

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060723\  
 Data File : VY014050.D  
 Acq On : 07 Jun 2023 11:24  
 Operator : KP/MD  
 Sample : VY0607SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0607SBS01

Quant Time: Jun 08 02:31:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 07:00:14 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.789  | 168   | 229839   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 351342   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 323200   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 171306   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.143  | 65    | 146794   | 48.247   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 96.500%  |
| 35) Dibromofluoromethane     | 7.716  | 113   | 121197   | 54.280   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 108.560% |
| 50) Toluene-d8               | 10.179 | 98    | 449635   | 52.793   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 105.580% |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 157543   | 54.258   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 108.520% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 42829    | 21.178   | ug/l   | 97       |
| 3) Chloromethane             | 2.113  | 50    | 46874    | 16.735   | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.253  | 62    | 46965    | 18.100   | ug/l   | 99       |
| 5) Bromomethane              | 2.650  | 94    | 42419    | 18.775   | ug/l   | 94       |
| 6) Chloroethane              | 2.790  | 64    | 32457    | 17.478   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.125  | 101   | 89916    | 21.921   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.534  | 74    | 28594    | 17.781   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.906  | 101   | 48749    | 23.135   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.095  | 142   | 43212    | 14.880   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.979  | 59    | 25957    | 41.511   | ug/l # | 96       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 42662    | 19.310   | ug/l   | 93       |
| 13) Acrolein                 | 3.729  | 56    | 27463    | 95.907   | ug/l   | 98       |
| 14) Allyl chloride           | 4.479  | 41    | 74221    | 17.310   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.168  | 53    | 78099    | 87.519   | ug/l   | 99       |
| 16) Acetone                  | 3.948  | 43    | 83730    | 80.436   | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.192  | 76    | 104758   | 14.022   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.479  | 43    | 62349    | 16.578   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 130105   | 18.202   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.710  | 84    | 55898    | 17.236   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.222  | 96    | 46221    | 18.470   | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.119  | 45    | 162098   | 19.504   | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.058  | 43    | 455879   | 87.453   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.015  | 63    | 93422    | 20.138   | ug/l   | 98       |
| 25) 2-Butanone               | 6.990  | 43    | 104950   | 80.930   | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 87453    | 20.772   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.984  | 96    | 55863    | 19.497   | ug/l   | 97       |
| 28) Bromochloromethane       | 7.332  | 49    | 44857    | 20.475   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.350  | 42    | 66816    | 82.855   | ug/l   | 99       |
| 30) Chloroform               | 7.503  | 83    | 101317   | 20.801   | ug/l   | 95       |
| 31) Cyclohexane              | 7.783  | 56    | 69302    | 18.916   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.698  | 97    | 89843    | 21.746   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 67750    | 21.298   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.076  | 43    | 48750    | 17.577   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 82062    | 23.021   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.185  | 83    | 71092    | 20.934   | ug/l   | 97       |
| 40) Benzene                  | 8.161  | 78    | 201051   | 20.488   | ug/l   | 97       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0607SBS01

Quant Time: Jun 08 02:31:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 07:00:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 22648    | 17.668  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 73213    | 20.346  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 82955    | 17.764  | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 55536    | 21.611  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 52843    | 20.867  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 32322    | 19.937  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.496  | 83   | 78312    | 21.443  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 38456    | 18.092  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 8814     | 373.844 | ug/l # | 47       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 238189   | 90.301  | ug/l   | 100      |
| 52) Toluene                   | 10.240 | 92   | 129156   | 21.485  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 80533    | 20.528  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 86800    | 20.723  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 44984    | 21.047  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 57463    | 18.725  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 74813    | 20.485  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 90036    | 77.225  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.831 | 43   | 172882   | 90.515  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.984 | 129  | 57761    | 21.382  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 42359    | 19.725  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 48525    | 21.916  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.514 | 112  | 141197   | 21.295  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 58493    | 22.660  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 247771   | 21.588  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 190990   | 43.564  | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 89778    | 21.371  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 157579   | 21.839  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 39830    | 20.930  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 239303   | 21.165  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 76676    | 17.675  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 57105    | 19.324  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 74933    | 32.505  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 62811    | 20.549  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.666 | 91   | 303908   | 21.931  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 172195   | 20.990  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 207753   | 21.438  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 19562    | 18.003  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 182320   | 21.131  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 178083   | 21.944  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 208635   | 21.555  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.252 | 105  | 265178   | 22.471  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 224455   | 22.533  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 124143   | 21.387  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 123293   | 20.997  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 212538   | 22.613  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 45770    | 21.893  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 111789   | 20.905  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 10519    | 18.455  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 67831    | 20.634  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 42385    | 24.206  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 129489   | 18.818  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 60811    | 20.310  | ug/l   | 99       |

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Sample : VY0607SBS01  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Quant Title : SW846 8260  
QLast Update : Fri Jun 02 07:00:14 2023  
Response via : Initial Calibration

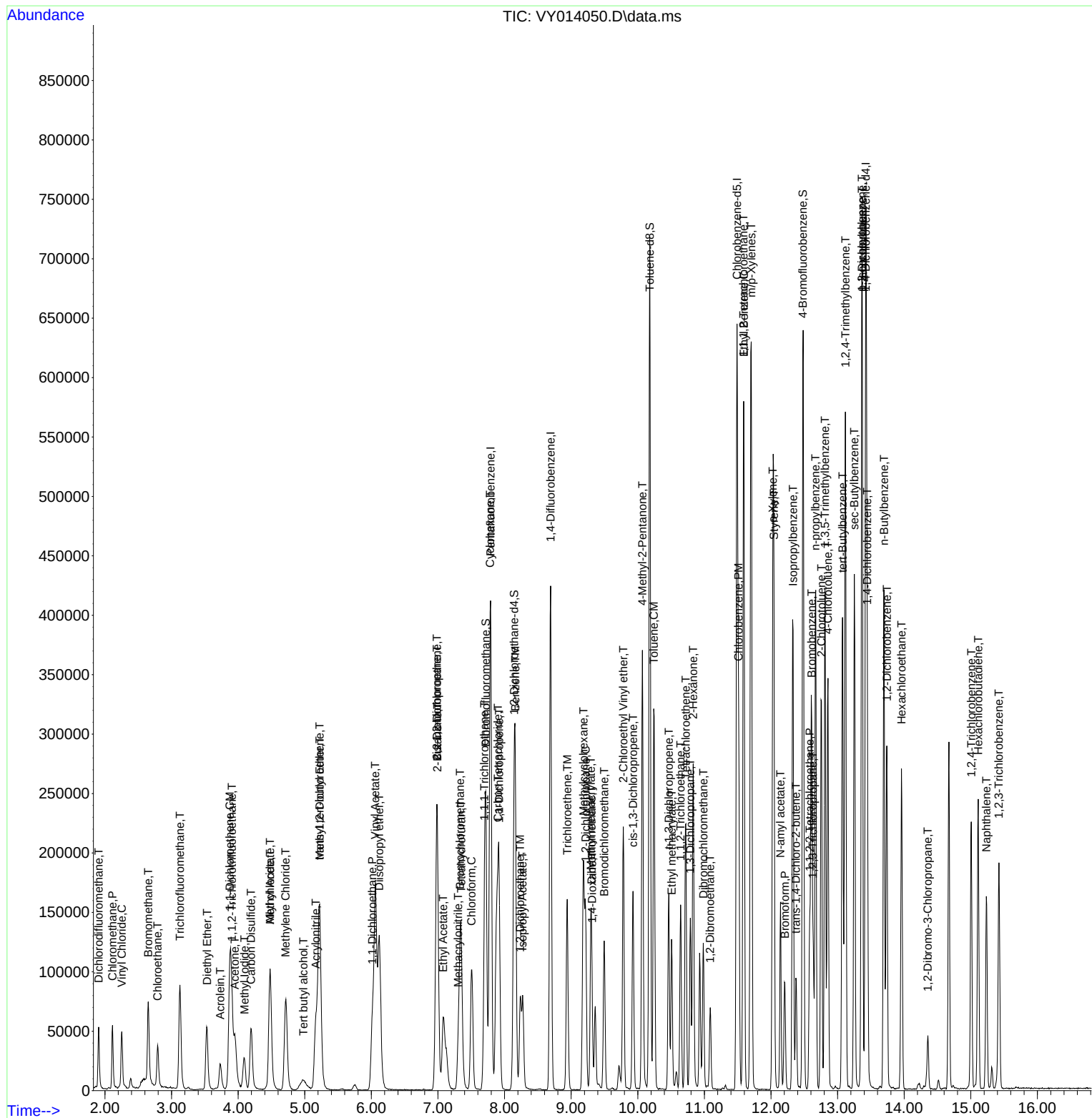
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

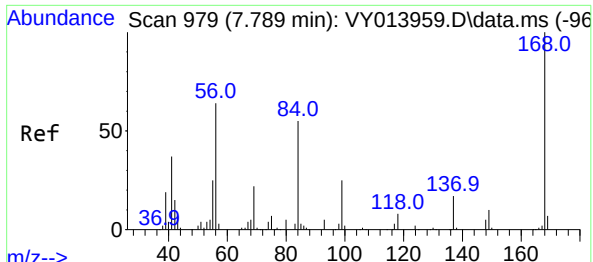
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 5 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 07:00:14 2023  
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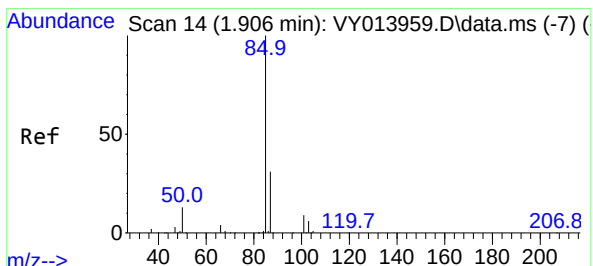
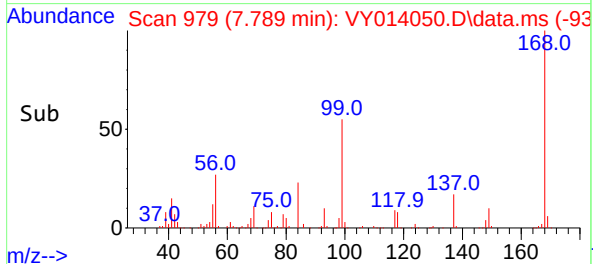
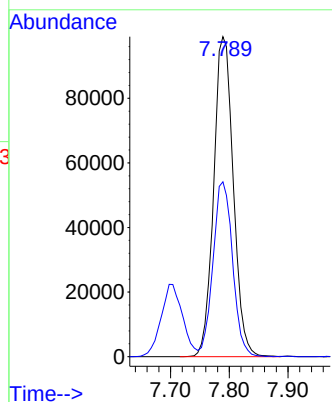
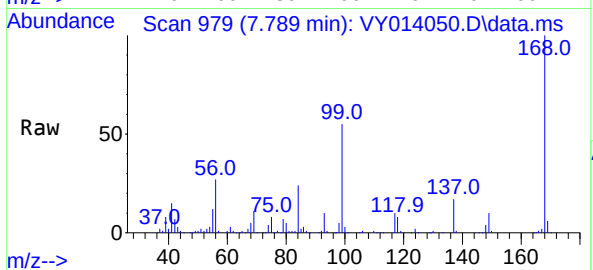




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

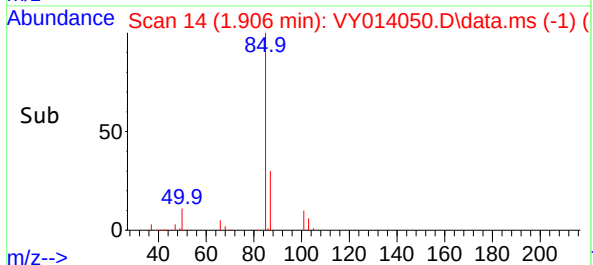
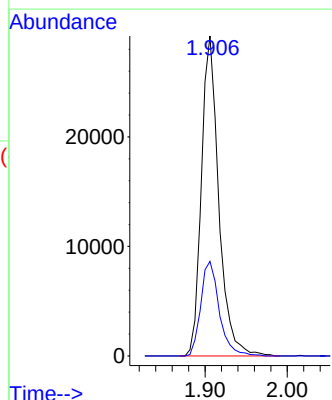
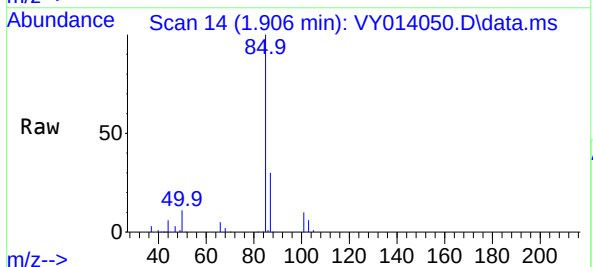
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

Tgt Ion:168 Resp: 229839  
Ion Ratio Lower Upper  
168 100  
99 54.6 43.4 65.0

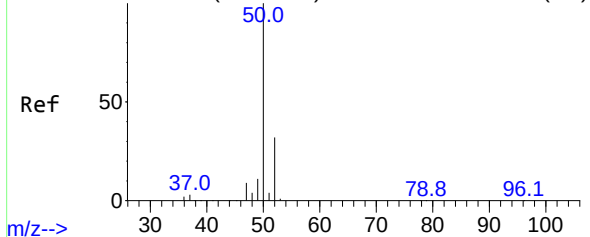


#2  
Dichlorodifluoromethane  
Concen: 21.178 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 85 Resp: 42829  
Ion Ratio Lower Upper  
85 100  
87 29.6 15.6 46.8



Abundance Scan 47 (2.107 min): VY013959.D\data.ms (-41)



#3

Chloromethane

Concen: 16.735 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

VY0607SBS01

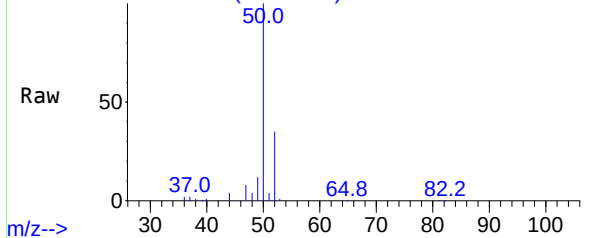
Tgt Ion: 50 Resp: 46874

Ion Ratio Lower Upper

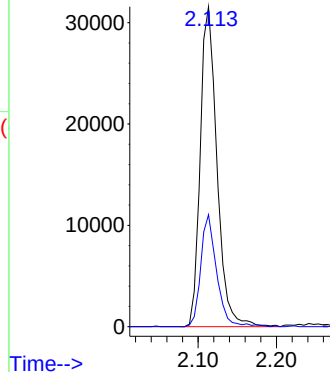
50 100

52 35.0 25.4 38.2

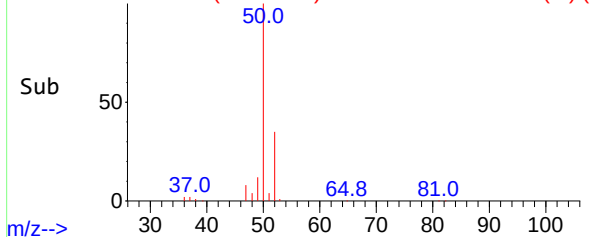
Abundance Scan 48 (2.113 min): VY014050.D\data.ms



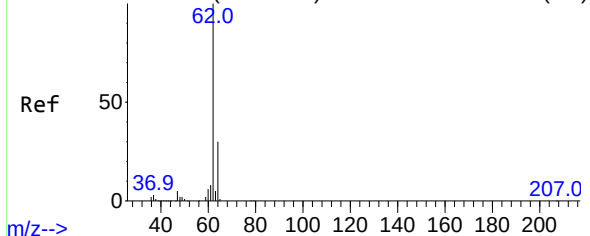
Abundance



Abundance Scan 48 (2.113 min): VY014050.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY013959.D\data.ms (-62)



#4

Vinyl Chloride

Concen: 18.100 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

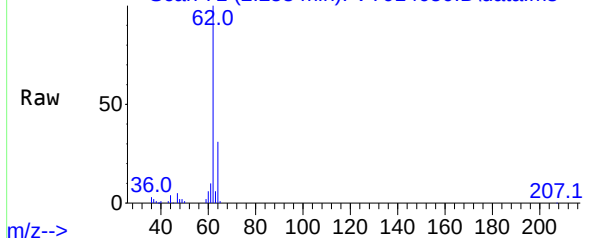
Tgt Ion: 62 Resp: 46965

Ion Ratio Lower Upper

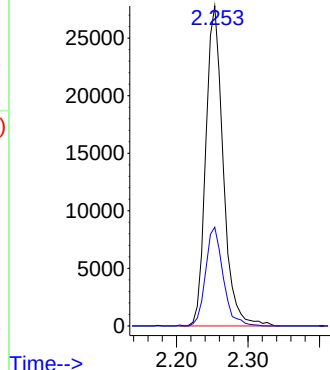
62 100

64 30.9 24.3 36.5

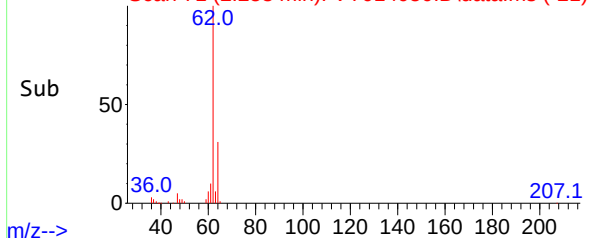
Abundance Scan 71 (2.253 min): VY014050.D\data.ms

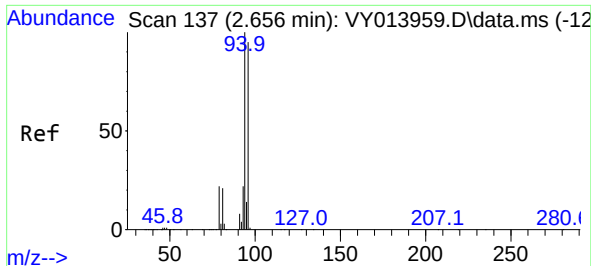


Abundance



Abundance Scan 71 (2.253 min): VY014050.D\data.ms (-21)

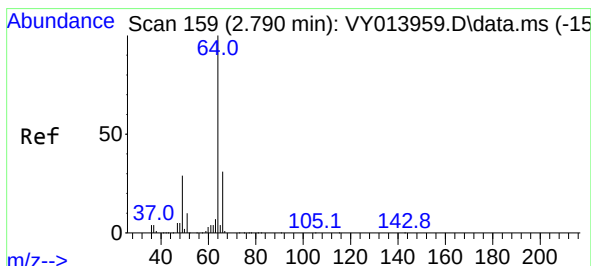
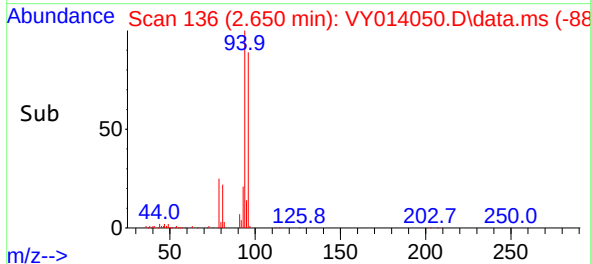
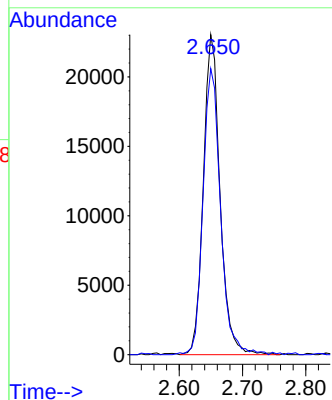
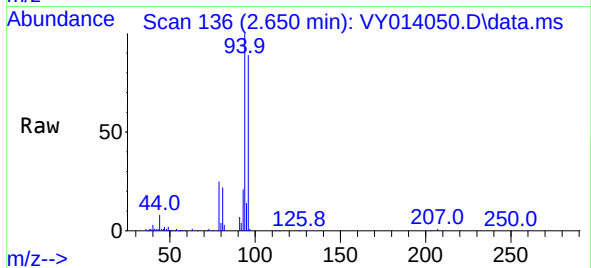




#5  
Bromomethane  
Concen: 18.775 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

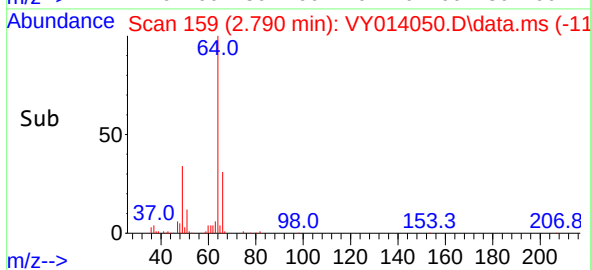
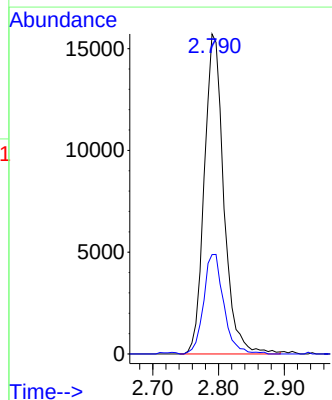
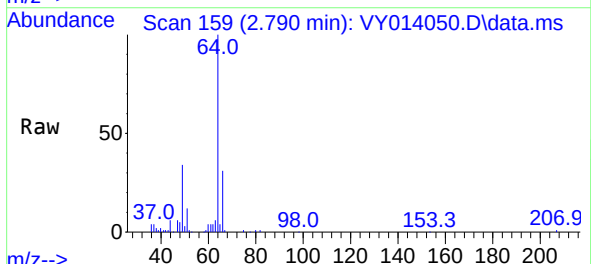
Instrument :  
MSVOA\_Y  
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VY0607SBS01

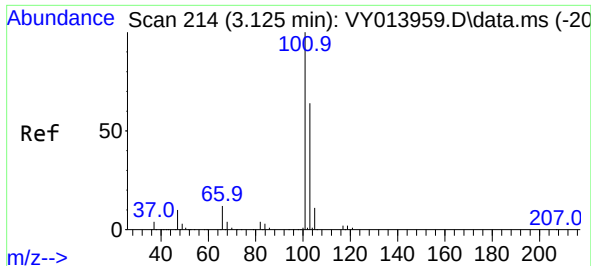
Tgt Ion: 94 Resp: 42419  
Ion Ratio Lower Upper  
94 100  
96 88.8 75.8 113.6



#6  
Chloroethane  
Concen: 17.478 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 64 Resp: 32457  
Ion Ratio Lower Upper  
64 100  
66 31.0 24.4 36.6

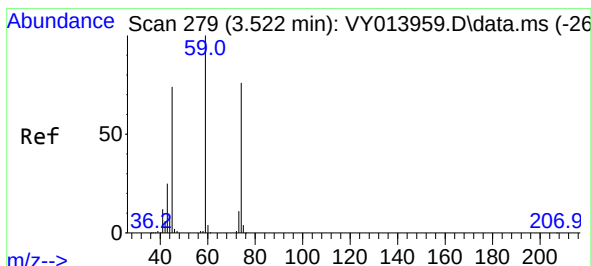
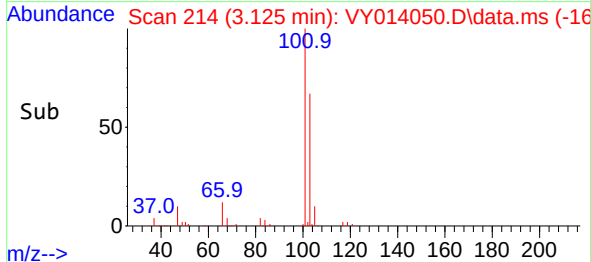
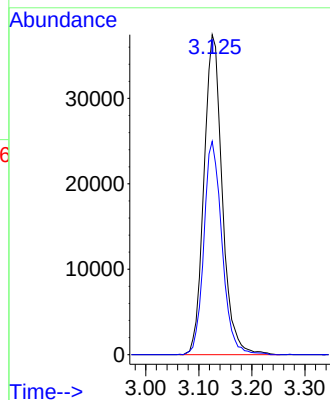
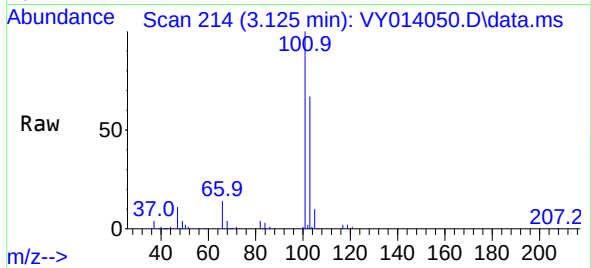




#7  
Trichlorofluoromethane  
Concen: 21.921 ug/l  
RT: 3.125 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

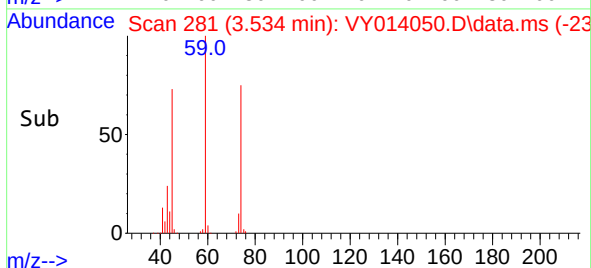
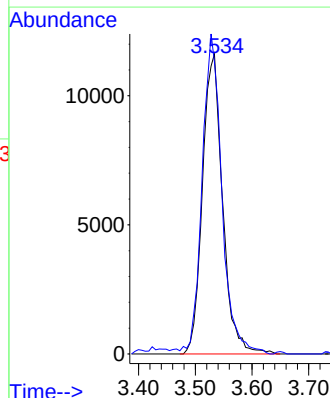
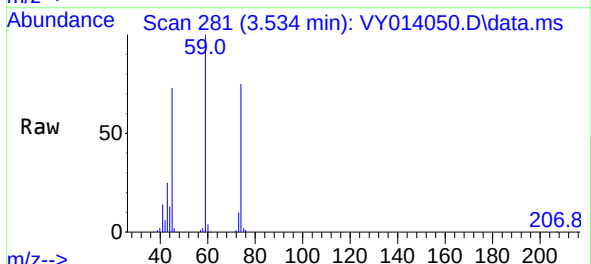
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

Tgt Ion:101 Resp: 89916  
Ion Ratio Lower Upper  
101 100  
103 66.7 51.4 77.0

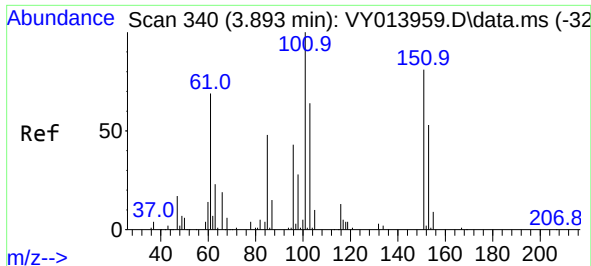


#8  
Diethyl Ether  
Concen: 17.781 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.012 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 74 Resp: 28594  
Ion Ratio Lower Upper  
74 100  
45 105.2 51.5 154.5



