

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070122\  
 Data File : VY009426.D  
 Acq On : 01 Jul 2022 16:42  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 05 02:47:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 120439   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 189222   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.483 | 117   | 182811   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 106892   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.130  | 65    | 46377    | 48.076   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 96.160%  |
| 35) Dibromofluoromethane     | 7.710  | 113   | 50428    | 48.422   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 96.840%  |
| 50) Toluene-d8               | 10.173 | 98    | 159327   | 49.898   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 99.800%  |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 82233    | 54.302   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 108.600% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 44228    | 44.605   | ug/l   | 99       |
| 3) Chloromethane             | 2.107  | 50    | 46031    | 42.666   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.241  | 62    | 62661    | 50.207   | ug/l   | 99       |
| 5) Bromomethane              | 2.631  | 94    | 41339    | 51.619   | ug/l   | 95       |
| 6) Chloroethane              | 2.778  | 64    | 38955    | 58.540   | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 3.107  | 101   | 91936    | 55.523   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.521  | 74    | 30865    | 47.708   | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 3.887  | 101   | 56828    | 47.879   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.076  | 142   | 65972    | 50.637   | ug/l   | 92       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 38286    | 246.061  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 3.857  | 96    | 49697    | 45.903   | ug/l   | 87       |
| 13) Acrolein                 | 3.723  | 56    | 16583    | 205.968  | ug/l   | 100      |
| 14) Allyl chloride           | 4.460  | 41    | 87969    | 44.343   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.149  | 53    | 88925    | 242.634  | ug/l   | 99       |
| 16) Acetone                  | 3.936  | 43    | 79088    | 249.635  | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.174  | 76    | 121907   | 40.479   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.466  | 43    | 40581    | 49.480   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.210  | 73    | 165802   | 51.064   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.698  | 84    | 62147    | 41.824   | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 5.204  | 96    | 59300    | 45.749   | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.106  | 45    | 228129   | 54.490   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.045  | 43    | 737578   | 281.235  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.003  | 63    | 113462   | 48.203   | ug/l   | 100      |
| 25) 2-Butanone               | 6.978  | 43    | 134727   | 268.235  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.972  | 77    | 110241   | 49.484   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 6.972  | 96    | 74385    | 49.397   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.326  | 49    | 54020    | 53.447   | ug/l # | 92       |
| 29) Tetrahydrofuran          | 7.338  | 42    | 88948    | 276.221  | ug/l   | 97       |
| 30) Chloroform               | 7.496  | 83    | 124682   | 51.538   | ug/l   | 99       |
| 31) Cyclohexane              | 7.777  | 56    | 98331    | 45.319   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.691  | 97    | 108675   | 50.163   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 90337    | 49.610   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.063  | 43    | 56983    | 52.768   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 7.886  | 117   | 100749   | 52.934   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.179  | 83    | 105248   | 48.836   | ug/l   | 92       |
| 40) Benzene                  | 8.155  | 78    | 270559   | 50.808   | ug/l   | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 05 02:47:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 27474    | 45.034   | ug/l # | 52       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 82538    | 54.033   | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 112385   | 56.685   | ug/l   | 95       |
| 44) Trichloroethene           | 8.935  | 130  | 74989    | 50.682   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 71156    | 52.752   | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 41574    | 53.800   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.490  | 83   | 98101    | 53.607   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 49186    | 57.548   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 11909    | 1105.575 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 308751   | 302.036  | ug/l   | 96       |
| 52) Toluene                   | 10.240 | 92   | 181883   | 54.136   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 105880   | 57.839   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 116375   | 53.244   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 60476    | 58.823   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 82653    | 62.983   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 99854    | 54.826   | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 207300   | 285.308  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.825 | 43   | 221571   | 313.775  | ug/l   | 94       |
| 60) Dibromochloromethane      | 10.977 | 129  | 74700    | 57.413   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 55835    | 54.094   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.715 | 164  | 88148    | 51.793   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 200067   | 51.147   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 77206    | 53.809   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.587 | 91   | 365412   | 53.850   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.697 | 106  | 291321   | 107.365  | ug/l   | 93       |
| 69) o-Xylene                  | 12.026 | 106  | 140380   | 54.822   | ug/l   | 90       |
| 70) Styrene                   | 12.038 | 104  | 244106   | 57.537   | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 51875    | 57.539   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 373450   | 47.301   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 112609   | 54.374   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 73940    | 48.346   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 104203   | 83.243   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 88529    | 47.037   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.666 | 91   | 472168   | 49.163   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 262871   | 48.490   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 323065   | 48.931   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 29214    | 51.961   | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 272844   | 48.431   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.068 | 119  | 286686   | 51.681   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 324176   | 51.668   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 435832   | 52.164   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 361483   | 51.450   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 184221   | 49.544   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 185129   | 48.385   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.690 | 91   | 344411   | 52.172   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.959 | 117  | 68270    | 49.010   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 169016   | 50.117   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 12531    | 48.888   | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 97970    | 48.939   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.105 | 225  | 54535    | 48.527   | ug/l   | 97       |
| 95) Naphthalene               | 15.233 | 128  | 204032   | 50.905   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 79878    | 45.928   | ug/l   | 100      |

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Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 18 Sample Multiplier: 1

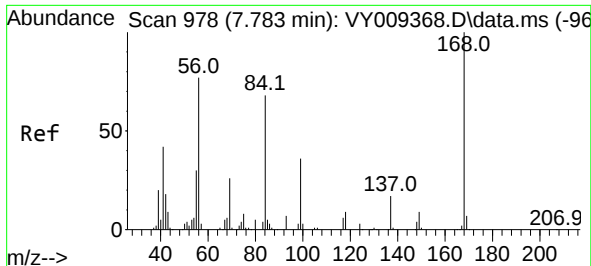
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jul 05 02:47:08 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 17:35:34 2022  
Response via : Initial Calibration

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

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

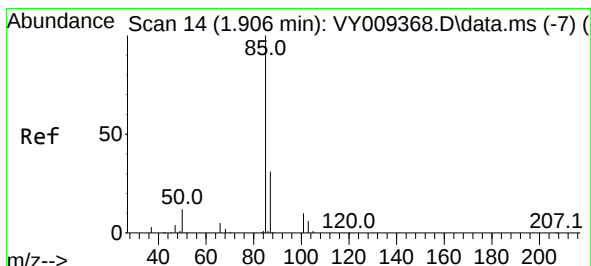
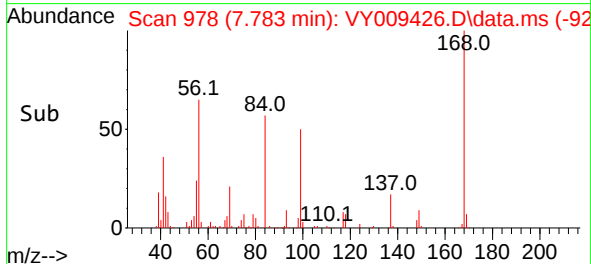
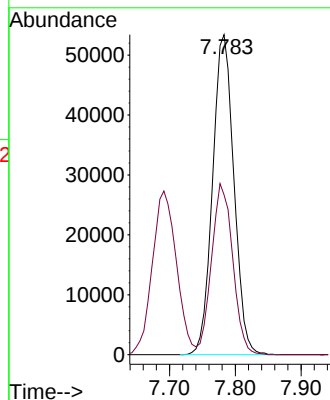
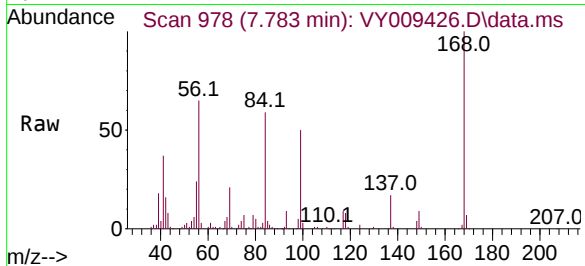




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

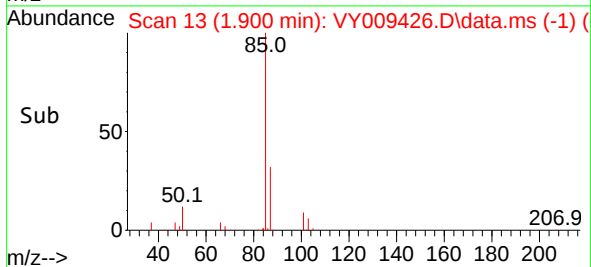
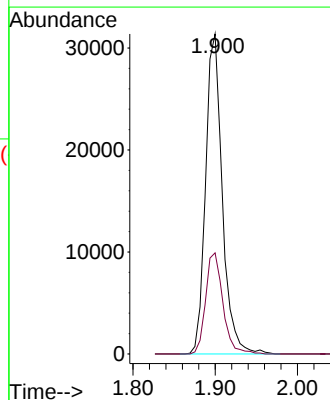
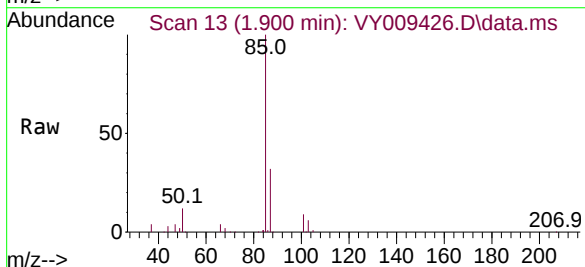
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

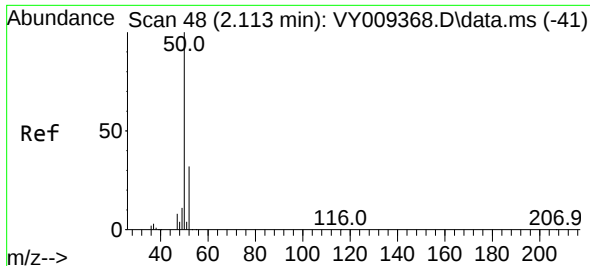
Tgt Ion:168 Resp: 120439  
Ion Ratio Lower Upper  
168 100  
99 49.9 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 44.605 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 85 Resp: 44228  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.1 48.2

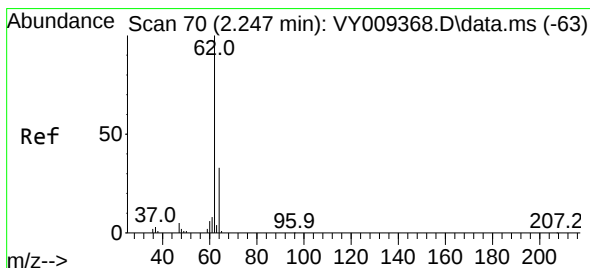
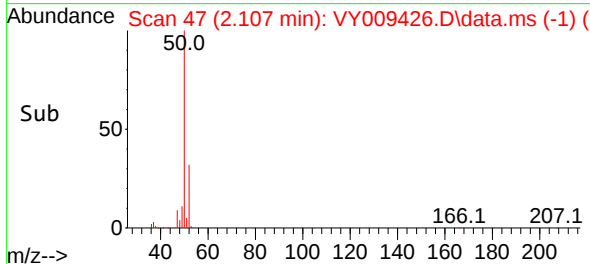
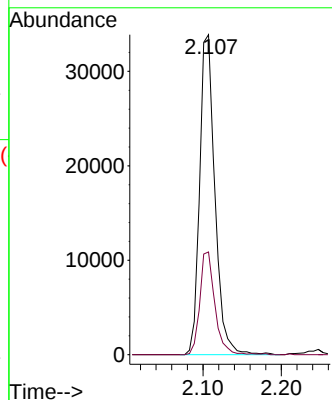
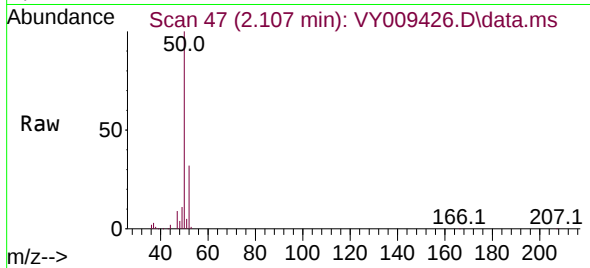




#3  
Chloromethane  
Concen: 42.666 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

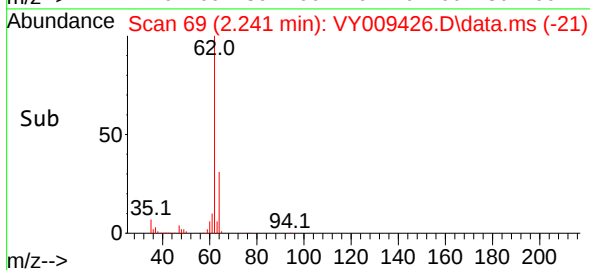
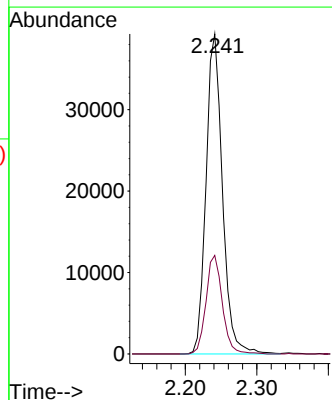
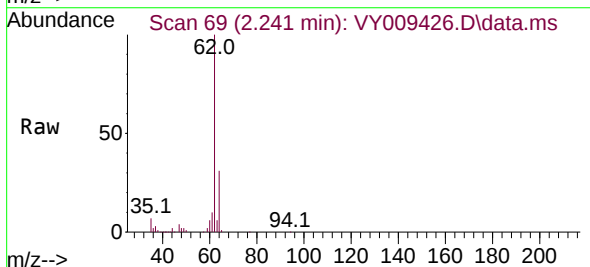
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

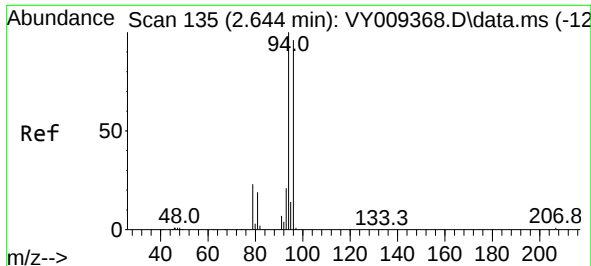
Tgt Ion: 50 Resp: 46031  
Ion Ratio Lower Upper  
50 100  
52 32.1 24.6 37.0



#4  
Vinyl Chloride  
Concen: 50.207 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 62 Resp: 62661  
Ion Ratio Lower Upper  
62 100  
64 30.8 25.0 37.6

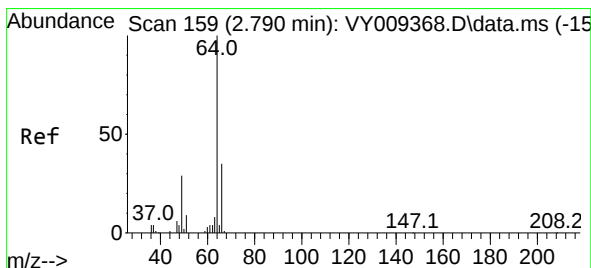
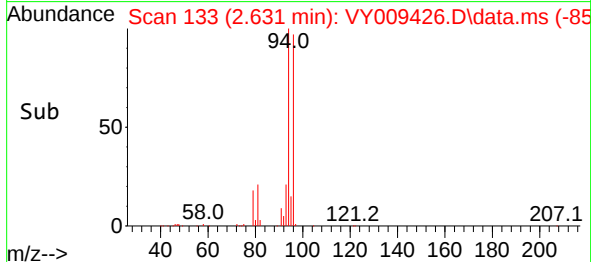
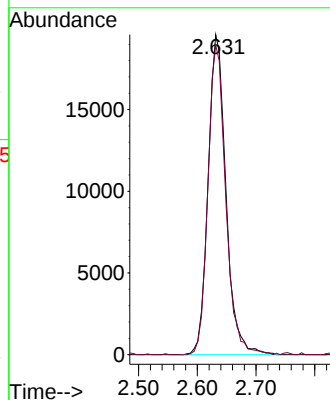
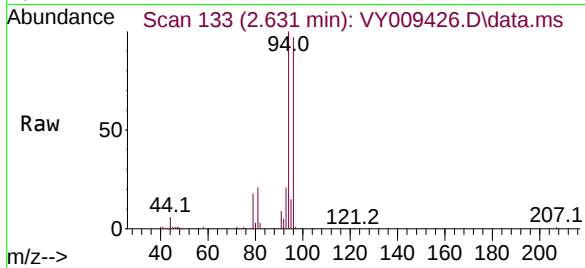




#5  
Bromomethane  
Concen: 51.619 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

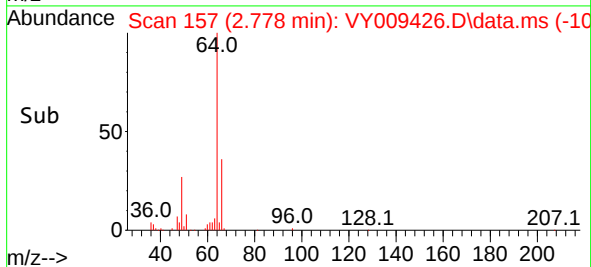
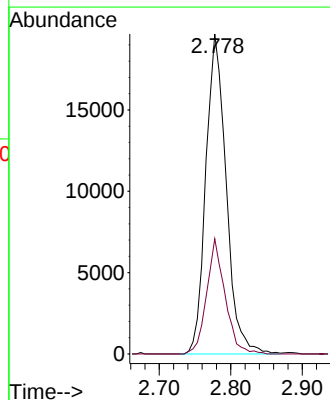
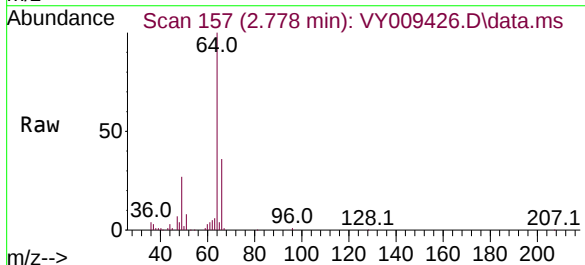
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

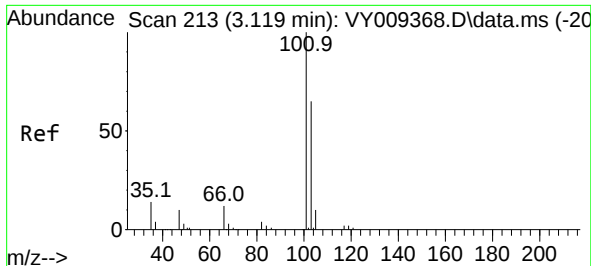
Tgt Ion: 94 Resp: 41339  
Ion Ratio Lower Upper  
94 100  
96 96.7 73.5 110.3



#6  
Chloroethane  
Concen: 58.540 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 64 Resp: 38955  
Ion Ratio Lower Upper  
64 100  
66 36.0 25.4 38.0

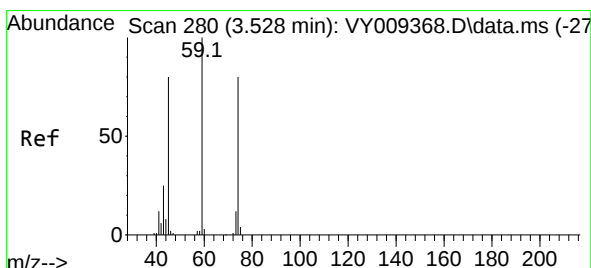
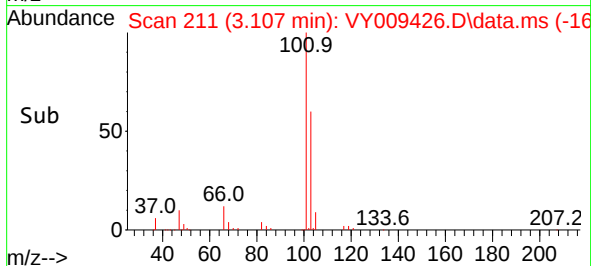
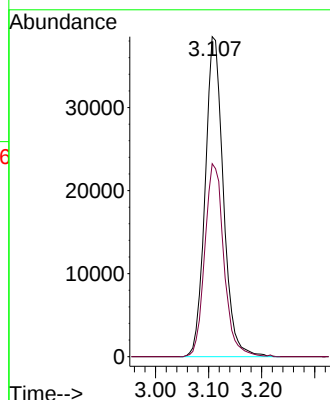
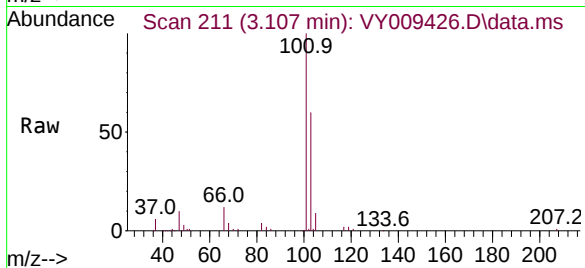




#7  
Trichlorofluoromethane  
Concen: 55.523 ug/l  
RT: 3.107 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

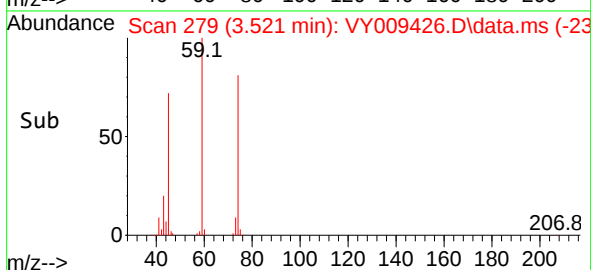
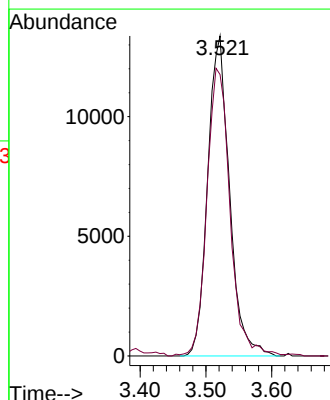
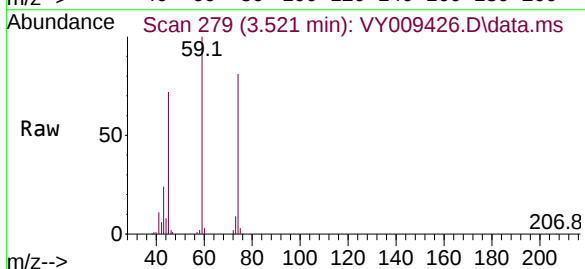
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

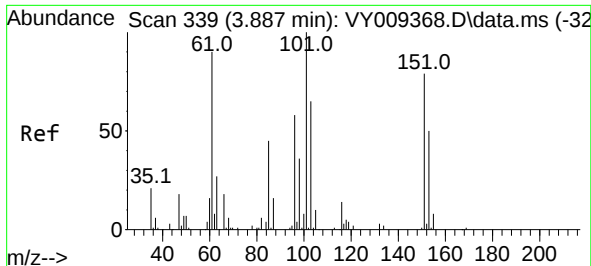
Tgt Ion:101 Resp: 91936  
Ion Ratio Lower Upper  
101 100  
103 60.3 48.0 72.0



#8  
Diethyl Ether  
Concen: 47.708 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 74 Resp: 30865  
Ion Ratio Lower Upper  
74 100  
45 95.3 55.1 165.5

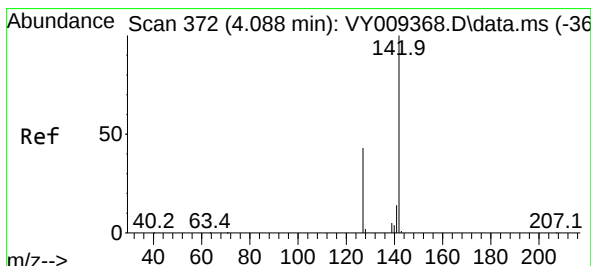
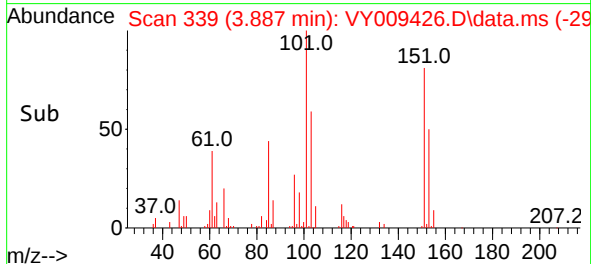
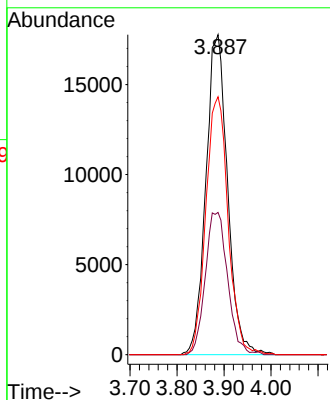
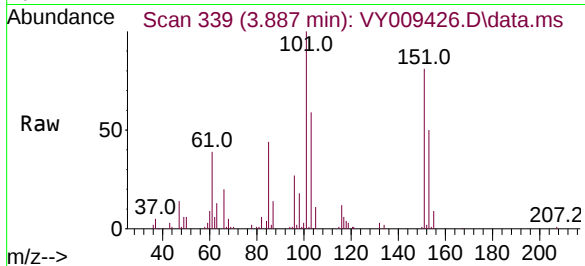




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.879 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

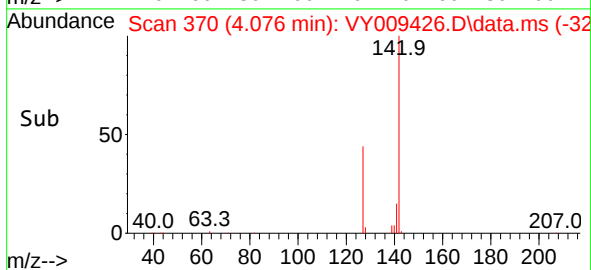
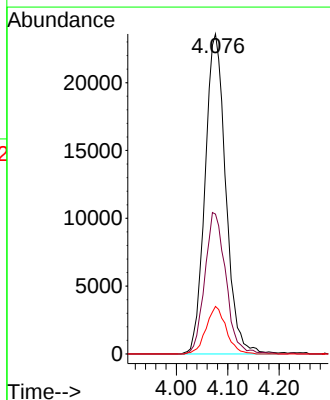
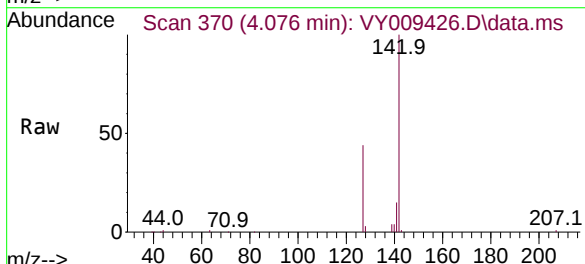
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

