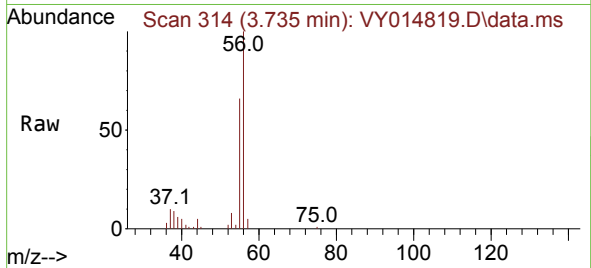




#13  
Acrolein  
Concen: 88.101 ug/l  
RT: 3.735 min Scan# 312  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

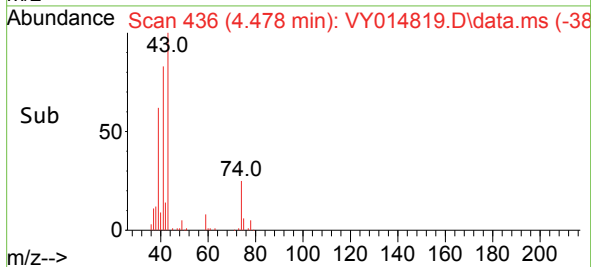
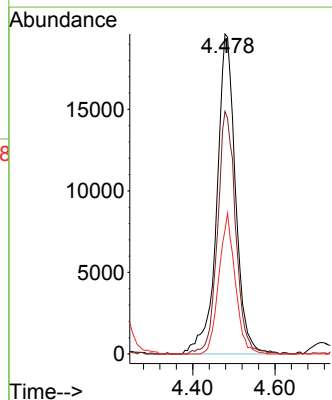
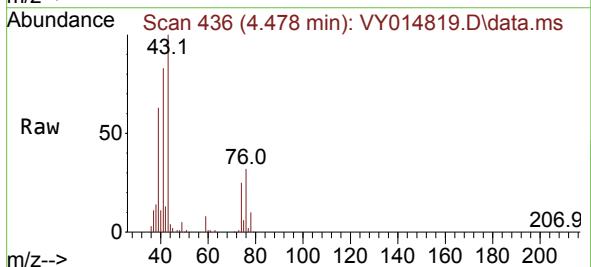
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

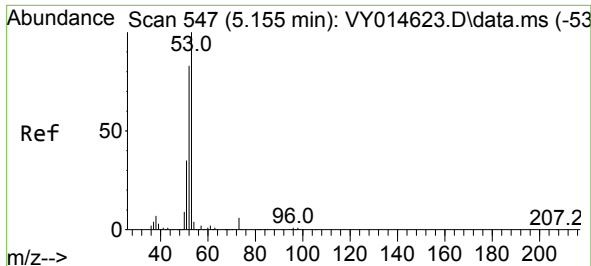
Tgt Ion: 56 Resp: 21435  
Ion Ratio Lower Upper  
56 100  
55 70.5 57.0 85.4



#14  
Allyl chloride  
Concen: 17.341 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 41 Resp: 61935  
Ion Ratio Lower Upper  
41 100  
39 73.3 58.0 87.0  
76 38.3 27.4 41.2

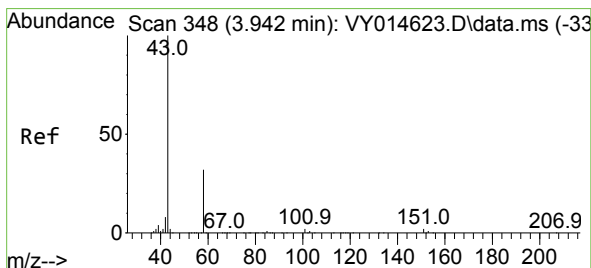
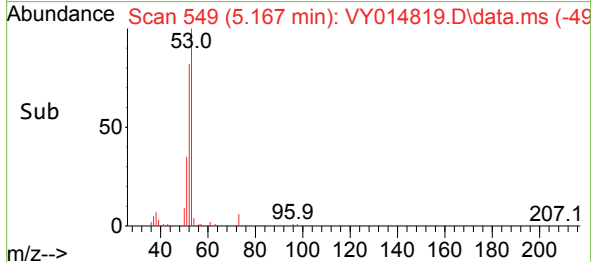
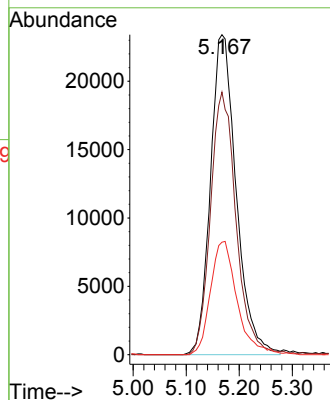
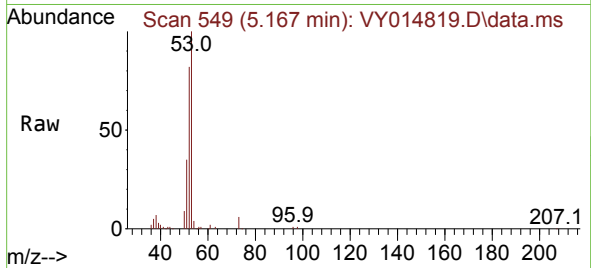




#15  
Acrylonitrile  
Concen: 109.624 ug/l  
RT: 5.167 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

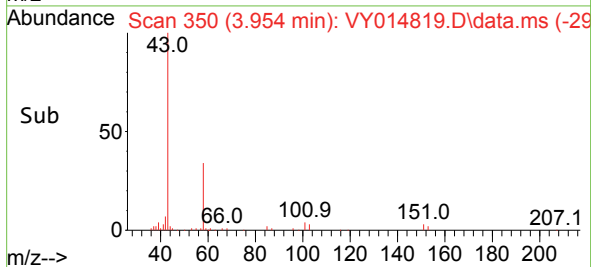
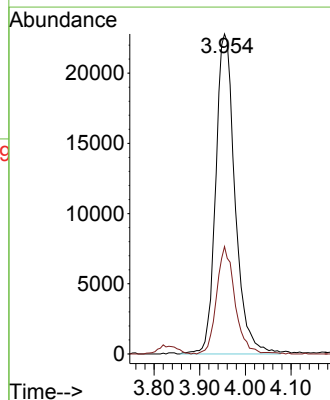
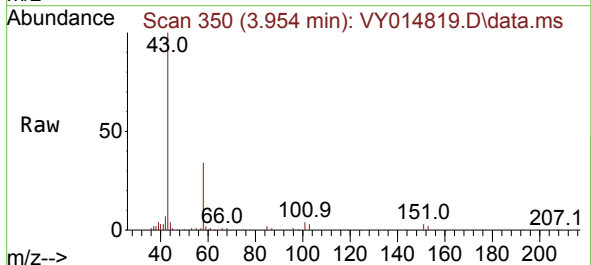
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBSD02

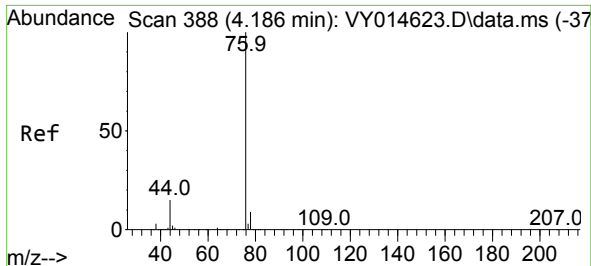
Tgt Ion: 53 Resp: 78980  
Ion Ratio Lower Upper  
53 100  
52 81.6 66.9 100.3  
51 36.6 29.8 44.6



#16  
Acetone  
Concen: 90.638 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 43 Resp: 66859  
Ion Ratio Lower Upper  
43 100  
58 33.3 22.7 34.1

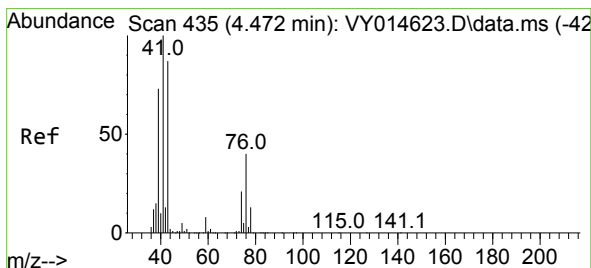
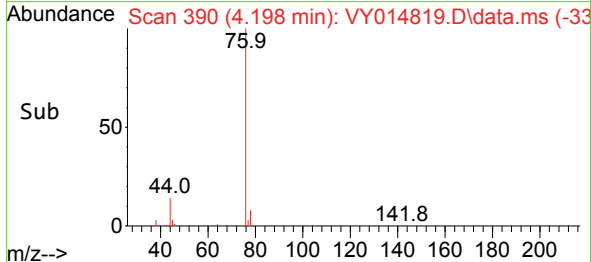
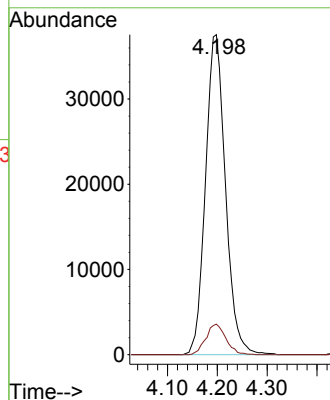
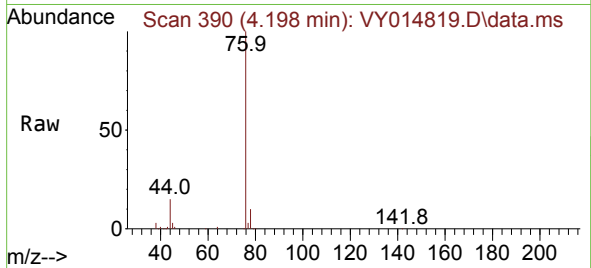




#17  
Carbon Disulfide  
Concen: 18.131 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

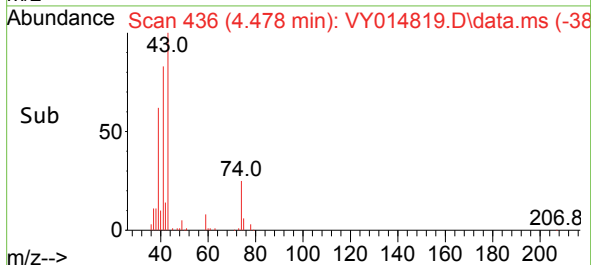
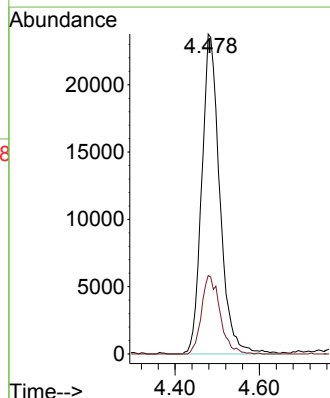
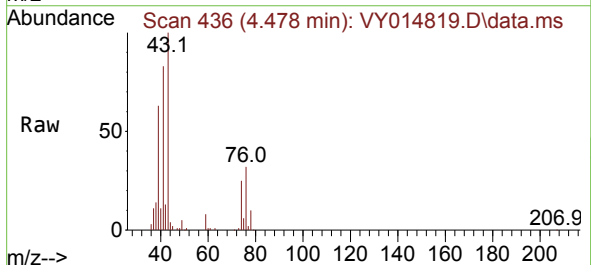
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

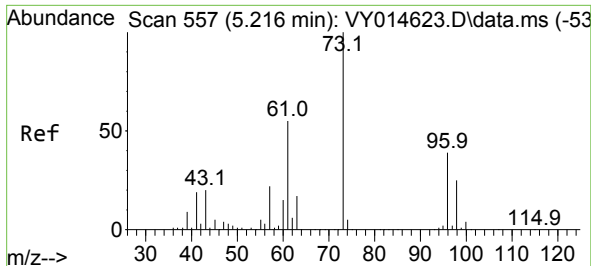
Tgt Ion: 76 Resp: 104419  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.0 10.4



#18  
Methyl Acetate  
Concen: 24.963 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 43 Resp: 70664  
Ion Ratio Lower Upper  
43 100  
74 25.2 17.4 26.0

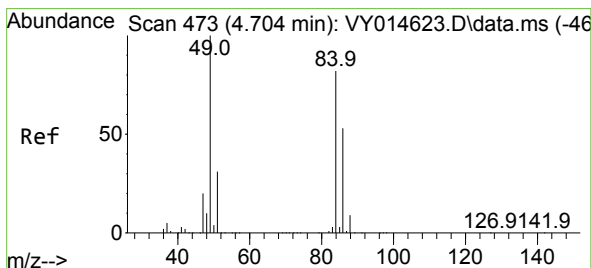
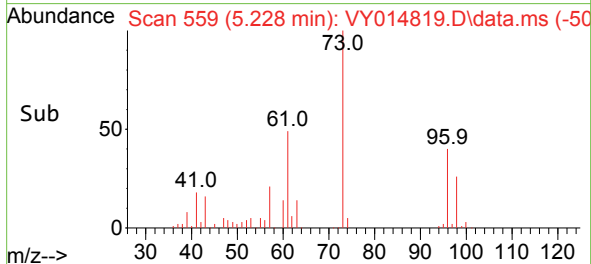
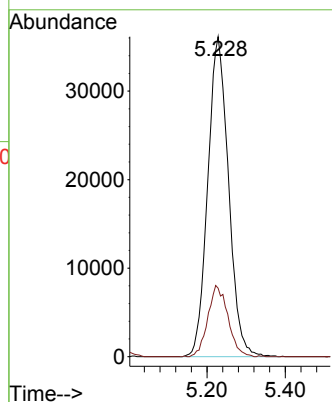
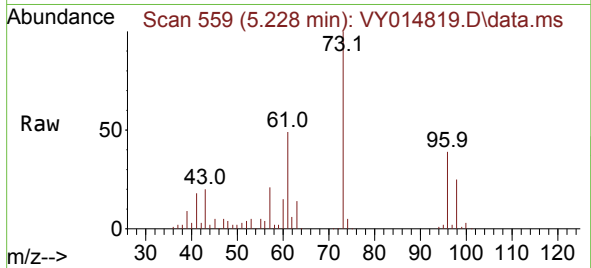




#19  
Methyl tert-butyl Ether  
Concen: 20.304 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

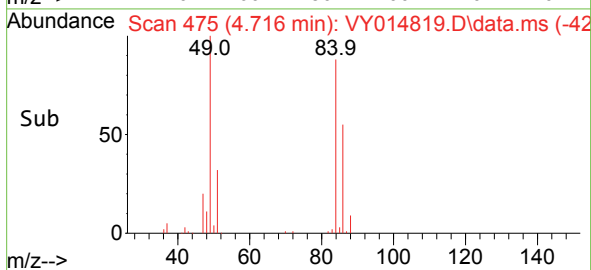
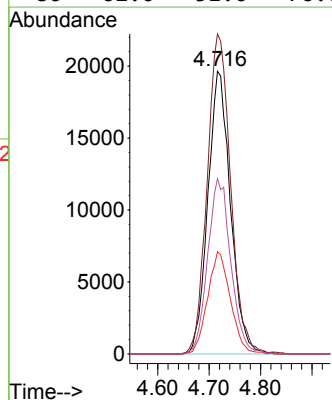
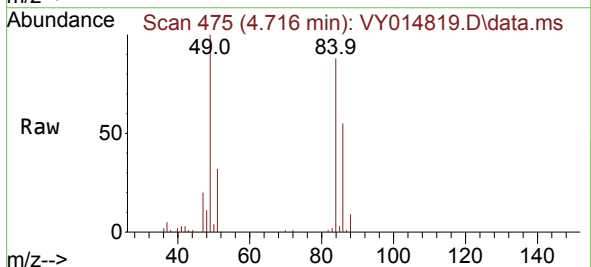
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

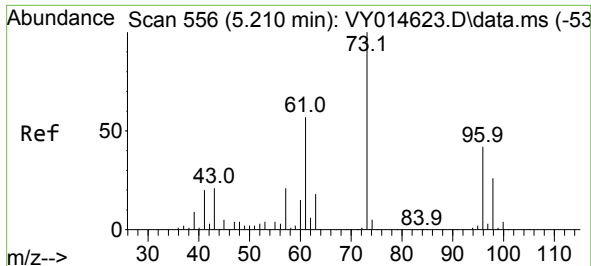
Tgt Ion: 73 Resp: 132671  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 22.769 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 84 Resp: 60073  
Ion Ratio Lower Upper  
84 100  
49 113.2 106.9 160.3  
51 36.2 33.2 49.8  
86 62.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.429 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

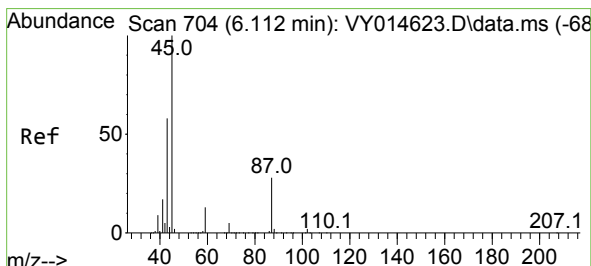
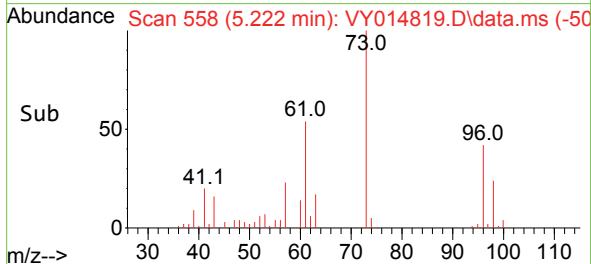
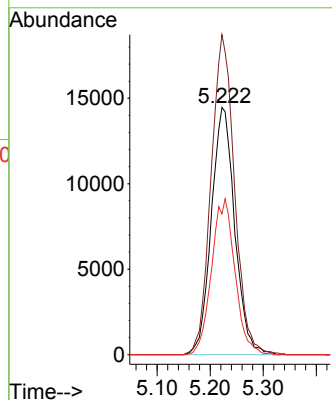
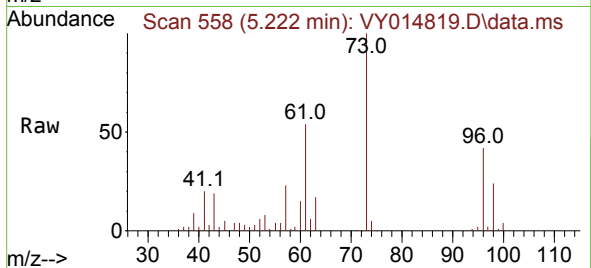
Tgt Ion: 96 Resp: 44353

Ion Ratio Lower Upper

96 100

61 129.4 110.2 165.4

98 57.0 51.8 77.6



#22

Diisopropyl ether

Concen: 18.911 ug/l

RT: 6.124 min Scan# 706

Delta R.T. 0.012 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion: 45 Resp: 137322

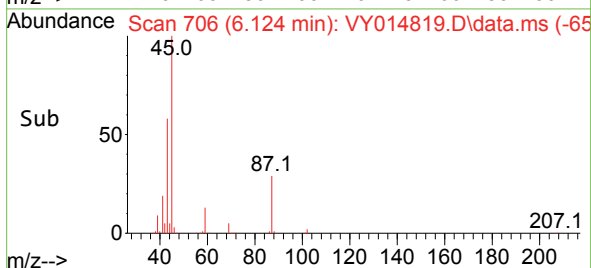
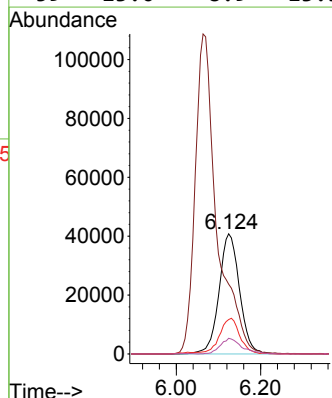
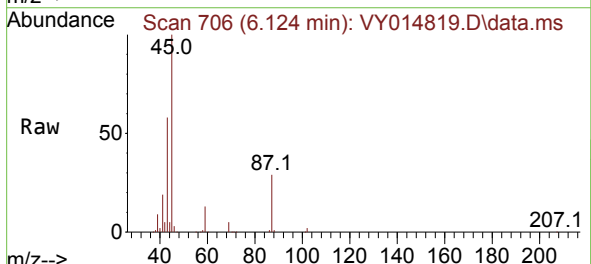
Ion Ratio Lower Upper

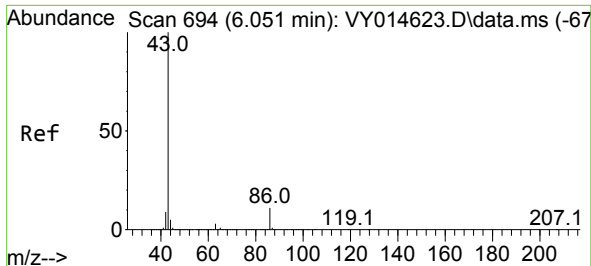
45 100

43 57.5 52.2 78.4

87 28.6 21.0 31.6

59 13.0 8.9 13.3

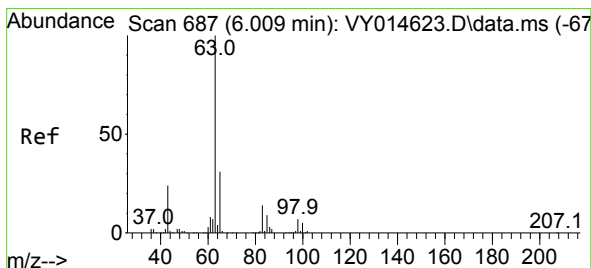
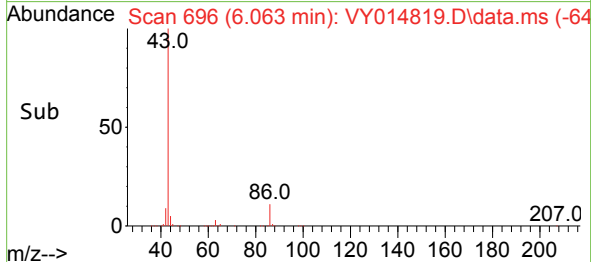
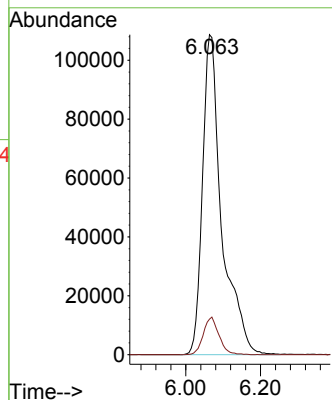
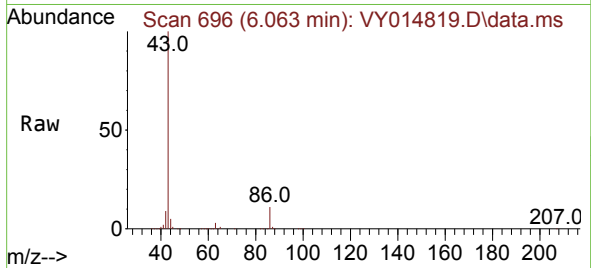