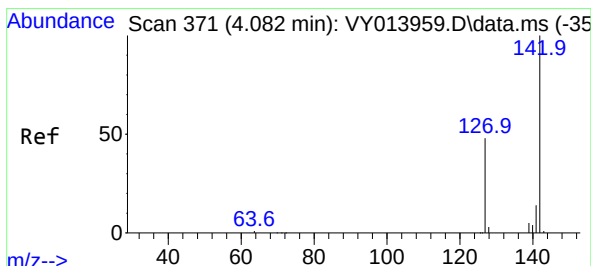
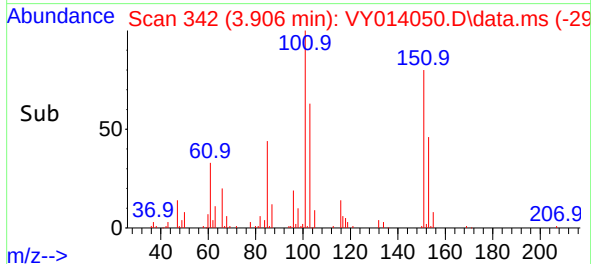
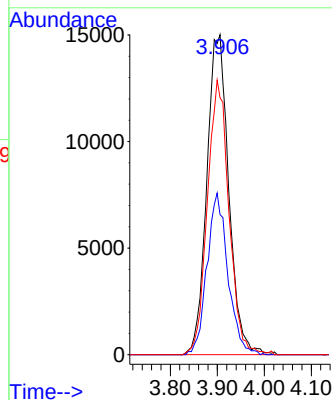
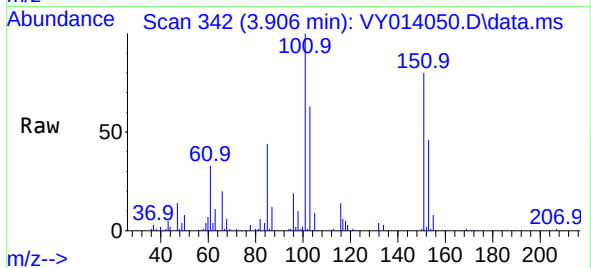




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.135 ug/l  
RT: 3.906 min Scan# 341  
Delta R.T. 0.012 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

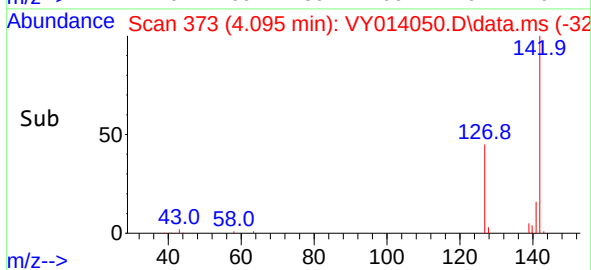
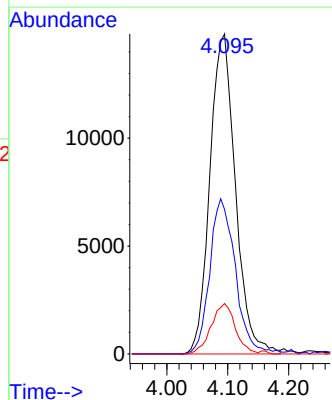
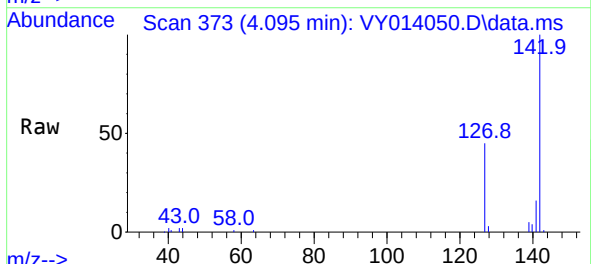
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

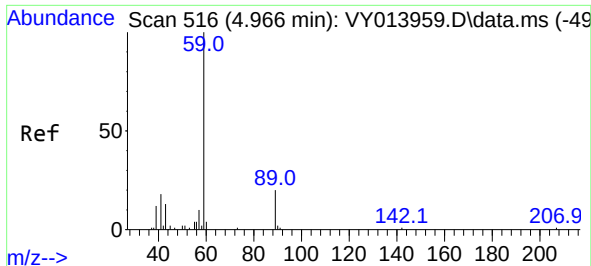
Tgt Ion:101 Resp: 48749  
Ion Ratio Lower Upper  
101 100  
85 48.0 36.6 55.0  
151 84.3 67.0 100.6



#10  
Methyl Iodide  
Concen: 14.880 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. 0.013 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:142 Resp: 43212  
Ion Ratio Lower Upper  
142 100  
127 48.7 37.6 56.4  
141 14.9 11.8 17.8

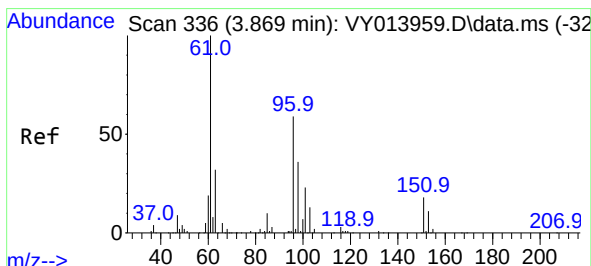
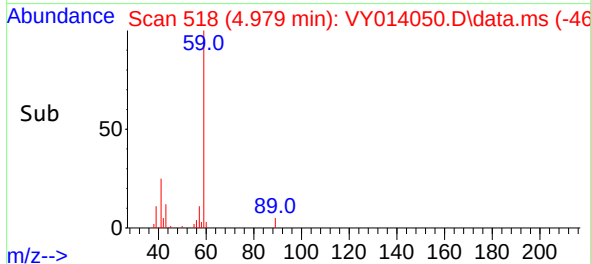
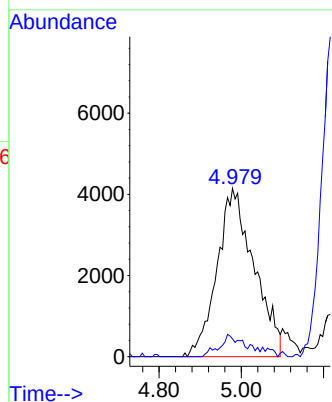
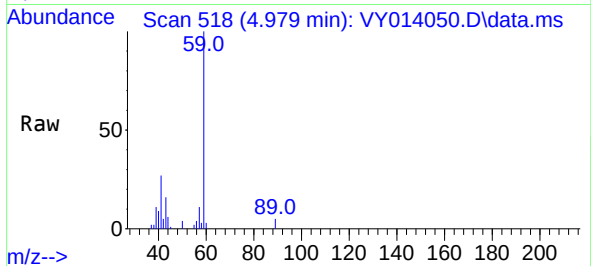




#11  
Tert butyl alcohol  
Concen: 41.511 ug/l  
RT: 4.979 min Scan# 516  
Delta R.T. 0.013 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

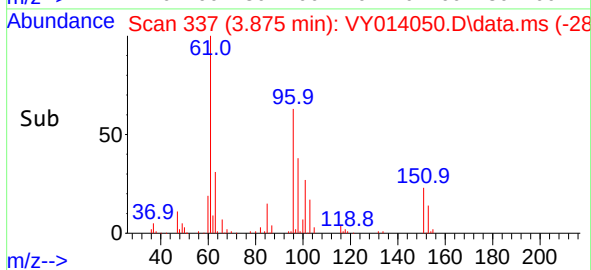
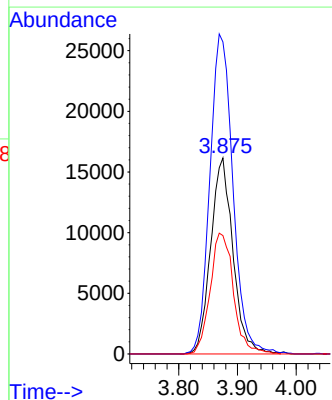
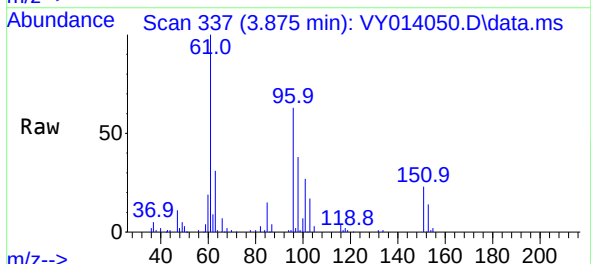
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

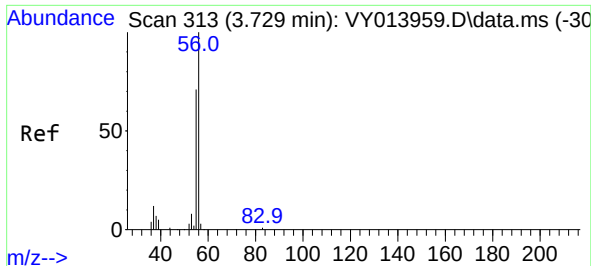
Tgt Ion: 59 Resp: 25957  
Ion Ratio Lower Upper  
59 100  
57 5.1 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 19.310 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 96 Resp: 42662  
Ion Ratio Lower Upper  
96 100  
61 159.2 136.4 204.6  
98 60.4 49.4 74.2





#13

Acrolein

Concen: 95.907 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

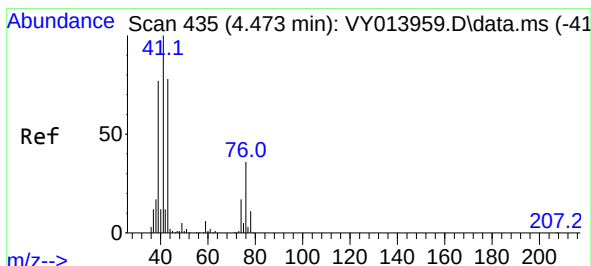
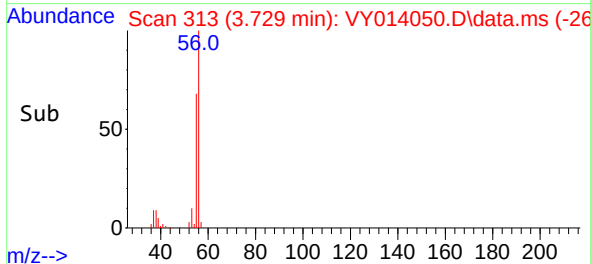
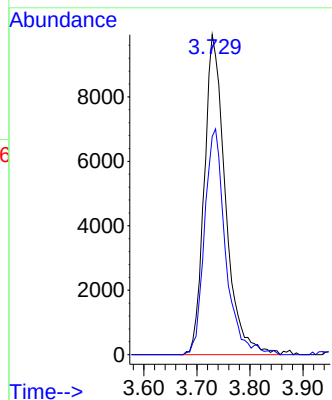
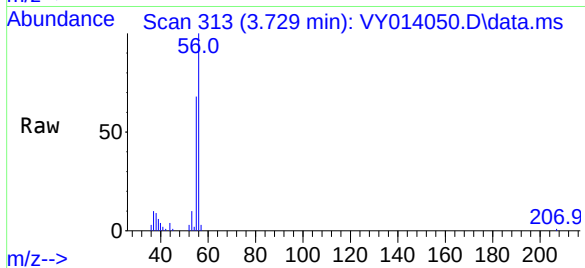
VY0607SBS01

Tgt Ion: 56 Resp: 27463

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 17.310 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

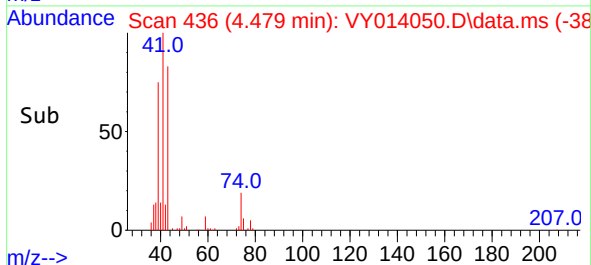
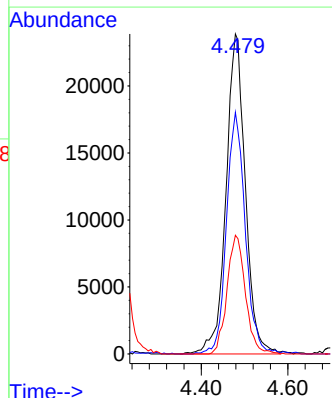
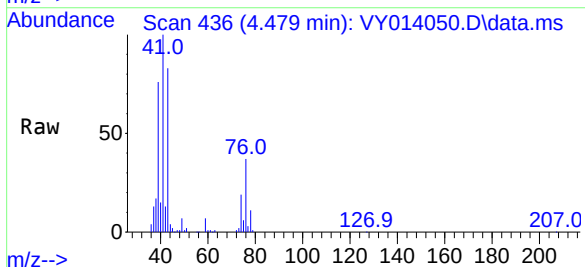
Tgt Ion: 41 Resp: 74221

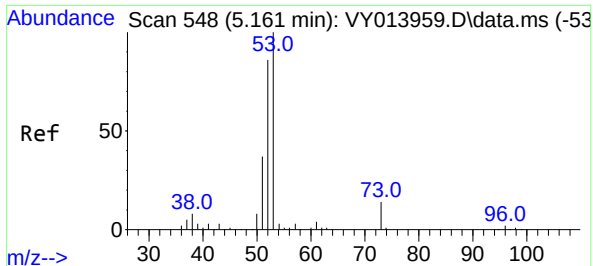
Ion Ratio Lower Upper

41 100

39 73.2 58.0 87.0

76 35.3 27.4 41.2

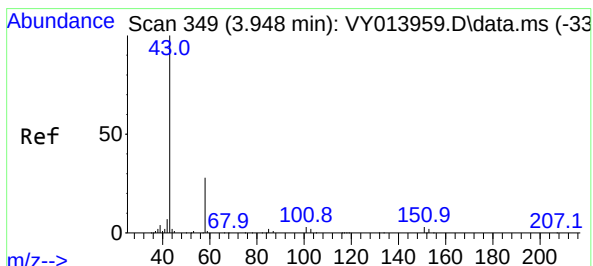
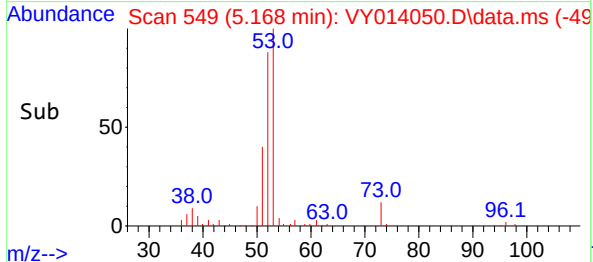
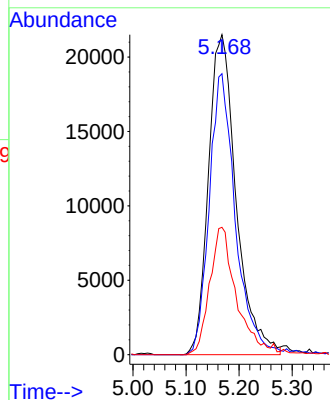
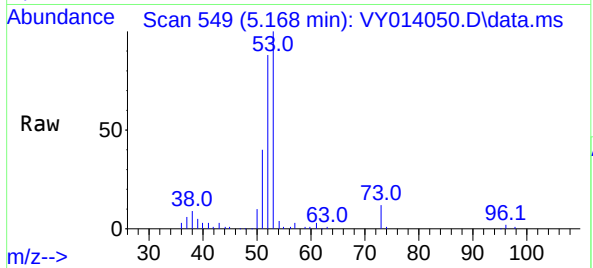




#15  
Acrylonitrile  
Concen: 87.519 ug/l  
RT: 5.168 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

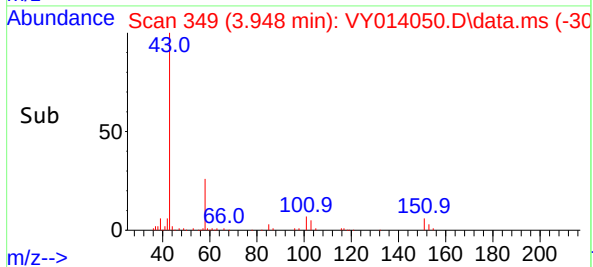
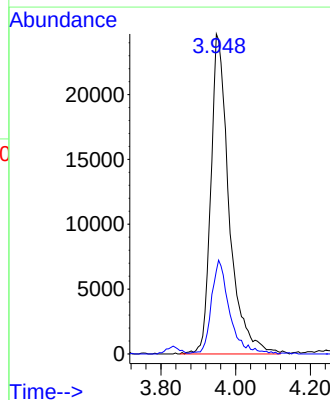
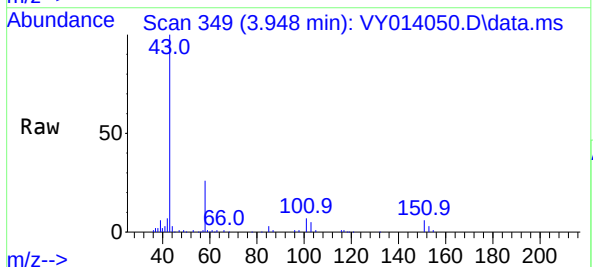
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

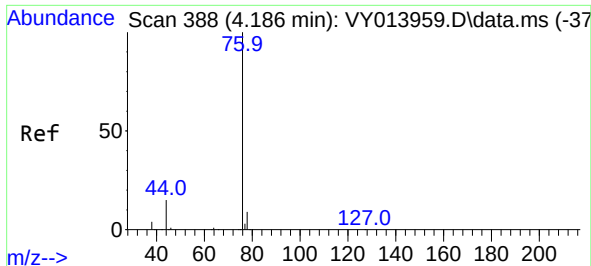
Tgt Ion: 53 Resp: 78099  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.9 100.3  
51 38.6 29.8 44.6



#16  
Acetone  
Concen: 80.436 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 43 Resp: 83730  
Ion Ratio Lower Upper  
43 100  
58 25.8 22.7 34.1

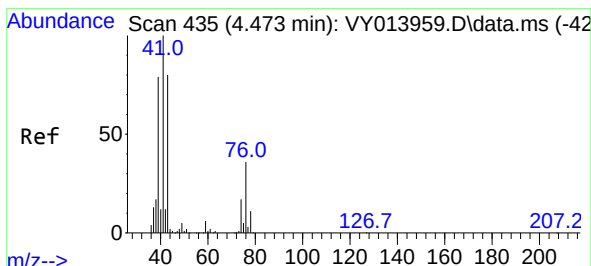
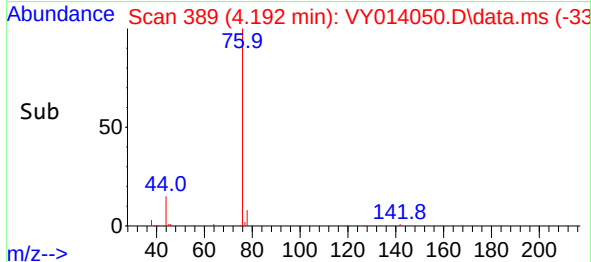
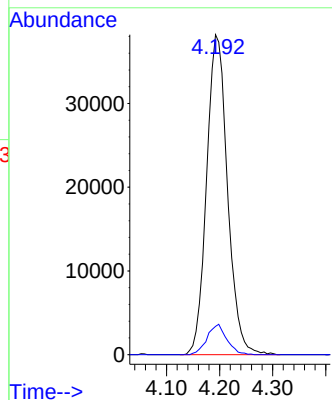
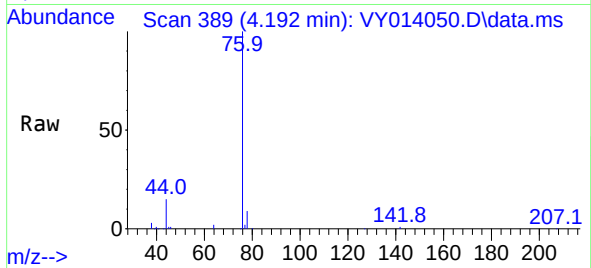




#17  
Carbon Disulfide  
Concen: 14.022 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

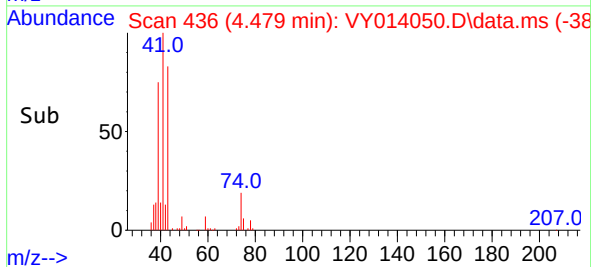
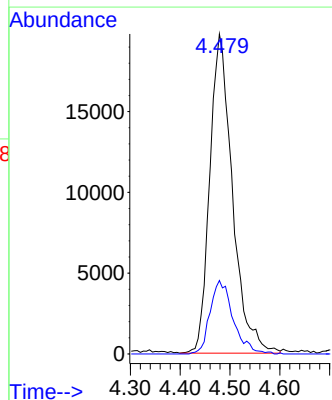
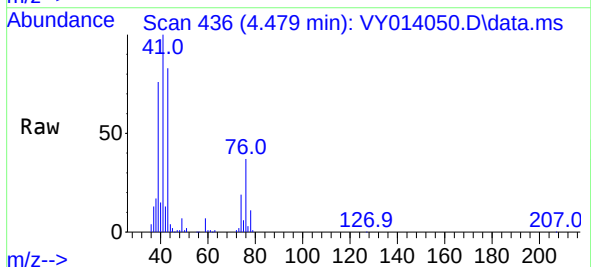
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

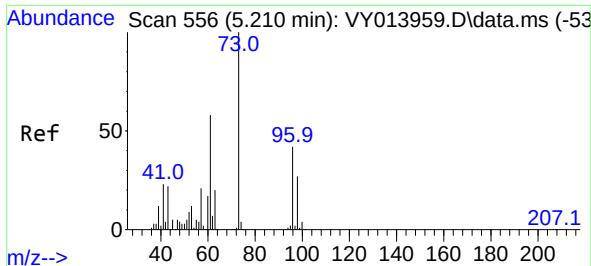
Tgt Ion: 76 Resp: 104758  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.0 10.4



#18  
Methyl Acetate  
Concen: 16.578 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 43 Resp: 62349  
Ion Ratio Lower Upper  
43 100  
74 23.4 17.4 26.0

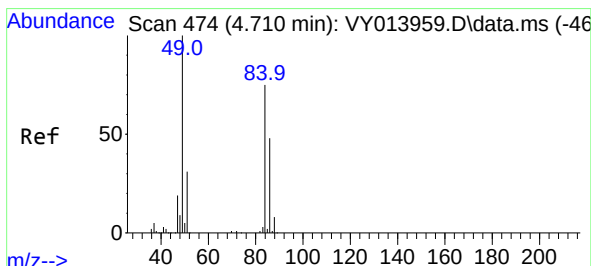
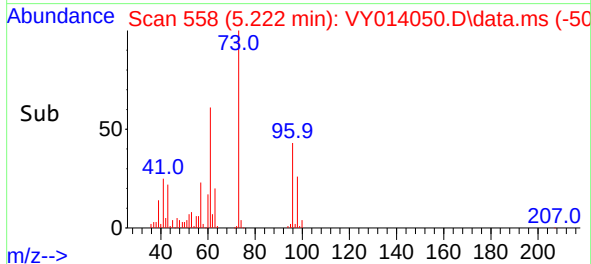
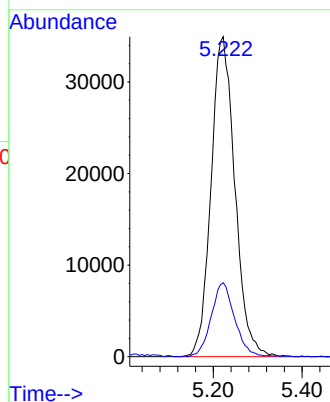
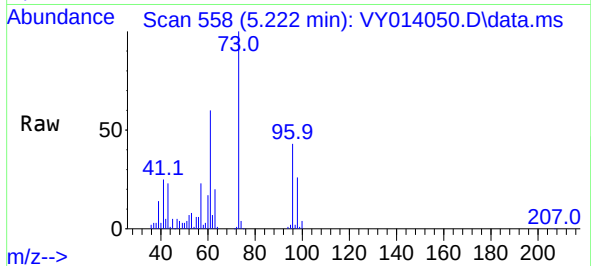




#19  
Methyl tert-butyl Ether  
Concen: 18.202 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

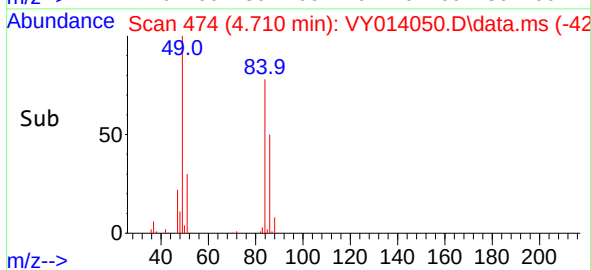
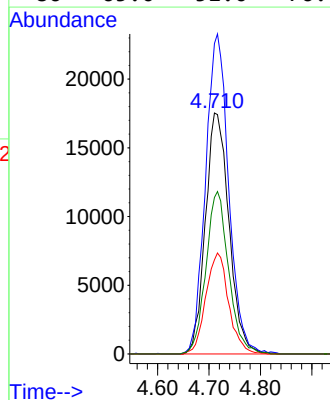
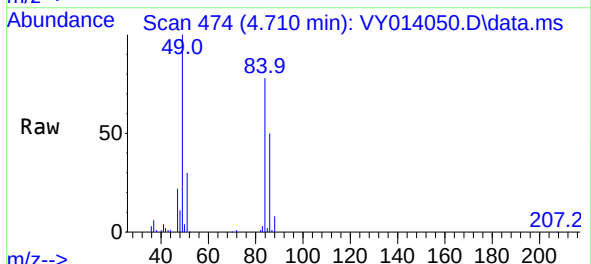
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

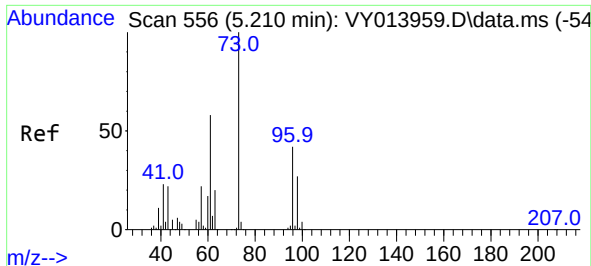
Tgt Ion: 73 Resp: 130105  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 17.236 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 84 Resp: 55898  
Ion Ratio Lower Upper  
84 100  
49 128.8 106.9 160.3  
51 39.0 33.2 49.8  
86 65.0 51.0 76.6

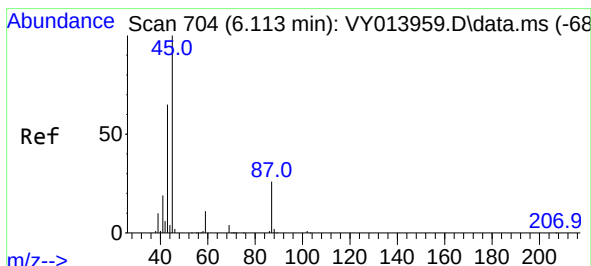
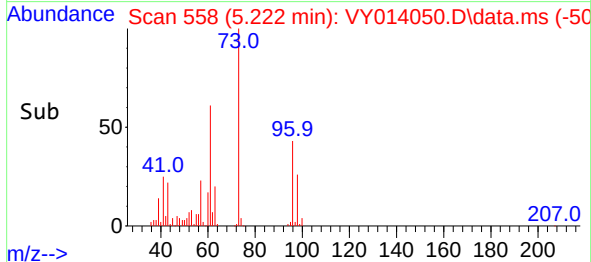
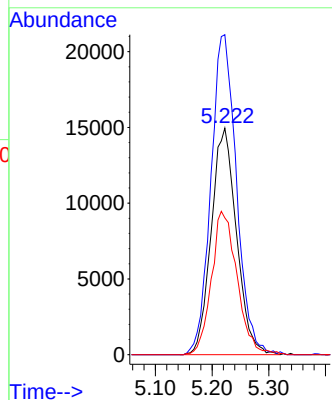
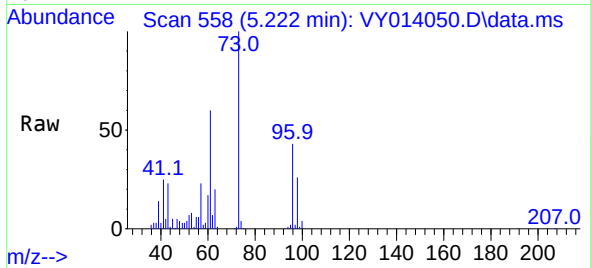