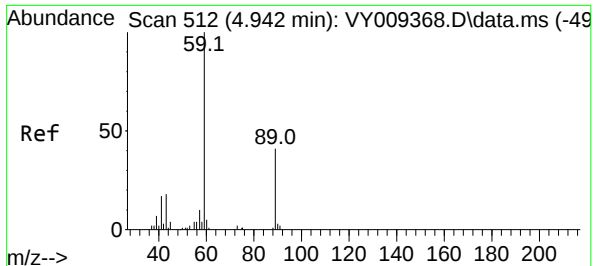
Tgt Ion:101 Resp: 56828  
Ion Ratio Lower Upper  
101 100  
85 46.0 40.6 60.8  
151 82.7 64.9 97.3



#10  
Methyl Iodide  
Concen: 50.637 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion:142 Resp: 65972  
Ion Ratio Lower Upper  
142 100  
127 44.9 41.5 62.3  
141 14.4 11.9 17.9

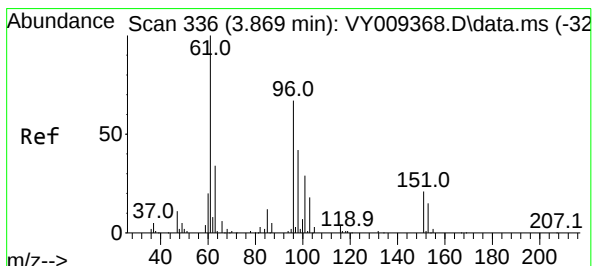
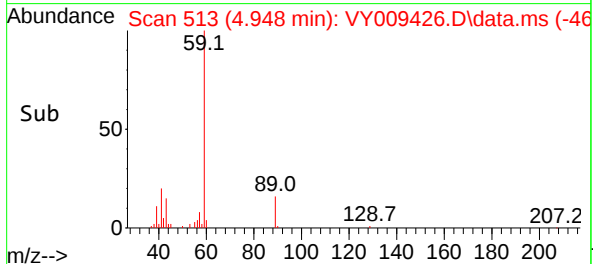
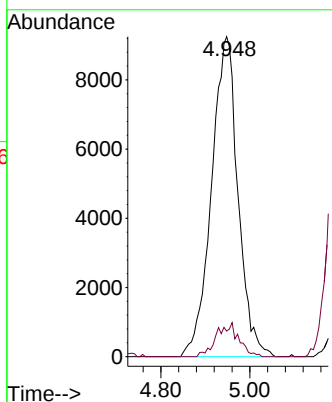
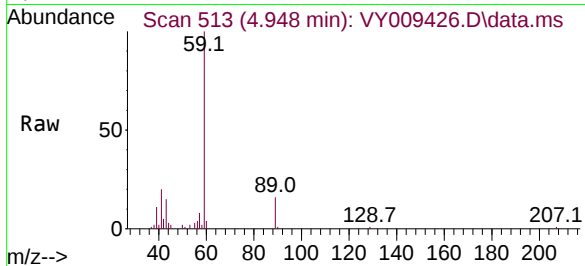




#11  
Tert butyl alcohol  
Concen: 246.061 ug/l  
RT: 4.948 min Scan# 512  
Delta R.T. 0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

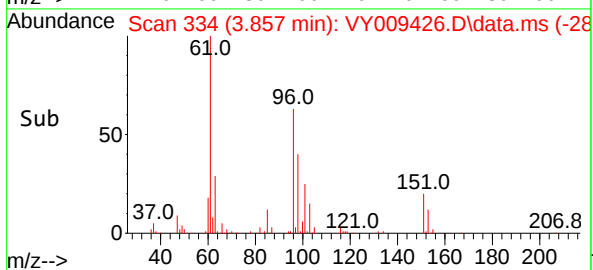
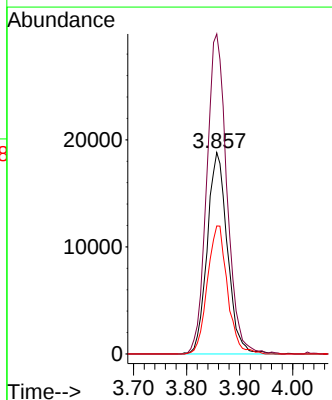
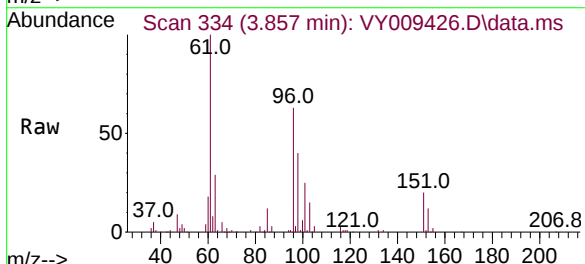
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

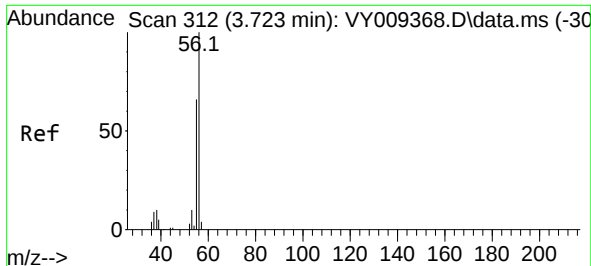
Tgt Ion: 59 Resp: 38286  
Ion Ratio Lower Upper  
59 100  
57 8.9 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 45.903 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 96 Resp: 49697  
Ion Ratio Lower Upper  
96 100  
61 158.8 145.8 218.6  
98 63.6 52.5 78.7





#13

Acrolein

Concen: 205.968 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

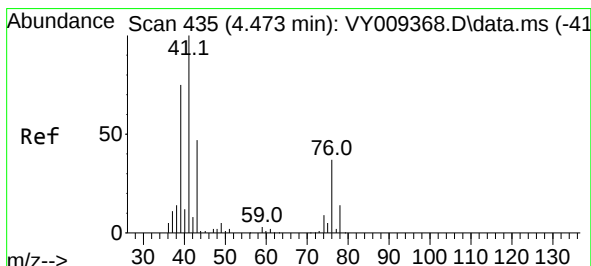
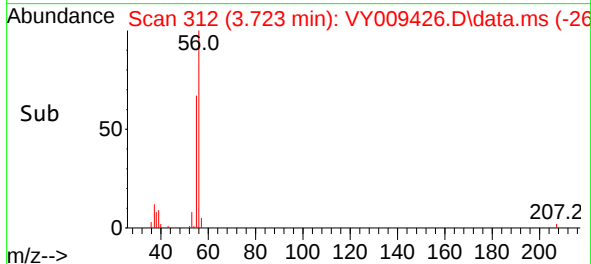
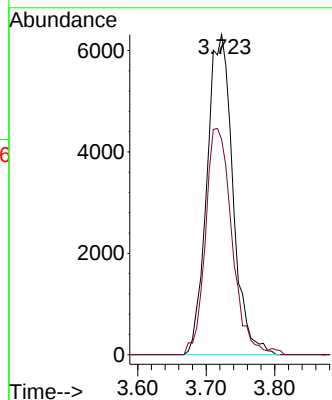
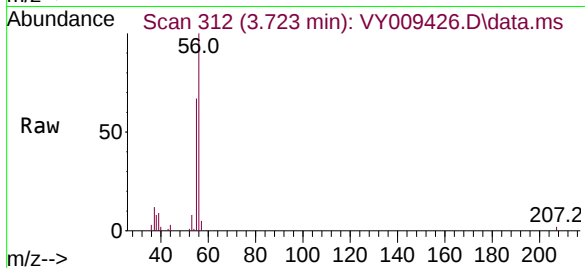
VSTDCCC050EC

Tgt Ion: 56 Resp: 16583

Ion Ratio Lower Upper

56 100

55 72.0 57.6 86.4



#14

Allyl chloride

Concen: 44.343 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.013 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

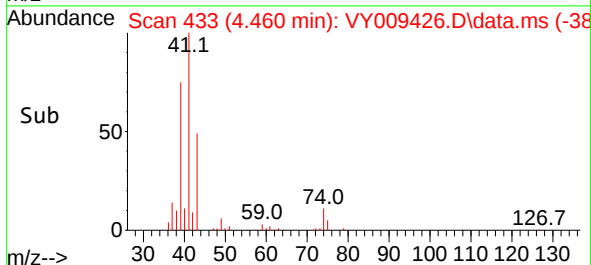
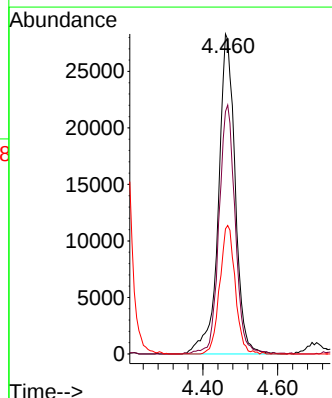
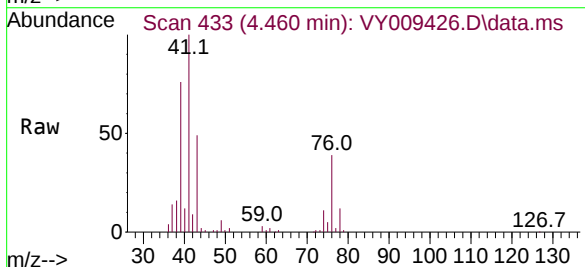
Tgt Ion: 41 Resp: 87969

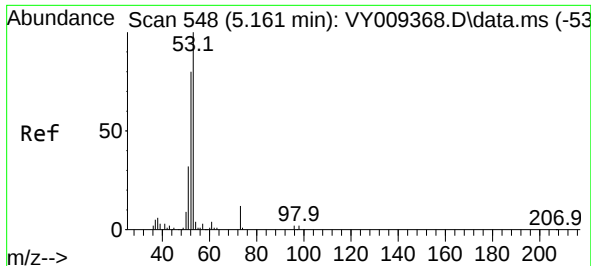
Ion Ratio Lower Upper

41 100

39 75.3 58.8 88.2

76 37.2 25.1 37.7

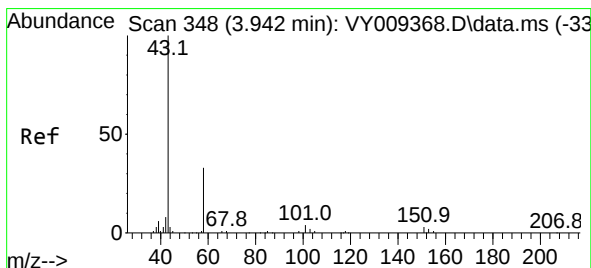
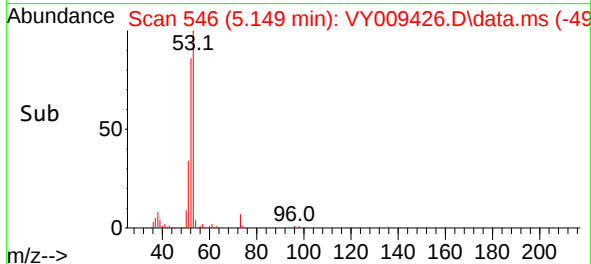
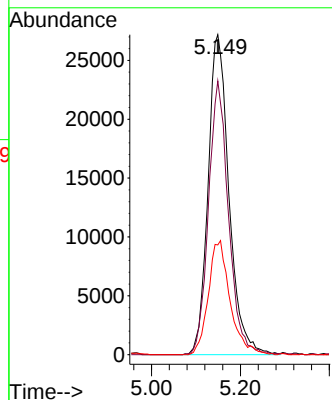
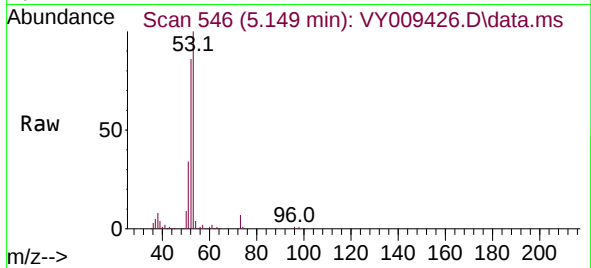




#15  
Acrylonitrile  
Concen: 242.634 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

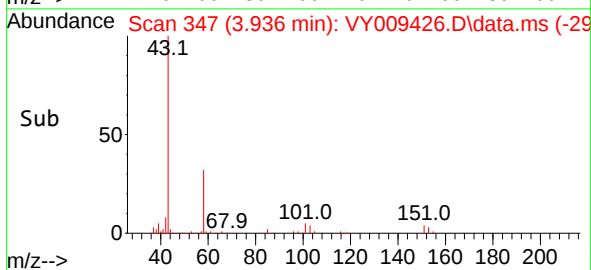
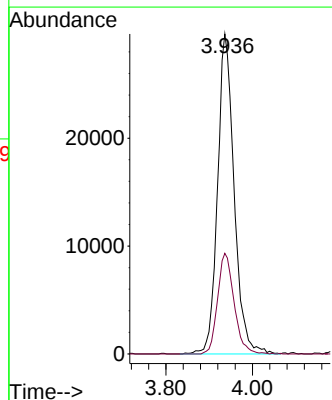
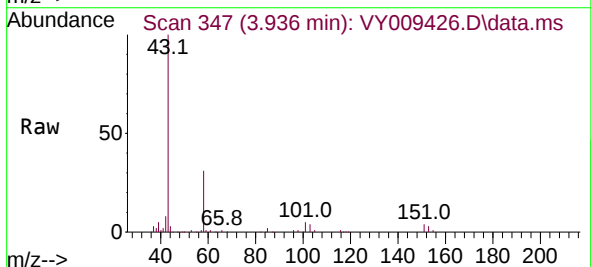
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

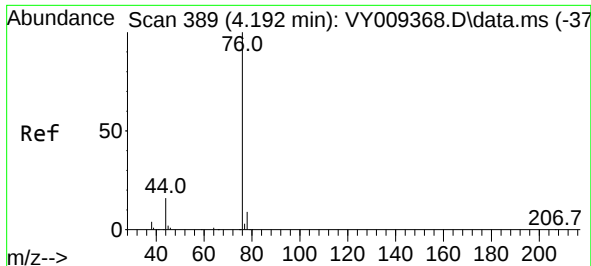
Tgt Ion: 53 Resp: 88925  
Ion Ratio Lower Upper  
53 100  
52 81.9 67.0 100.4  
51 37.1 29.8 44.6



#16  
Acetone  
Concen: 249.635 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 43 Resp: 79088  
Ion Ratio Lower Upper  
43 100  
58 31.5 22.0 33.0

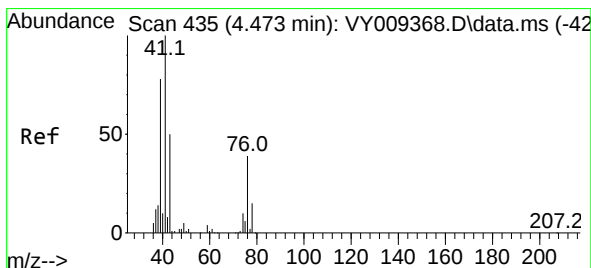
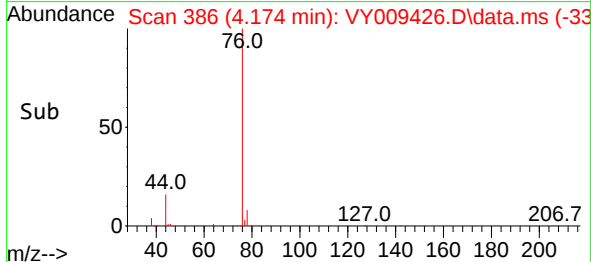
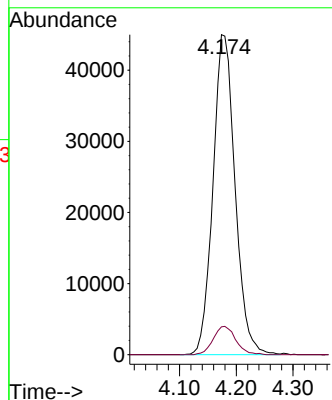
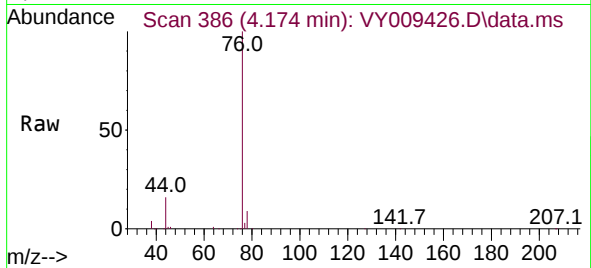




#17  
Carbon Disulfide  
Concen: 40.479 ug/l  
RT: 4.174 min Scan# 386  
Delta R.T. -0.012 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

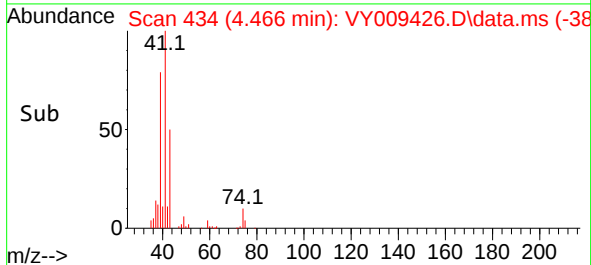
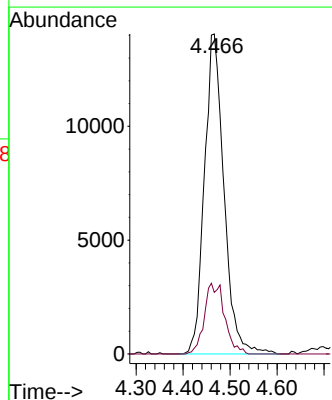
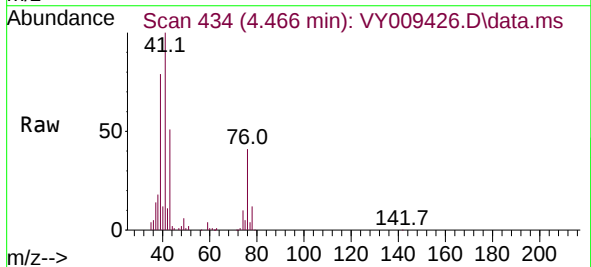
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

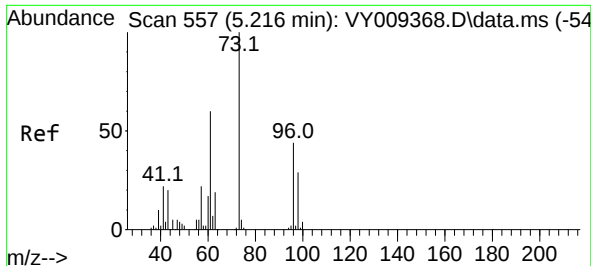
Tgt Ion: 76 Resp: 121907  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 49.480 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.007 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 43 Resp: 40581  
Ion Ratio Lower Upper  
43 100  
74 22.9 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 51.064 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

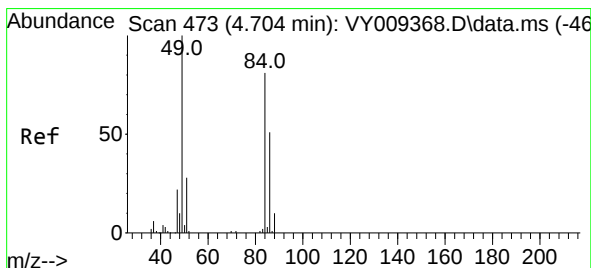
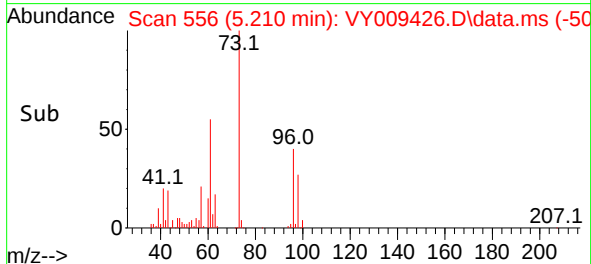
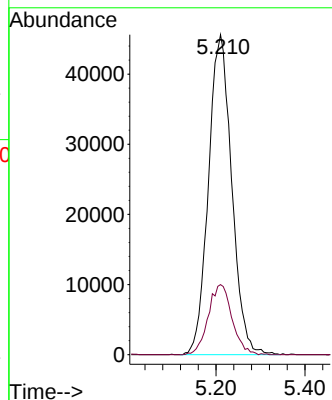
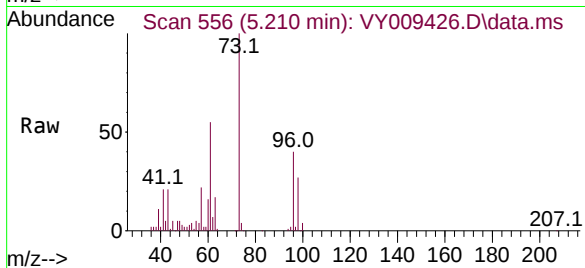
VSTDCCC050EC

Tgt Ion: 73 Resp: 165802

Ion Ratio Lower Upper

73 100

57 21.9 18.6 27.8



#20

Methylene Chloride

Concen: 41.824 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.012 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Tgt Ion: 84 Resp: 62147

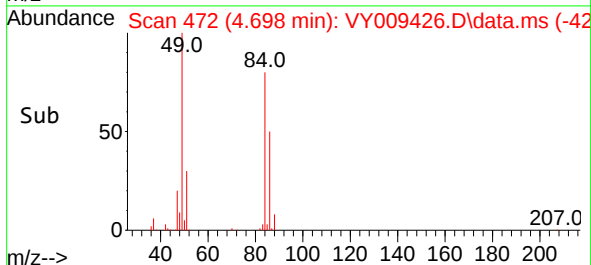
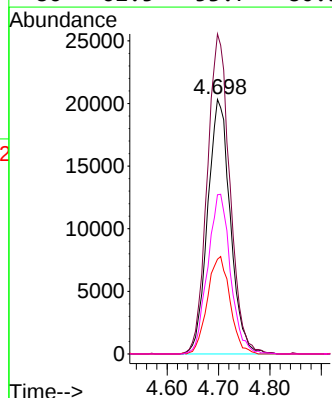
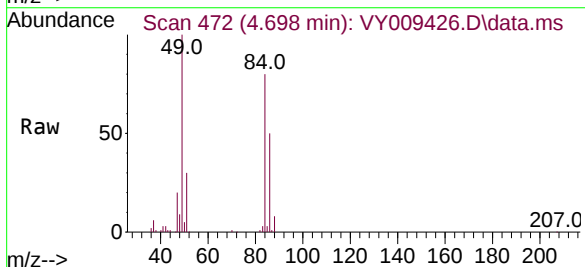
Ion Ratio Lower Upper

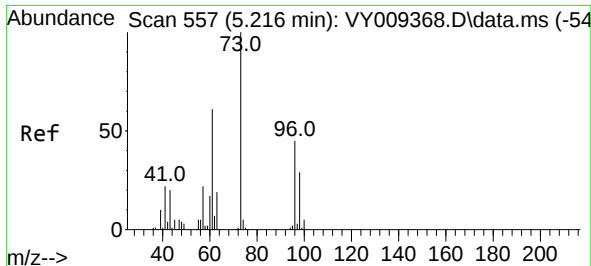
84 100

49 125.7 114.4 171.6

51 37.2 35.3 52.9

86 62.5 53.7 80.5

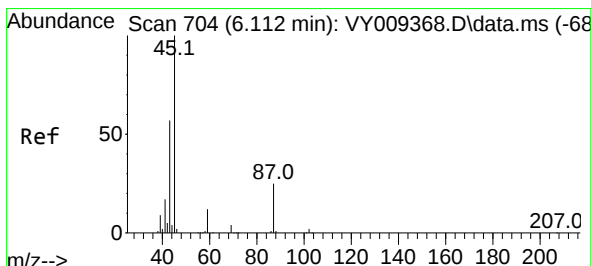
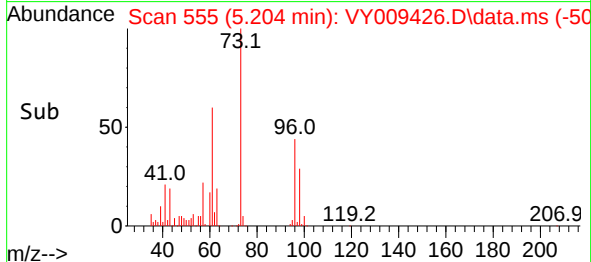
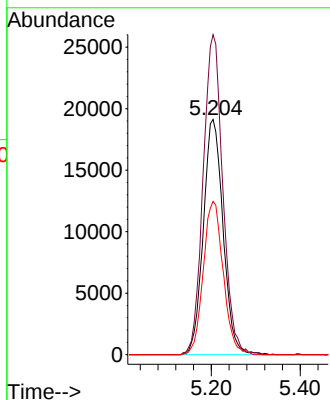
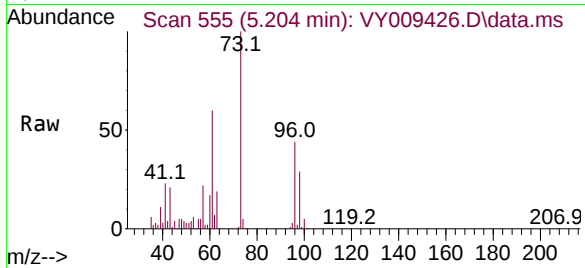




#21  
trans-1,2-Dichloroethene  
Concen: 45.749 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

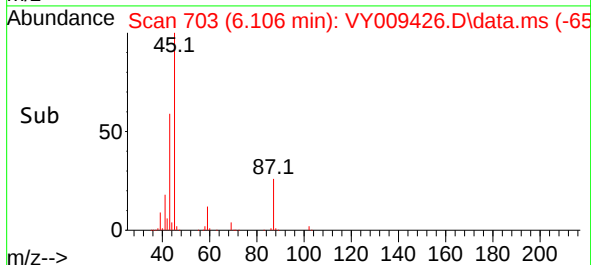
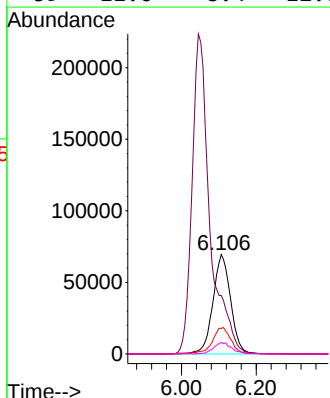
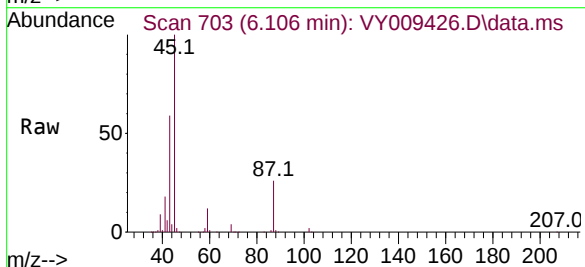
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

