

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040822\  
 Data File : VY008260.D  
 Acq On : 08 Apr 2022 15:26  
 Operator : KP/MD  
 Sample : VSTDICC010  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC010

Quant Time: Apr 08 15:39:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 15:38:38 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.789  | 168   | 103971   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 187470   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 179333   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 86812    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.143  | 65    | 12186    | 11.957   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 23.920%# |
| 35) Dibromofluoromethane     | 7.716  | 113   | 12683    | 11.173   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 22.340%# |
| 50) Toluene-d8               | 10.179 | 98    | 42874    | 10.696   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 21.400%# |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 16376    | 11.209   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 22.420%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 10349    | 11.949   | ug/l   | 97       |
| 3) Chloromethane             | 2.113  | 50    | 14472    | 12.513   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.253  | 62    | 18053    | 11.700   | ug/l   | 96       |
| 5) Bromomethane              | 2.650  | 94    | 18030    | 13.362   | ug/l   | 94       |
| 6) Chloroethane              | 2.796  | 64    | 12627    | 11.696   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 20069    | 10.844   | ug/l   | 91       |
| 8) Diethyl Ether             | 3.528  | 74    | 7801     | 12.033   | ug/l   | 74       |
| 9) 1,1,2-Trichlorotrifluo... | 3.906  | 101   | 13111    | 10.891   | ug/l   | 93       |
| 10) Methyl Iodide            | 4.088  | 142   | 9628     | 7.617    | ug/l   | 91       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 6315     | 57.604   | ug/l # | 92       |
| 12) 1,1-Dichloroethene       | 3.869  | 96    | 12089    | 11.368   | ug/l   | 81       |
| 13) Acrolein                 | 3.729  | 56    | 3489     | 41.535   | ug/l   | 97       |
| 14) Allyl chloride           | 4.473  | 41    | 15742    | 11.314   | ug/l # | 92       |
| 15) Acrylonitrile            | 5.168  | 53    | 18192    | 57.025   | ug/l   | 99       |
| 16) Acetone                  | 3.954  | 43    | 13638    | 56.173   | ug/l # | 85       |
| 17) Carbon Disulfide         | 4.192  | 76    | 31677    | 11.234   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.479  | 43    | 8454     | 10.472   | ug/l # | 78       |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 37489    | 11.387   | ug/l   | 92       |
| 20) Methylene Chloride       | 4.716  | 84    | 21564    | 13.469   | ug/l # | 81       |
| 21) trans-1,2-Dichloroethene | 5.222  | 96    | 14917    | 11.717   | ug/l # | 80       |
| 22) Diisopropyl ether        | 6.112  | 45    | 38023    | 11.488   | ug/l # | 93       |
| 23) Vinyl Acetate            | 6.058  | 43    | 120002   | 58.623   | ug/l # | 89       |
| 24) 1,1-Dichloroethane       | 6.009  | 63    | 24226    | 11.460   | ug/l   | 98       |
| 25) 2-Butanone               | 6.984  | 43    | 21556    | 56.644   | ug/l # | 83       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 21086    | 10.779   | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 6.984  | 96    | 17089    | 11.176   | ug/l   | 80       |
| 28) Bromochloromethane       | 7.332  | 49    | 8338     | 10.122   | ug/l # | 77       |
| 29) Tetrahydrofuran          | 7.350  | 42    | 14014    | 56.979   | ug/l # | 71       |
| 30) Chloroform               | 7.509  | 83    | 26200    | 11.211   | ug/l   | 98       |
| 31) Cyclohexane              | 7.789  | 56    | 21552    | 11.672   | ug/l # | 79       |
| 32) 1,1,1-Trichloroethane    | 7.704  | 97    | 22079    | 10.696   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 18698    | 10.321   | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.076  | 43    | 10448    | 11.414   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 18835    | 9.695    | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.185  | 83    | 24234    | 10.392   | ug/l   | 88       |
| 40) Benzene                  | 8.161  | 78    | 58245    | 10.936   | ug/l   | 97       |

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 ALS Vial : 12 Sample Multiplier: 1

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 4761     | 6.605   | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 16927    | 10.938  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 18572    | 10.853  | ug/l # | 84       |
| 44) Trichloroethene           | 8.941  | 130  | 15753    | 10.230  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 13990    | 10.700  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 9234     | 10.599  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 20048    | 10.343  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 7731     | 10.773  | ug/l # | 73       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 2366     | 214.537 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 47435    | 54.006  | ug/l # | 85       |
| 52) Toluene                   | 10.246 | 92   | 36533    | 10.305  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 21001    | 10.679  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 23359    | 10.536  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 13282    | 10.862  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 16015    | 10.715  | ug/l # | 73       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 21337    | 10.814  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 31770    | 51.499  | ug/l # | 88       |
| 59) 2-Hexanone                | 10.831 | 43   | 32298    | 53.322  | ug/l   | 81       |
| 60) Dibromochloromethane      | 10.984 | 129  | 14402    | 10.088  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 12759    | 10.832  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.721 | 164  | 13111    | 9.814   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.520 | 112  | 41453    | 10.366  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 14836    | 10.044  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 70435    | 10.296  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 54419    | 20.047  | ug/l   | 93       |
| 69) o-Xylene                  | 12.032 | 106  | 26455    | 10.060  | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 42781    | 9.887   | ug/l   | 94       |
| 71) Bromoform                 | 12.209 | 173  | 8417     | 9.469   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 67342    | 10.062  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 15405    | 10.756  | ug/l # | 81       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 15142    | 10.697  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 18102    | 15.336  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 16605    | 10.233  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.672 | 91   | 82236    | 10.433  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 46488    | 10.471  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 55225    | 10.128  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.386 | 75   | 4301     | 9.801   | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 47886    | 10.621  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 50240    | 10.218  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 55062    | 10.208  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 75198    | 10.374  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 60797    | 10.045  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 32007    | 9.957   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.453 | 146  | 32595    | 10.267  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.703 | 91   | 56811    | 10.370  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 11124    | 9.812   | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 29199    | 10.226  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 2113     | 10.594  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 16987    | 10.296  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 8293     | 9.675   | ug/l   | 95       |
| 95) Naphthalene               | 15.239 | 128  | 35664    | 10.199  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.434 | 180  | 14778    | 10.292  | ug/l   | 98       |