#21  
trans-1,2-Dichloroethene  
Concen: 18.470 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

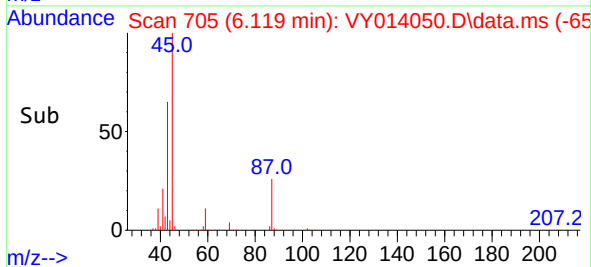
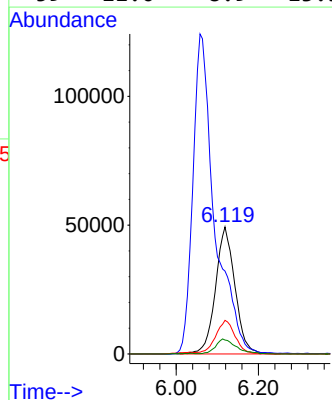
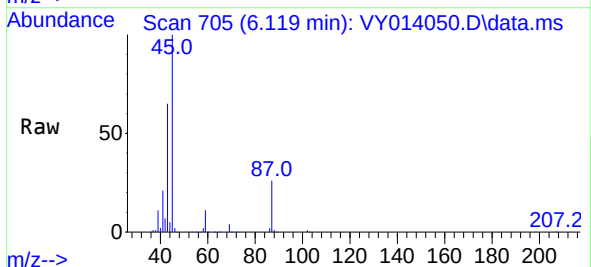
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

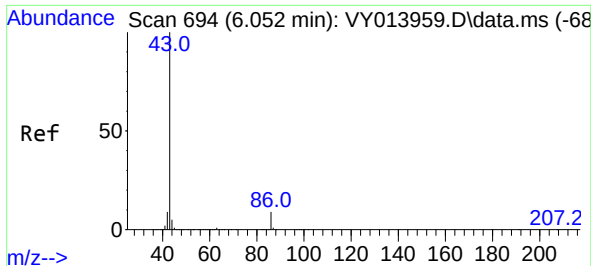
Tgt Ion: 96 Resp: 46221  
Ion Ratio Lower Upper  
96 100  
61 141.2 110.2 165.4  
98 60.3 51.8 77.6



#22  
Diisopropyl ether  
Concen: 19.504 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 45 Resp: 162098  
Ion Ratio Lower Upper  
45 100  
43 64.6 52.2 78.4  
87 26.4 21.0 31.6  
59 11.0 8.9 13.3

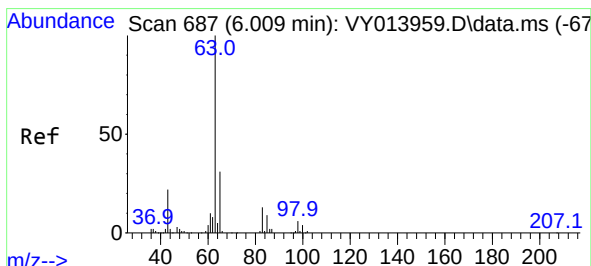
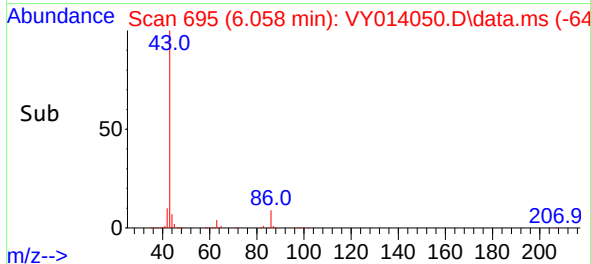
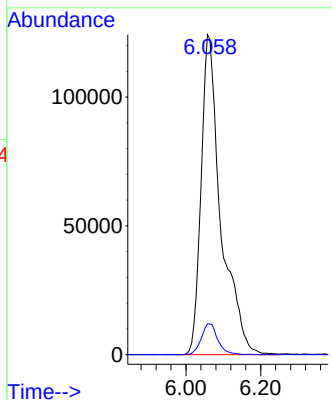
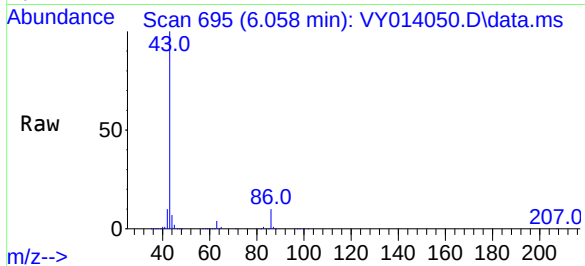




#23  
 Vinyl Acetate  
 Concen: 87.453 ug/l  
 RT: 6.058 min Scan# 694  
 Delta R.T. 0.006 min  
 Lab File: VY014050.D  
 Acq: 07 Jun 2023 11:24

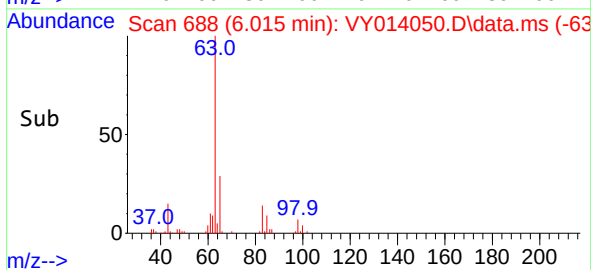
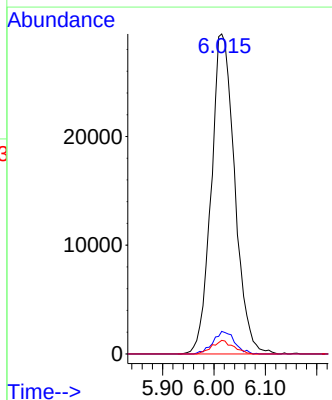
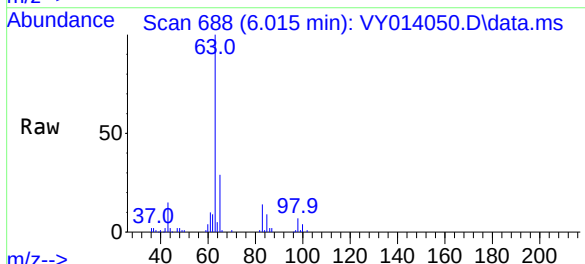
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0607SBS01

Tgt Ion: 43 Resp: 455879  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.5 11.3

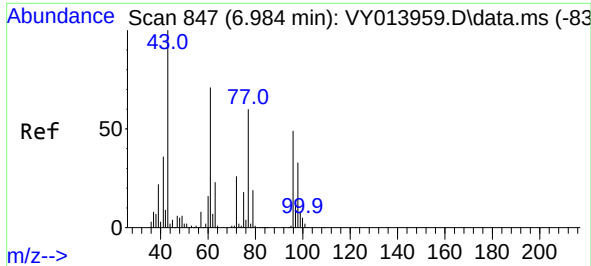


#24  
 1,1-Dichloroethane  
 Concen: 20.138 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.006 min  
 Lab File: VY014050.D  
 Acq: 07 Jun 2023 11:24

Tgt Ion: 63 Resp: 93422  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.1 9.4  
 100 4.3 1.8 5.5



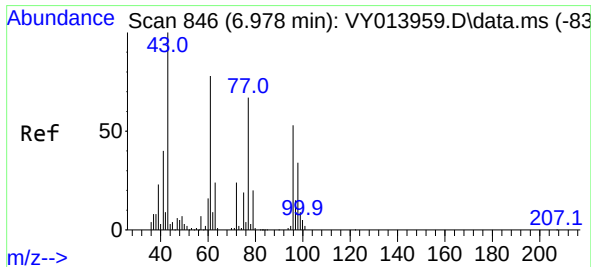
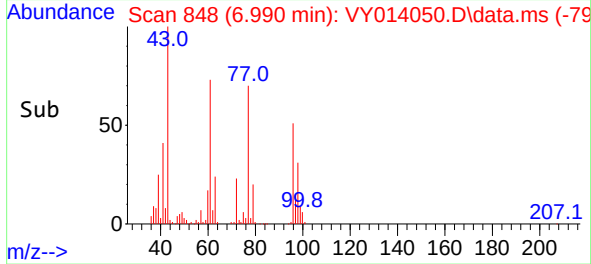
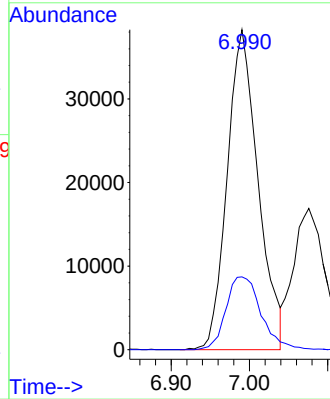
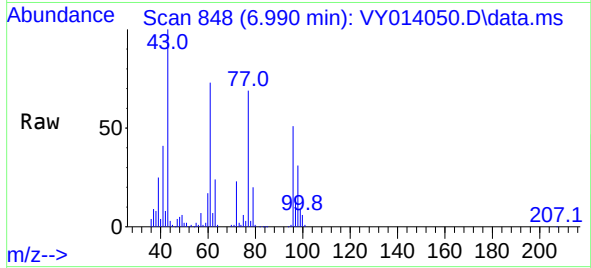




#25  
2-Butanone  
Concen: 80.930 ug/l  
RT: 6.990 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

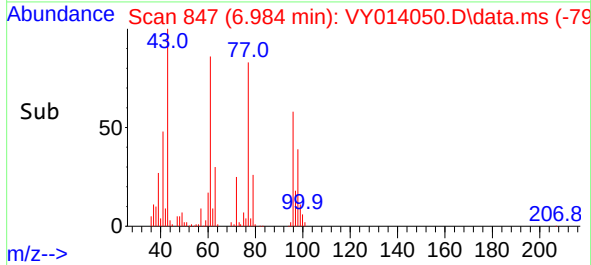
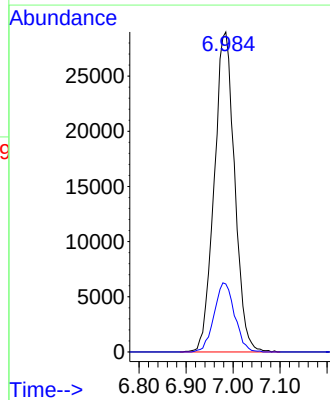
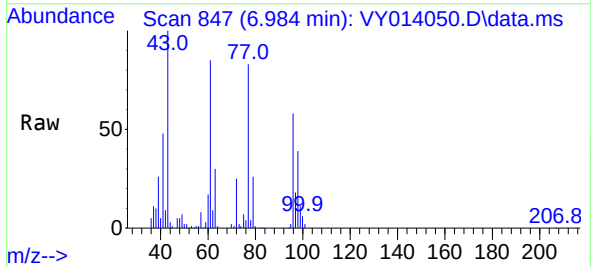
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

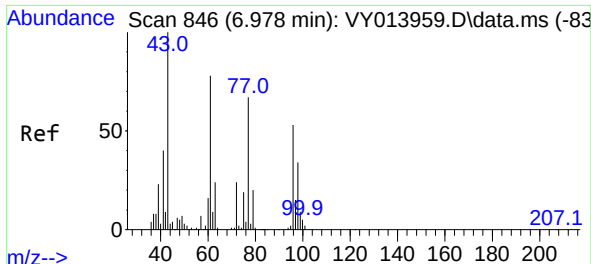
Tgt Ion: 43 Resp: 104950  
Ion Ratio Lower Upper  
43 100  
72 22.7 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 20.772 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 77 Resp: 87453  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.9 32.9

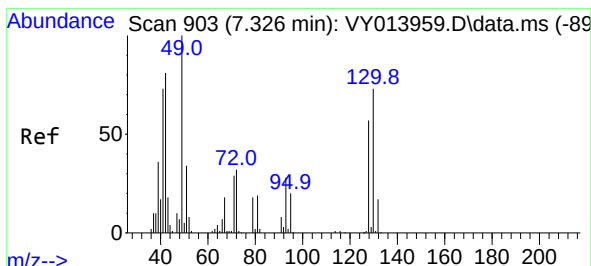
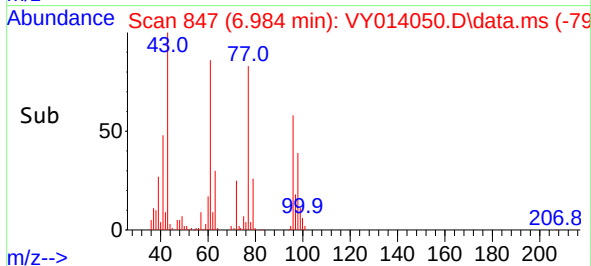
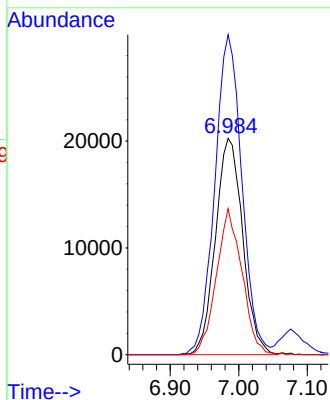
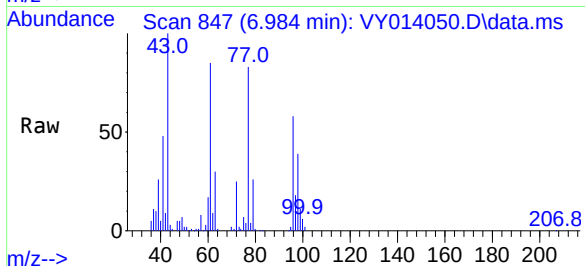




#27  
cis-1,2-Dichloroethene  
Concen: 19.497 ug/l  
RT: 6.984 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

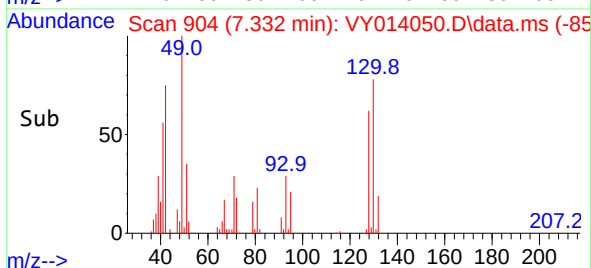
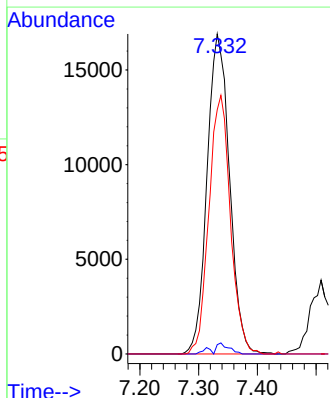
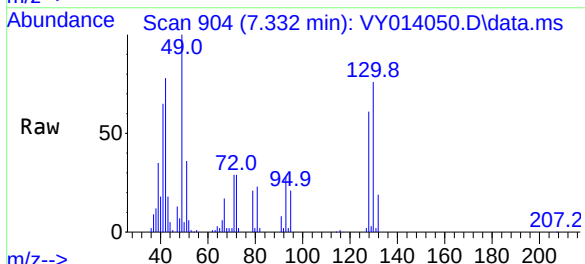
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

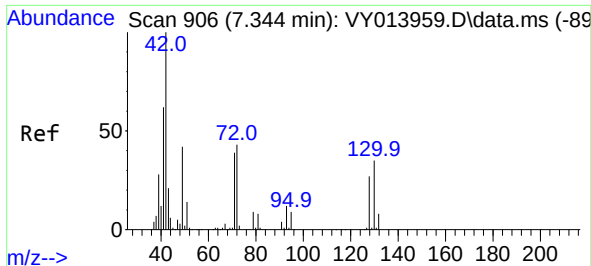
Tgt Ion: 96 Resp: 55863  
Ion Ratio Lower Upper  
96 100  
61 147.1 0.0 301.4  
98 63.6 0.0 130.4



#28  
Bromochloromethane  
Concen: 20.475 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 49 Resp: 44857  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.6  
130 77.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 82.855 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

VY0607SBS01

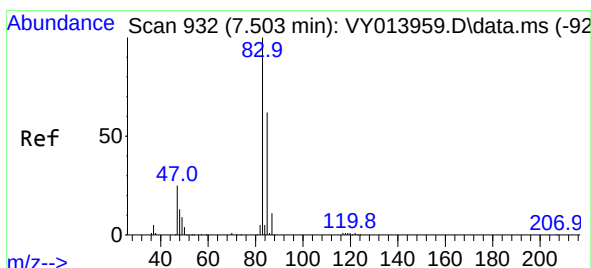
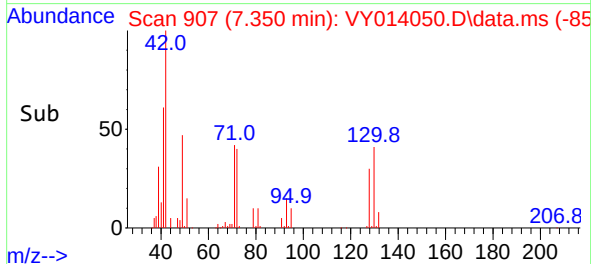
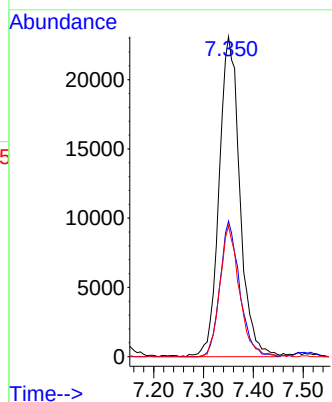
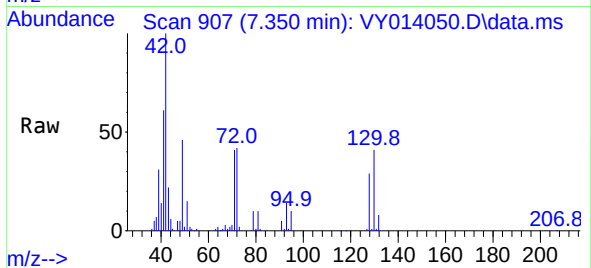
Tgt Ion: 42 Resp: 66816

Ion Ratio Lower Upper

42 100

72 40.1 32.8 49.2

71 38.4 31.0 46.4



#30

Chloroform

Concen: 20.801 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014050.D

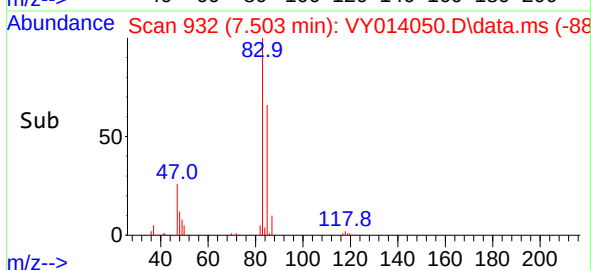
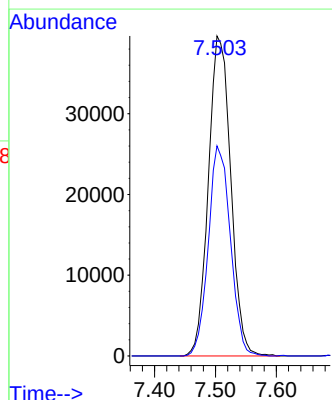
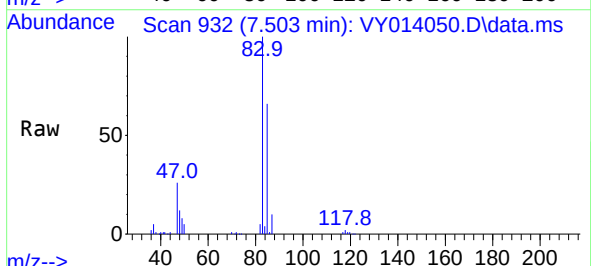
Acq: 07 Jun 2023 11:24

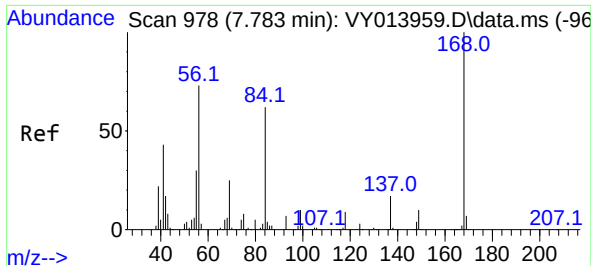
Tgt Ion: 83 Resp: 101317

Ion Ratio Lower Upper

83 100

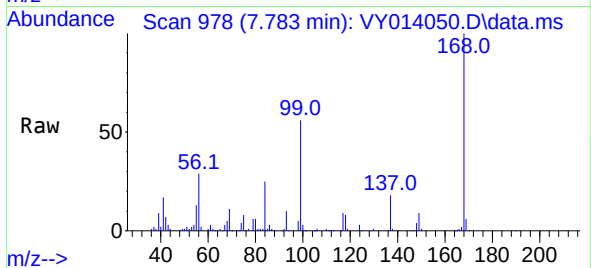
85 65.7 49.7 74.5



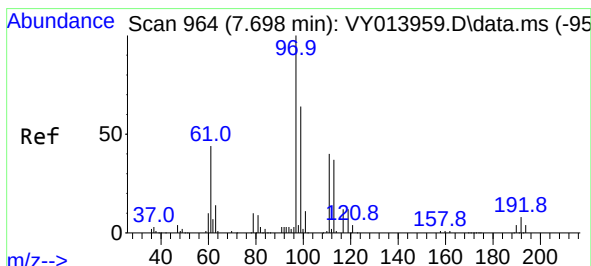
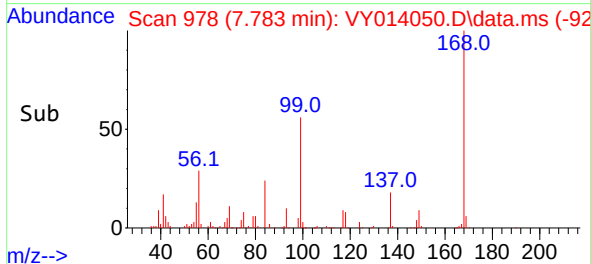
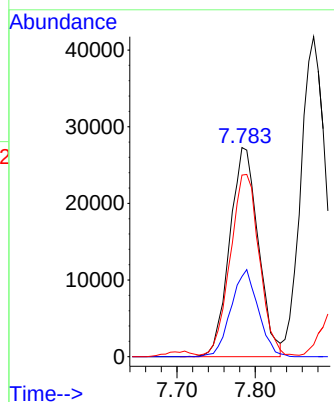


#31  
Cyclohexane  
Concen: 18.916 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

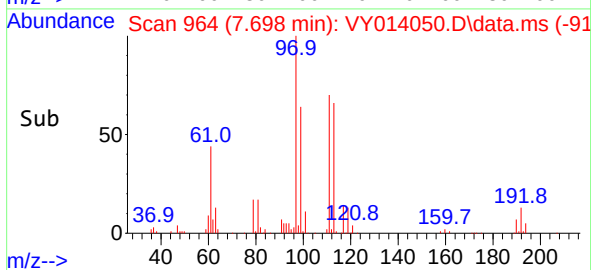
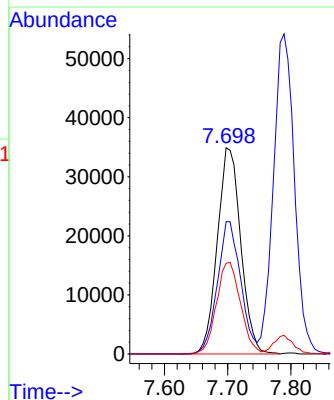
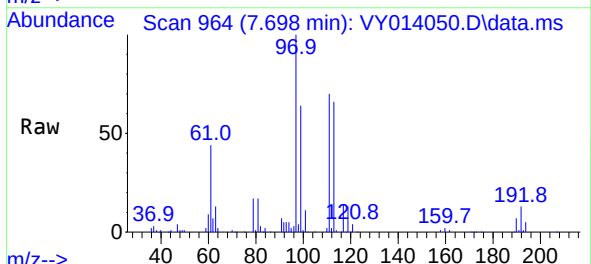


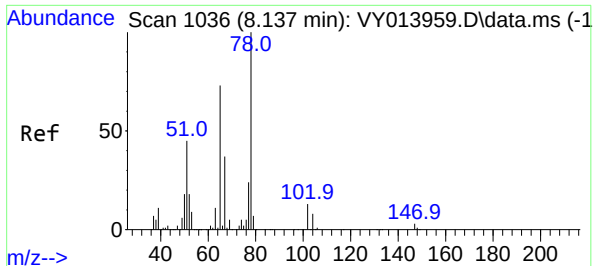
Tgt Ion: 56 Resp: 69302  
Ion Ratio Lower Upper  
56 100  
69 38.3 27.8 41.6  
84 84.8 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 21.746 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 97 Resp: 89843  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.8 76.2  
61 45.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.247 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

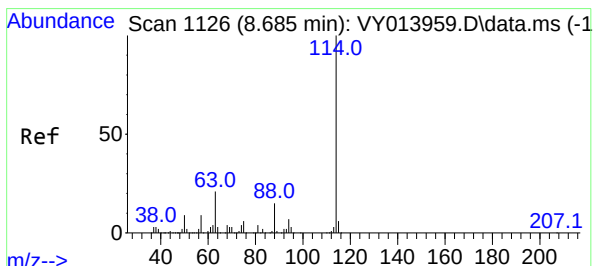
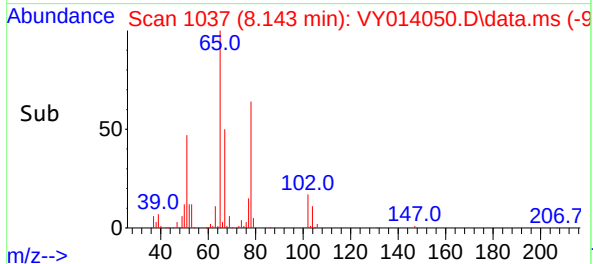
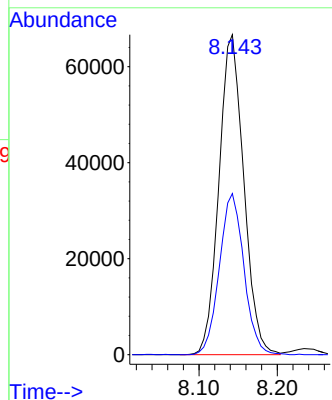
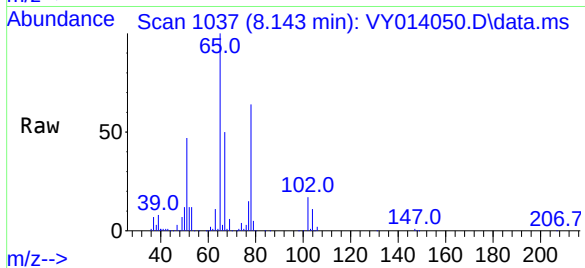
VY0607SBS01

