

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081123\  
 Data File : VY015052.D  
 Acq On : 11 Aug 2023 12:21  
 Operator : SY/MD  
 Sample : VY0811SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 11 14:50:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080723S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 07:44:56 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 285917   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 468704   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 427144   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 221140   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 190454   | 54.959   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.920% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 169073   | 56.409   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 112.820% |      |
| 50) Toluene-d8              | 10.179 | 98    | 620198   | 54.364   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 108.720% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 227516   | 56.270   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 112.540% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 30545  | 17.046  | ug/l   | 96  |
| 3) Chloromethane             | 2.113 | 50  | 38589  | 17.150  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.247 | 62  | 46917  | 16.921  | ug/l   | 99  |
| 5) Bromomethane              | 2.625 | 94  | 37558  | 18.470  | ug/l   | 99  |
| 6) Chloroethane              | 2.778 | 64  | 34971  | 18.268  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 78532  | 17.923  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.528 | 74  | 30275  | 18.725  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 47309  | 18.240  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.082 | 142 | 41246  | 15.381  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 52640  | 62.940  | ug/l # | 80  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 39036  | 17.273  | ug/l   | 91  |
| 13) Acrolein                 | 3.723 | 56  | 39413  | 138.527 | ug/l   | 96  |
| 14) Allyl chloride           | 4.472 | 41  | 66650  | 17.710  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.155 | 53  | 99096  | 100.325 | ug/l   | 99  |
| 16) Acetone                  | 3.942 | 43  | 84909  | 78.574  | ug/l # | 87  |
| 17) Carbon Disulfide         | 4.186 | 76  | 65769  | 13.163  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.472 | 43  | 77338  | 19.652  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 165575 | 19.365  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.704 | 84  | 70940  | 3.979   | ug/l # | 90  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 44617  | 17.320  | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.112 | 45  | 165739 | 18.907  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.051 | 43  | 492287 | 93.422  | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 92831  | 18.670  | ug/l   | 98  |
| 25) 2-Butanone               | 6.984 | 43  | 150237 | 97.067  | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 91055  | 18.098  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 60251  | 18.482  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.326 | 49  | 45142  | 20.140  | ug/l   | 89  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 91128  | 100.401 | ug/l   | 91  |
| 30) Chloroform               | 7.502 | 83  | 105178 | 19.473  | ug/l   | 96  |
| 31) Cyclohexane              | 7.783 | 56  | 64743  | 15.647  | ug/l # | 83  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 87605  | 18.404  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 64985  | 17.464  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.070 | 43  | 59846  | 20.261  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 77481  | 18.521  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 73328  | 16.570  | ug/l   | 92  |
| 40) Benzene                  | 8.155 | 78  | 199842 | 18.238  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081123\  
 Data File : VY015052.D  
 Acq On : 11 Aug 2023 12:21  
 Operator : SY/MD  
 Sample : VY0811SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 11 14:50:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080723S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 07:44:56 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 84042    | 58.549  | ug/l # | 40       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 72761    | 19.077  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 108440   | 19.760  | ug/l   | 98       |
| 44) Trichloroethene           | 8.935  | 130  | 58913    | 18.738  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 54953    | 18.871  | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 36543    | 19.480  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 84044    | 19.455  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 47358    | 19.669  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 14160    | 405.802 | ug/l # | 63       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 319730   | 103.387 | ug/l   | 94       |
| 52) Toluene                   | 10.240 | 92   | 130906   | 18.565  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 85911    | 19.097  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 91774    | 18.882  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 53613    | 19.663  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 76956    | 19.711  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 88968    | 19.722  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 184321   | 99.849  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.831 | 43   | 240844   | 105.424 | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.983 | 129  | 65053    | 20.038  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 51811    | 19.908  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 65102    | 20.262  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 154791   | 19.098  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 63046    | 19.851  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 266864   | 18.761  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.697 | 106  | 206248   | 37.903  | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 101327   | 19.030  | ug/l   | 99       |
| 70) Styrene                   | 12.038 | 104  | 176814   | 19.431  | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 45072    | 20.589  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.325 | 105  | 273742   | 18.415  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 97039    | 19.106  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 70338    | 19.362  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 92740    | 34.999  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 69437    | 19.257  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.666 | 91   | 329617   | 18.539  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 192432   | 18.990  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 234664   | 19.156  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 22839    | 18.988  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 199570   | 19.051  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 210398   | 18.775  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 233748   | 19.045  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 308063   | 18.730  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 264619   | 19.437  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 137477   | 19.478  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 138383   | 19.660  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 246160   | 19.244  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.959 | 117  | 49622    | 18.769  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 129863   | 19.936  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 14524    | 20.476  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 83342    | 19.995  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 44655    | 19.756  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 207354   | 21.142  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 74857    | 19.840  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081123\  
Data File : VY015052.D  
Acq On : 11 Aug 2023 12:21  
Operator : SY/MD  
Sample : VY0811SBS02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Aug 11 14:50:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080723S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 08 07:44:56 2023  
Response via : Initial Calibration

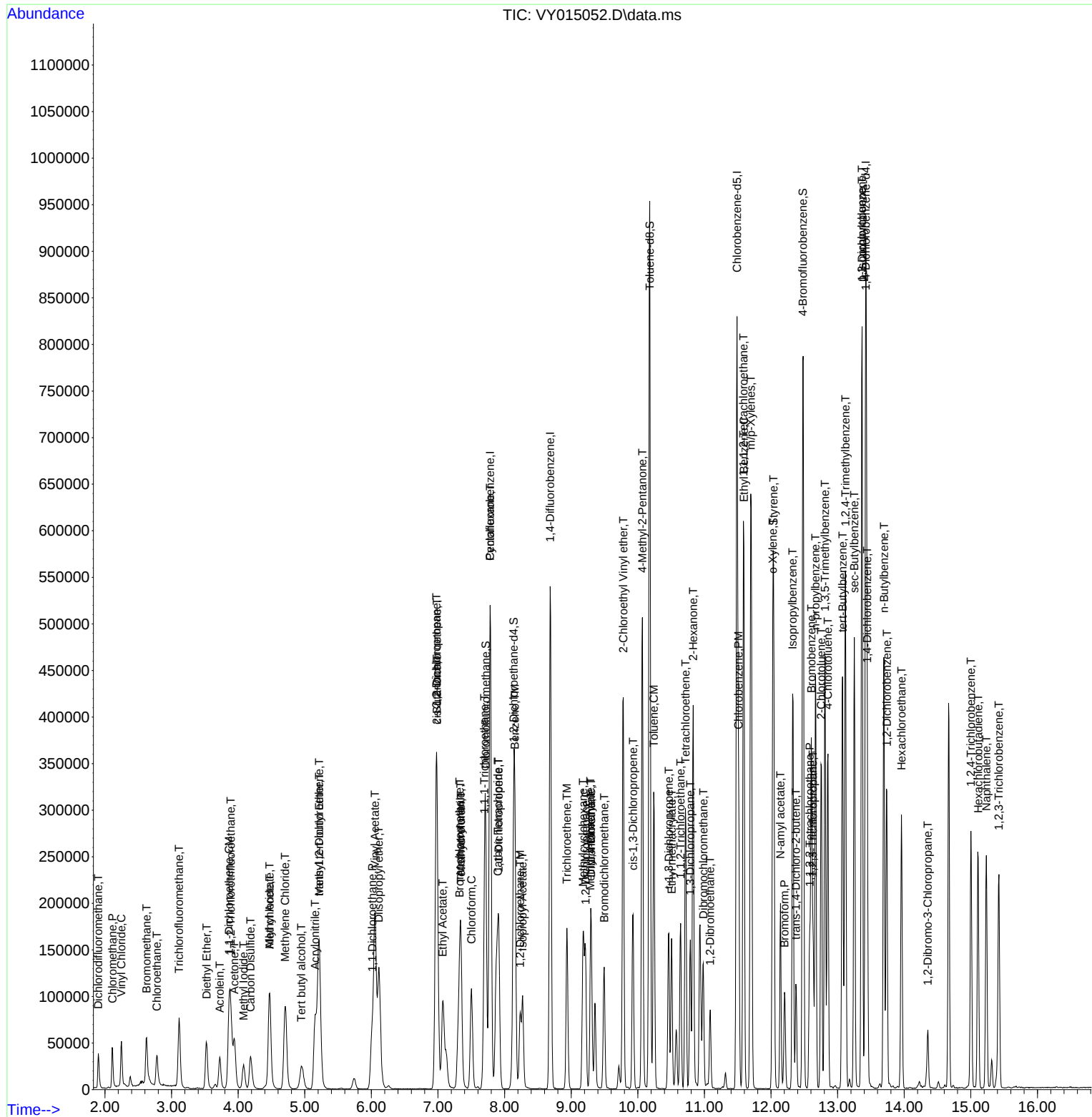
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

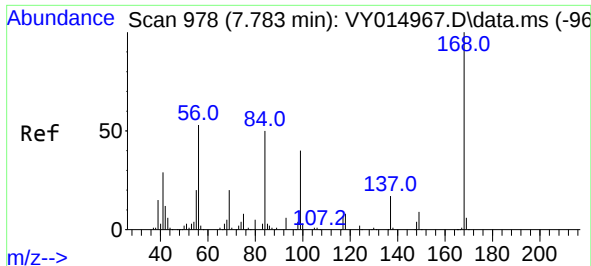
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081123\  
 Data File : VY015052.D  
 Acq On : 11 Aug 2023 12:21  
 Operator : SY/MD  
 Sample : VY0811SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 11 14:50:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080723S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 07:44:56 2023  
 Response via : Initial Calibration

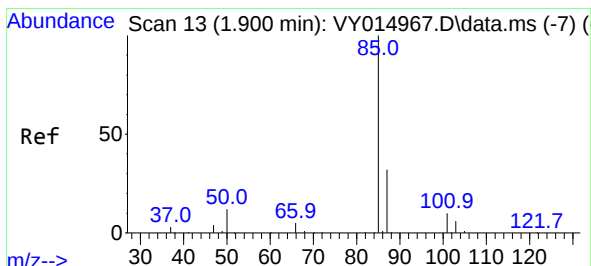
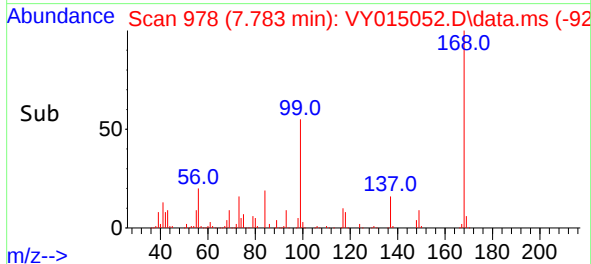
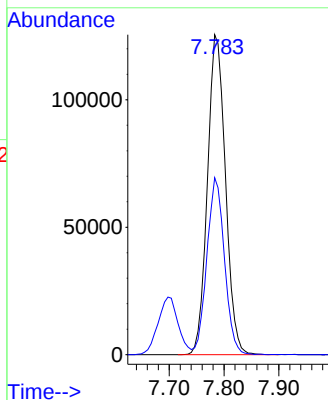
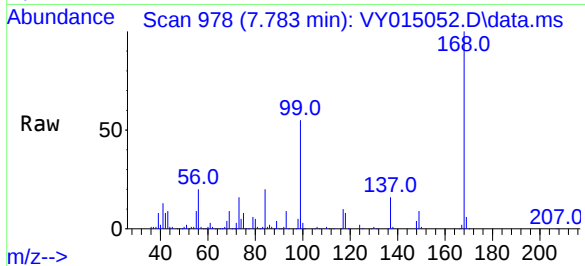




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

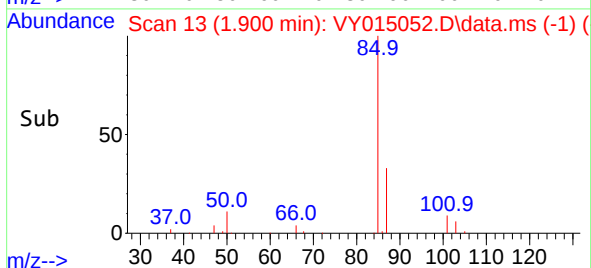
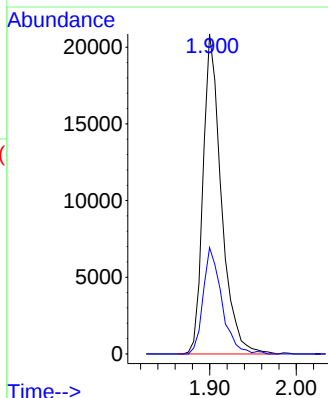
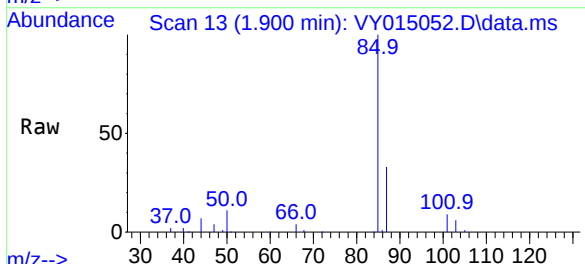
Instrument :  
MSVOA\_Y  
ClientSampleId :

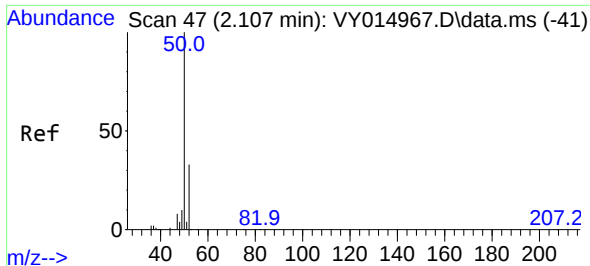
Tgt Ion:168 Resp: 285917  
Ion Ratio Lower Upper  
168 100  
99 55.2 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 17.046 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

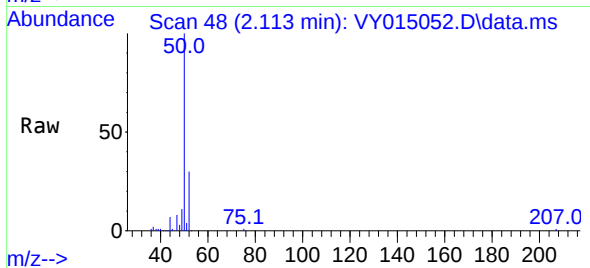
Tgt Ion: 85 Resp: 30545  
Ion Ratio Lower Upper  
85 100  
87 33.3 15.6 46.8



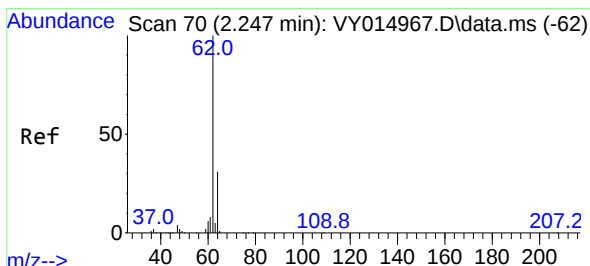
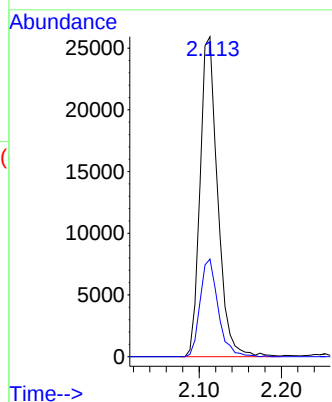
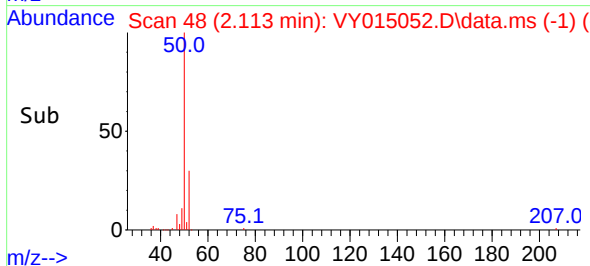


#3  
Chloromethane  
Concen: 17.150 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

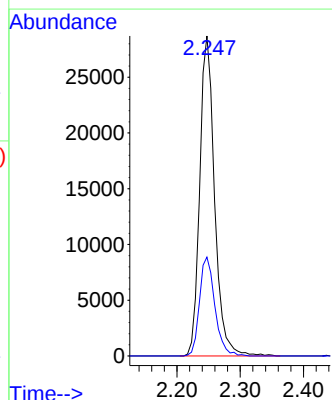
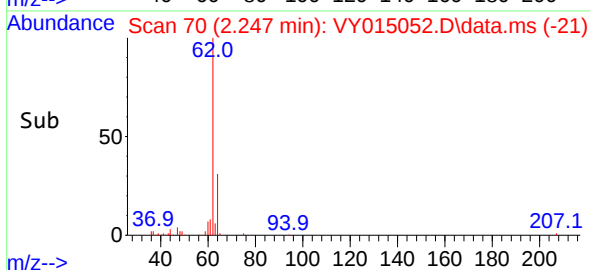
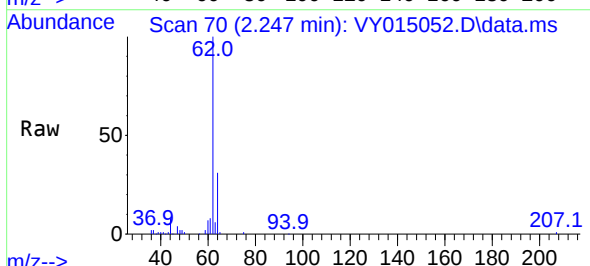


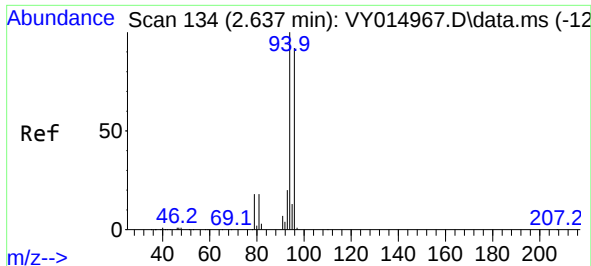
Tgt Ion: 50 Resp: 38589  
Ion Ratio Lower Upper  
50 100  
52 30.5 25.4 38.2



#4  
Vinyl Chloride  
Concen: 16.921 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

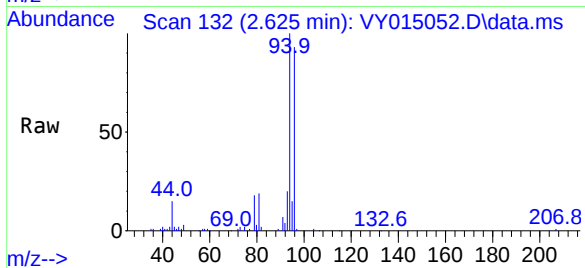
Tgt Ion: 62 Resp: 46917  
Ion Ratio Lower Upper  
62 100  
64 30.9 24.3 36.5



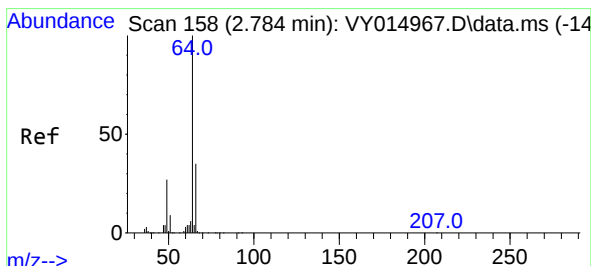
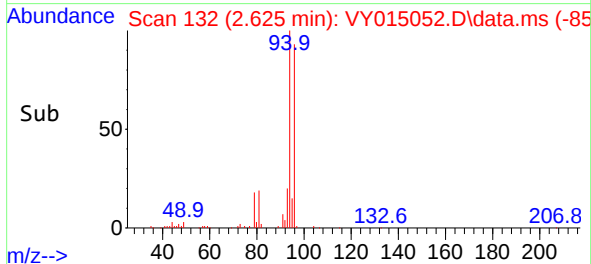
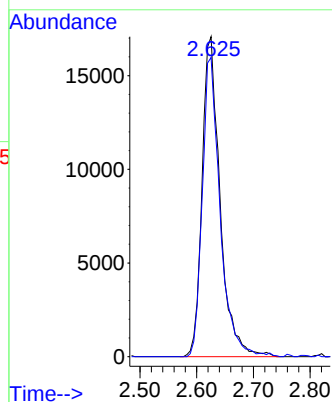


#5  
Bromomethane  
Concen: 18.470 ug/l  
RT: 2.625 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

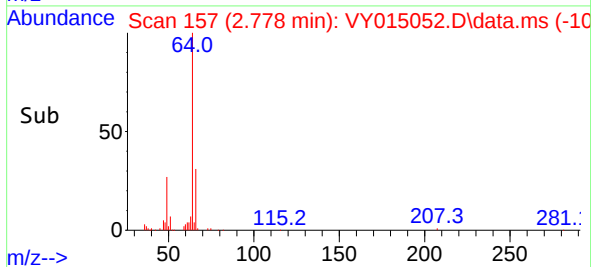
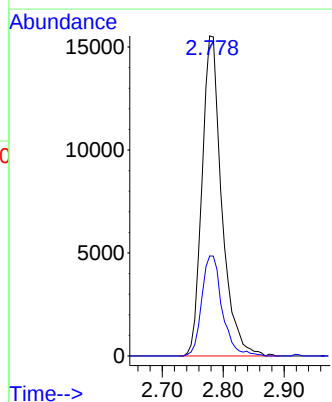
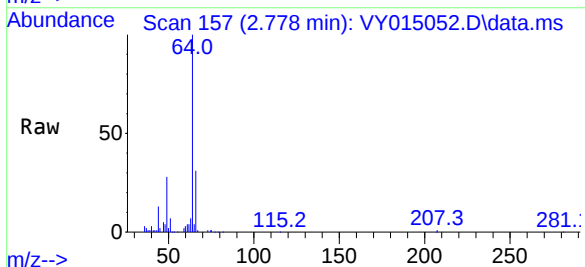


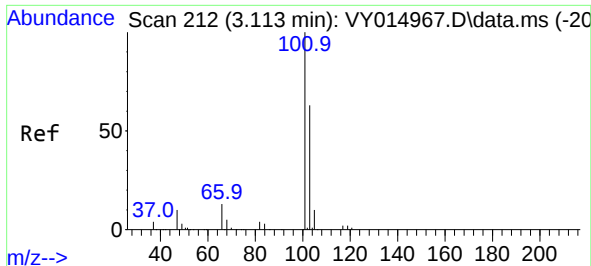
Tgt Ion: 94 Resp: 37558  
Ion Ratio Lower Upper  
94 100  
96 93.5 75.8 113.6



#6  
Chloroethane  
Concen: 18.268 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 64 Resp: 34971  
Ion Ratio Lower Upper  
64 100  
66 31.2 24.4 36.6

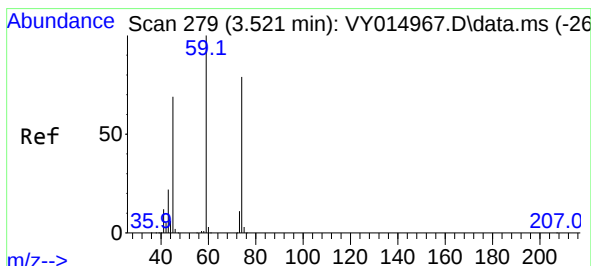
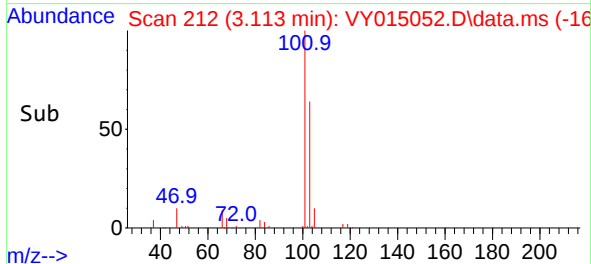
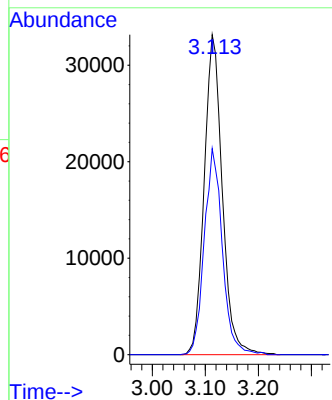
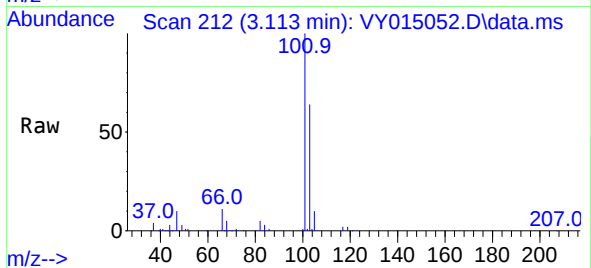




#7  
Trichlorofluoromethane  
Concen: 17.923 ug/l  
RT: 3.113 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

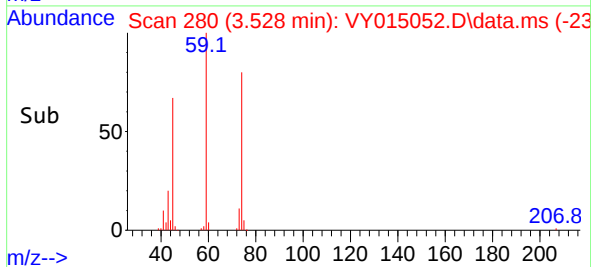
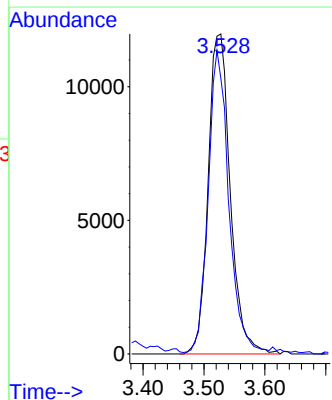
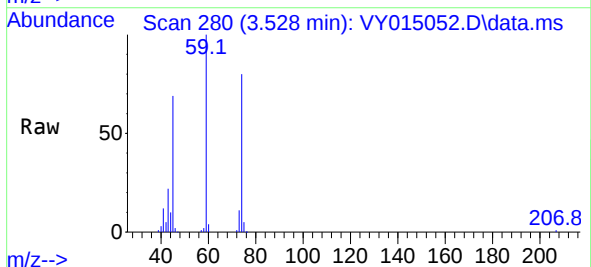
Instrument :  
MSVOA\_Y  
ClientSampleId :

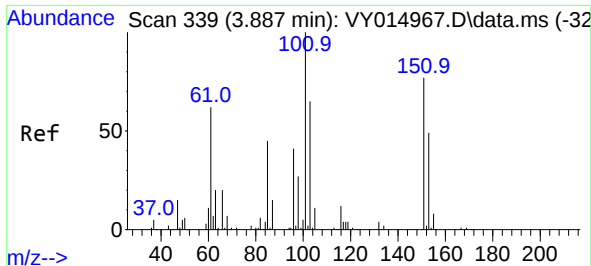
Tgt Ion:101 Resp: 78532  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.4 77.0



#8  
Diethyl Ether  
Concen: 18.725 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

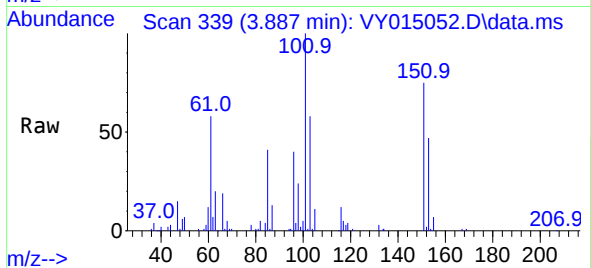
Tgt Ion: 74 Resp: 30275  
Ion Ratio Lower Upper  
74 100  
45 87.2 51.5 154.5