#23  
 Vinyl Acetate  
 Concen: 89.474 ug/l  
 RT: 6.063 min Scan# 61  
 Delta R.T. 0.012 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

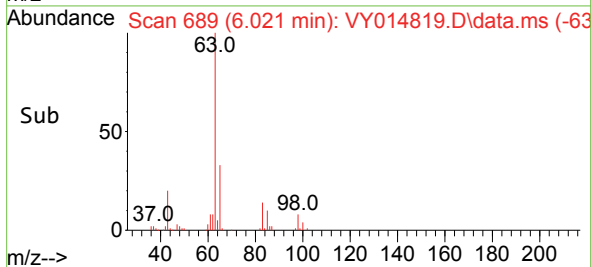
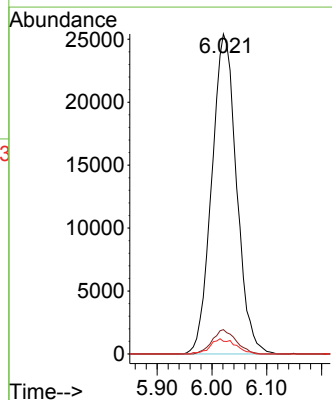
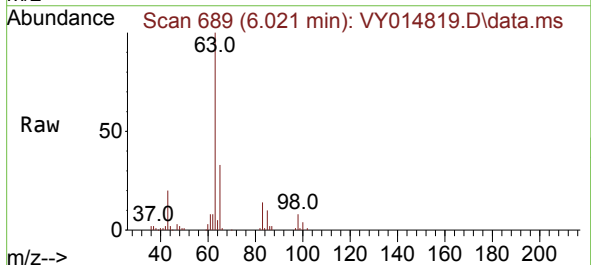
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

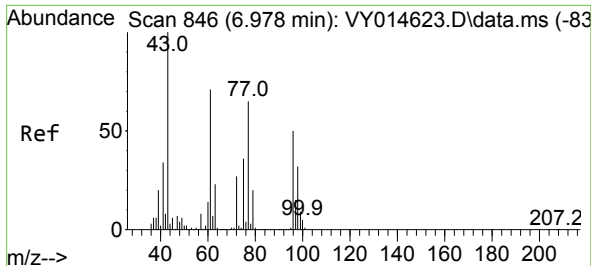
Tgt Ion: 43 Resp: 388811  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 19.226 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.012 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

Tgt Ion: 63 Resp: 79881  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.1 9.4  
 100 4.0 1.8 5.5

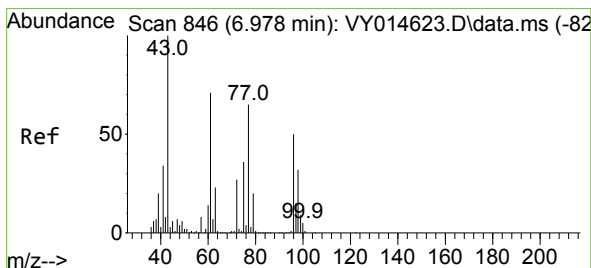
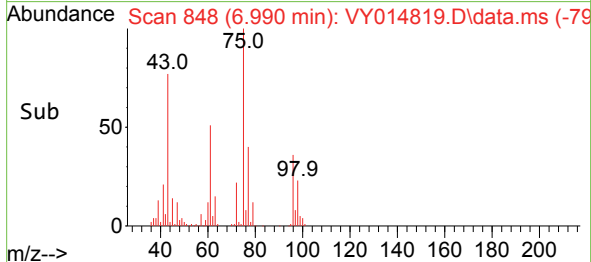
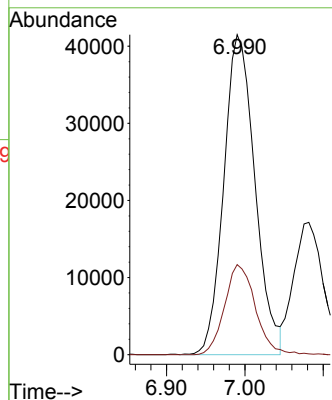
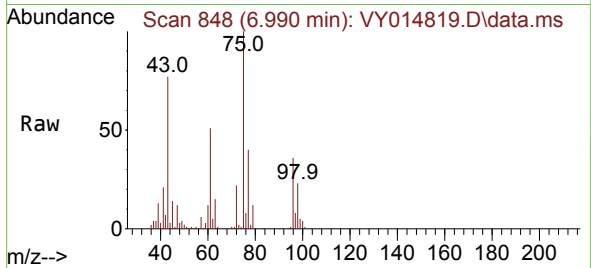




#25  
2-Butanone  
Concen: 106.490 ug/l  
RT: 6.990 min Scan# 846  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

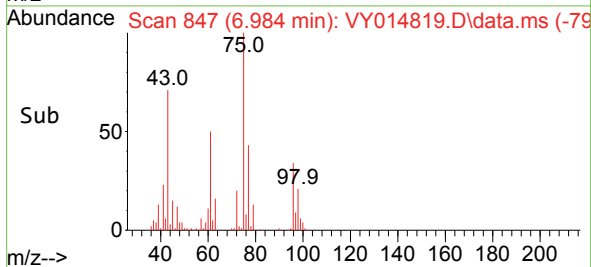
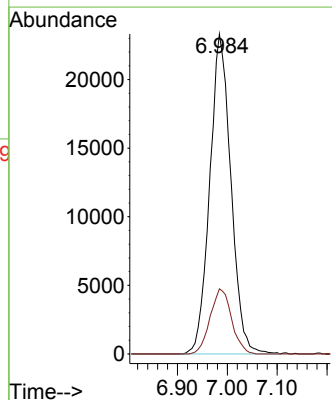
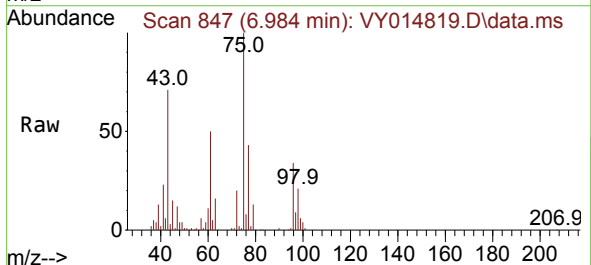
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

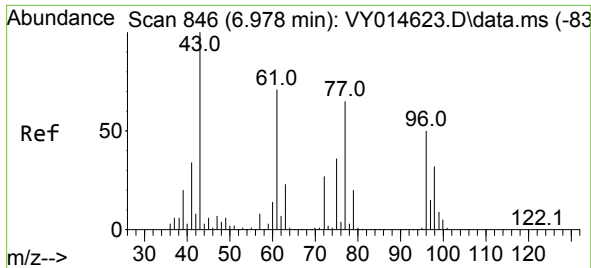
Tgt Ion: 43 Resp: 114921  
Ion Ratio Lower Upper  
43 100  
72 28.2 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 17.349 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 77 Resp: 68699  
Ion Ratio Lower Upper  
77 100  
97 20.6 10.9 32.9

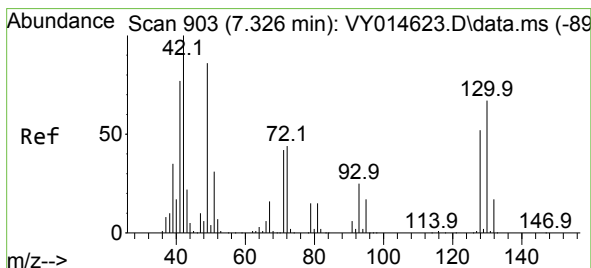
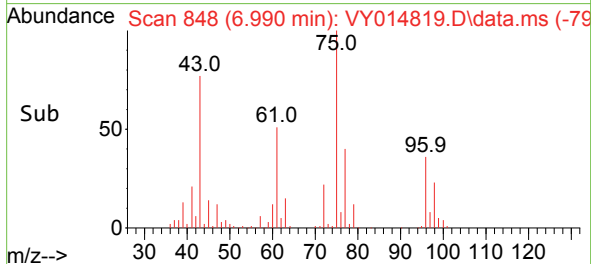
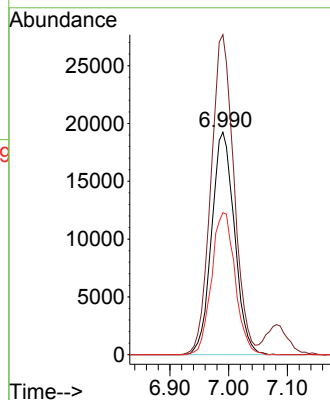
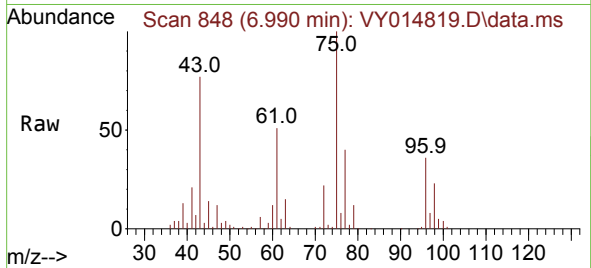




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.606 ug/l  
 RT: 6.990 min Scan# 846  
 Delta R.T. 0.012 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

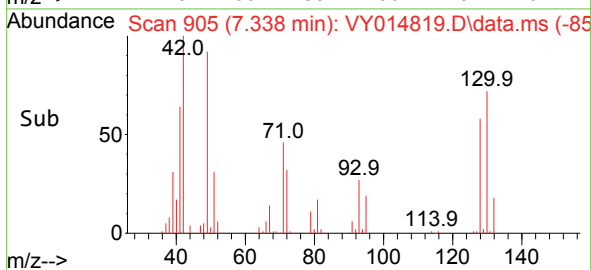
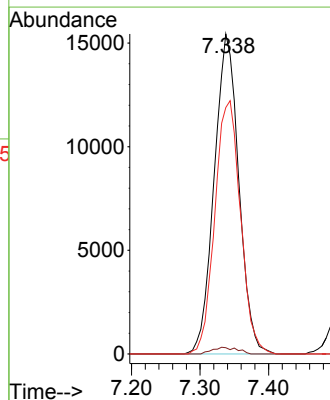
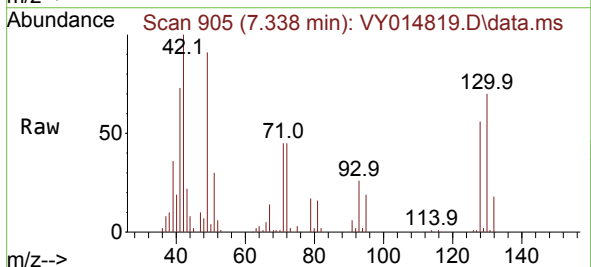
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

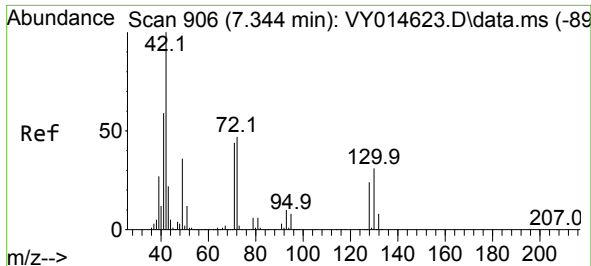
Tgt Ion: 96 Resp: 52096  
 Ion Ratio Lower Upper  
 96 100  
 61 144.7 0.0 301.4  
 98 65.6 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 21.460 ug/l  
 RT: 7.338 min Scan# 905  
 Delta R.T. 0.012 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

Tgt Ion: 49 Resp: 38402  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.6  
 130 82.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 110.764 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

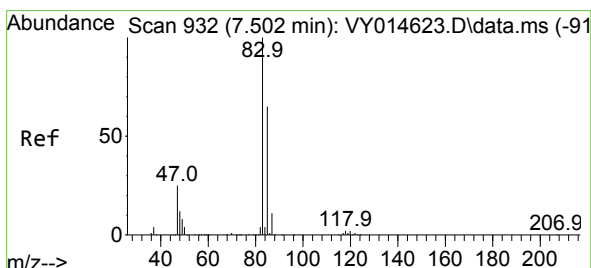
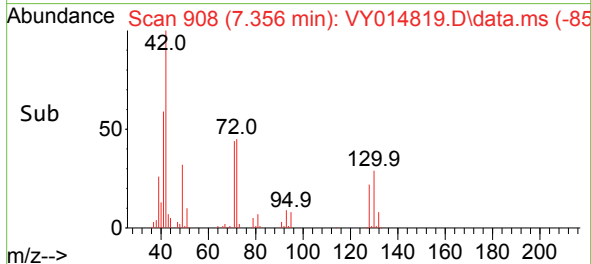
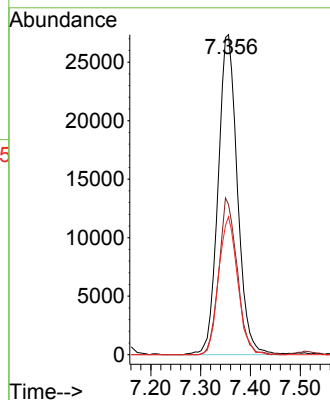
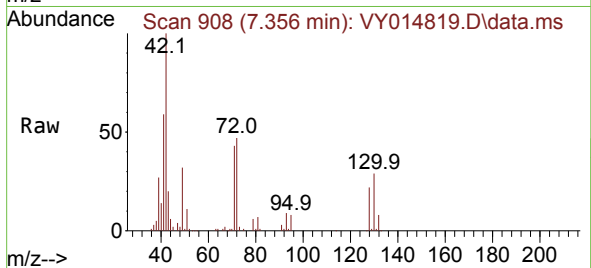
Tgt Ion: 42 Resp: 73603

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 42.4 31.0 46.4



#30

Chloroform

Concen: 19.958 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY014819.D

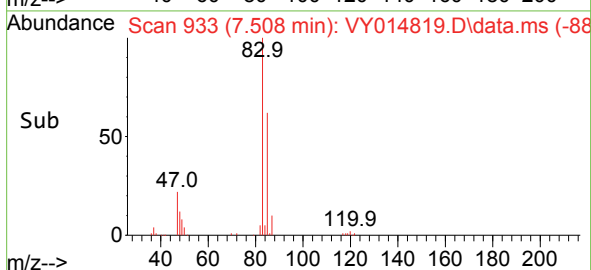
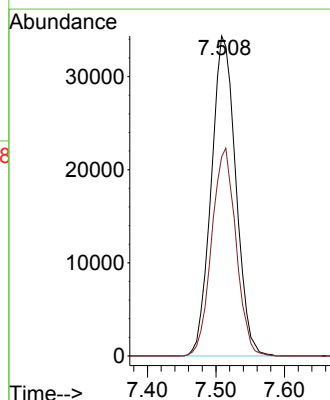
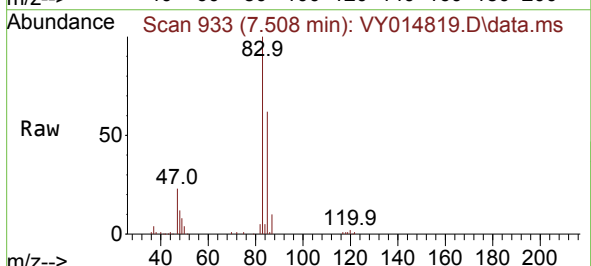
Acq: 25 Jul 2023 22:49

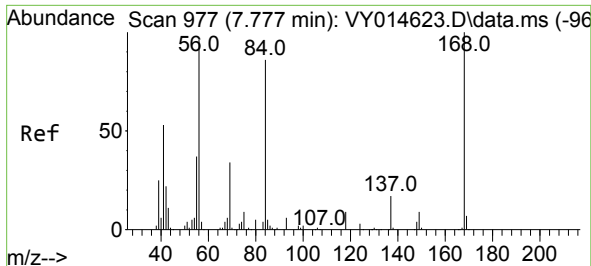
Tgt Ion: 83 Resp: 85511

Ion Ratio Lower Upper

83 100

85 62.2 49.7 74.5

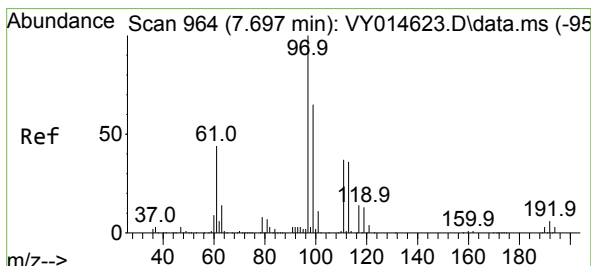
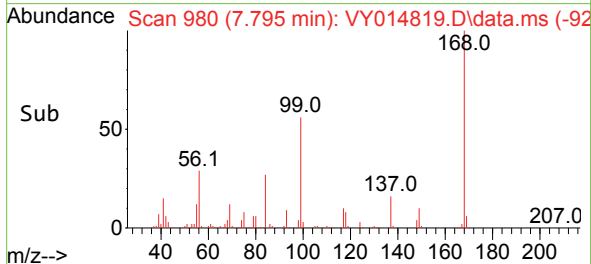
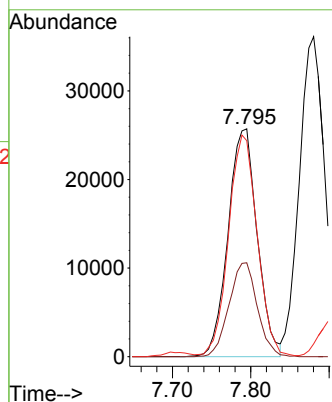
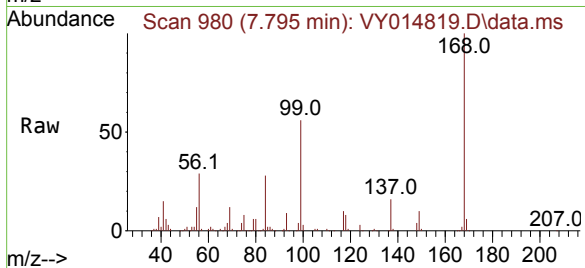




#31  
Cyclohexane  
Concen: 17.220 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.018 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

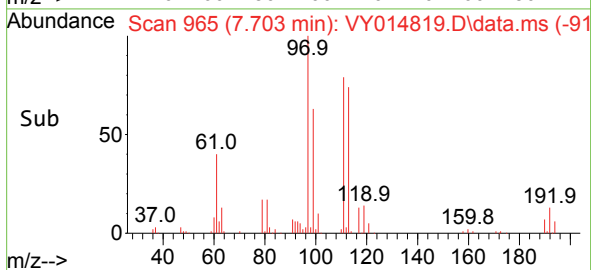
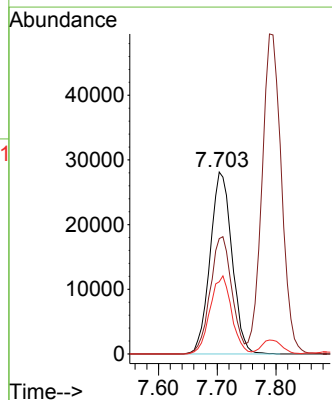
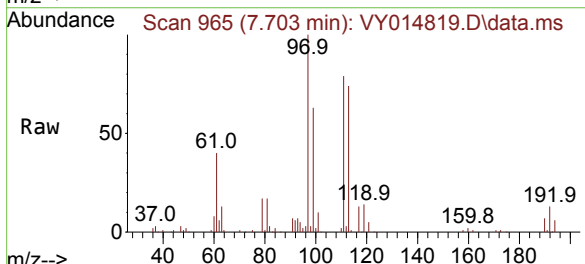
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

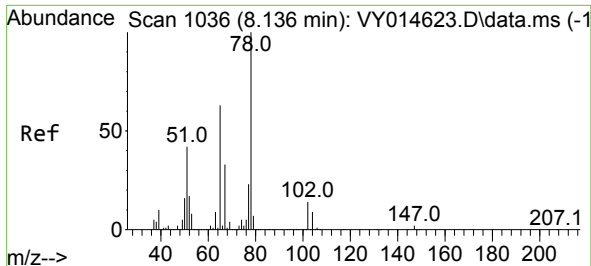
Tgt Ion: 56 Resp: 66539  
Ion Ratio Lower Upper  
56 100  
69 41.2 27.8 41.6  
84 92.9 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 18.886 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 97 Resp: 72830  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.8 76.2  
61 42.2 35.1 52.7

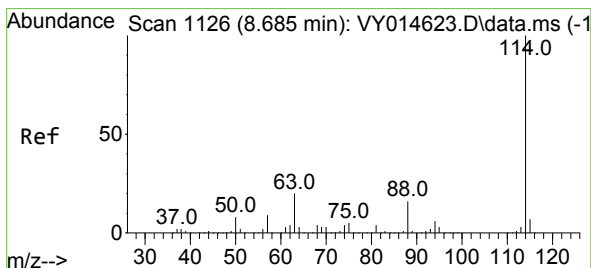
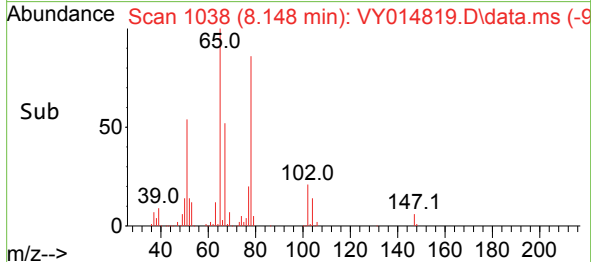
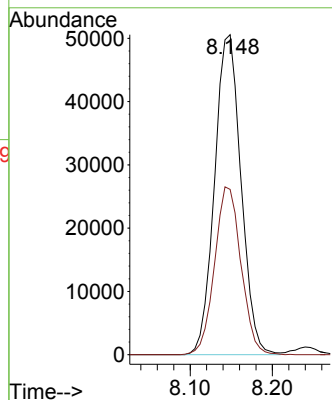
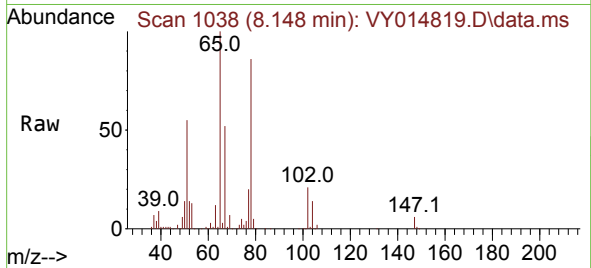




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.545 ug/l  
 RT: 8.148 min Scan# 113003  
 Delta R.T. 0.012 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