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QLast Update : Fri Apr 08 15:38:38 2022  
Response via : Initial Calibration

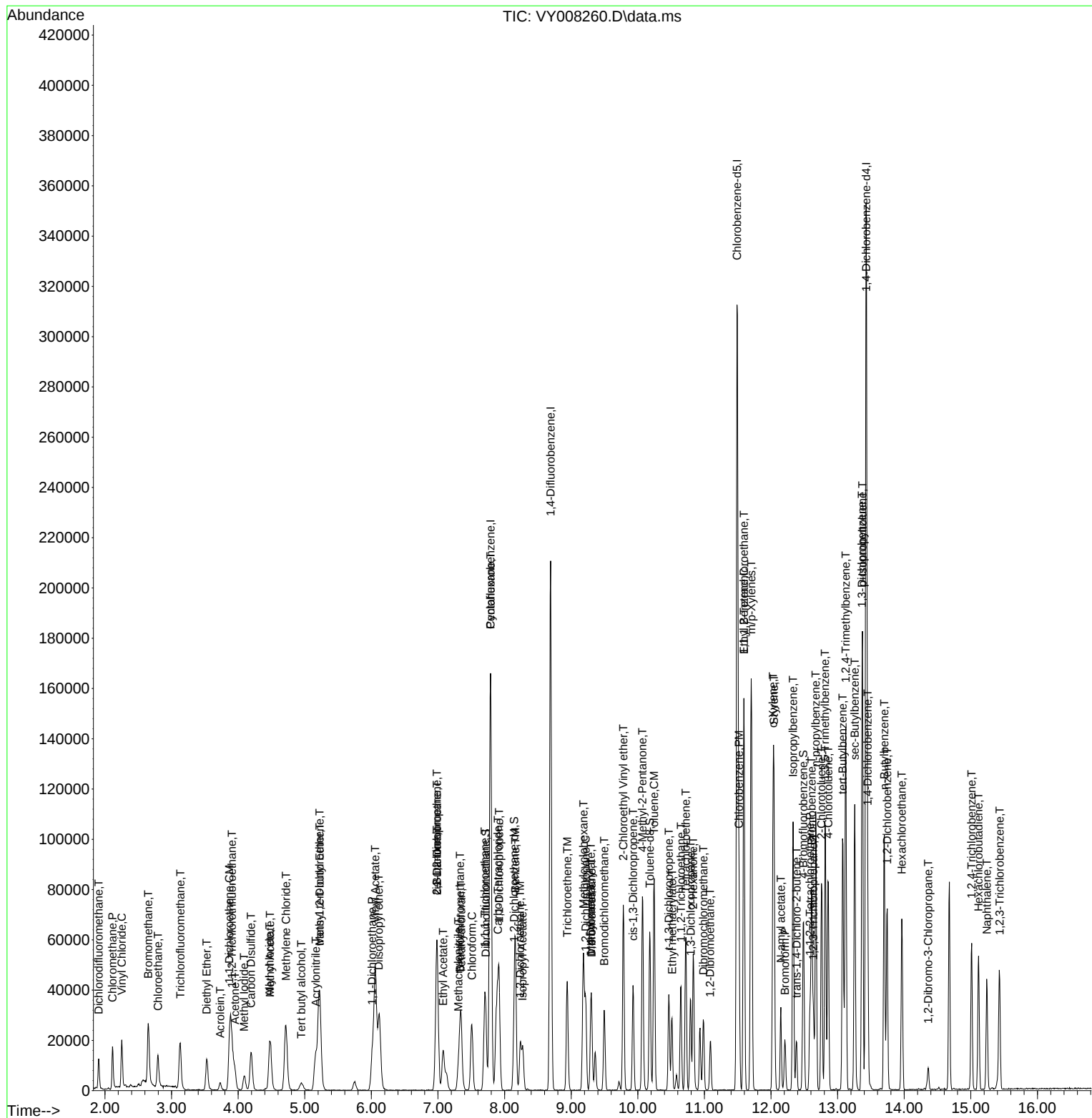
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