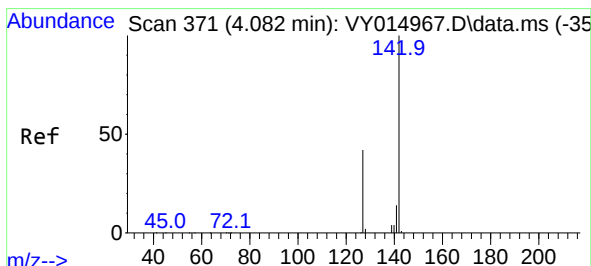
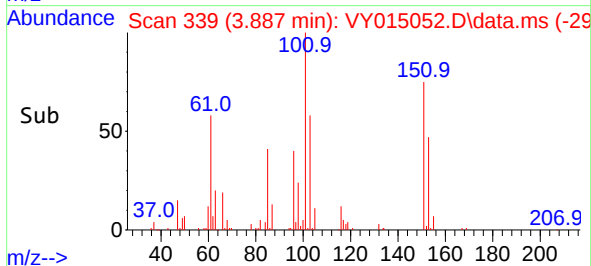
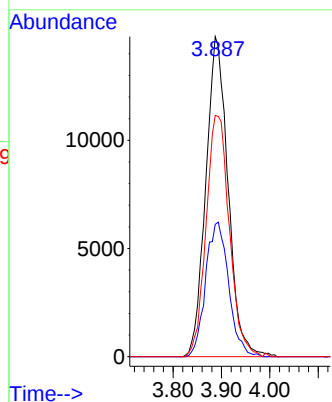


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.240 ug/l  
RT: 3.887 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

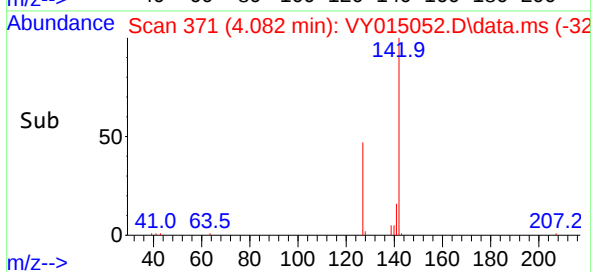
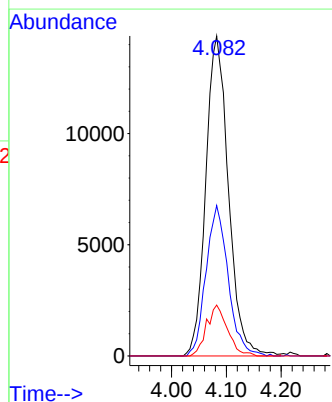
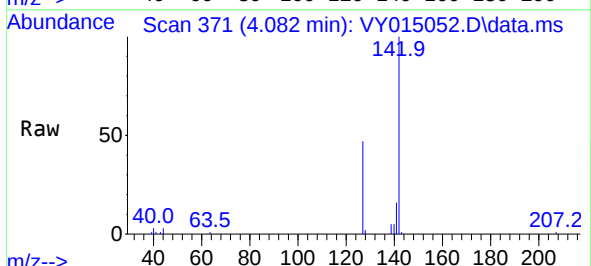


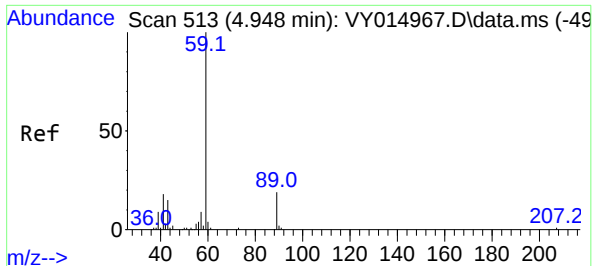
Tgt Ion:101 Resp: 47309  
Ion Ratio Lower Upper  
101 100  
85 43.4 36.6 55.0  
151 78.7 67.0 100.6



#10  
Methyl Iodide  
Concen: 15.381 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

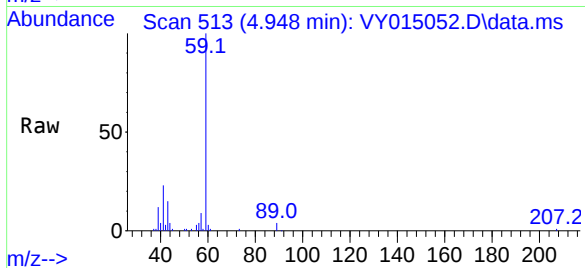
Tgt Ion:142 Resp: 41246  
Ion Ratio Lower Upper  
142 100  
127 46.0 37.6 56.4  
141 14.7 11.8 17.8



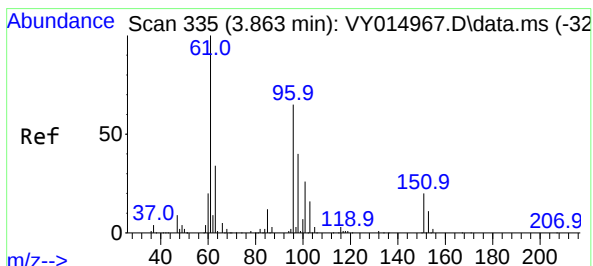
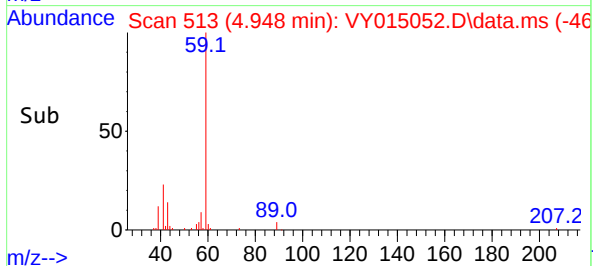
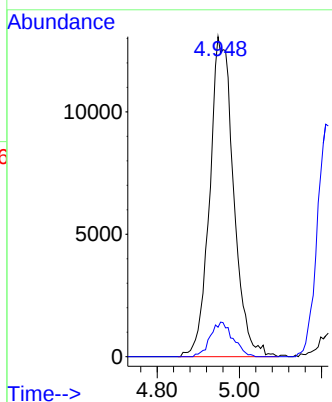


#11  
Tert butyl alcohol  
Concen: 62.940 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

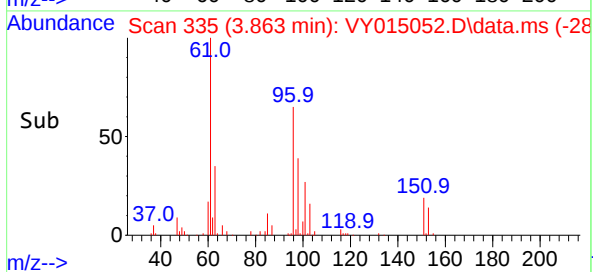
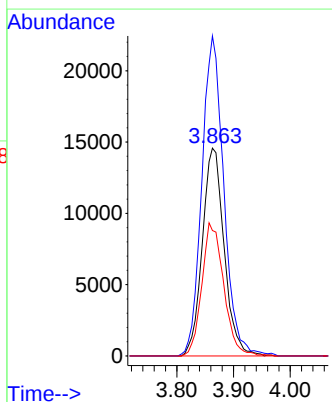
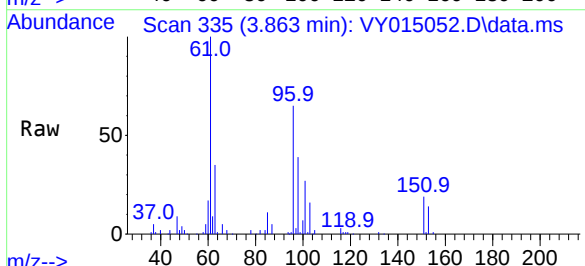


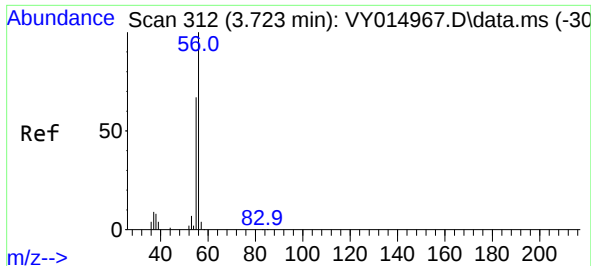
Tgt Ion: 59 Resp: 52640  
Ion Ratio Lower Upper  
59 100  
57 10.3 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 17.273 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 96 Resp: 39036  
Ion Ratio Lower Upper  
96 100  
61 153.9 136.4 204.6  
98 60.4 49.4 74.2

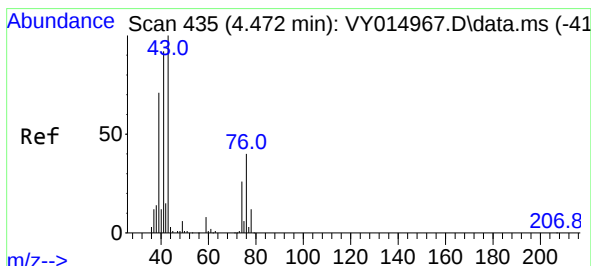
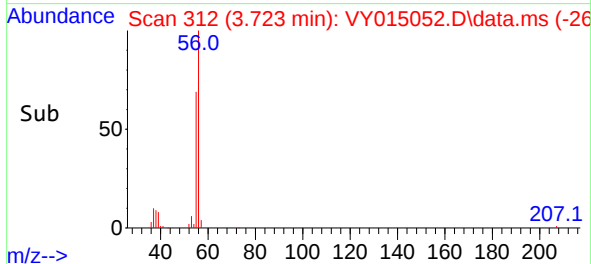
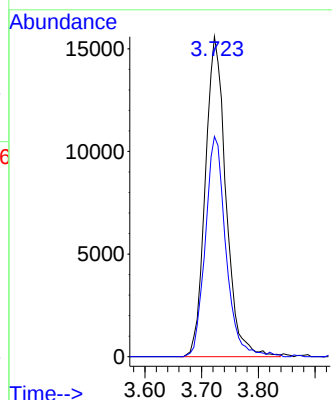
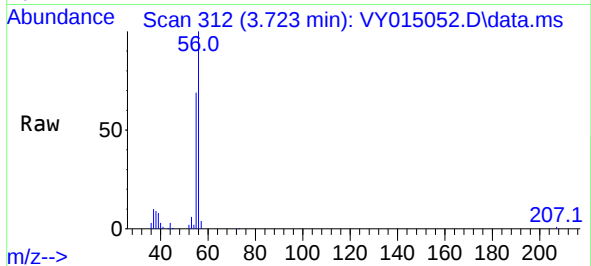




#13  
Acrolein  
Concen: 138.527 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

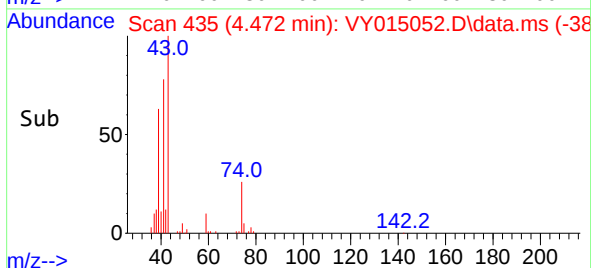
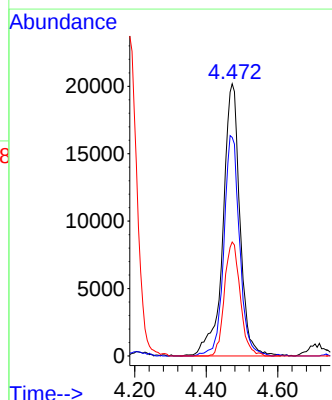
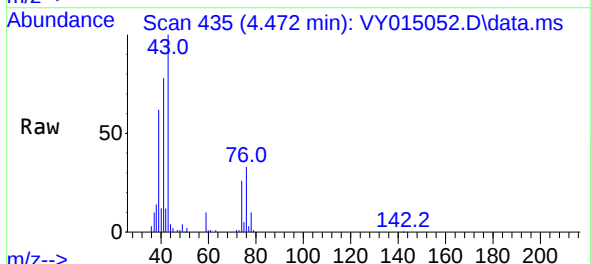
Instrument :  
MSVOA\_Y  
ClientSampleId :

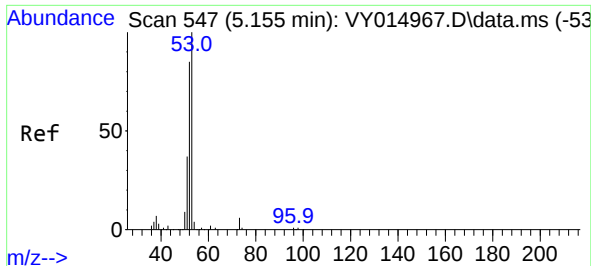
Tgt Ion: 56 Resp: 39413  
Ion Ratio Lower Upper  
56 100  
55 68.3 57.0 85.4



#14  
Allyl chloride  
Concen: 17.710 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

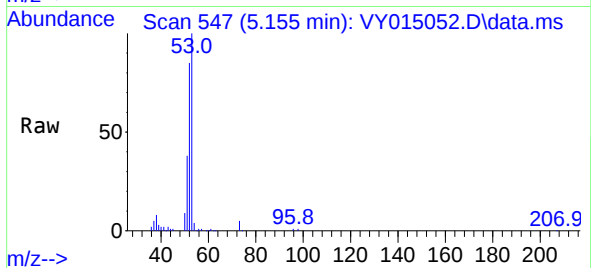
Tgt Ion: 41 Resp: 66650  
Ion Ratio Lower Upper  
41 100  
39 75.0 58.0 87.0  
76 38.9 27.4 41.2



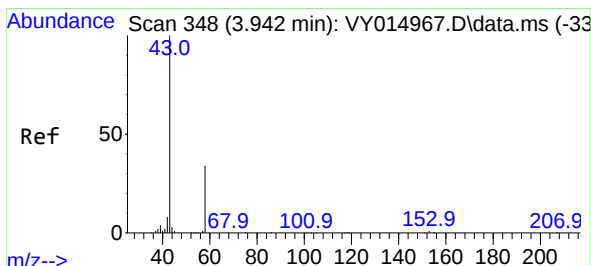
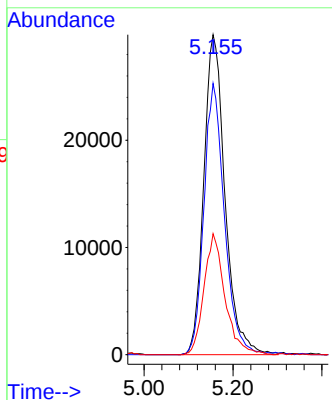
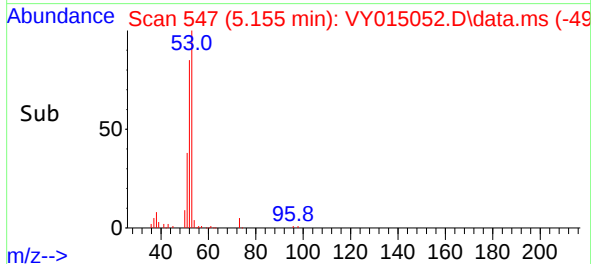


#15  
Acrylonitrile  
Concen: 100.325 ug/l  
RT: 5.155 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

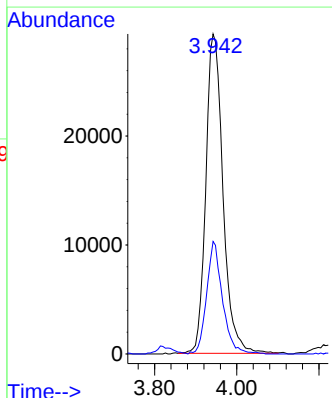
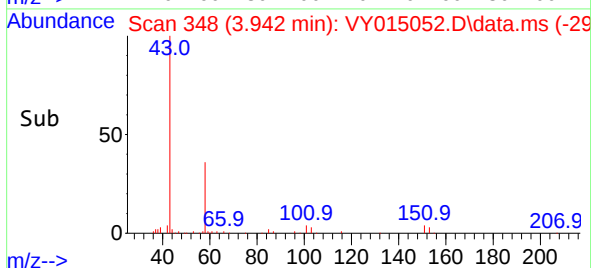
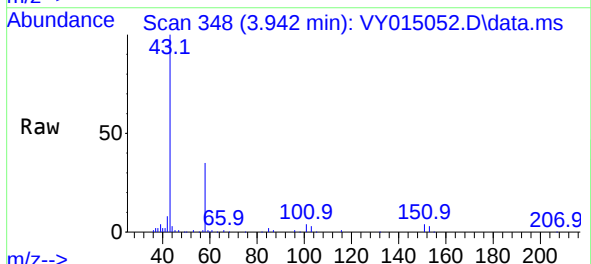


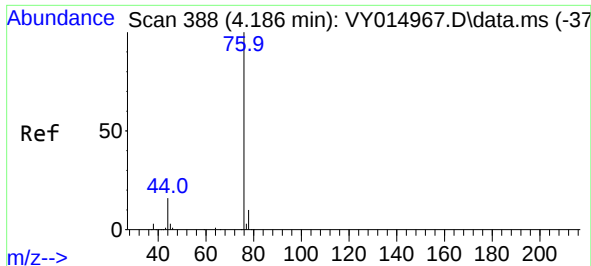
Tgt Ion: 53 Resp: 99096  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.9 100.3  
51 37.5 29.8 44.6



#16  
Acetone  
Concen: 78.574 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 43 Resp: 84909  
Ion Ratio Lower Upper  
43 100  
58 35.2 22.7 34.1#

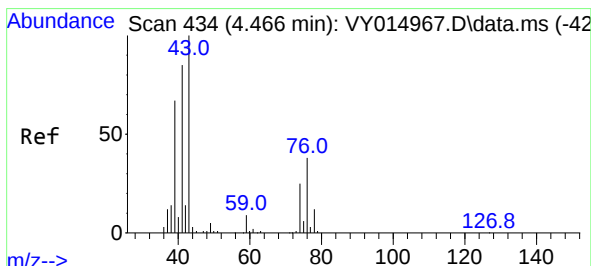
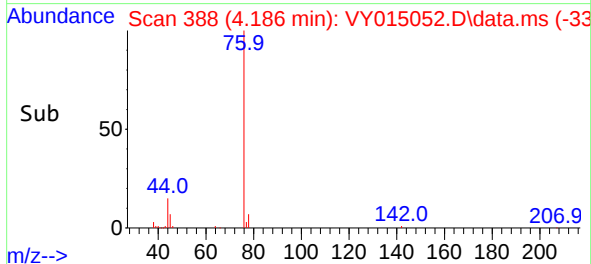
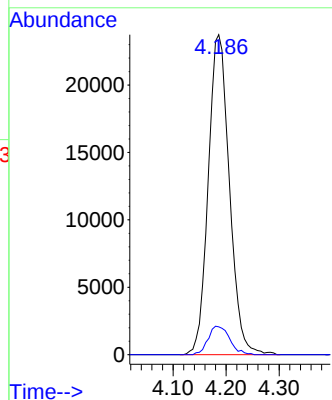
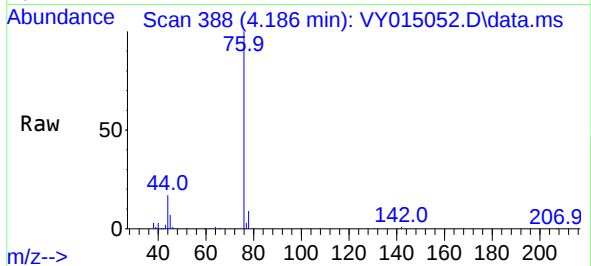




#17  
Carbon Disulfide  
Concen: 13.163 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

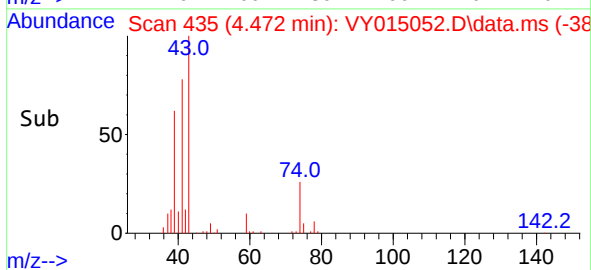
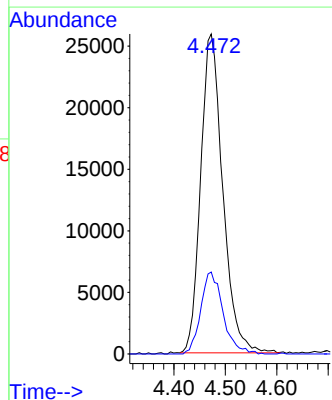
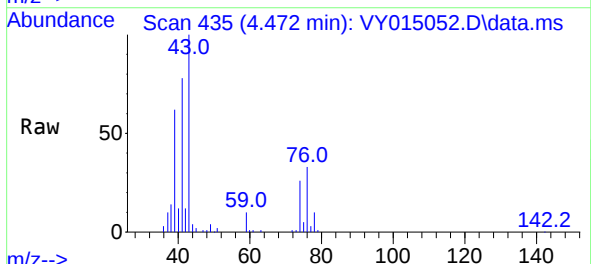
Instrument :  
MSVOA\_Y  
ClientSampleId :

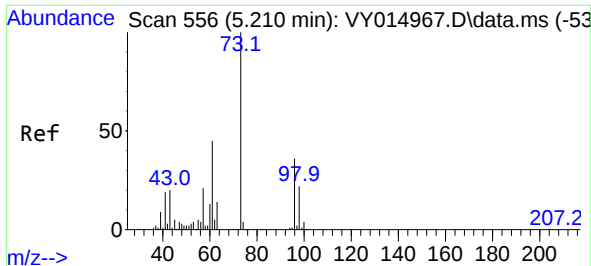
Tgt Ion: 76 Resp: 65769  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.0 10.4



#18  
Methyl Acetate  
Concen: 19.652 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 43 Resp: 77338  
Ion Ratio Lower Upper  
43 100  
74 25.9 17.4 26.0

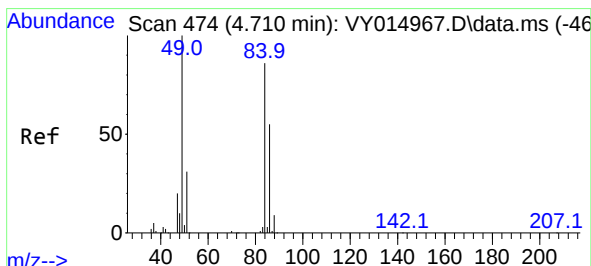
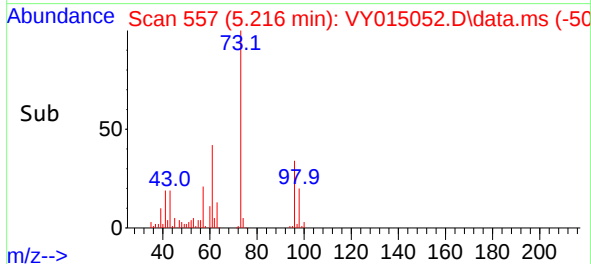
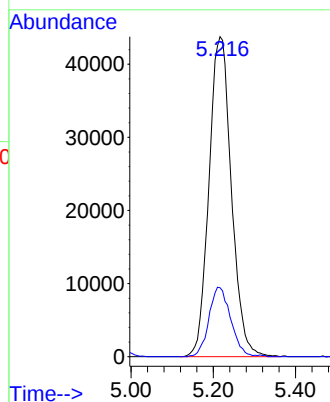
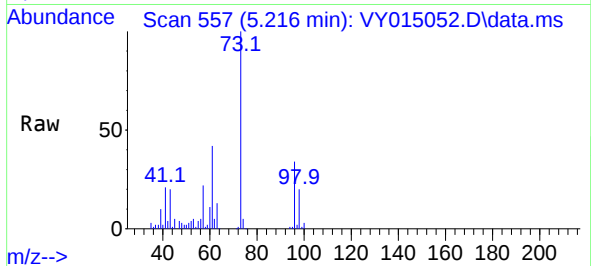




#19  
Methyl tert-butyl Ether  
Concen: 19.365 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

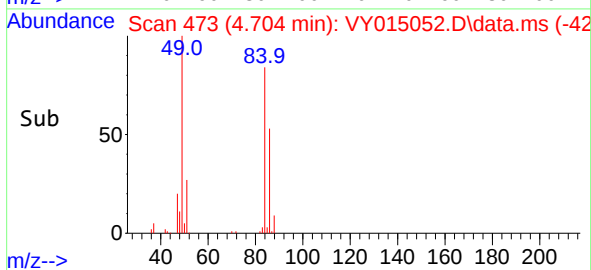
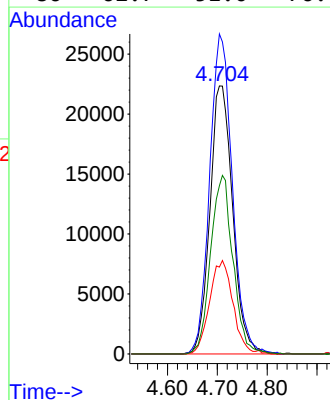
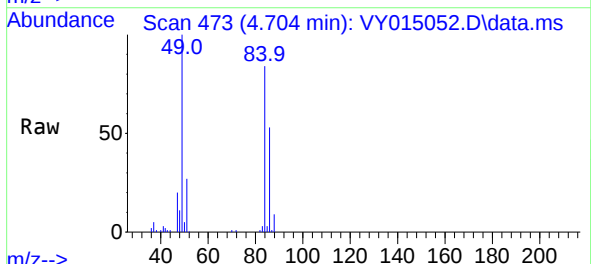
Instrument :  
MSVOA\_Y  
ClientSampleId :

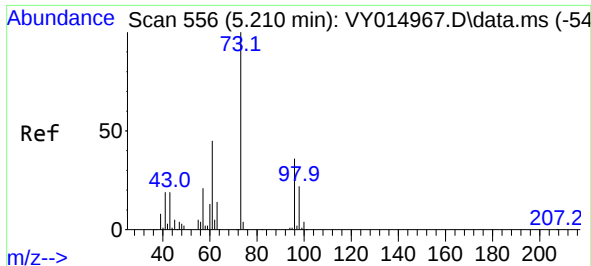
Tgt Ion: 73 Resp: 165575  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 3.979 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. -0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

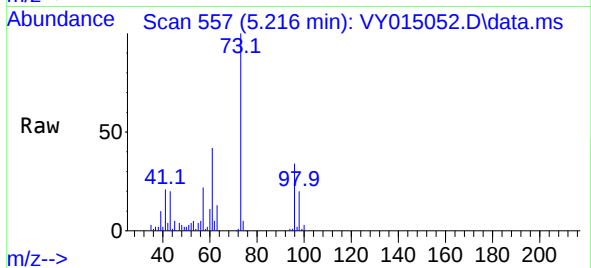
Tgt Ion: 84 Resp: 70940  
Ion Ratio Lower Upper  
84 100  
49 119.4 106.9 160.3  
51 32.4 33.2 49.8#  
86 62.7 51.0 76.6