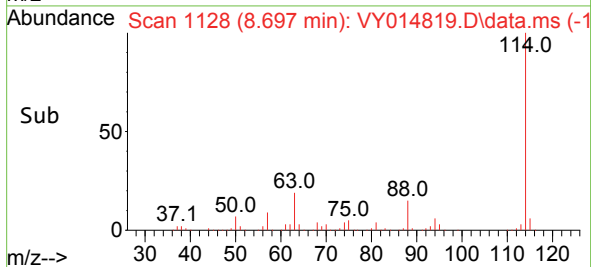
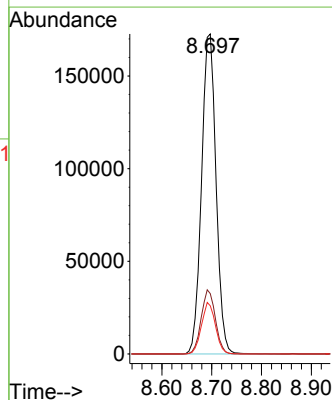
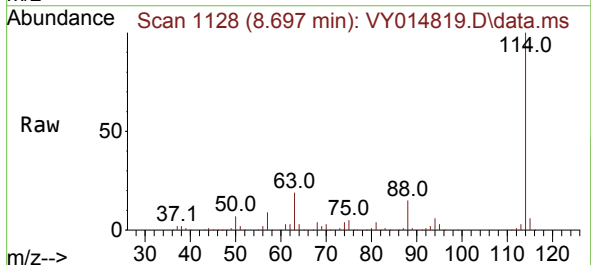
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

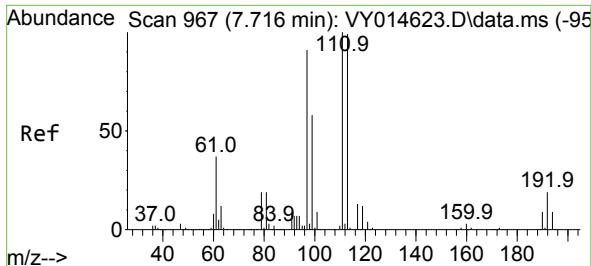
Tgt Ion: 65 Resp: 113003  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. 0.012 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

Tgt Ion: 114 Resp: 348113  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 42.4  
 88 15.1 0.0 30.6

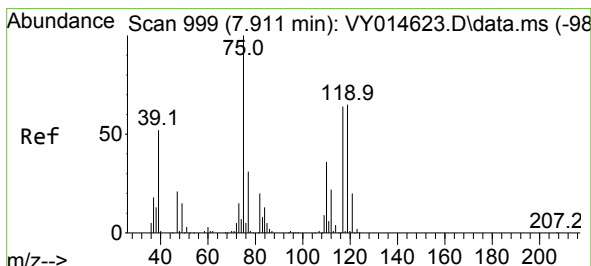
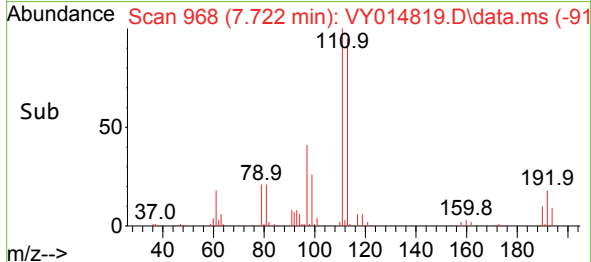
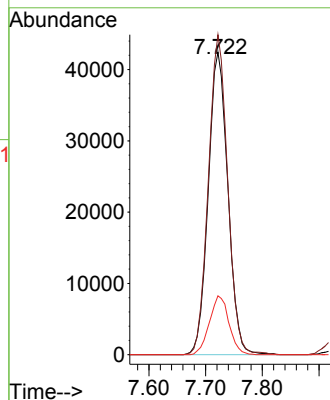
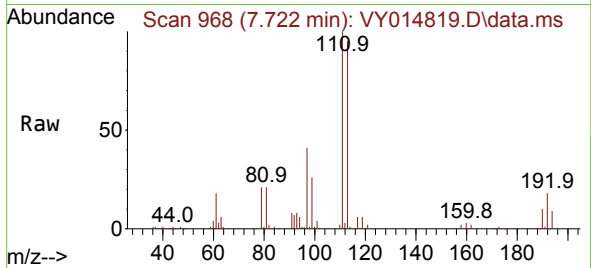




#35  
Dibromofluoromethane  
Concen: 45.970 ug/l  
RT: 7.722 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

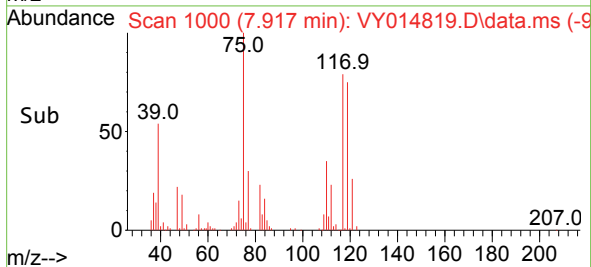
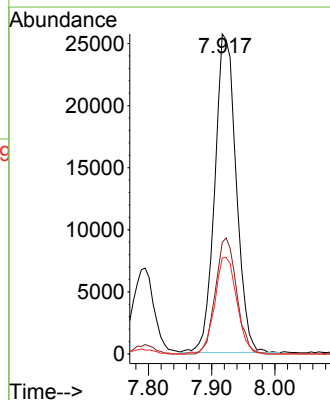
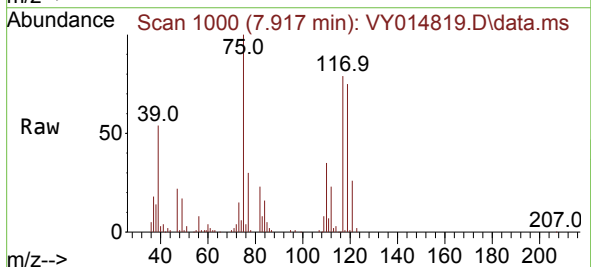
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

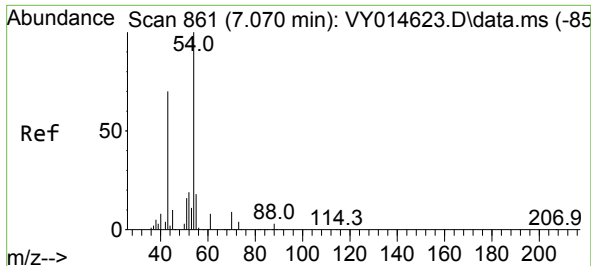
Tgt Ion:113 Resp: 101869  
Ion Ratio Lower Upper  
113 100  
111 104.2 81.3 121.9  
192 19.4 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 18.148 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 75 Resp: 60142  
Ion Ratio Lower Upper  
75 100  
110 36.0 17.8 53.5  
77 31.4 24.4 36.6

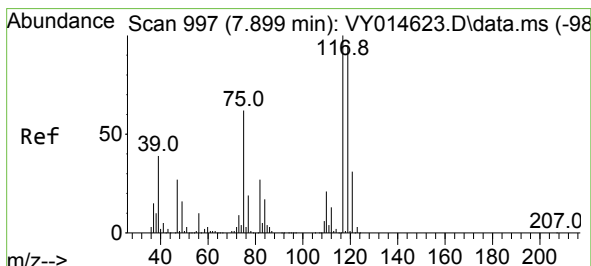
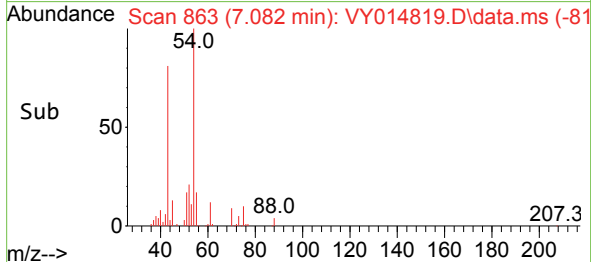
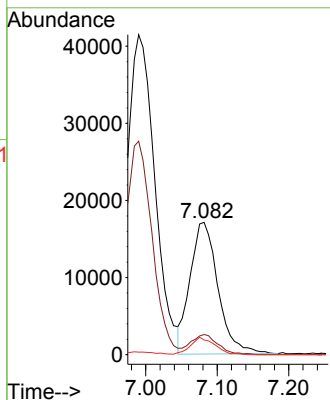
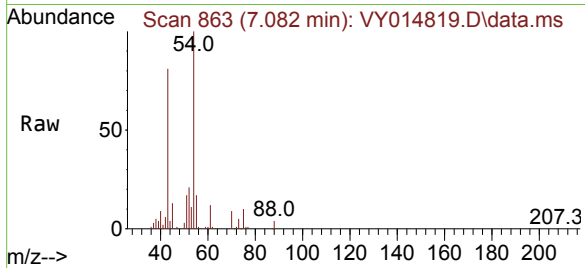




#37  
Ethyl Acetate  
Concen: 20.287 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

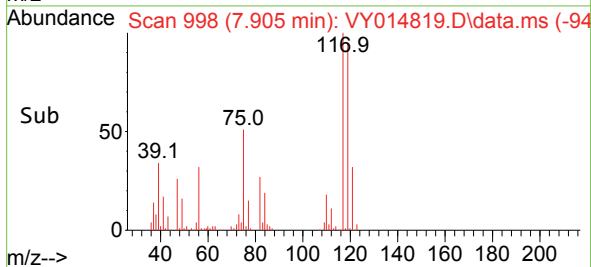
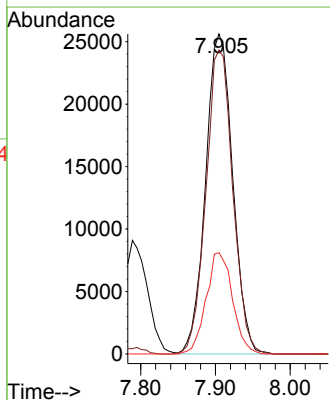
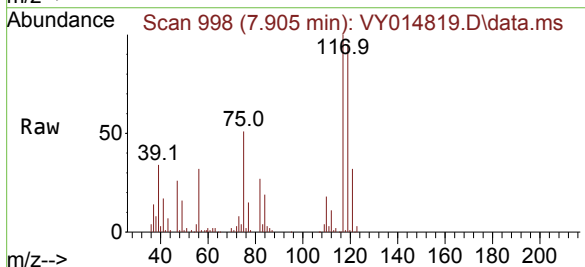
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

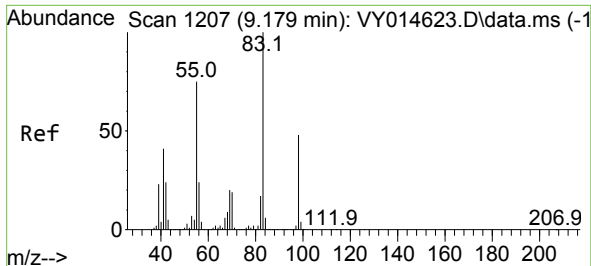
Tgt Ion: 43 Resp: 46289  
Ion Ratio Lower Upper  
43 100  
61 15.3 10.1 15.1#  
70 11.4 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 18.456 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 117 Resp: 64653  
Ion Ratio Lower Upper  
117 100  
119 94.9 76.4 114.6  
121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 17.009 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

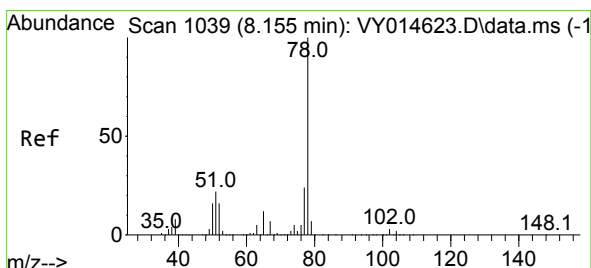
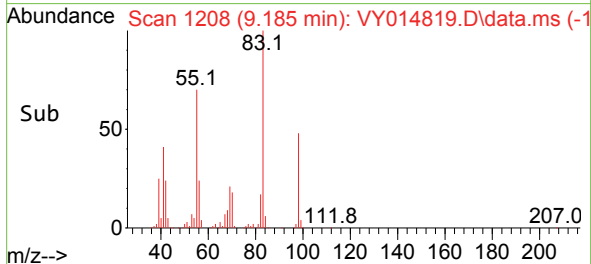
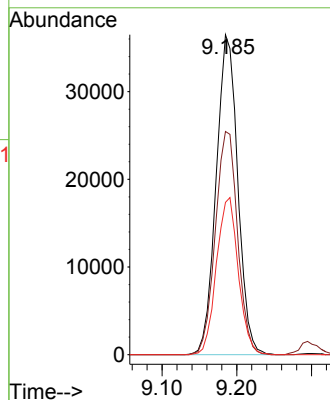
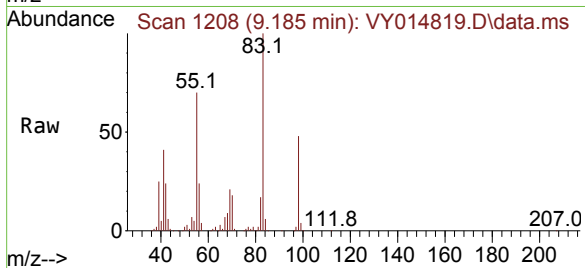
Tgt Ion: 83 Resp: 73437

Ion Ratio Lower Upper

83 100

55 69.8 63.0 94.4

98 47.6 37.4 56.2



#40

Benzene

Concen: 18.999 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY014819.D

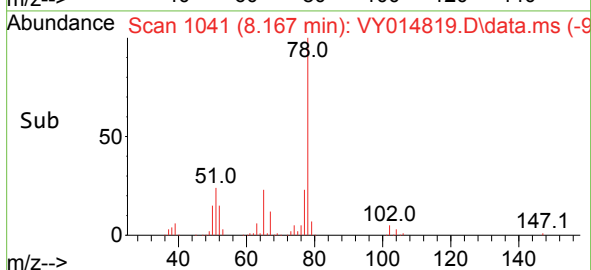
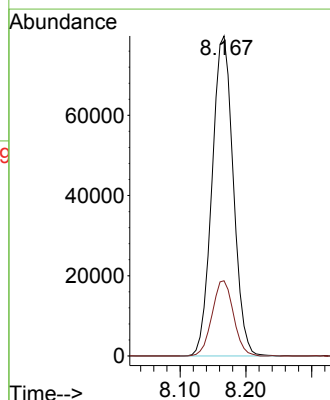
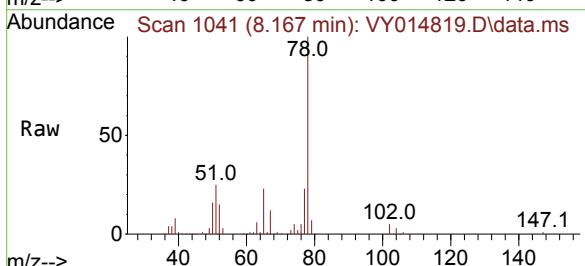
Acq: 25 Jul 2023 22:49

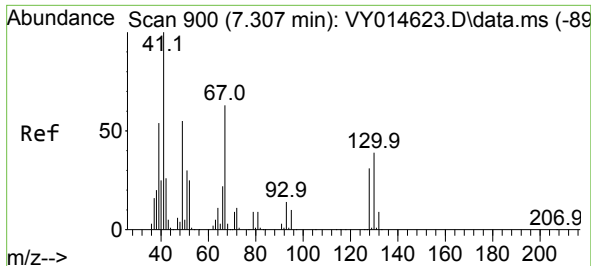
Tgt Ion: 78 Resp: 179068

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

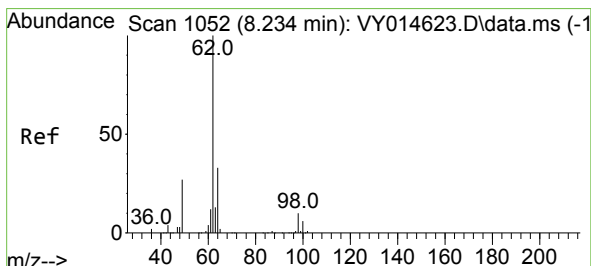
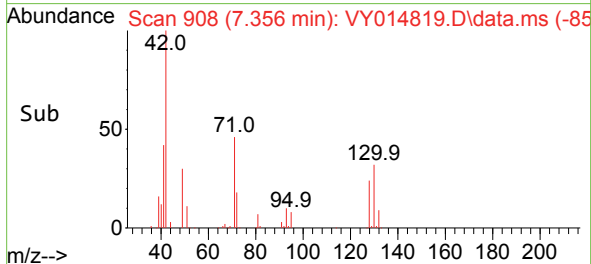
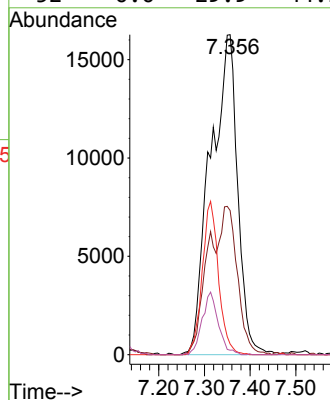
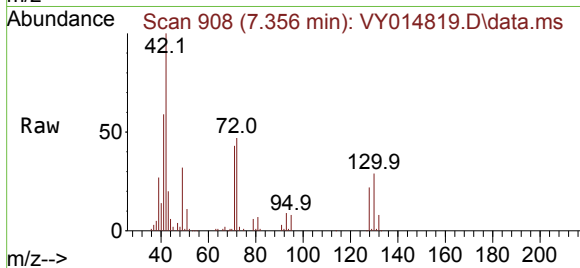




#41  
Methacrylonitrile  
Concen: 56.977 ug/l  
RT: 7.356 min Scan# 90  
Delta R.T. 0.049 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

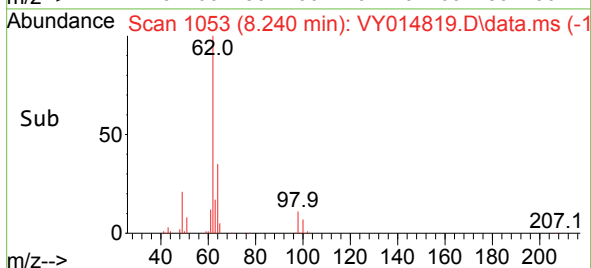
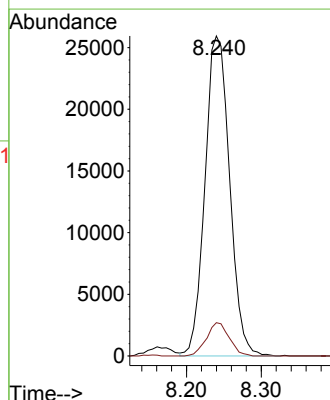
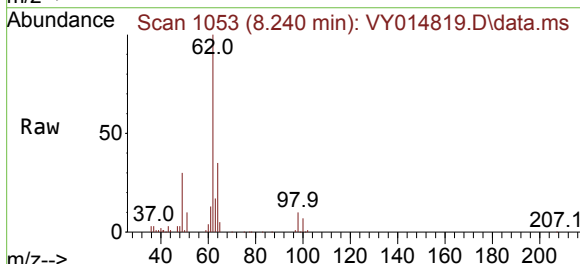
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

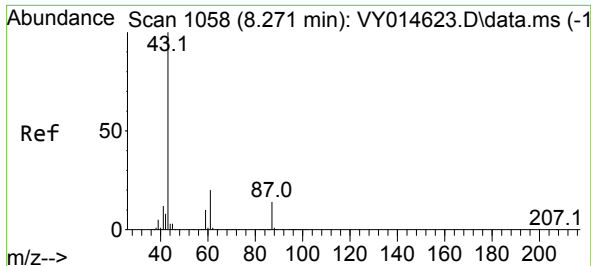
Tgt Ion: 41 Resp: 66867  
Ion Ratio Lower Upper  
41 100  
39 30.6 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 19.906 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 62 Resp: 59412  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 15.8

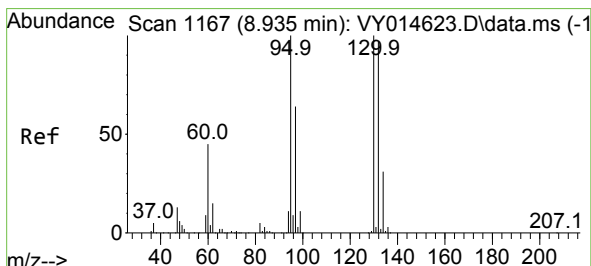
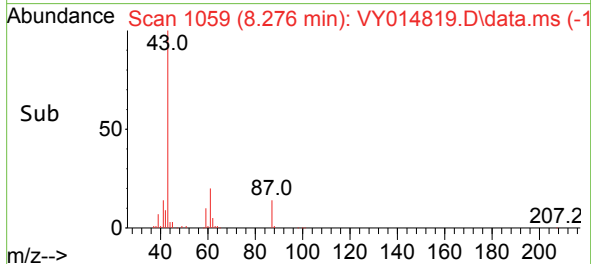
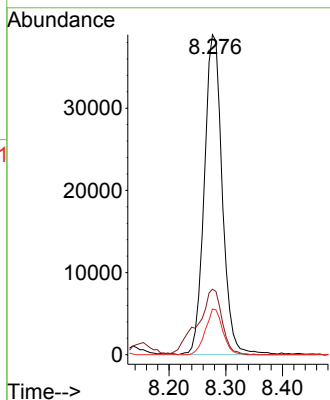
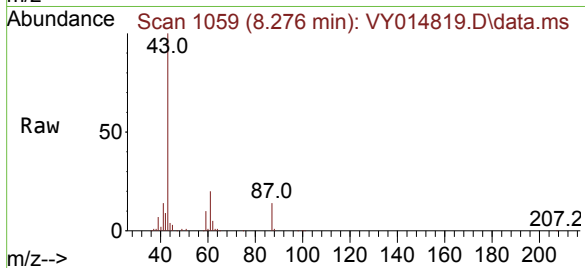




#43  
Isopropyl Acetate  
Concen: 19.712 ug/l  
RT: 8.276 min Scan# 1059  
Delta R.T. 0.005 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