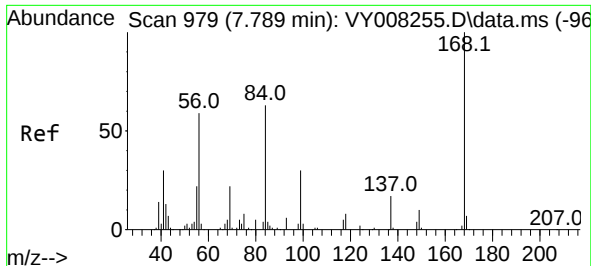
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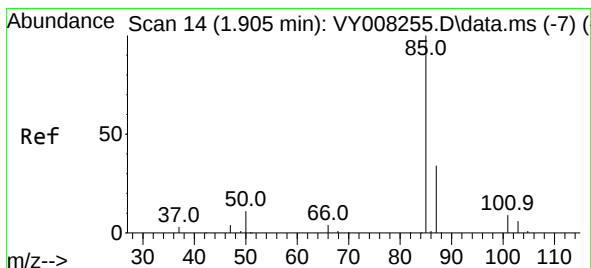
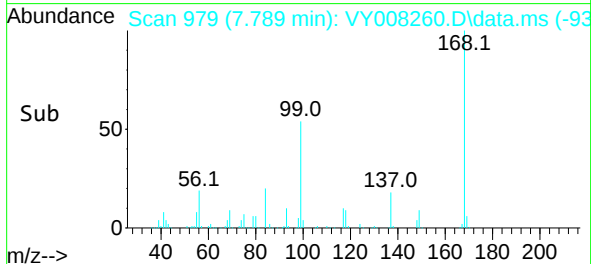
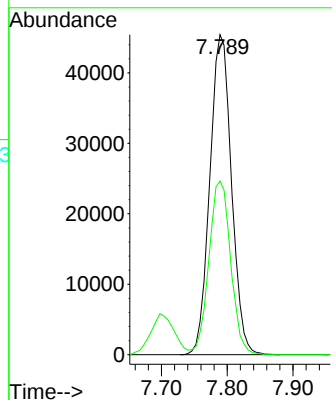
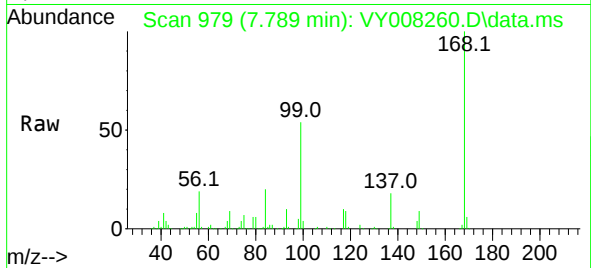




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

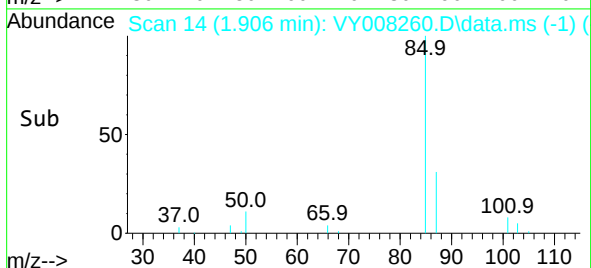
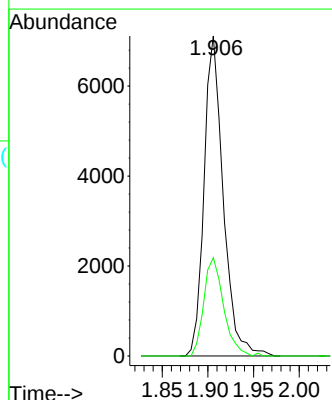
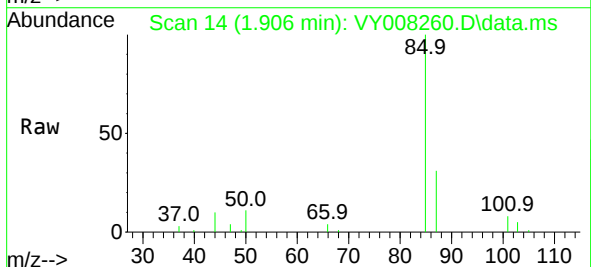
Instrument :  
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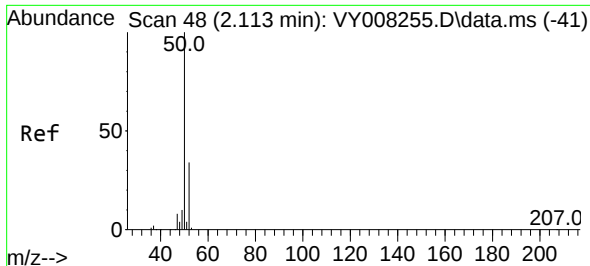
Tgt Ion:168 Resp: 103971  
Ion Ratio Lower Upper  
168 100  
99 54.3 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 11.949 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 85 Resp: 10349  
Ion Ratio Lower Upper  
85 100  
87 30.7 16.1 48.2