Tgt Ion: 65 Resp: 146794

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

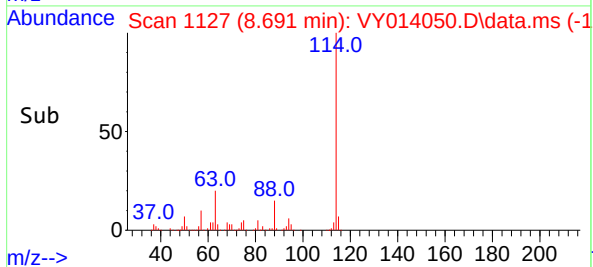
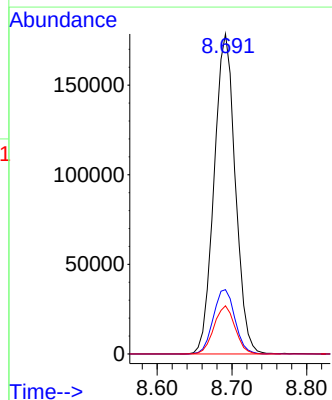
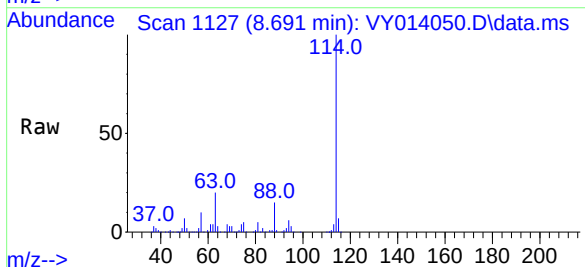
Tgt Ion: 114 Resp: 351342

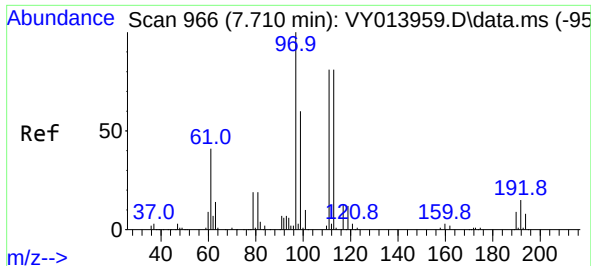
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.0 0.0 30.6

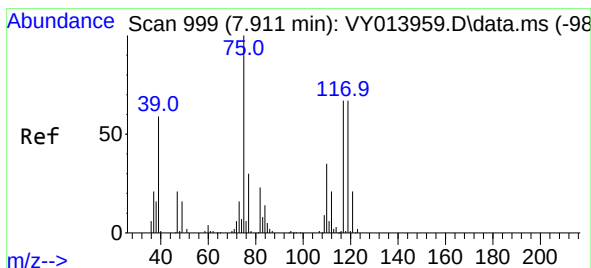
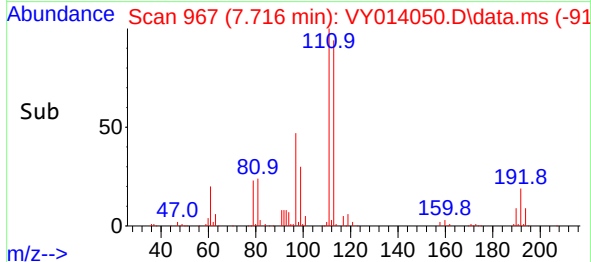
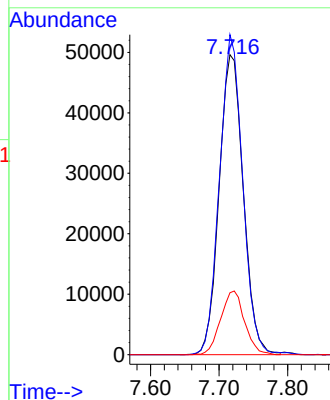
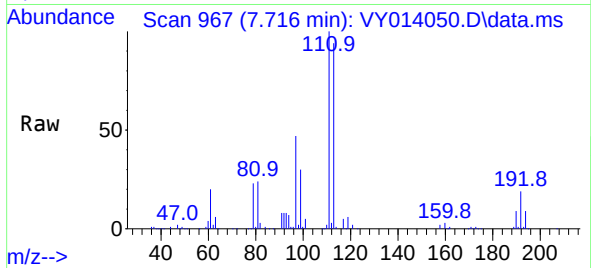




#35  
Dibromofluoromethane  
Concen: 54.280 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

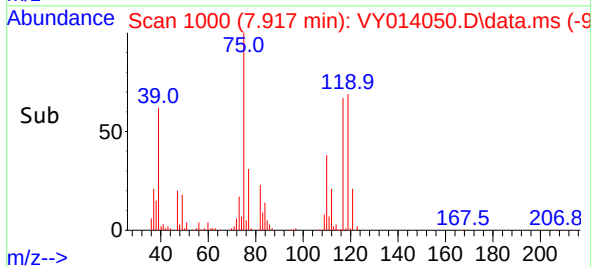
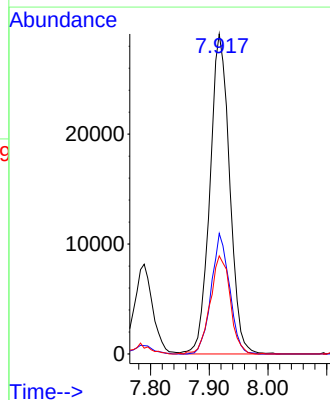
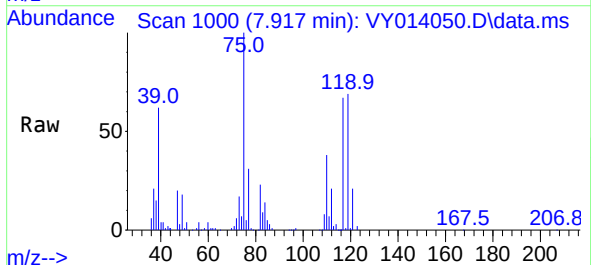
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

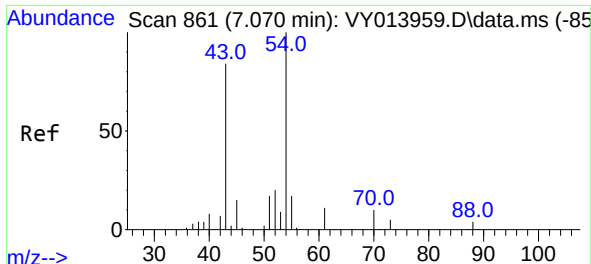
Tgt Ion:113 Resp: 121197  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.3 121.9  
192 21.0 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 21.298 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 75 Resp: 67750  
Ion Ratio Lower Upper  
75 100  
110 34.9 17.8 53.5  
77 31.1 24.4 36.6

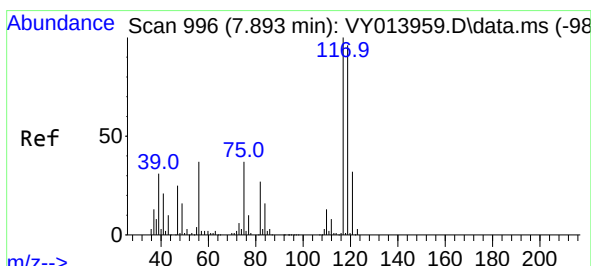
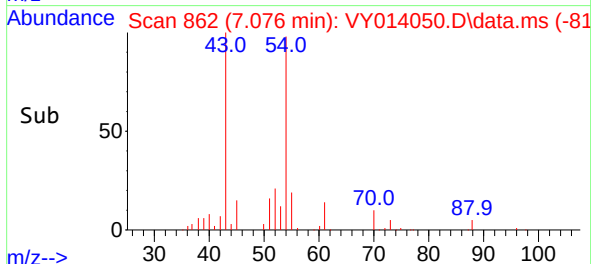
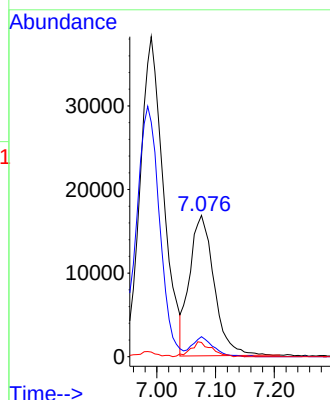
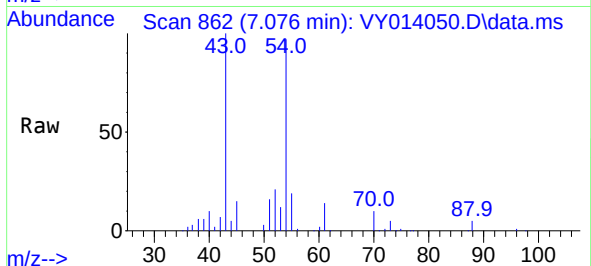




#37  
Ethyl Acetate  
Concen: 17.577 ug/l  
RT: 7.076 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

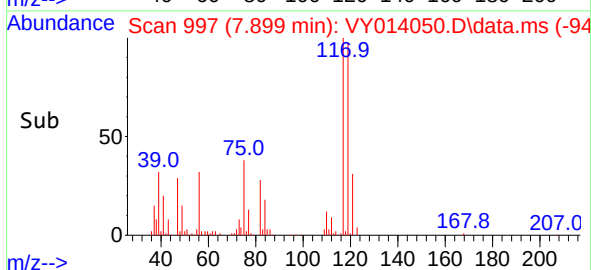
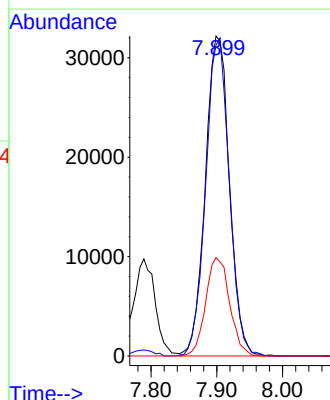
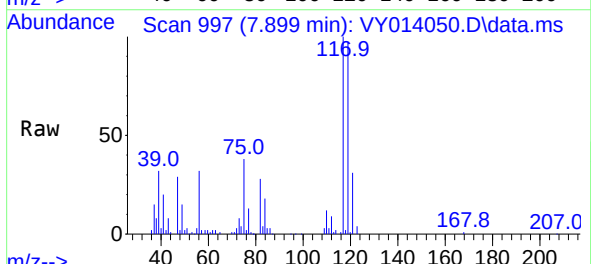
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

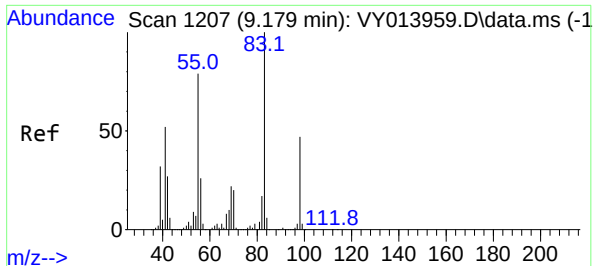
Tgt Ion: 43 Resp: 48750  
Ion Ratio Lower Upper  
43 100  
61 12.1 10.1 15.1  
70 9.0 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 23.021 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 117 Resp: 82062  
Ion Ratio Lower Upper  
117 100  
119 97.2 76.4 114.6  
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 20.934 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

VY0607SBS01

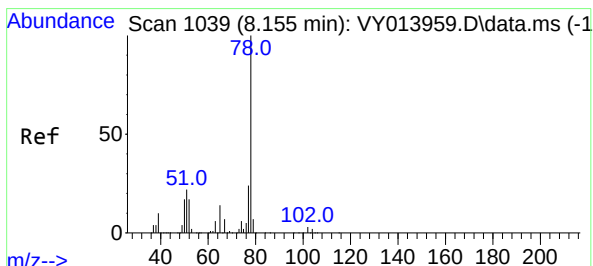
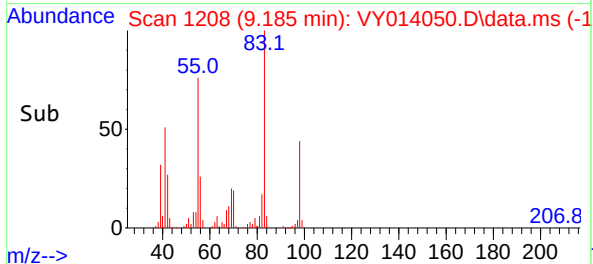
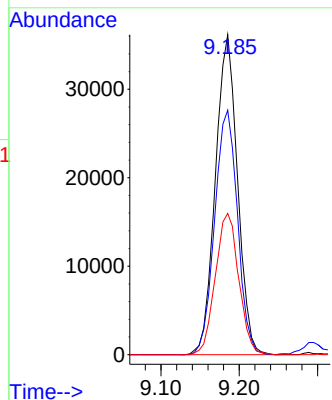
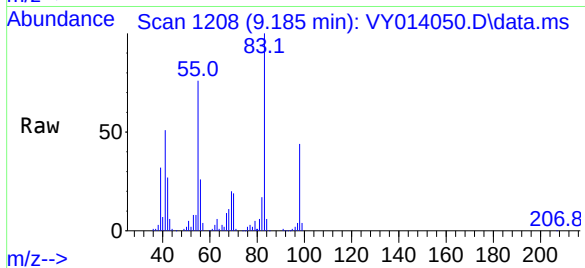
Tgt Ion: 83 Resp: 71092

Ion Ratio Lower Upper

83 100

55 76.4 63.0 94.4

98 44.2 37.4 56.2



#40

Benzene

Concen: 20.488 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014050.D

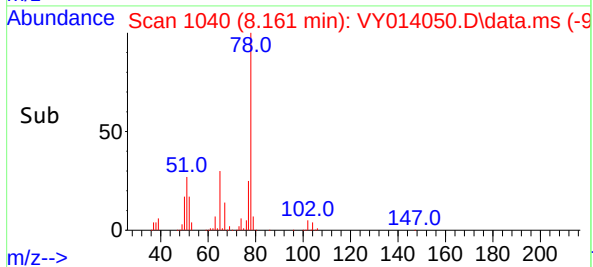
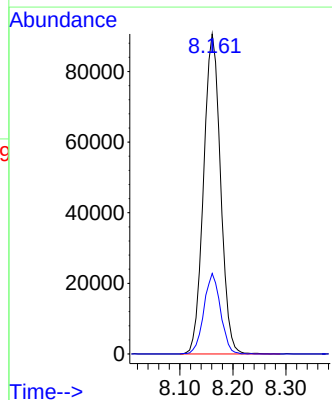
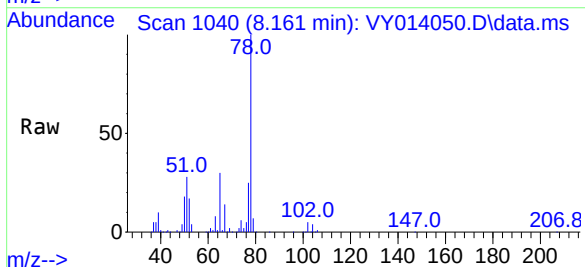
Acq: 07 Jun 2023 11:24

Tgt Ion: 78 Resp: 201051

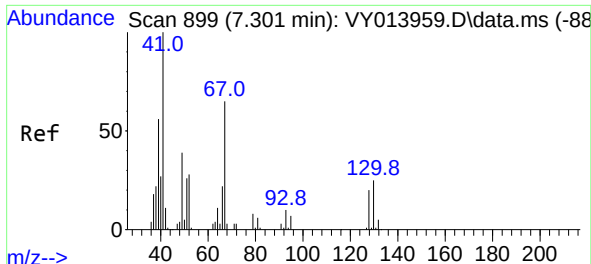
Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6





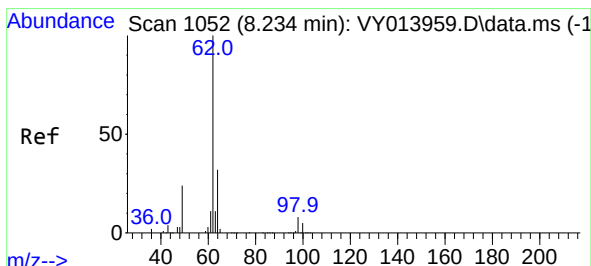
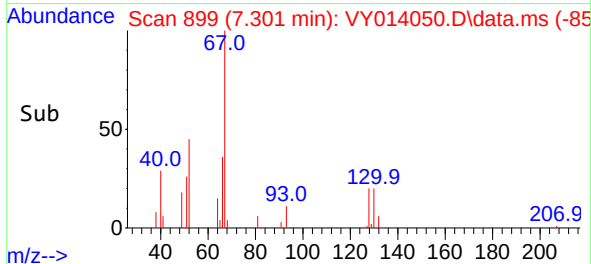
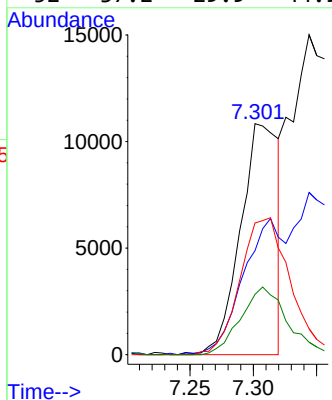
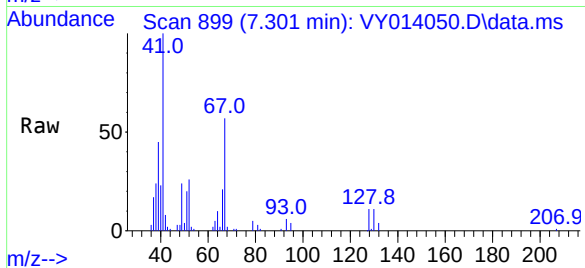


#41  
Methacrylonitrile  
Concen: 17.668 ug/l  
RT: 7.301 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

Tgt Ion: 41 Resp: 22648

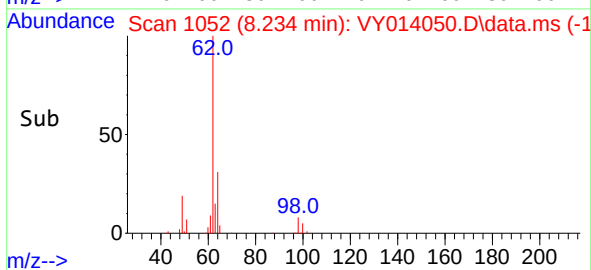
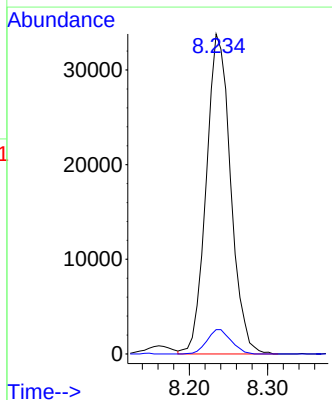
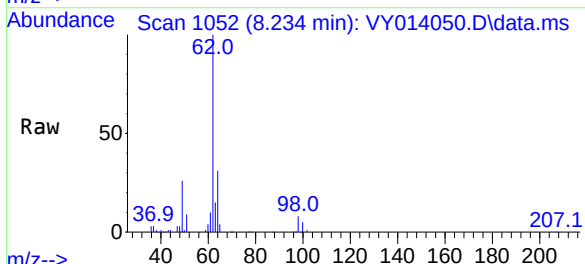
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 64.3  | 52.1  | 78.1  |
| 67  | 78.7  | 66.2  | 99.2  |
| 52  | 37.2  | 29.9  | 44.9  |

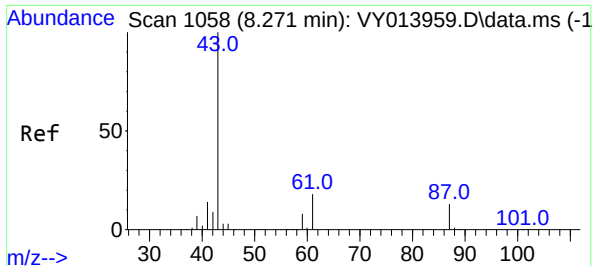


#42  
1,2-Dichloroethane  
Concen: 20.346 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 62 Resp: 73213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.5   | 0.0   | 15.8  |

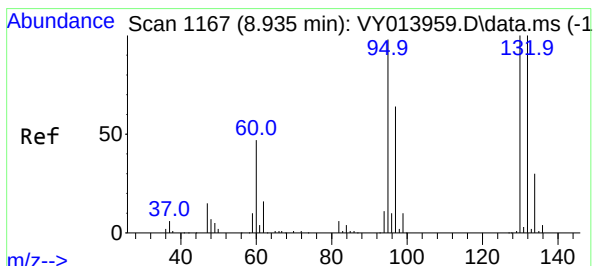
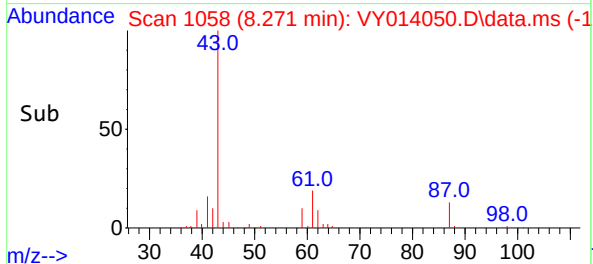
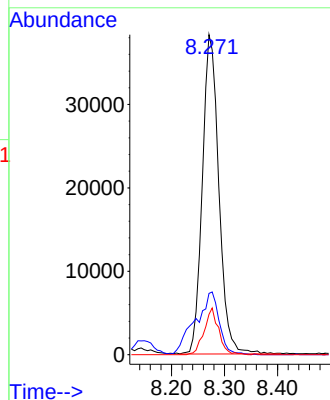
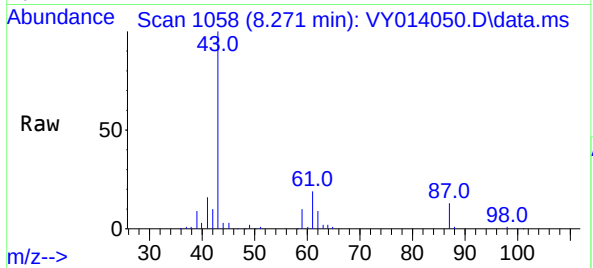




#43  
Isopropyl Acetate  
Concen: 17.764 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

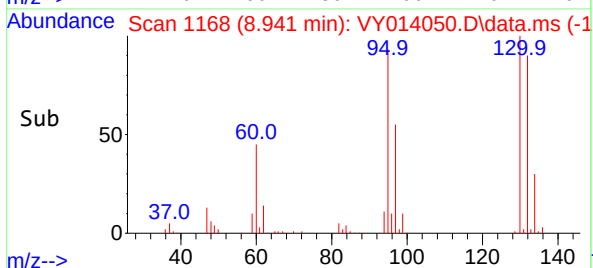
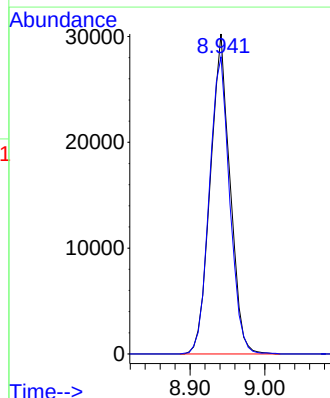
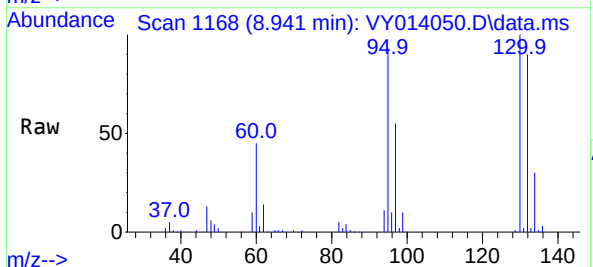
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

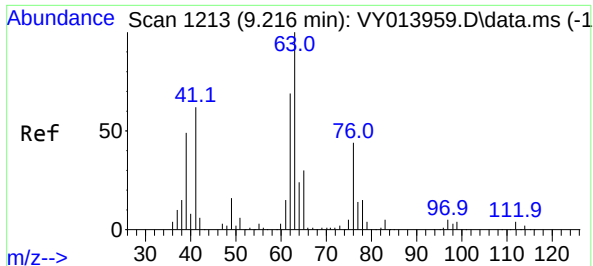
Tgt Ion: 43 Resp: 82955  
Ion Ratio Lower Upper  
43 100  
61 28.4 21.1 31.7  
87 12.9 9.8 14.8



#44  
Trichloroethene  
Concen: 21.611 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:130 Resp: 55536  
Ion Ratio Lower Upper  
130 100  
95 92.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.867 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

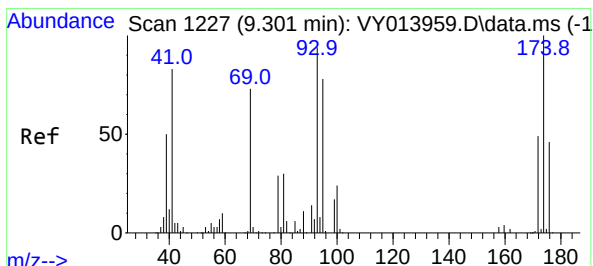
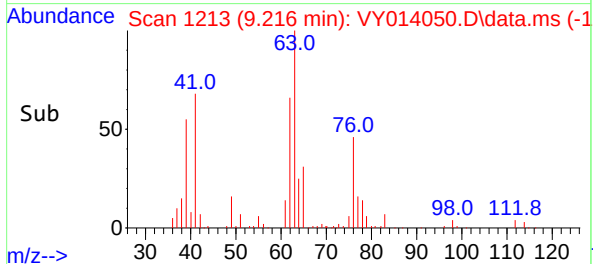
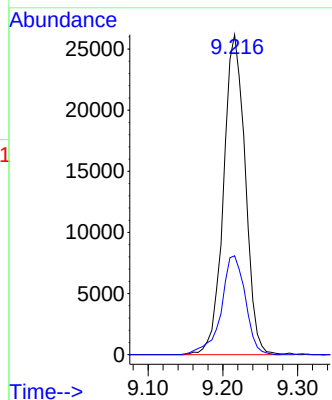
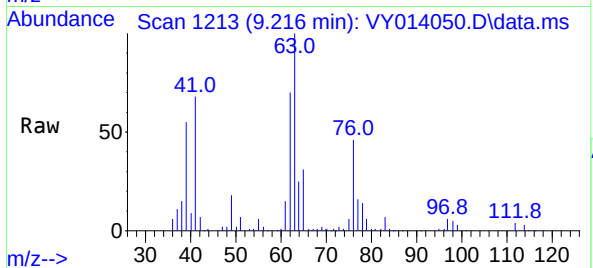
VY0607SBS01

Tgt Ion: 63 Resp: 52843

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 19.937 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