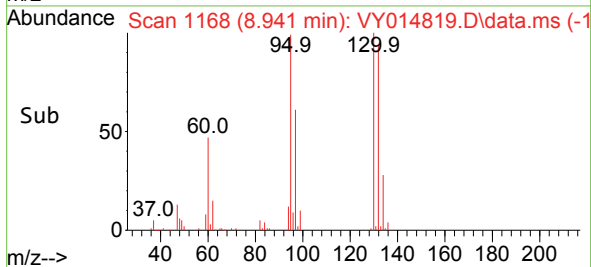
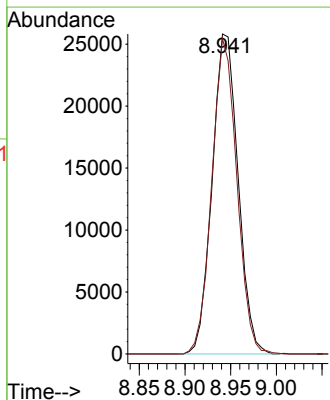
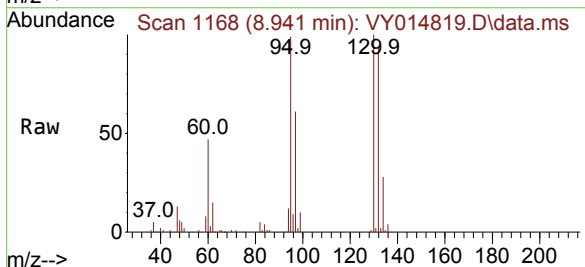
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

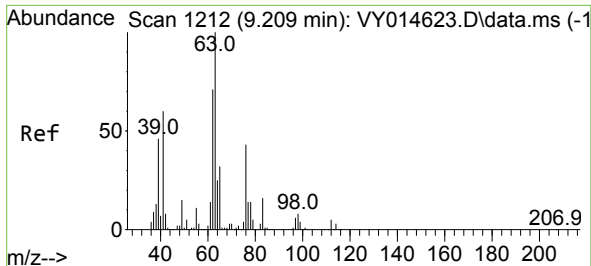
Tgt Ion: 43 Resp: 85676  
Ion Ratio Lower Upper  
43 100  
61 27.7 21.1 31.7  
87 13.8 9.8 14.8



#44  
Trichloroethene  
Concen: 19.296 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 130 Resp: 50885  
Ion Ratio Lower Upper  
130 100  
95 98.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.712 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

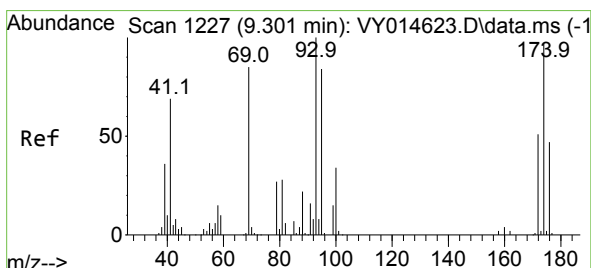
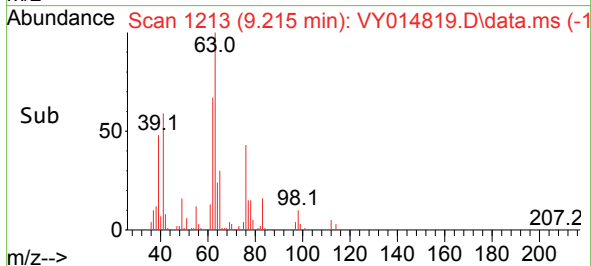
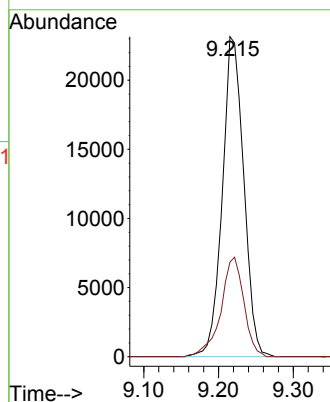
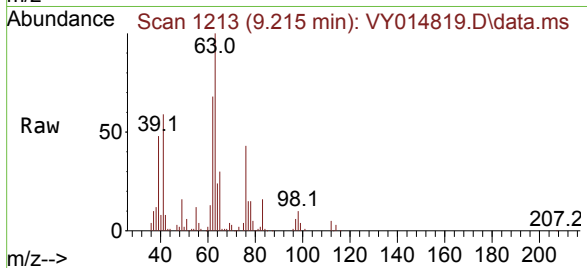
VY0725SBS02

Tgt Ion: 63 Resp: 46052

Ion Ratio Lower Upper

63 100

65 29.6 23.8 35.6



#46

Dibromomethane

Concen: 20.332 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

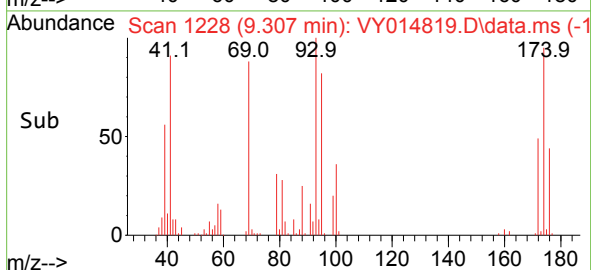
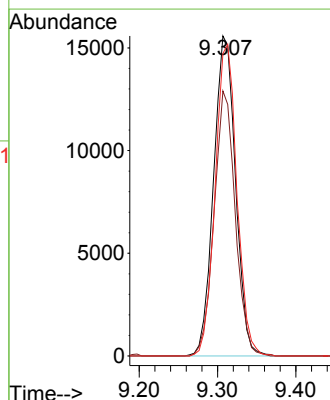
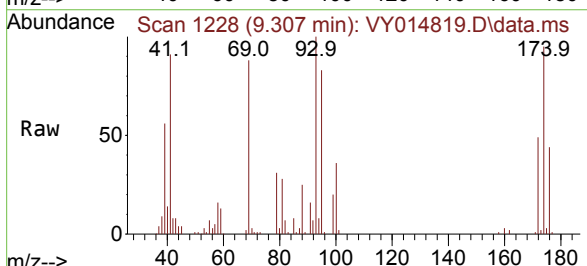
Tgt Ion: 93 Resp: 30356

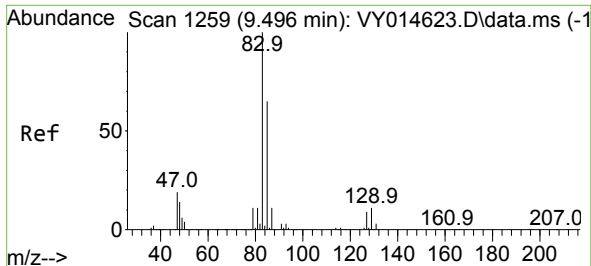
Ion Ratio Lower Upper

93 100

95 79.7 66.6 100.0

174 96.3 84.8 127.2

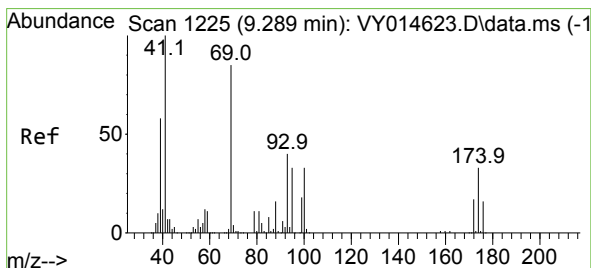
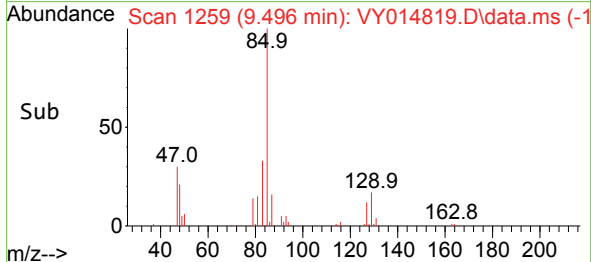
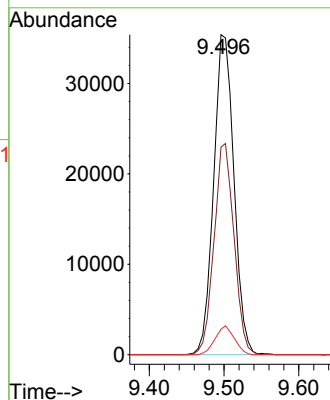
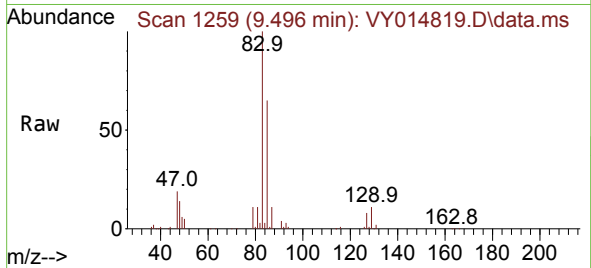




#47  
Bromodichloromethane  
Concen: 19.000 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

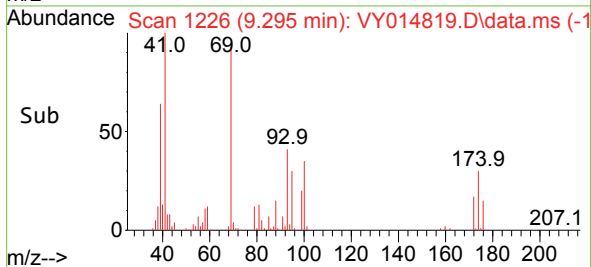
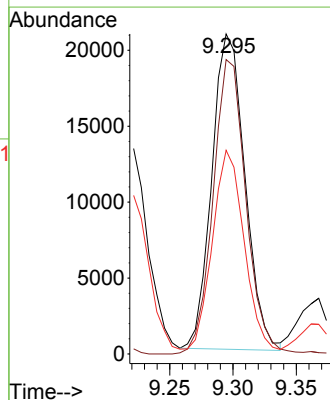
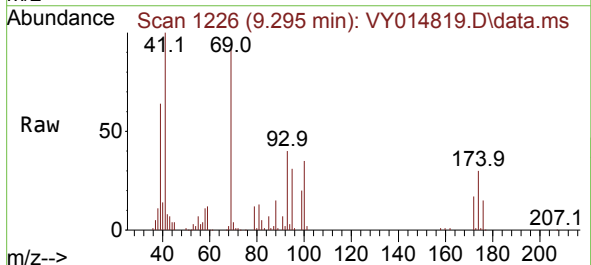
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

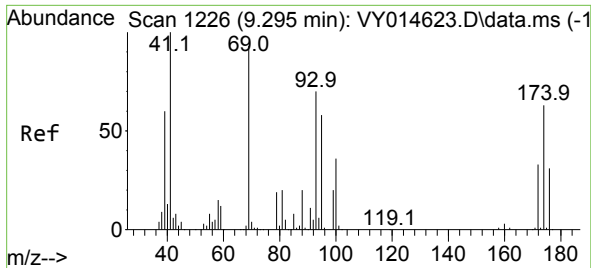
Tgt Ion: 83 Resp: 66860  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.1 75.1  
127 7.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.325 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 41 Resp: 37795  
Ion Ratio Lower Upper  
41 100  
69 93.0 64.5 96.7  
39 63.2 50.8 76.2

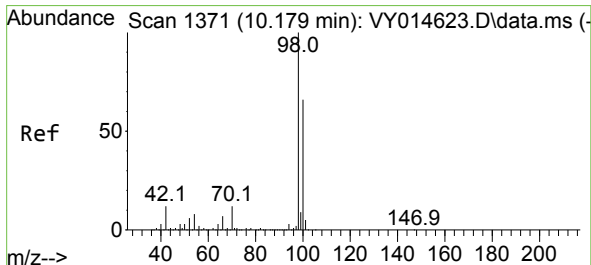
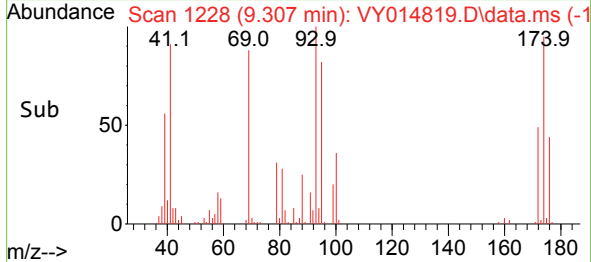
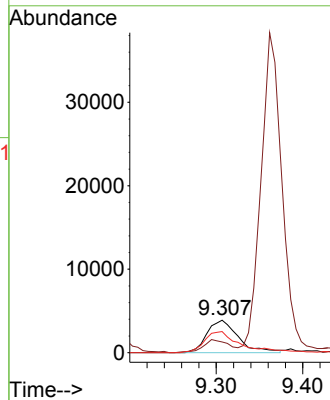
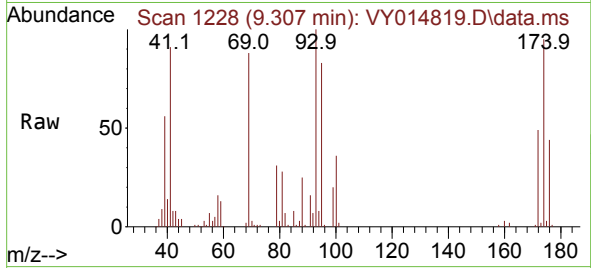




#49  
1,4-Dioxane  
Concen: 401.846 ug/l  
RT: 9.307 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

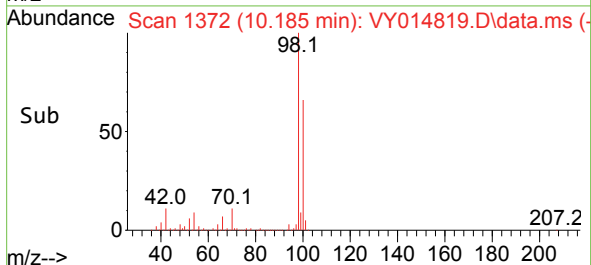
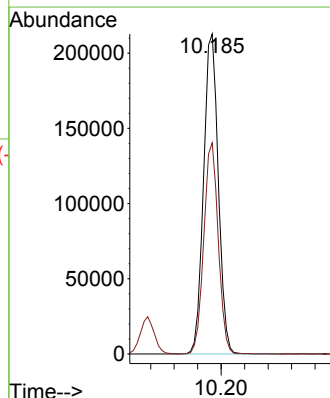
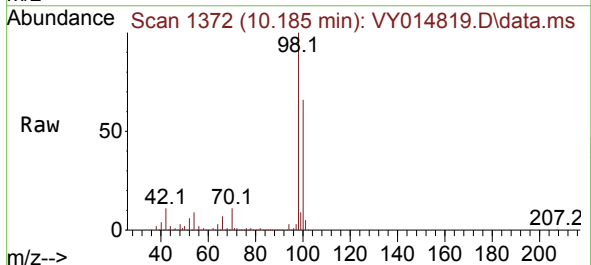
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

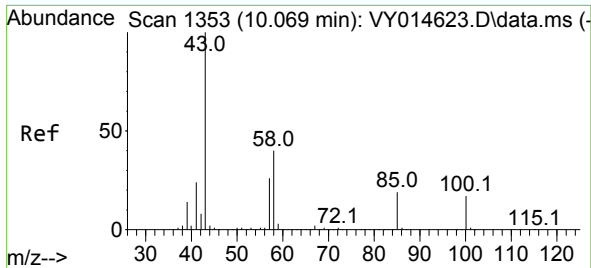
Tgt Ion: 88 Resp: 9783  
Ion Ratio Lower Upper  
88 100  
43 33.4 0.0 0.0#  
58 75.8 30.9 46.3#



#50  
Toluene-d8  
Concen: 45.205 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 98 Resp: 369322  
Ion Ratio Lower Upper  
98 100  
100 64.8 50.1 75.1

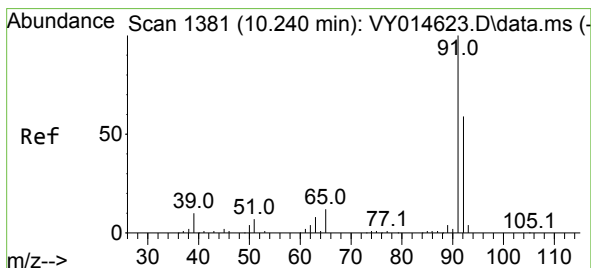
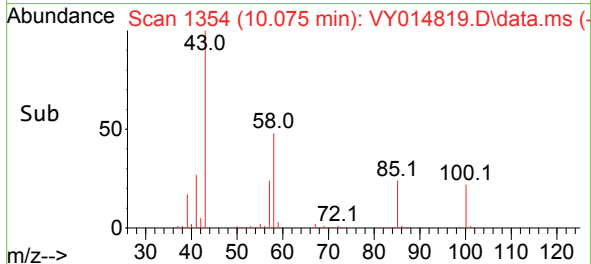
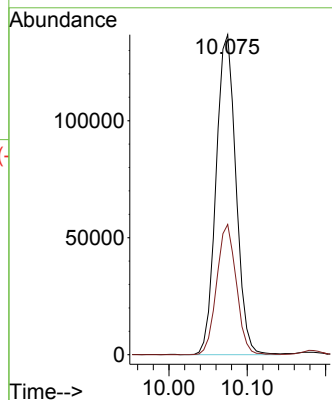
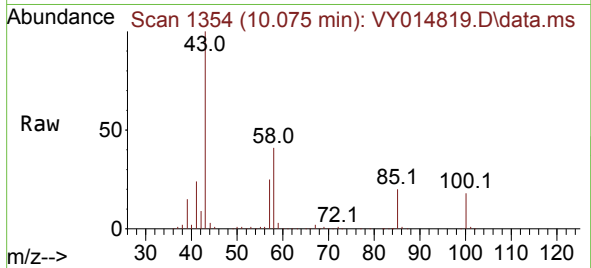




#51  
4-Methyl-2-Pentanone  
Concen: 105.742 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

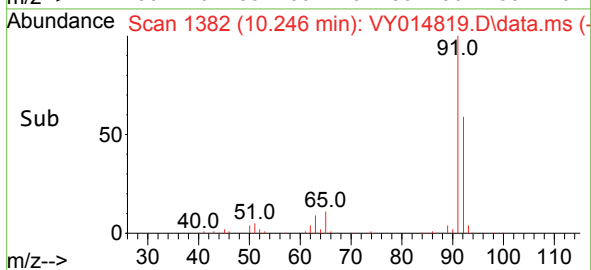
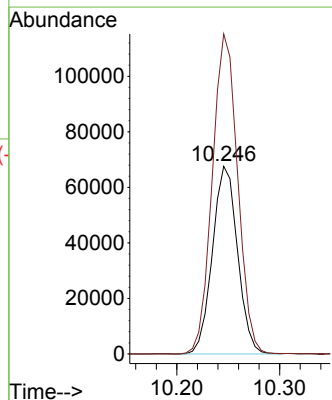
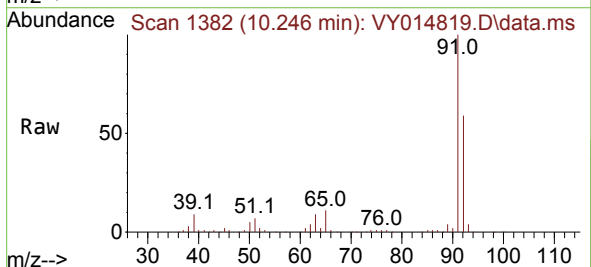
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

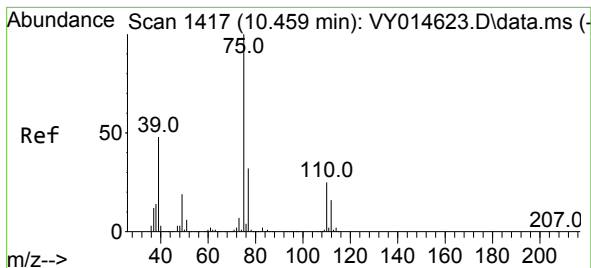
Tgt Ion: 43 Resp: 241306  
Ion Ratio Lower Upper  
43 100  
58 40.2 29.0 43.6



#52  
Toluene  
Concen: 18.996 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 92 Resp: 114568  
Ion Ratio Lower Upper  
92 100  
91 172.7 143.8 215.6

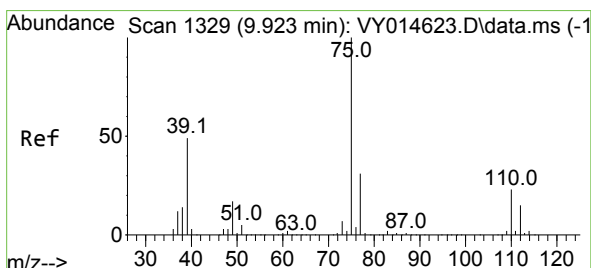
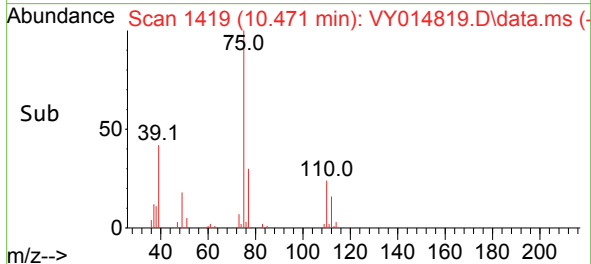
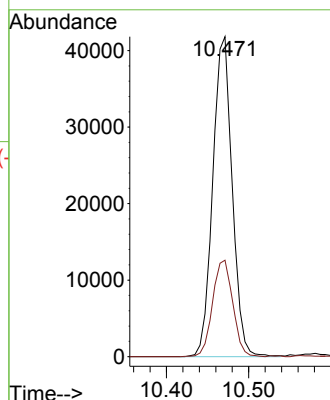
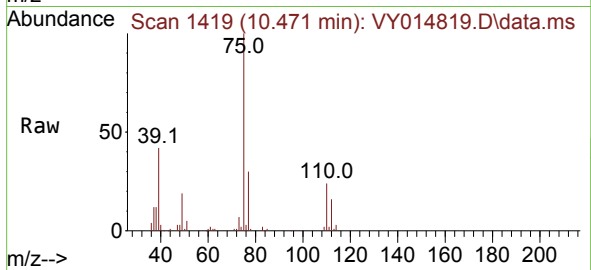




#53  
t-1,3-Dichloropropene  
Concen: 17.783 ug/l  
RT: 10.471 min Scan# 1417  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

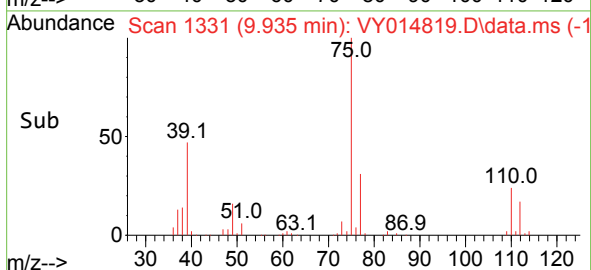
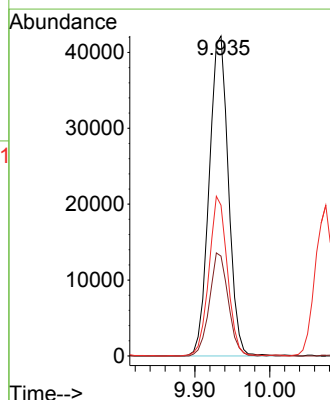
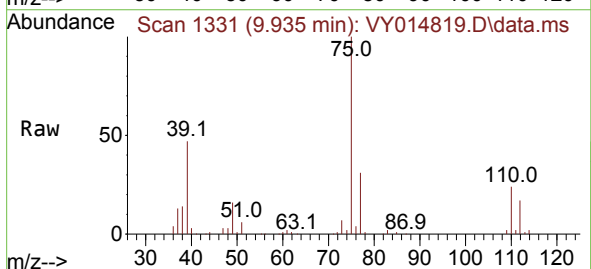
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBSD02