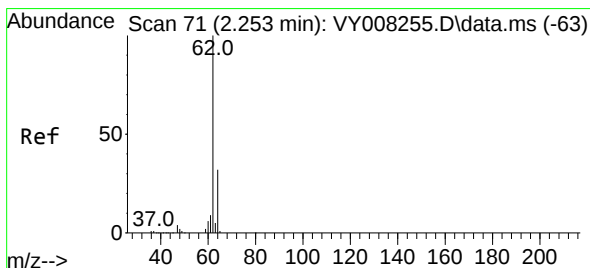
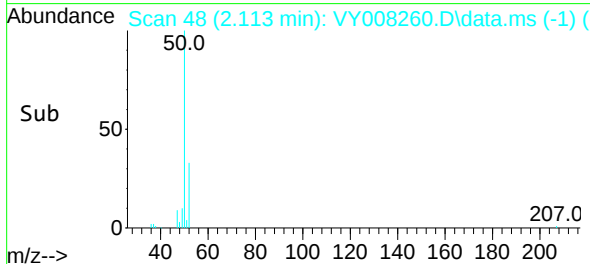
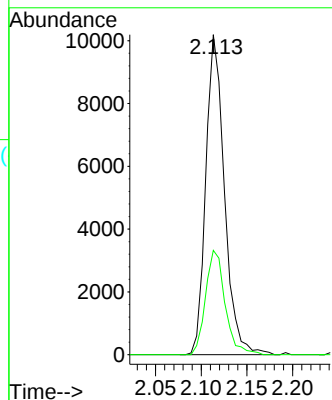
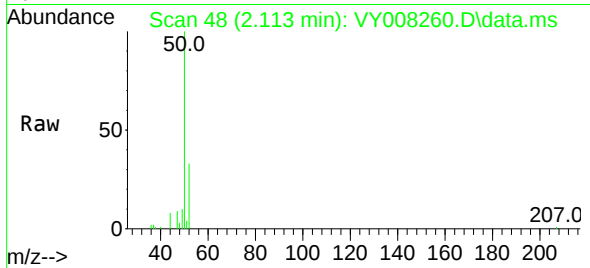




#3  
Chloromethane  
Concen: 12.513 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

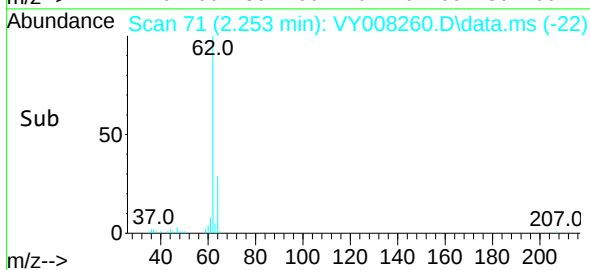
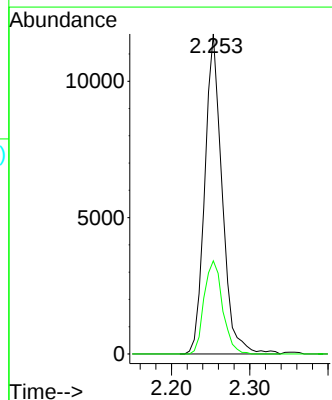
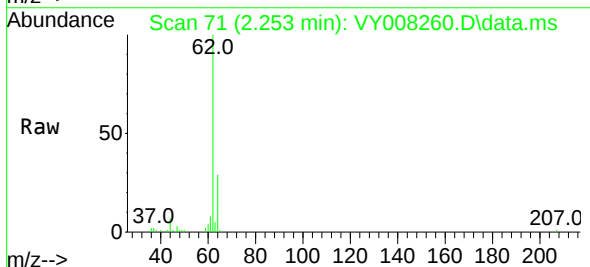
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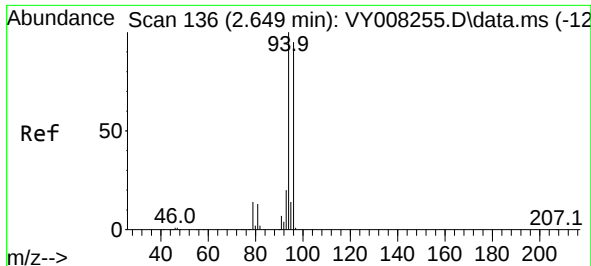
Tgt Ion: 50 Resp: 14472  
Ion Ratio Lower Upper  
50 100  
52 32.6 24.6 37.0



#4  
Vinyl Chloride  
Concen: 11.700 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
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Tgt Ion: 62 Resp: 18053  
Ion Ratio Lower Upper  
62 100  
64 29.1 25.0 37.6

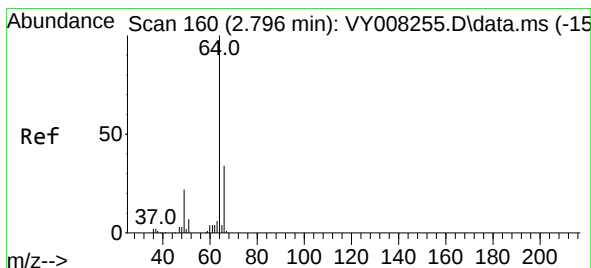
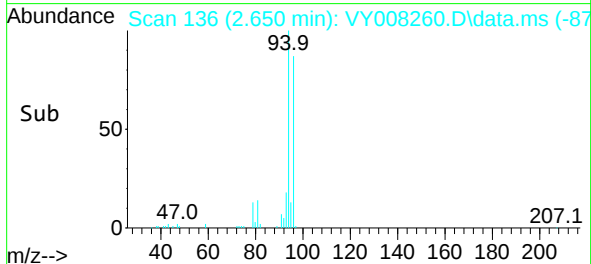
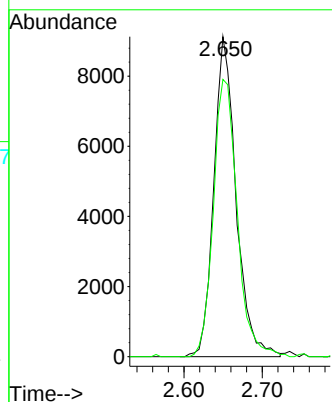
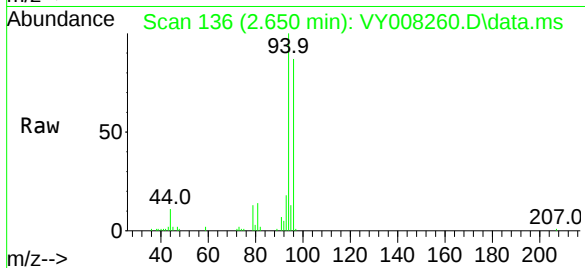