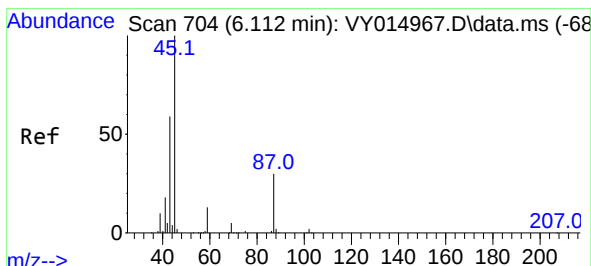
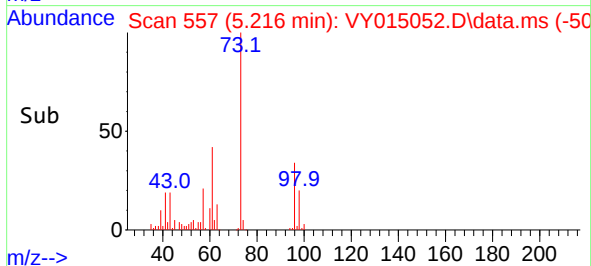
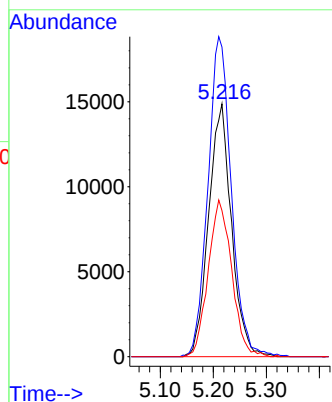


#21  
trans-1,2-Dichloroethene  
Concen: 17.320 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

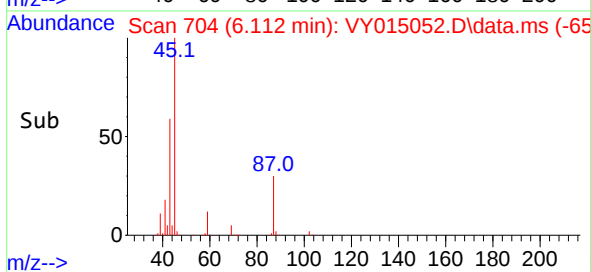
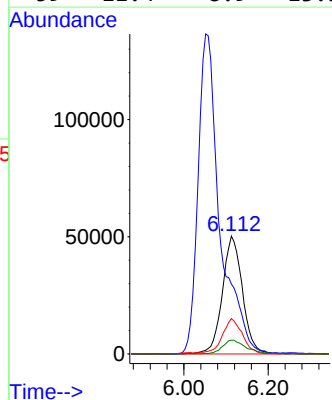
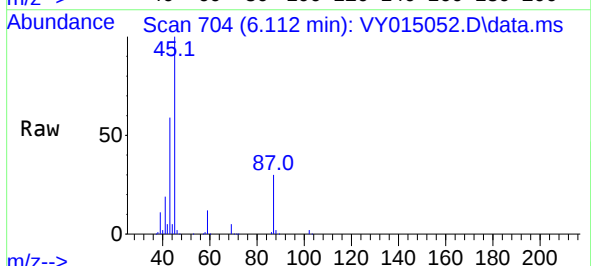


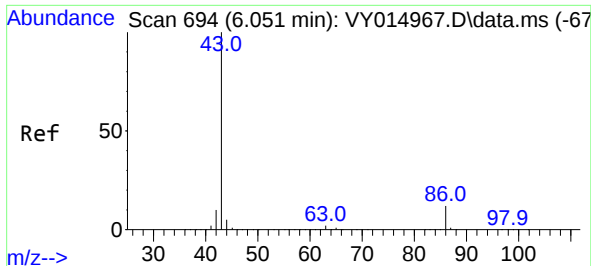
Tgt Ion: 96 Resp: 44617  
Ion Ratio Lower Upper  
96 100  
61 122.5 110.2 165.4  
98 57.8 51.8 77.6



#22  
Diisopropyl ether  
Concen: 18.907 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 45 Resp: 165739  
Ion Ratio Lower Upper  
45 100  
43 59.0 52.2 78.4  
87 30.0 21.0 31.6  
59 11.4 8.9 13.3

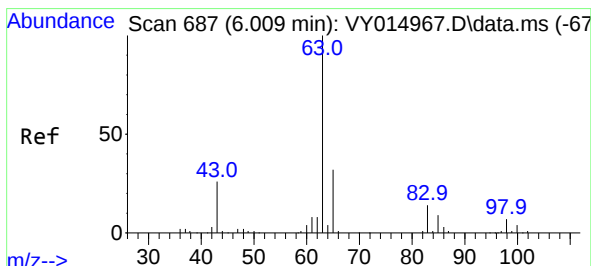
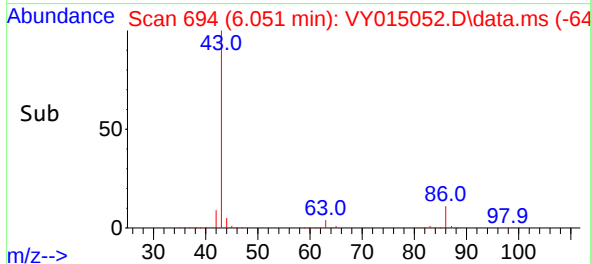
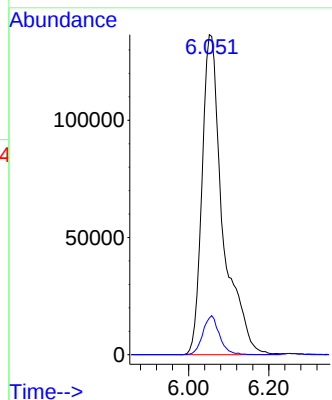
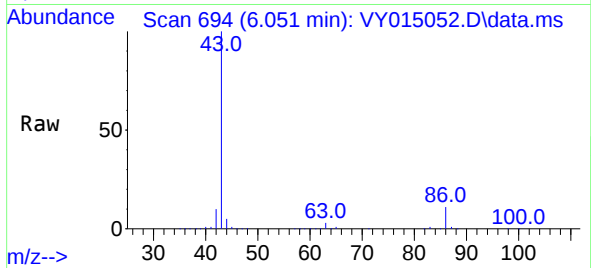




#23  
 Vinyl Acetate  
 Concen: 93.422 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY015052.D  
 Acq: 11 Aug 2023 12:21

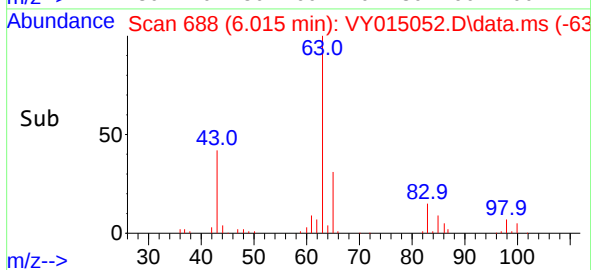
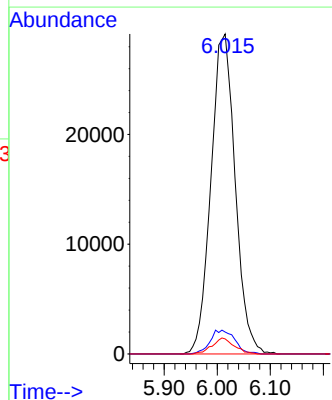
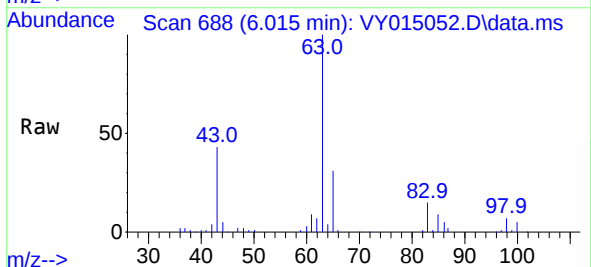
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

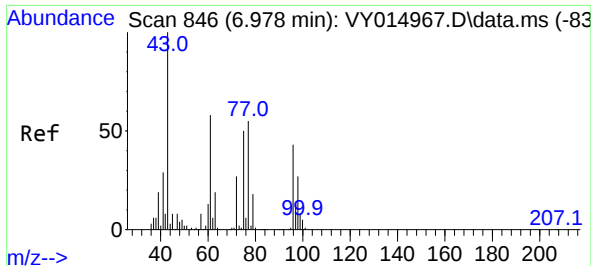
Tgt Ion: 43 Resp: 492287  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 7.5 11.3#



#24  
 1,1-Dichloroethane  
 Concen: 18.670 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.006 min  
 Lab File: VY015052.D  
 Acq: 11 Aug 2023 12:21

Tgt Ion: 63 Resp: 92831  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.1 9.4  
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 97.067 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA\_Y

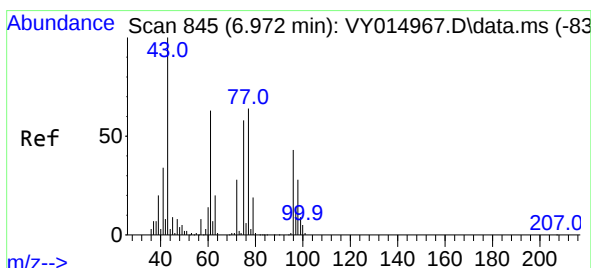
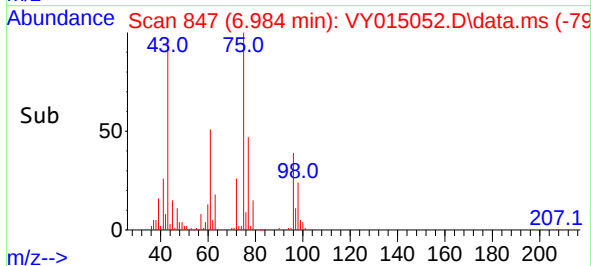
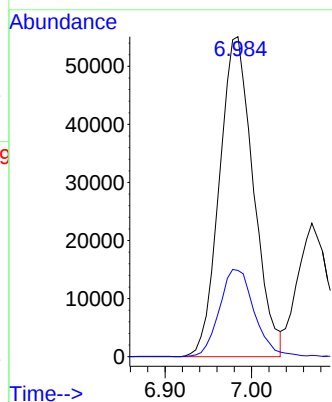
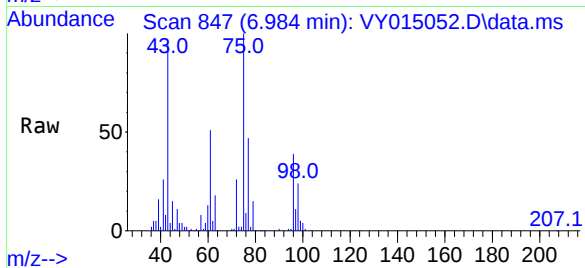
ClientSampleId :

Tgt Ion: 43 Resp: 150237

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.098 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015052.D

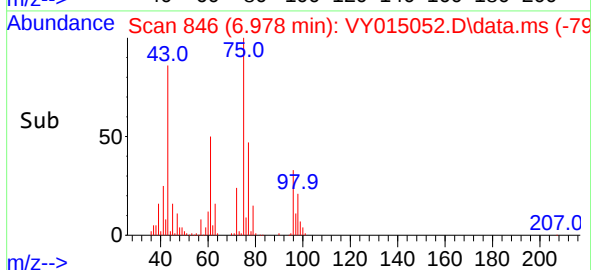
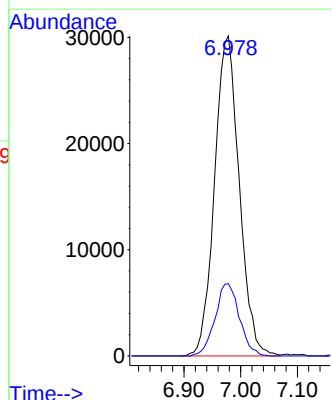
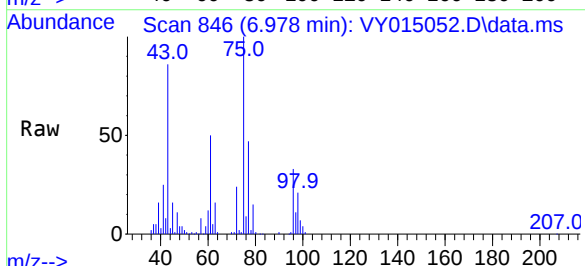
Acq: 11 Aug 2023 12:21

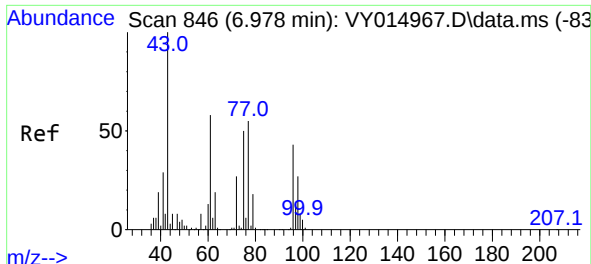
Tgt Ion: 77 Resp: 91055

Ion Ratio Lower Upper

77 100

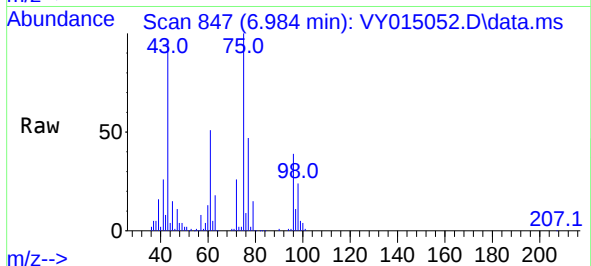
97 22.3 10.9 32.9





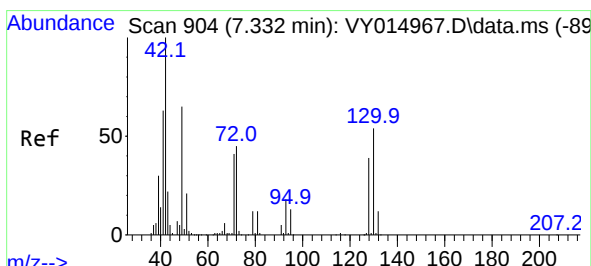
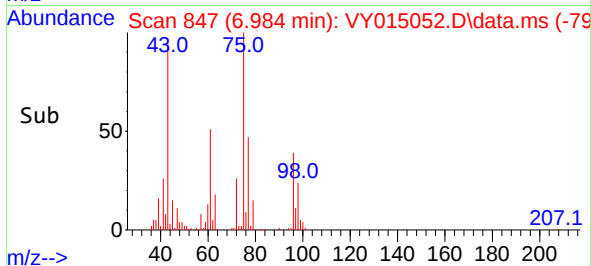
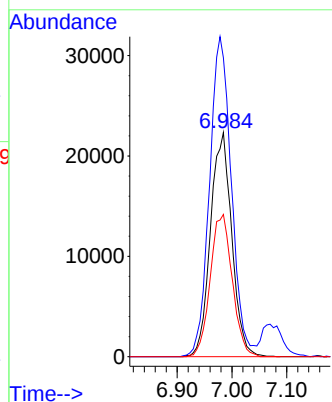
#27  
 cis-1,2-Dichloroethene  
 Concen: 18.482 ug/l  
 RT: 6.984 min Scan# 846  
 Delta R.T. 0.006 min  
 Lab File: VY015052.D  
 Acq: 11 Aug 2023 12:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 60251  

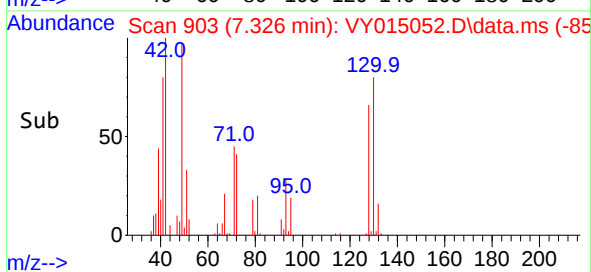
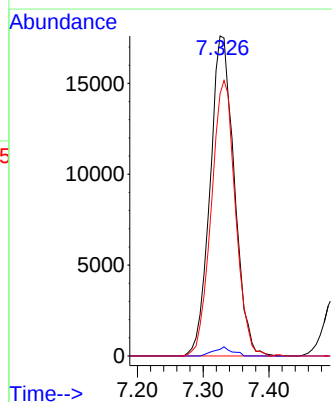
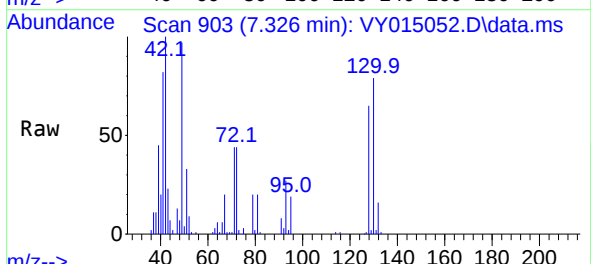
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 146.4 | 0.0   | 301.4 |
| 98  | 65.6  | 0.0   | 130.4 |

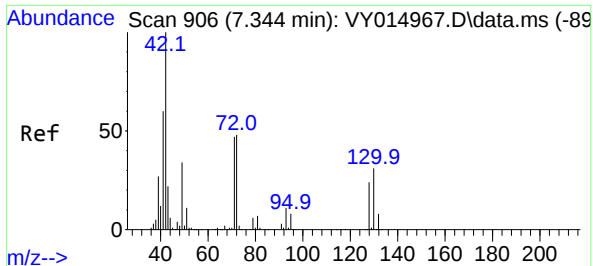


#28  
 Bromochloromethane  
 Concen: 20.140 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.006 min  
 Lab File: VY015052.D  
 Acq: 11 Aug 2023 12:21

Tgt Ion: 49 Resp: 45142  

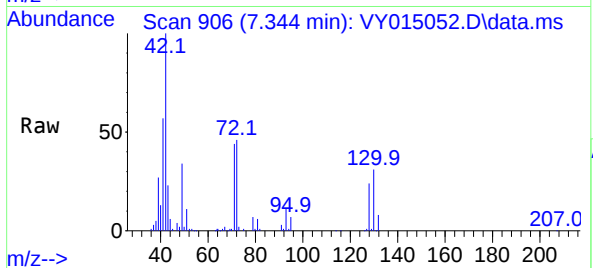
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.1   | 0.0   | 4.6   |
| 130 | 85.4  | 60.7  | 91.1  |



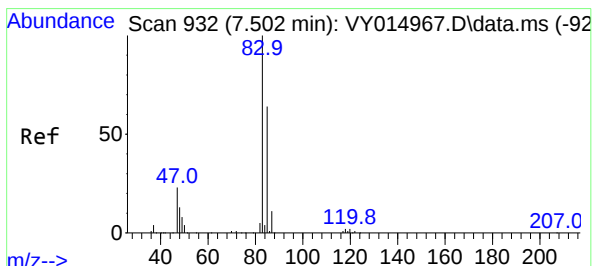
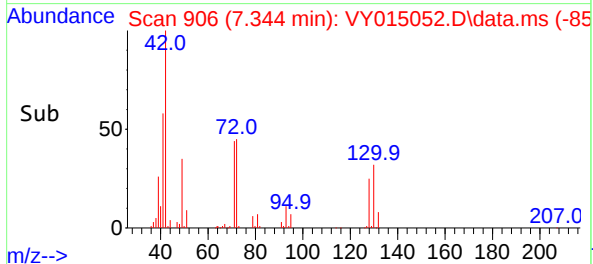
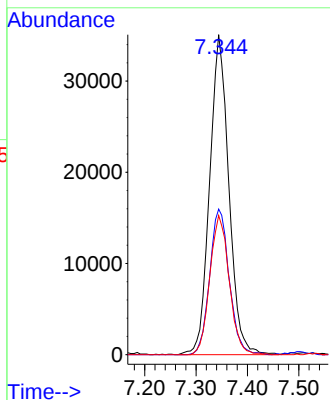


#29  
Tetrahydrofuran  
Concen: 100.401 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

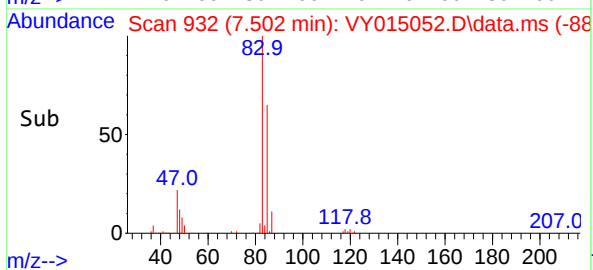
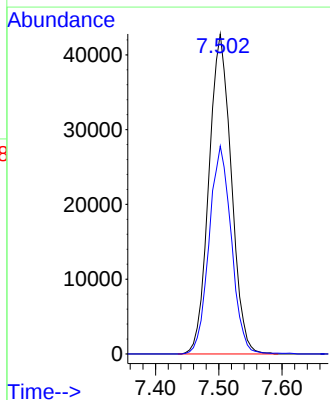
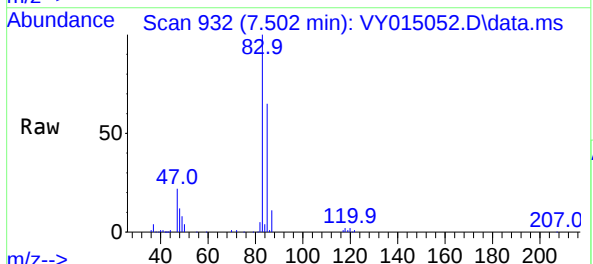


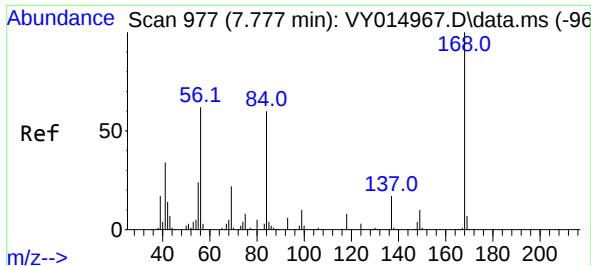
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 91128 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 46.3  | 32.8  | 49.2  |
| 71       | 43.9  | 31.0  | 46.4  |



#30  
Chloroform  
Concen: 19.473 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

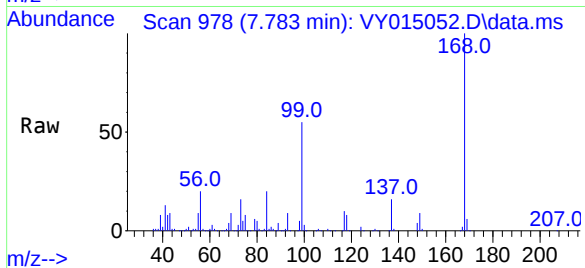
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 105178 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.9  | 49.7  | 74.5   |



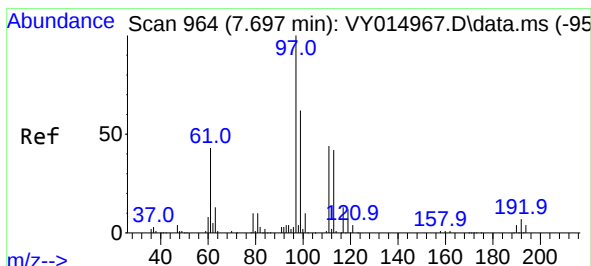
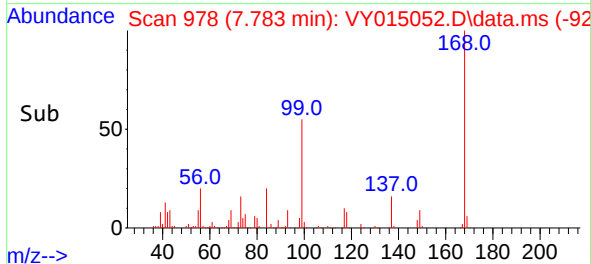
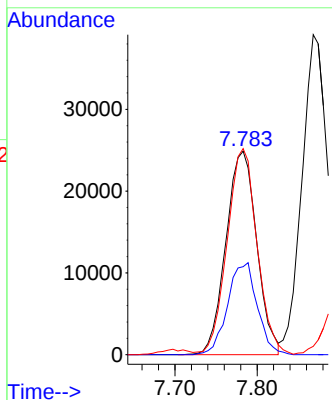


#31  
Cyclohexane  
Concen: 15.647 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

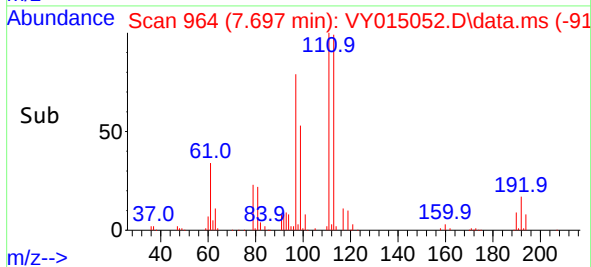
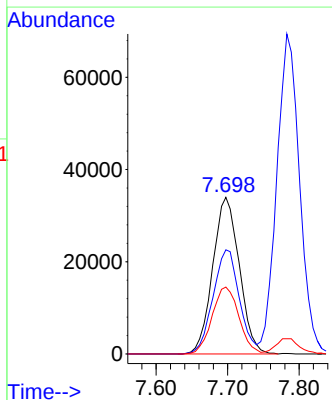
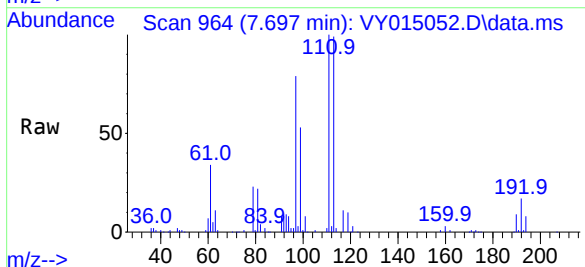


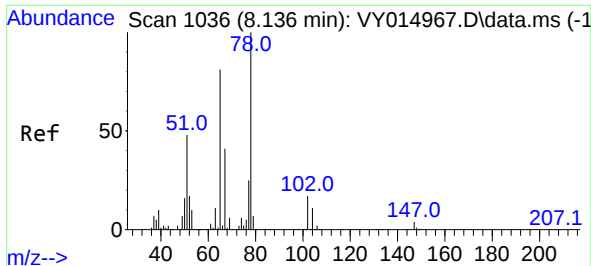
Tgt Ion: 56 Resp: 64743  
Ion Ratio Lower Upper  
56 100  
69 43.3 27.8 41.6#  
84 99.5 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 18.404 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 97 Resp: 87605  
Ion Ratio Lower Upper  
97 100  
99 65.9 50.8 76.2  
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.959 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA\_Y

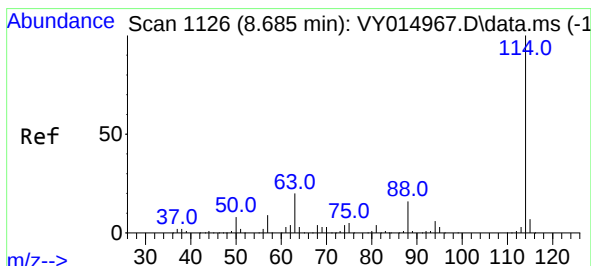
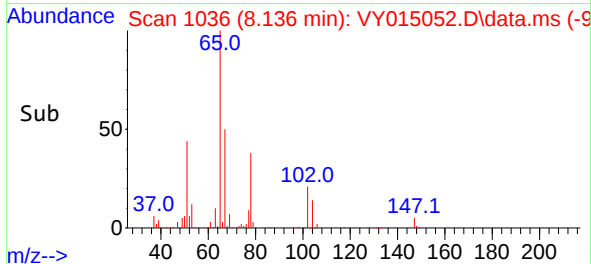
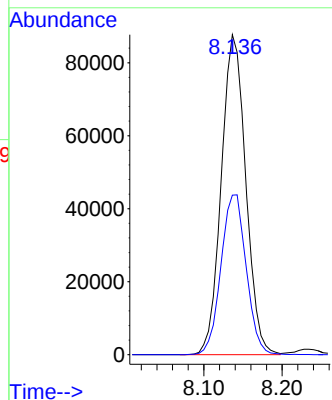
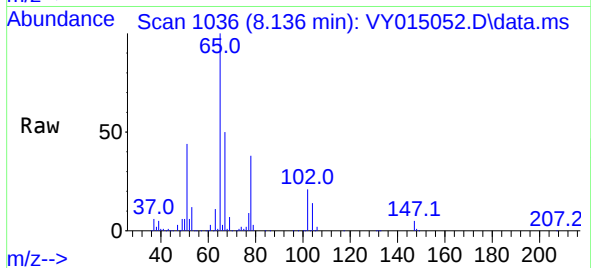
ClientSampleId :