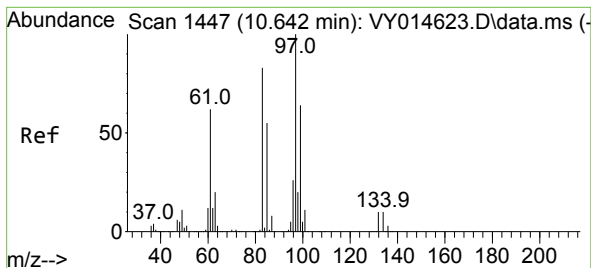
Tgt Ion: 75 Resp: 68450  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 17.975 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.012 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 75 Resp: 75241  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.2 36.4  
39 47.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.197 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

Tgt Ion: 97 Resp: 42005

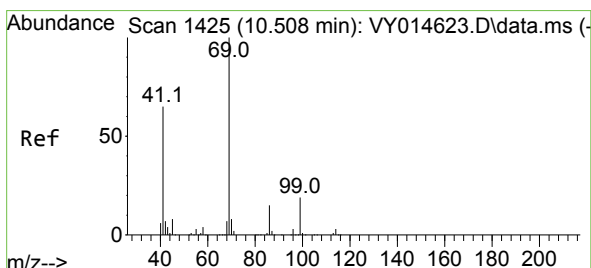
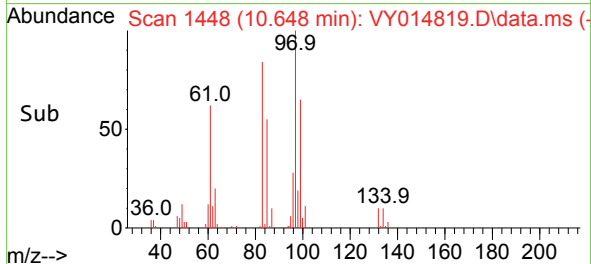
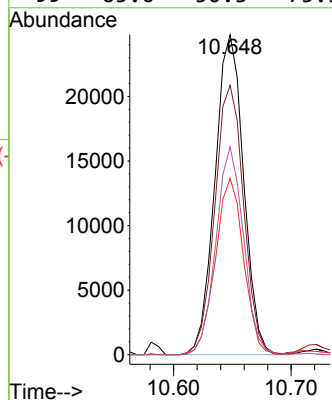
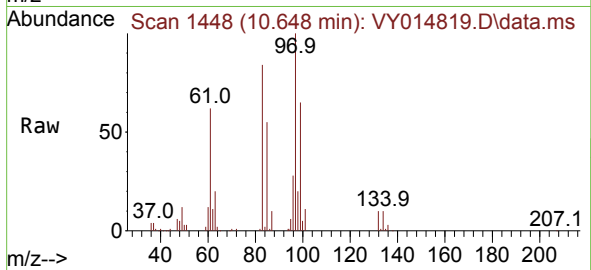
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 55.0 45.4 68.0

99 65.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.168 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

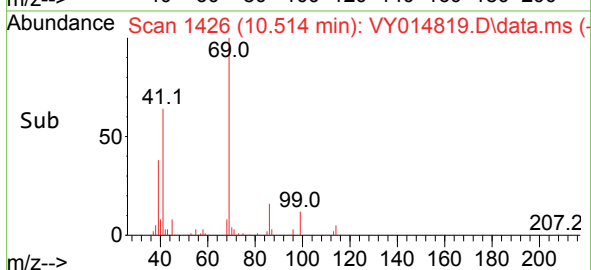
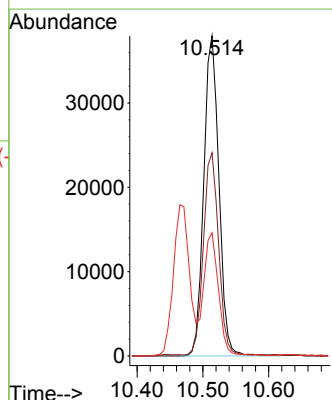
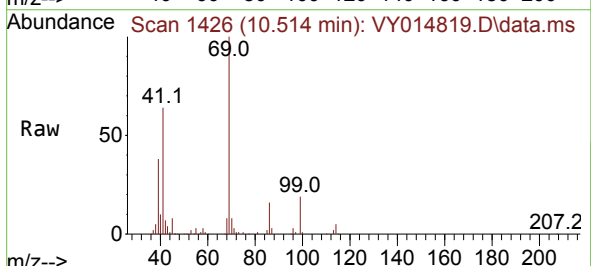
Tgt Ion: 69 Resp: 60867

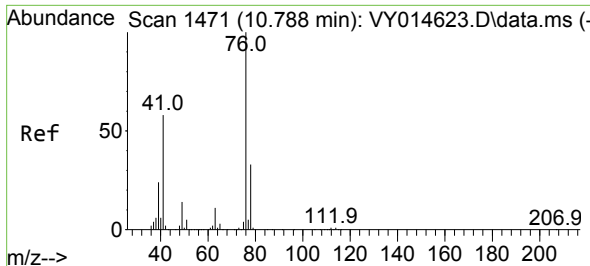
Ion Ratio Lower Upper

69 100

41 63.1 57.6 86.4

39 37.3 34.1 51.1

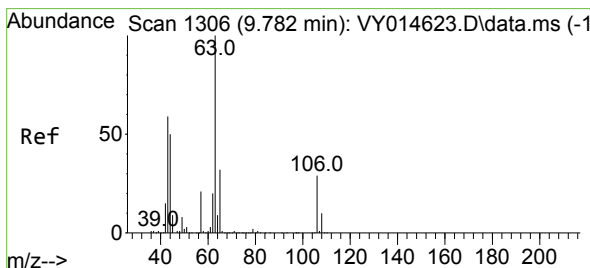
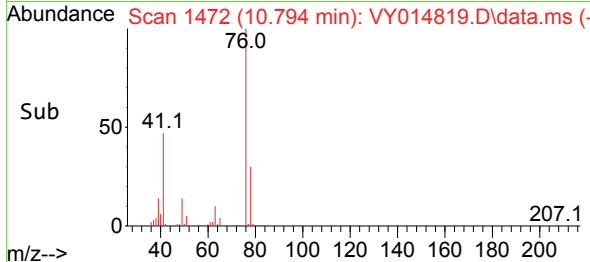
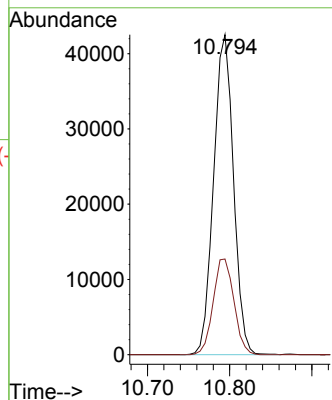
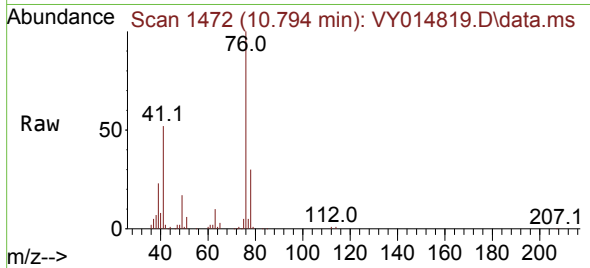




#57  
1,3-Dichloropropane  
Concen: 19.887 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

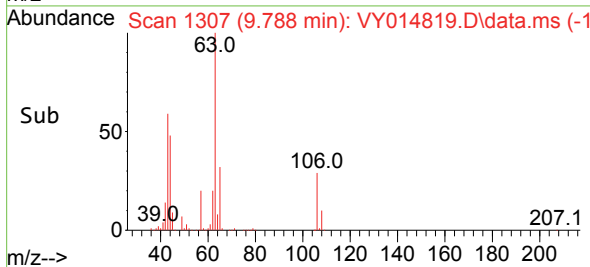
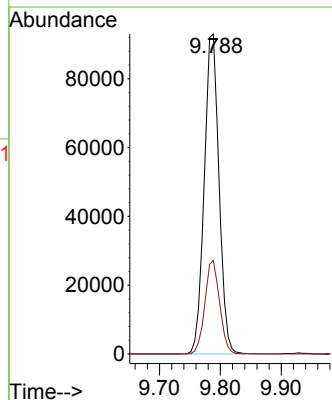
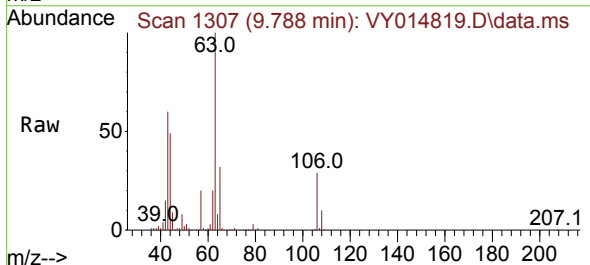
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBSD02

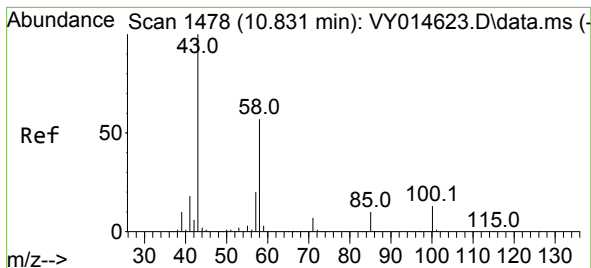
Tgt Ion: 76 Resp: 71336  
Ion Ratio Lower Upper  
76 100  
78 31.2 25.3 37.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 106.079 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 63 Resp: 156950  
Ion Ratio Lower Upper  
63 100  
106 29.1 21.2 31.8

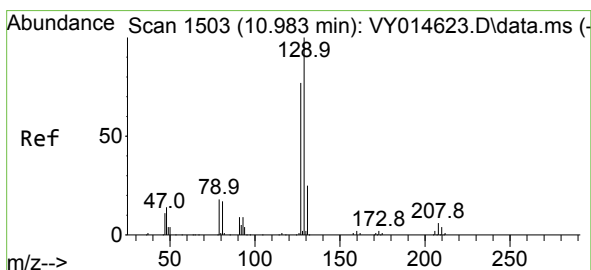
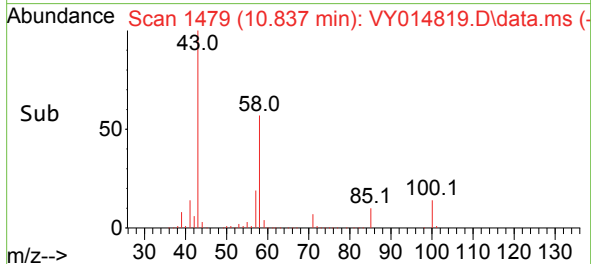
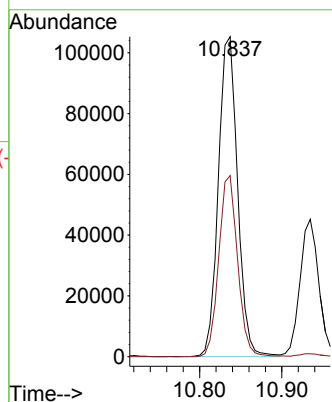
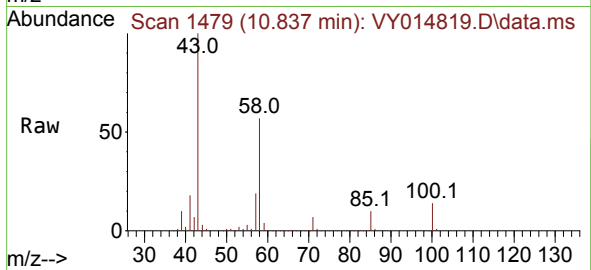




#59  
2-Hexanone  
Concen: 102.970 ug/l  
RT: 10.837 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

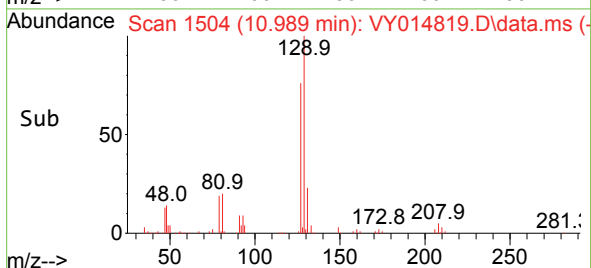
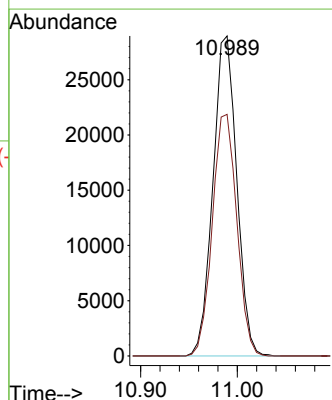
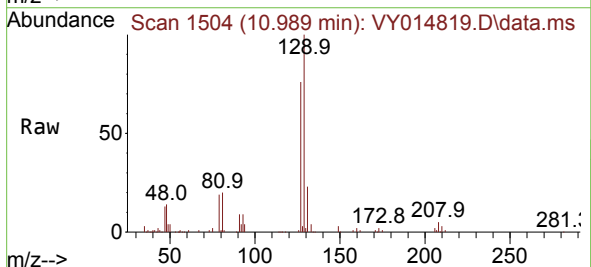
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

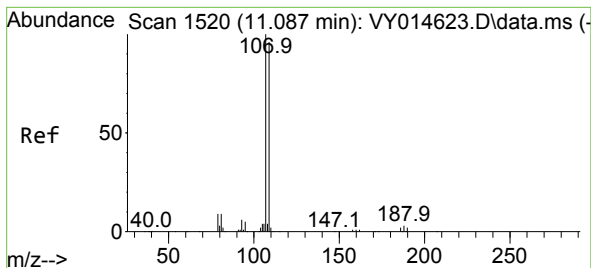
Tgt Ion: 43 Resp: 171361  
Ion Ratio Lower Upper  
43 100  
58 55.5 25.1 75.3



#60  
Dibromochloromethane  
Concen: 19.395 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 129 Resp: 49456  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.5 115.5

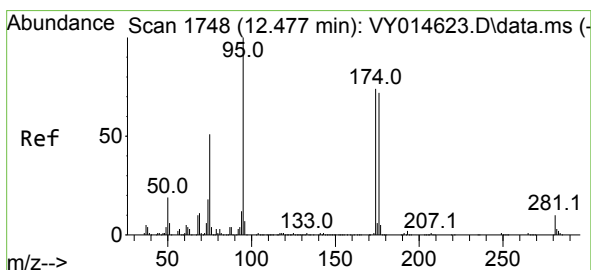
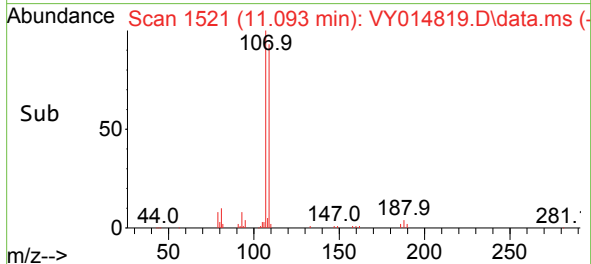
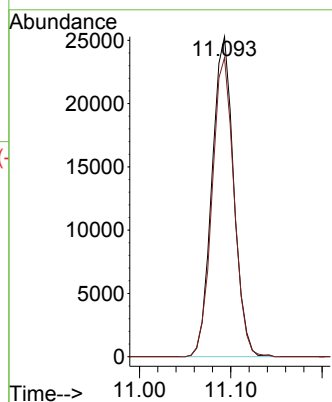
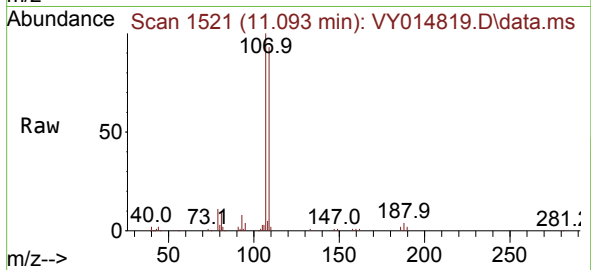




#61  
1,2-Dibromoethane  
Concen: 20.097 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

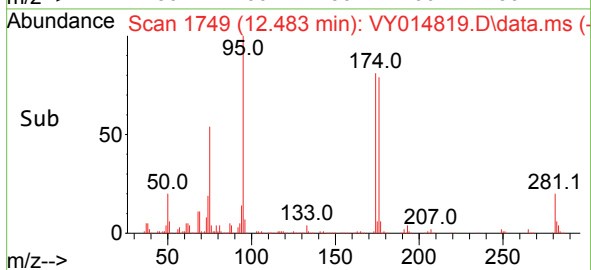
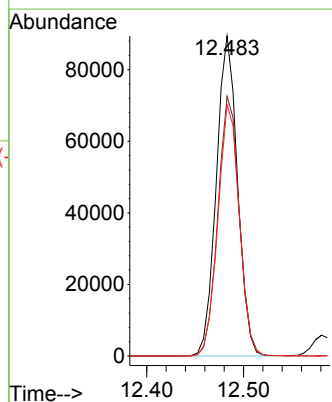
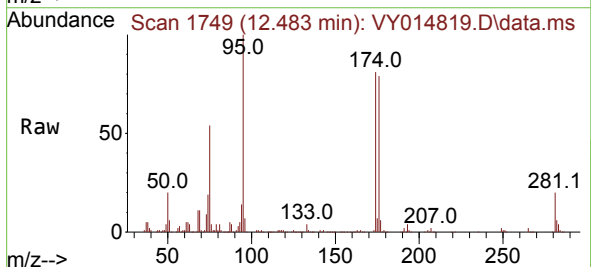
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBSD02

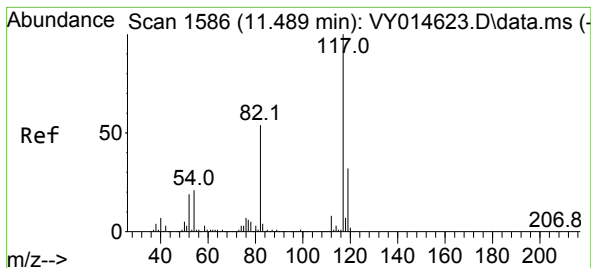
Tgt Ion:107 Resp: 41697  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 43.330 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 95 Resp: 135739  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 178.2  
176 79.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

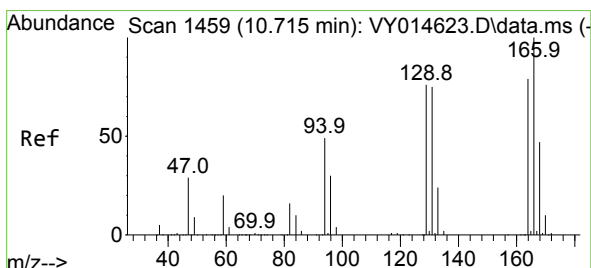
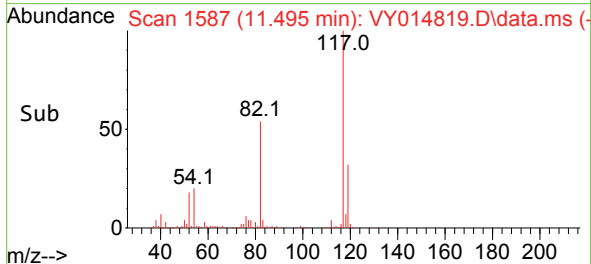
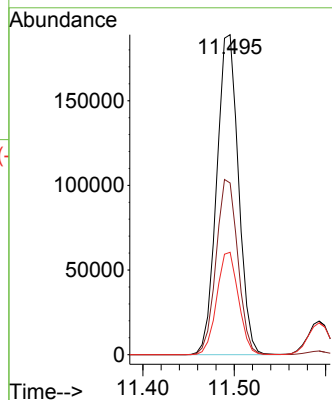
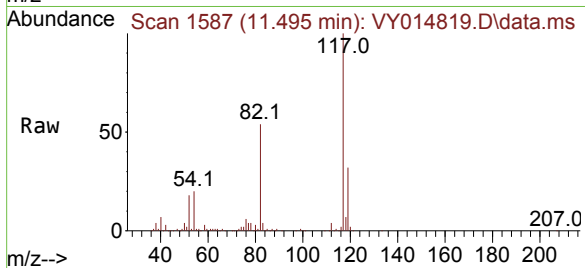
Tgt Ion:117 Resp: 312392

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 20.806 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion:164 Resp: 52273

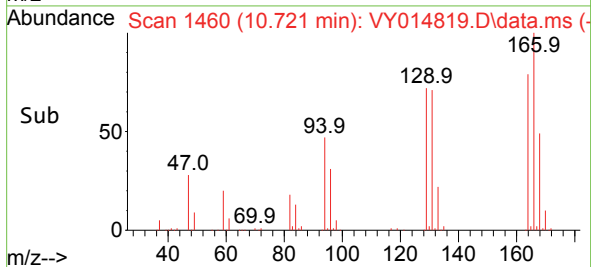
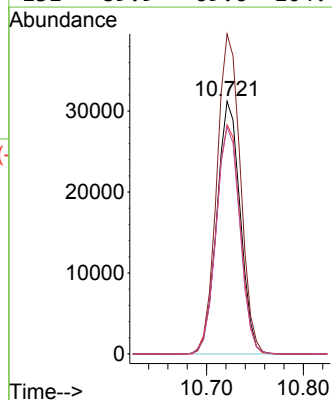
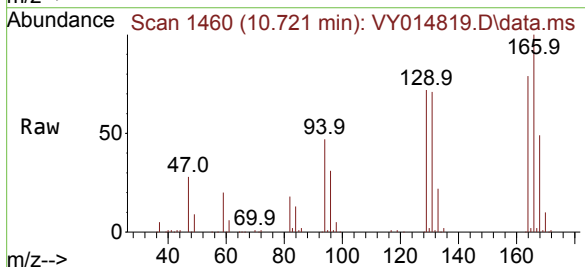
Ion Ratio Lower Upper