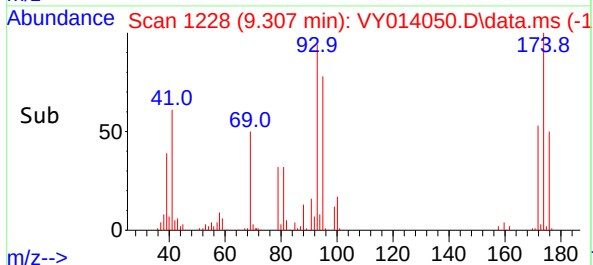
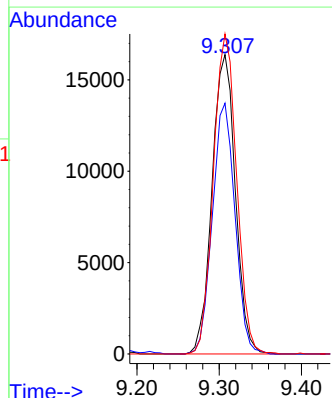
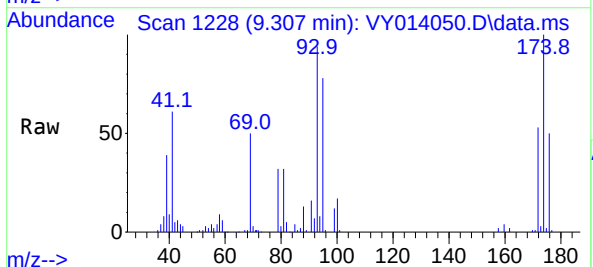
Tgt Ion: 93 Resp: 32322

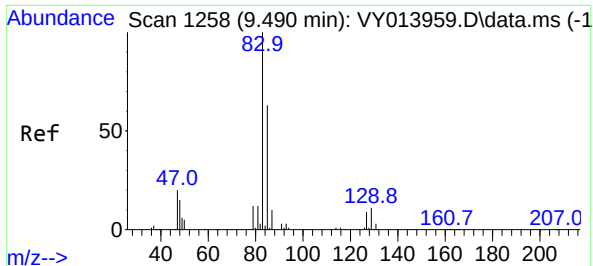
Ion Ratio Lower Upper

93 100

95 81.3 66.6 100.0

174 106.4 84.8 127.2





#47

Bromodichloromethane

Concen: 21.443 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

VY0607SBS01

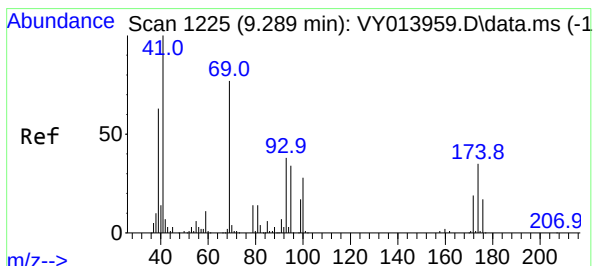
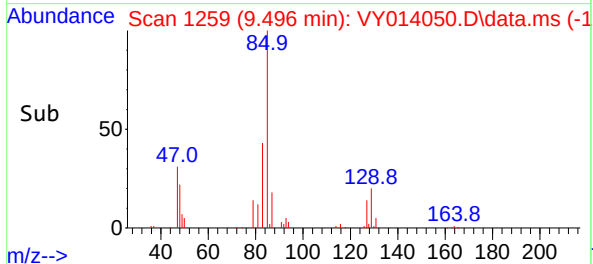
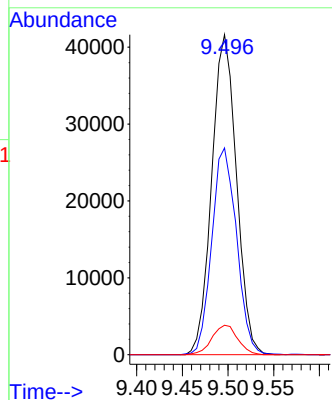
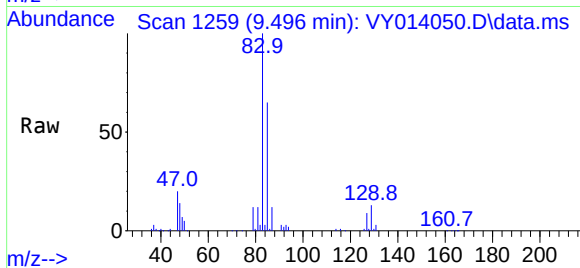
Tgt Ion: 83 Resp: 78312

Ion Ratio Lower Upper

83 100

85 64.6 50.1 75.1

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 18.092 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

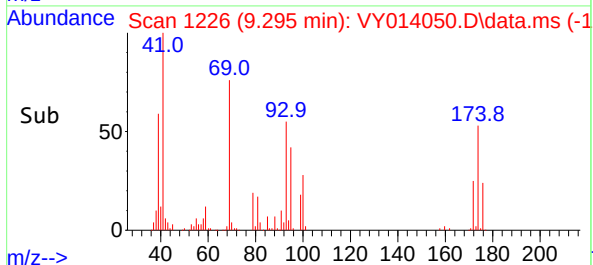
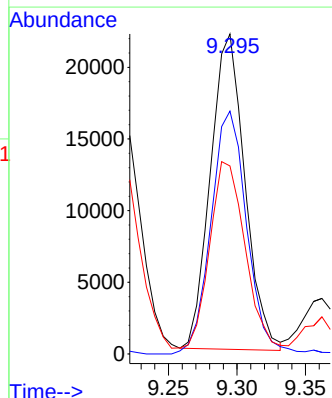
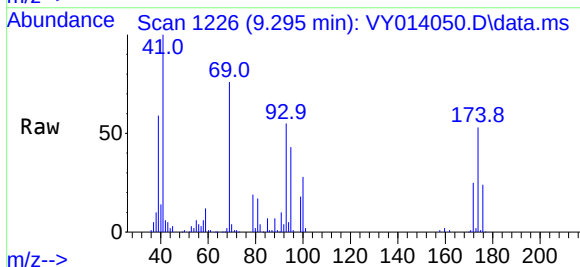
Tgt Ion: 41 Resp: 38456

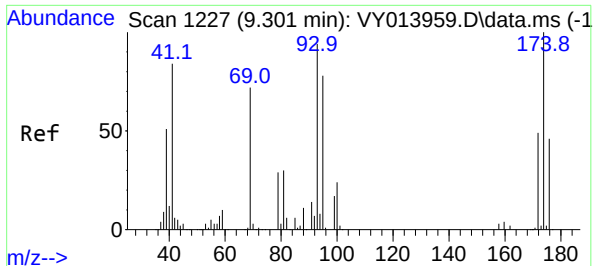
Ion Ratio Lower Upper

41 100

69 80.6 64.5 96.7

39 64.5 50.8 76.2





#49

1,4-Dioxane

Concen: 373.844 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

VY0607SBS01

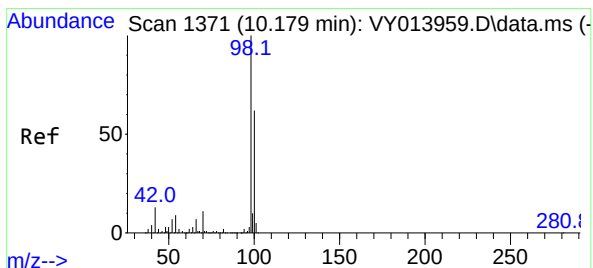
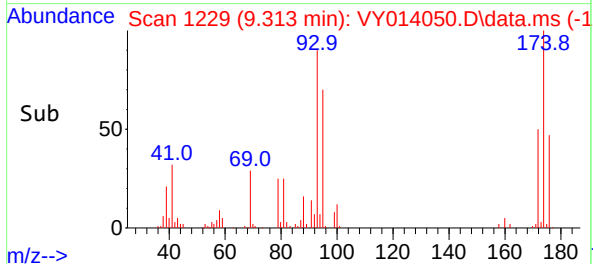
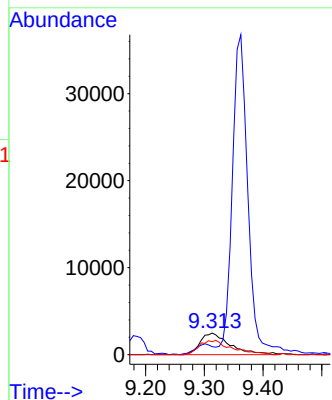
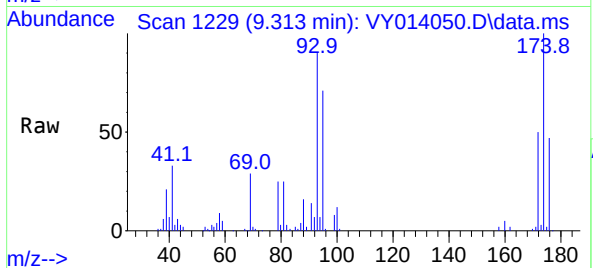
Tgt Ion: 88 Resp: 8814

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 71.0 30.9 46.3#



#50

Toluene-d8

Concen: 52.793 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY014050.D

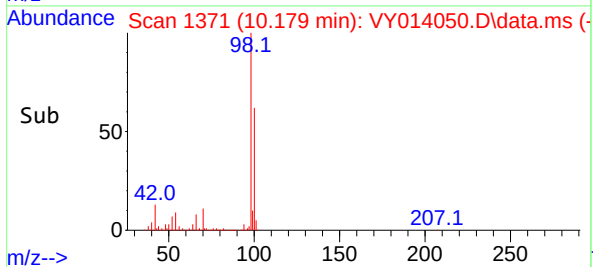
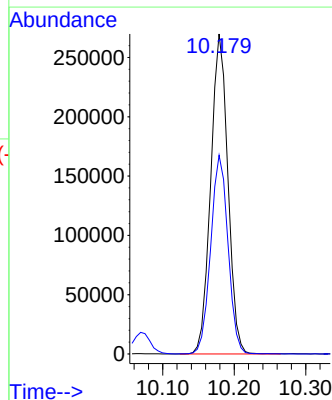
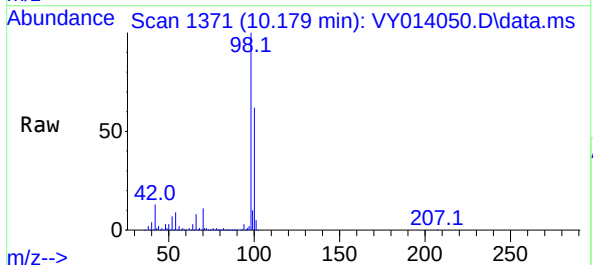
Acq: 07 Jun 2023 11:24

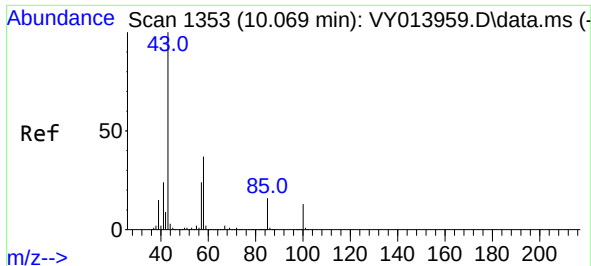
Tgt Ion: 98 Resp: 449635

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1

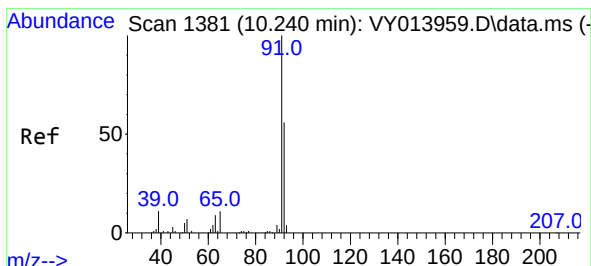
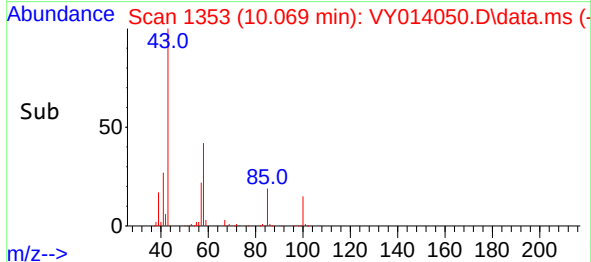
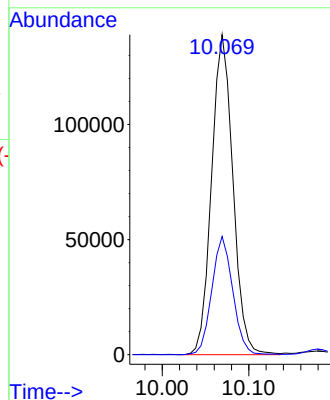
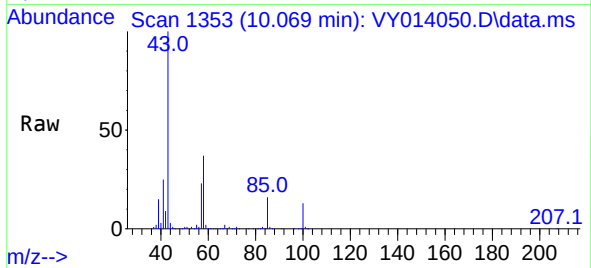




#51  
4-Methyl-2-Pentanone  
Concen: 90.301 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

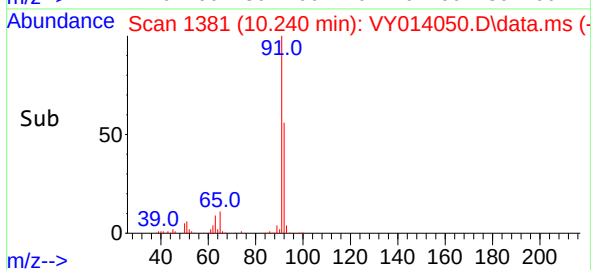
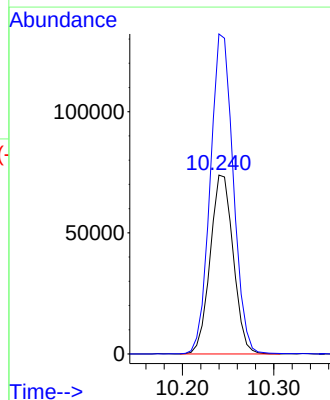
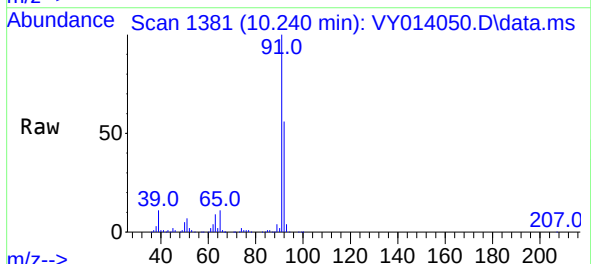
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

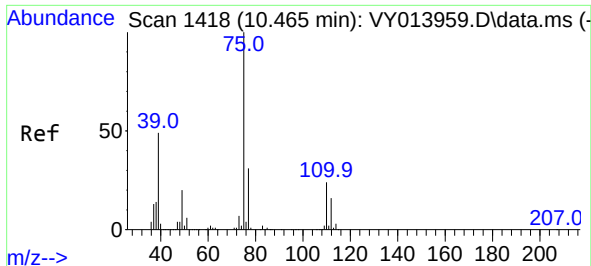
Tgt Ion: 43 Resp: 238189  
Ion Ratio Lower Upper  
43 100  
58 36.2 29.0 43.6



#52  
Toluene  
Concen: 21.485 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 92 Resp: 129156  
Ion Ratio Lower Upper  
92 100  
91 179.3 143.8 215.6

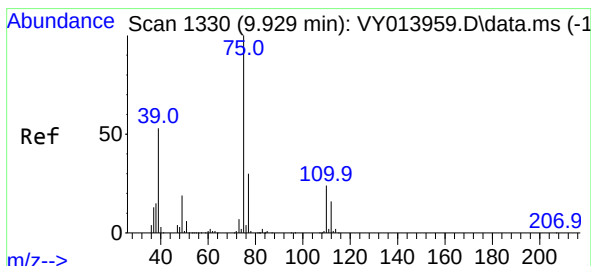
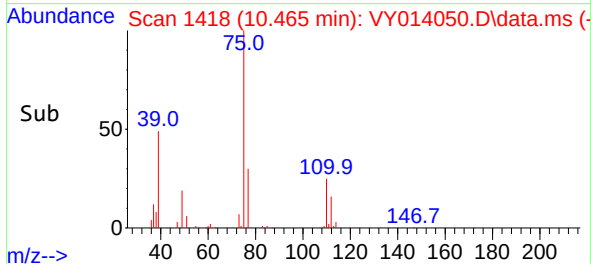
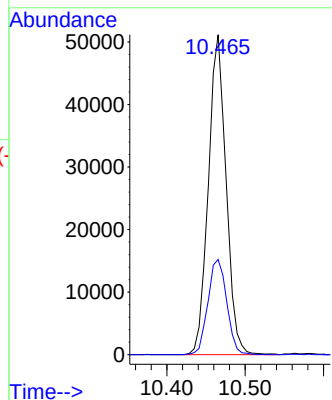
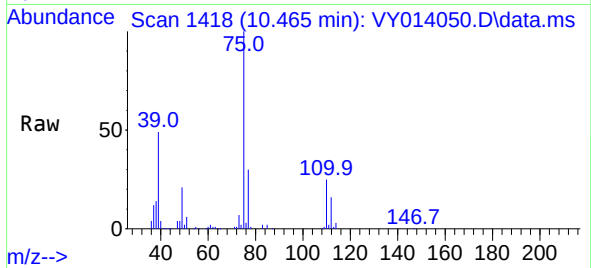




#53  
t-1,3-Dichloropropene  
Concen: 20.528 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

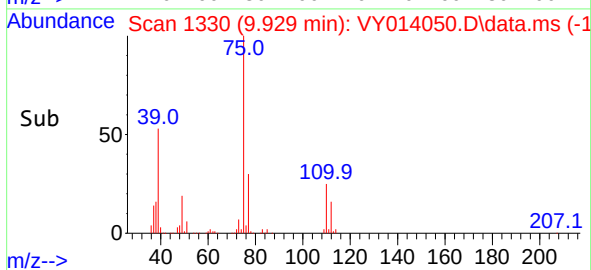
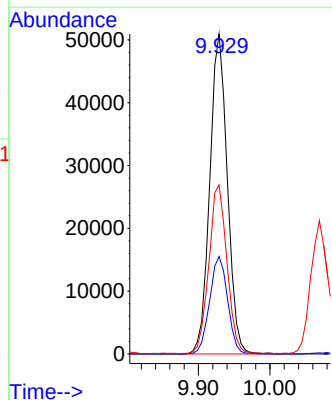
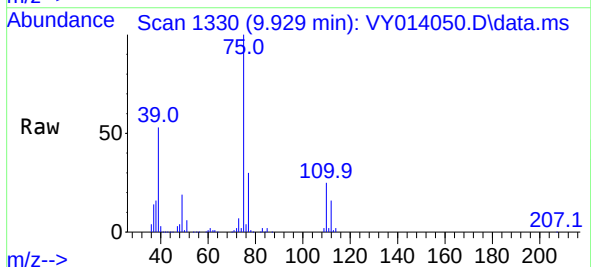
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

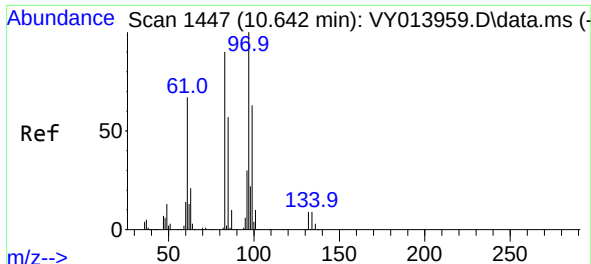
Tgt Ion: 75 Resp: 80533  
Ion Ratio Lower Upper  
75 100  
77 29.7 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.723 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 75 Resp: 86800  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.2 36.4  
39 52.9 42.2 63.4



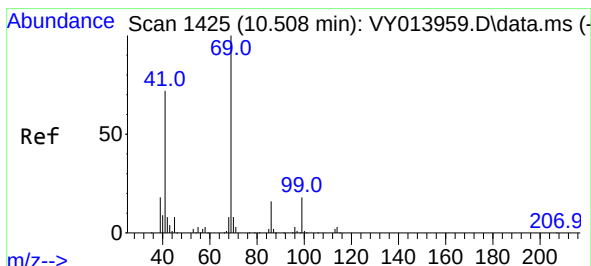
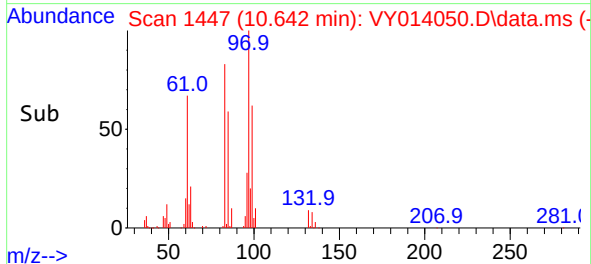
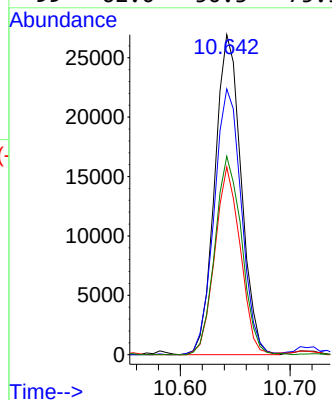
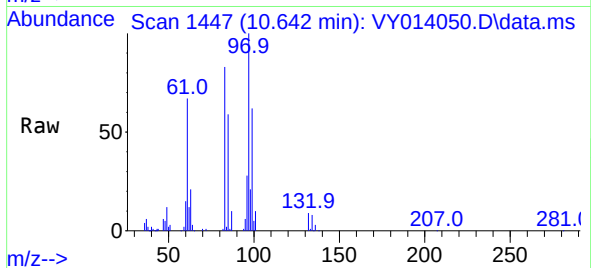


#55  
1,1,2-Trichloroethane  
Concen: 21.047 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

Tgt Ion: 97 Resp: 44984

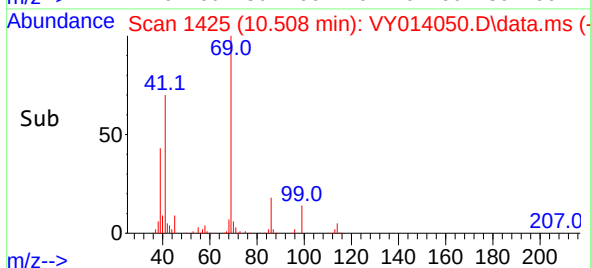
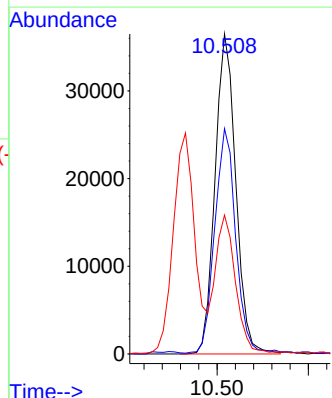
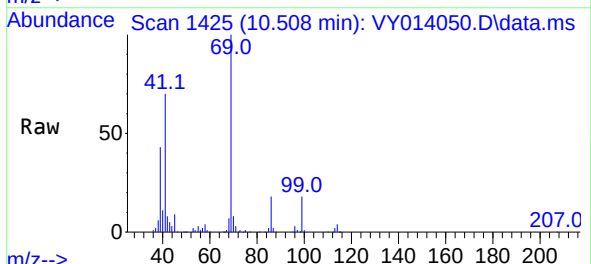
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.1  | 72.0  | 108.0 |
| 85  | 58.6  | 45.4  | 68.0  |
| 99  | 62.0  | 50.3  | 75.5  |



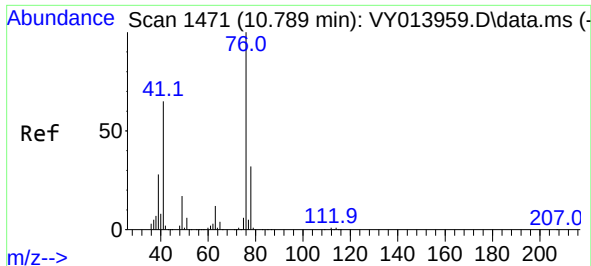
#56  
Ethyl methacrylate  
Concen: 18.725 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 69 Resp: 57463

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.1  | 57.6  | 86.4  |
| 39  | 41.6  | 34.1  | 51.1  |







#57

1,3-Dichloropropane

Concen: 20.485 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

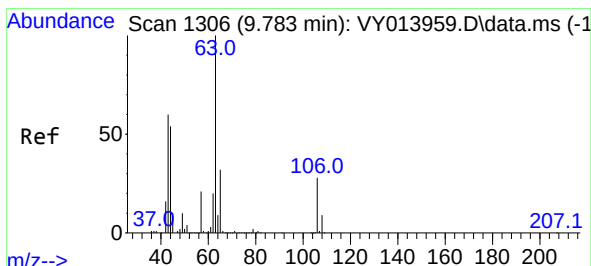
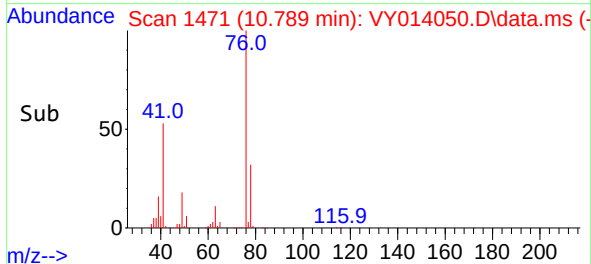
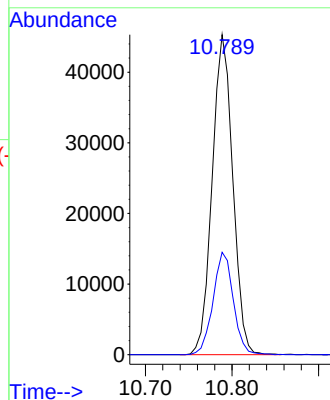
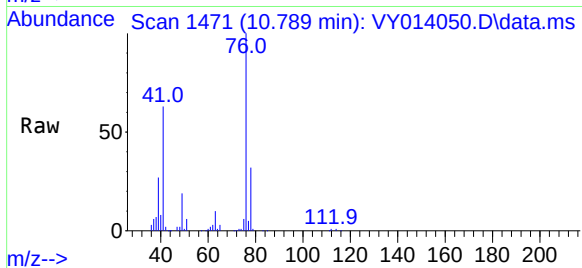
VY0607SBS01

Tgt Ion: 76 Resp: 74813

Ion Ratio Lower Upper

76 100

78 31.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 77.225 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY014050.D

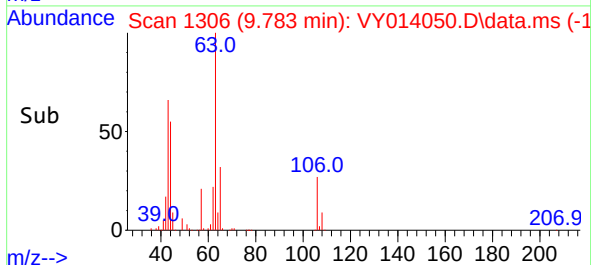
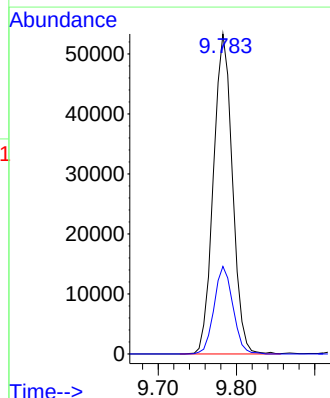
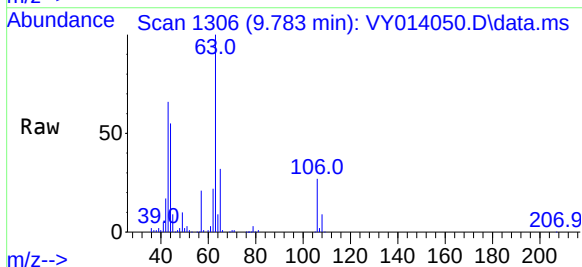
Acq: 07 Jun 2023 11:24