Tgt Ion: 65 Resp: 190454

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

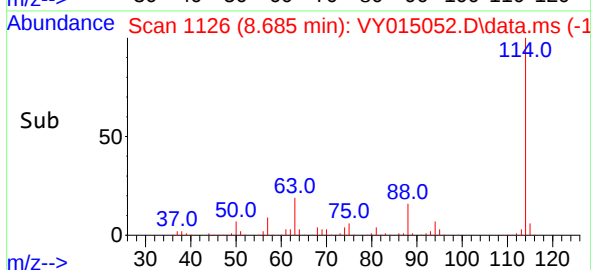
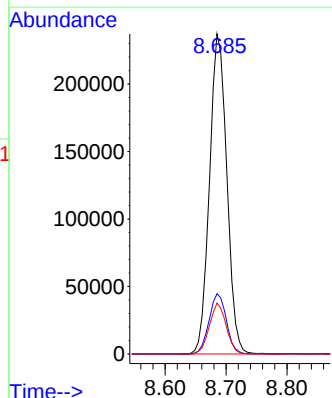
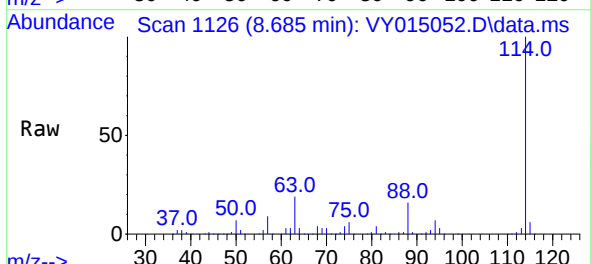
Tgt Ion: 114 Resp: 468704

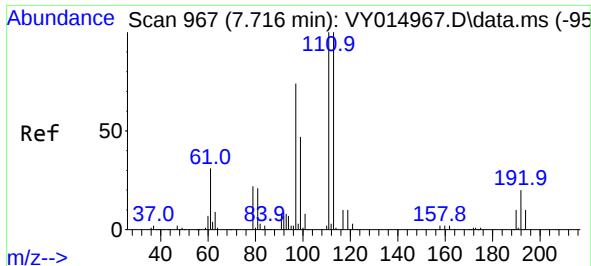
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

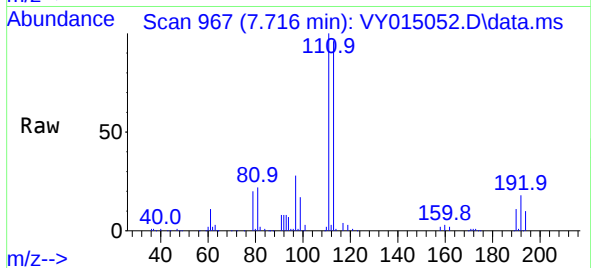
88 15.9 0.0 30.6



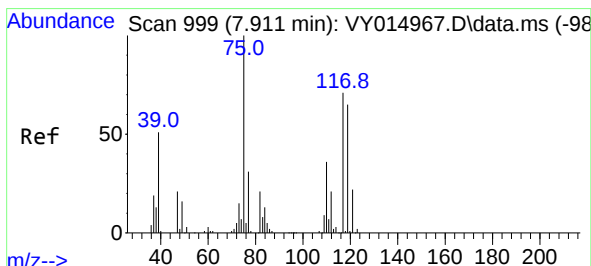
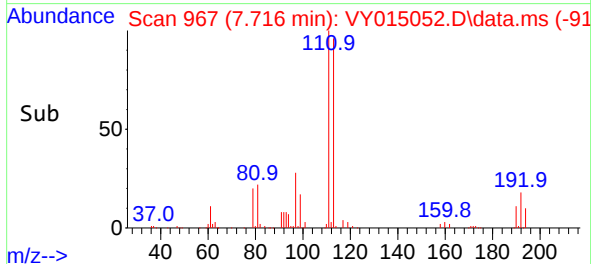
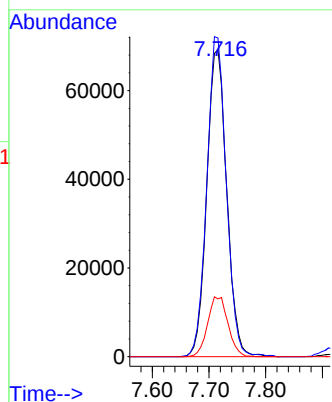


#35  
Dibromofluoromethane  
Concen: 56.409 ug/l  
RT: 7.716 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

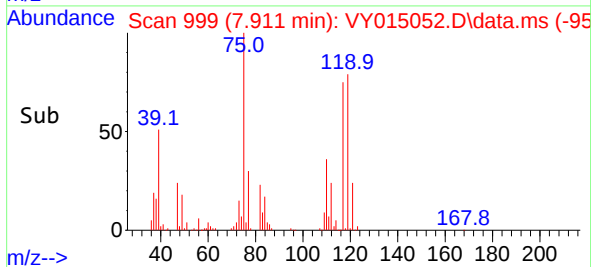
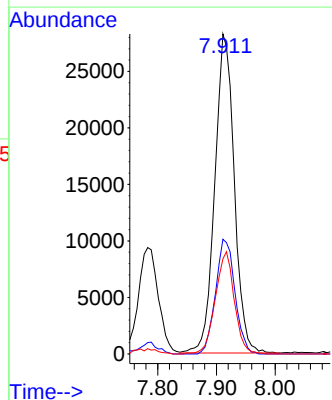
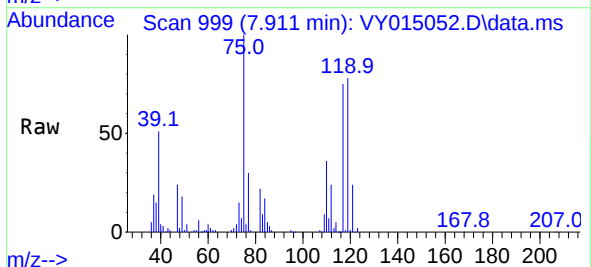


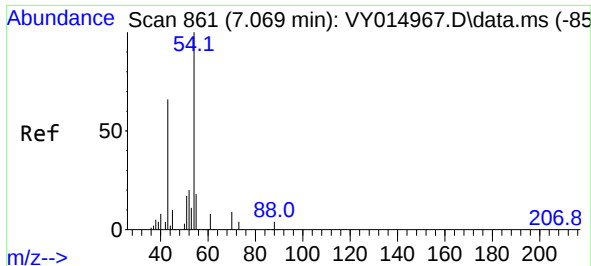
Tgt Ion:113 Resp: 169073  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.3 121.9  
192 19.9 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 17.464 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

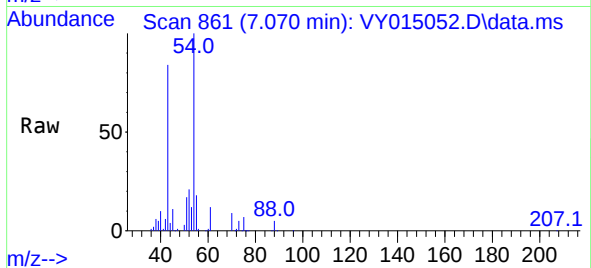
Tgt Ion: 75 Resp: 64985  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.8 53.5  
77 31.3 24.4 36.6



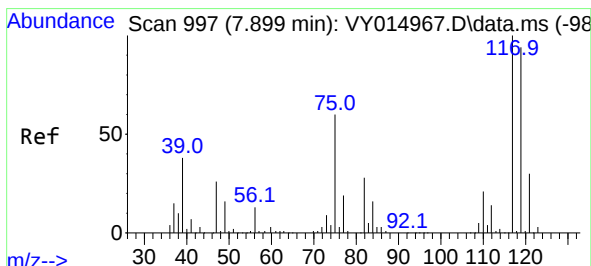
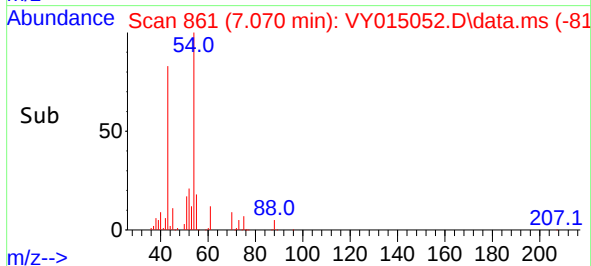
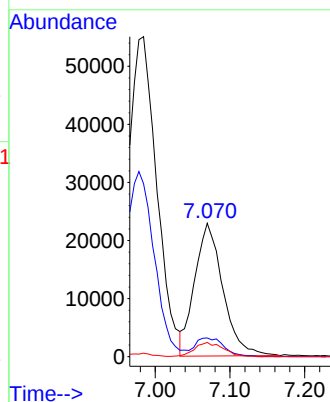


#37  
Ethyl Acetate  
Concen: 20.261 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

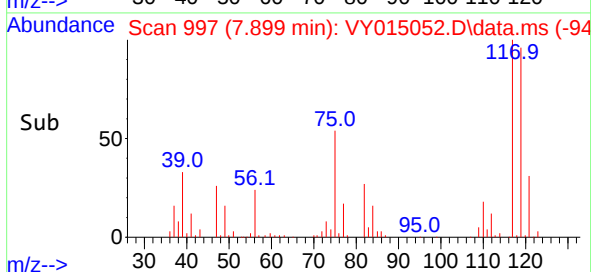
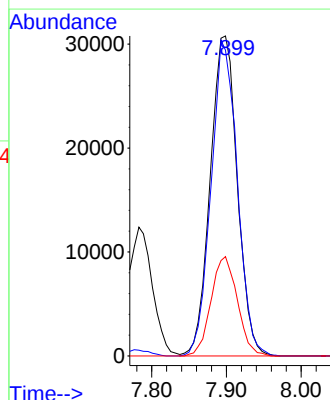
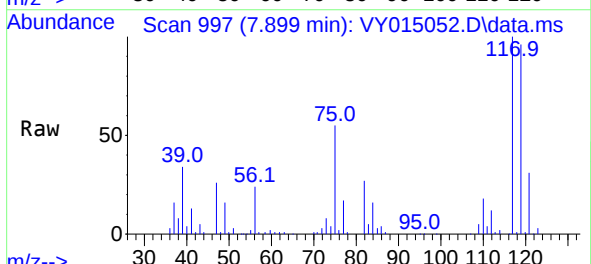


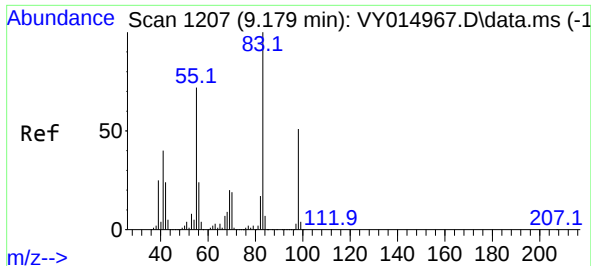
Tgt Ion: 43 Resp: 59846  
Ion Ratio Lower Upper  
43 100  
61 14.1 10.1 15.1  
70 10.9 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 18.521 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 117 Resp: 77481  
Ion Ratio Lower Upper  
117 100  
119 95.6 76.4 114.6  
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 16.570 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

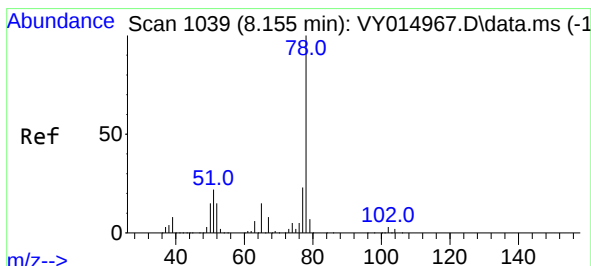
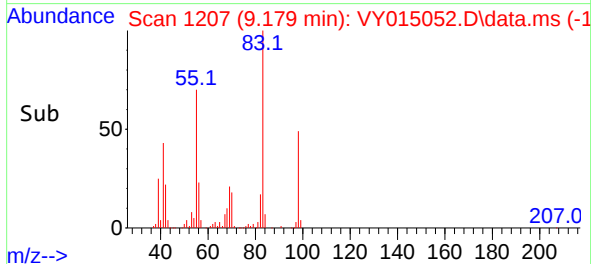
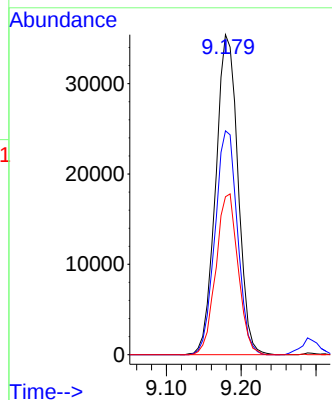
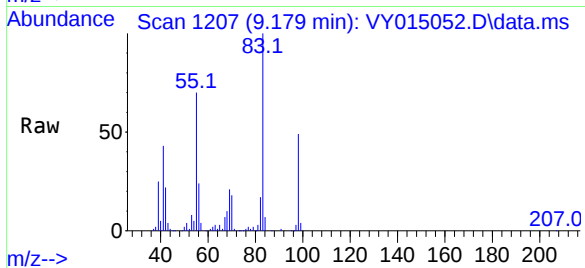
Tgt Ion: 83 Resp: 73328

Ion Ratio Lower Upper

83 100

55 69.9 63.0 94.4

98 49.4 37.4 56.2



#40

Benzene

Concen: 18.238 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015052.D

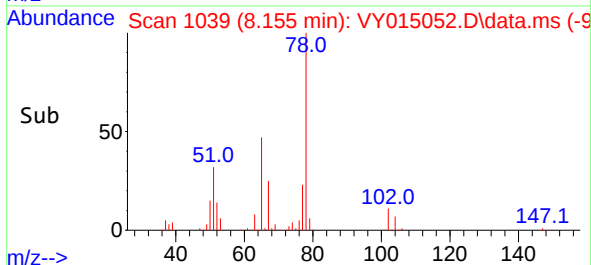
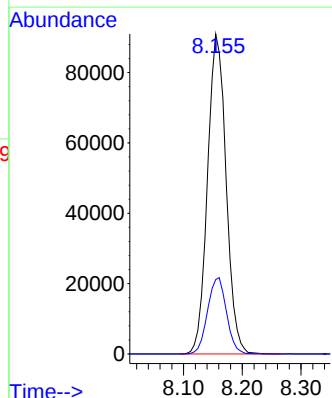
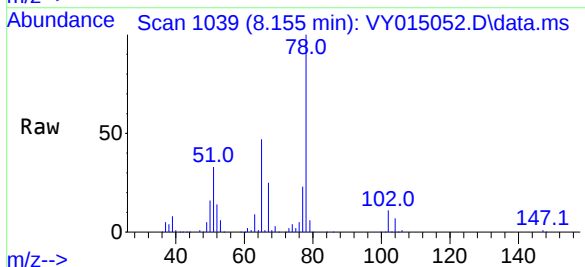
Acq: 11 Aug 2023 12:21

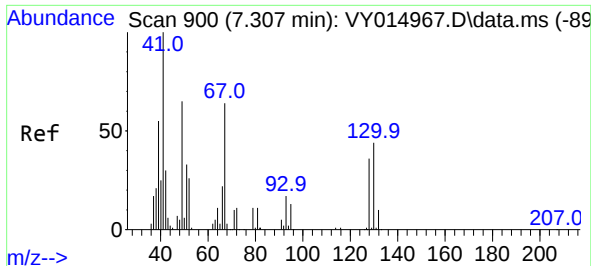
Tgt Ion: 78 Resp: 199842

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

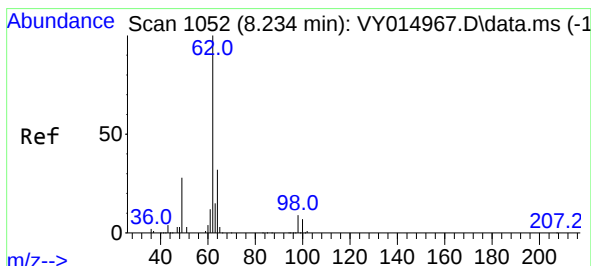
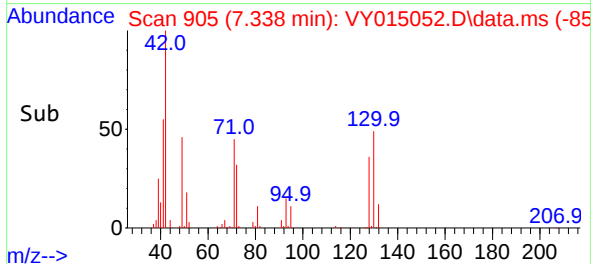
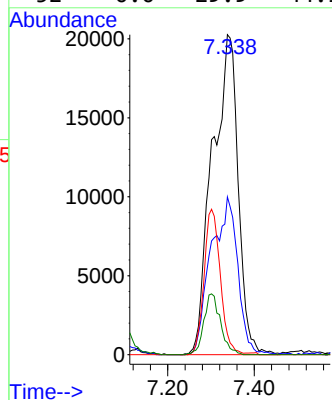
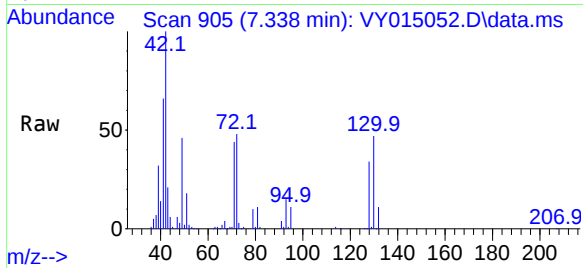




#41  
Methacrylonitrile  
Concen: 58.549 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.031 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

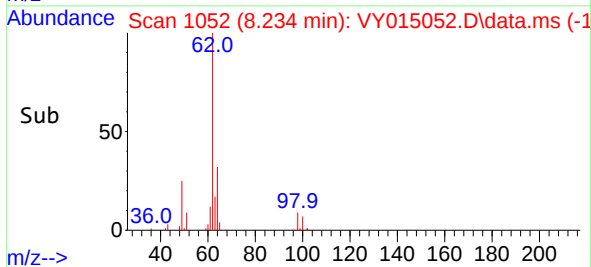
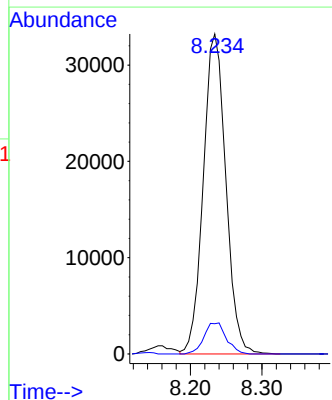
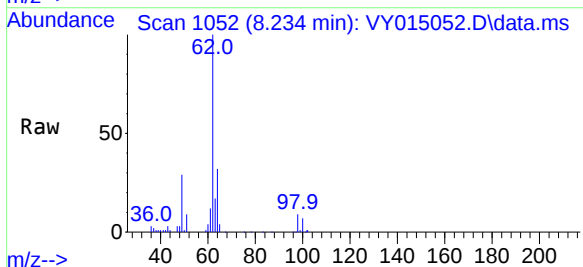
Instrument :  
MSVOA\_Y  
ClientSampleId :

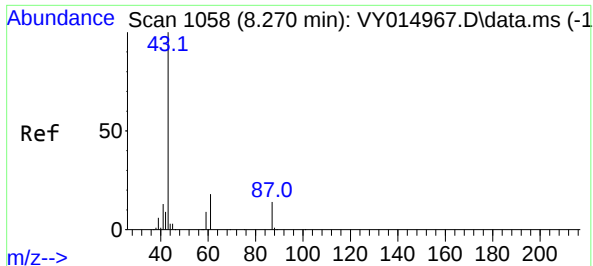
Tgt Ion: 41 Resp: 84042  
Ion Ratio Lower Upper  
41 100  
39 50.9 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 19.077 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

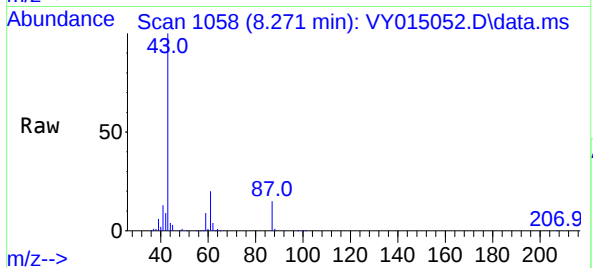
Tgt Ion: 62 Resp: 72761  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 15.8



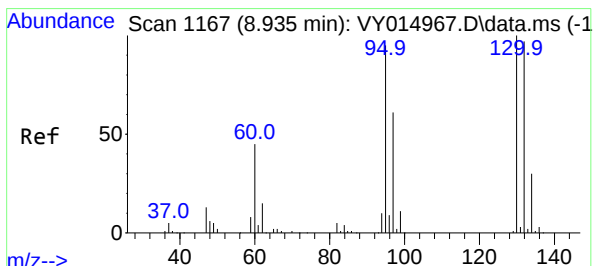
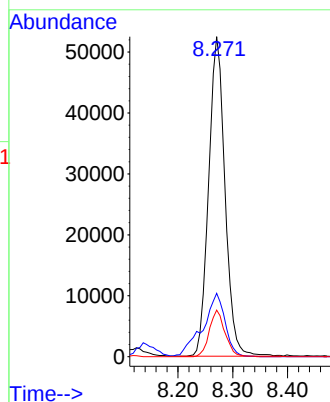
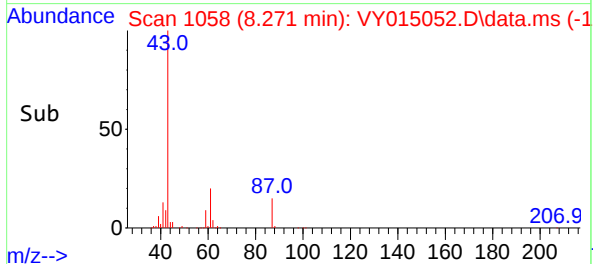


#43  
Isopropyl Acetate  
Concen: 19.760 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

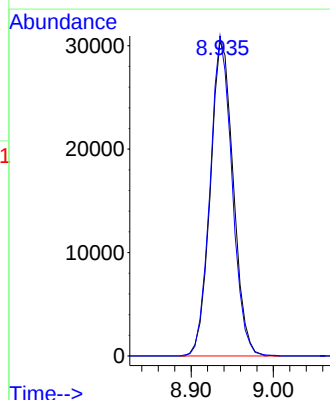
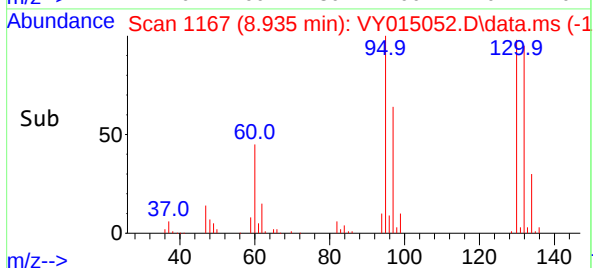
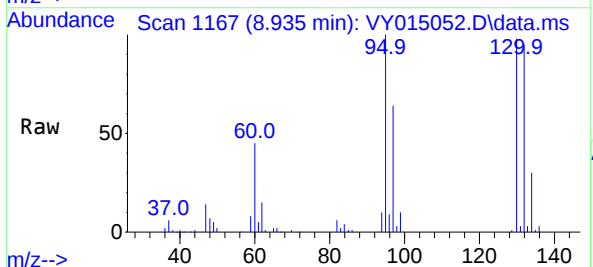


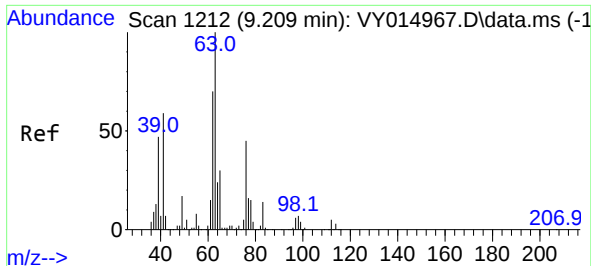
Tgt Ion: 43 Resp: 108440  
Ion Ratio Lower Upper  
43 100  
61 27.1 21.1 31.7  
87 14.0 9.8 14.8



#44  
Trichloroethene  
Concen: 18.738 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:130 Resp: 58913  
Ion Ratio Lower Upper  
130 100  
95 101.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.871 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA\_Y

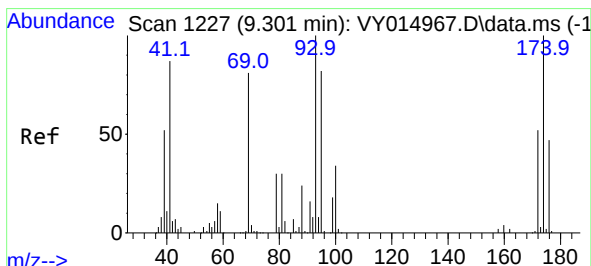
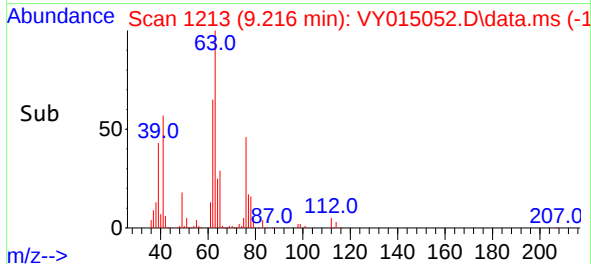
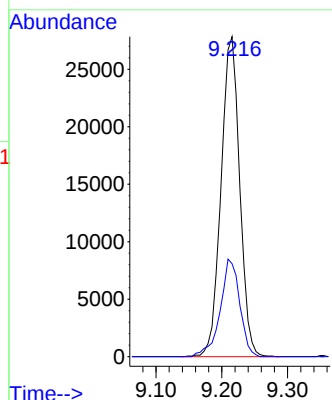
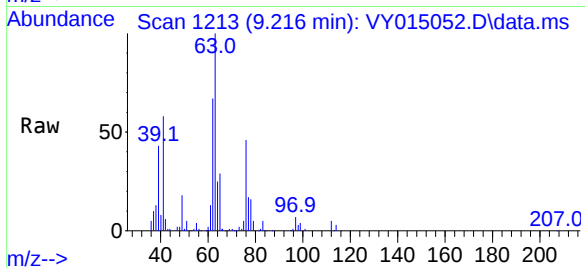
ClientSampleId :