#5  
Bromomethane  
Concen: 13.362 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
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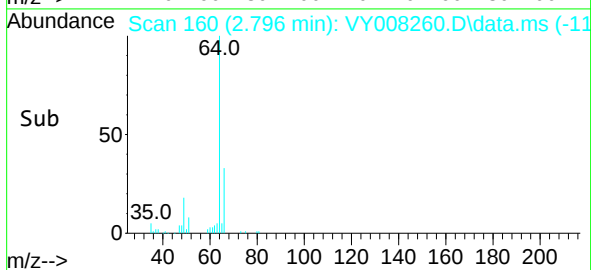
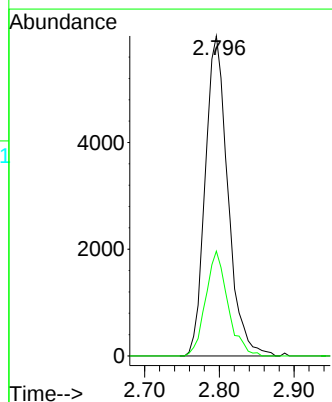
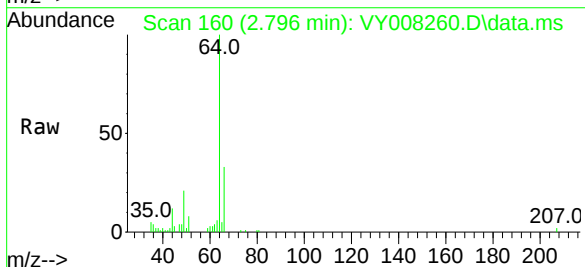
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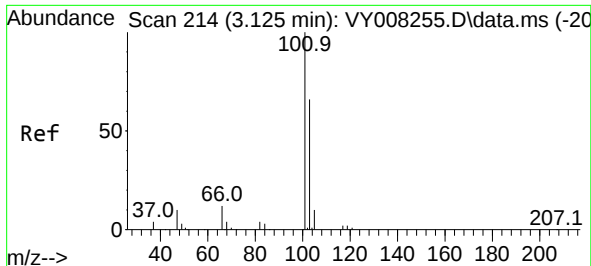
Tgt Ion: 94 Resp: 18030  
Ion Ratio Lower Upper  
94 100  
96 86.6 73.5 110.3



#6  
Chloroethane  
Concen: 11.696 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 64 Resp: 12627  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.4 38.0

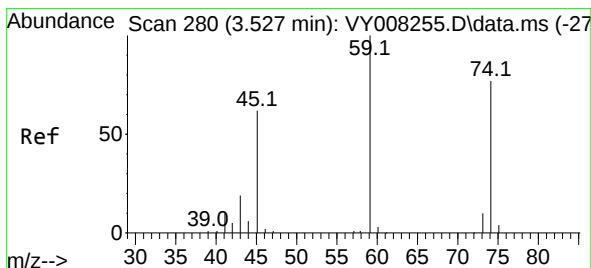
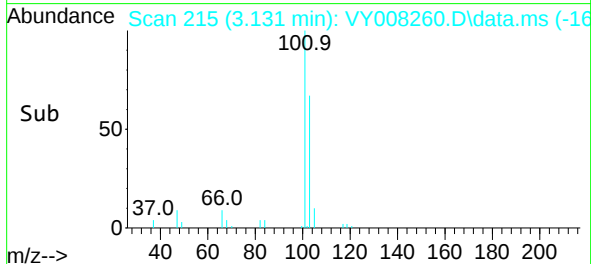
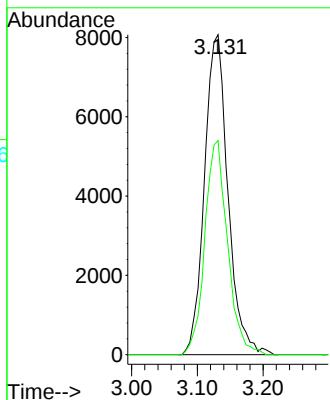
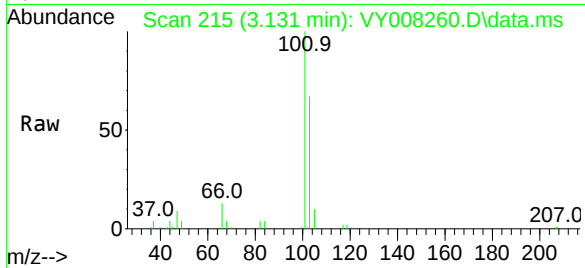