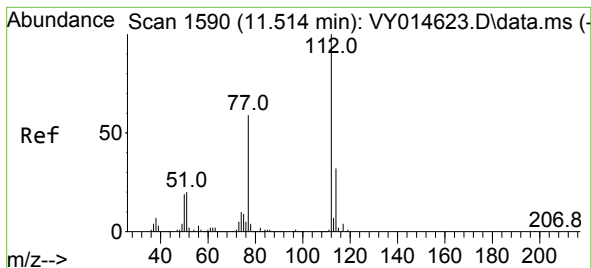
164 100

166 126.7 103.0 154.6

129 90.7 77.2 115.8

131 89.9 69.6 104.4





#65

Chlorobenzene

Concen: 18.943 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

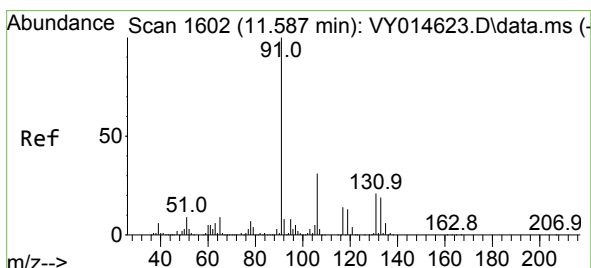
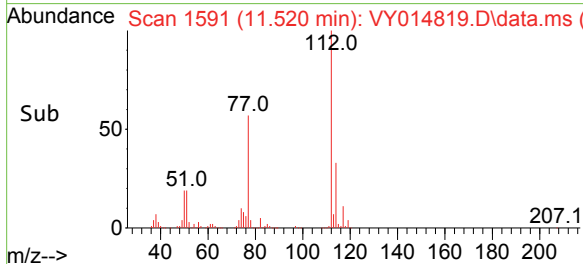
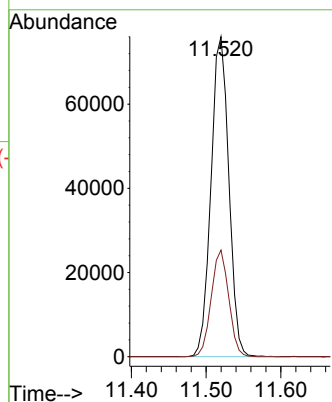
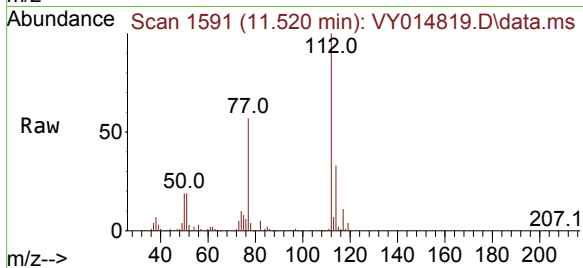
VY0725SBS02

Tgt Ion:112 Resp: 126105

Ion Ratio Lower Upper

112 100

114 33.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.707 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

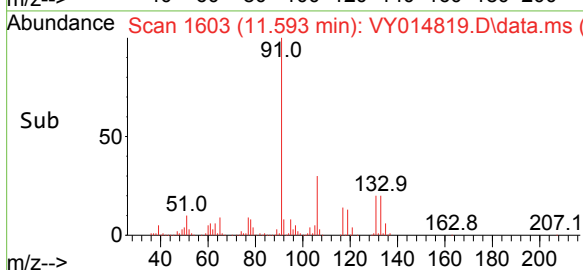
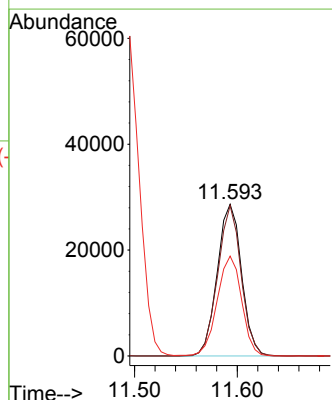
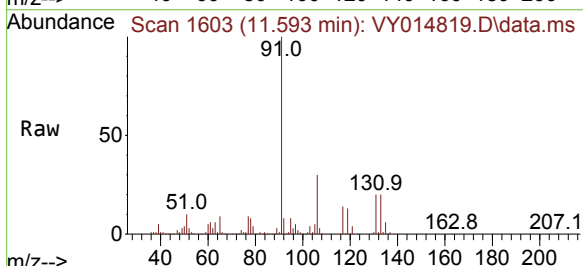
Tgt Ion:131 Resp: 46953

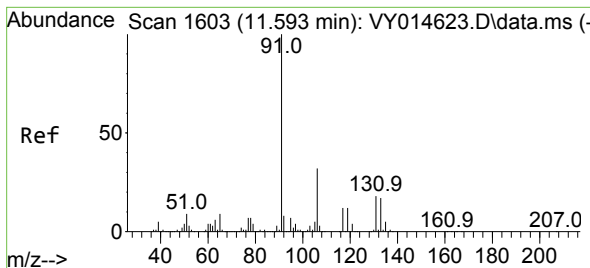
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 18.543 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

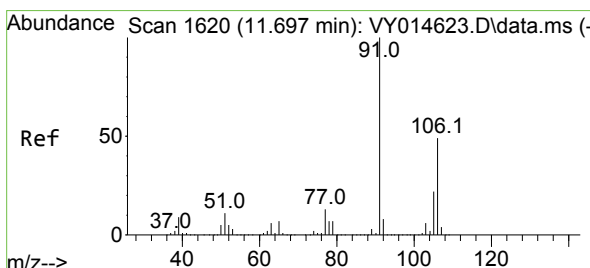
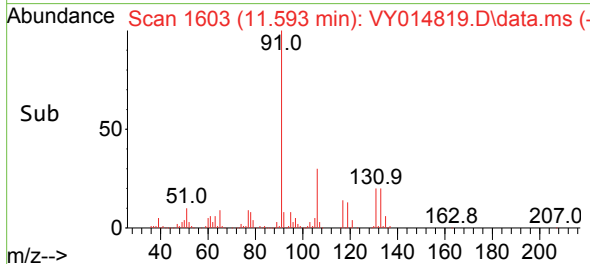
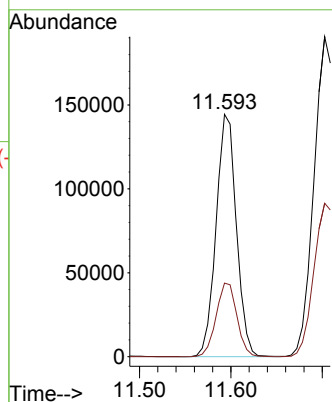
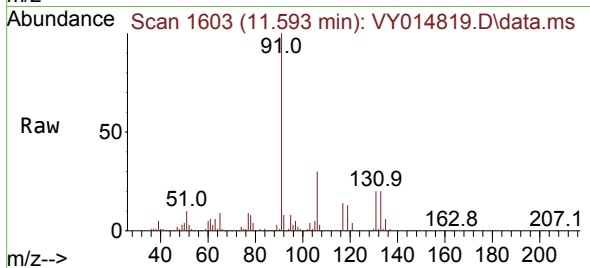
VY0725SBS02

Tgt Ion: 91 Resp: 222872

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 36.677 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014819.D

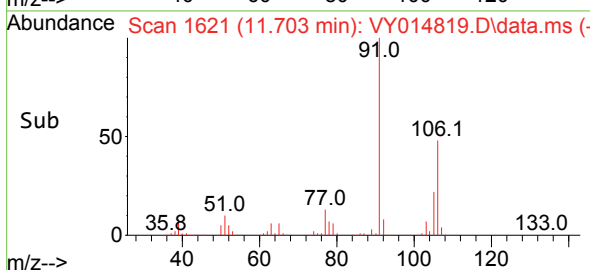
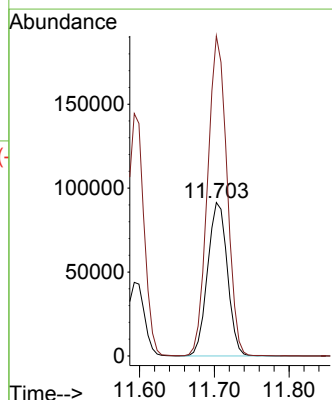
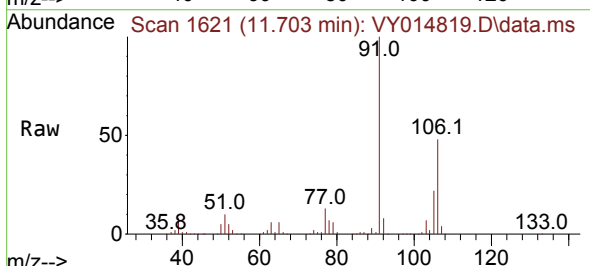
Acq: 25 Jul 2023 22:49

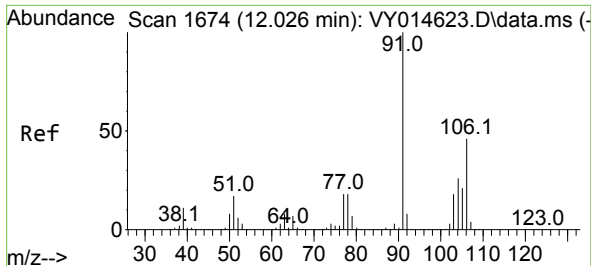
Tgt Ion:106 Resp: 168274

Ion Ratio Lower Upper

106 100

91 203.7 166.1 249.1





#69

o-Xylene

Concen: 18.807 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

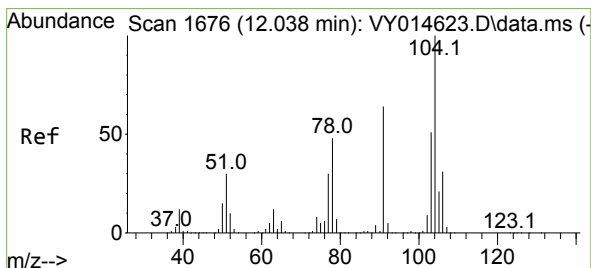
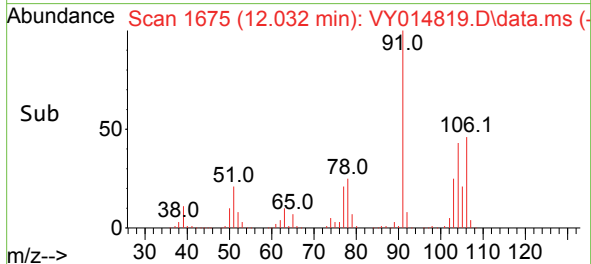
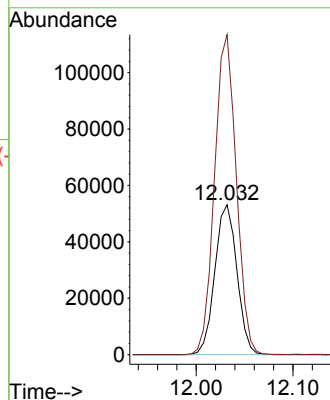
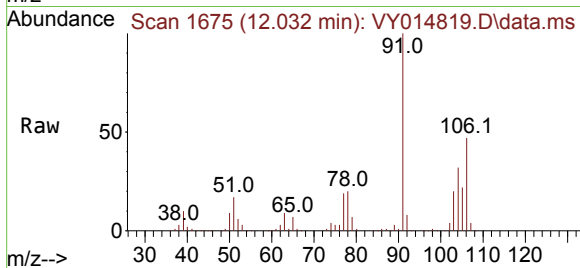
VY0725SBS02

Tgt Ion:106 Resp: 84045

Ion Ratio Lower Upper

106 100

91 211.0 108.1 324.3



#70

Styrene

Concen: 18.505 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

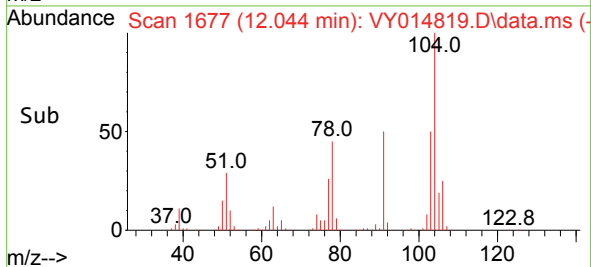
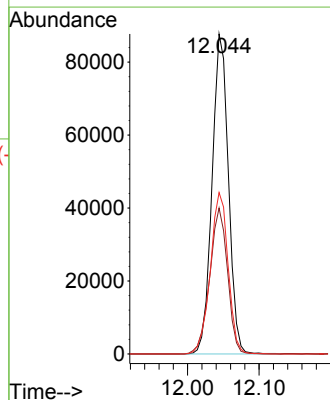
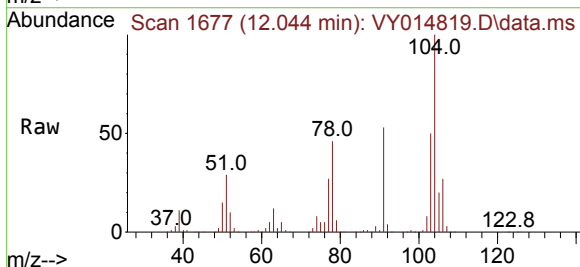
Tgt Ion:104 Resp: 139378

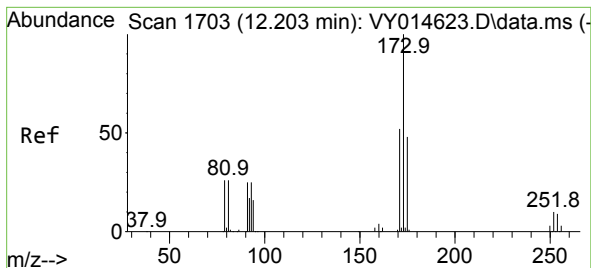
Ion Ratio Lower Upper

104 100

78 49.5 41.5 62.3

103 54.8 44.6 67.0





#71

Bromoform

Concen: 18.868 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBSD02

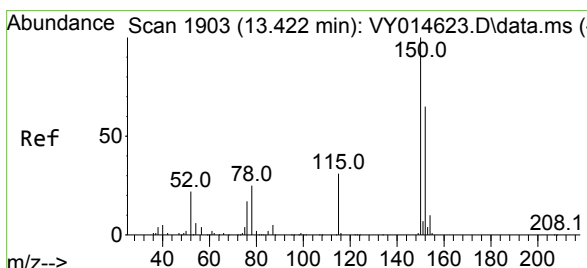
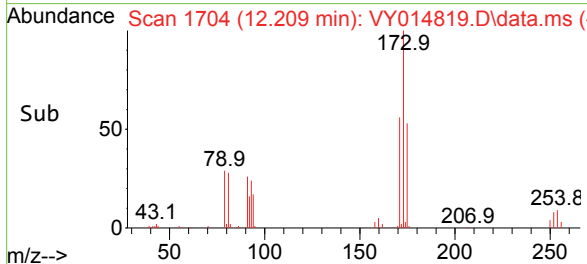
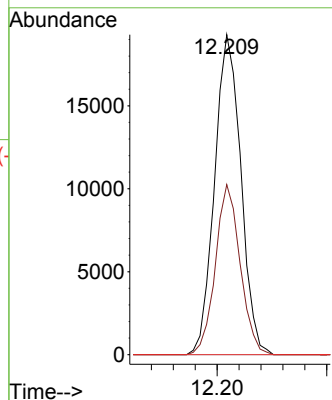
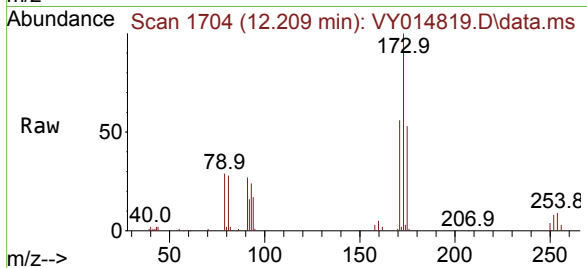
Tgt Ion:173 Resp: 32100

Ion Ratio Lower Upper

173 100

175 50.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

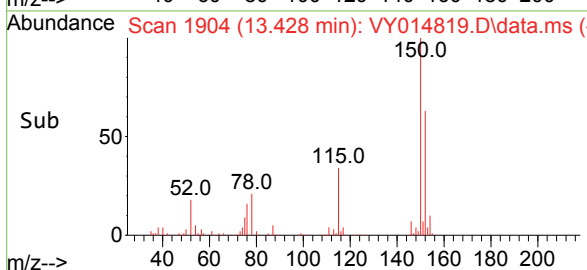
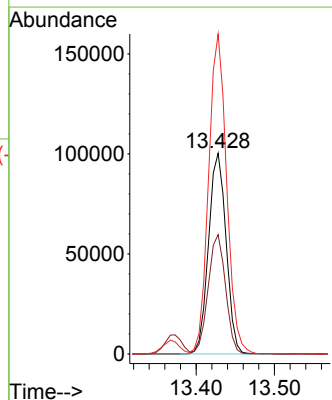
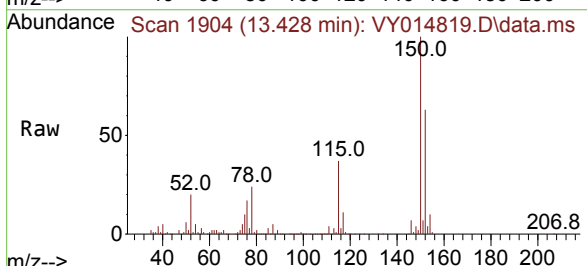
Tgt Ion:152 Resp: 156006

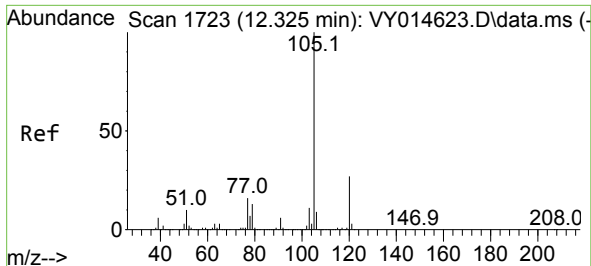
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 163.6 0.0 348.8

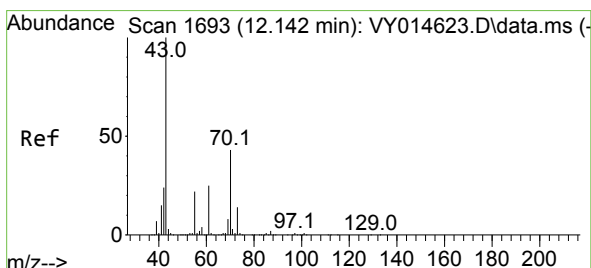
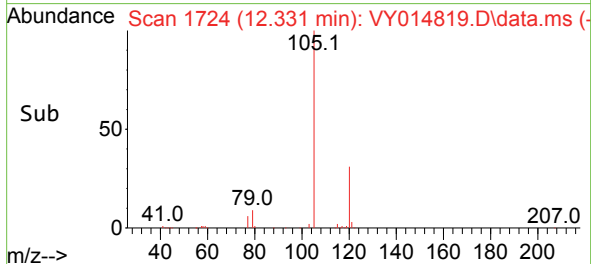
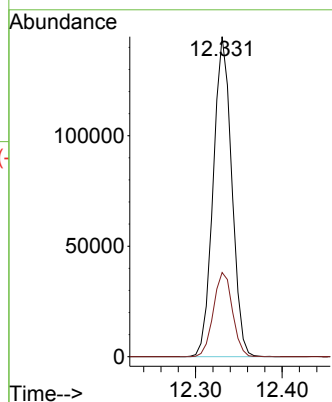
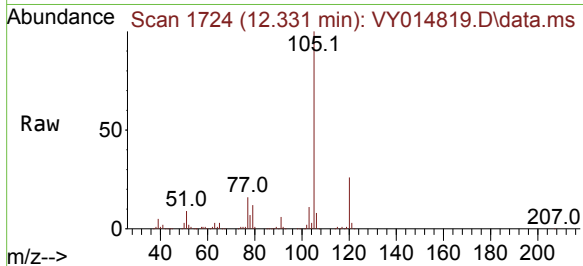




#73  
Isopropylbenzene  
Concen: 17.629 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

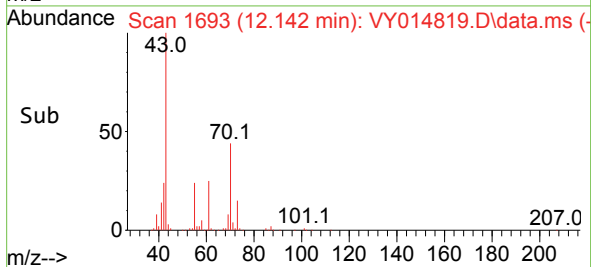
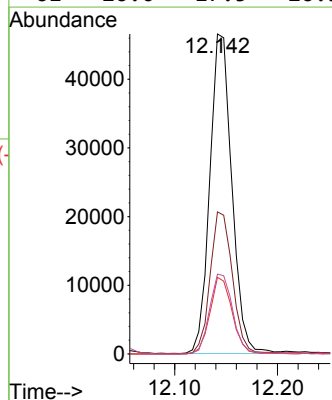
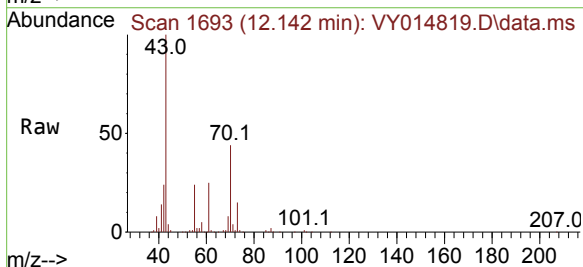
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

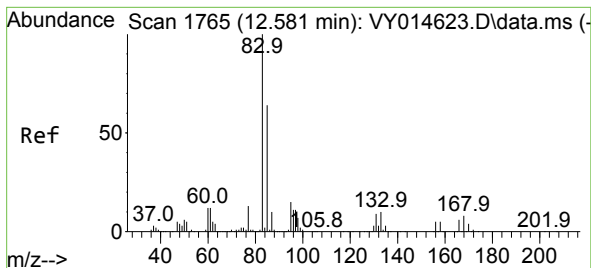
Tgt Ion:105 Resp: 215342  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.3 39.9



#74  
N-ethyl acetate  
Concen: 16.990 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 43 Resp: 69507  
Ion Ratio Lower Upper  
43 100  
70 45.4 29.7 44.5#  
55 24.1 18.3 27.5  
61 26.0 17.5 26.3