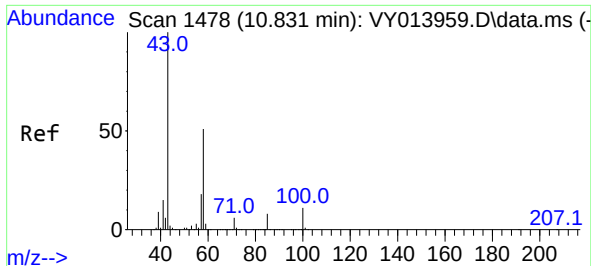
Tgt Ion: 63 Resp: 90036

Ion Ratio Lower Upper

63 100

106 27.0 21.2 31.8

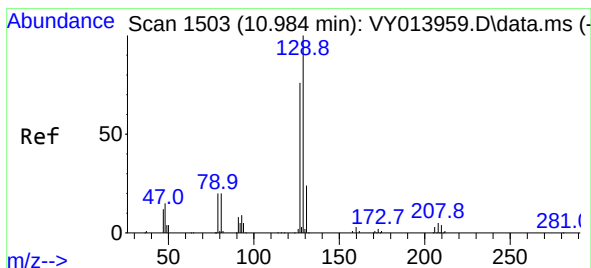
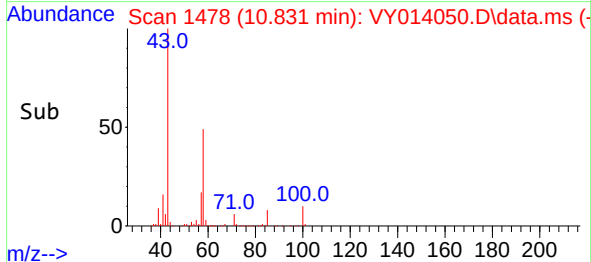
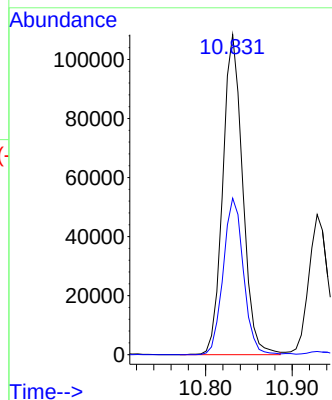
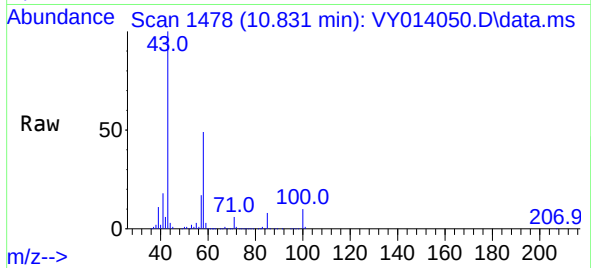




#59  
2-Hexanone  
Concen: 90.515 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

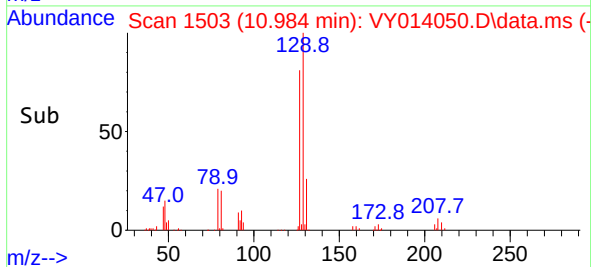
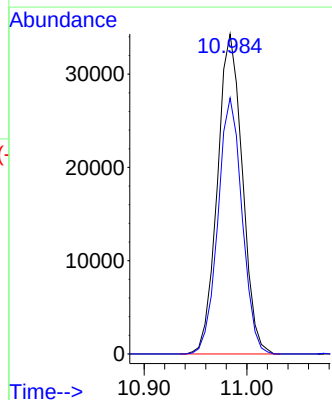
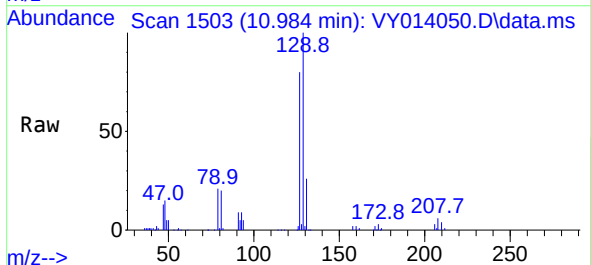
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

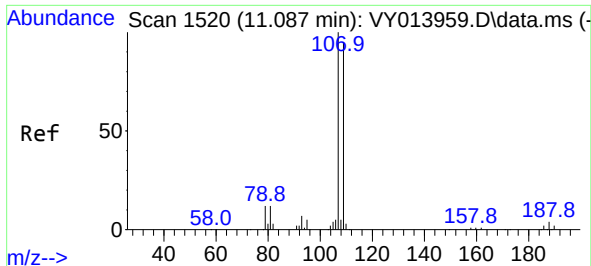
Tgt Ion: 43 Resp: 172882  
Ion Ratio Lower Upper  
43 100  
58 49.8 25.1 75.3



#60  
Dibromochloromethane  
Concen: 21.382 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 129 Resp: 57761  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.5 115.5

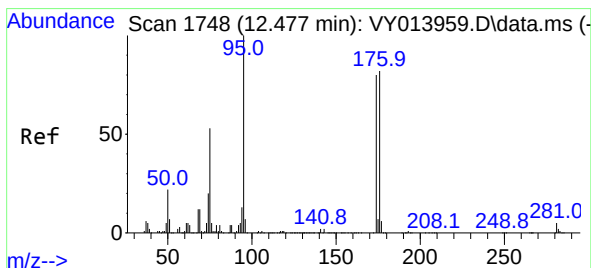
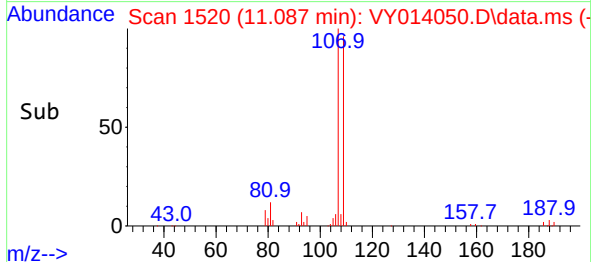
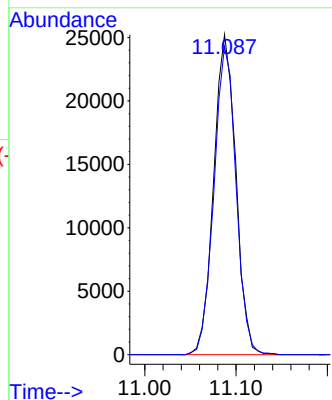
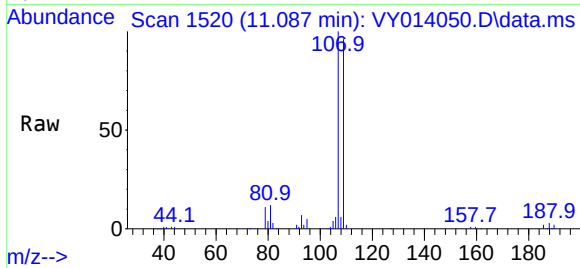




#61  
1,2-Dibromoethane  
Concen: 19.725 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

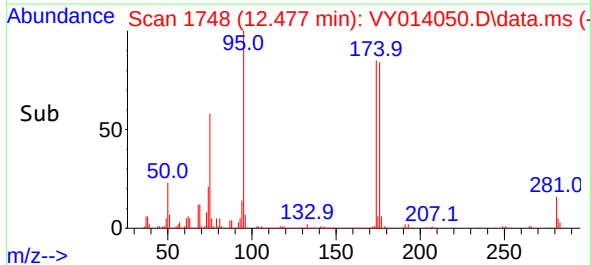
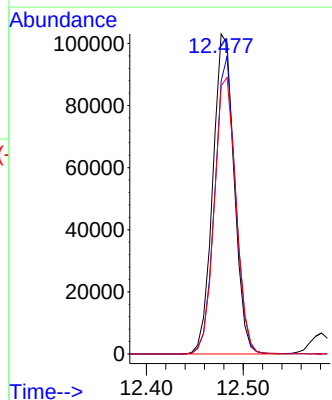
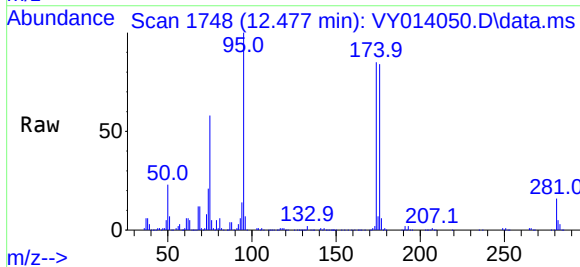
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

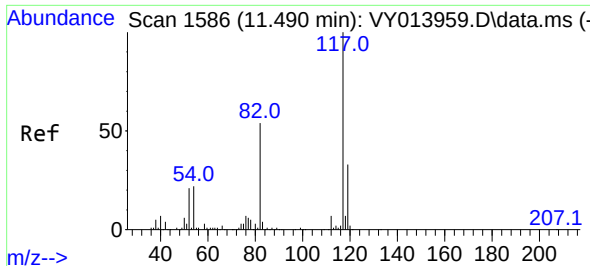
Tgt Ion:107 Resp: 42359  
Ion Ratio Lower Upper  
107 100  
109 96.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 54.258 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 95 Resp: 157543  
Ion Ratio Lower Upper  
95 100  
174 90.0 0.0 178.2  
176 87.9 0.0 173.8

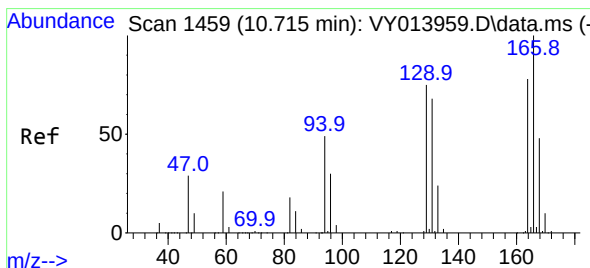
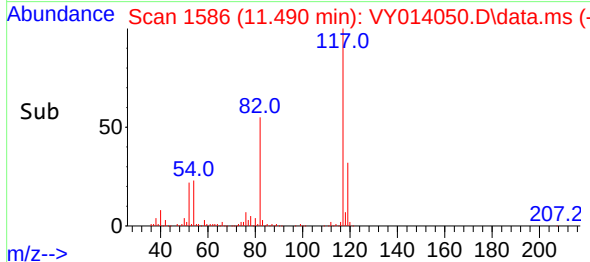
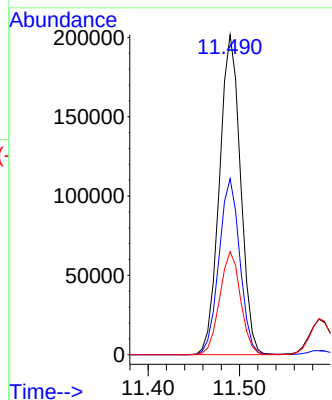
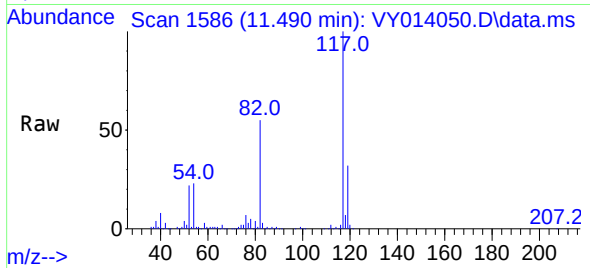




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

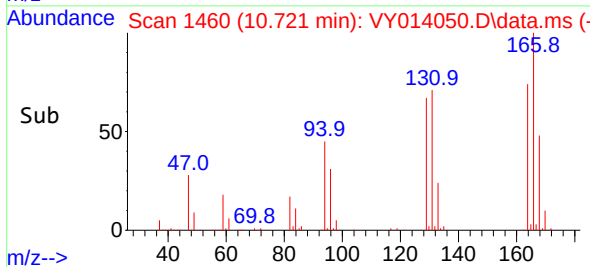
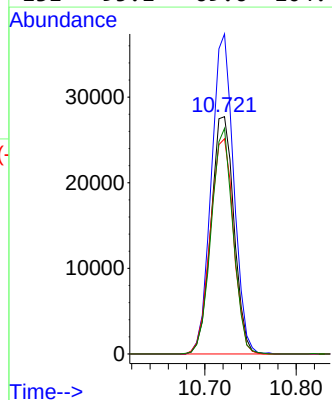
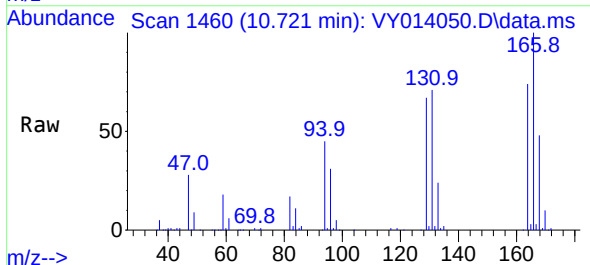
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

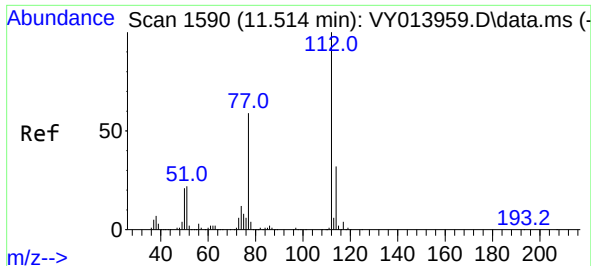
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:117 | Resp: | 323200 |       |
| Ion         | Ratio | Lower  | Upper |
| 117         | 100   |        |       |
| 82          | 55.0  | 43.4   | 65.0  |
| 119         | 32.2  | 26.3   | 39.5  |



#64  
Tetrachloroethene  
Concen: 21.916 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:164 | Resp: | 48525 |
| Ion | Ratio   | Lower | Upper |
| 164 | 100     |       |       |
| 166 | 134.9   | 103.0 | 154.6 |
| 129 | 90.7    | 77.2  | 115.8 |
| 131 | 95.1    | 69.6  | 104.4 |

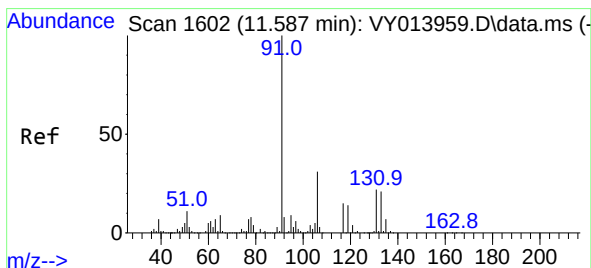
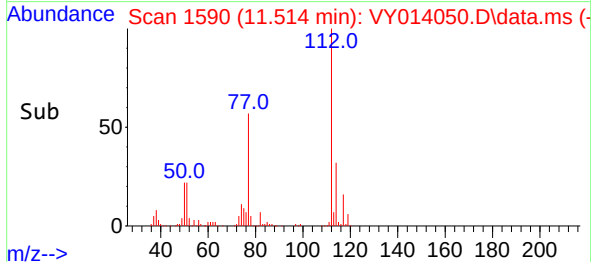
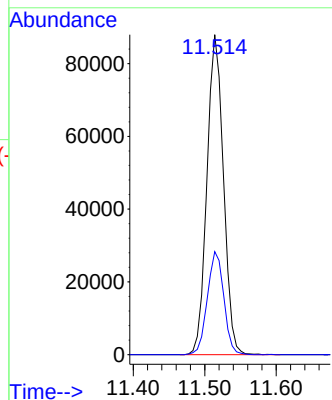
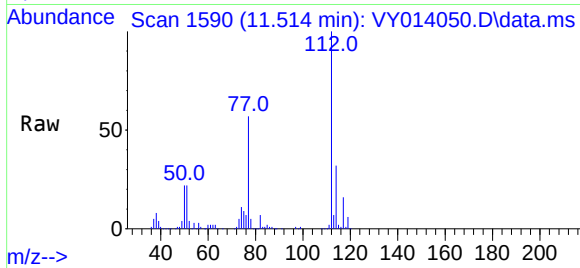




#65  
Chlorobenzene  
Concen: 21.295 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

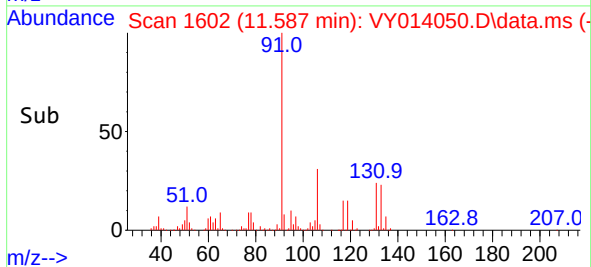
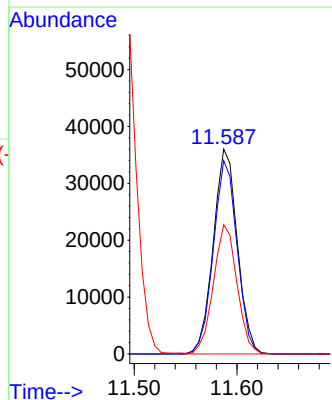
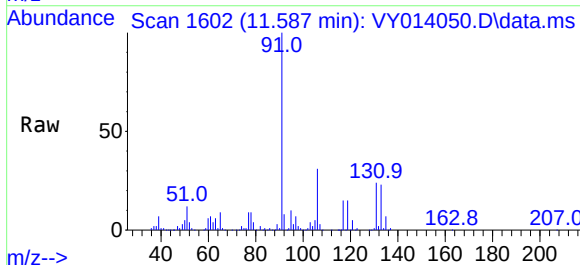
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

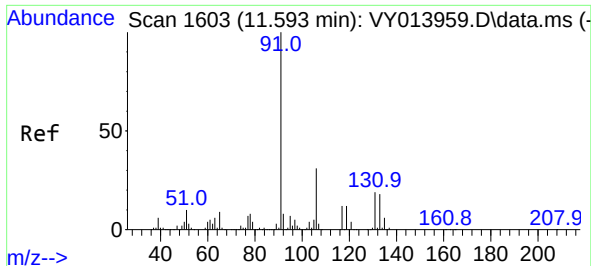
Tgt Ion:112 Resp: 141197  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.660 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:131 Resp: 58493  
Ion Ratio Lower Upper  
131 100  
133 93.2 47.5 142.6  
119 62.0 31.6 94.7

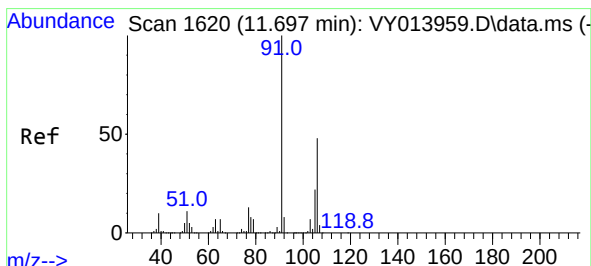
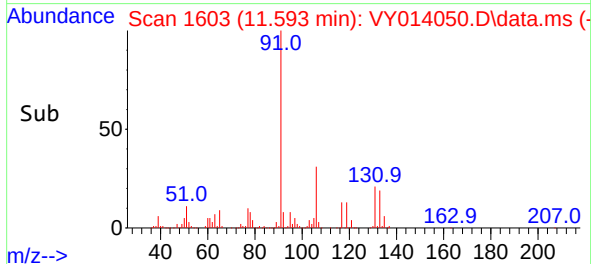
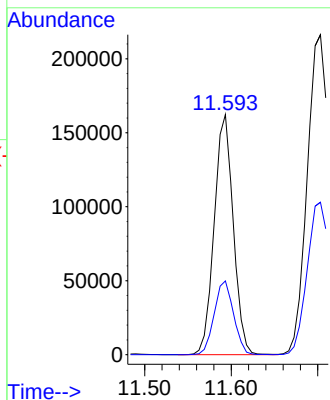
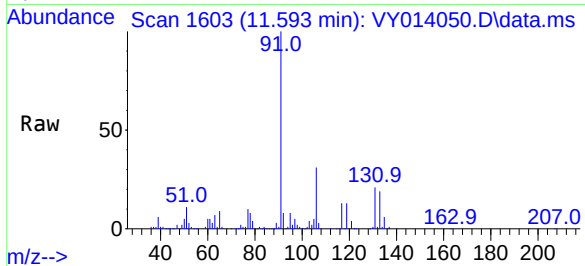




#67  
Ethyl Benzene  
Concen: 21.588 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

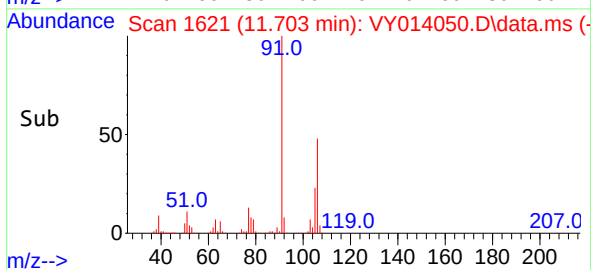
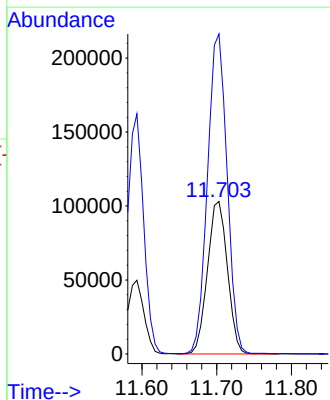
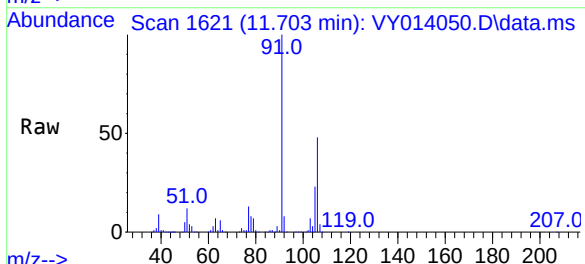
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

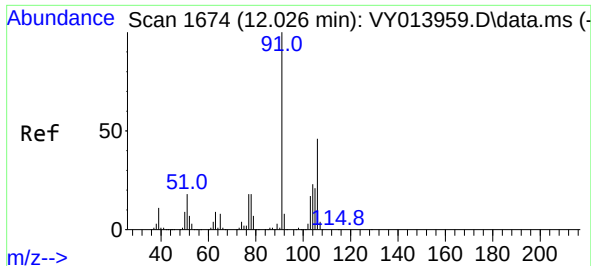
Tgt Ion: 91 Resp: 247771  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.6 36.8



#68  
m/p-Xylenes  
Concen: 43.564 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 106 Resp: 190990  
Ion Ratio Lower Upper  
106 100  
91 206.4 166.1 249.1

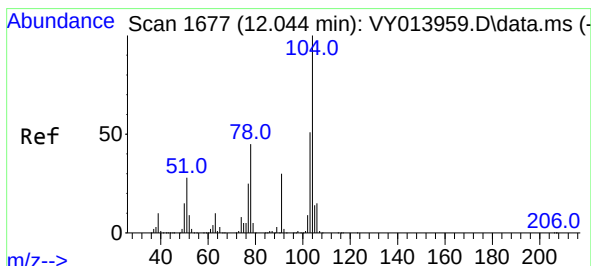
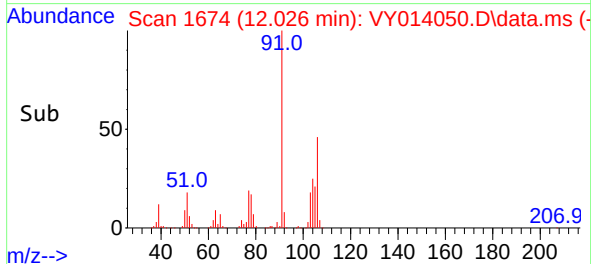
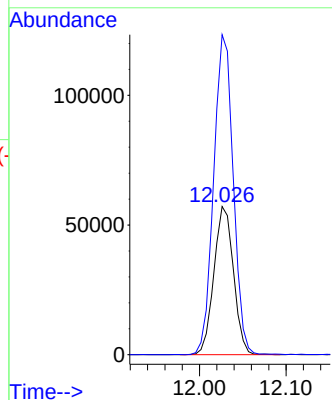
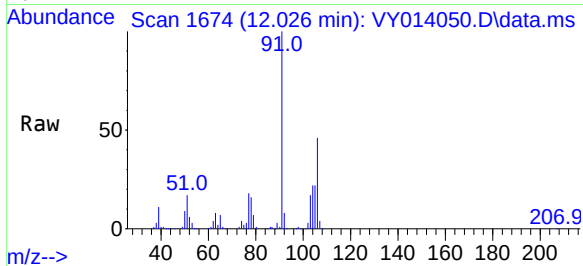




#69  
o-Xylene  
Concen: 21.371 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

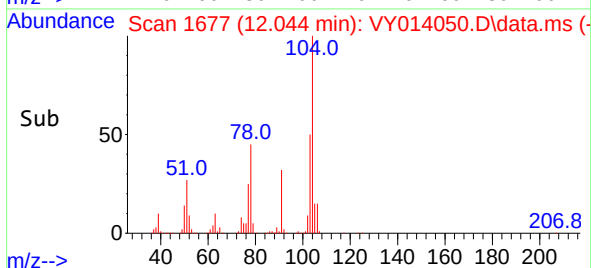
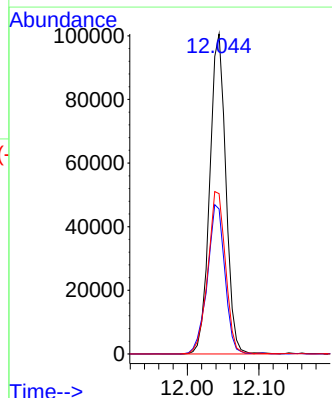
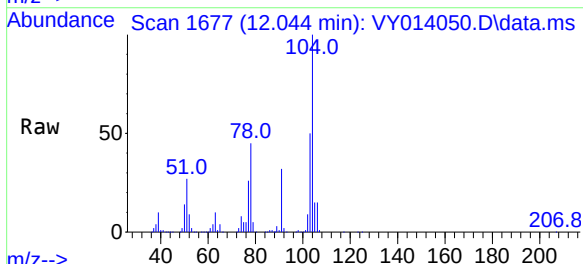
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

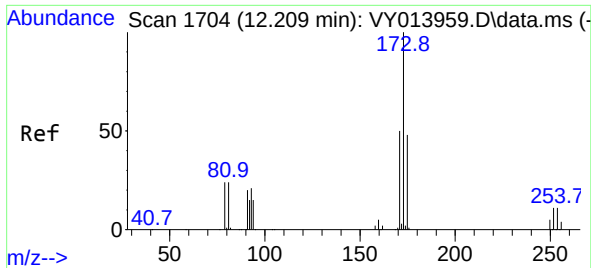
Tgt Ion:106 Resp: 89778  
Ion Ratio Lower Upper  
106 100  
91 216.0 108.1 324.3



#70  
Styrene  
Concen: 21.839 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:104 Resp: 157579  
Ion Ratio Lower Upper  
104 100  
78 50.5 41.5 62.3  
103 55.7 44.6 67.0