#7  
Trichlorofluoromethane  
Concen: 10.844 ug/l  
RT: 3.131 min Scan# 214  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

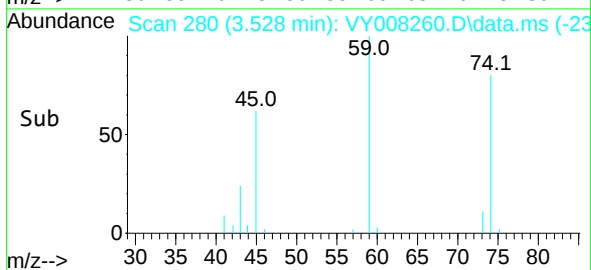
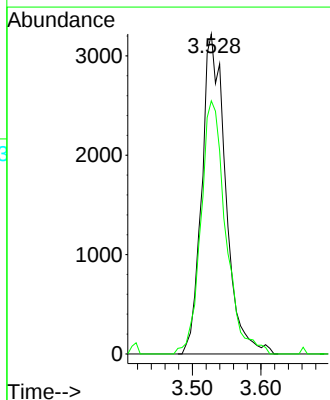
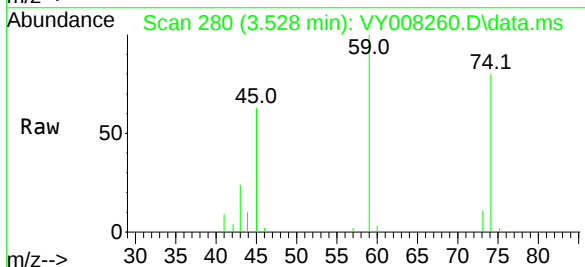
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

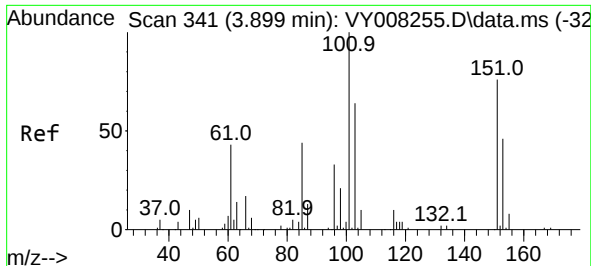
Tgt Ion:101 Resp: 20069  
Ion Ratio Lower Upper  
101 100  
103 66.9 48.0 72.0



#8  
Diethyl Ether  
Concen: 12.033 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 74 Resp: 7801  
Ion Ratio Lower Upper  
74 100  
45 82.6 55.1 165.5

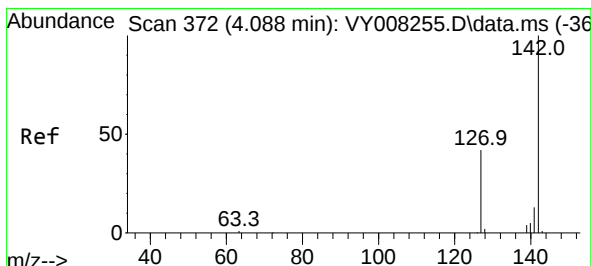
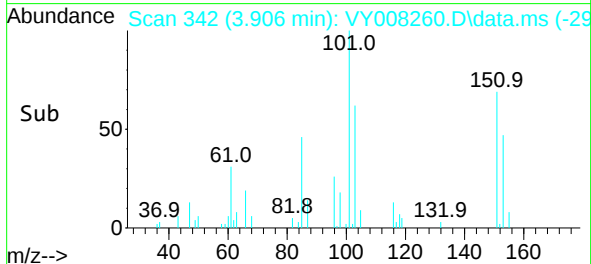
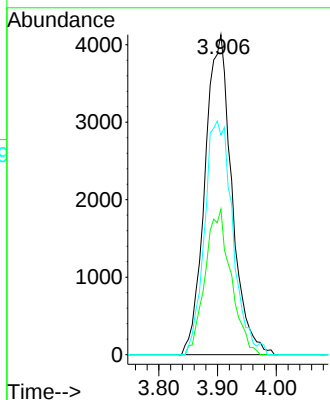
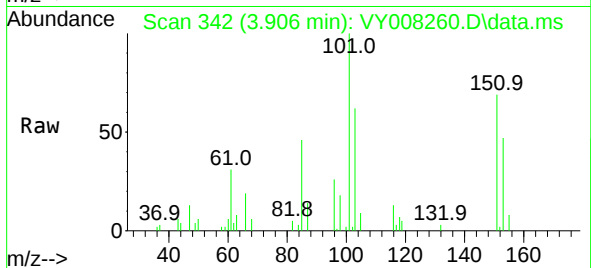




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 10.891 ug/l  
RT: 3.906 min Scan# 341  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