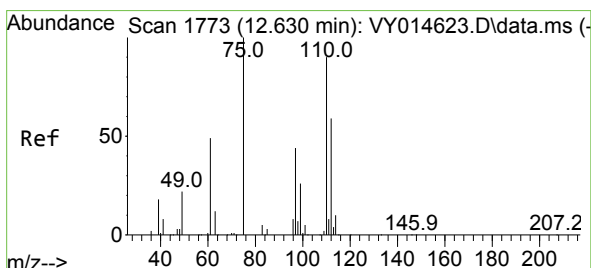
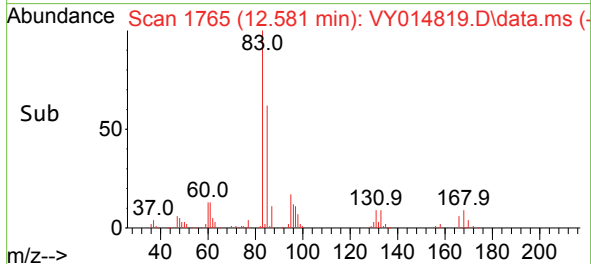
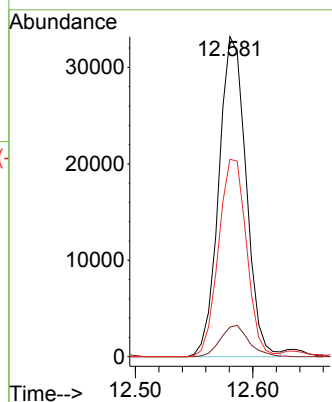
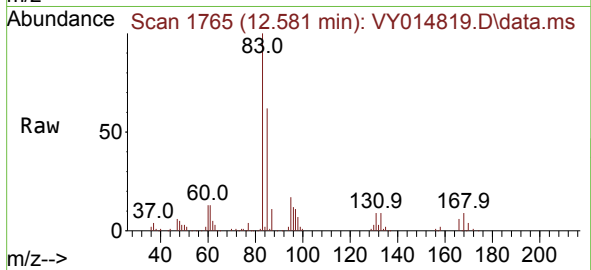




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.230 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

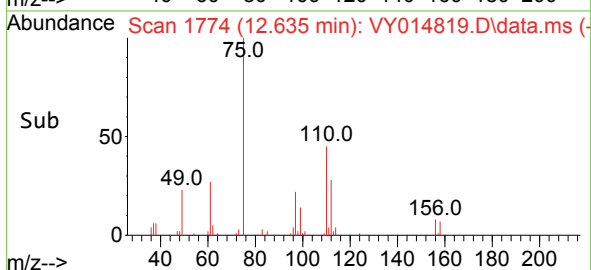
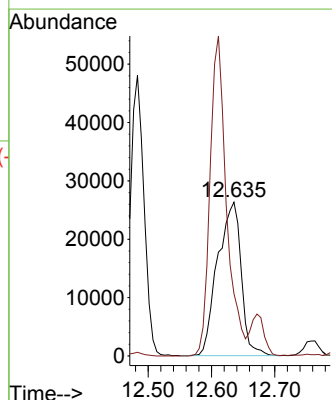
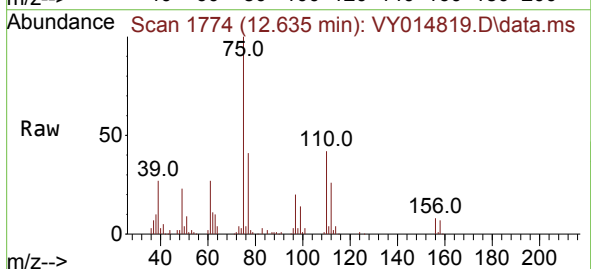
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

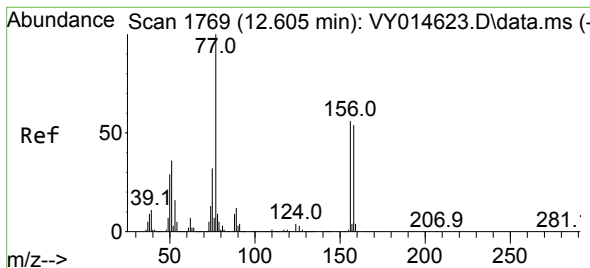
Tgt Ion: 83 Resp: 53569  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.4 16.2  
 85 63.2 31.8 95.4



#76  
 1,2,3-Trichloropropane  
 Concen: 34.514 ug/l  
 RT: 12.635 min Scan# 1774  
 Delta R.T. 0.005 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

Tgt Ion: 75 Resp: 68003  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.840 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

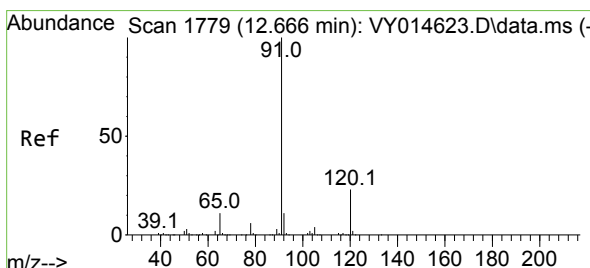
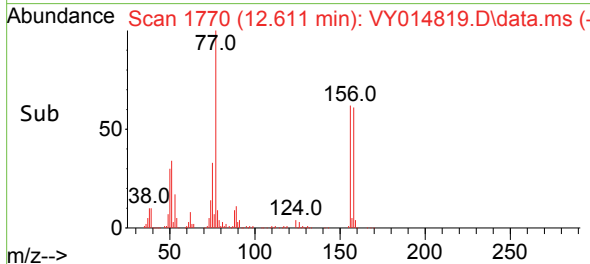
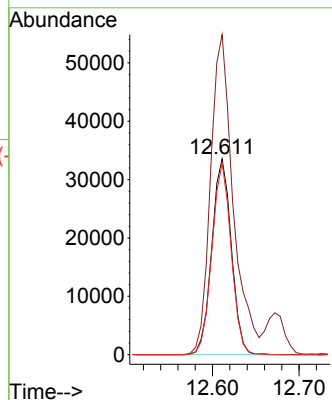
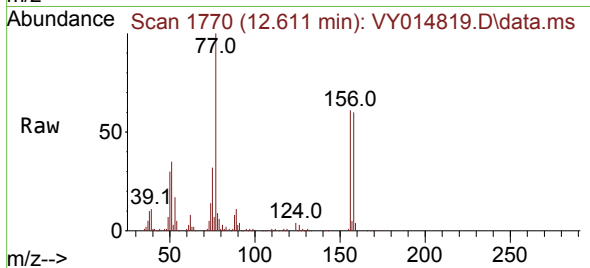
Tgt Ion:156 Resp: 52534

Ion Ratio Lower Upper

156 100

77 189.5 92.8 278.6

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 17.556 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014819.D

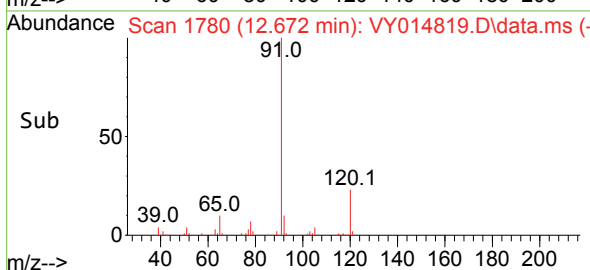
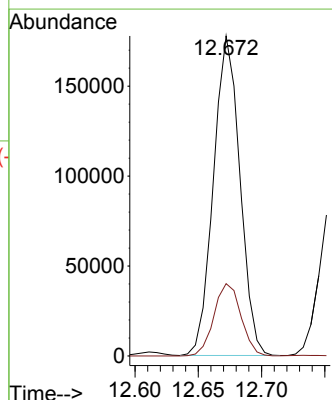
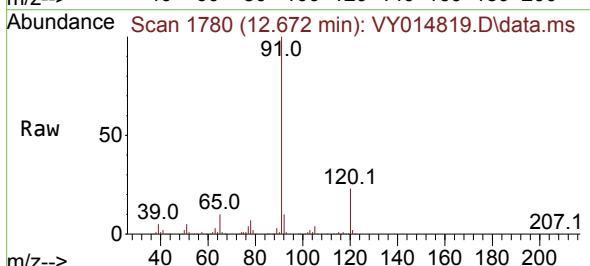
Acq: 25 Jul 2023 22:49

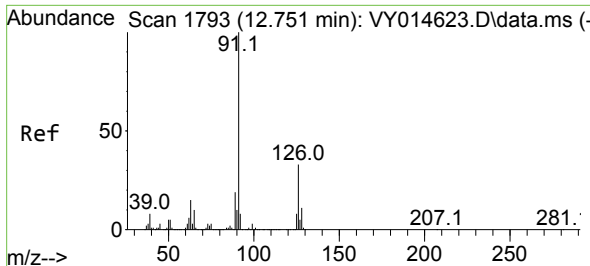
Tgt Ion: 91 Resp: 258421

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

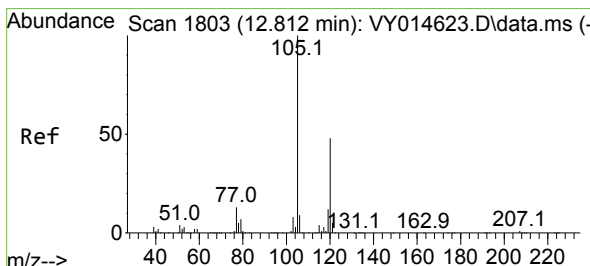
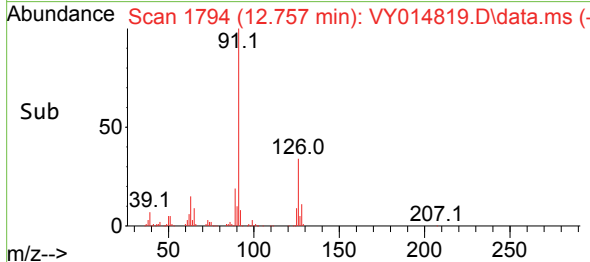
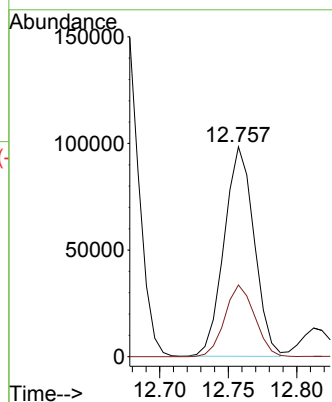
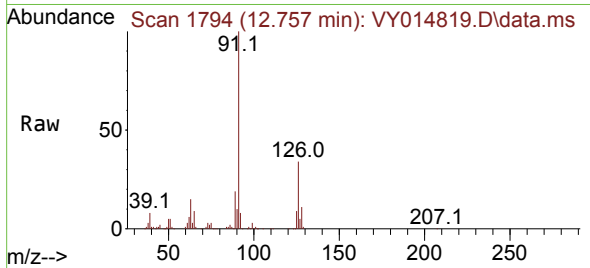




#79  
2-Chlorotoluene  
Concen: 17.682 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

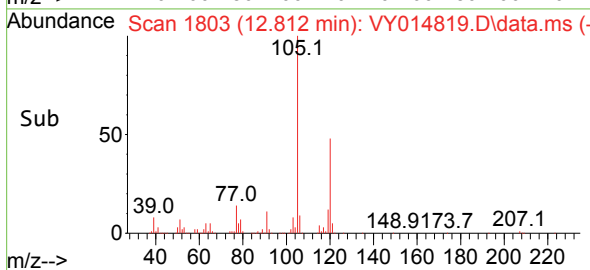
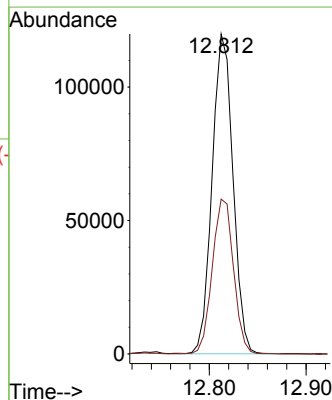
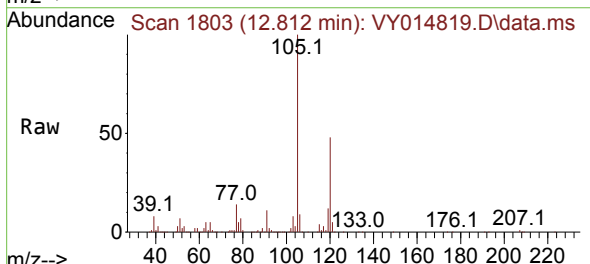
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBS02

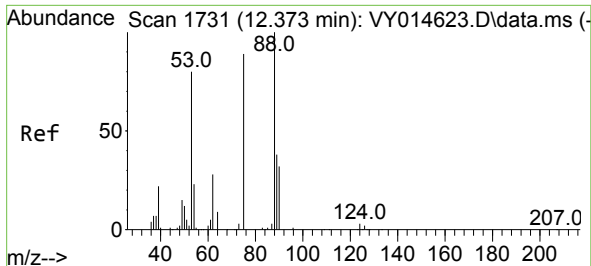
Tgt Ion: 91 Resp: 149912  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 17.583 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 105 Resp: 179371  
Ion Ratio Lower Upper  
105 100  
120 49.4 23.9 71.7

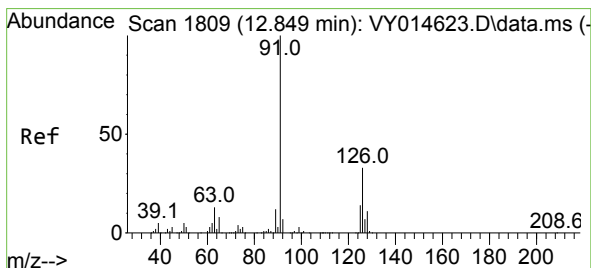
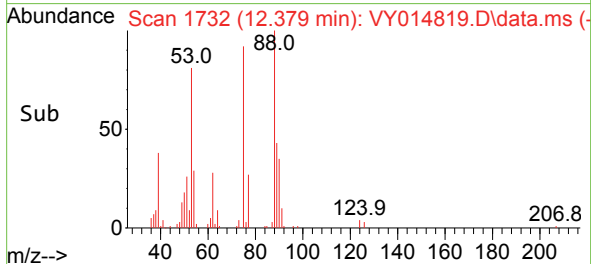
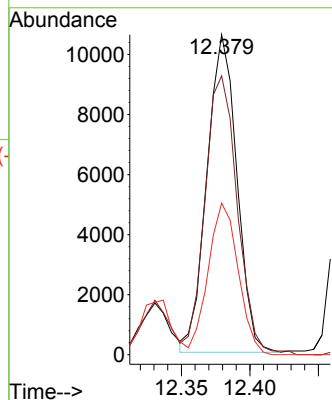
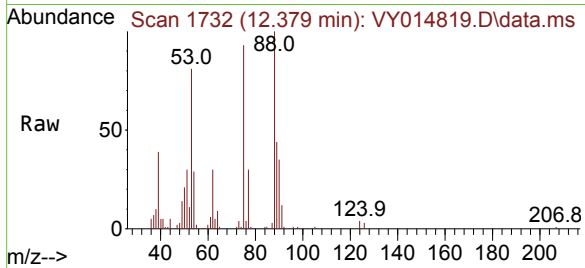




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.793 ug/l  
RT: 12.379 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

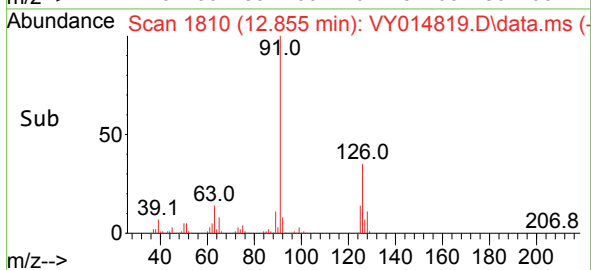
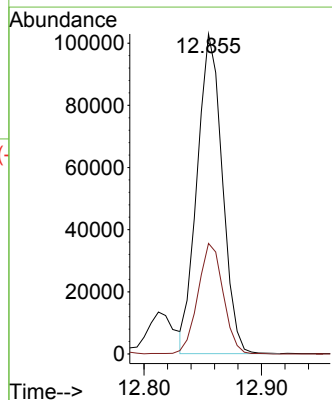
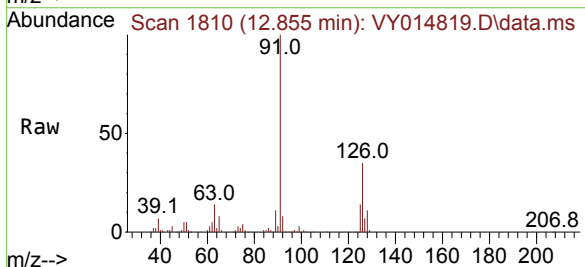
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0725SBSD02

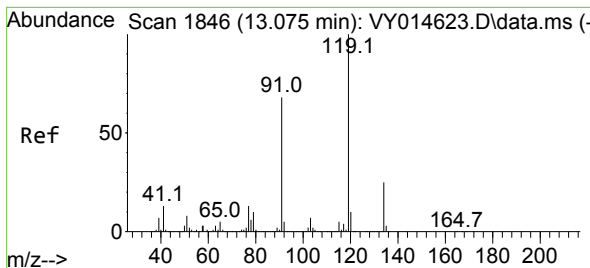
Tgt Ion: 75 Resp: 16071  
Ion Ratio Lower Upper  
75 100  
53 94.9 77.8 116.8  
89 47.8 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 17.505 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY014819.D  
Acq: 25 Jul 2023 22:49

Tgt Ion: 91 Resp: 152853  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.920 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

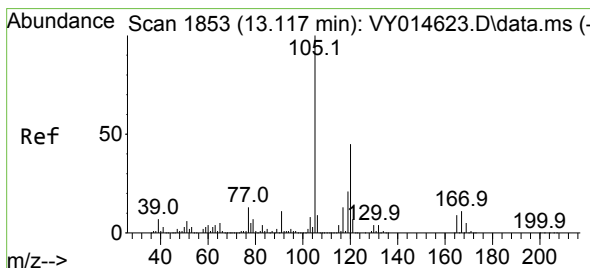
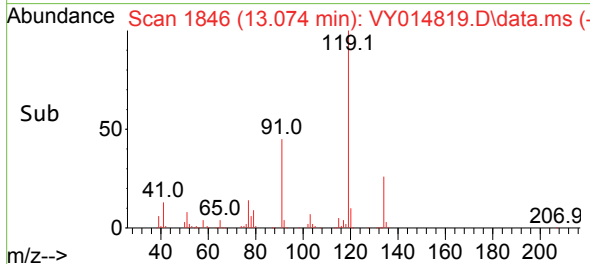
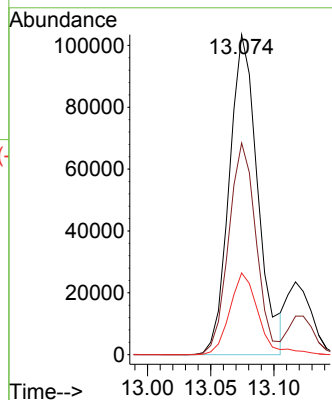
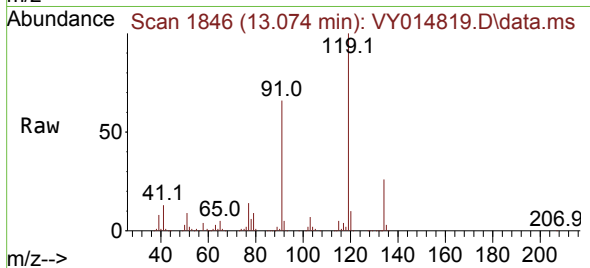
Tgt Ion:119 Resp: 162165

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.103 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY014819.D

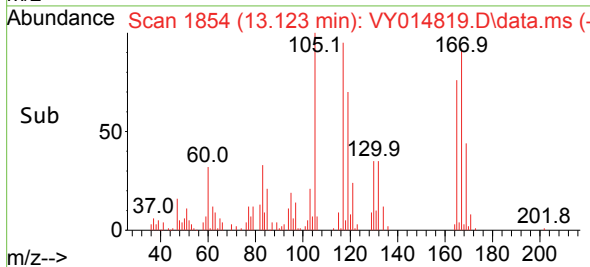
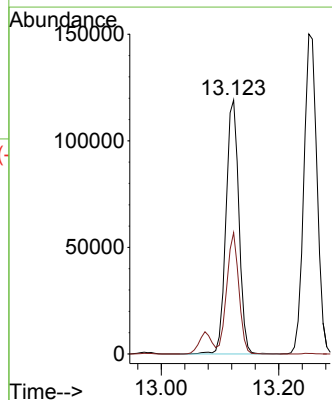
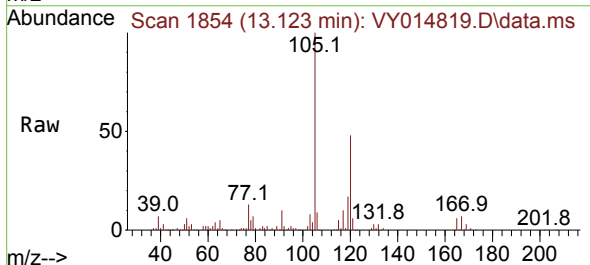
Acq: 25 Jul 2023 22:49

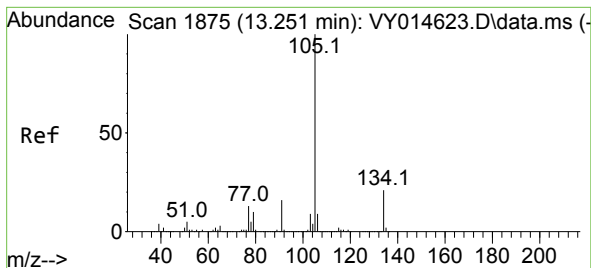
Tgt Ion:105 Resp: 181240

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.483 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

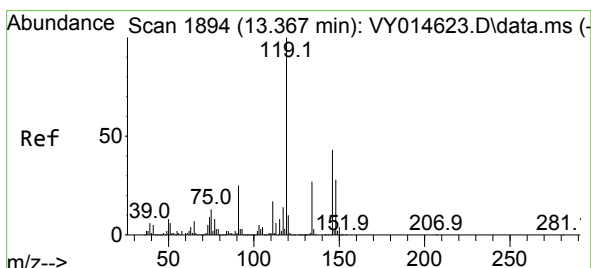
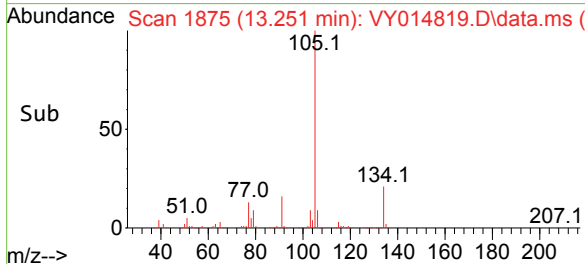
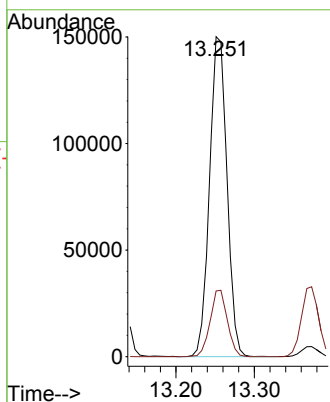
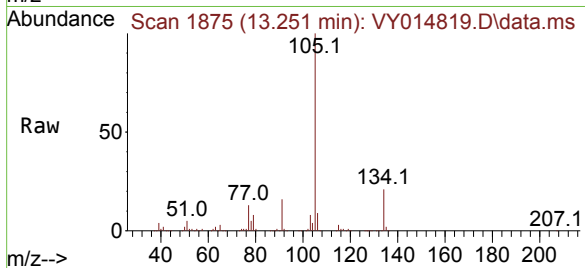
VY0725SBS02