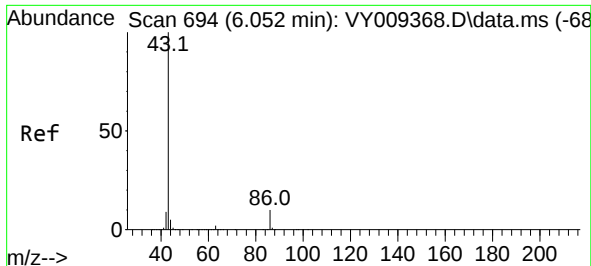
Tgt Ion: 96 Resp: 59300  
Ion Ratio Lower Upper  
96 100  
61 136.0 120.5 180.7  
98 65.2 49.8 74.8



#22  
Diisopropyl ether  
Concen: 54.490 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 45 Resp: 228129  
Ion Ratio Lower Upper  
45 100  
43 58.6 49.3 73.9  
87 25.8 19.2 28.8  
59 11.6 8.4 12.6

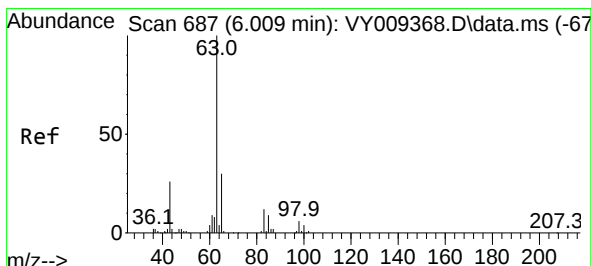
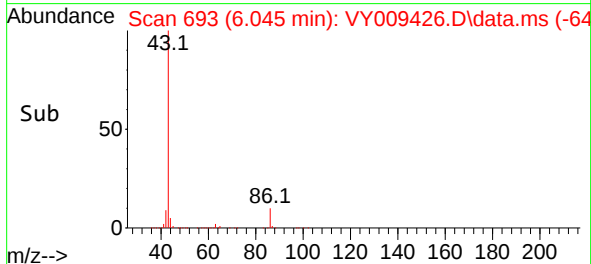
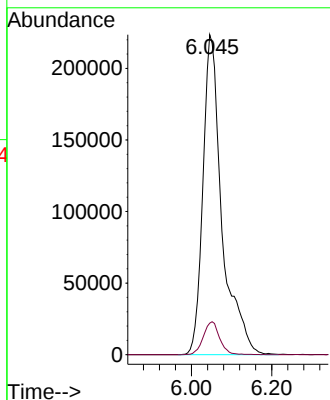
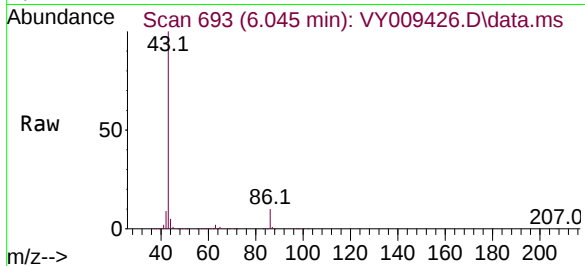




#23  
 Vinyl Acetate  
 Concen: 281.235 ug/l  
 RT: 6.045 min Scan# 694  
 Delta R.T. -0.006 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

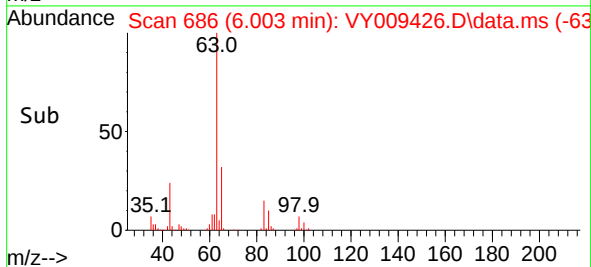
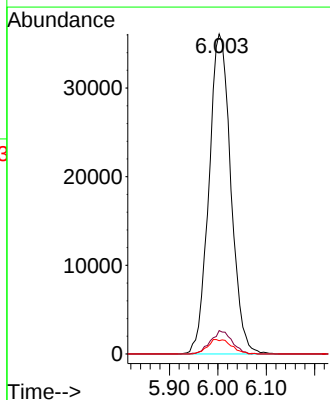
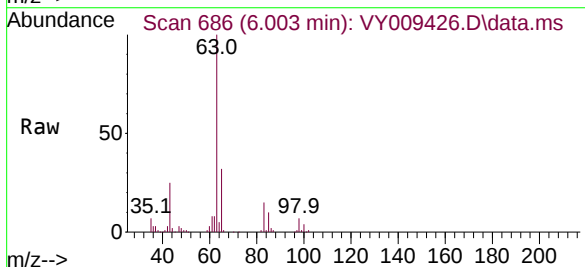
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

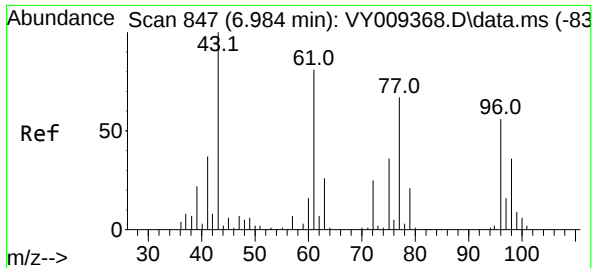
Tgt Ion: 43 Resp: 737578  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 48.203 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. -0.012 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

Tgt Ion: 63 Resp: 113462  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 268.235 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

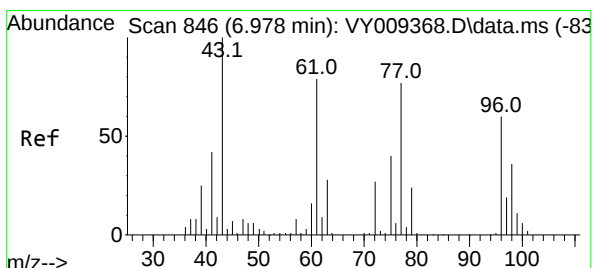
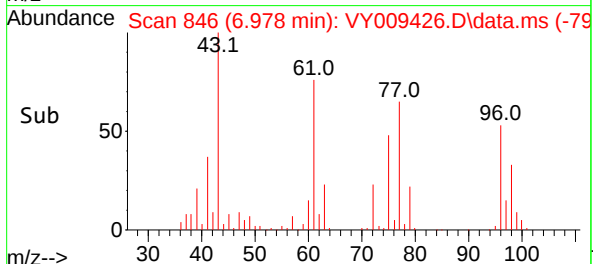
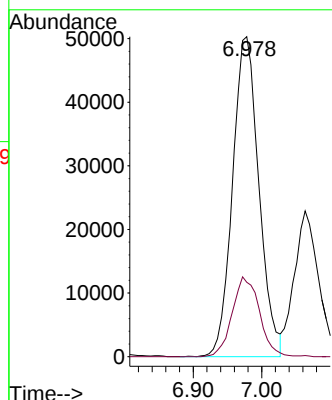
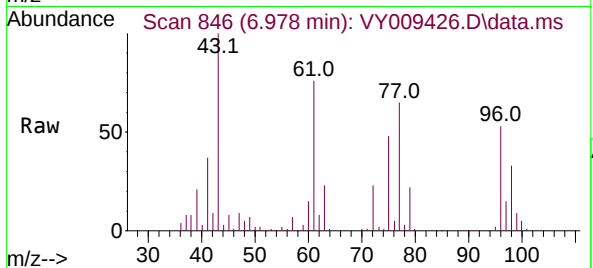
VSTDCCC050EC

Tgt Ion: 43 Resp: 134727

Ion Ratio Lower Upper

43 100

72 23.3 17.7 26.5



#26

2,2-Dichloropropane

Concen: 49.484 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009426.D

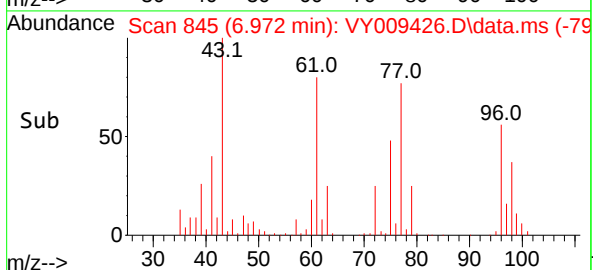
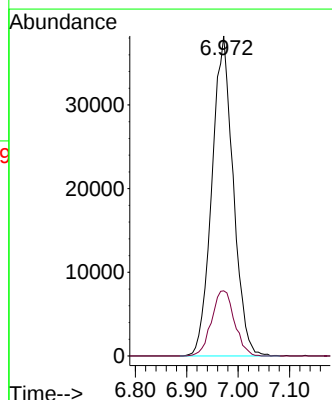
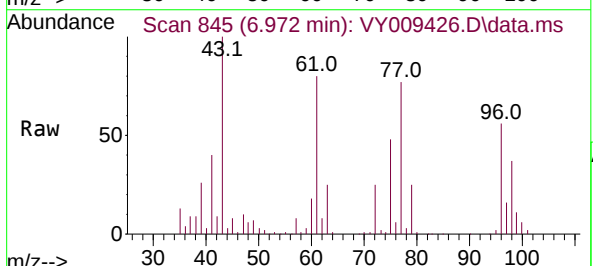
Acq: 01 Jul 2022 16:42

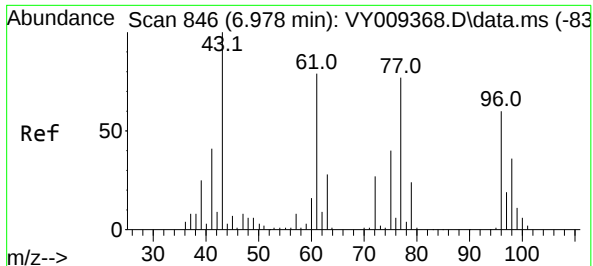
Tgt Ion: 77 Resp: 110241

Ion Ratio Lower Upper

77 100

97 21.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.397 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

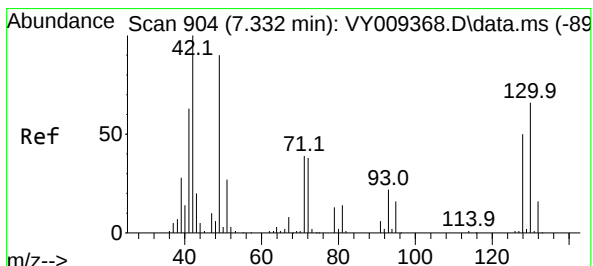
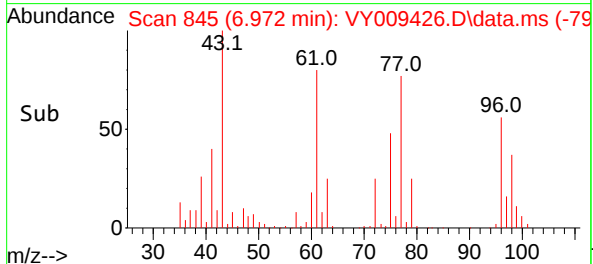
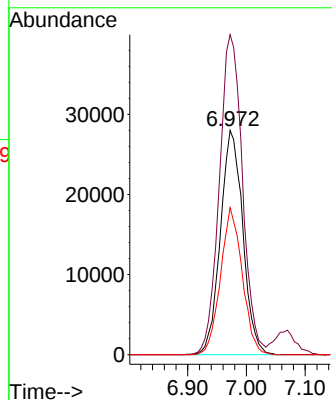
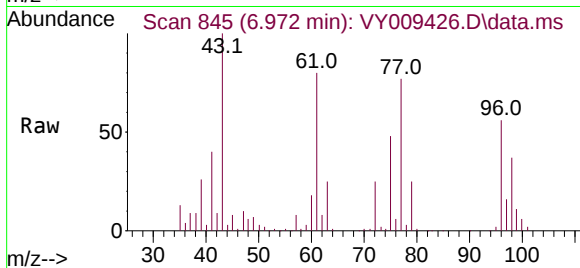
Tgt Ion: 96 Resp: 74385

Ion Ratio Lower Upper

96 100

61 147.0 0.0 319.8

98 63.3 0.0 127.0



#28

Bromochloromethane

Concen: 53.447 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

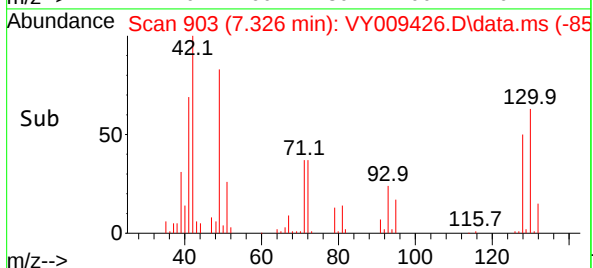
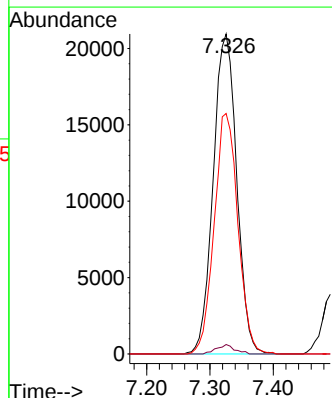
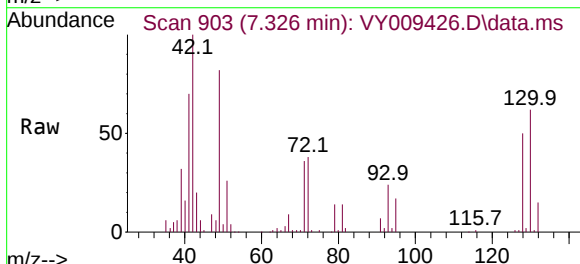
Tgt Ion: 49 Resp: 54020

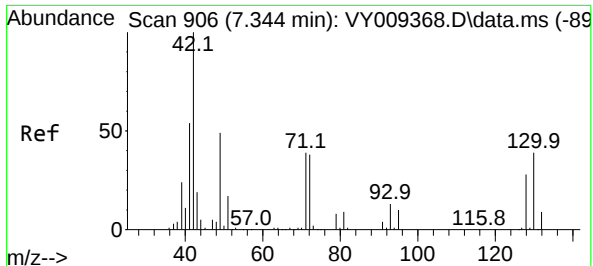
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 75.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 276.221 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

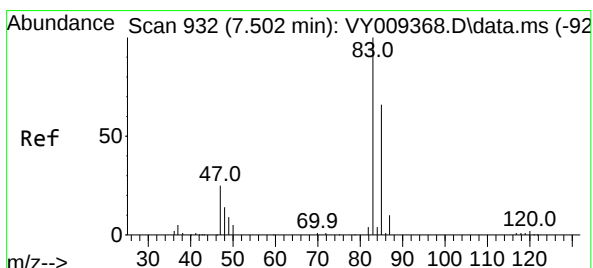
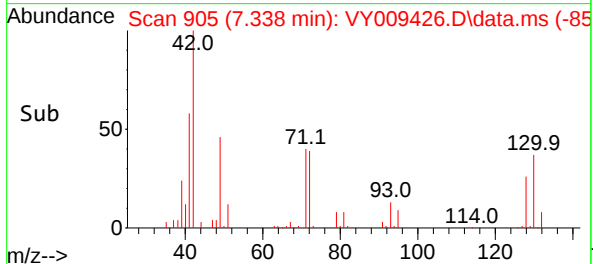
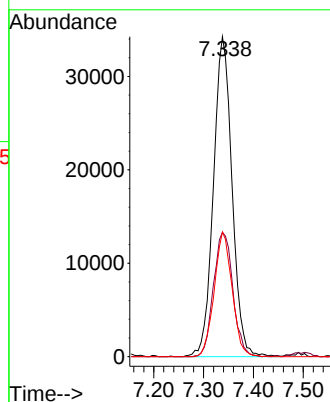
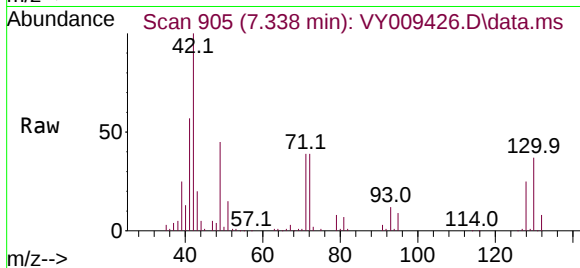
Tgt Ion: 42 Resp: 88948

Ion Ratio Lower Upper

42 100

72 40.5 30.3 45.5

71 37.5 29.0 43.4



#30

Chloroform

Concen: 51.538 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009426.D

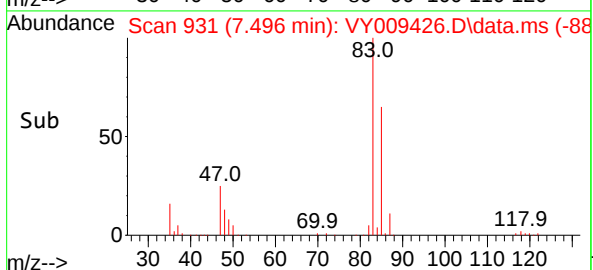
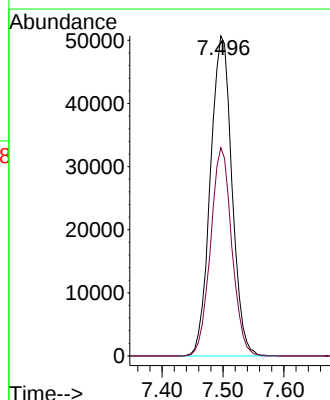
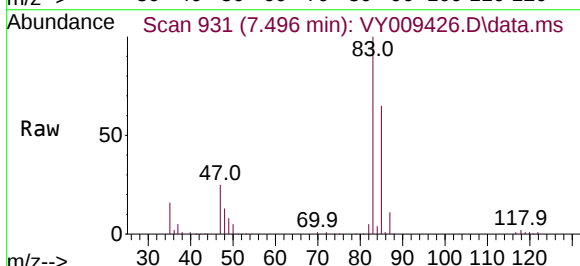
Acq: 01 Jul 2022 16:42

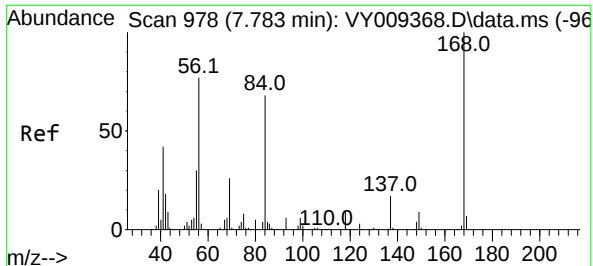
Tgt Ion: 83 Resp: 124682

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.6

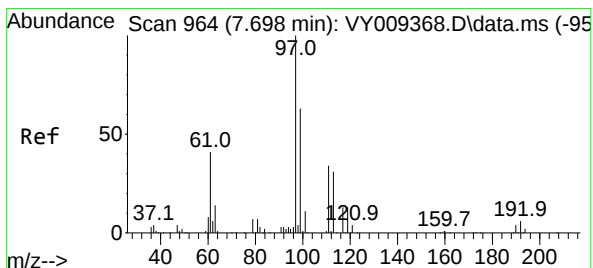
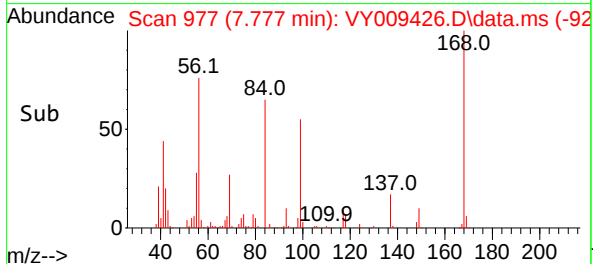
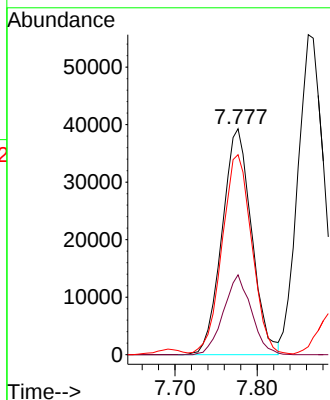
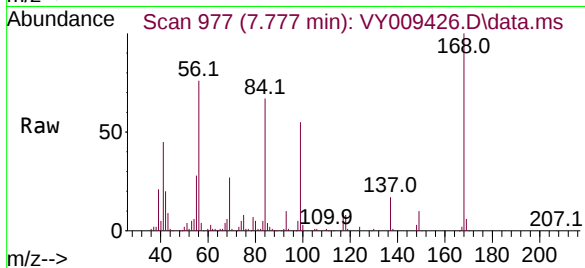




#31  
Cyclohexane  
Concen: 45.319 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

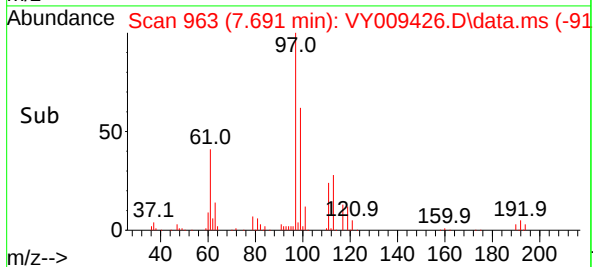
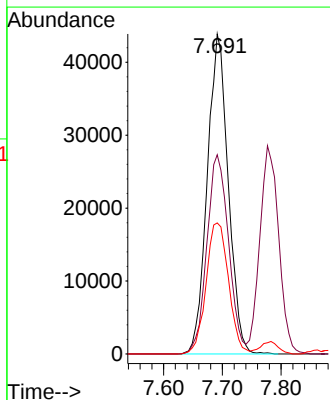
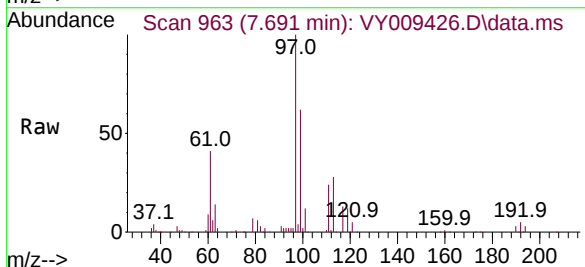
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

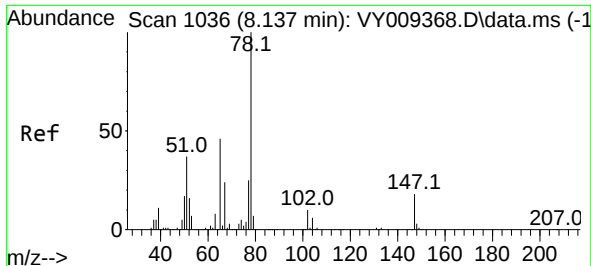
Tgt Ion: 56 Resp: 98331  
Ion Ratio Lower Upper  
56 100  
69 35.3 26.7 40.1  
84 87.1 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 50.163 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. -0.007 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 97 Resp: 108675  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.7 76.1  
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.076 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

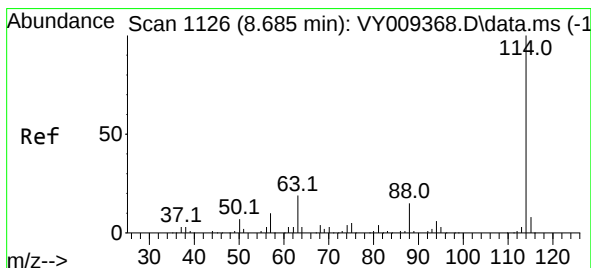
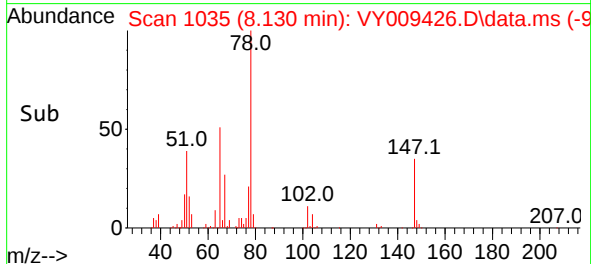
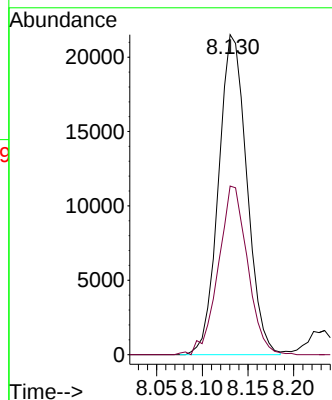
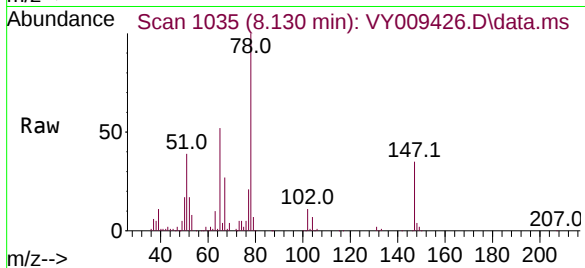
VSTDCCC050EC

Tgt Ion: 65 Resp: 46377

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

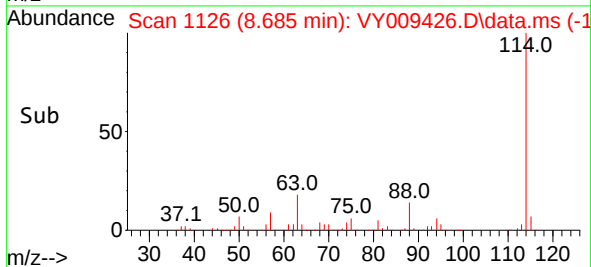
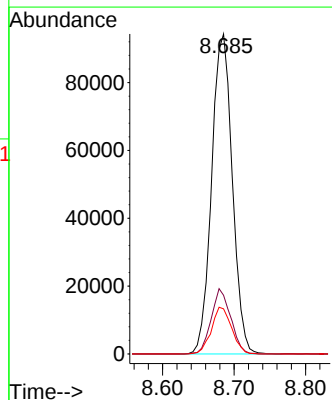
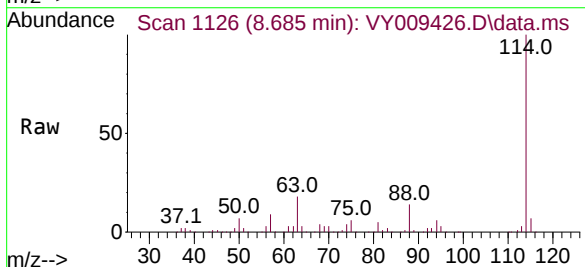
Tgt Ion: 114 Resp: 189222

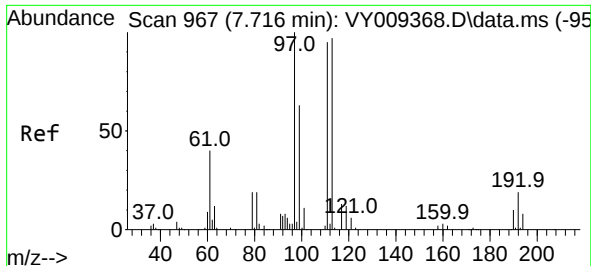
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.1 0.0 31.8