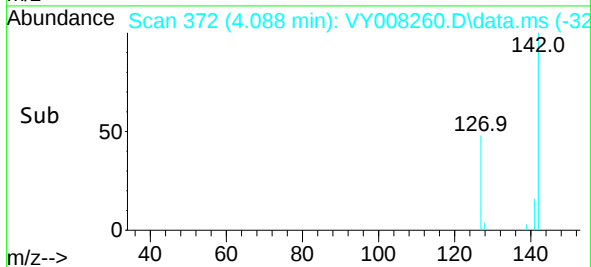
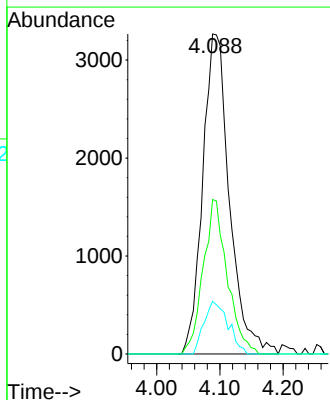
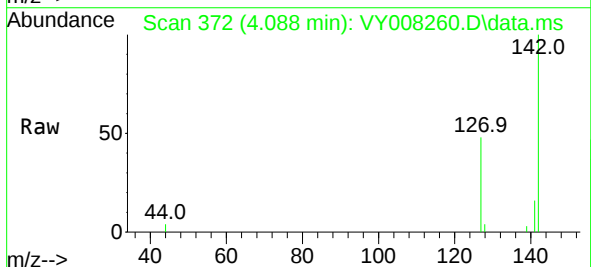
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

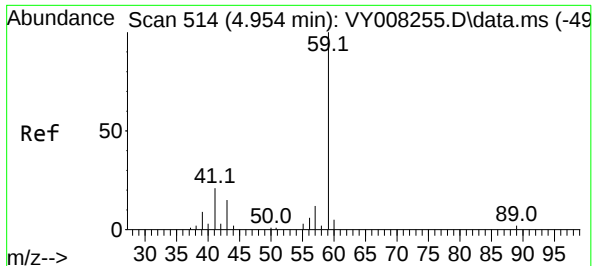
Tgt Ion:101 Resp: 13111  
Ion Ratio Lower Upper  
101 100  
85 43.8 40.6 60.8  
151 76.7 64.9 97.3



#10  
Methyl Iodide  
Concen: 7.617 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion:142 Resp: 9628  
Ion Ratio Lower Upper  
142 100  
127 43.5 41.5 62.3  
141 14.7 11.9 17.9

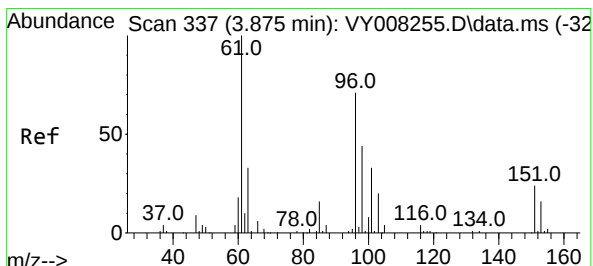
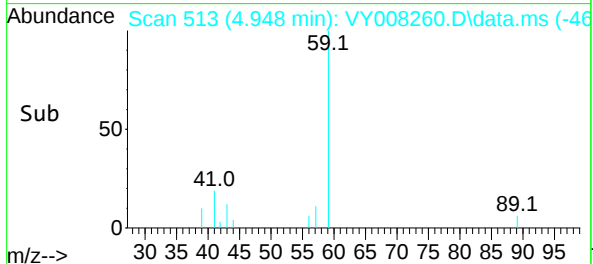
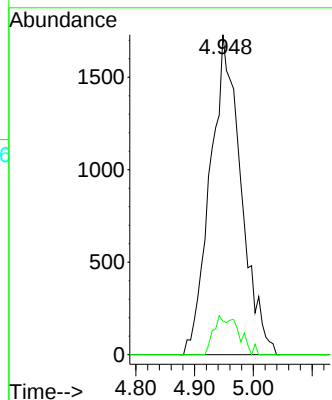
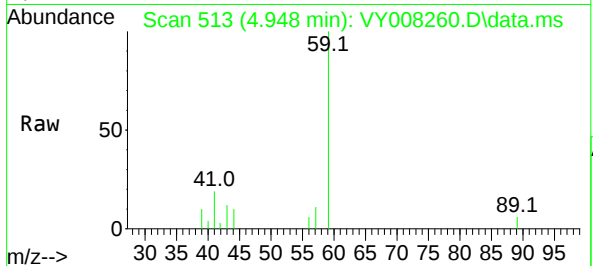




#11  
Tert butyl alcohol  
Concen: 57.604 ug/l  
RT: 4.948 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

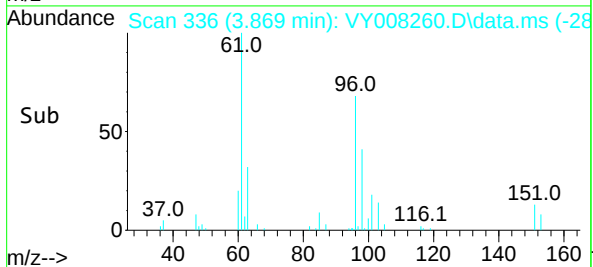
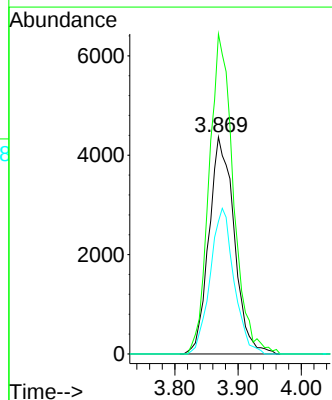
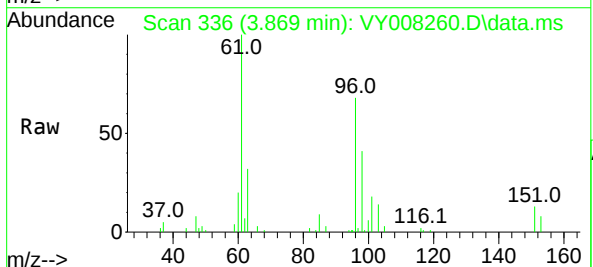
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