Tgt Ion: 63 Resp: 54953

Ion Ratio Lower Upper

63 100

65 29.0 23.8 35.6



#46

Dibromomethane

Concen: 19.480 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

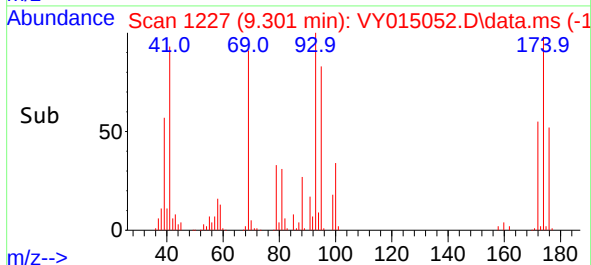
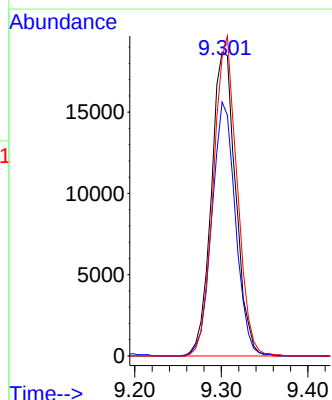
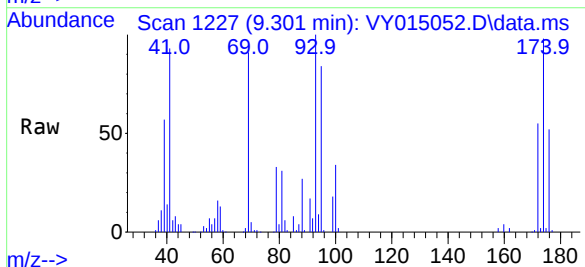
Tgt Ion: 93 Resp: 36543

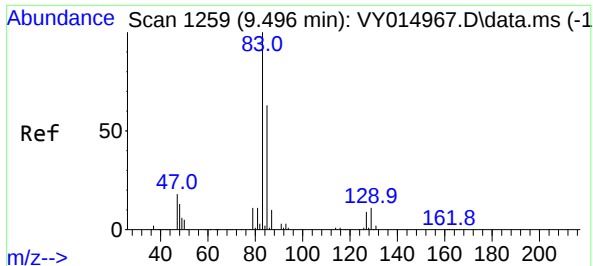
Ion Ratio Lower Upper

93 100

95 80.7 66.6 100.0

174 101.8 84.8 127.2

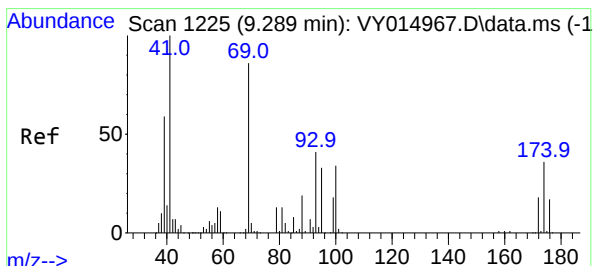
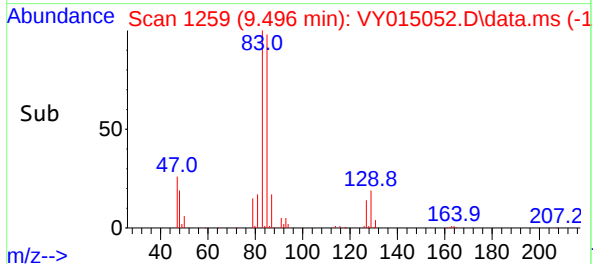
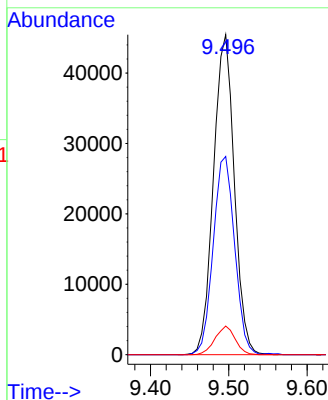
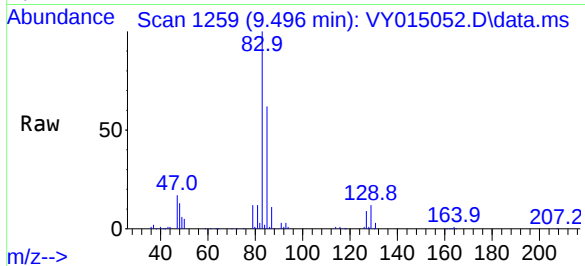




#47  
Bromodichloromethane  
Concen: 19.455 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

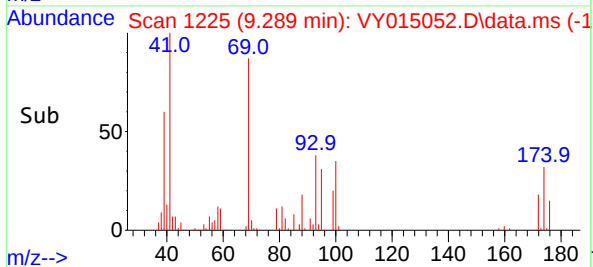
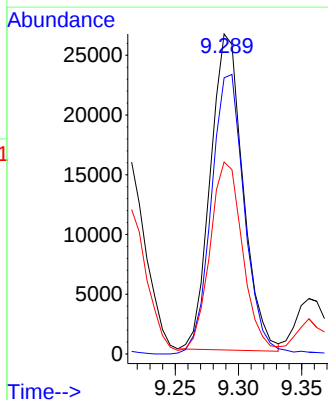
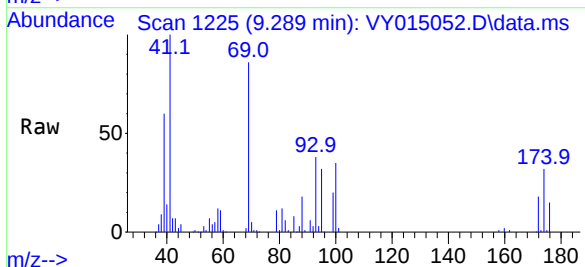
Instrument :  
MSVOA\_Y  
ClientSampleId :

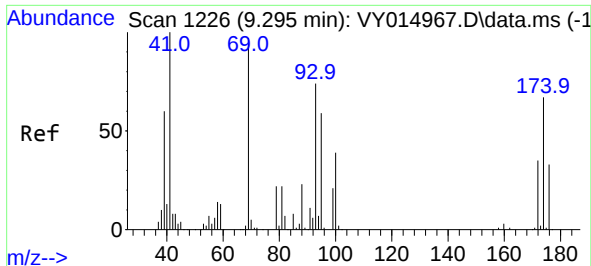
Tgt Ion: 83 Resp: 84044  
Ion Ratio Lower Upper  
83 100  
85 61.9 50.1 75.1  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.669 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 41 Resp: 47358  
Ion Ratio Lower Upper  
41 100  
69 90.4 64.5 96.7  
39 62.0 50.8 76.2





#49

1,4-Dioxane

Concen: 405.802 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

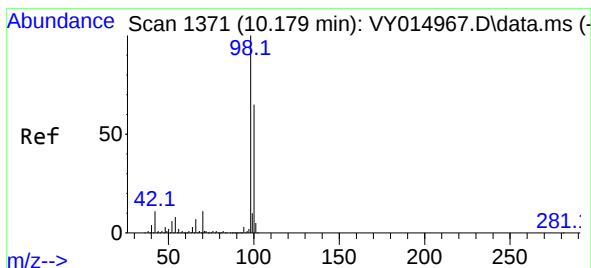
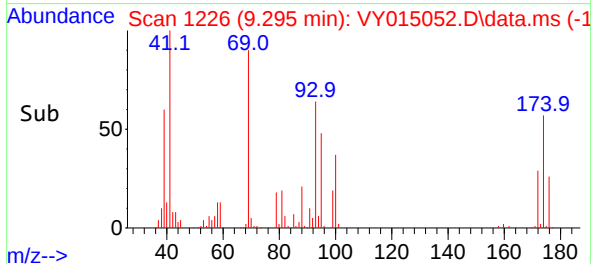
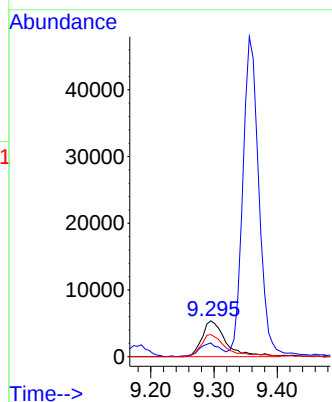
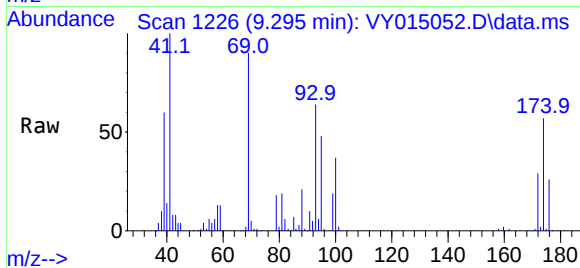
Tgt Ion: 88 Resp: 14160

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0#

58 61.2 30.9 46.3#



#50

Toluene-d8

Concen: 54.364 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015052.D

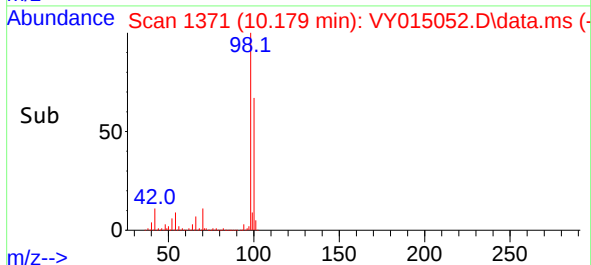
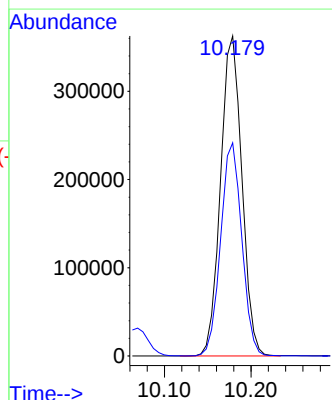
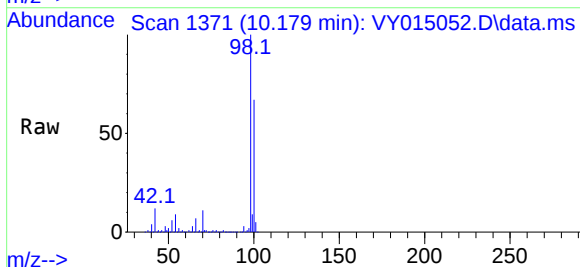
Acq: 11 Aug 2023 12:21

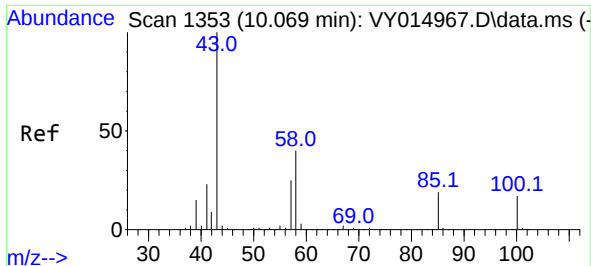
Tgt Ion: 98 Resp: 620198

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1

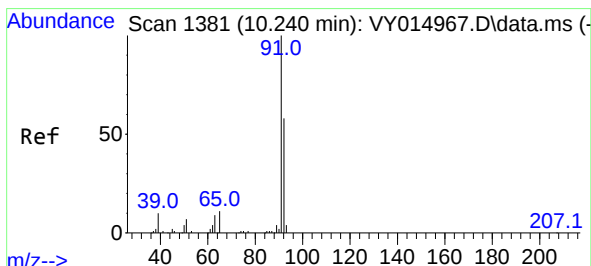
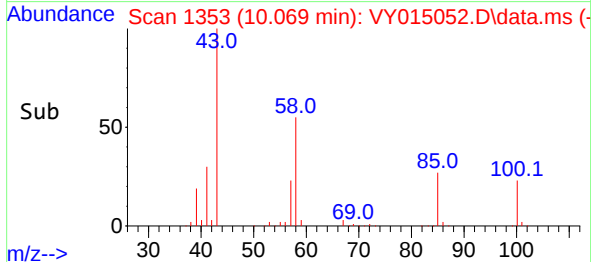
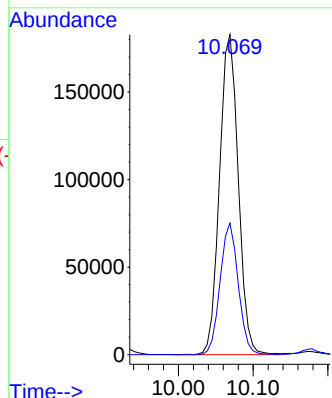
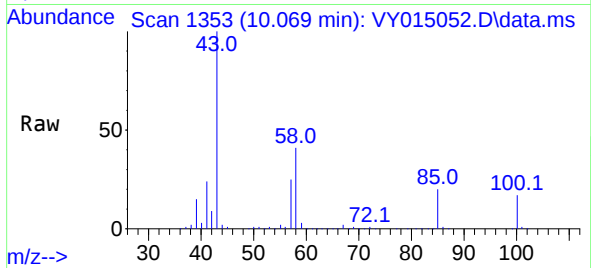




#51  
4-Methyl-2-Pentanone  
Concen: 103.387 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

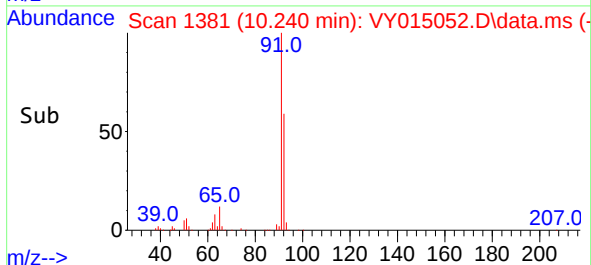
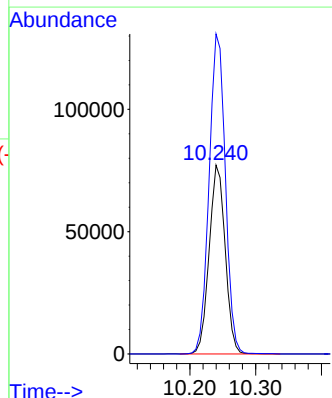
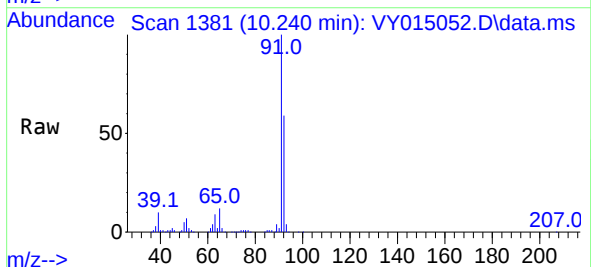
Instrument :  
MSVOA\_Y  
ClientSampleId :

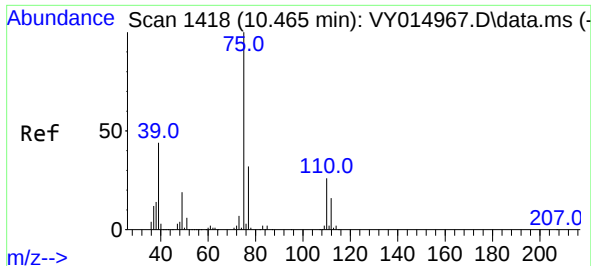
Tgt Ion: 43 Resp: 319730  
Ion Ratio Lower Upper  
43 100  
58 39.9 29.0 43.6



#52  
Toluene  
Concen: 18.565 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 92 Resp: 130906  
Ion Ratio Lower Upper  
92 100  
91 171.8 143.8 215.6

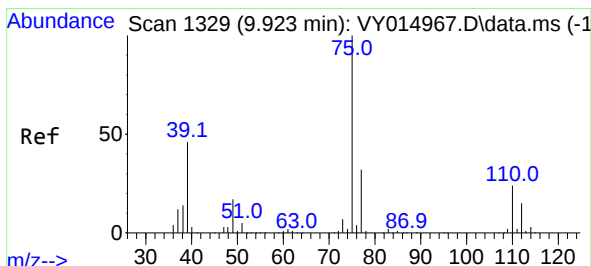
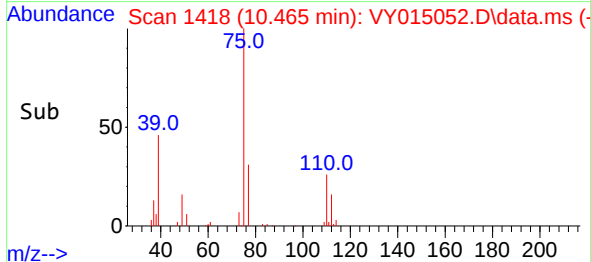
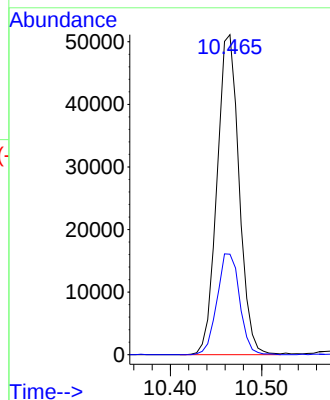
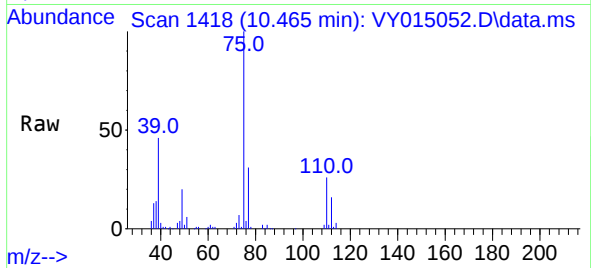




#53  
t-1,3-Dichloropropene  
Concen: 19.097 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

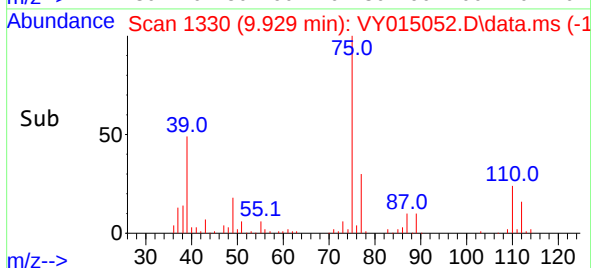
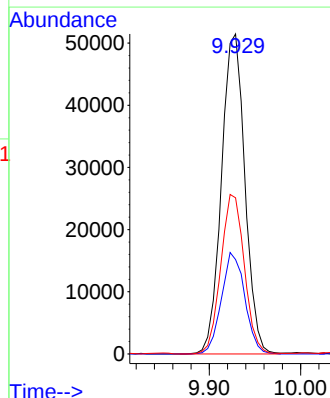
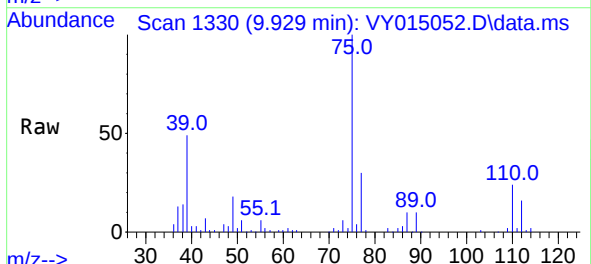
Instrument :  
MSVOA\_Y  
ClientSampleId :

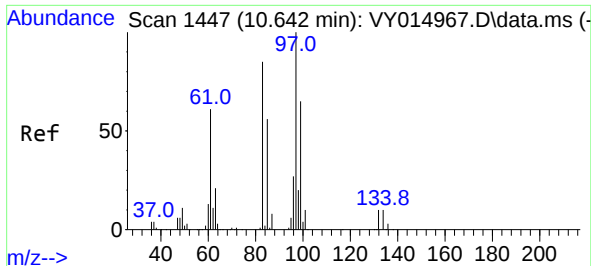
Tgt Ion: 75 Resp: 85911  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 18.882 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 75 Resp: 91774  
Ion Ratio Lower Upper  
75 100  
77 29.5 24.2 36.4  
39 48.8 42.2 63.4

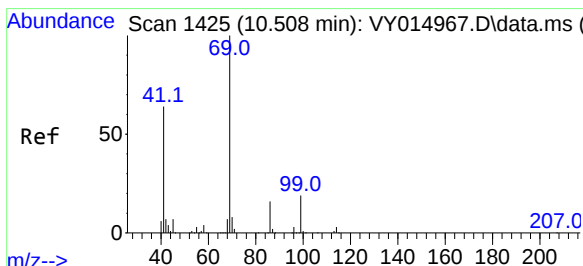
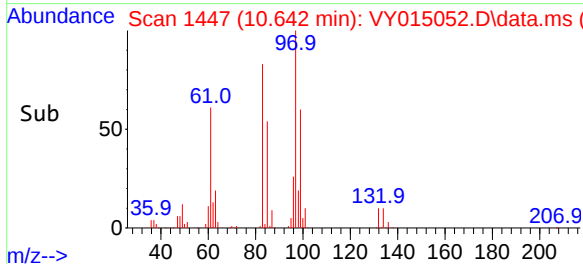
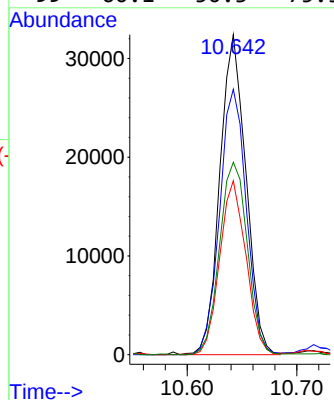
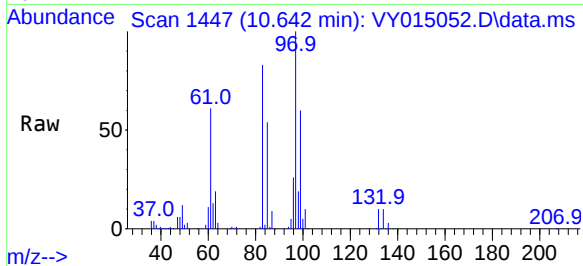




#55  
1,1,2-Trichloroethane  
Concen: 19.663 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

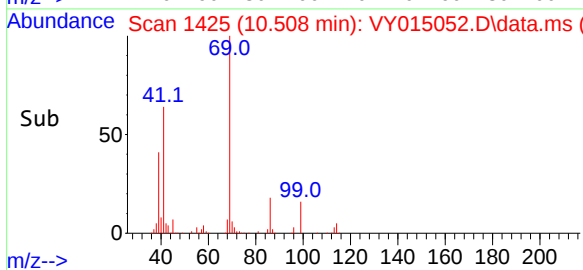
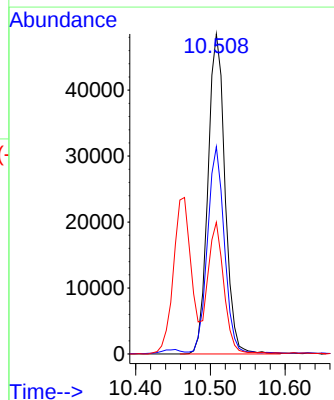
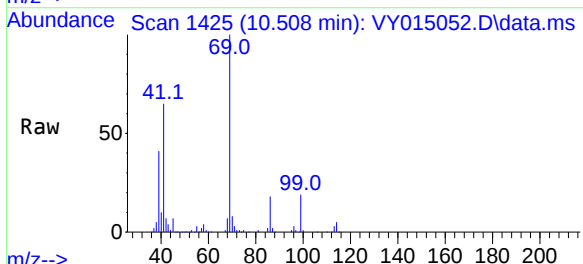
Instrument :  
MSVOA\_Y  
ClientSampleId :

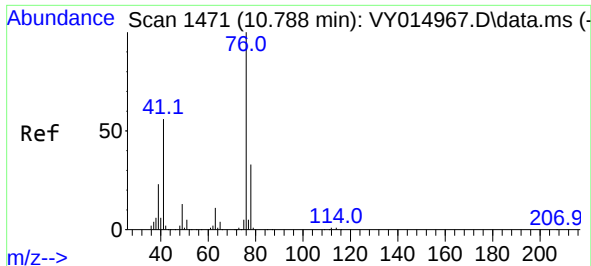
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 53613 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.0     | 72.0 108.0  |
| 85 54.2     | 45.4 68.0   |
| 99 60.1     | 50.3 75.5   |



#56  
Ethyl methacrylate  
Concen: 19.711 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 76956 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 63.6     | 57.6 86.4   |
| 39 39.0     | 34.1 51.1   |





#57

1,3-Dichloropropane

Concen: 19.722 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA\_Y

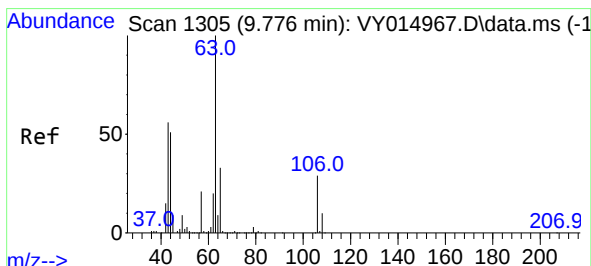
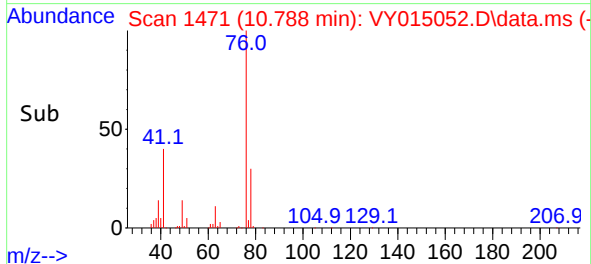
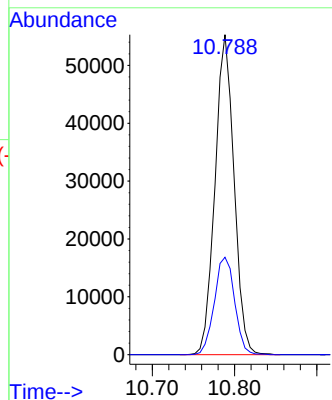
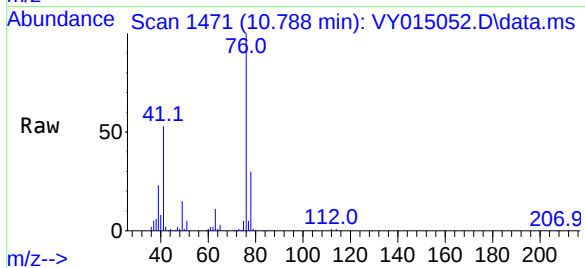
ClientSampleId :

Tgt Ion: 76 Resp: 88968

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.849 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015052.D

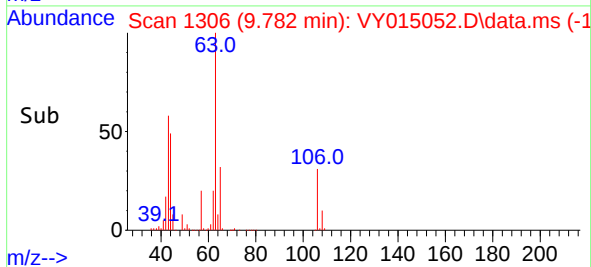
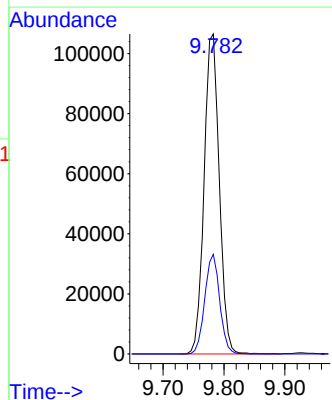
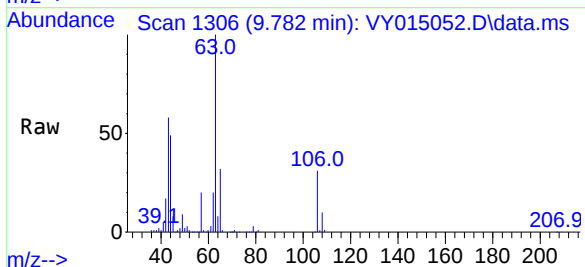
Acq: 11 Aug 2023 12:21