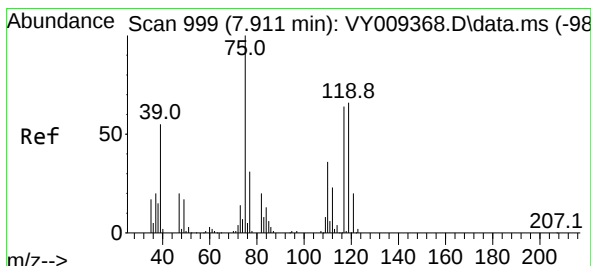
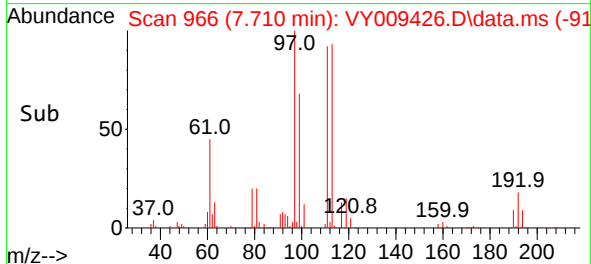
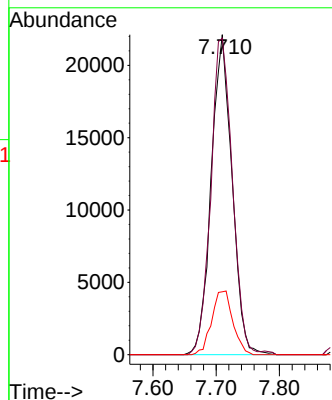
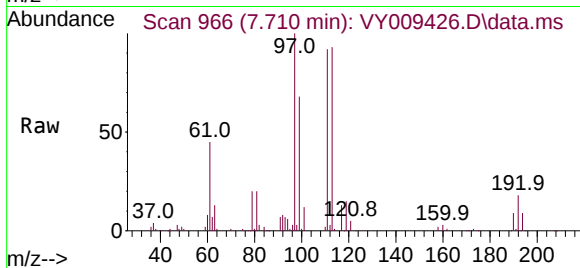




#35  
Dibromofluoromethane  
Concen: 48.422 ug/l  
RT: 7.710 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

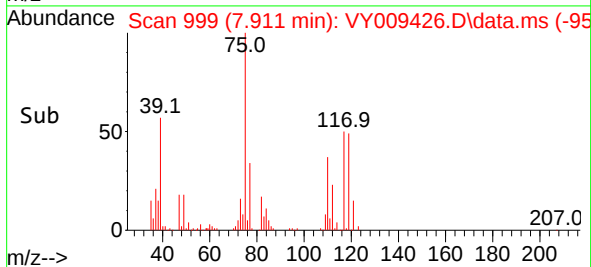
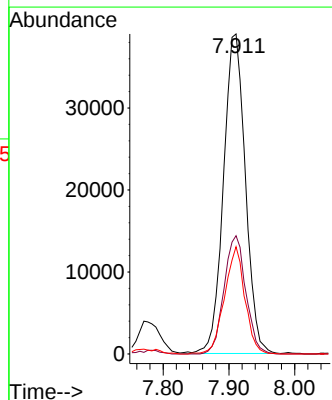
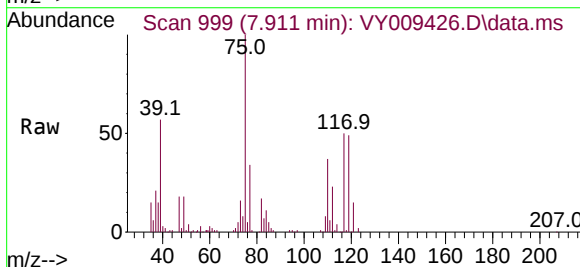
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

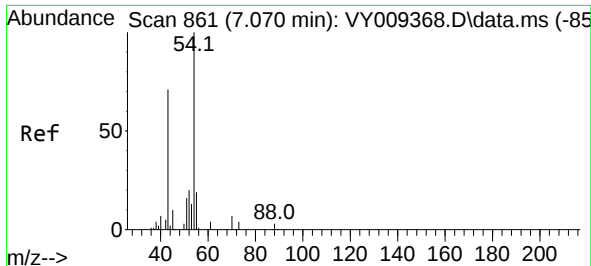
Tgt Ion:113 Resp: 50428  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.6 124.0  
192 20.3 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 49.610 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 75 Resp: 90337  
Ion Ratio Lower Upper  
75 100  
110 36.7 17.1 51.2  
77 31.2 24.4 36.6

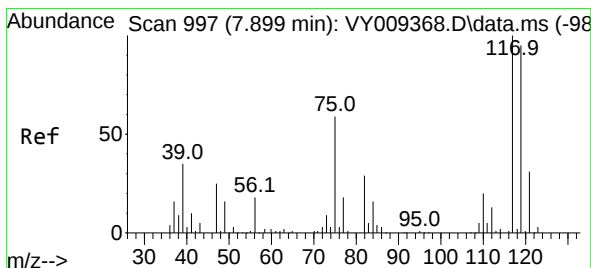
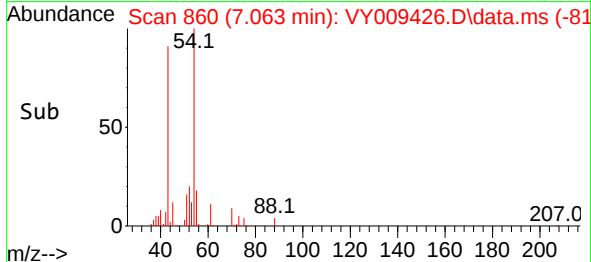
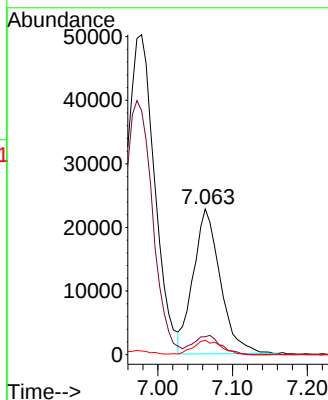
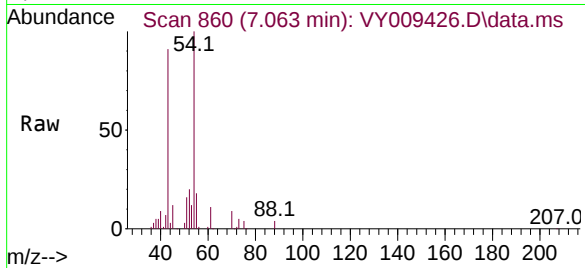




#37  
Ethyl Acetate  
Concen: 52.768 ug/l  
RT: 7.063 min Scan# 860  
Delta R.T. -0.007 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

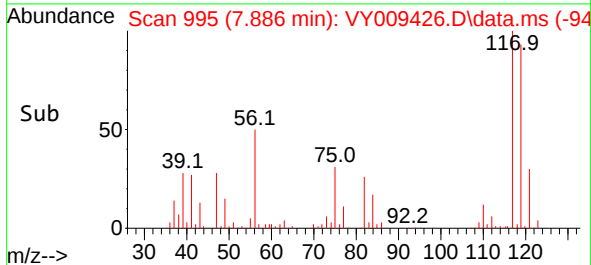
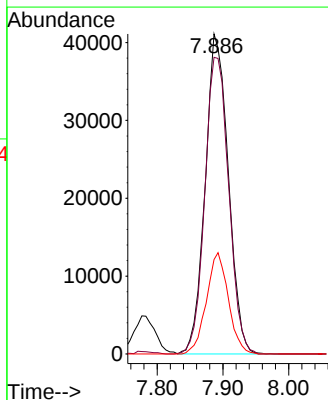
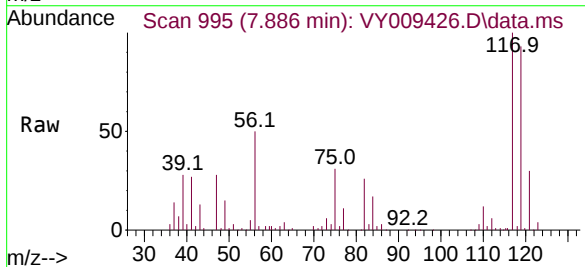
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

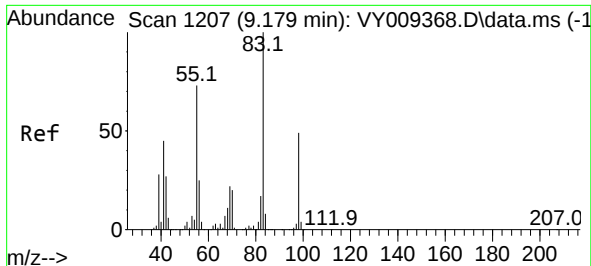
Tgt Ion: 43 Resp: 56983  
Ion Ratio Lower Upper  
43 100  
61 13.6 9.7 14.5  
70 10.2 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 52.934 ug/l  
RT: 7.886 min Scan# 995  
Delta R.T. -0.007 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 117 Resp: 100749  
Ion Ratio Lower Upper  
117 100  
119 92.7 77.9 116.9  
121 29.5 24.8 37.2





#39

Methylcyclohexane

Concen: 48.836 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

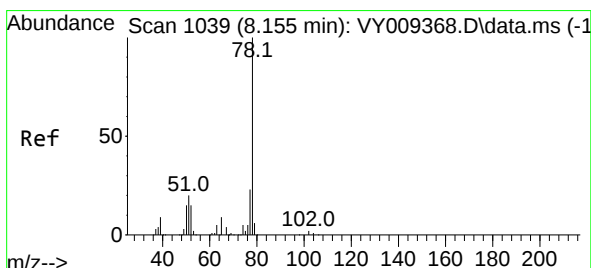
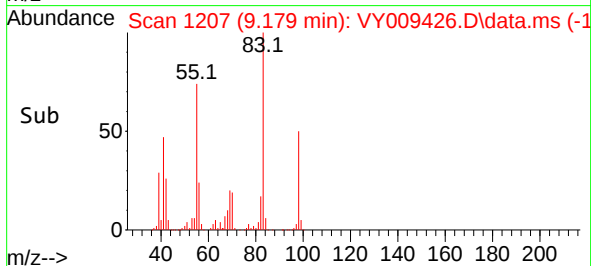
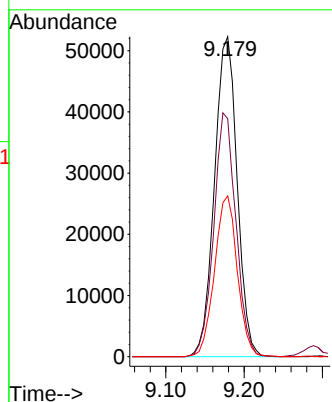
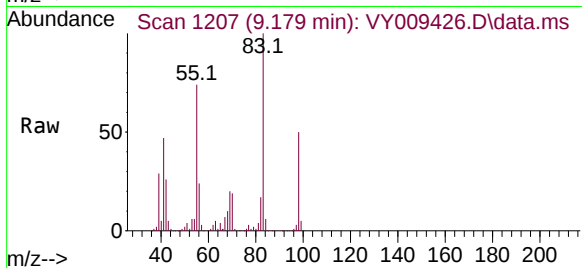
Tgt Ion: 83 Resp: 105248

Ion Ratio Lower Upper

83 100

55 74.4 66.5 99.7

98 50.3 37.9 56.9



#40

Benzene

Concen: 50.808 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009426.D

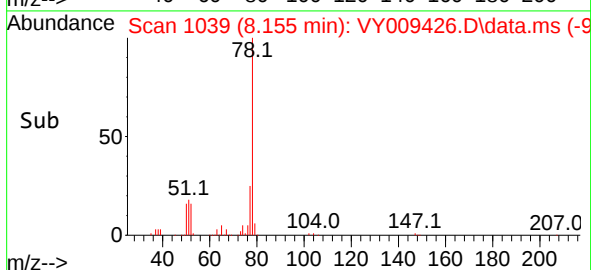
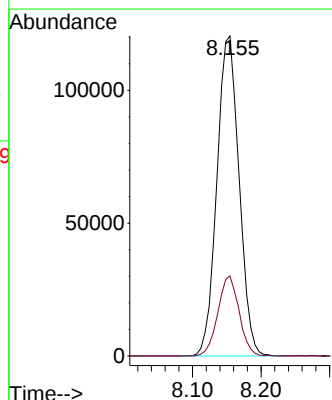
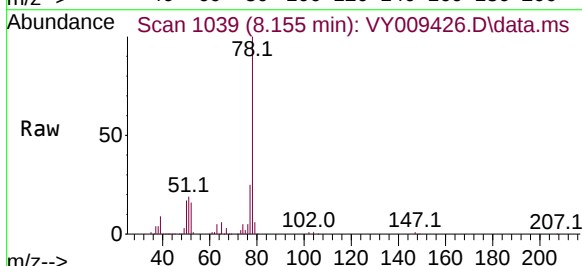
Acq: 01 Jul 2022 16:42

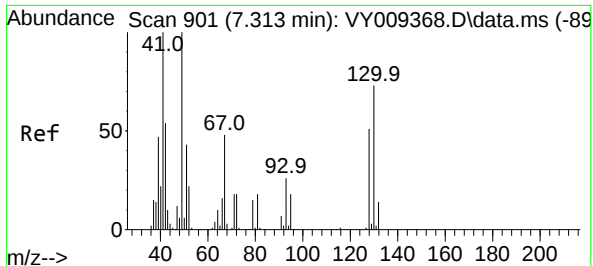
Tgt Ion: 78 Resp: 270559

Ion Ratio Lower Upper

78 100

77 25.0 20.4 30.6

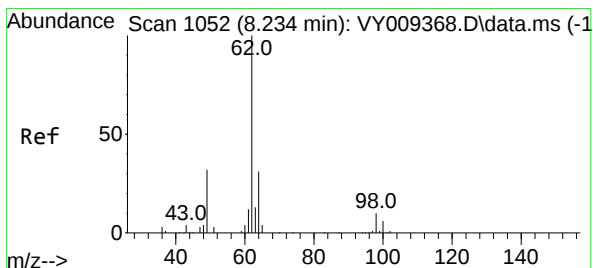
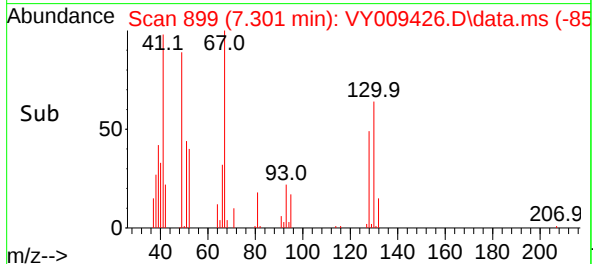
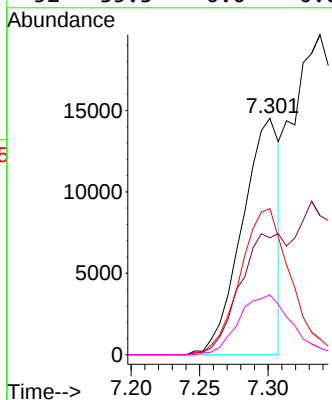
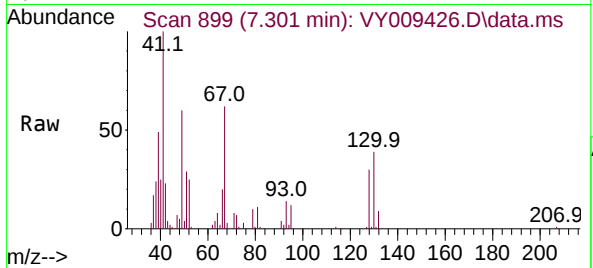




#41  
Methacrylonitrile  
Concen: 45.034 ug/l  
RT: 7.301 min Scan# 89  
Delta R.T. 0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

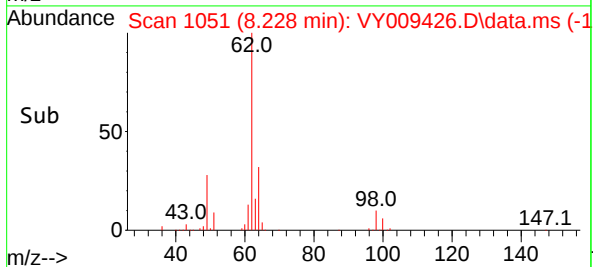
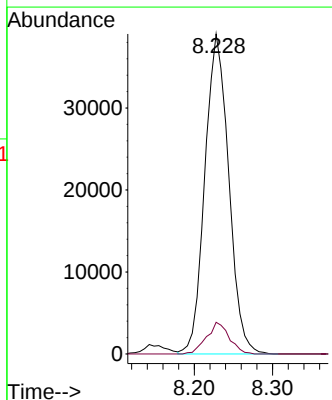
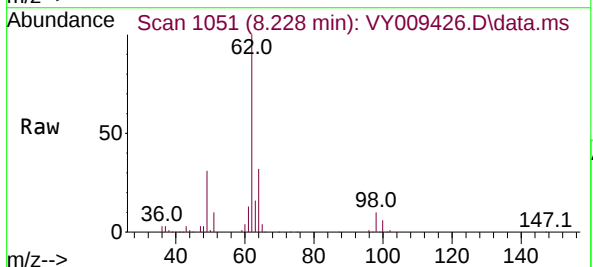
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

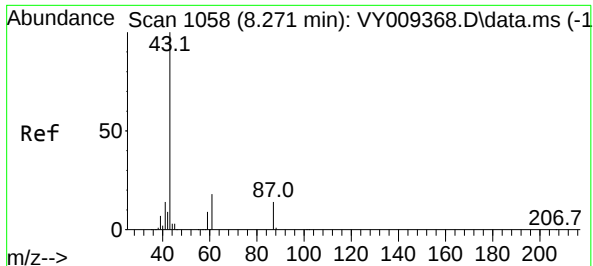
Tgt Ion: 41 Resp: 27474  
Ion Ratio Lower Upper  
41 100  
39 64.0 92.9 139.3#  
67 83.5 0.0 0.0#  
52 35.3 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 54.033 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 62 Resp: 82538  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 56.685 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

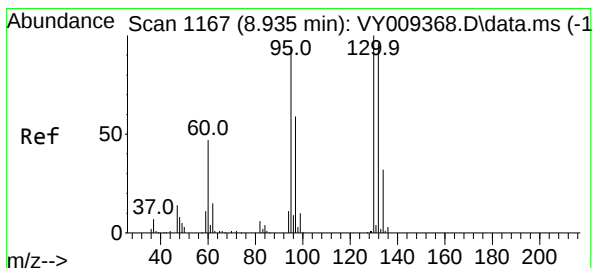
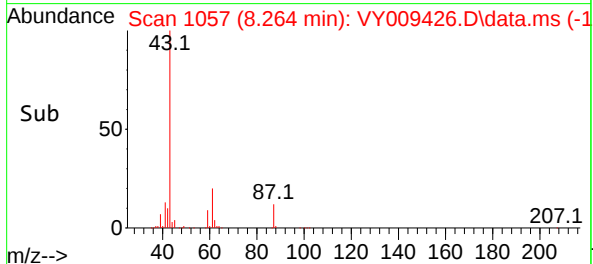
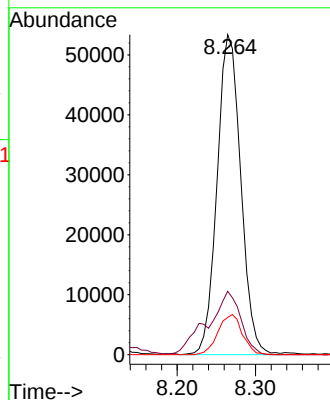
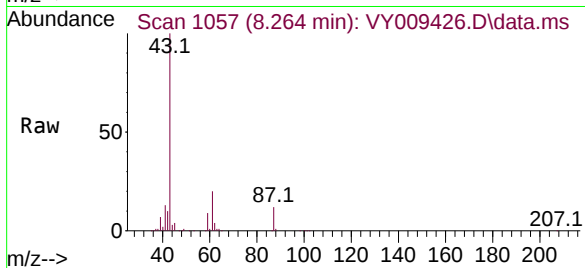
Tgt Ion: 43 Resp: 112385

Ion Ratio Lower Upper

43 100

61 27.7 20.2 30.2

87 12.8 8.9 13.3



#44

Trichloroethene

Concen: 50.682 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009426.D

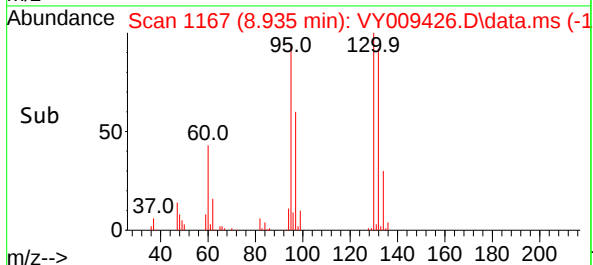
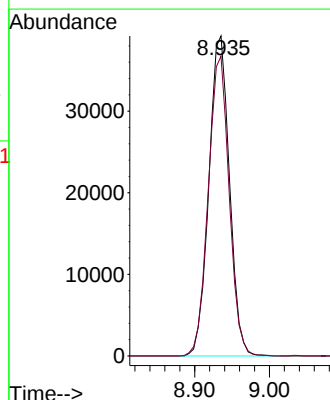
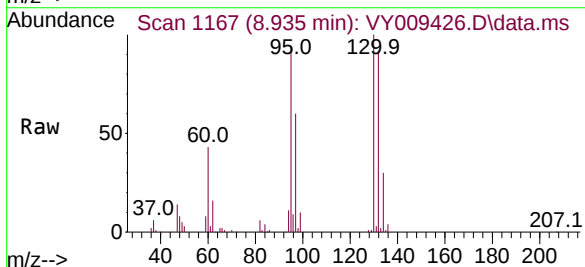
Acq: 01 Jul 2022 16:42

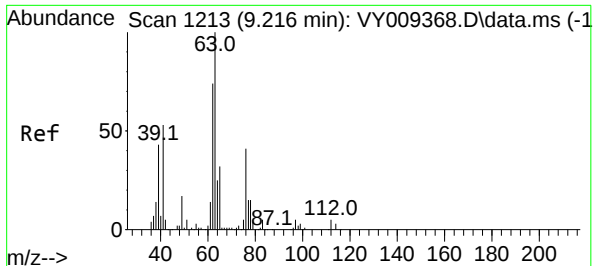
Tgt Ion:130 Resp: 74989

Ion Ratio Lower Upper

130 100

95 93.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.752 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

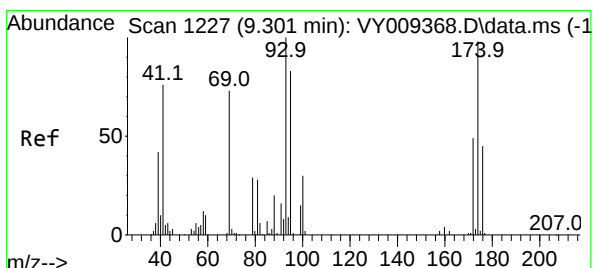
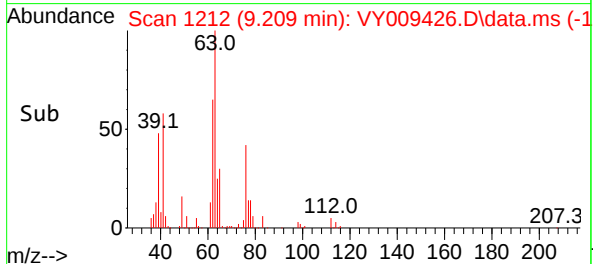
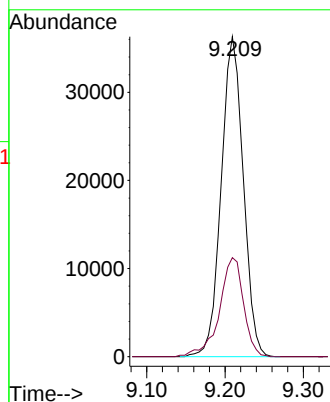
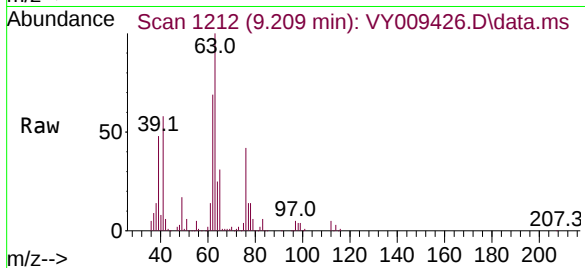
VSTDCCC050EC

Tgt Ion: 63 Resp: 71156

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 53.800 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

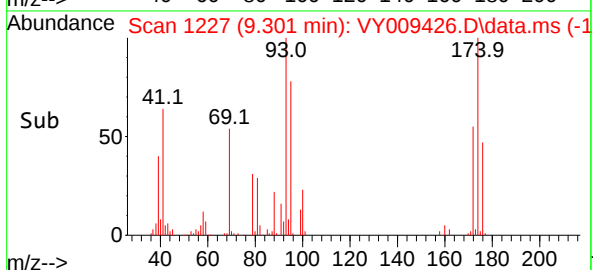
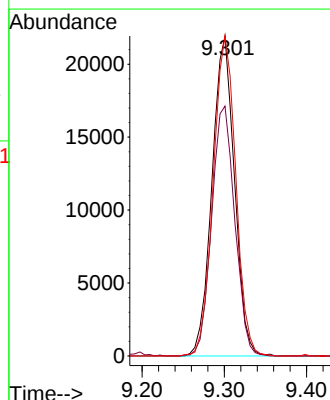
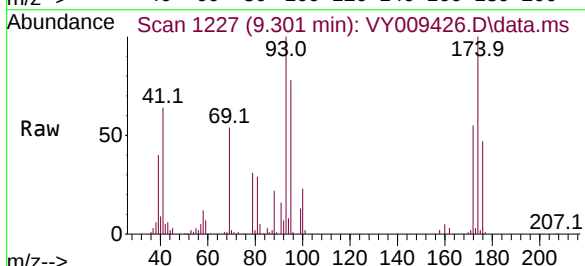
Tgt Ion: 93 Resp: 41574