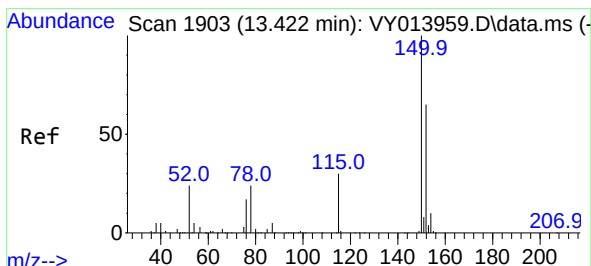
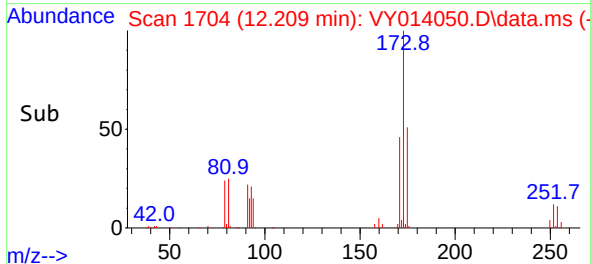
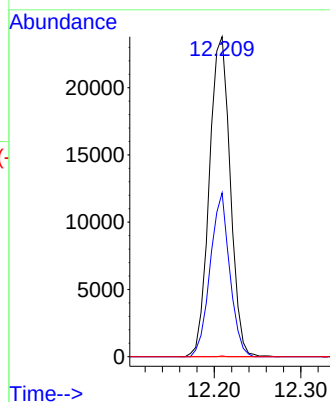
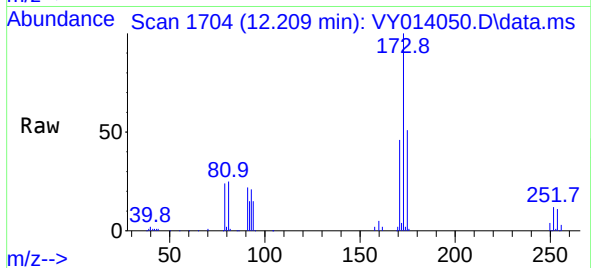




#71  
Bromoform  
Concen: 20.930 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

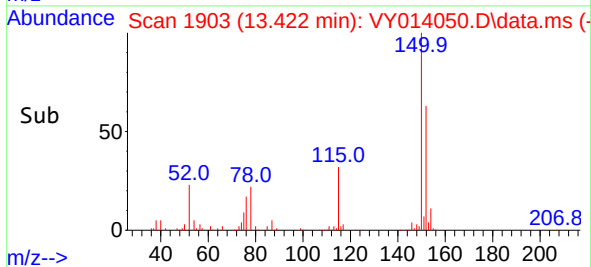
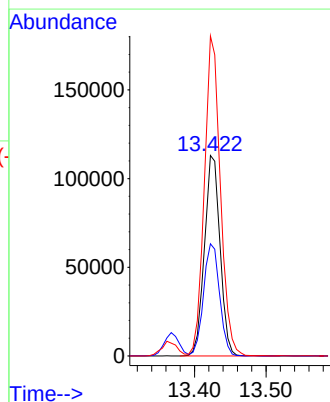
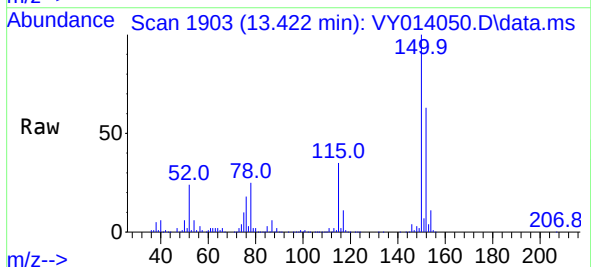
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

Tgt Ion:173 Resp: 39830  
Ion Ratio Lower Upper  
173 100  
175 47.7 24.6 73.8  
254 0.1 0.2 0.2#

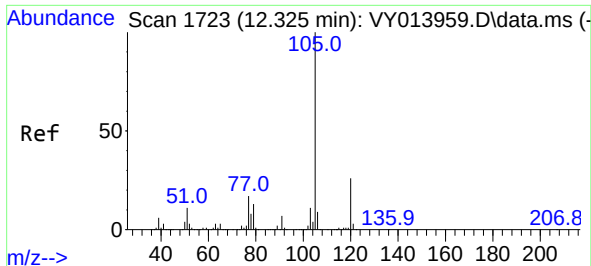


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:152 Resp: 171306  
Ion Ratio Lower Upper  
152 100  
115 57.6 28.8 86.5  
150 163.6 0.0 348.8



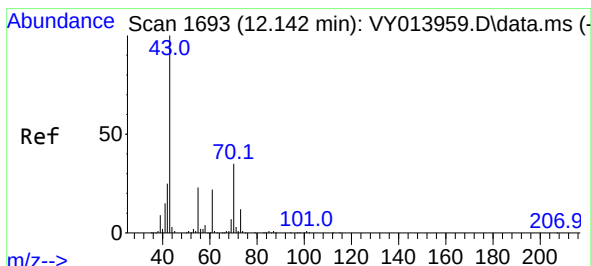
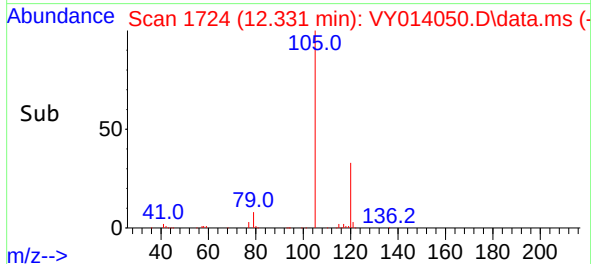
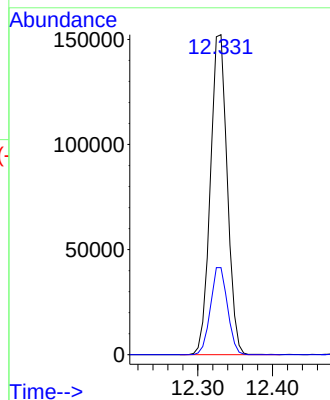
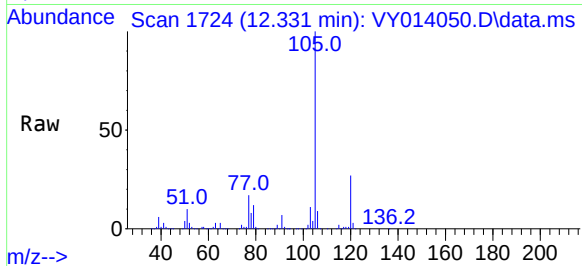




#73  
Isopropylbenzene  
Concen: 21.165 ug/l  
RT: 12.331 min Scan# 1723  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

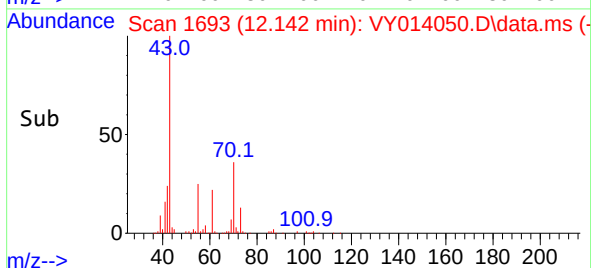
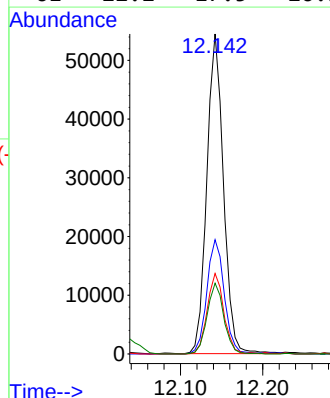
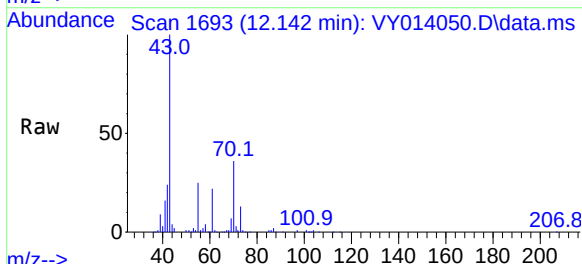
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

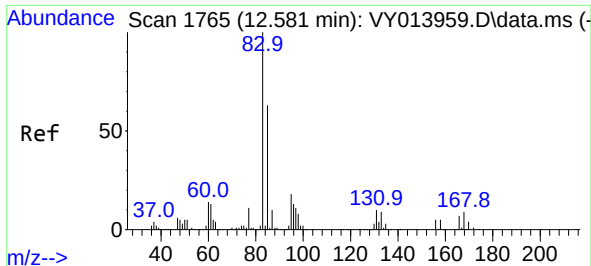
Tgt Ion:105 Resp: 239303  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.3 39.9



#74  
N-amy1 acetate  
Concen: 17.675 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 43 Resp: 76676  
Ion Ratio Lower Upper  
43 100  
70 37.5 29.7 44.5  
55 25.3 18.3 27.5  
61 22.2 17.5 26.3

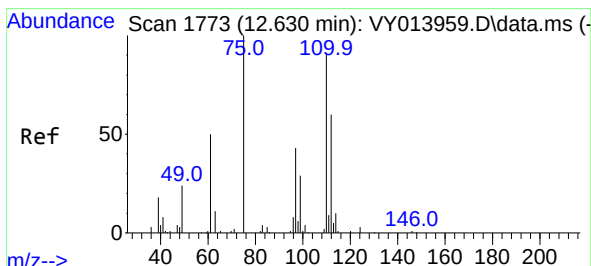
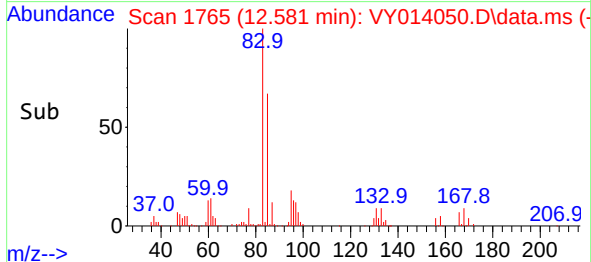
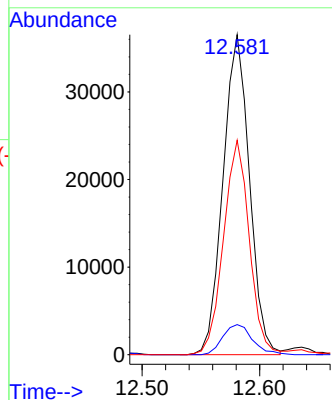
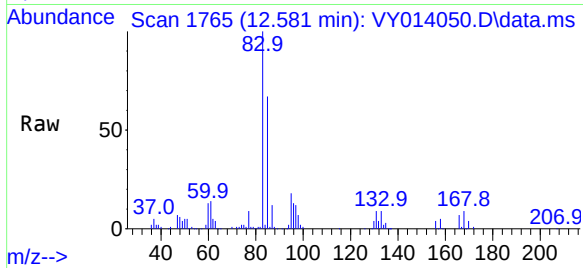




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.324 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

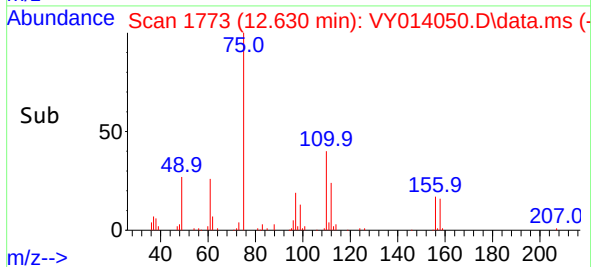
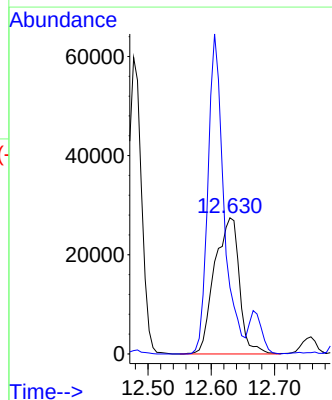
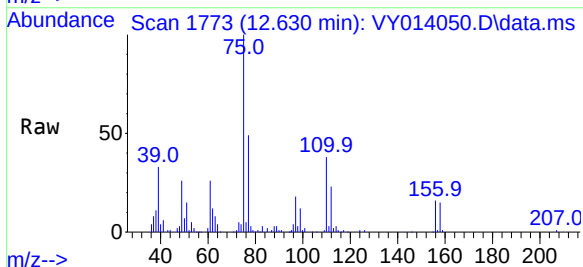
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

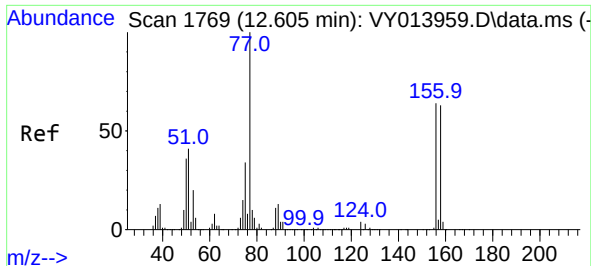
Tgt Ion: 83 Resp: 57105  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.4 16.2  
85 65.6 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 32.505 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 75 Resp: 74933  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

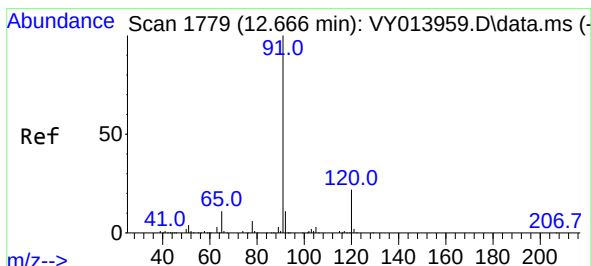
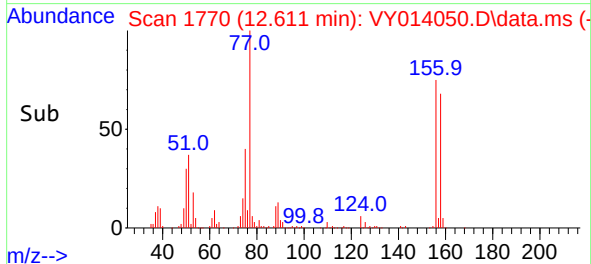
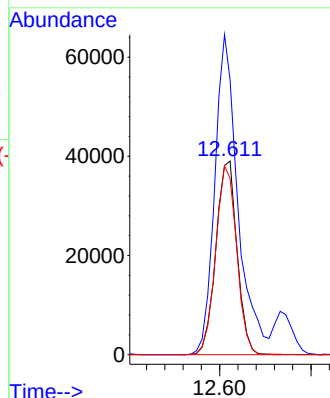
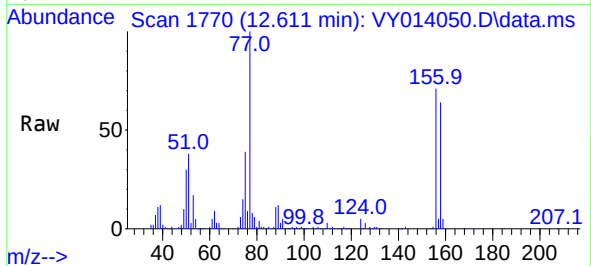




#77  
Bromobenzene  
Concen: 20.549 ug/l  
RT: 12.611 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

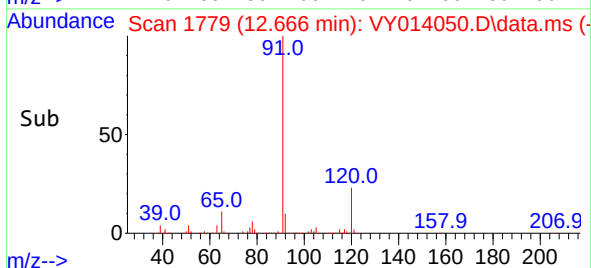
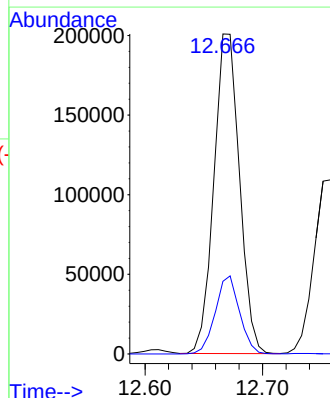
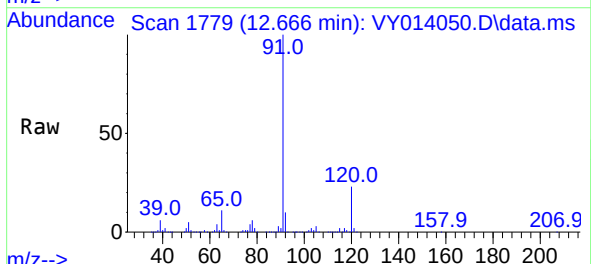
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

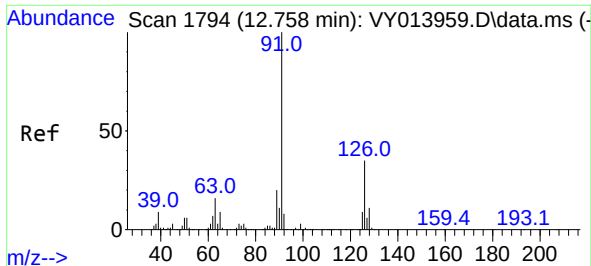
Tgt Ion:156 Resp: 62811  
Ion Ratio Lower Upper  
156 100  
77 180.8 92.8 278.6  
158 96.7 48.4 145.3



#78  
n-propylbenzene  
Concen: 21.931 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 91 Resp: 303908  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.5 34.4

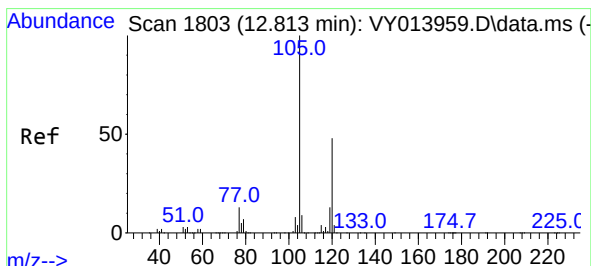
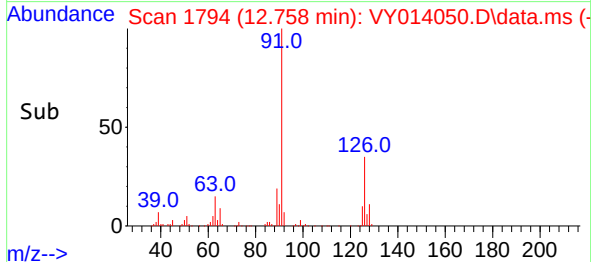
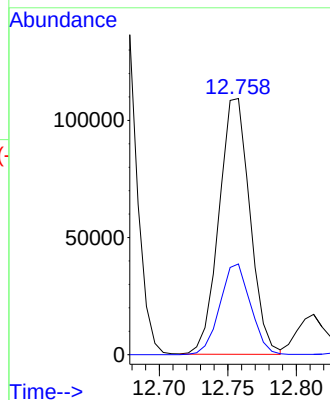
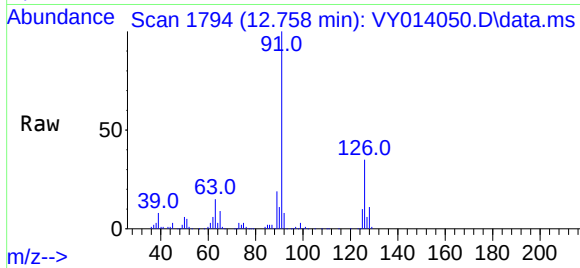




#79  
2-Chlorotoluene  
Concen: 20.990 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

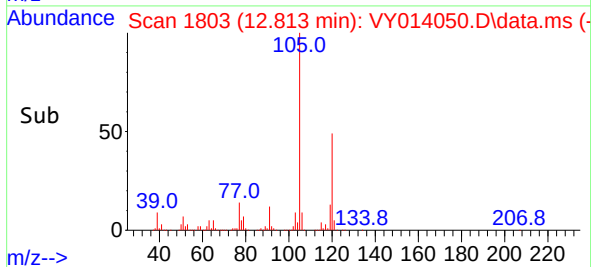
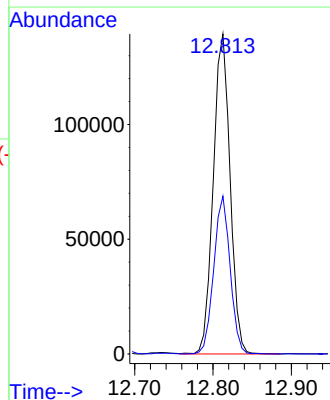
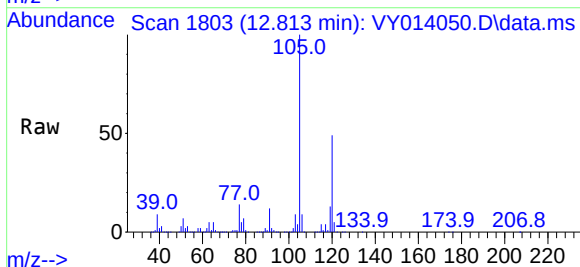
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

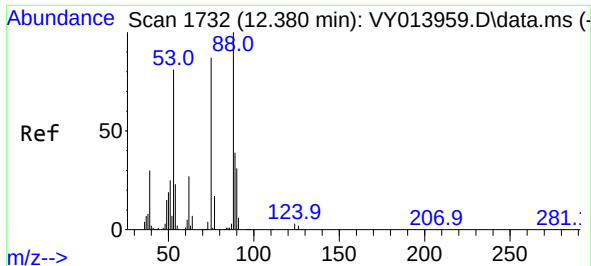
Tgt Ion: 91 Resp: 172195  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 21.438 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 105 Resp: 207753  
Ion Ratio Lower Upper  
105 100  
120 48.0 23.9 71.7

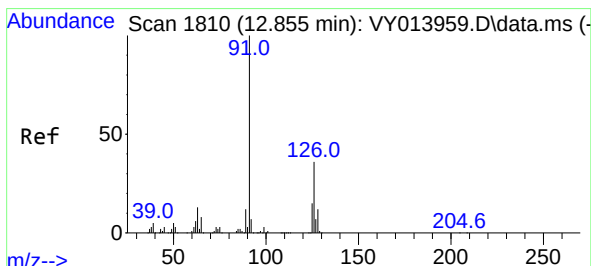
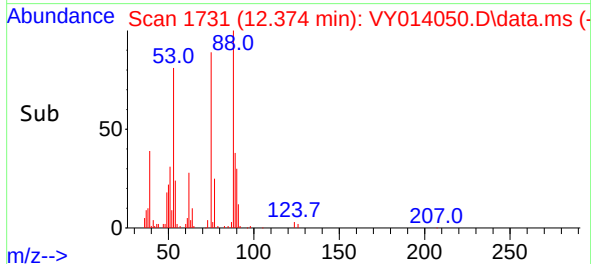
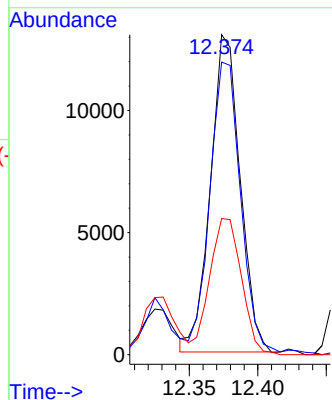
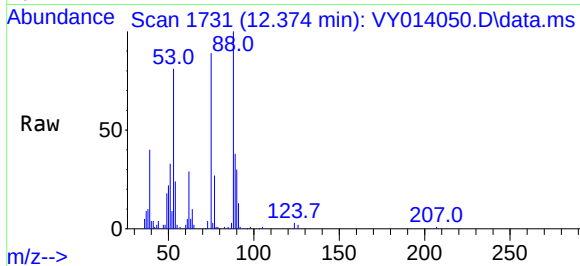




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.003 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. -0.006 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

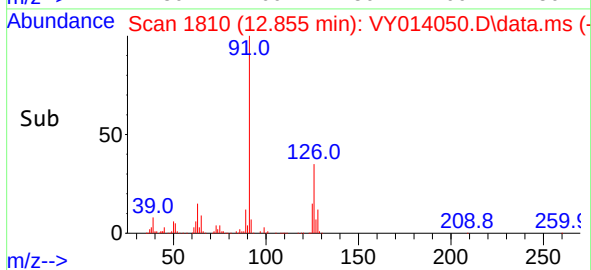
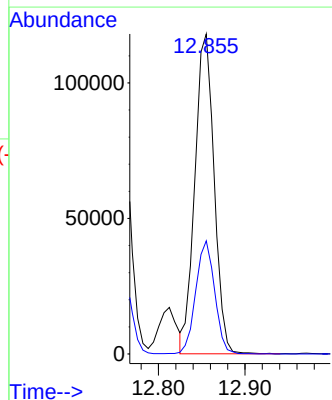
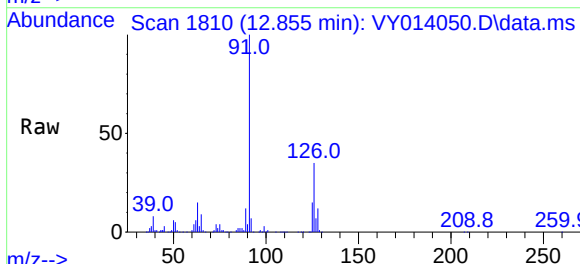
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

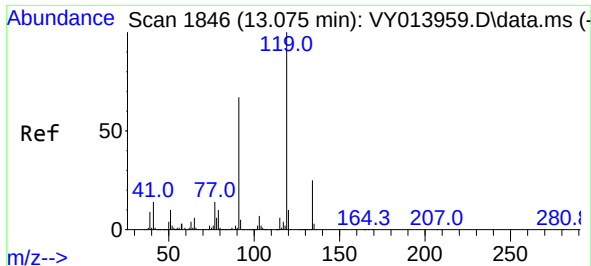
Tgt Ion: 75 Resp: 19562  
Ion Ratio Lower Upper  
75 100  
53 96.7 77.8 116.8  
89 46.2 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 21.131 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 91 Resp: 182320  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.2 51.6

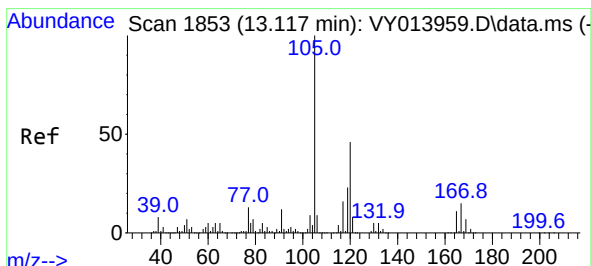
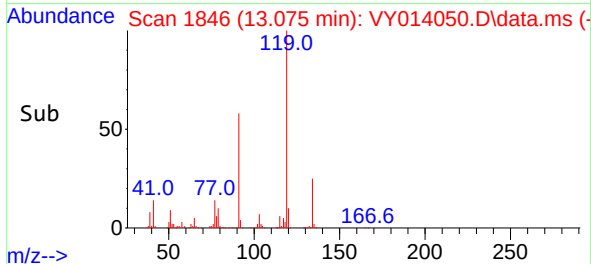
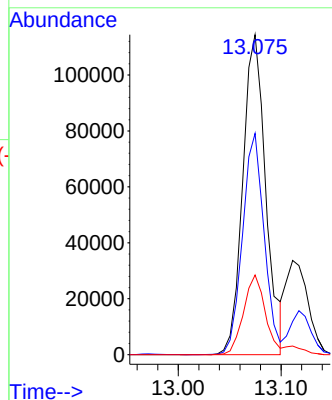
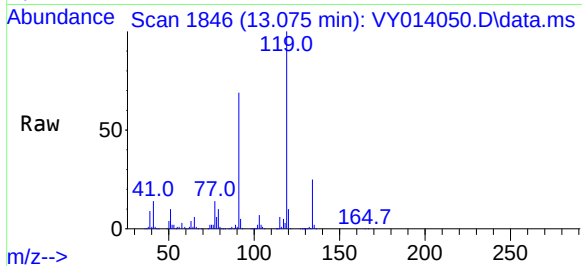