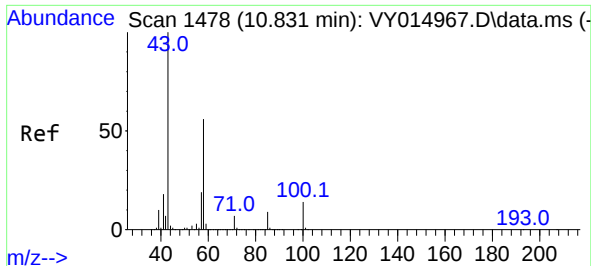
Tgt Ion: 63 Resp: 184321

Ion Ratio Lower Upper

63 100

106 30.6 21.2 31.8

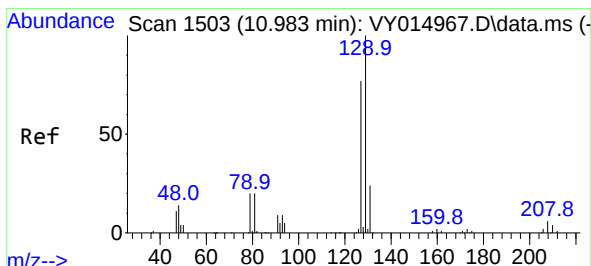
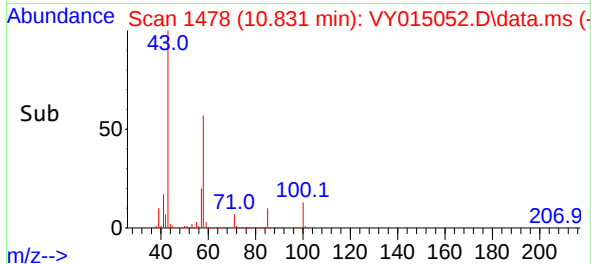
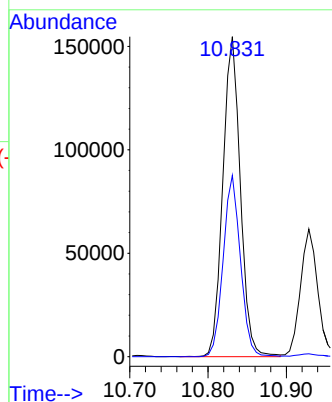
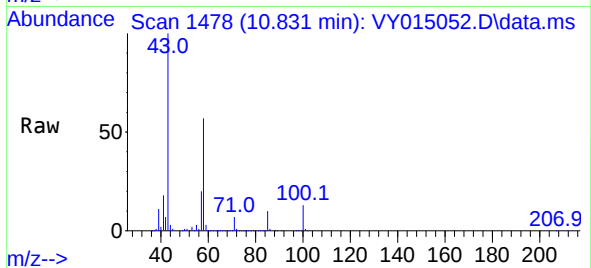




#59  
2-Hexanone  
Concen: 105.424 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

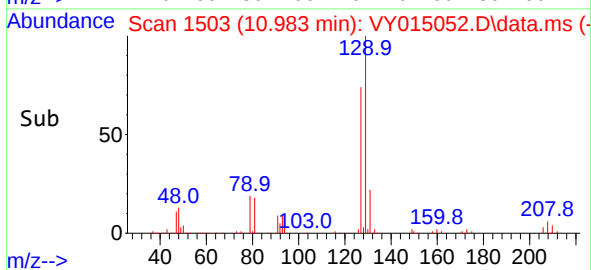
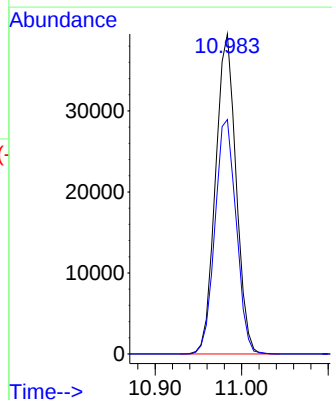
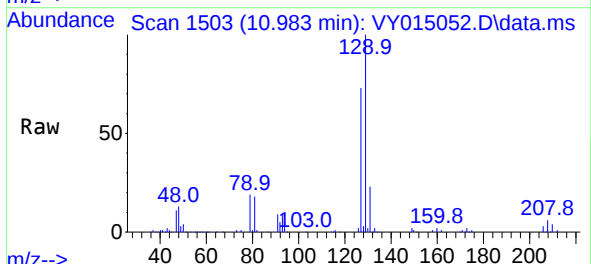
Instrument :  
MSVOA\_Y  
ClientSampleId :

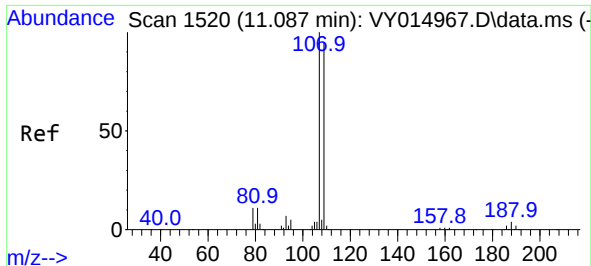
Tgt Ion: 43 Resp: 240844  
Ion Ratio Lower Upper  
43 100  
58 55.8 25.1 75.3



#60  
Dibromochloromethane  
Concen: 20.038 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:129 Resp: 65053  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.5 115.5

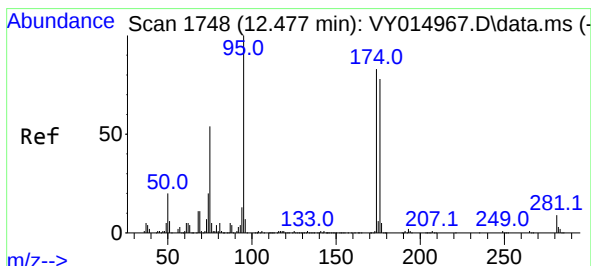
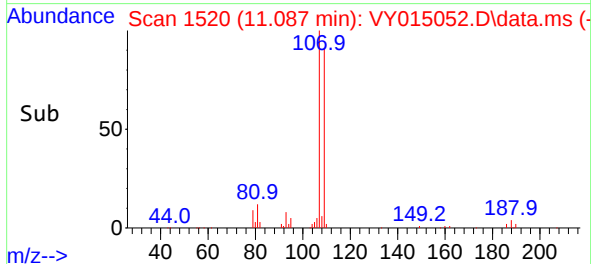
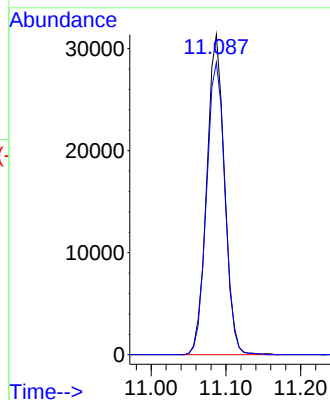
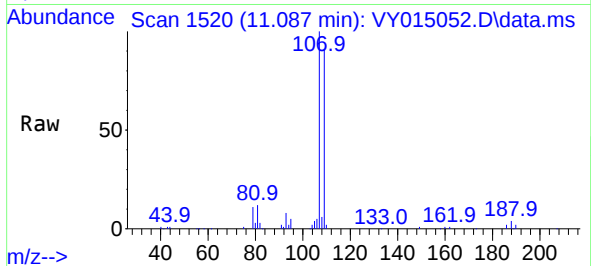




#61  
1,2-Dibromoethane  
Concen: 19.908 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

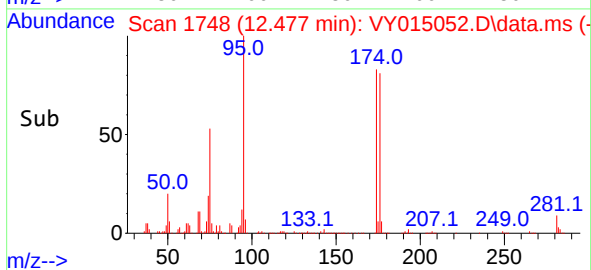
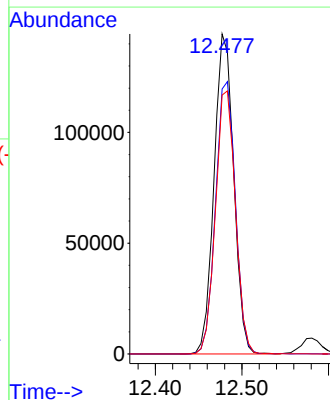
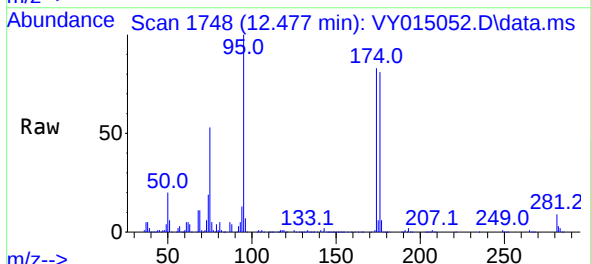
Instrument :  
MSVOA\_Y  
ClientSampleId :

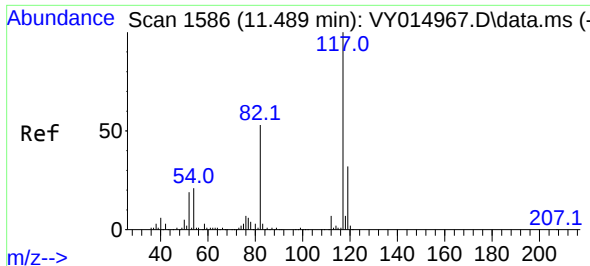
Tgt Ion:107 Resp: 51811  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 56.270 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

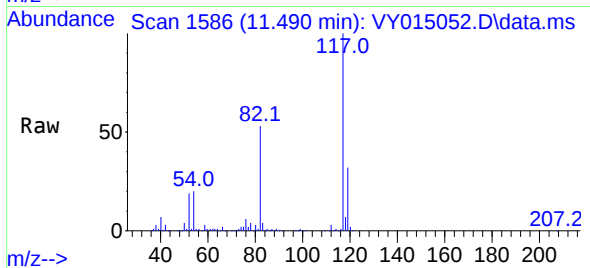
Tgt Ion: 95 Resp: 227516  
Ion Ratio Lower Upper  
95 100  
174 86.0 0.0 178.2  
176 83.7 0.0 173.8



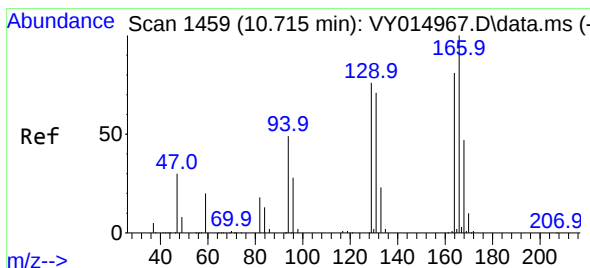
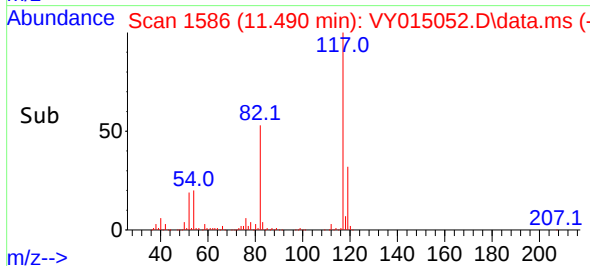
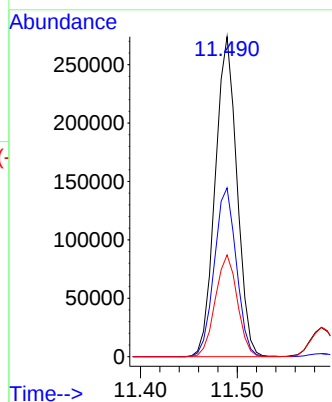


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

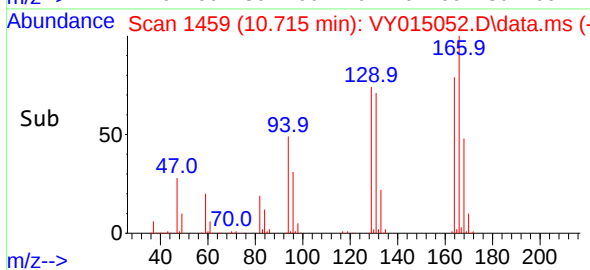
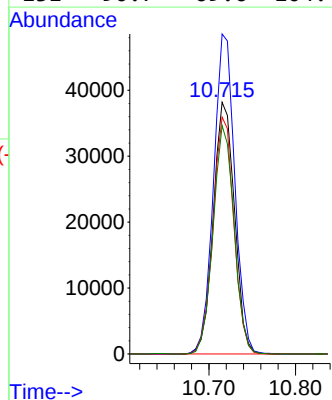
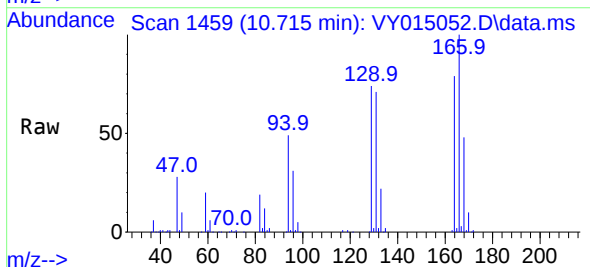


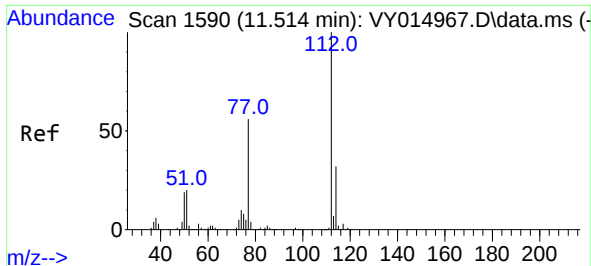
Tgt Ion:117 Resp: 427144  
Ion Ratio Lower Upper  
117 100  
82 52.8 43.4 65.0  
119 31.8 26.3 39.5



#64  
Tetrachloroethene  
Concen: 20.262 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:164 Resp: 65102  
Ion Ratio Lower Upper  
164 100  
166 127.2 103.0 154.6  
129 94.1 77.2 115.8  
131 90.7 69.6 104.4

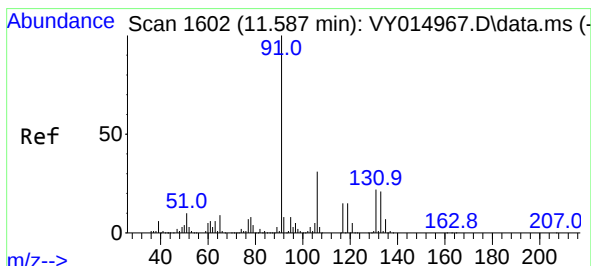
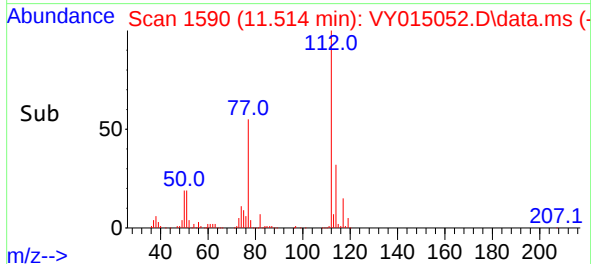
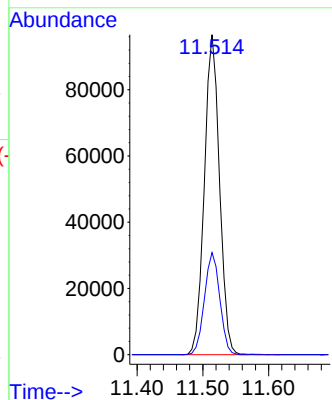
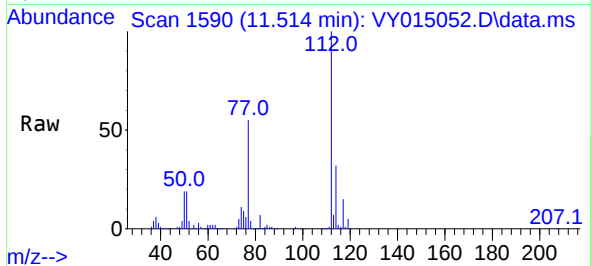




#65  
Chlorobenzene  
Concen: 19.098 ug/l  
RT: 11.514 min Scan# 11590  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

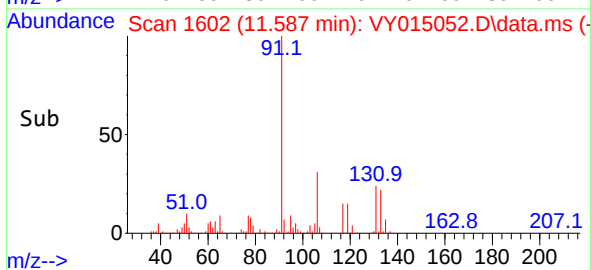
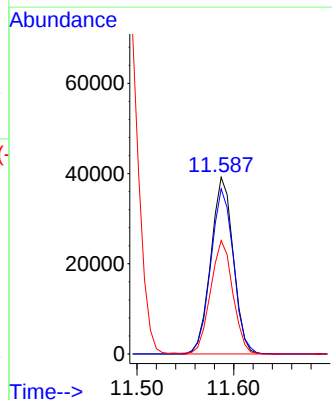
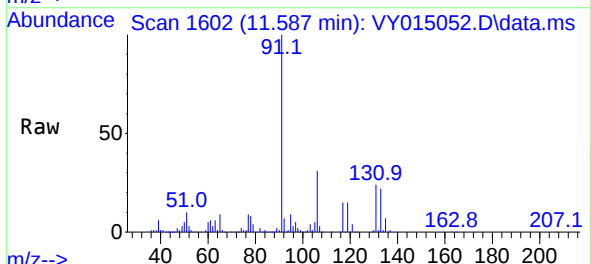
Instrument :  
MSVOA\_Y  
ClientSampleId :

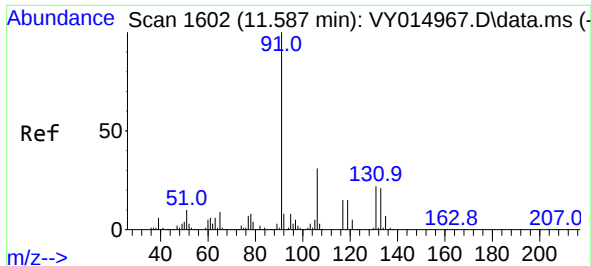
Tgt Ion:112 Resp: 154791  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.851 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:131 Resp: 63046  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.5 142.6  
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 18.761 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA\_Y

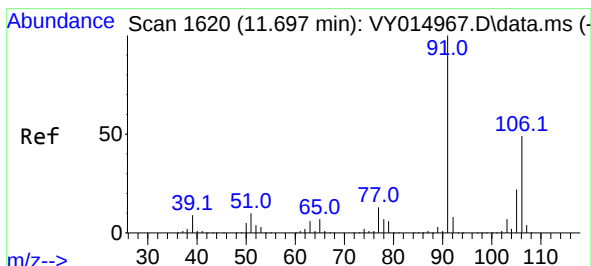
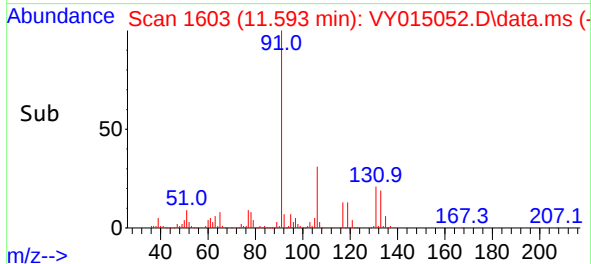
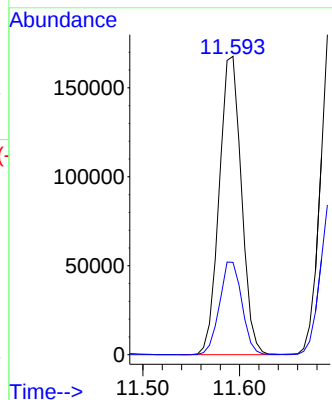
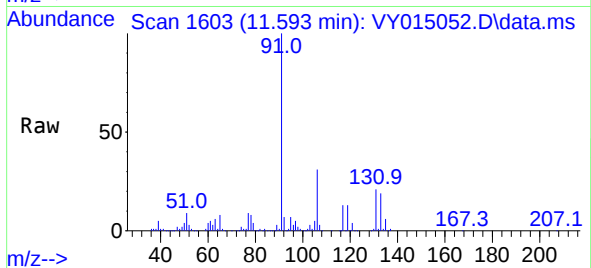
ClientSampleId :

Tgt Ion: 91 Resp: 266864

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 37.903 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015052.D

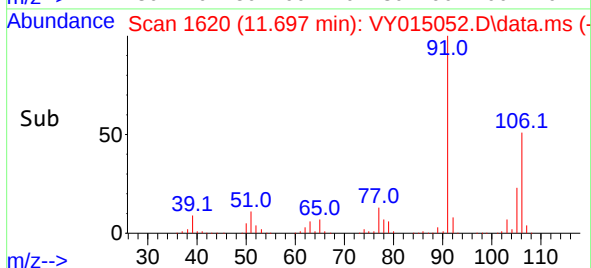
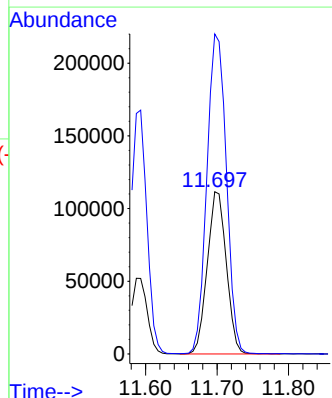
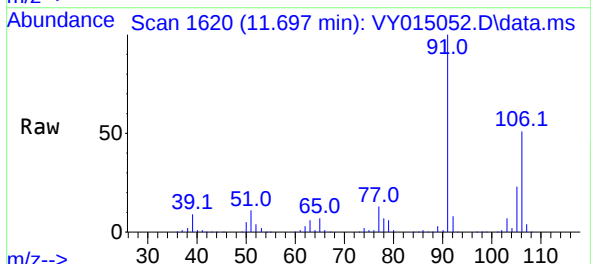
Acq: 11 Aug 2023 12:21

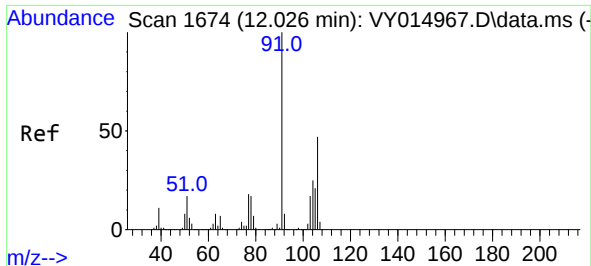
Tgt Ion:106 Resp: 206248

Ion Ratio Lower Upper

106 100

91 201.5 166.1 249.1

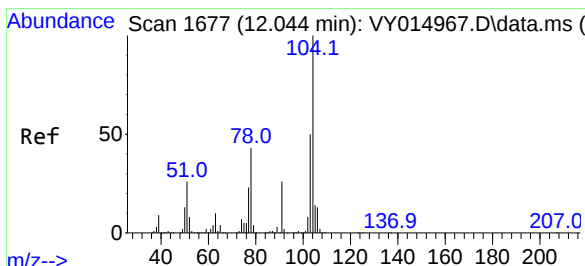
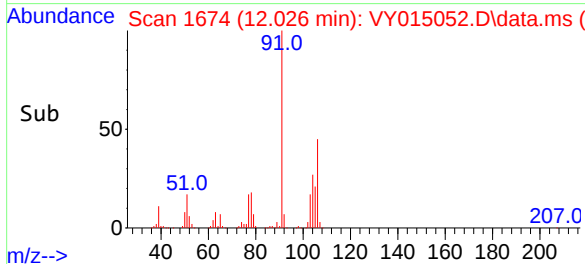
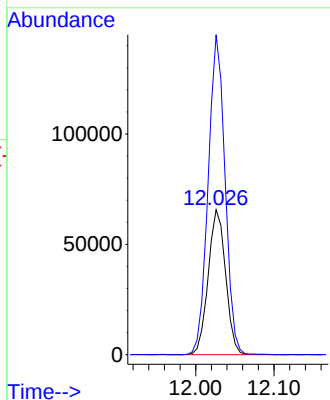
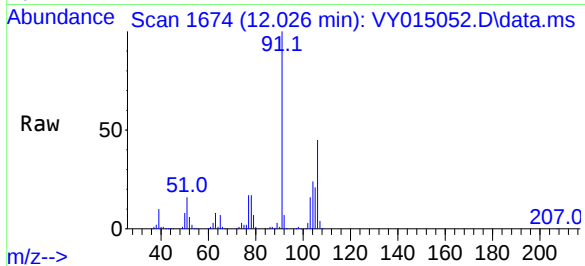




#69  
o-Xylene  
Concen: 19.030 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

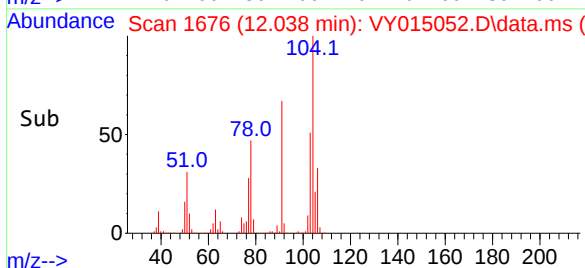
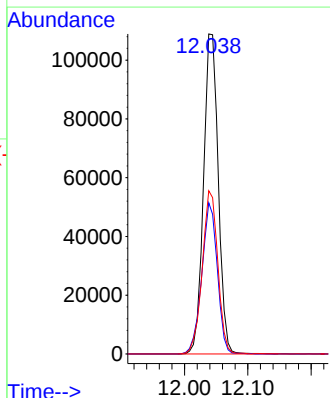
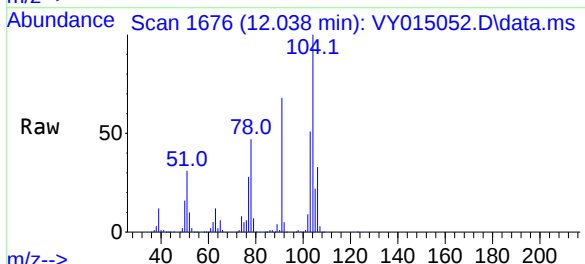
Instrument :  
MSVOA\_Y  
ClientSampleId :

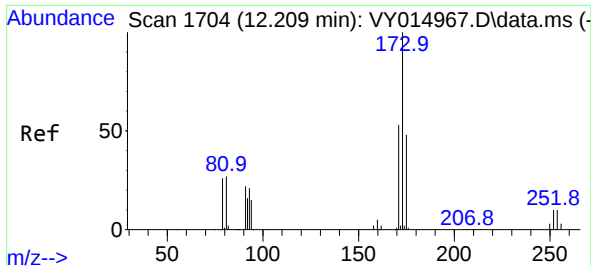
Tgt Ion:106 Resp: 101327  
Ion Ratio Lower Upper  
106 100  
91 213.9 108.1 324.3



#70  
Styrene  
Concen: 19.431 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

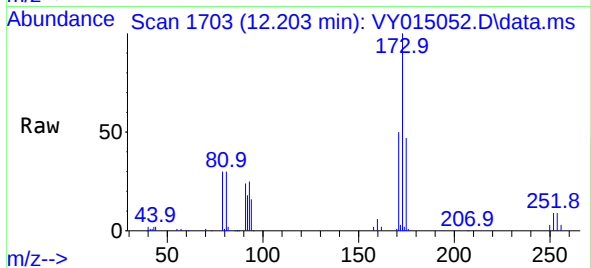
Tgt Ion:104 Resp: 176814  
Ion Ratio Lower Upper  
104 100  
78 49.6 41.5 62.3  
103 53.8 44.6 67.0