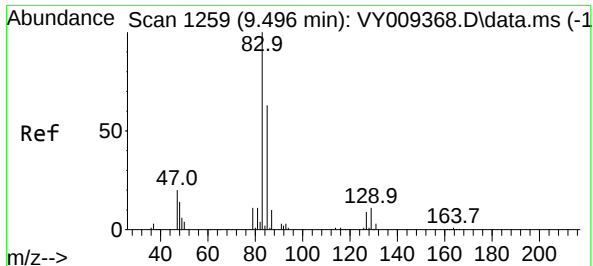
Ion Ratio Lower Upper

93 100

95 80.4 64.3 96.5

174 100.3 83.4 125.0





#47

Bromodichloromethane

Concen: 53.607 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

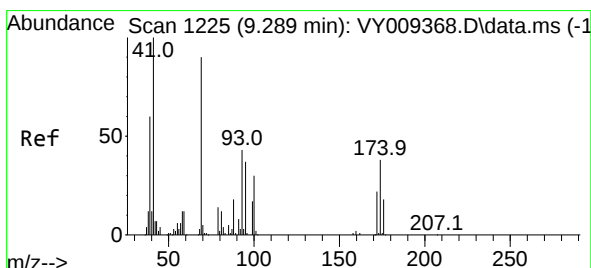
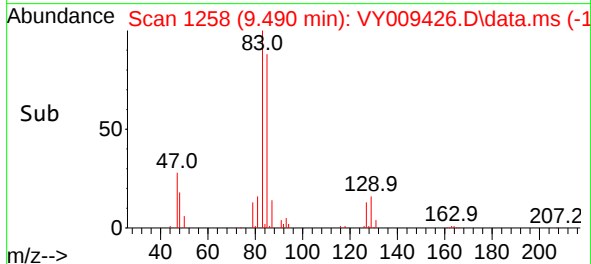
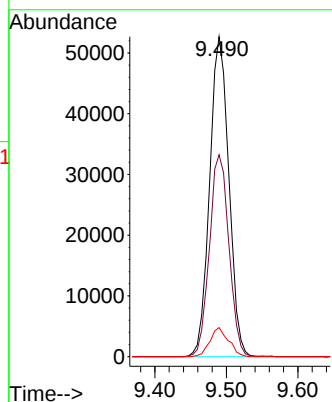
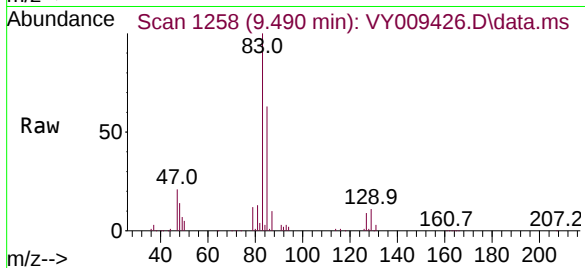
Tgt Ion: 83 Resp: 98101

Ion Ratio Lower Upper

83 100

85 63.1 51.9 77.9

127 9.1 6.6 10.0



#48

Methyl methacrylate

Concen: 57.548 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

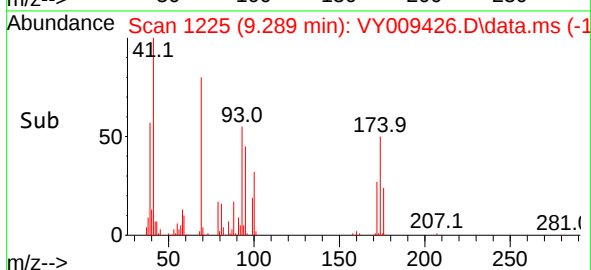
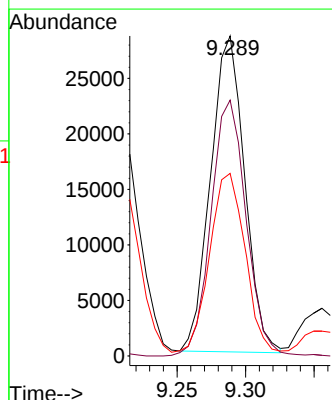
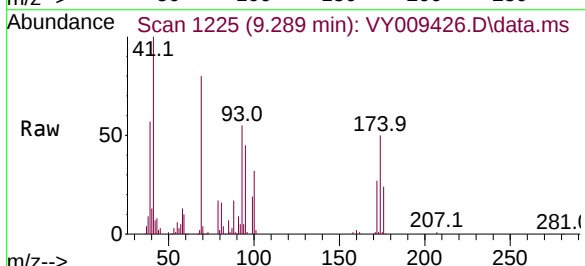
Tgt Ion: 41 Resp: 49186

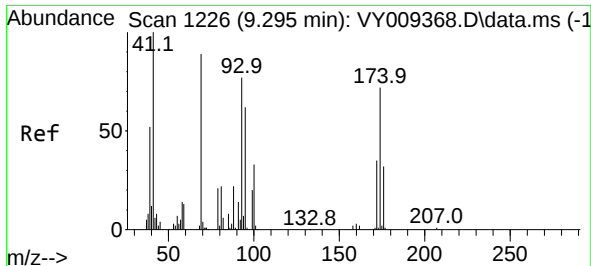
Ion Ratio Lower Upper

41 100

69 83.6 58.2 87.2

39 61.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1105.575 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

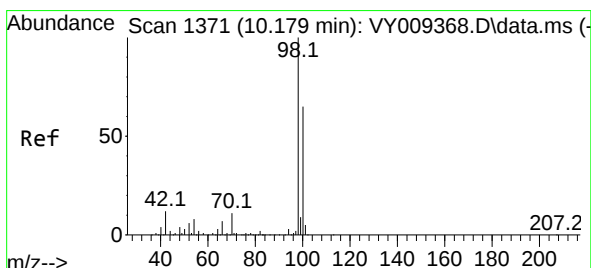
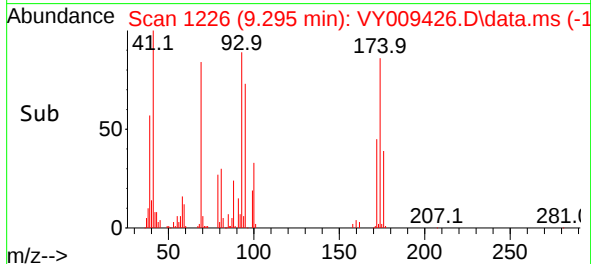
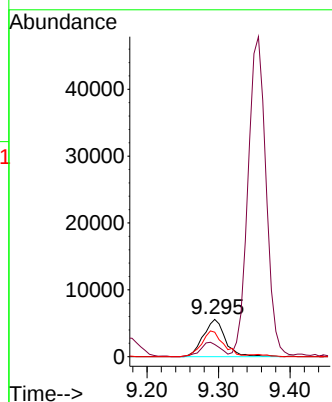
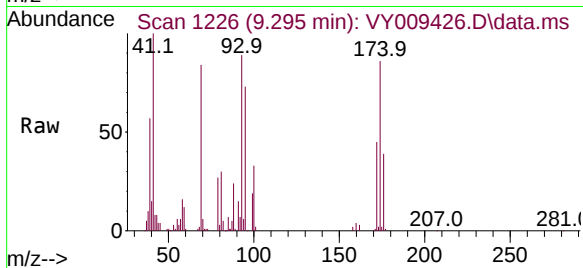
Tgt Ion: 88 Resp: 11909

Ion Ratio Lower Upper

88 100

43 34.4 32.8 49.2

58 68.4 59.8 89.6



#50

Toluene-d8

Concen: 49.898 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009426.D

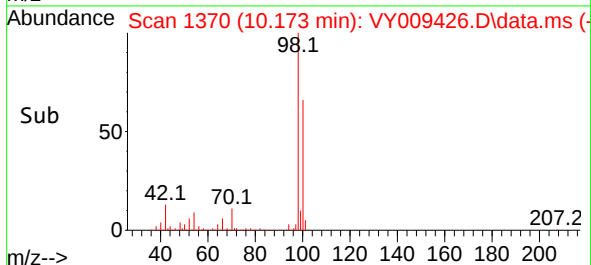
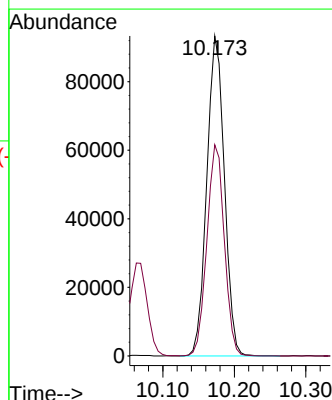
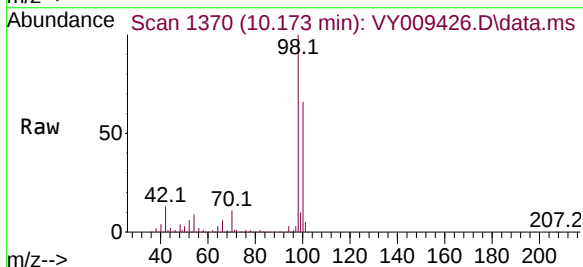
Acq: 01 Jul 2022 16:42

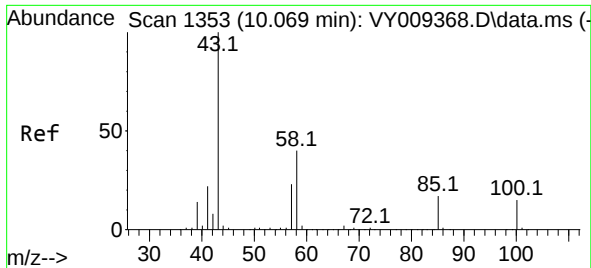
Tgt Ion: 98 Resp: 159327

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

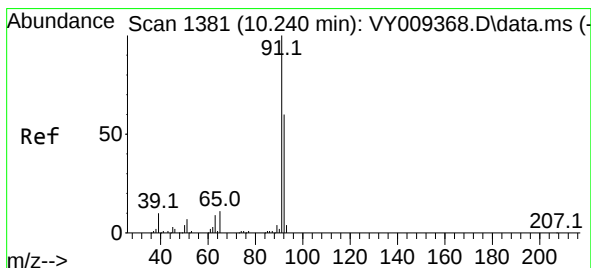
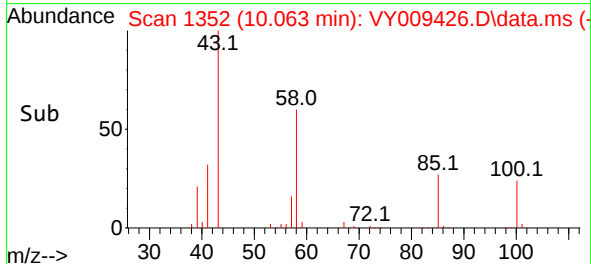
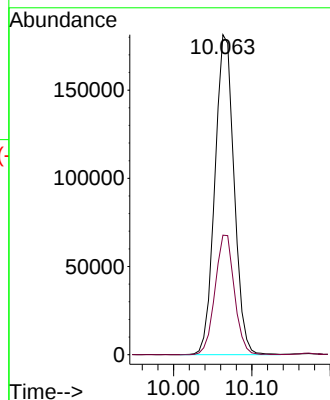
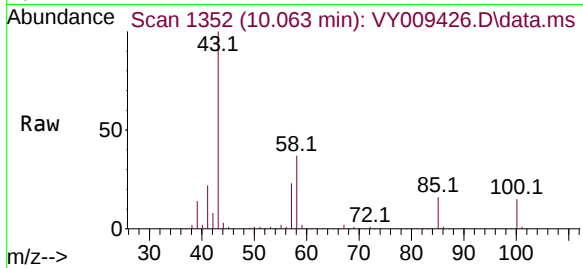




#51  
4-Methyl-2-Pentanone  
Concen: 302.036 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

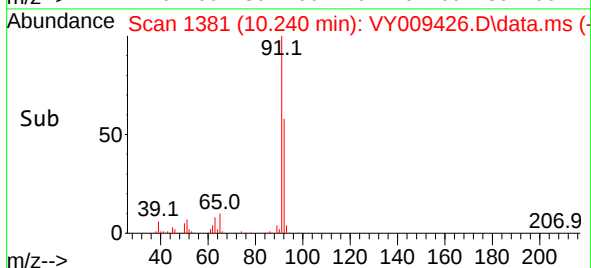
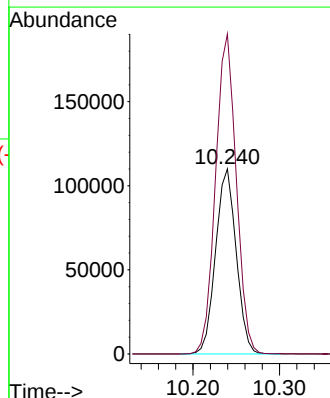
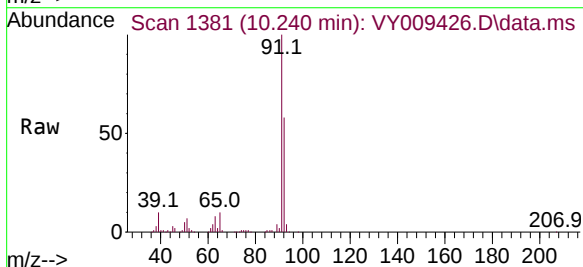
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

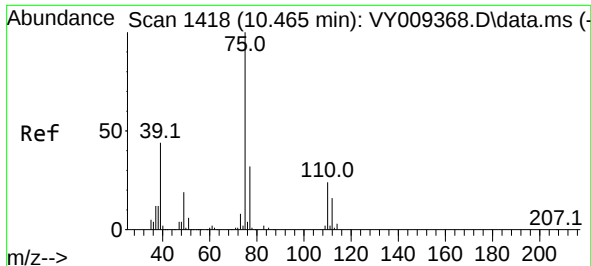
Tgt Ion: 43 Resp: 308751  
Ion Ratio Lower Upper  
43 100  
58 37.7 28.1 42.1



#52  
Toluene  
Concen: 54.136 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 92 Resp: 181883  
Ion Ratio Lower Upper  
92 100  
91 173.6 142.6 213.8

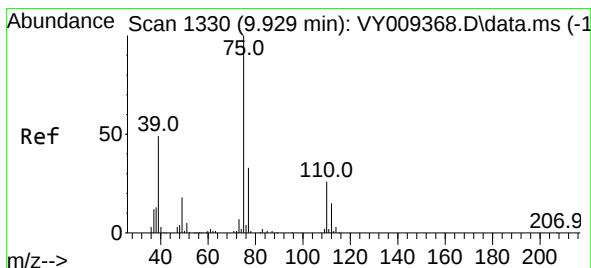
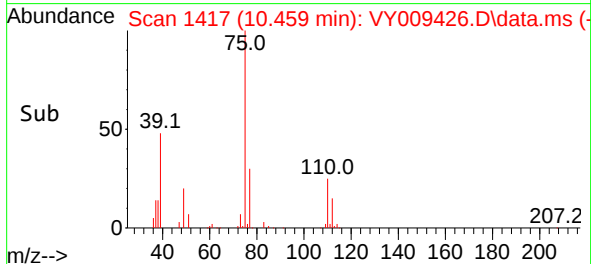
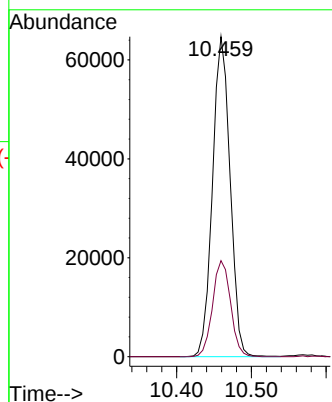
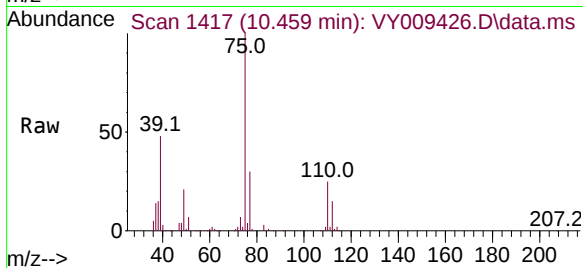




#53  
 t-1,3-Dichloropropene  
 Concen: 57.839 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. -0.006 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

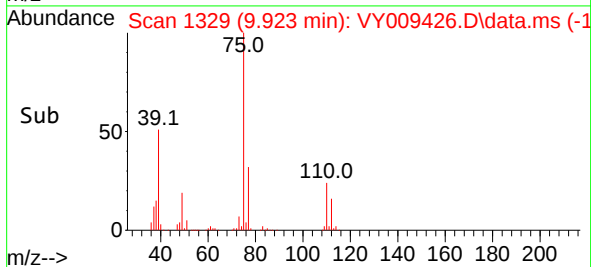
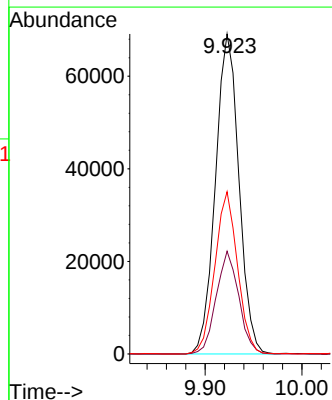
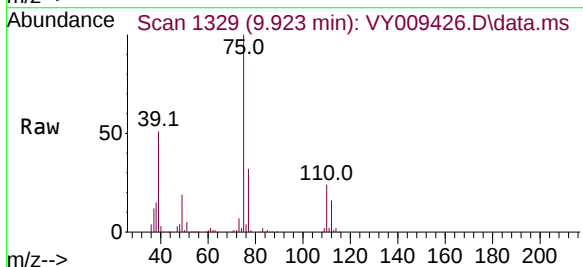
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

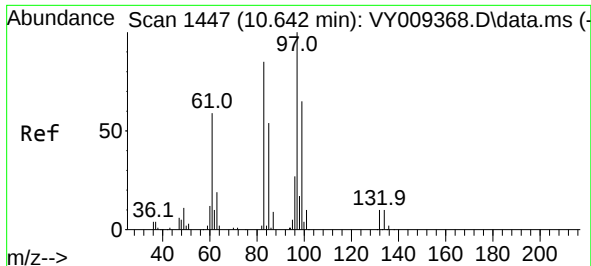
Tgt Ion: 75 Resp: 105880  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.244 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

Tgt Ion: 75 Resp: 116375  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.6 38.4  
 39 50.7 47.6 71.4

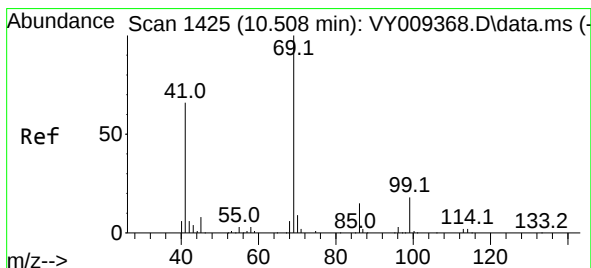
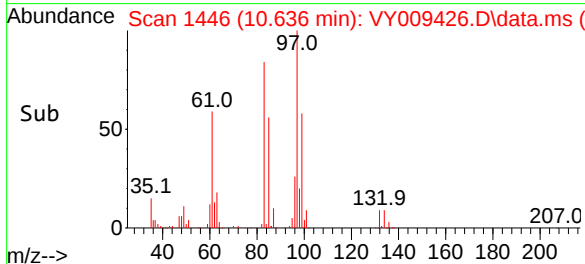
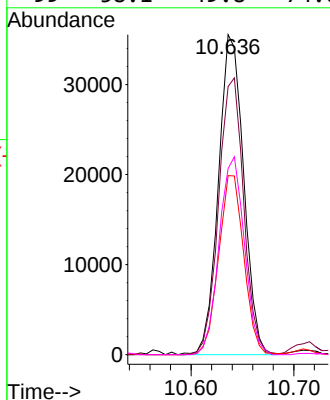
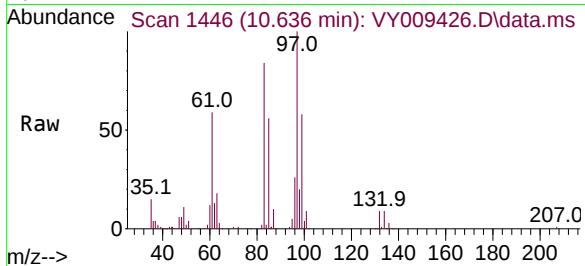




#55  
1,1,2-Trichloroethane  
Concen: 58.823 ug/l  
RT: 10.636 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

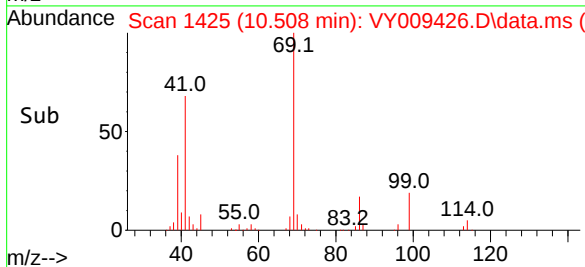
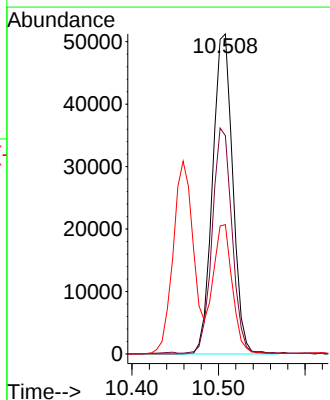
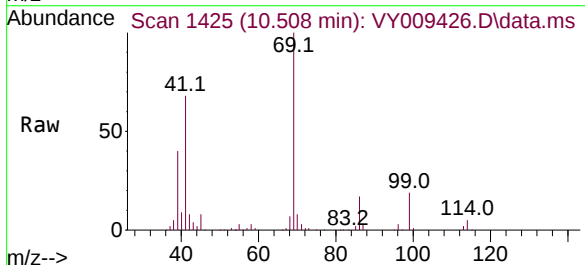
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

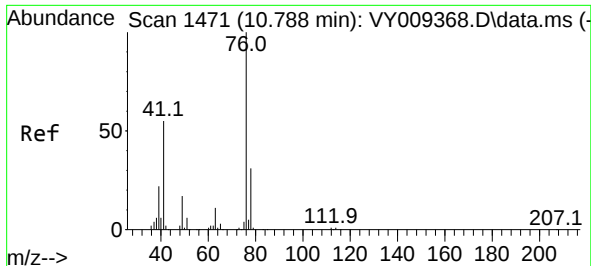
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 60476 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.8     | 69.8 104.8  |
| 85 55.9     | 44.3 66.5   |
| 99 58.1     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 62.983 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 82653 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 69.1     | 63.4 95.0   |
| 39 38.4     | 35.8 53.8   |





#57

1,3-Dichloropropane

Concen: 54.826 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

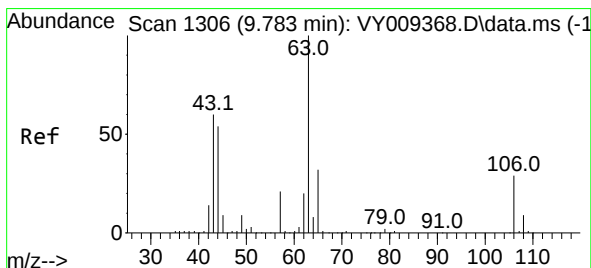
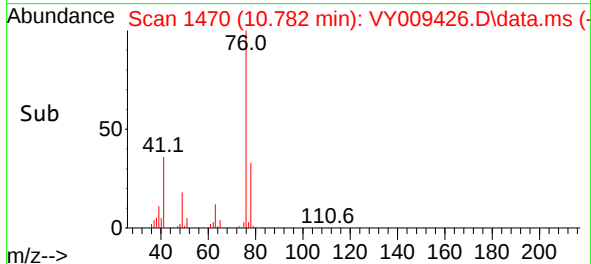
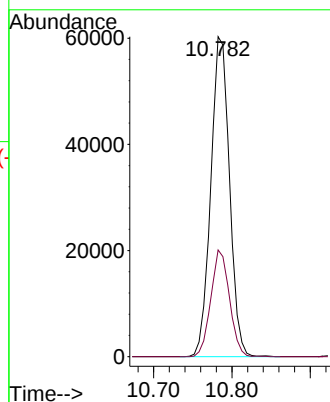
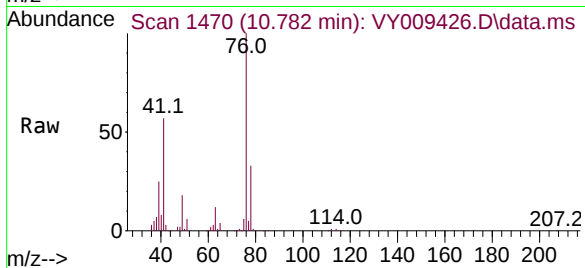
VSTDCCC050EC

Tgt Ion: 76 Resp: 99854

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 285.308 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009426.D

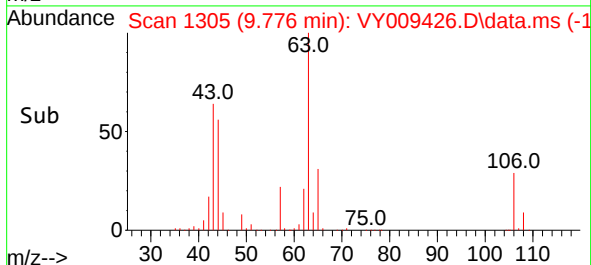
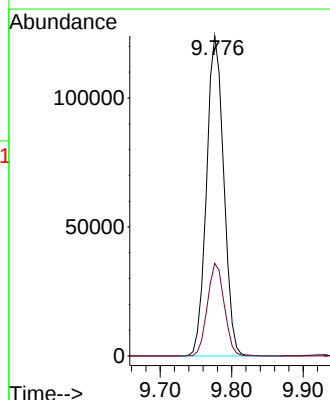
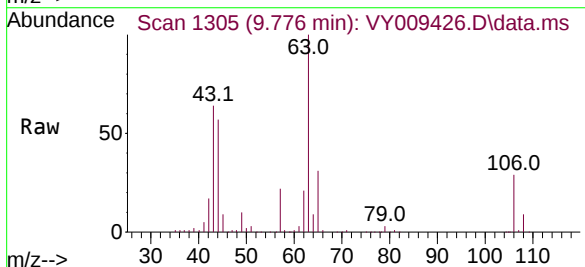
Acq: 01 Jul 2022 16:42

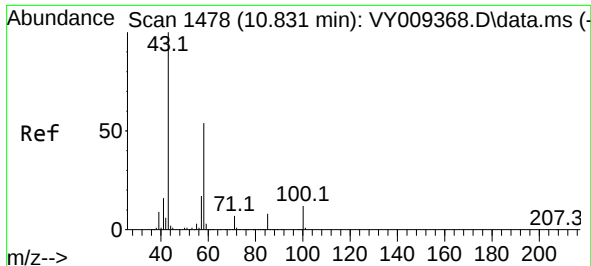
Tgt Ion: 63 Resp: 207300

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

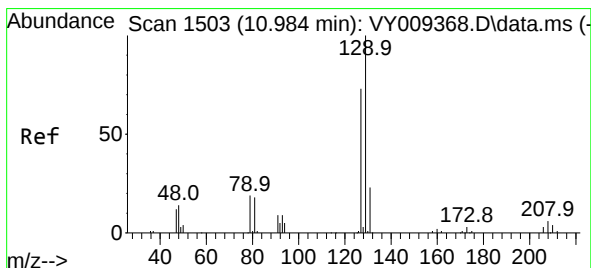
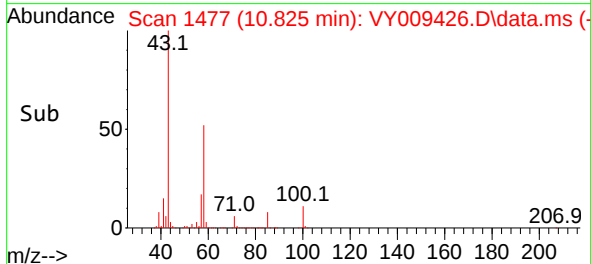
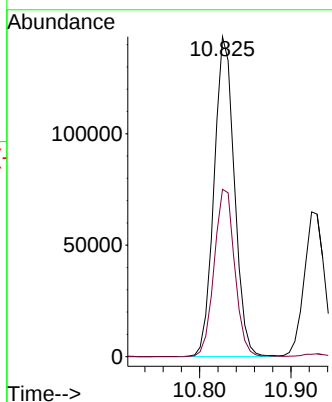
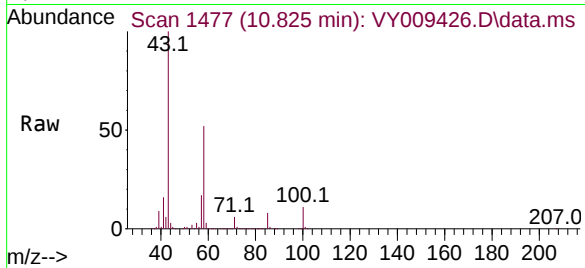