#83  
tert-Butylbenzene  
Concen: 21.944 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

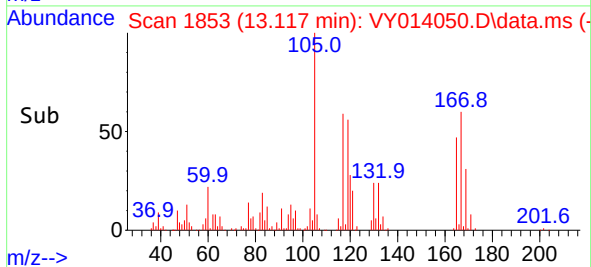
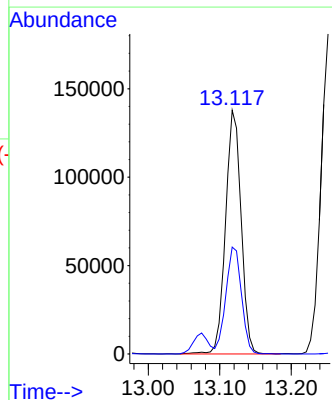
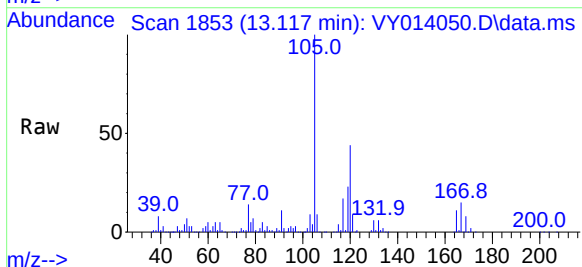
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

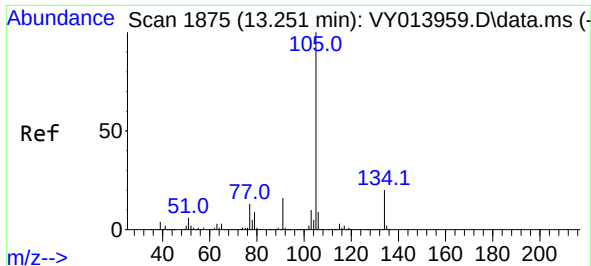
Tgt Ion:119 Resp: 178083  
Ion Ratio Lower Upper  
119 100  
91 65.4 32.9 98.6  
134 25.7 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.555 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:105 Resp: 208635  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.2 66.6

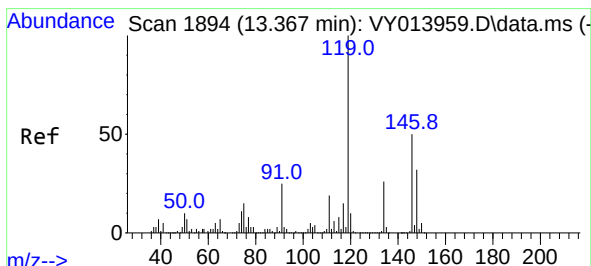
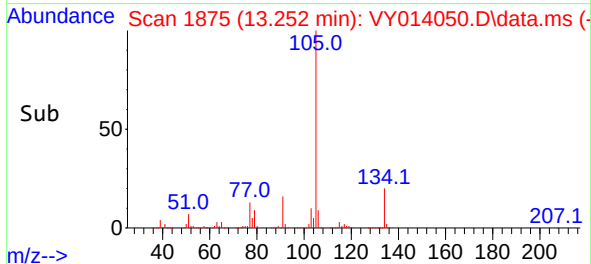
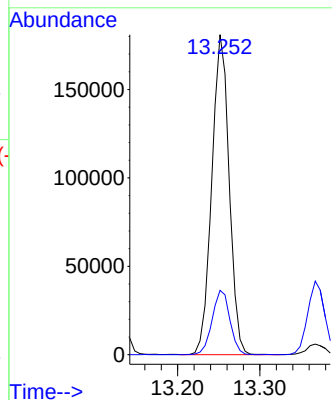
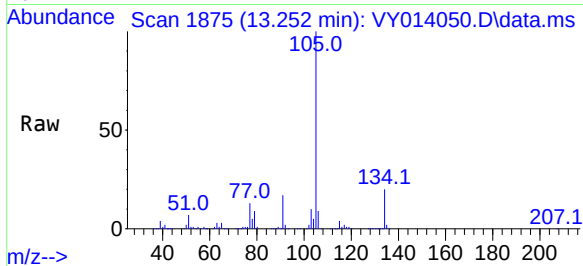




#85  
 sec-Butylbenzene  
 Concen: 22.471 ug/l  
 RT: 13.252 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY014050.D  
 Acq: 07 Jun 2023 11:24

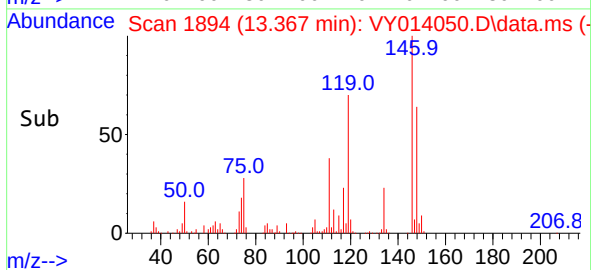
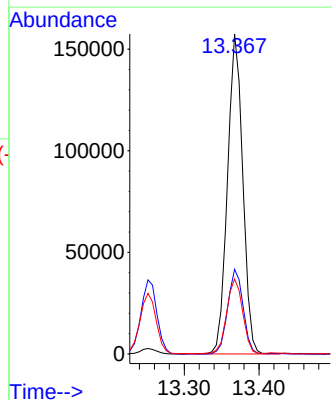
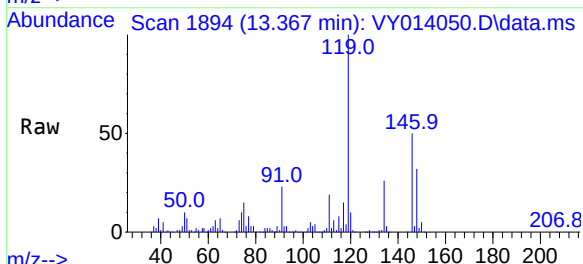
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0607SBS01

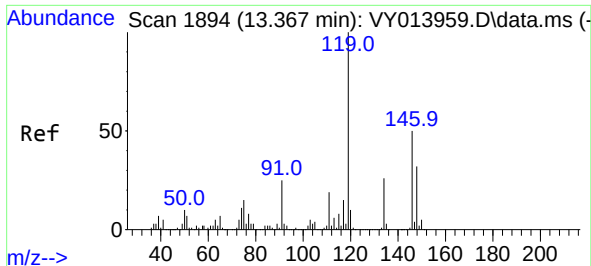
Tgt Ion:105 Resp: 265178  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 22.533 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY014050.D  
 Acq: 07 Jun 2023 11:24

Tgt Ion:119 Resp: 224455  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.8  
 91 24.3 12.4 37.4

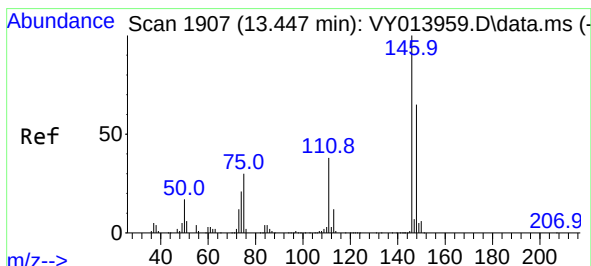
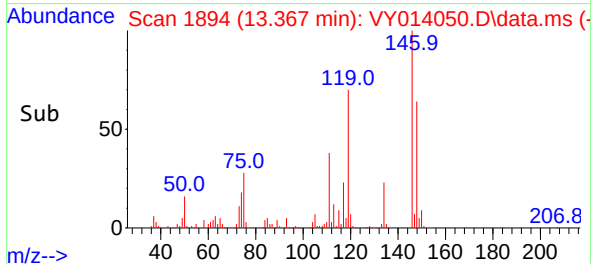
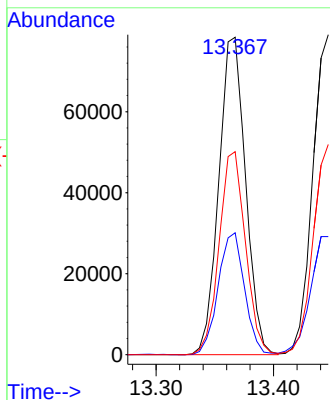
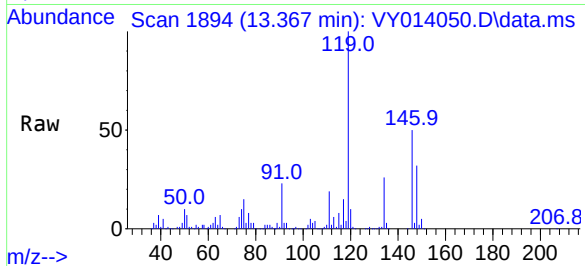




#87  
1,3-Dichlorobenzene  
Concen: 21.387 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

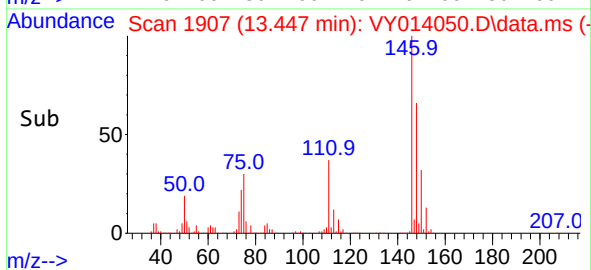
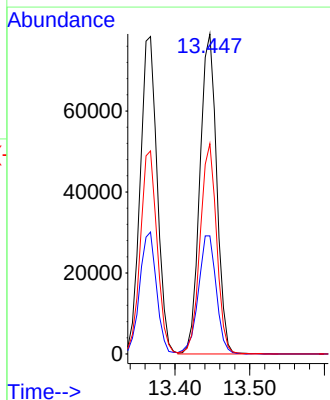
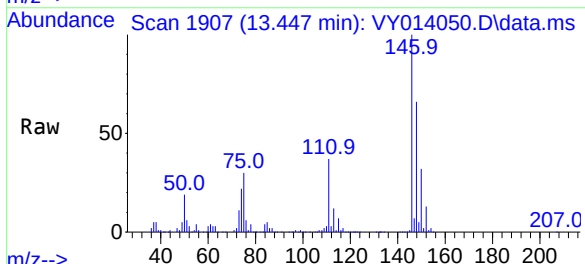
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

Tgt Ion:146 Resp: 124143  
Ion Ratio Lower Upper  
146 100  
111 37.9 19.4 58.2  
148 63.1 31.9 95.5

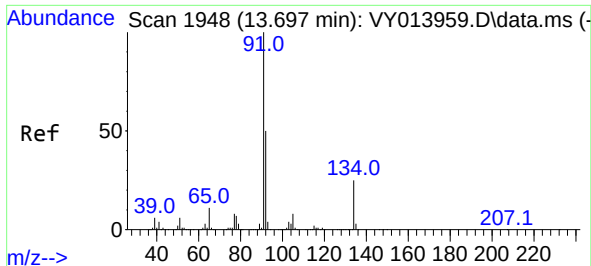


#88  
1,4-Dichlorobenzene  
Concen: 20.997 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:146 Resp: 123293  
Ion Ratio Lower Upper  
146 100  
111 39.4 18.9 56.7  
148 64.4 32.1 96.5



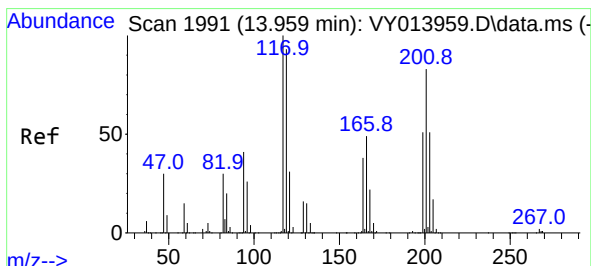
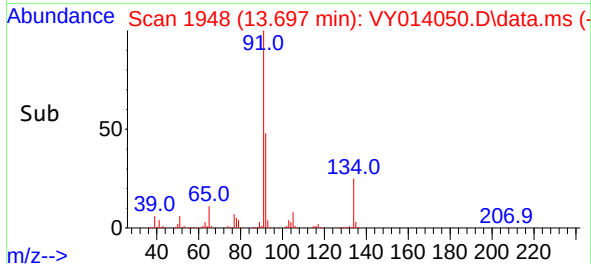
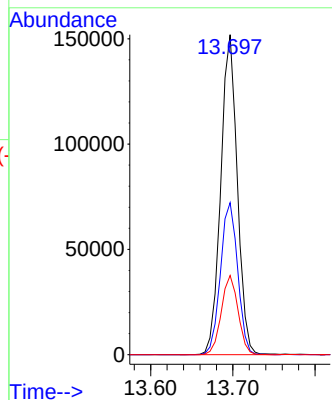
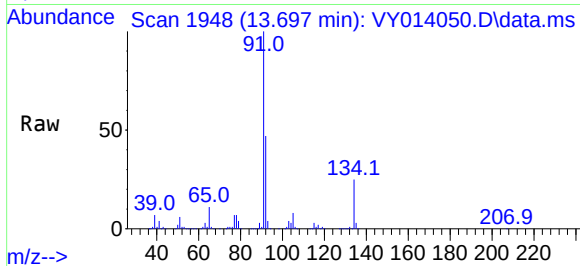




#89  
n-Butylbenzene  
Concen: 22.613 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

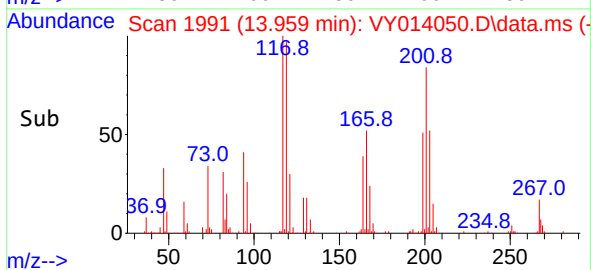
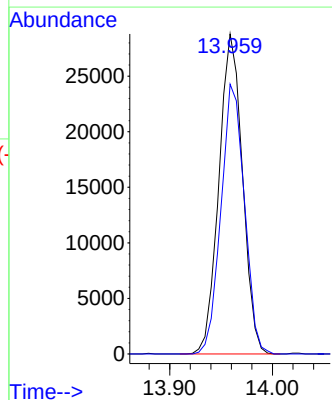
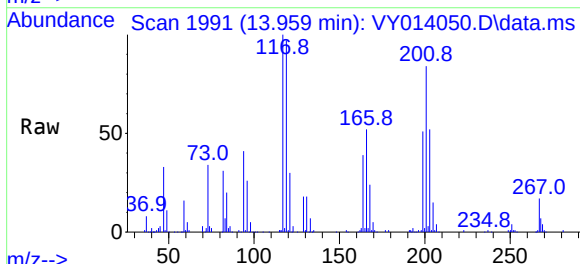
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

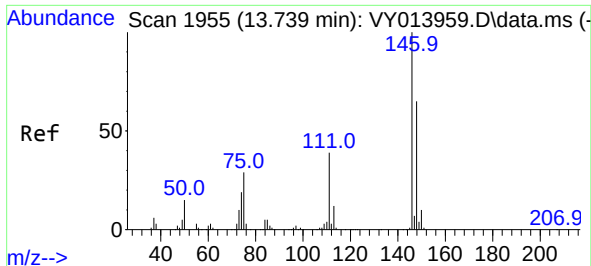
Tgt Ion: 91 Resp: 212538  
Ion Ratio Lower Upper  
91 100  
92 49.3 25.4 76.0  
134 25.0 12.6 37.6



#90  
Hexachloroethane  
Concen: 21.893 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion: 117 Resp: 45770  
Ion Ratio Lower Upper  
117 100  
201 83.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.905 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

Instrument :

MSVOA\_Y

ClientSampleId :

VY0607SBS01

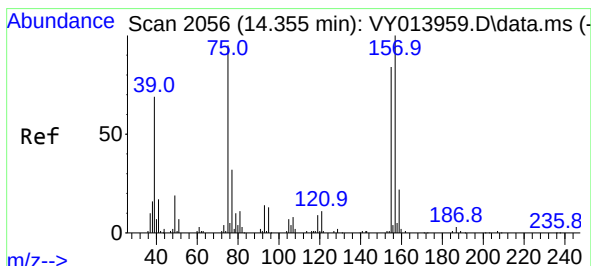
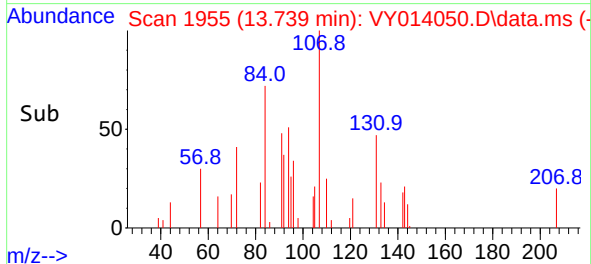
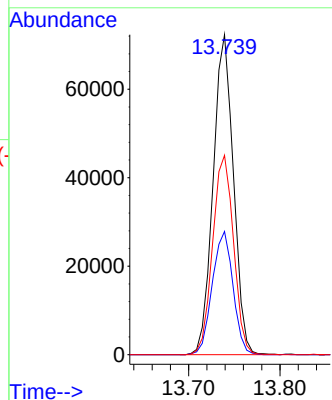
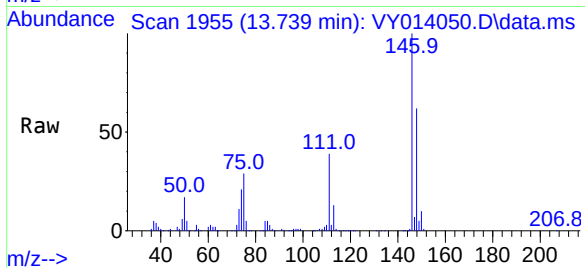
Tgt Ion:146 Resp: 111789

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.455 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014050.D

Acq: 07 Jun 2023 11:24

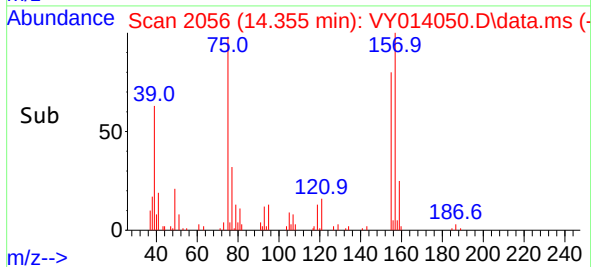
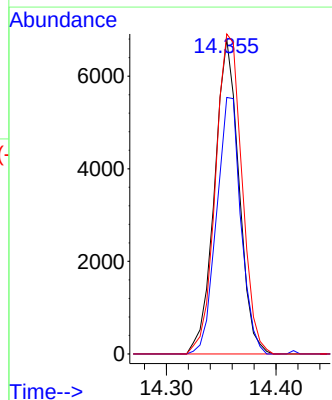
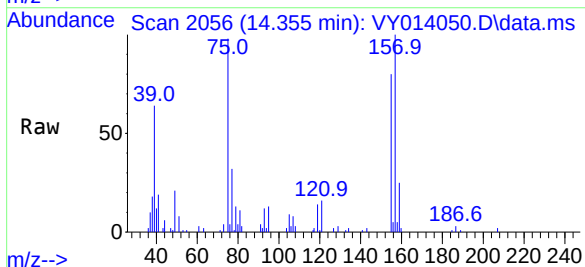
Tgt Ion: 75 Resp: 10519

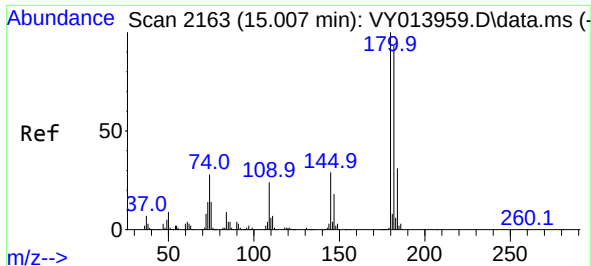
Ion Ratio Lower Upper

75 100

155 81.2 41.5 124.6

157 110.0 51.8 155.5

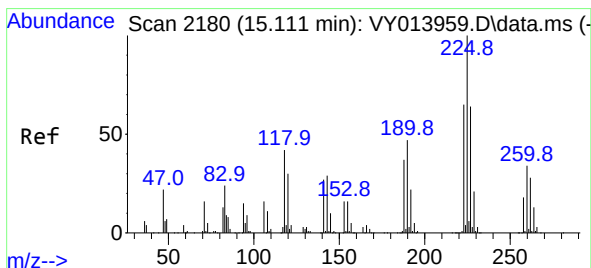
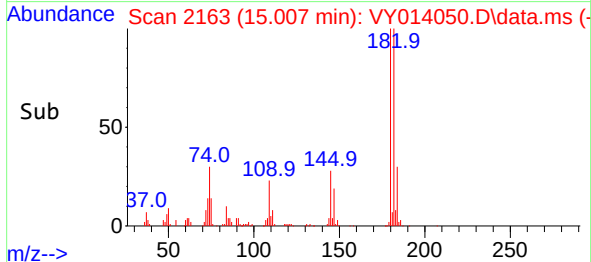
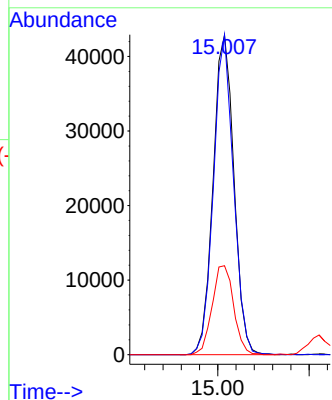
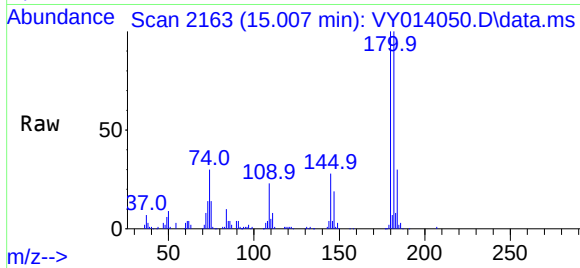




#93  
1,2,4-Trichlorobenzene  
Concen: 20.634 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

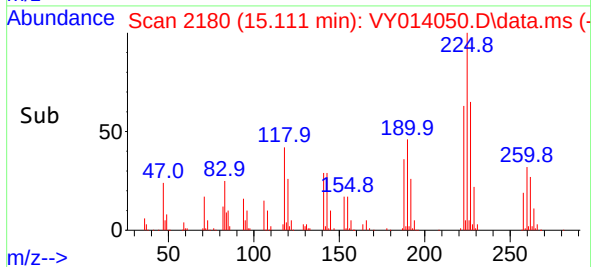
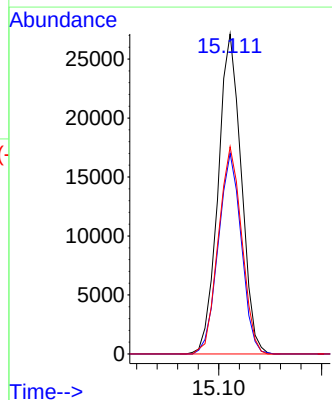
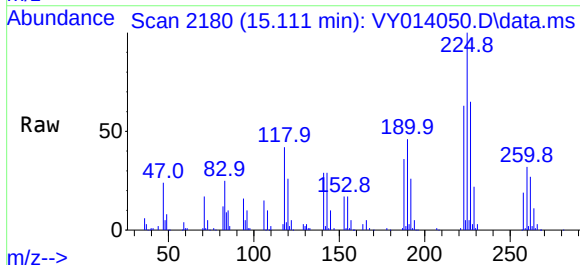
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

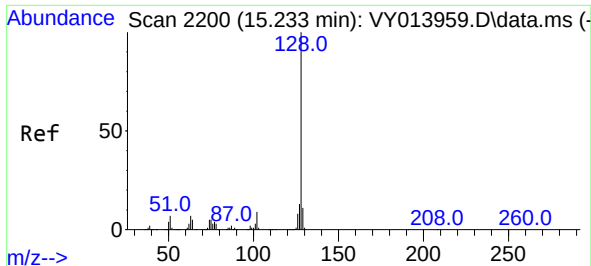
Tgt Ion:180 Resp: 67831  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.0 141.2  
145 28.8 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 24.206 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:225 Resp: 42385  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.9 95.9  
227 65.4 33.0 98.9

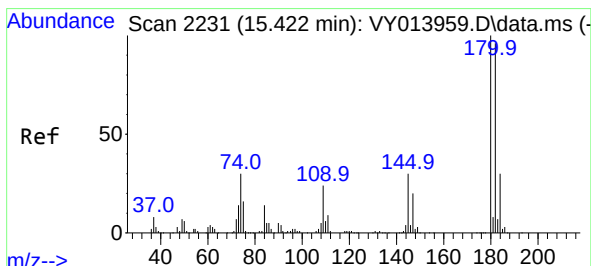
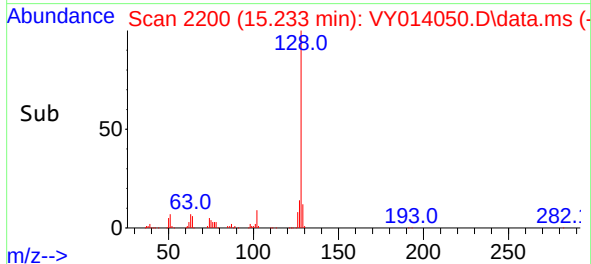
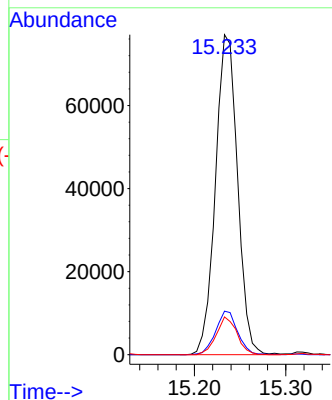
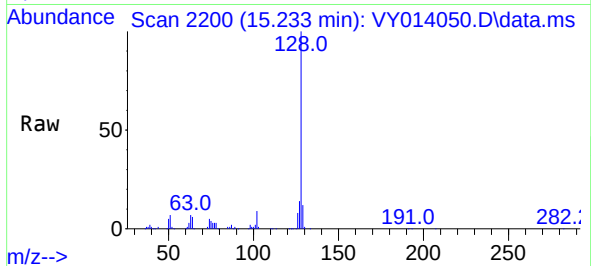




#95  
Naphthalene  
Concen: 18.818 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBS01

Tgt Ion:128 Resp: 129489  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.8 16.2  
129 11.1 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 20.310 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY014050.D  
Acq: 07 Jun 2023 11:24

Tgt Ion:180 Resp: 60811  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.3 141.8  
145 30.7 15.4 46.2