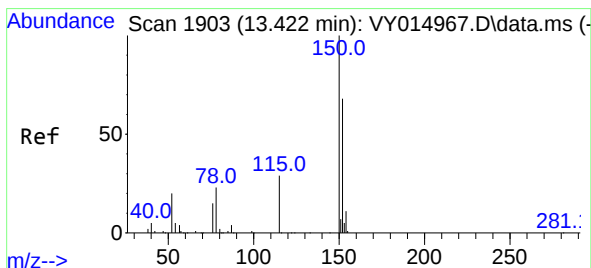
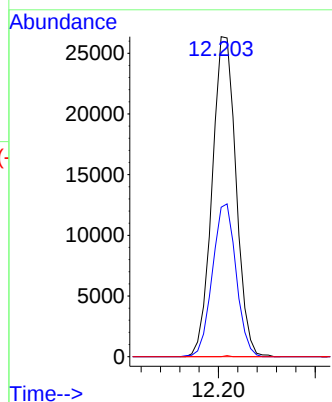
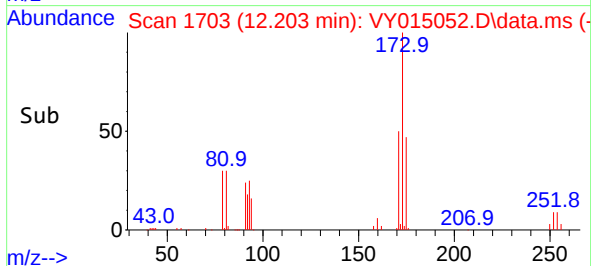


#71  
Bromoform  
Concen: 20.589 ug/l  
RT: 12.203 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

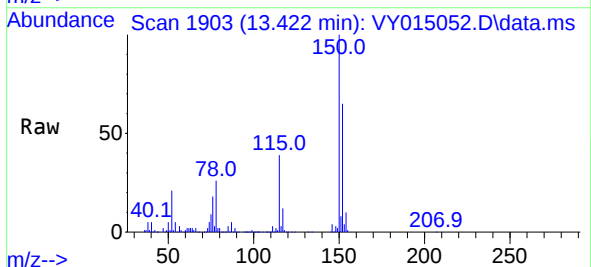
Instrument :  
MSVOA\_Y  
ClientSampleId :



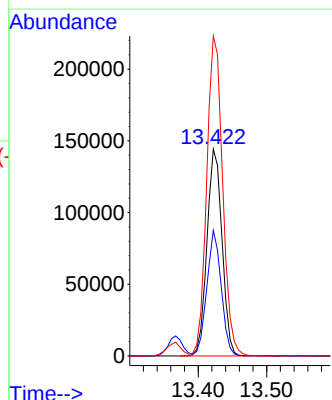
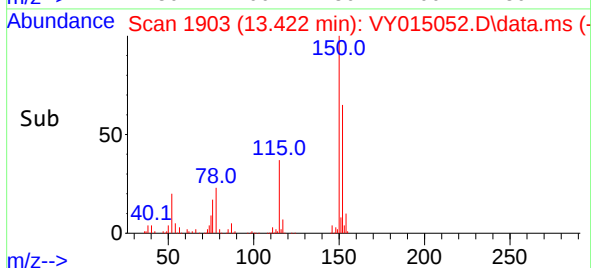
Tgt Ion:173 Resp: 45072  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.6 73.8  
254 0.1 0.2 0.2#

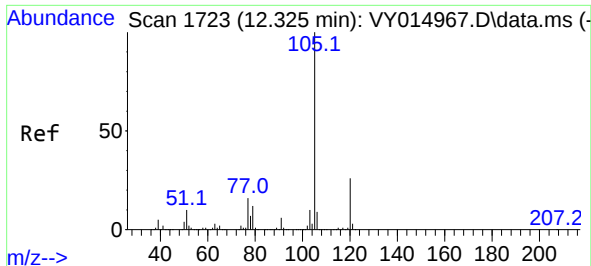


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21



Tgt Ion:152 Resp: 221140  
Ion Ratio Lower Upper  
152 100  
115 57.6 28.8 86.5  
150 163.0 0.0 348.8

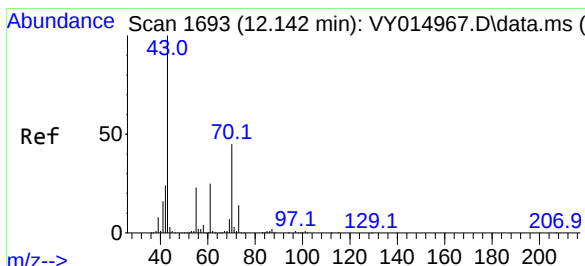
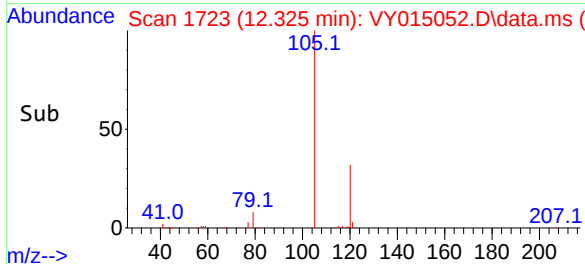
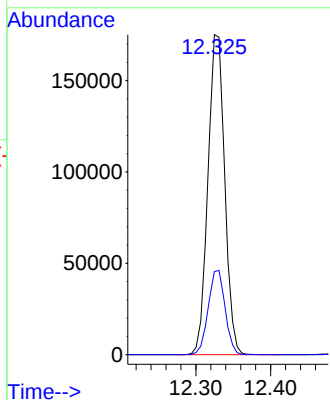
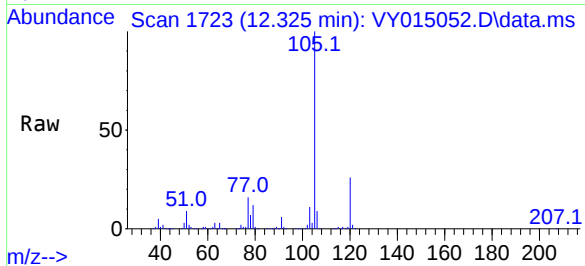




#73  
Isopropylbenzene  
Concen: 18.415 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

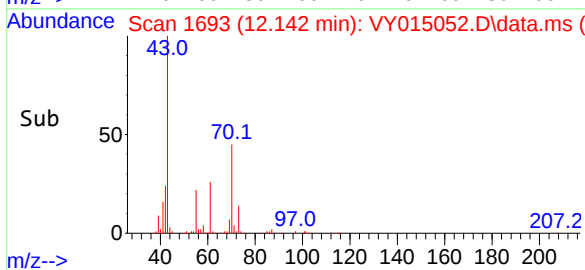
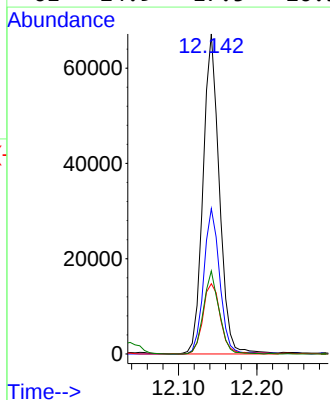
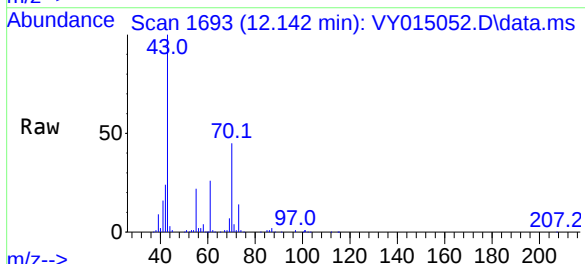
Instrument :  
MSVOA\_Y  
ClientSampleId :

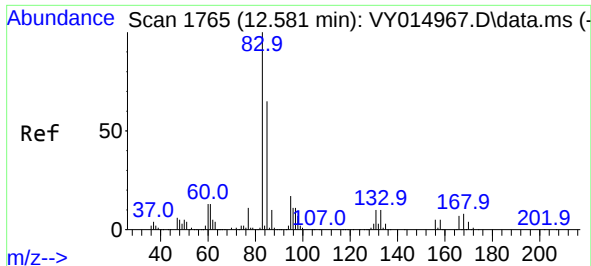
Tgt Ion:105 Resp: 273742  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.3 39.9



#74  
N-ethyl acetate  
Concen: 19.106 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 43 Resp: 97039  
Ion Ratio Lower Upper  
43 100  
70 44.8 29.7 44.5#  
55 23.5 18.3 27.5  
61 24.9 17.5 26.3

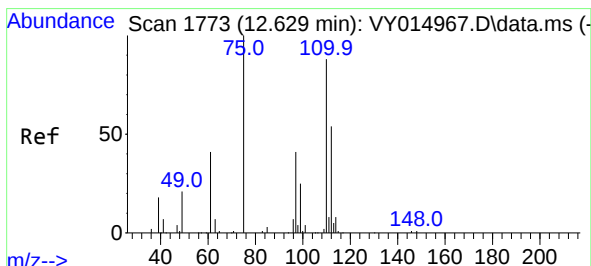
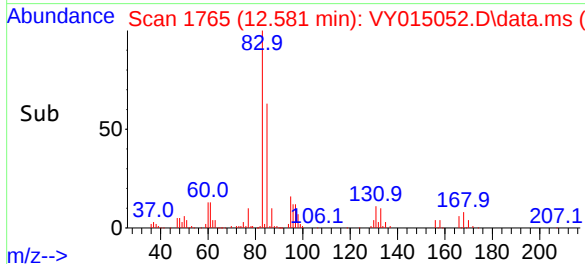
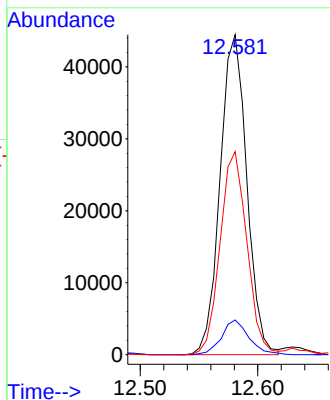
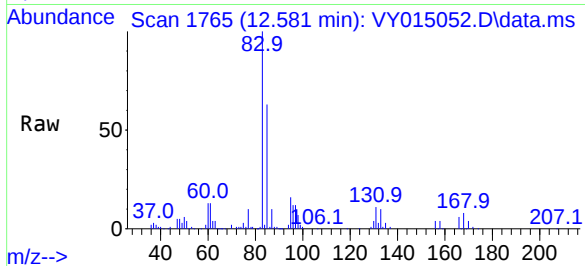




#75  
1,1,2-Tetrachloroethane  
Concen: 19.362 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

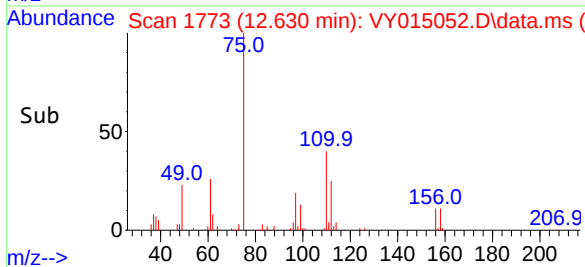
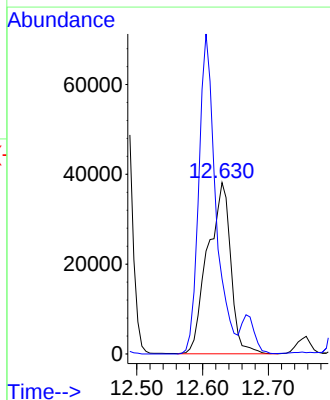
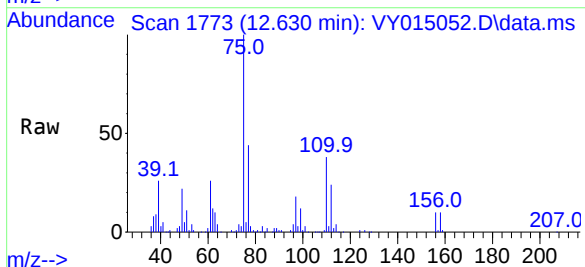
Instrument :  
MSVOA\_Y  
ClientSampleId :

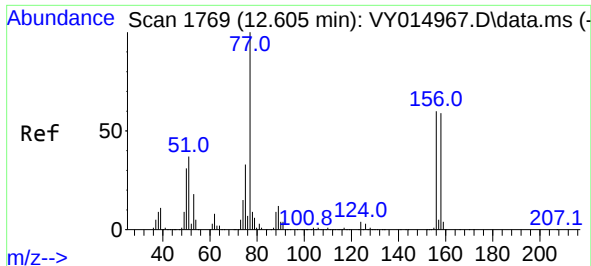
Tgt Ion: 83 Resp: 70338  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.4 16.2  
85 63.5 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 34.999 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

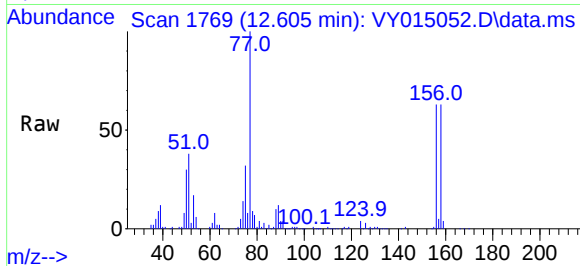
Tgt Ion: 75 Resp: 92740  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



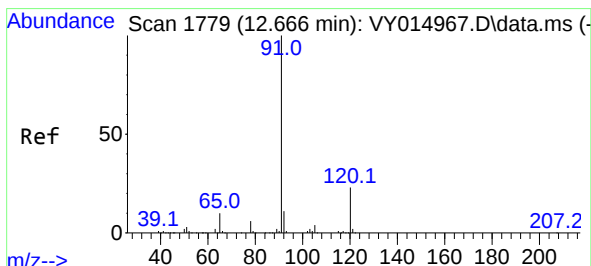
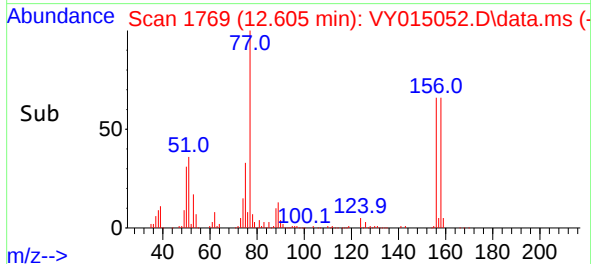
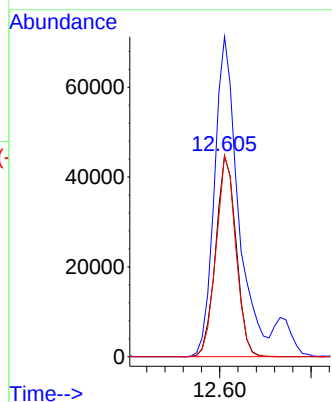


#77  
Bromobenzene  
Concen: 19.257 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

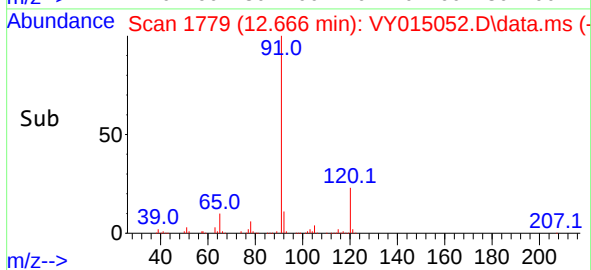
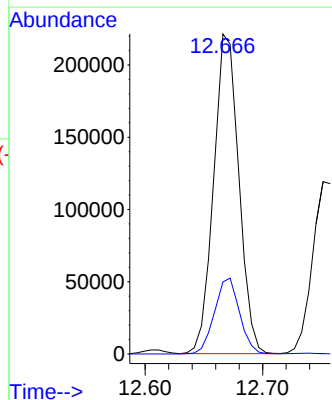
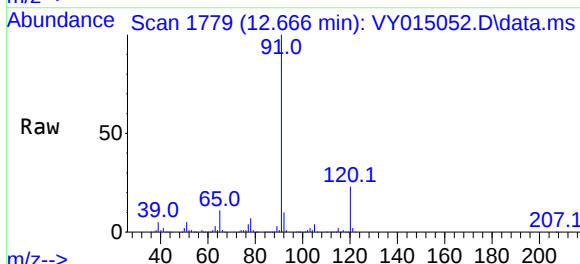


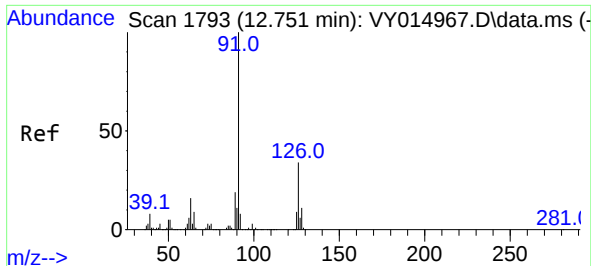
Tgt Ion:156 Resp: 69437  
Ion Ratio Lower Upper  
156 100  
77 185.2 92.8 278.6  
158 97.0 48.4 145.3



#78  
n-propylbenzene  
Concen: 18.539 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 91 Resp: 329617  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.5 34.4

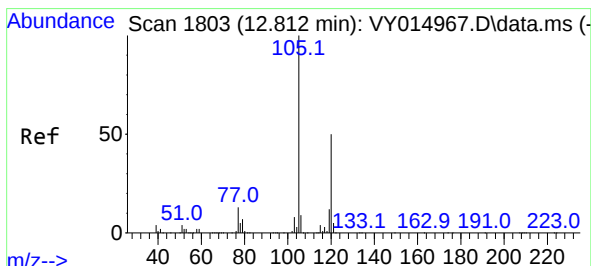
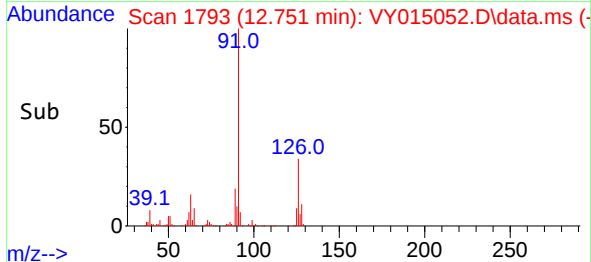
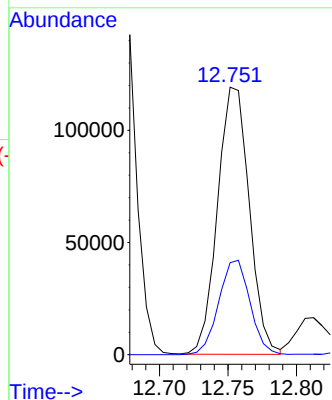
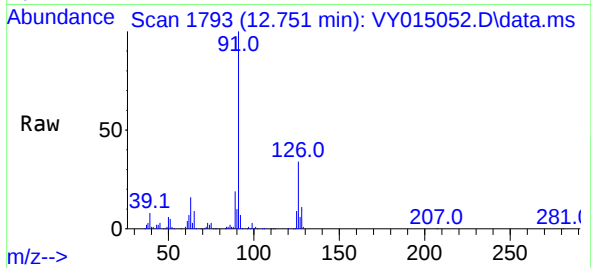




#79  
2-Chlorotoluene  
Concen: 18.990 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

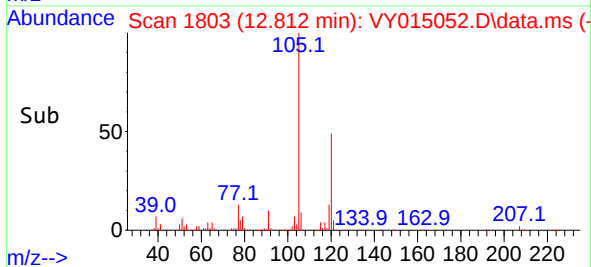
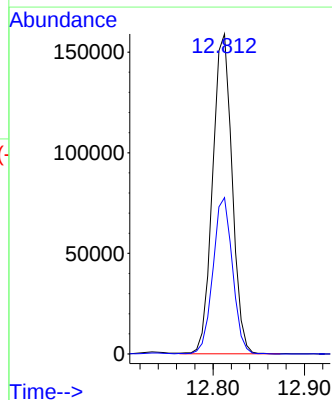
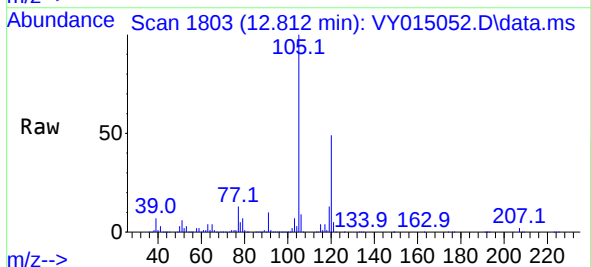
Instrument :  
MSVOA\_Y  
ClientSampleId :

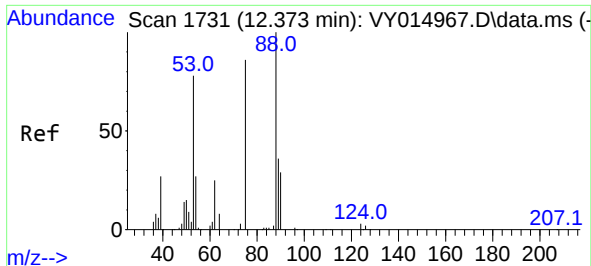
Tgt Ion: 91 Resp: 192432  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 19.156 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 105 Resp: 234664  
Ion Ratio Lower Upper  
105 100  
120 49.2 23.9 71.7

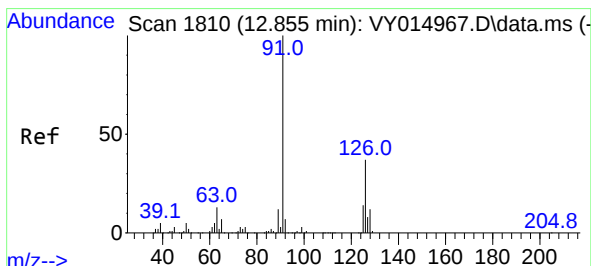
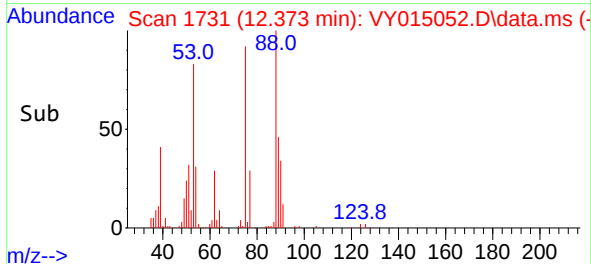
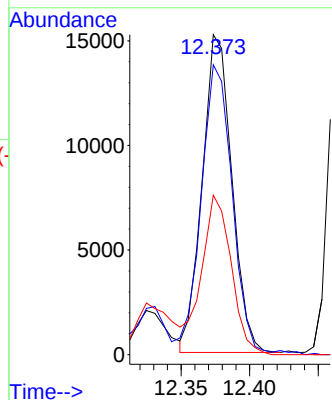
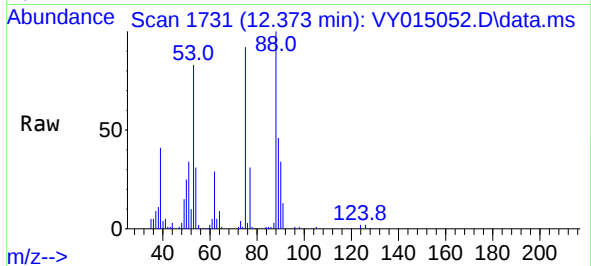




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.988 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

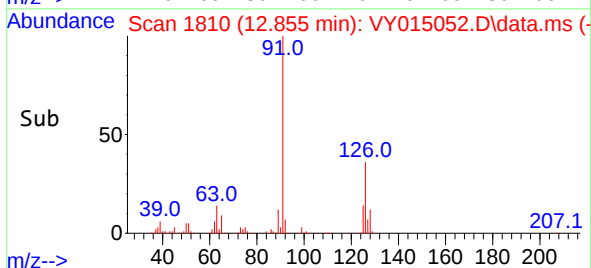
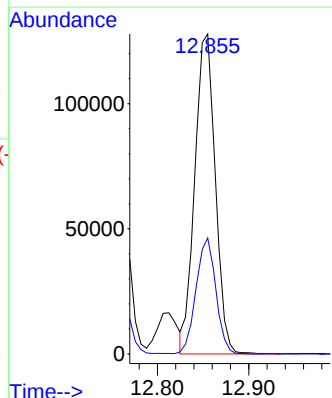
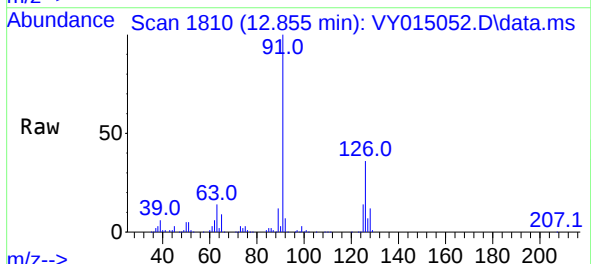
Instrument :  
MSVOA\_Y  
ClientSampleId :

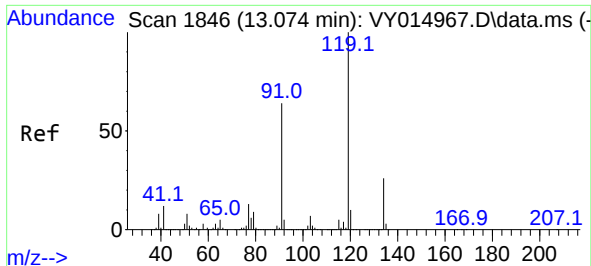
Tgt Ion: 75 Resp: 22839  
Ion Ratio Lower Upper  
75 100  
53 96.7 77.8 116.8  
89 50.6 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 19.051 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 91 Resp: 199570  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.2 51.6

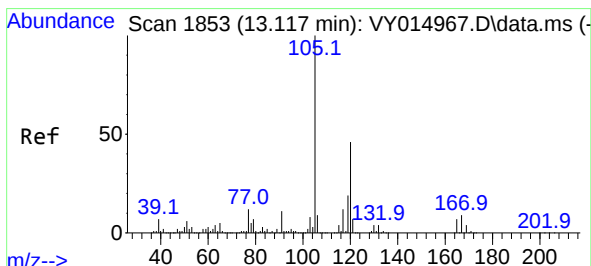
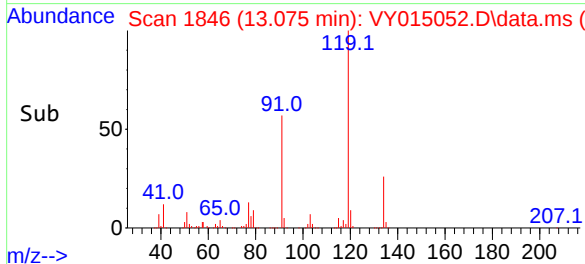
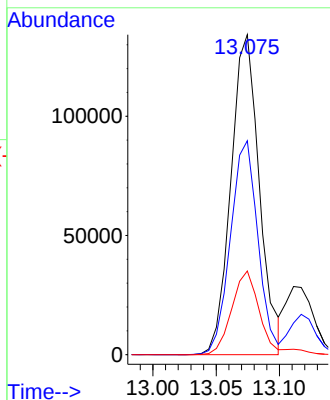
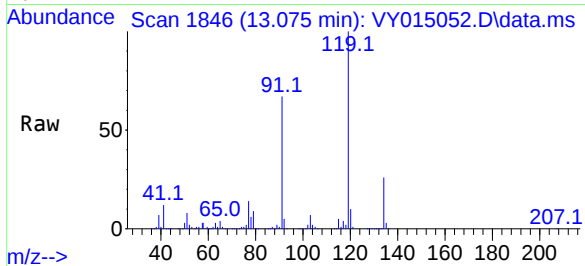