#59  
2-Hexanone  
Concen: 313.775 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

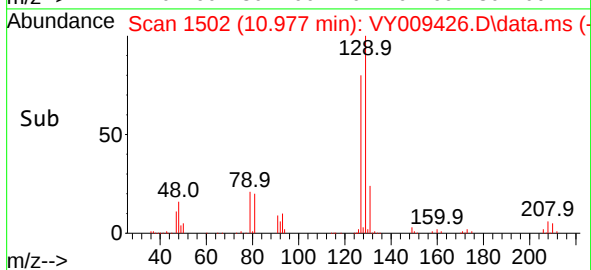
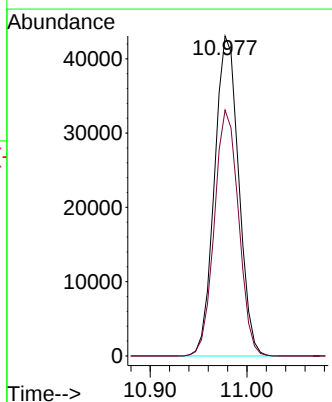
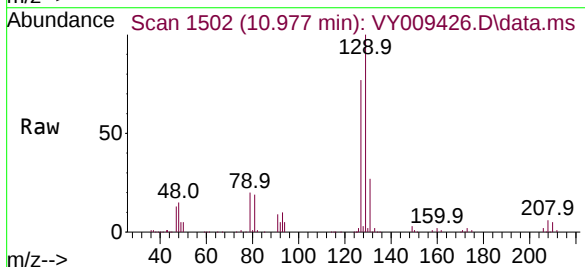
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

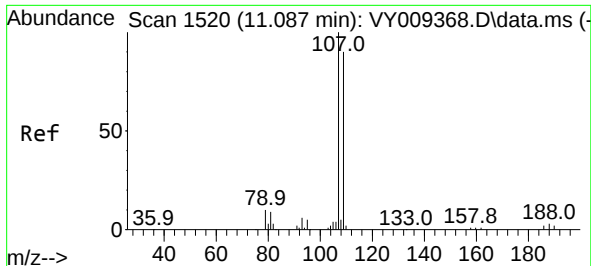
Tgt Ion: 43 Resp: 221571  
Ion Ratio Lower Upper  
43 100  
58 53.1 24.4 73.4



#60  
Dibromochloromethane  
Concen: 57.413 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. -0.007 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 129 Resp: 74700  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.7 116.1

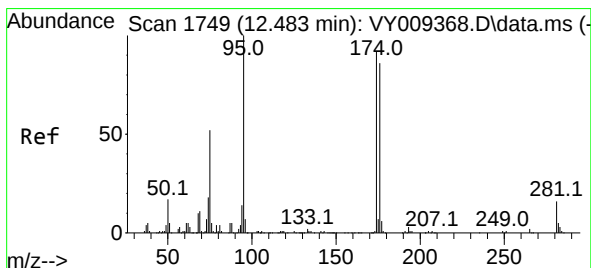
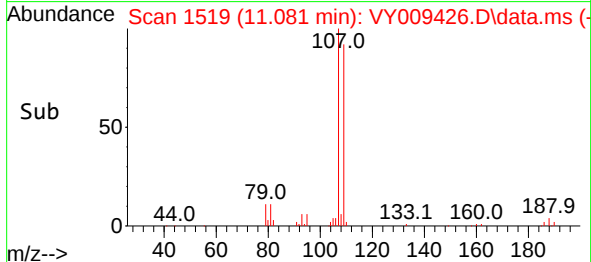
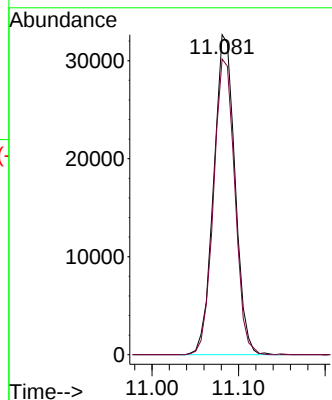
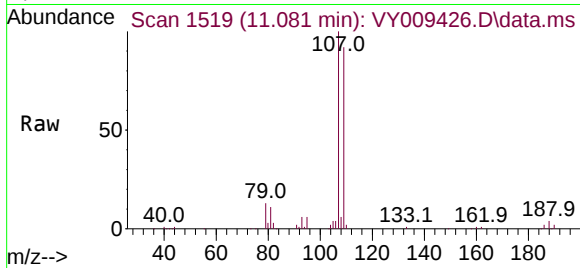




#61  
1,2-Dibromoethane  
Concen: 54.094 ug/l  
RT: 11.081 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

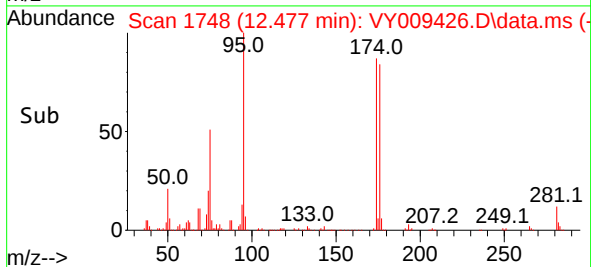
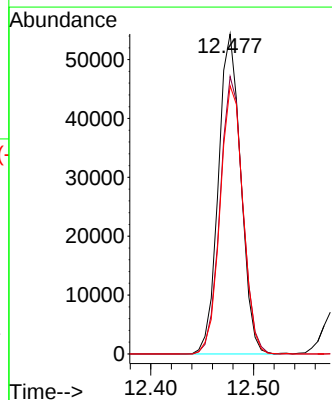
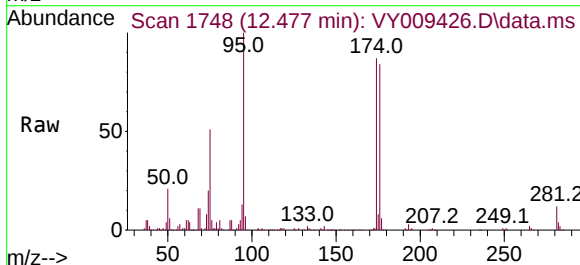
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

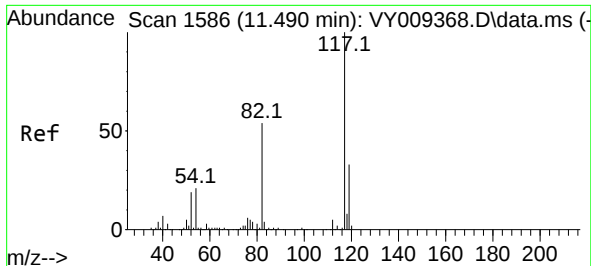
Tgt Ion:107 Resp: 55835  
Ion Ratio Lower Upper  
107 100  
109 92.0 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 54.302 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 95 Resp: 82233  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 177.0  
176 85.3 0.0 175.8

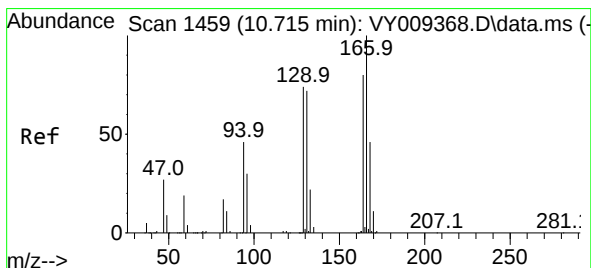
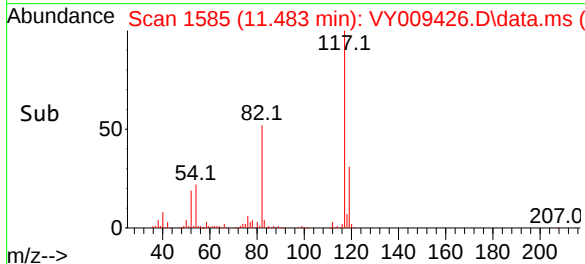
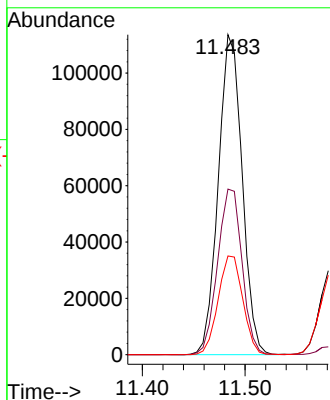
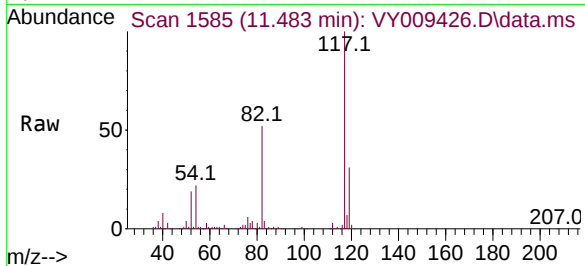




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

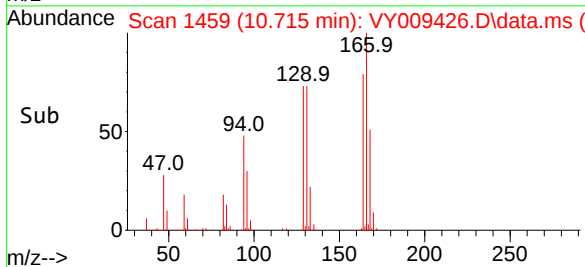
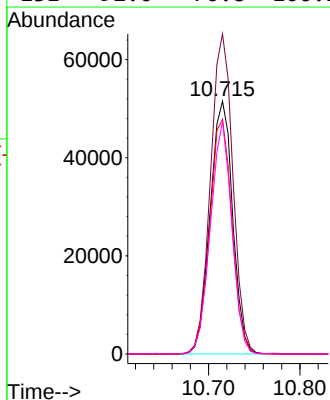
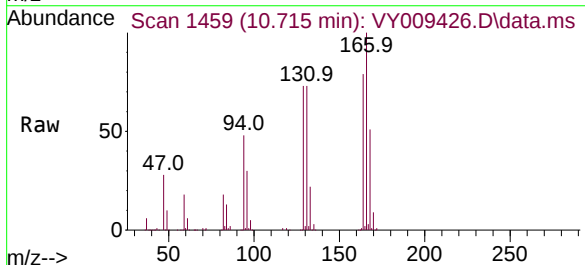
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

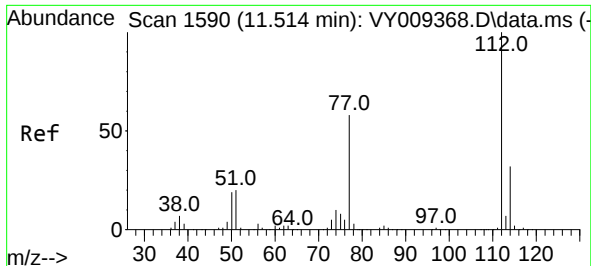
Tgt Ion:117 Resp: 182811  
Ion Ratio Lower Upper  
117 100  
82 51.7 43.0 64.4  
119 30.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 51.793 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion:164 Resp: 88148  
Ion Ratio Lower Upper  
164 100  
166 126.6 100.4 150.6  
129 92.9 71.4 107.0  
131 92.0 70.8 106.2

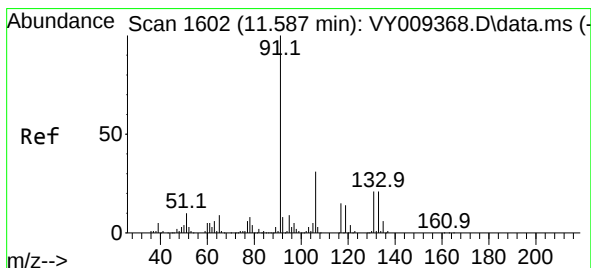
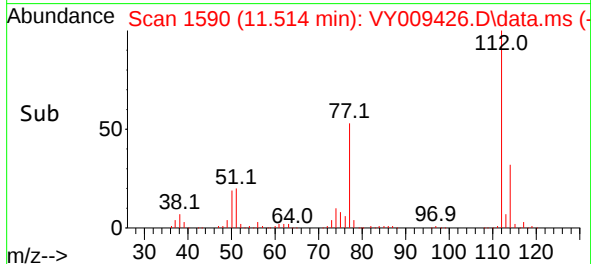
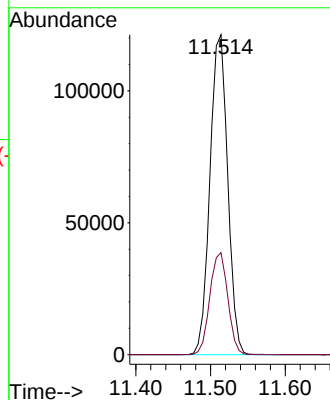
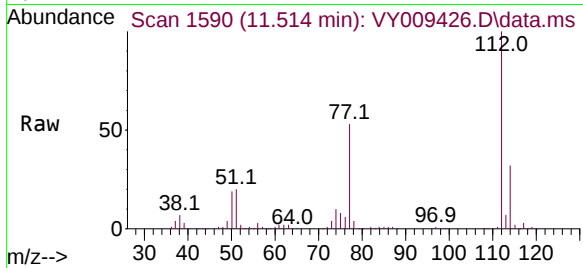




#65  
Chlorobenzene  
Concen: 51.147 ug/l  
RT: 11.514 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

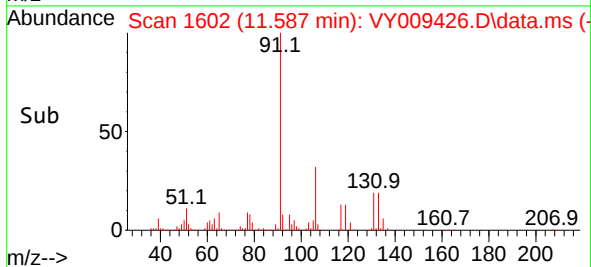
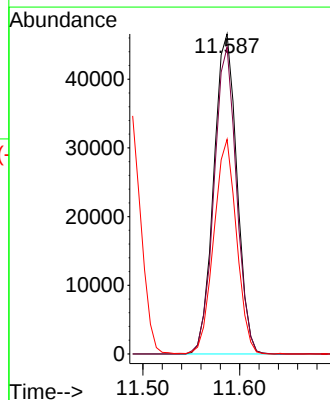
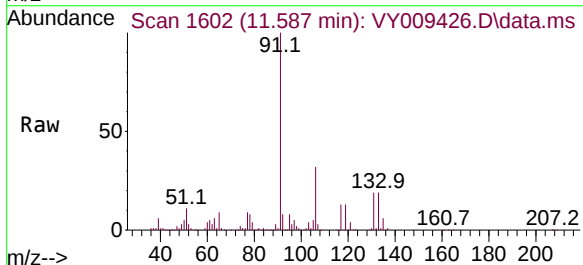
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

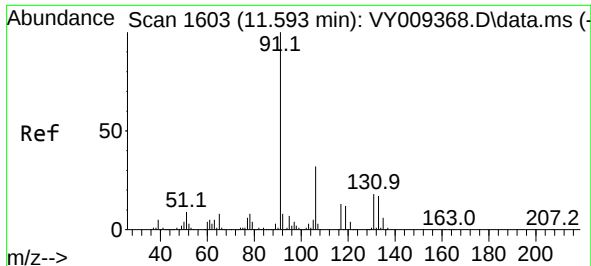
Tgt Ion:112 Resp: 200067  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.809 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion:131 Resp: 77206  
Ion Ratio Lower Upper  
131 100  
133 93.3 47.9 143.6  
119 66.1 30.8 92.3





#67

Ethyl Benzene

Concen: 53.850 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

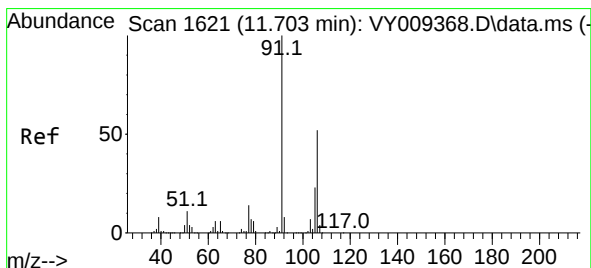
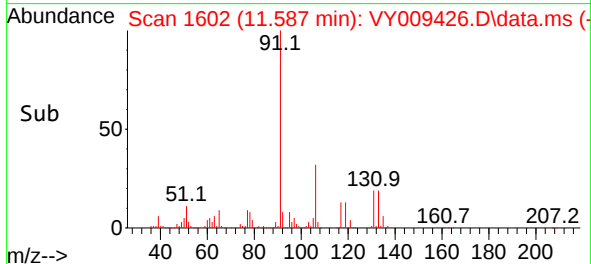
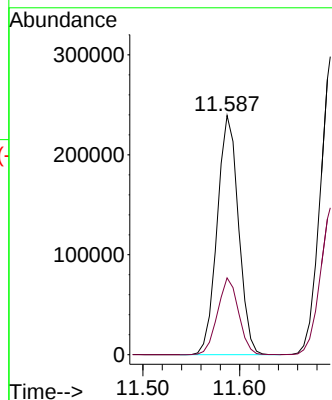
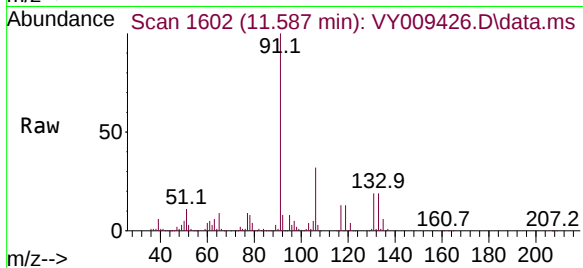
VSTDCCC050EC

Tgt Ion: 91 Resp: 365412

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 107.365 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009426.D

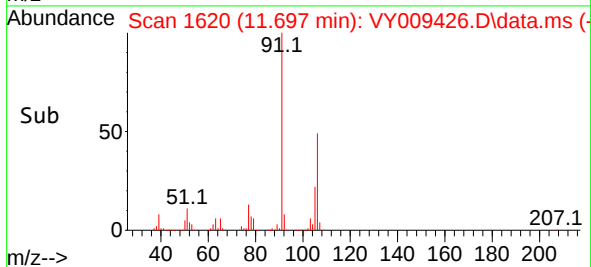
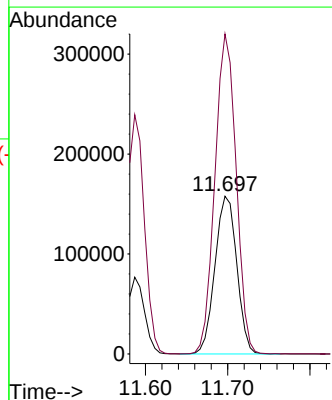
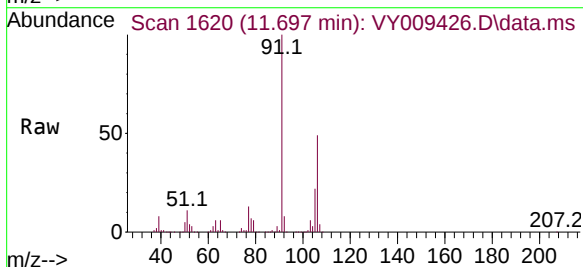
Acq: 01 Jul 2022 16:42

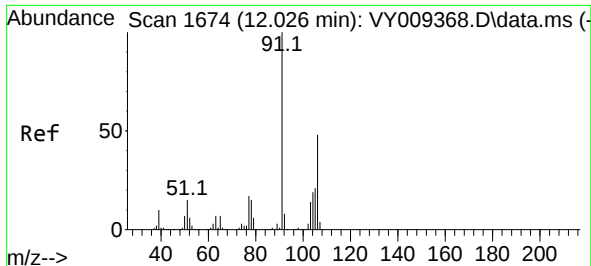
Tgt Ion:106 Resp: 291321

Ion Ratio Lower Upper

106 100

91 197.7 166.6 249.8

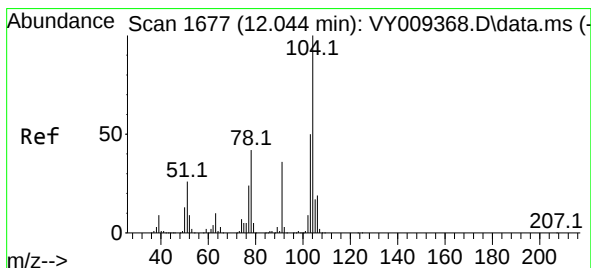
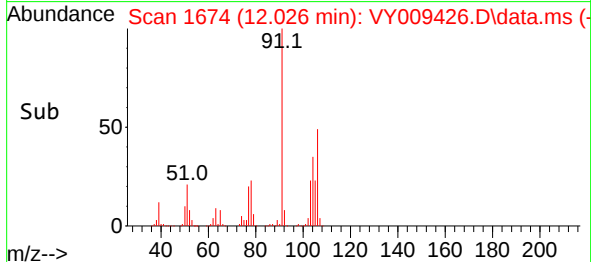
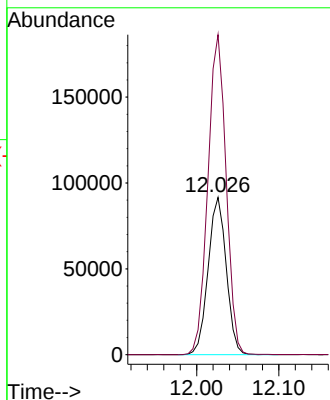
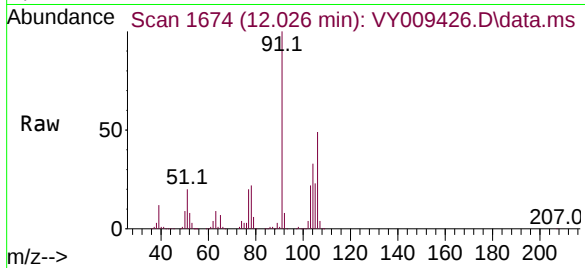




#69  
o-Xylene  
Concen: 54.822 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

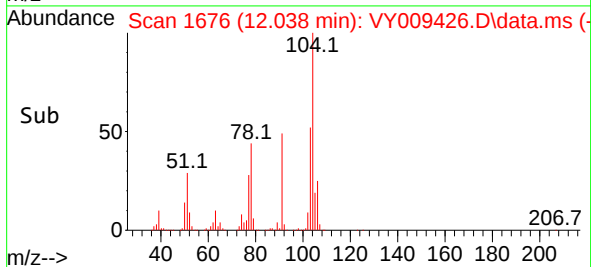
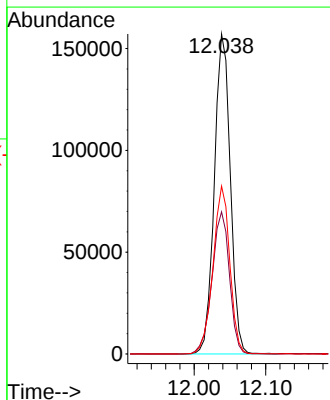
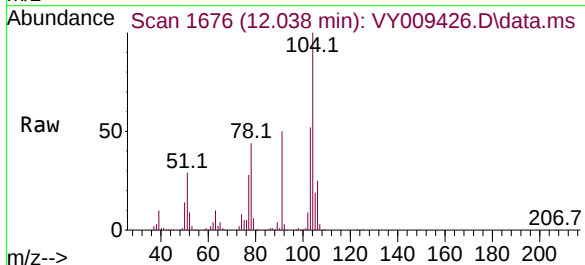
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

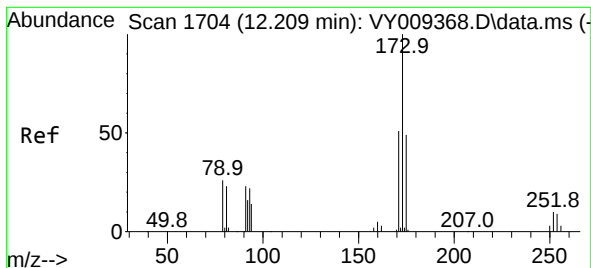
Tgt Ion:106 Resp: 140380  
Ion Ratio Lower Upper  
106 100  
91 204.4 110.3 331.0



#70  
Styrene  
Concen: 57.537 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion:104 Resp: 244106  
Ion Ratio Lower Upper  
104 100  
78 48.4 42.4 63.6  
103 55.1 44.4 66.6





#71

Bromoform

Concen: 57.539 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

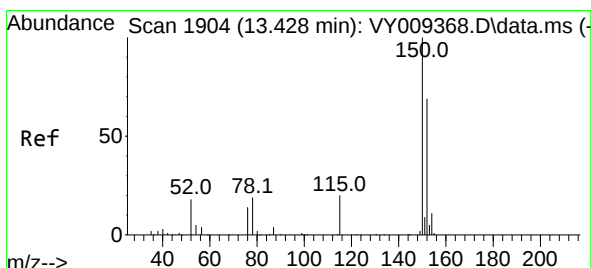
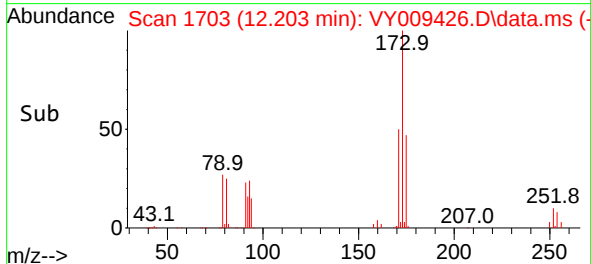
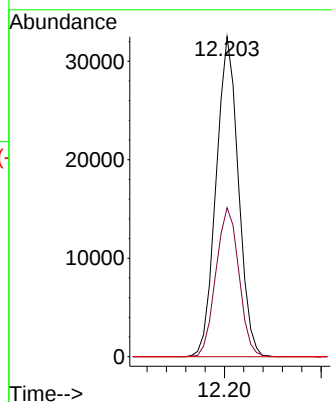
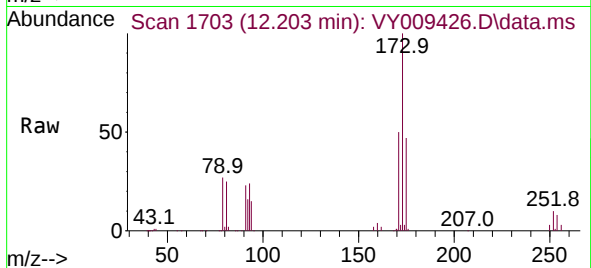
Tgt Ion:173 Resp: 51875