Tgt Ion:105 Resp: 232083

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 17.727 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

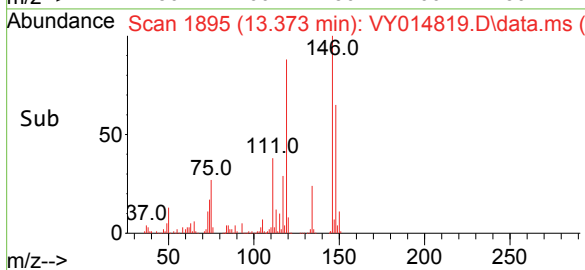
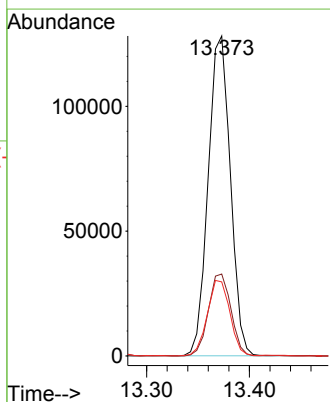
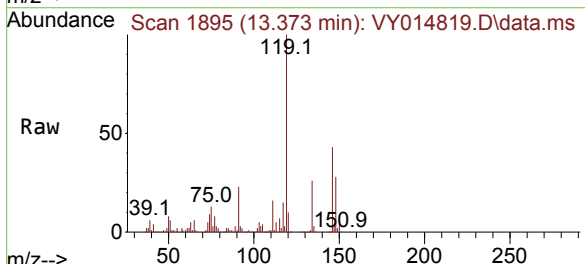
Tgt Ion:119 Resp: 192134

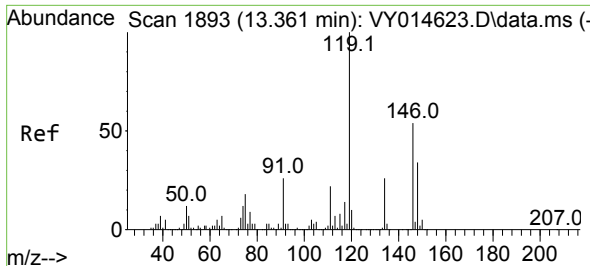
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 23.9 12.4 37.4

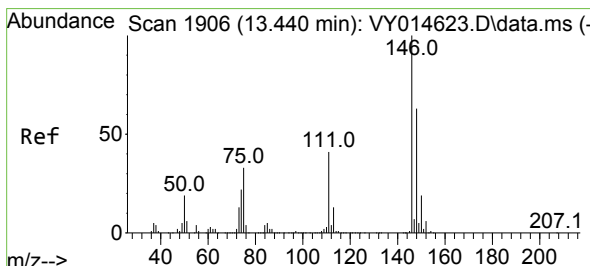
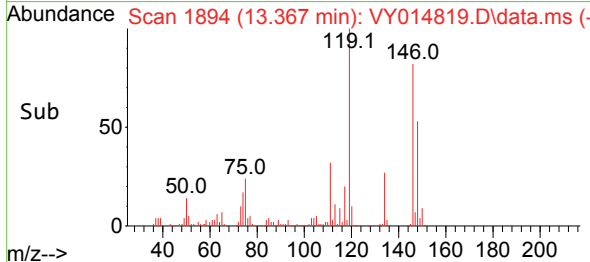
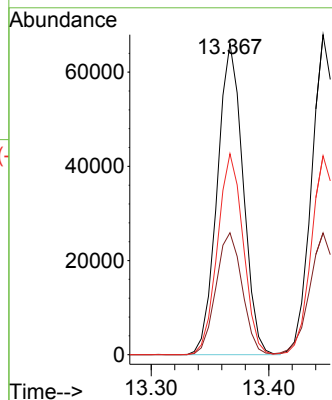
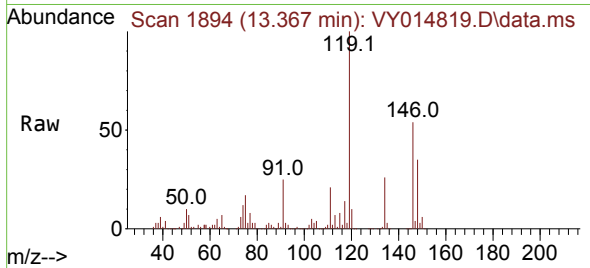




#87  
 1,3-Dichlorobenzene  
 Concen: 18.580 ug/l  
 RT: 13.367 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

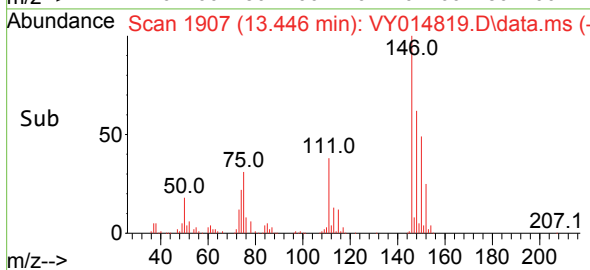
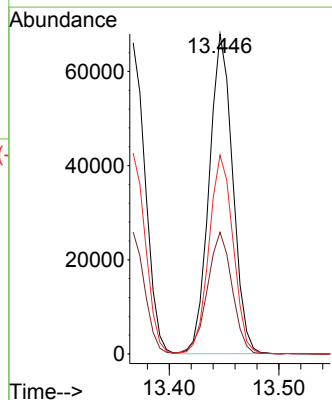
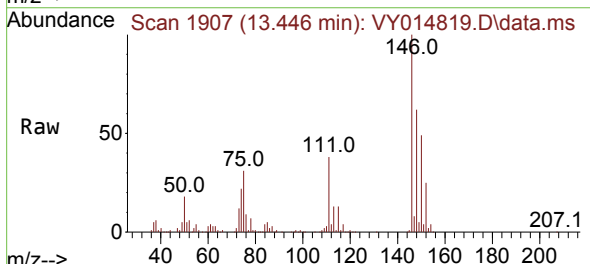
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0725SBS02

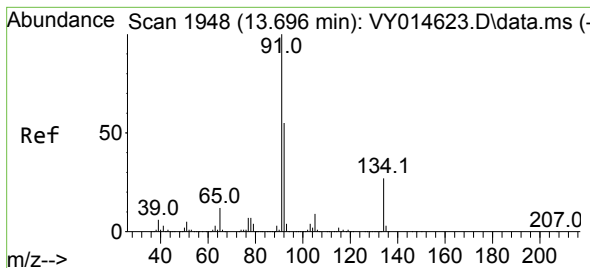
Tgt Ion:146 Resp: 100833  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 19.4 58.2  
 148 64.2 31.9 95.5



#88  
 1,4-Dichlorobenzene  
 Concen: 18.650 ug/l  
 RT: 13.446 min Scan# 1907  
 Delta R.T. 0.006 min  
 Lab File: VY014819.D  
 Acq: 25 Jul 2023 22:49

Tgt Ion:146 Resp: 101423  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 18.9 56.7  
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 17.056 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

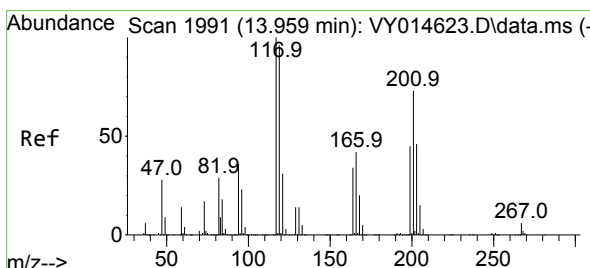
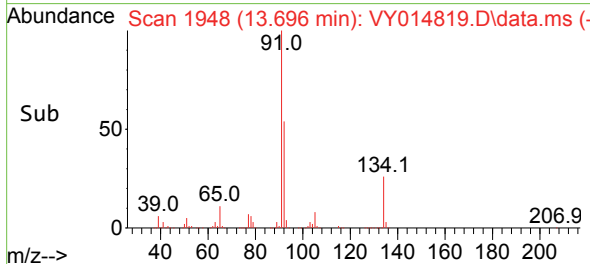
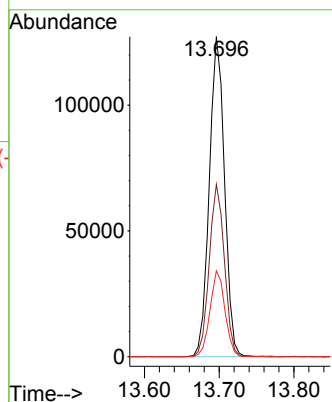
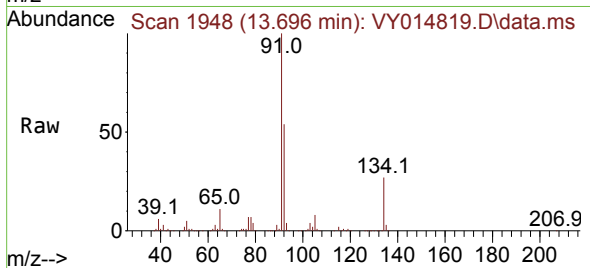
Tgt Ion: 91 Resp: 179849

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 17.114 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY014819.D

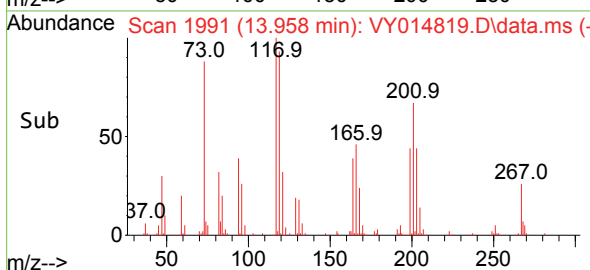
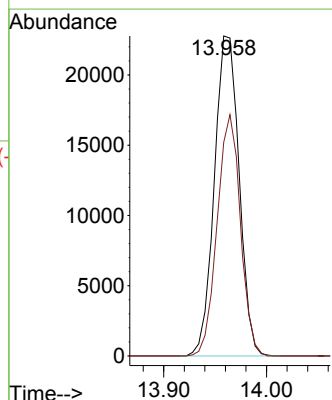
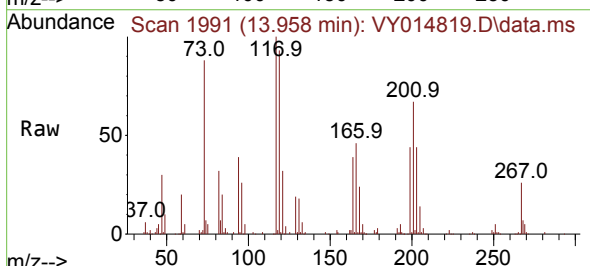
Acq: 25 Jul 2023 22:49

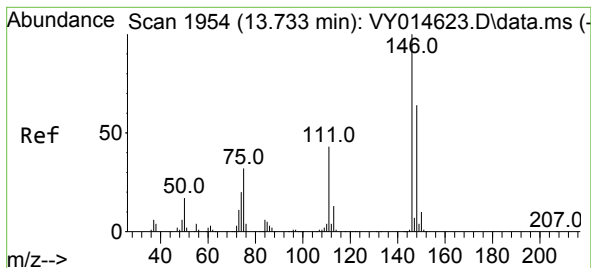
Tgt Ion: 117 Resp: 38101

Ion Ratio Lower Upper

117 100

201 70.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 18.951 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBSD02

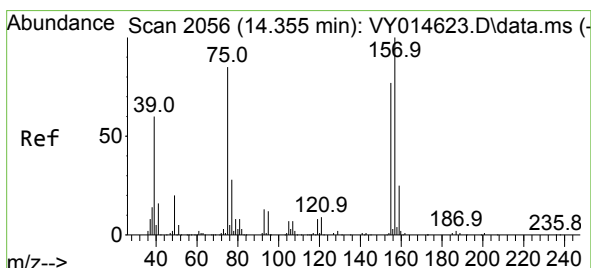
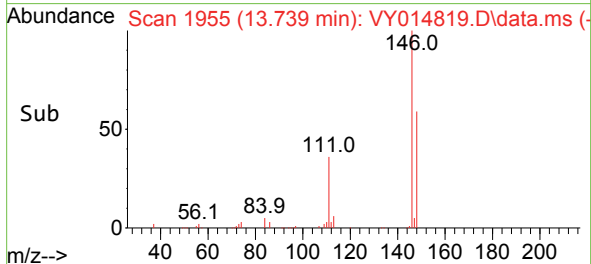
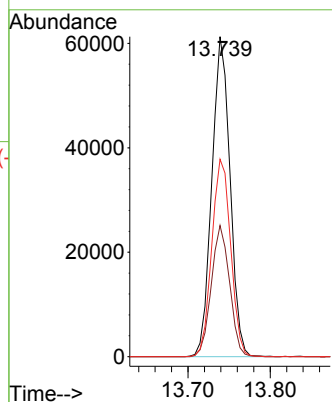
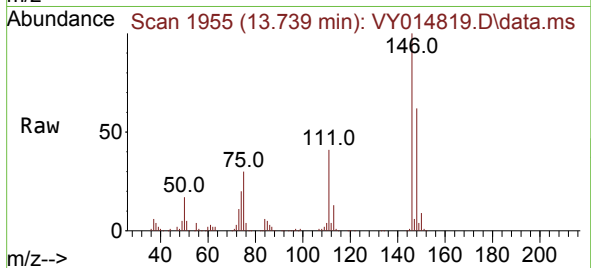
Tgt Ion:146 Resp: 94223

Ion Ratio Lower Upper

146 100

111 41.1 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.218 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

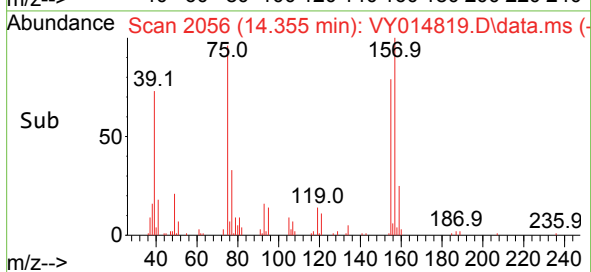
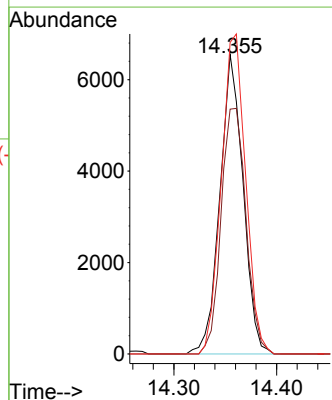
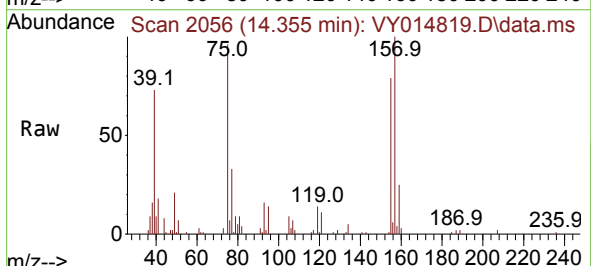
Tgt Ion: 75 Resp: 10238

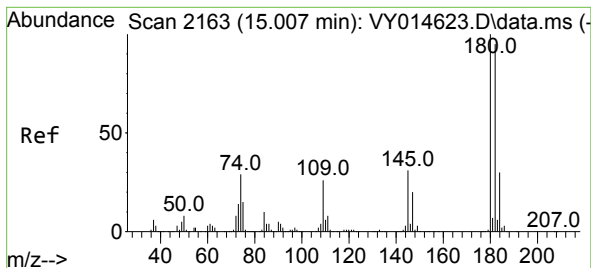
Ion Ratio Lower Upper

75 100

155 88.2 41.5 124.6

157 112.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.575 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

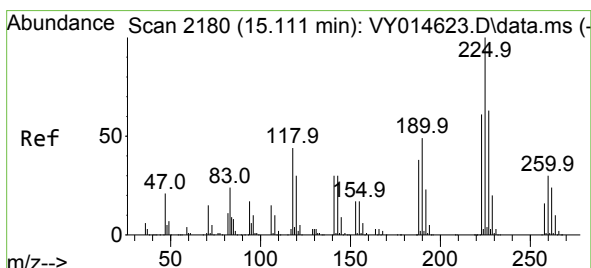
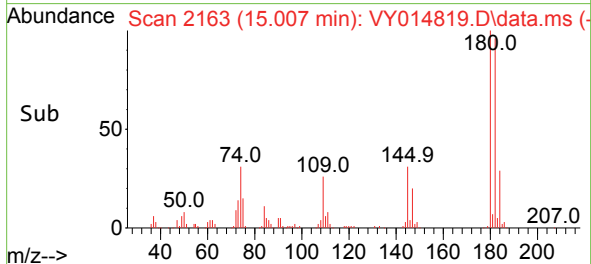
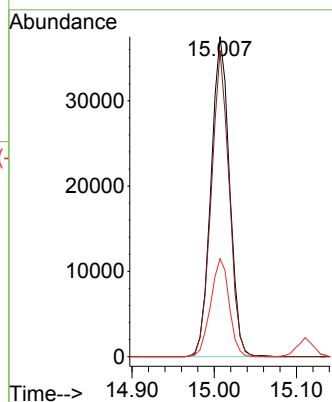
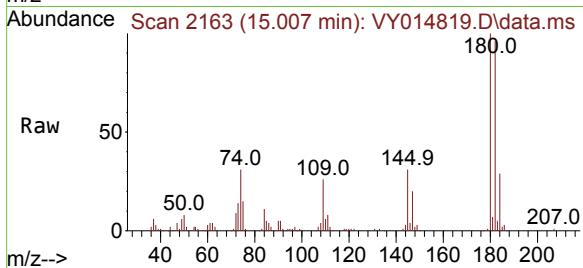
Tgt Ion:180 Resp: 58628

Ion Ratio Lower Upper

180 100

182 92.2 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 16.875 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

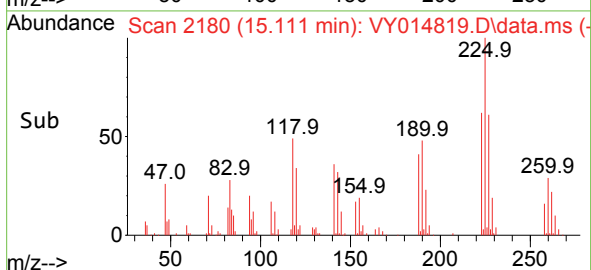
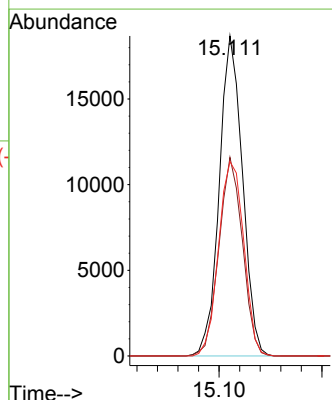
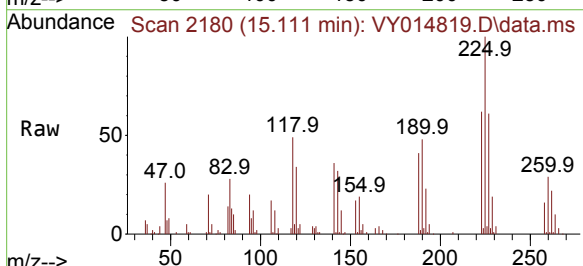
Tgt Ion:225 Resp: 29269

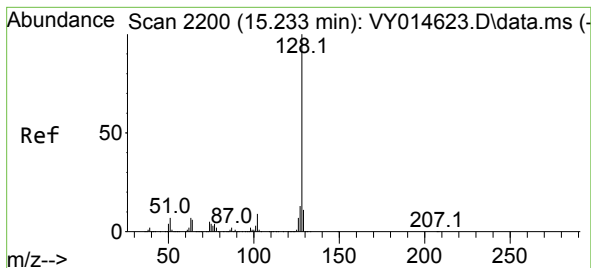
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 65.9 33.0 98.9





#95

Naphthalene

Concen: 19.235 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0725SBS02

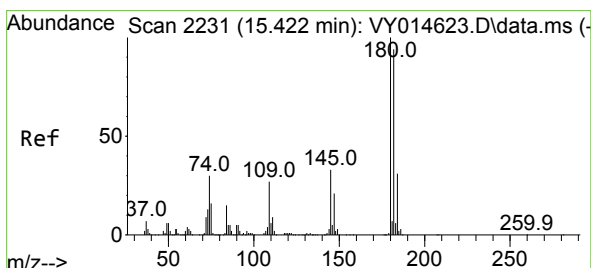
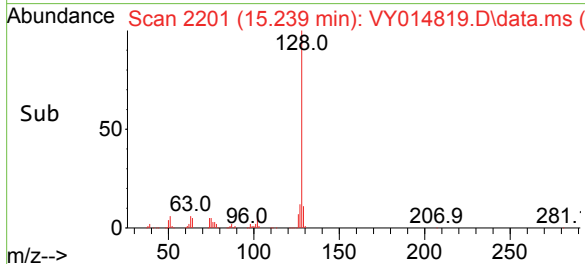
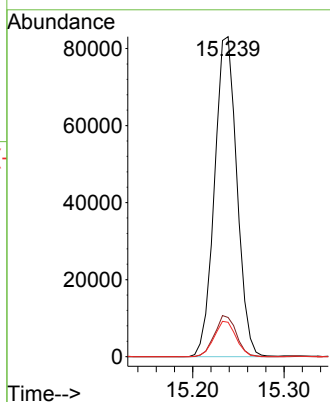
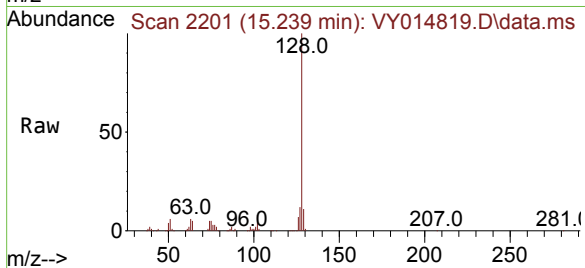
Tgt Ion:128 Resp: 141438

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.414 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion:180 Resp: 51653

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 33.7 15.4 46.2