#83  
tert-Butylbenzene  
Concen: 18.775 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

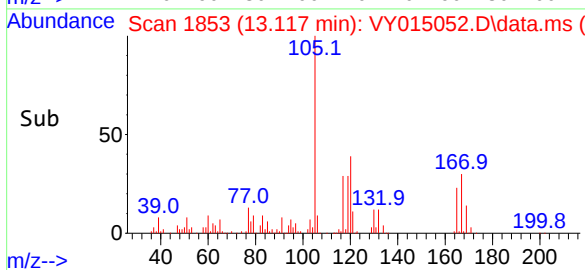
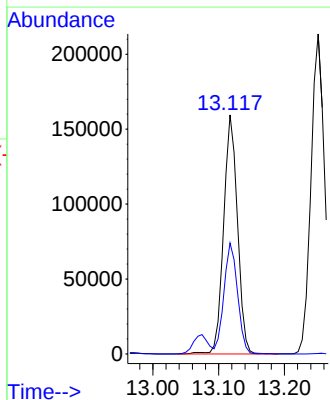
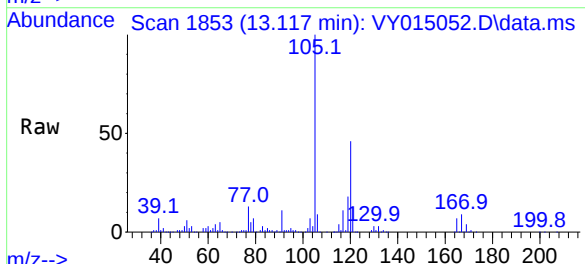
Instrument :  
MSVOA\_Y  
ClientSampleId :

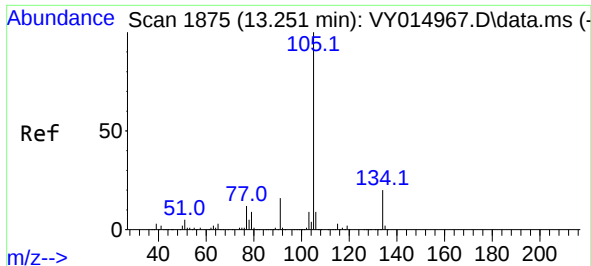
Tgt Ion:119 Resp: 210398  
Ion Ratio Lower Upper  
119 100  
91 64.6 32.9 98.6  
134 26.3 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 19.045 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:105 Resp: 233748  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.2 66.6

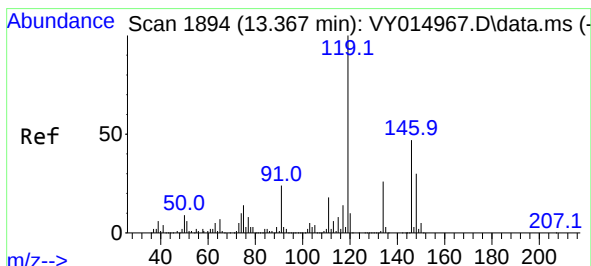
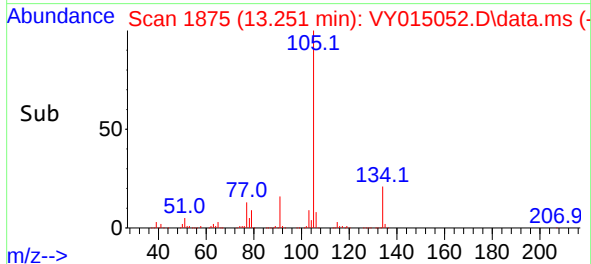
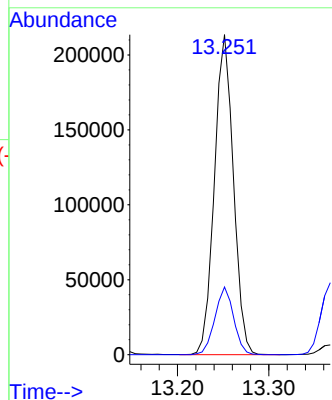
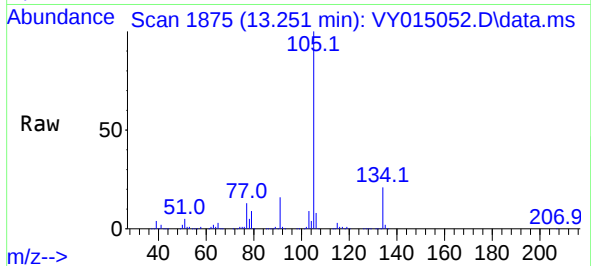




#85  
 sec-Butylbenzene  
 Concen: 18.730 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY015052.D  
 Acq: 11 Aug 2023 12:21

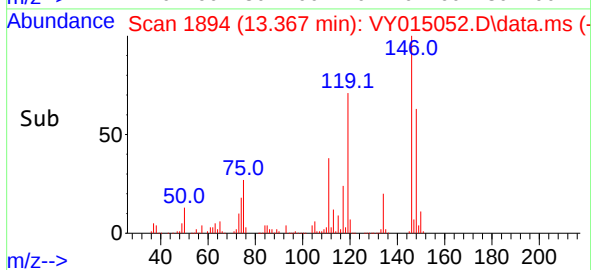
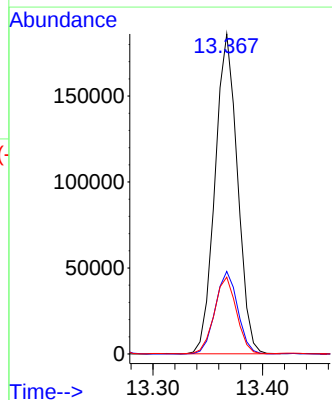
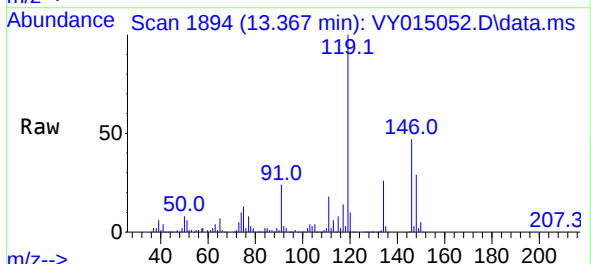
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

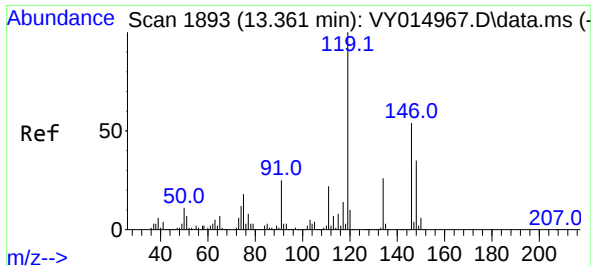
Tgt Ion:105 Resp: 308063  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 19.437 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY015052.D  
 Acq: 11 Aug 2023 12:21

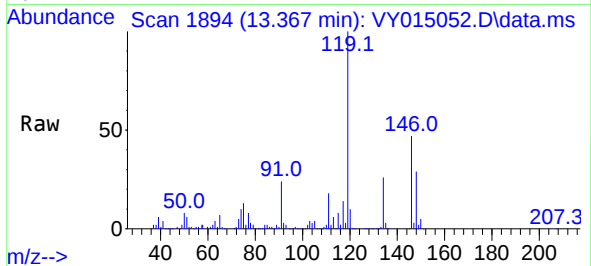
Tgt Ion:119 Resp: 264619  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.3 39.8  
 91 23.7 12.4 37.4



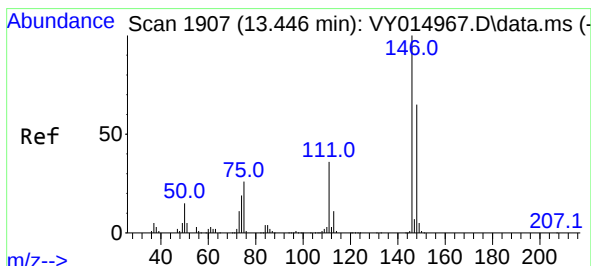
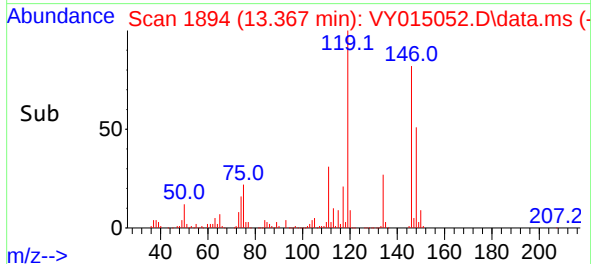
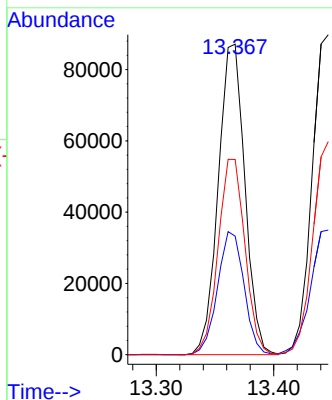


#87  
1,3-Dichlorobenzene  
Concen: 19.478 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

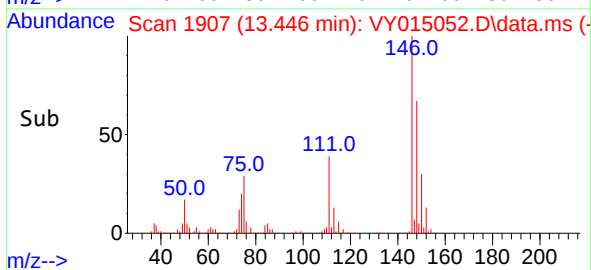
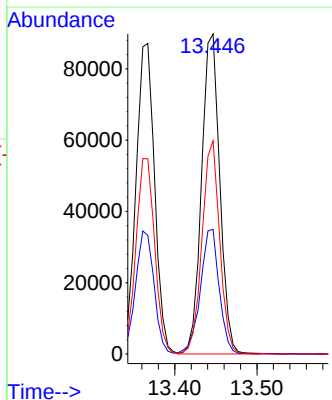
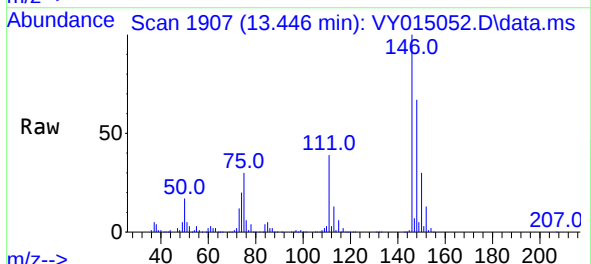


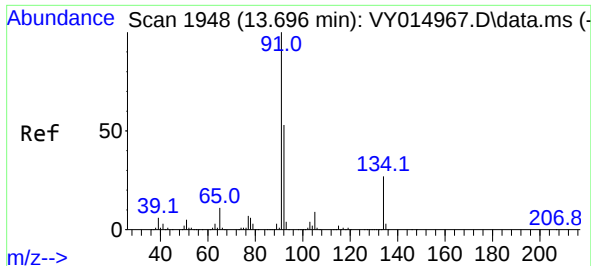
Tgt Ion:146 Resp: 137477  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.4 58.2  
148 63.4 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 19.660 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:146 Resp: 138383  
Ion Ratio Lower Upper  
146 100  
111 40.3 18.9 56.7  
148 64.4 32.1 96.5

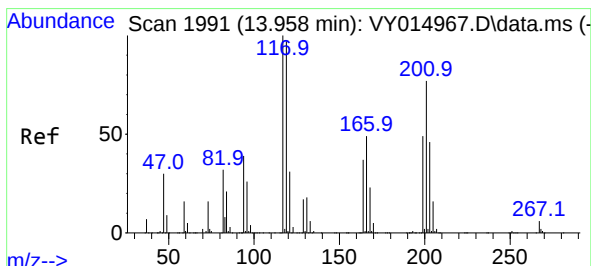
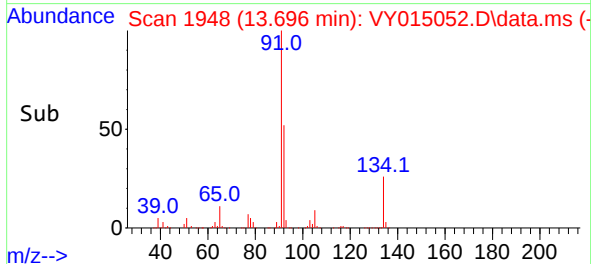
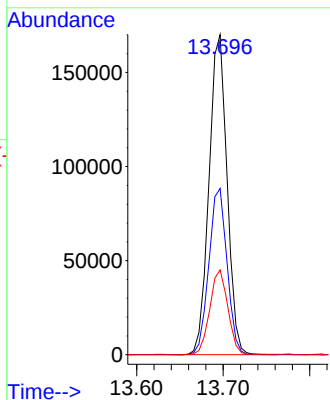
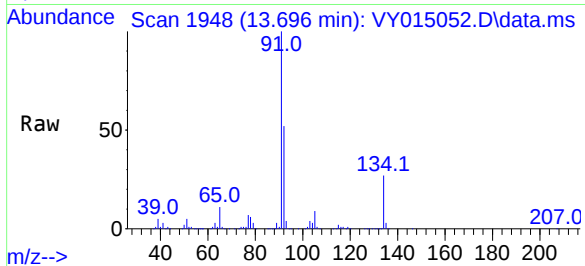




#89  
n-Butylbenzene  
Concen: 19.244 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

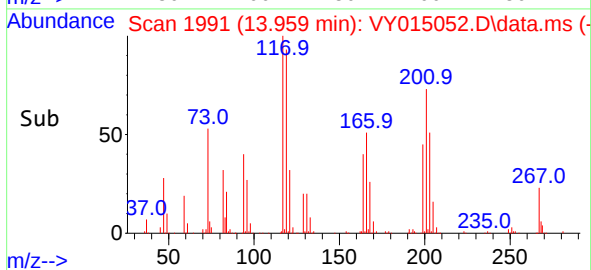
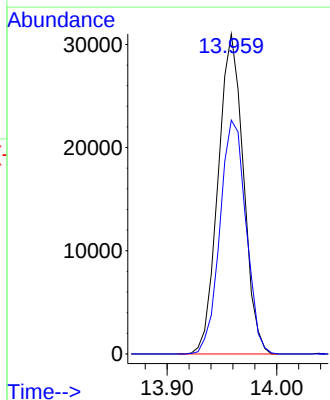
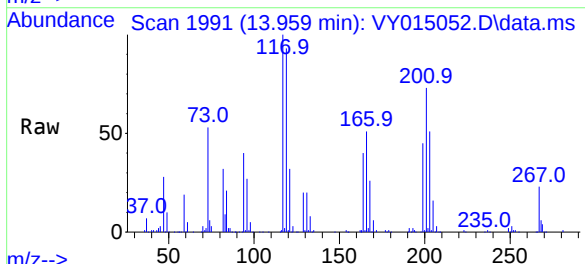
Instrument :  
MSVOA\_Y  
ClientSampleId :

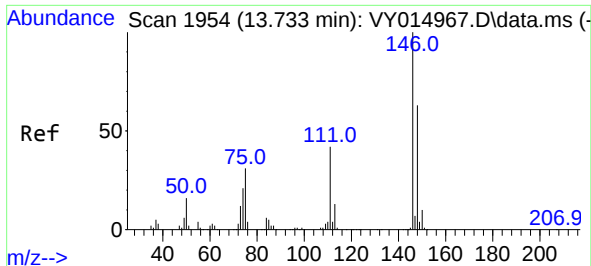
Tgt Ion: 91 Resp: 246160  
Ion Ratio Lower Upper  
91 100  
92 52.4 25.4 76.0  
134 26.5 12.6 37.6



#90  
Hexachloroethane  
Concen: 18.769 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

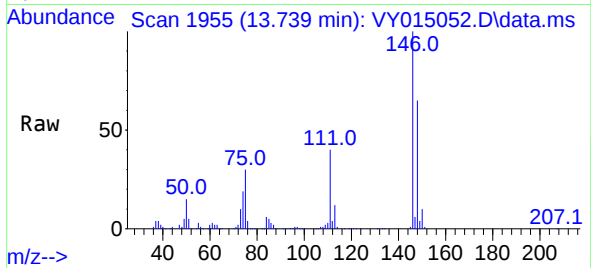
Tgt Ion: 117 Resp: 49622  
Ion Ratio Lower Upper  
117 100  
201 75.4 41.6 124.8



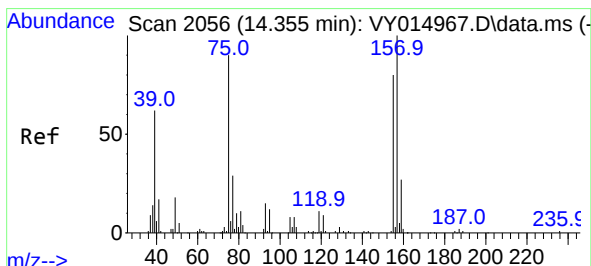
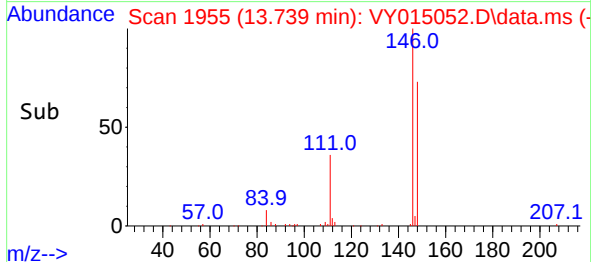
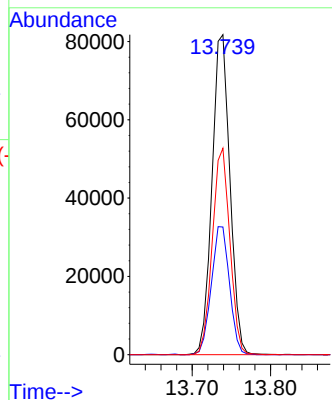


#91  
1,2-Dichlorobenzene  
Concen: 19.936 ug/l  
RT: 13.739 min Scan# 1954  
Delta R.T. 0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

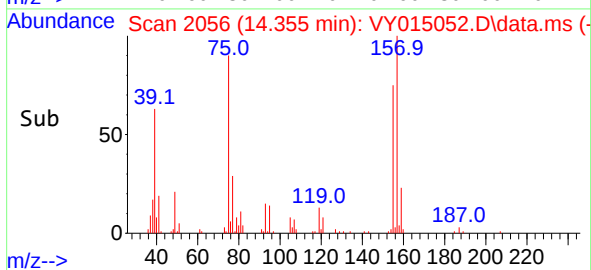
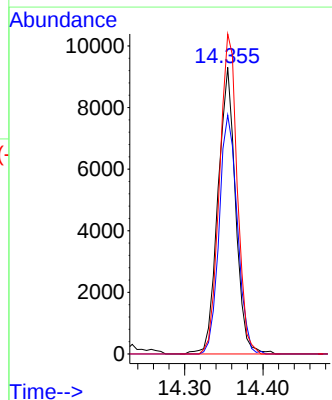
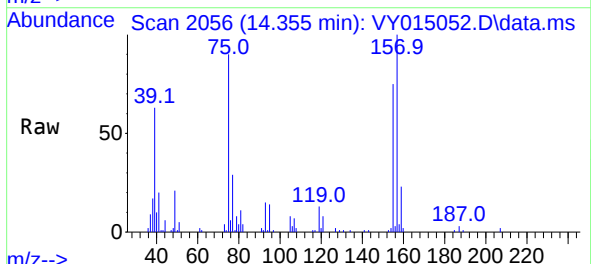


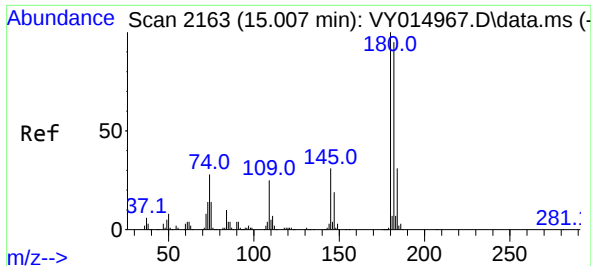
Tgt Ion:146 Resp: 129863  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.7 59.0  
148 63.1 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.476 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion: 75 Resp: 14524  
Ion Ratio Lower Upper  
75 100  
155 86.0 41.5 124.6  
157 112.3 51.8 155.5

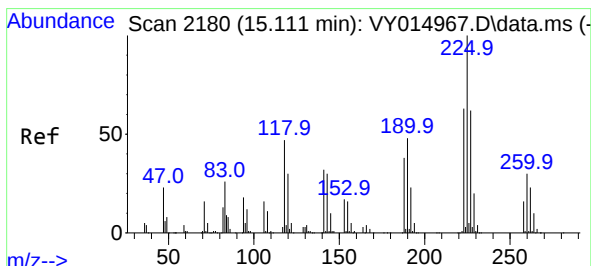
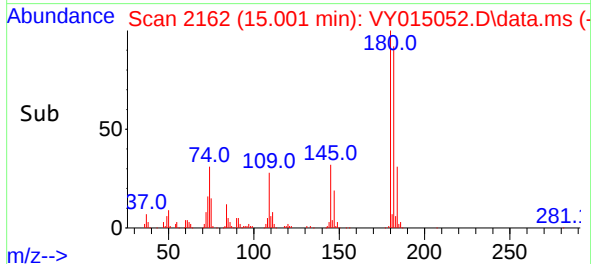
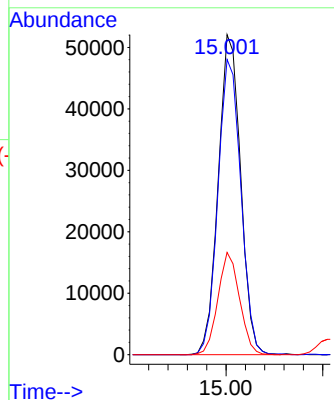
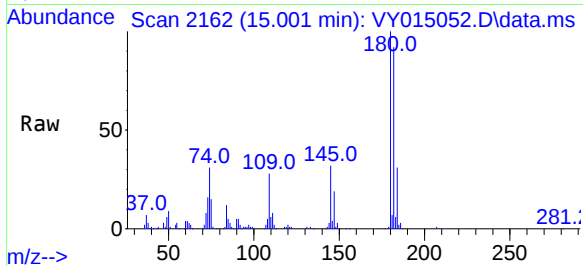




#93  
1,2,4-Trichlorobenzene  
Concen: 19.995 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

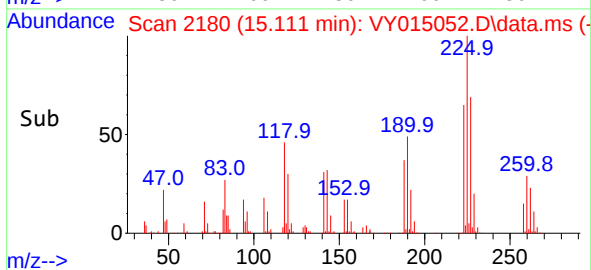
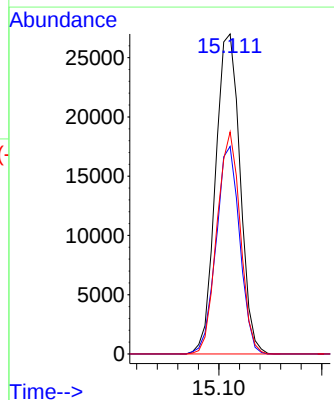
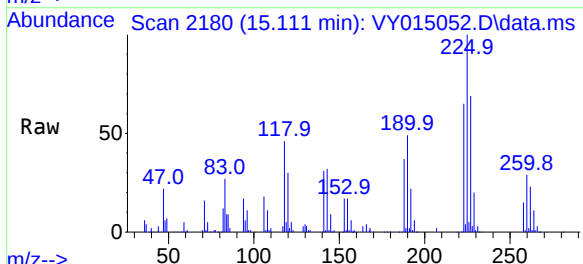
Instrument :  
MSVOA\_Y  
ClientSampleId :

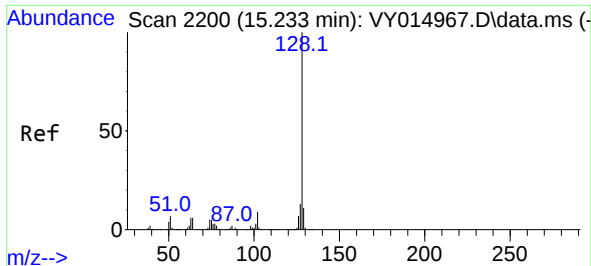
Tgt Ion:180 Resp: 83342  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.0 141.2  
145 31.0 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 19.756 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:225 Resp: 44655  
Ion Ratio Lower Upper  
225 100  
223 62.4 31.9 95.9  
227 65.9 33.0 98.9

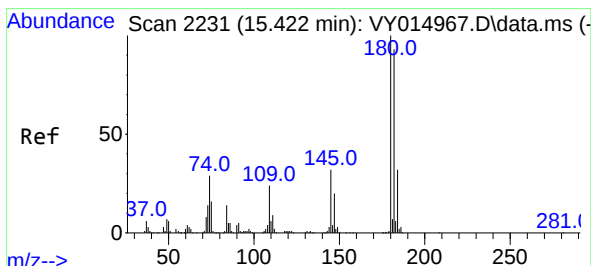
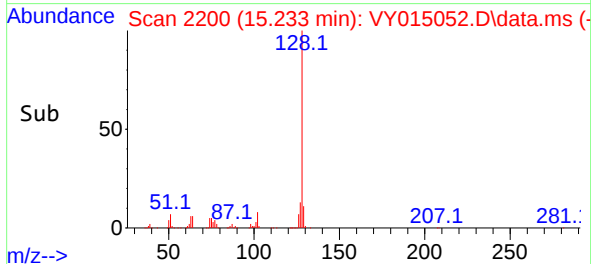
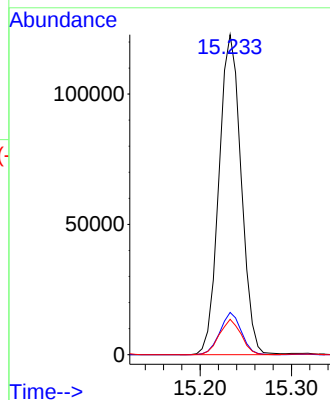
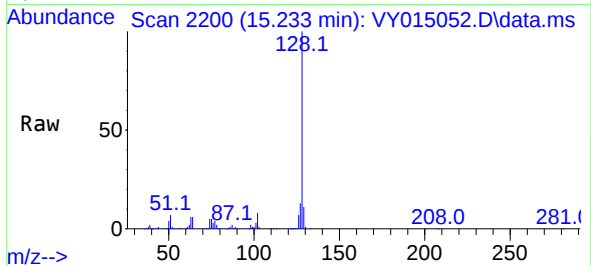




#95  
Naphthalene  
Concen: 21.142 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 207354  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.8 16.2  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.840 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY015052.D  
Acq: 11 Aug 2023 12:21

Tgt Ion:180 Resp: 74857  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.3 141.8  
145 32.8 15.4 46.2