Ion Ratio Lower Upper

173 100

175 48.0 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

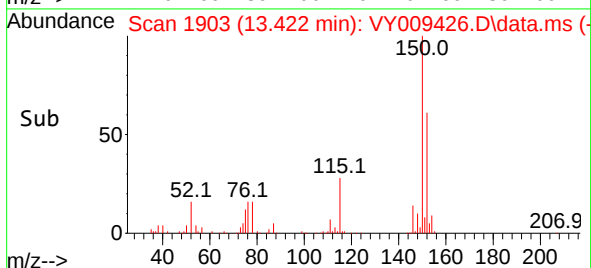
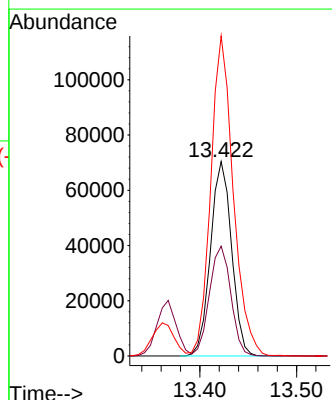
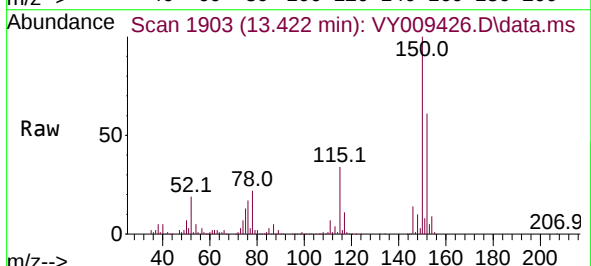
Tgt Ion:152 Resp: 106892

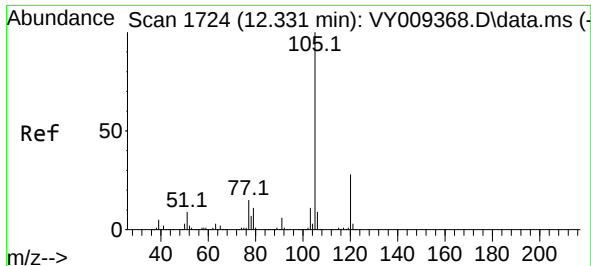
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 175.5 0.0 347.6

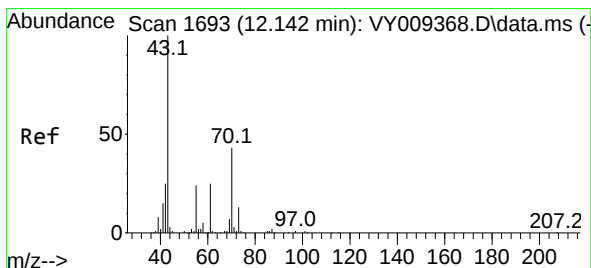
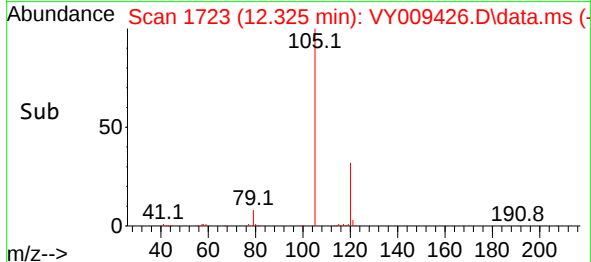
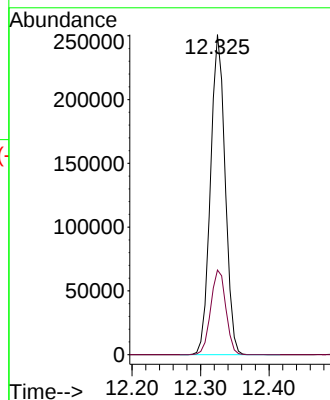
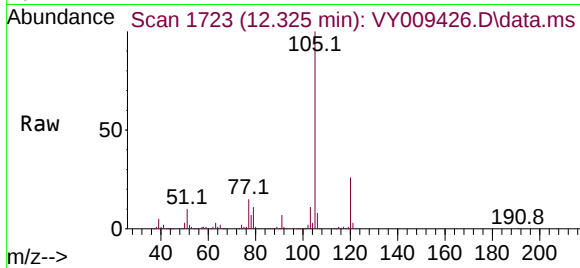




#73  
Isopropylbenzene  
Concen: 47.301 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

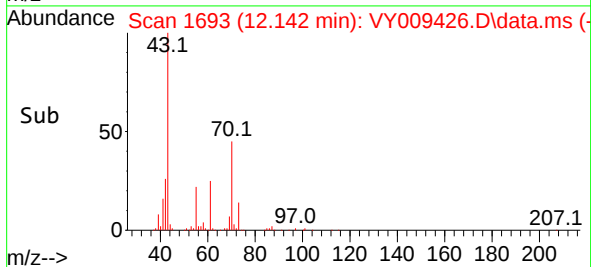
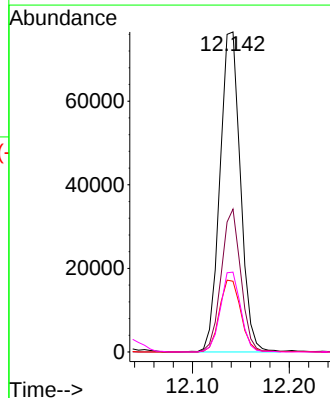
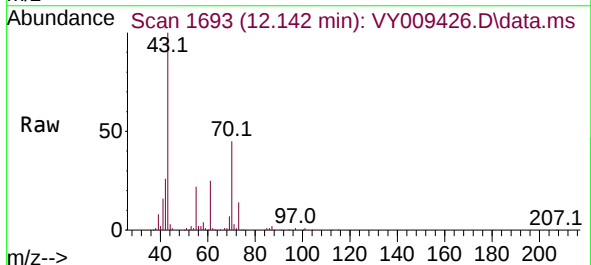
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

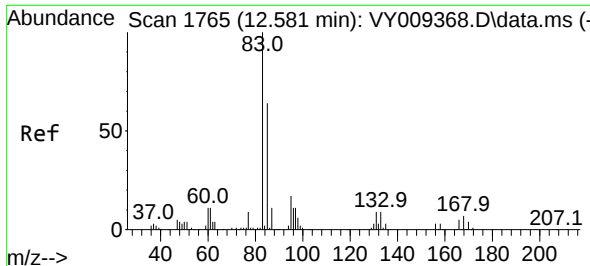
Tgt Ion:105 Resp: 373450  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.4 40.2



#74  
N-ethyl acetate  
Concen: 54.374 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 43 Resp: 112609  
Ion Ratio Lower Upper  
43 100  
70 42.7 28.7 43.1  
55 23.5 17.3 25.9  
61 24.6 17.0 25.6

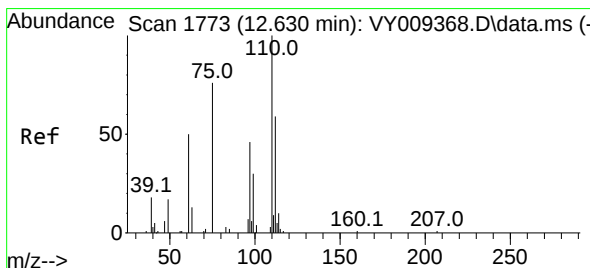
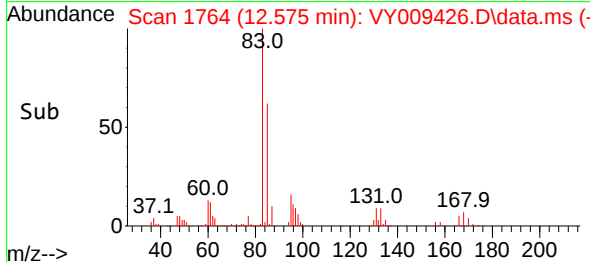
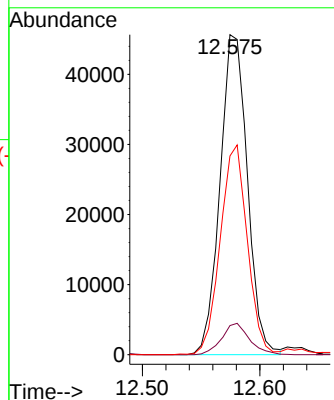
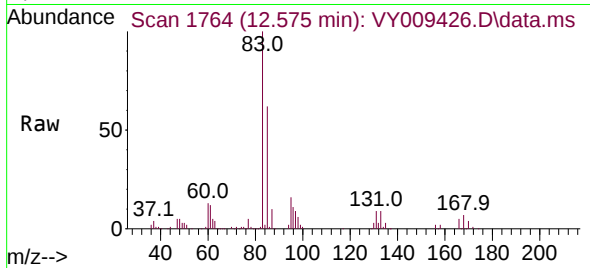




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.346 ug/l  
 RT: 12.575 min Scan# 1764  
 Delta R.T. -0.006 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

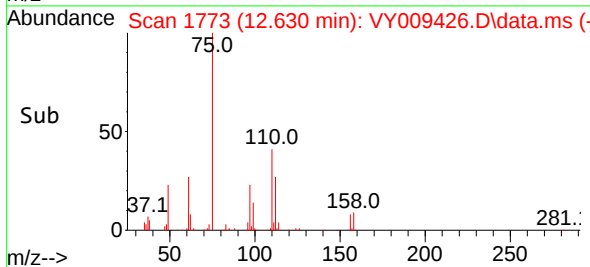
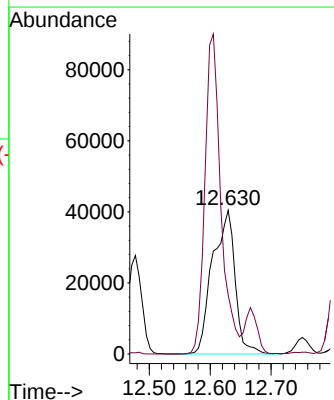
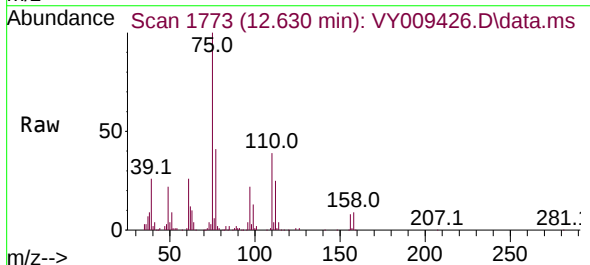
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

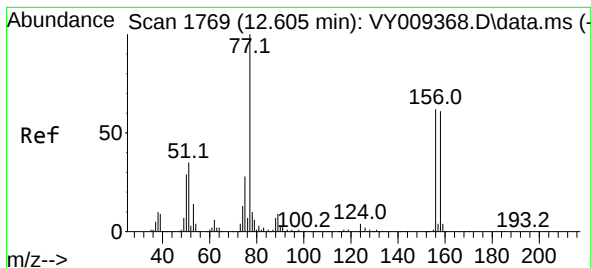
Tgt Ion: 83 Resp: 73940  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 5.6 16.8  
 85 64.9 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 83.243 ug/l  
 RT: 12.630 min Scan# 1773  
 Delta R.T. -0.001 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

Tgt Ion: 75 Resp: 104203  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.037 ug/l

RT: 12.605 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

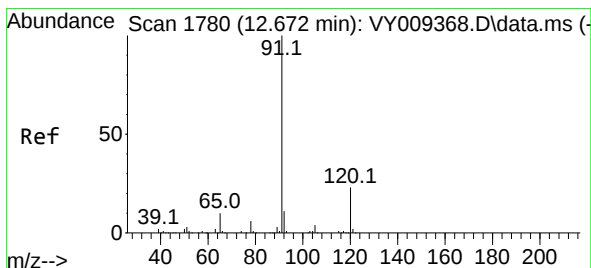
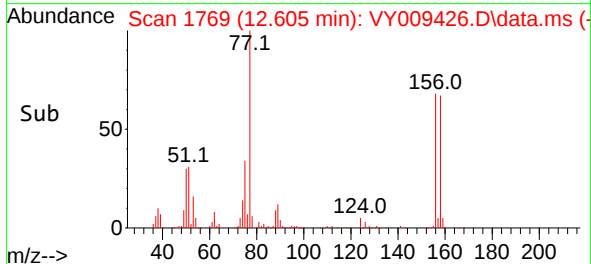
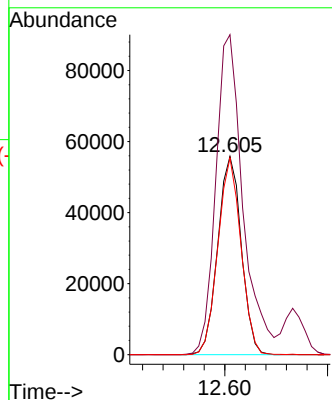
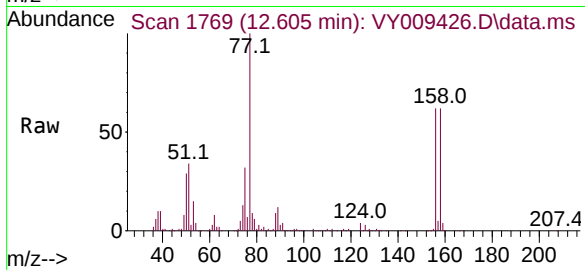
Tgt Ion:156 Resp: 88529

Ion Ratio Lower Upper

156 100

77 185.9 95.5 286.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 49.163 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY009426.D

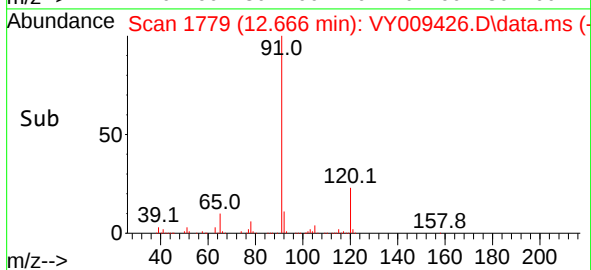
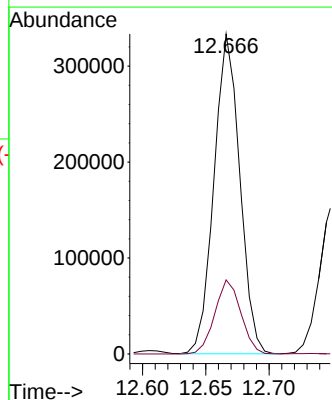
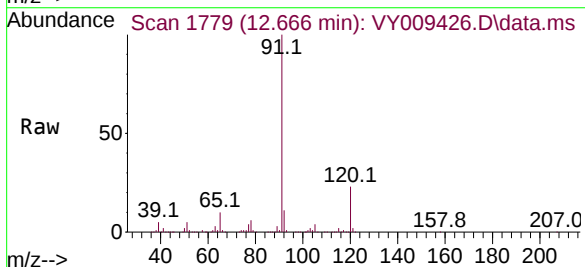
Acq: 01 Jul 2022 16:42

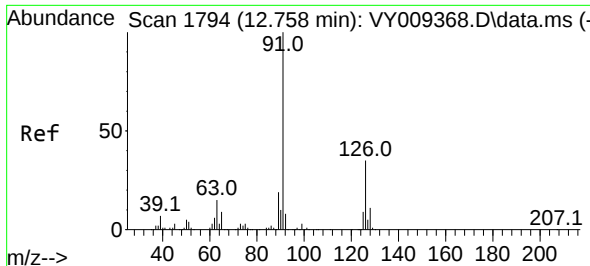
Tgt Ion: 91 Resp: 472168

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9

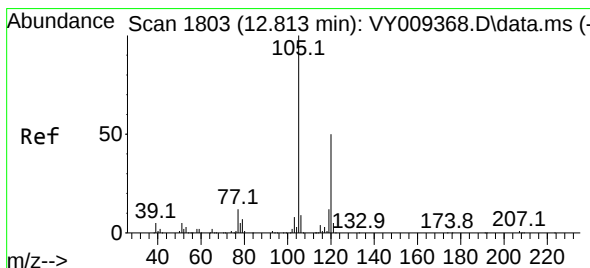
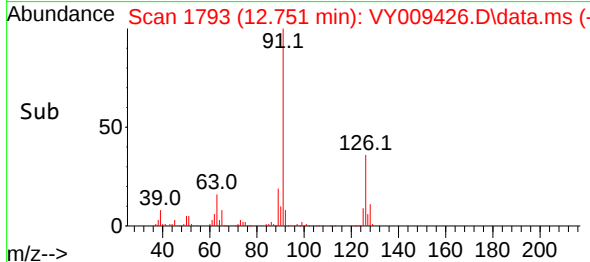
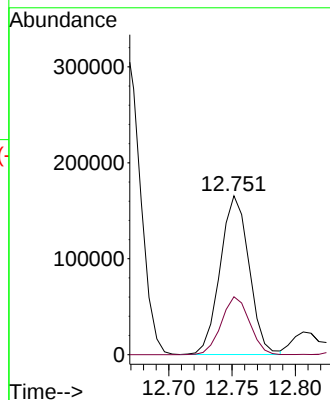
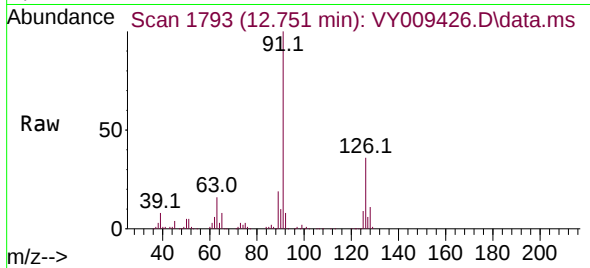




#79  
2-Chlorotoluene  
Concen: 48.490 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

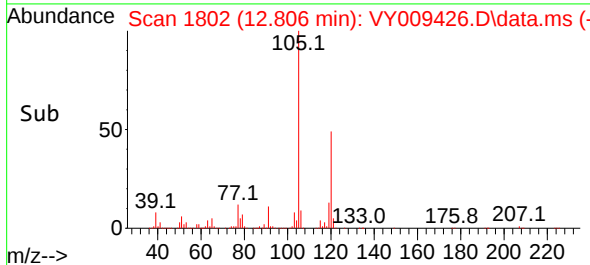
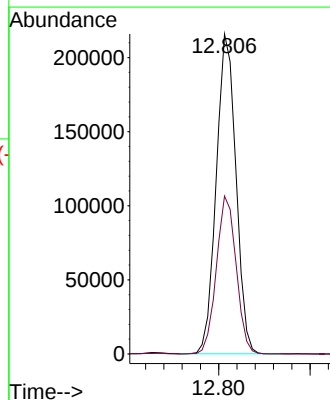
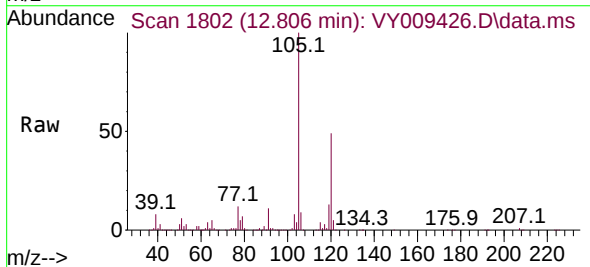
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

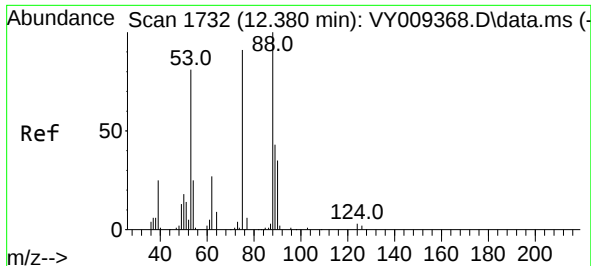
Tgt Ion: 91 Resp: 262871  
Ion Ratio Lower Upper  
91 100  
126 35.6 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 48.931 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 105 Resp: 323065  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.4 73.4

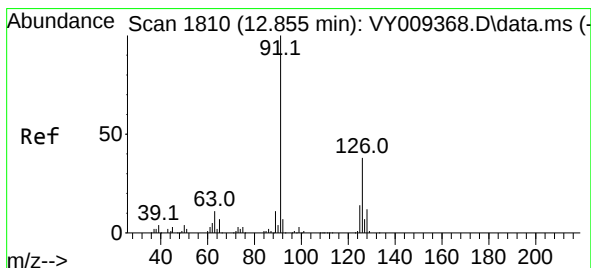
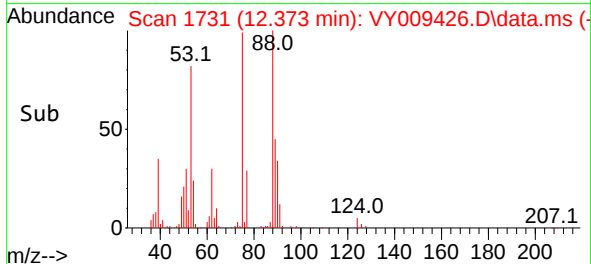
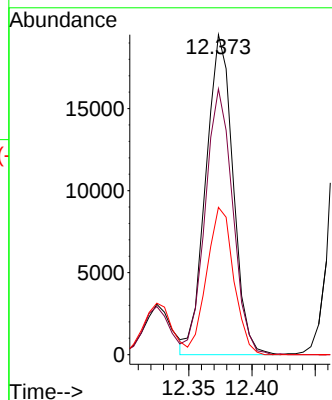
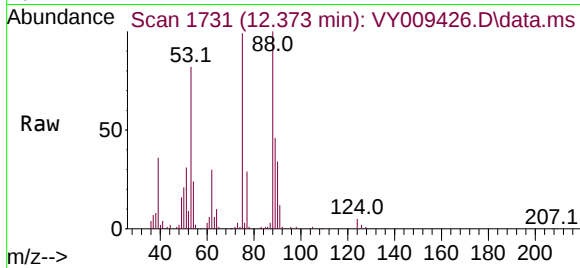




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.961 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. -0.001 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

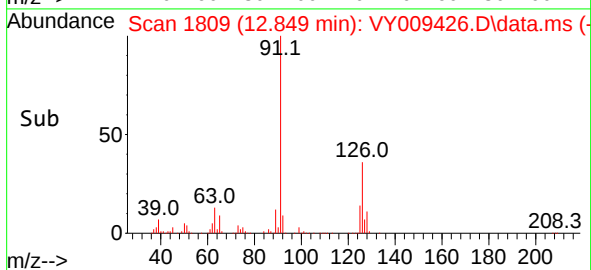
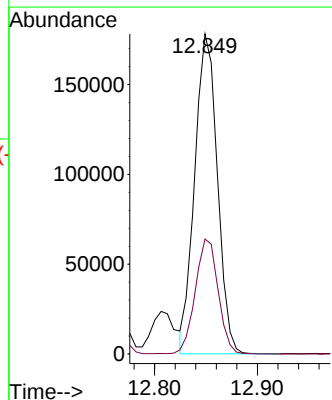
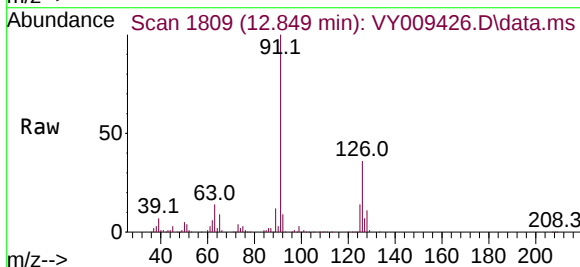
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

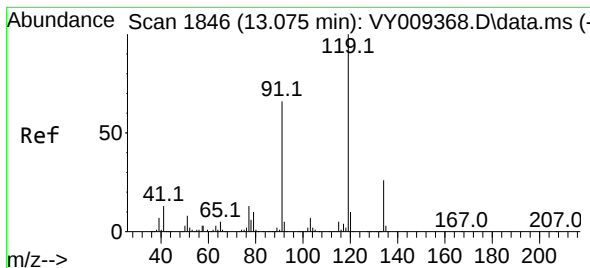
Tgt Ion: 75 Resp: 29214  
Ion Ratio Lower Upper  
75 100  
53 84.1 85.3 127.9#  
89 45.4 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 48.431 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 91 Resp: 272844  
Ion Ratio Lower Upper  
91 100  
126 36.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.681 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

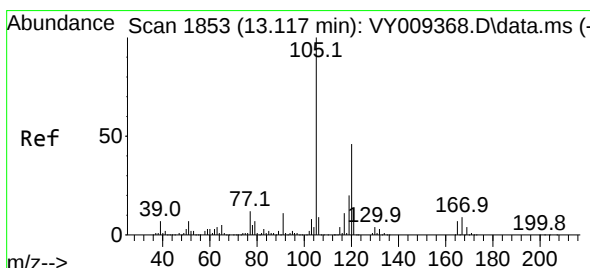
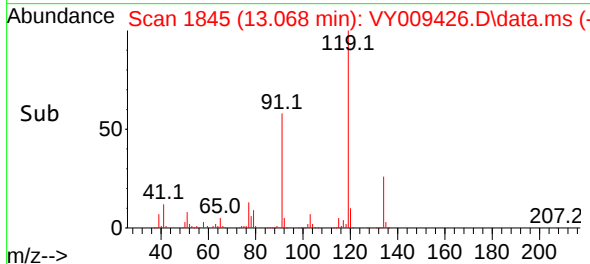
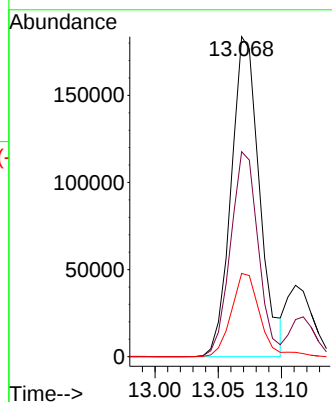
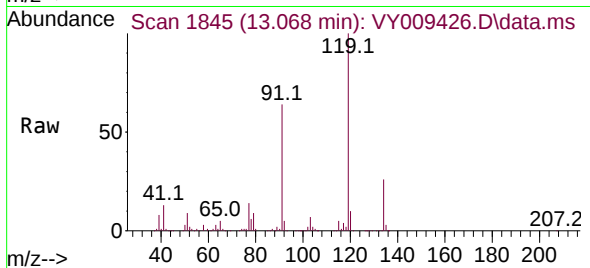
Tgt Ion:119 Resp: 286686

Ion Ratio Lower Upper

119 100

91 62.8 34.8 104.4

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.668 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009426.D

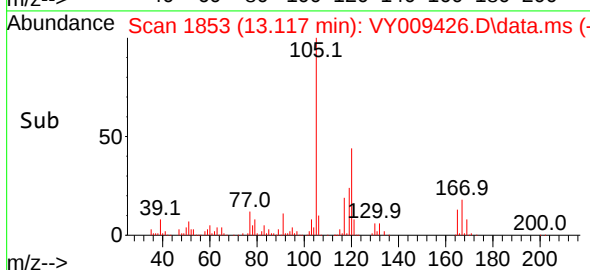
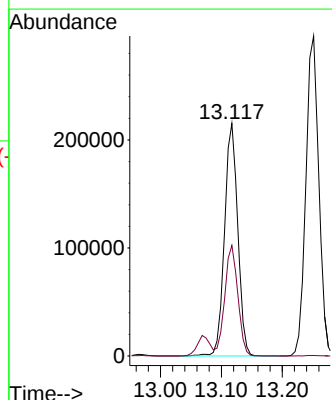
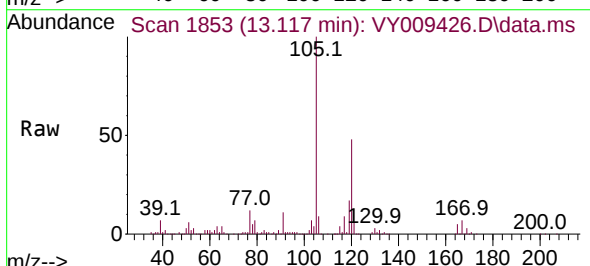
Acq: 01 Jul 2022 16:42

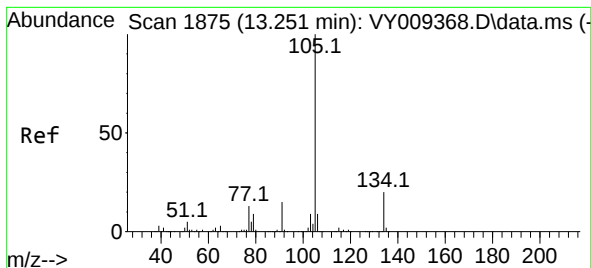
Tgt Ion:105 Resp: 324176

Ion Ratio Lower Upper

105 100

120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.164 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

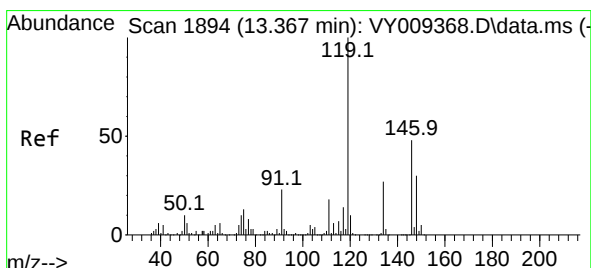
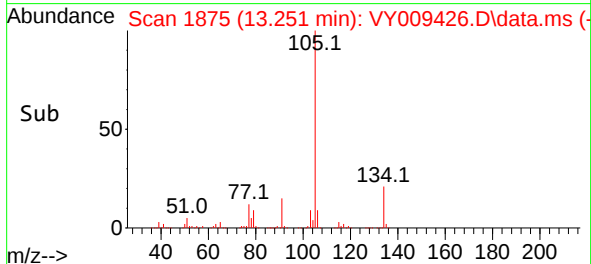
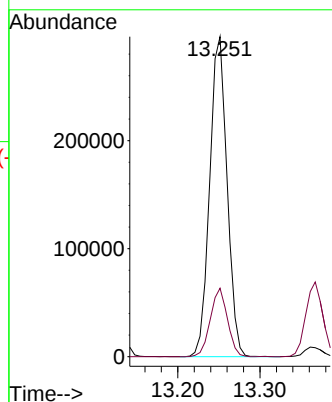
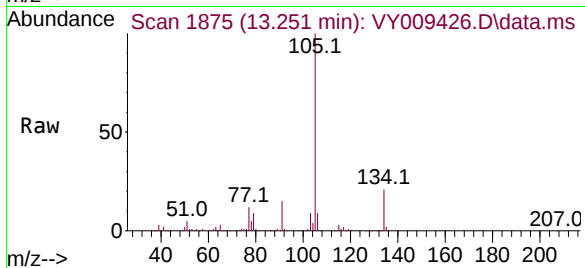
VSTDCCC050EC

Tgt Ion:105 Resp: 435832

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.450 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

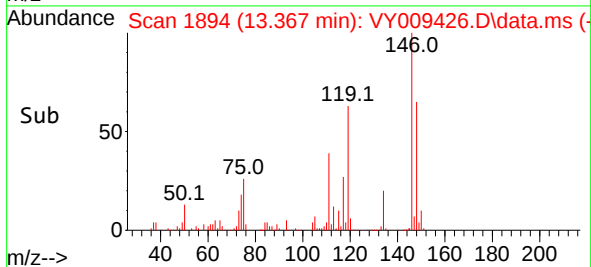
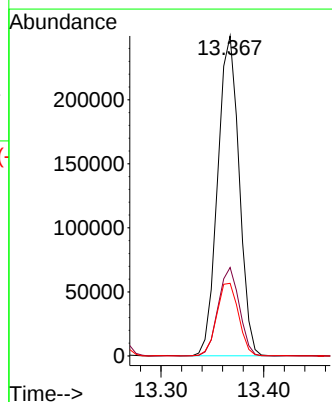
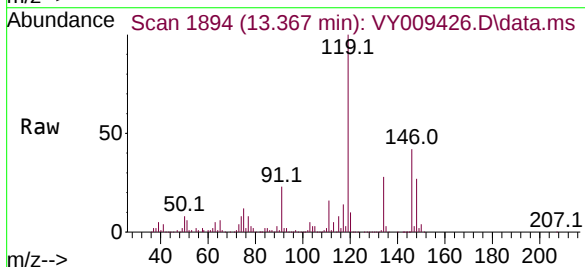
Tgt Ion:119 Resp: 361483

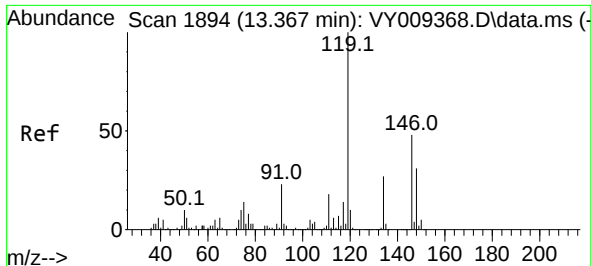
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 23.2 12.4 37.2

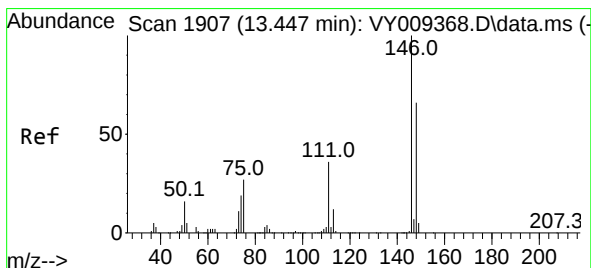
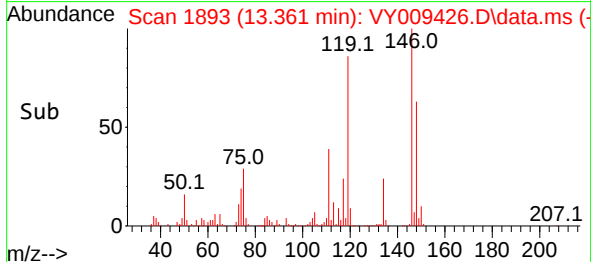
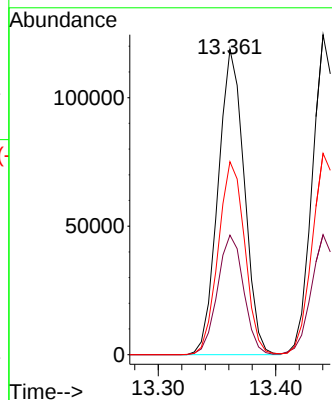
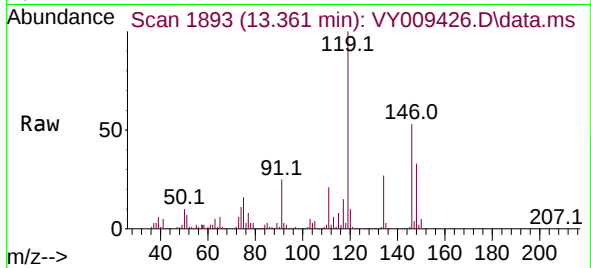




#87  
 1,3-Dichlorobenzene  
 Concen: 49.544 ug/l  
 RT: 13.361 min Scan# 1893  
 Delta R.T. 0.000 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

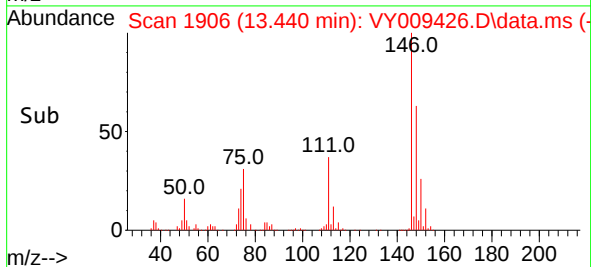
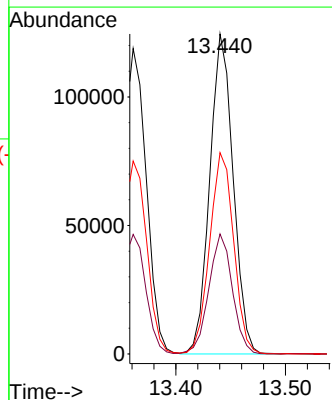
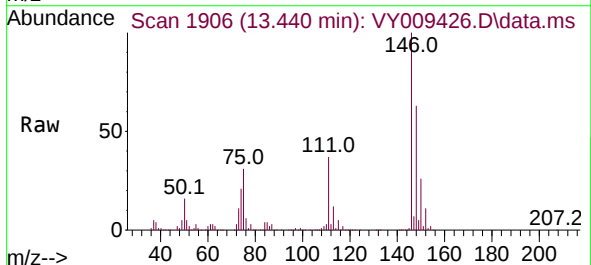
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

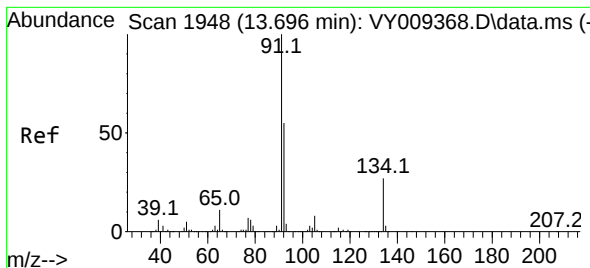
Tgt Ion:146 Resp: 184221  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 19.5 58.5  
 148 63.9 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 48.385 ug/l  
 RT: 13.440 min Scan# 1906  
 Delta R.T. 0.000 min  
 Lab File: VY009426.D  
 Acq: 01 Jul 2022 16:42

Tgt Ion:146 Resp: 185129  
 Ion Ratio Lower Upper  
 146 100  
 111 37.6 19.3 57.8  
 148 64.5 32.6 97.8





#89

n-Butylbenzene

Concen: 52.172 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

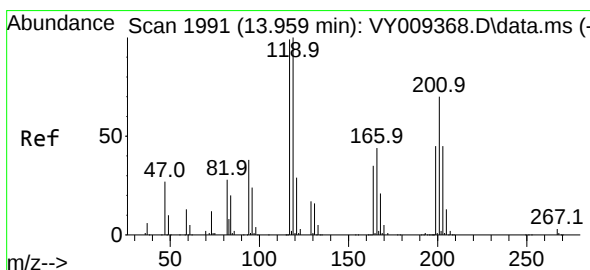
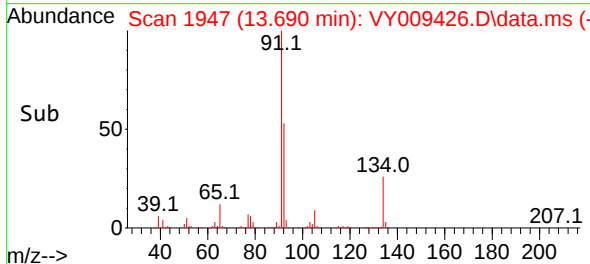
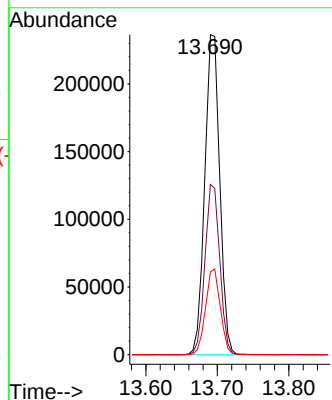
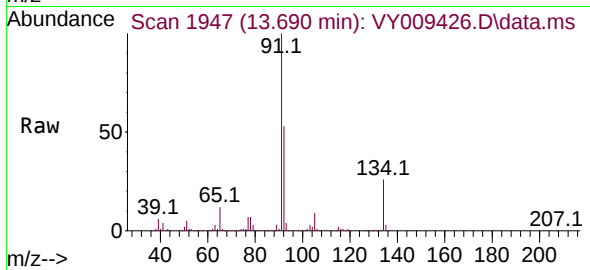
Tgt Ion: 91 Resp: 344411

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 49.010 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009426.D

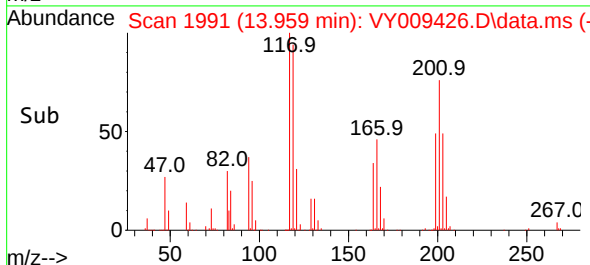
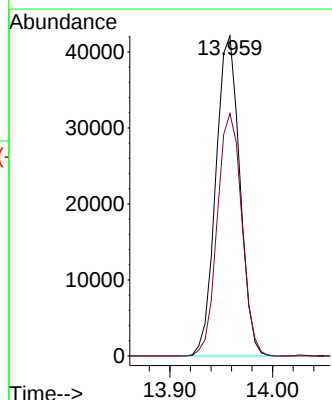
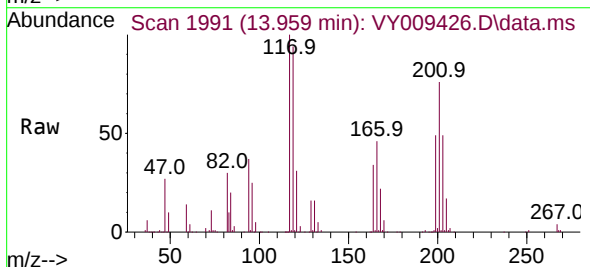
Acq: 01 Jul 2022 16:42

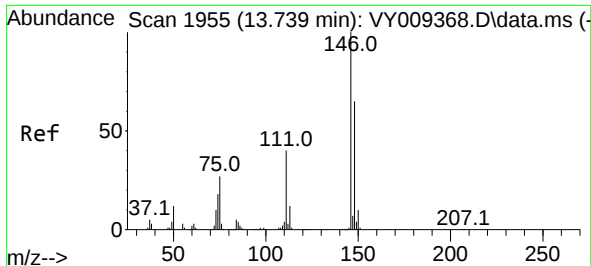
Tgt Ion: 117 Resp: 68270

Ion Ratio Lower Upper

117 100

201 77.2 43.0 128.8

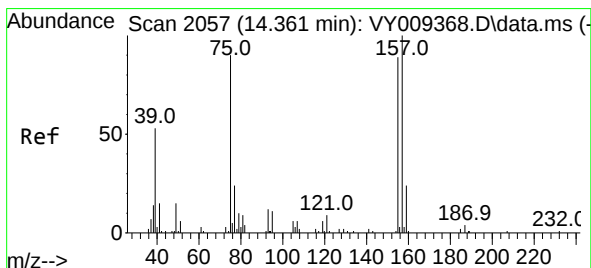
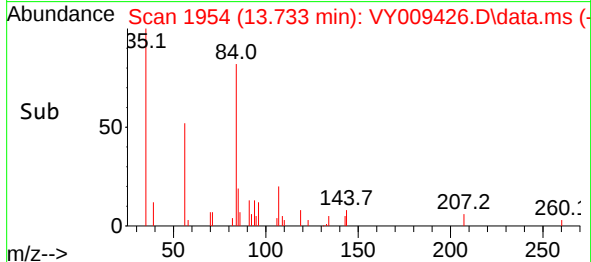
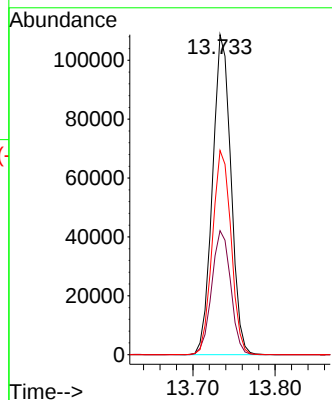
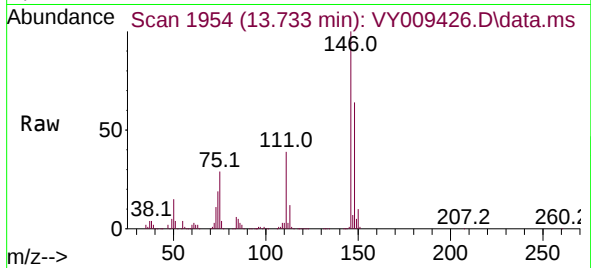




#91  
1,2-Dichlorobenzene  
Concen: 50.117 ug/l  
RT: 13.733 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

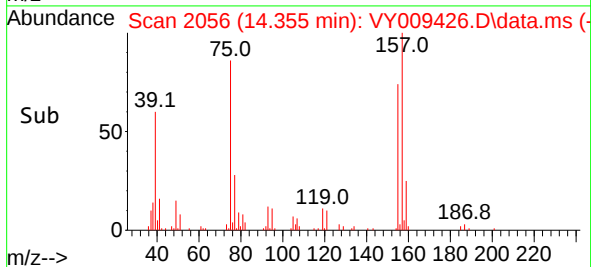
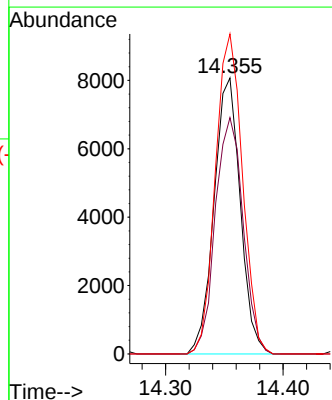
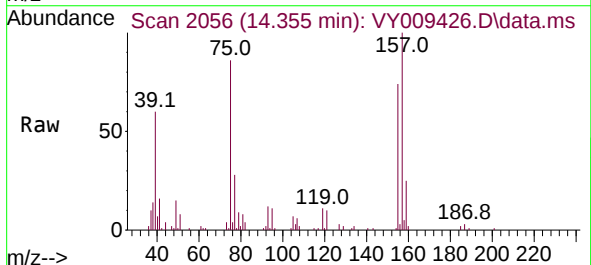
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

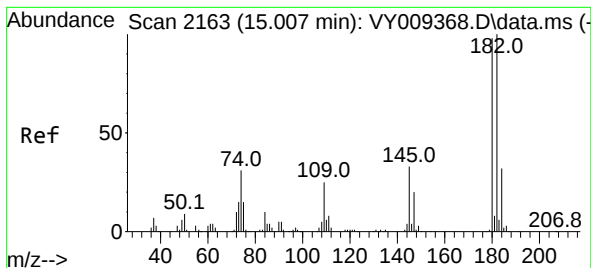
Tgt Ion:146 Resp: 169016  
Ion Ratio Lower Upper  
146 100  
111 39.8 20.3 60.9  
148 64.9 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.888 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion: 75 Resp: 12531  
Ion Ratio Lower Upper  
75 100  
155 90.6 38.0 113.9  
157 119.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.939 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

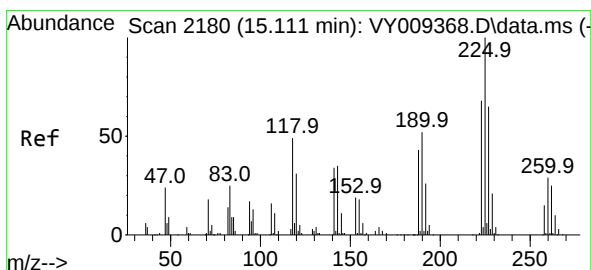
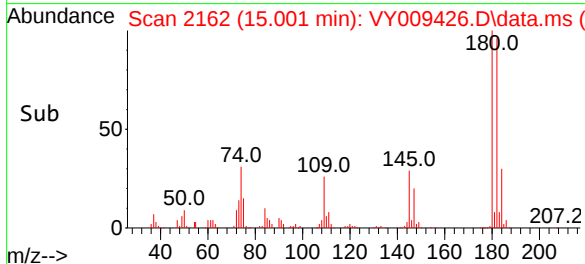
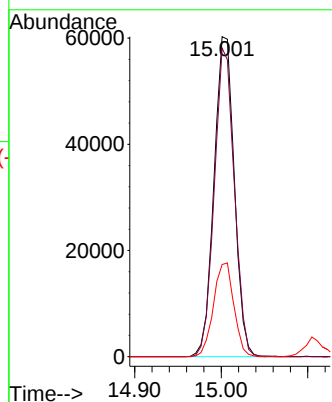
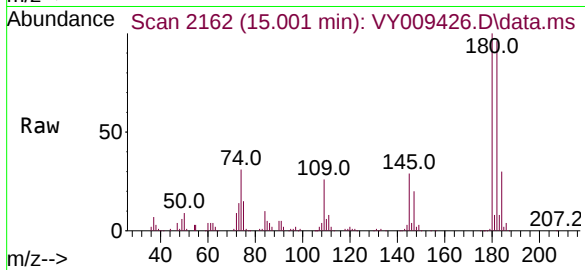
Tgt Ion:180 Resp: 97970

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.527 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY009426.D

Acq: 01 Jul 2022 16:42

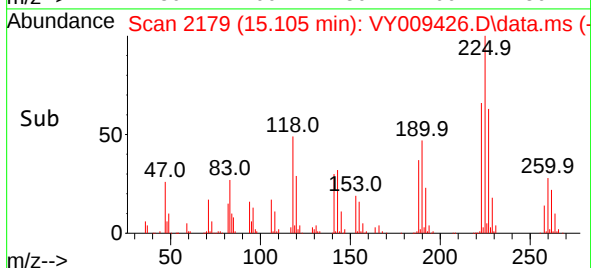
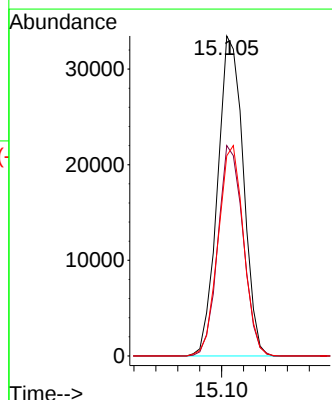
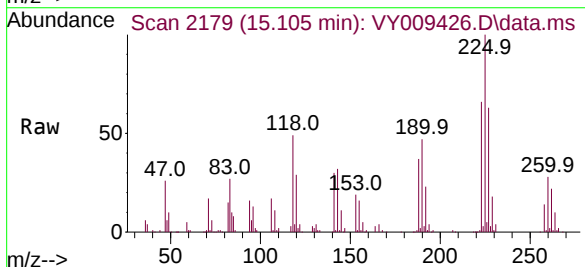
Tgt Ion:225 Resp: 54535

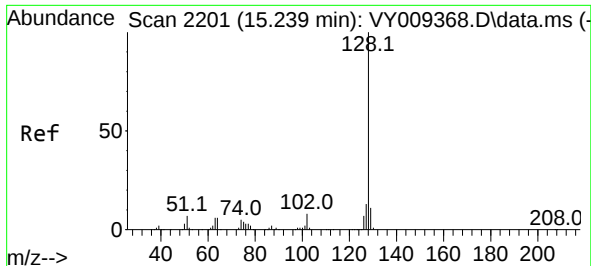
Ion Ratio Lower Upper

225 100

223 64.4 30.8 92.3

227 64.9 31.6 94.7

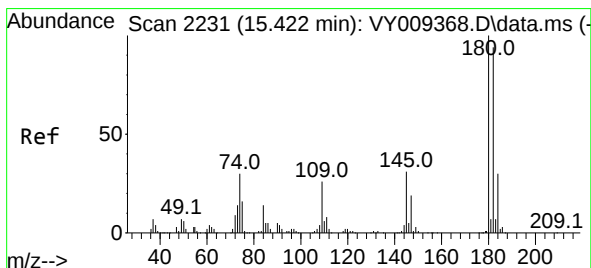
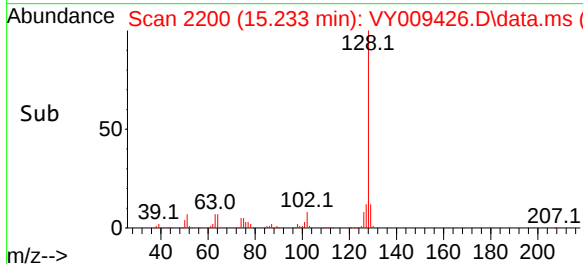
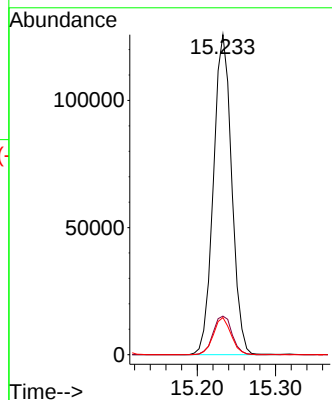
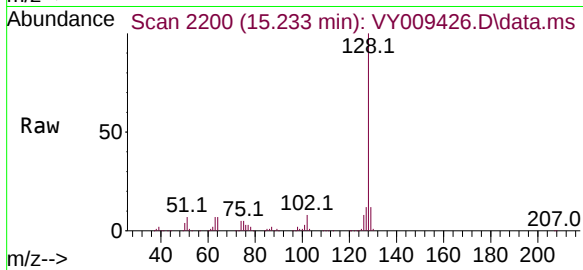




#95  
Naphthalene  
Concen: 50.905 ug/l  
RT: 15.233 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 204032  
Ion Ratio Lower Upper  
128 100  
127 12.6 11.0 16.4  
129 11.2 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 45.928 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY009426.D  
Acq: 01 Jul 2022 16:42

Tgt Ion:180 Resp: 79878  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.3 141.9  
145 30.3 15.3 45.9