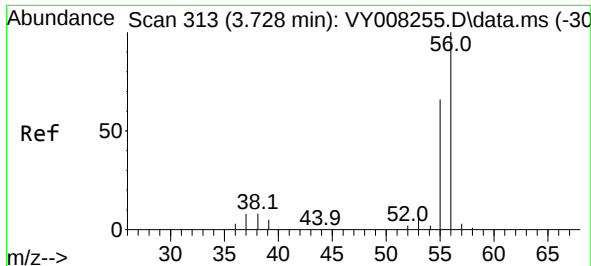
Tgt Ion: 59 Resp: 6315  
Ion Ratio Lower Upper  
59 100  
57 5.1 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 11.368 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

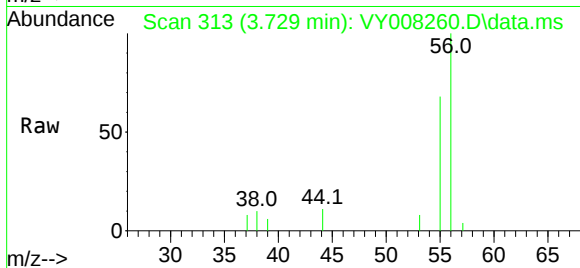
Tgt Ion: 96 Resp: 12089  
Ion Ratio Lower Upper  
96 100  
61 147.4 145.8 218.6  
98 61.0 52.5 78.7



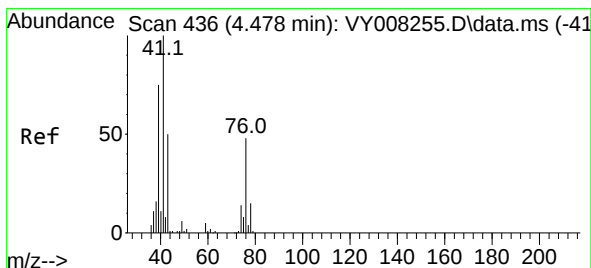
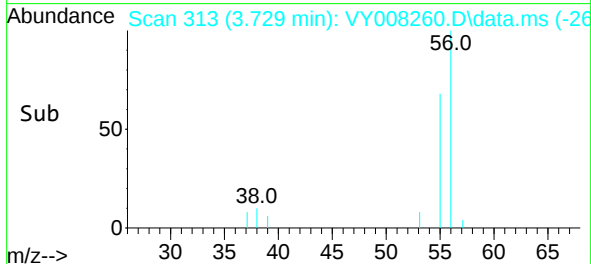
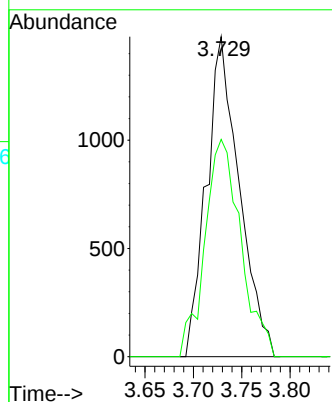


#13  
Acrolein  
Concen: 41.535 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

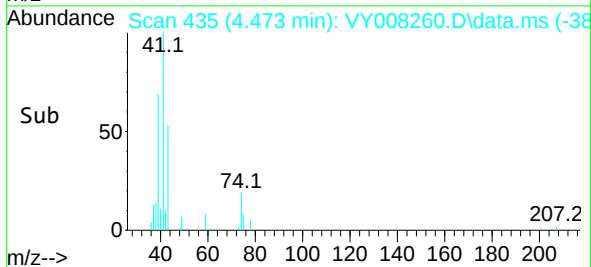
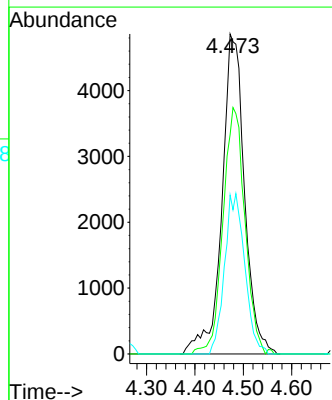
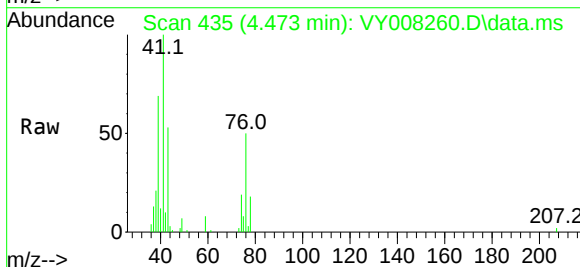


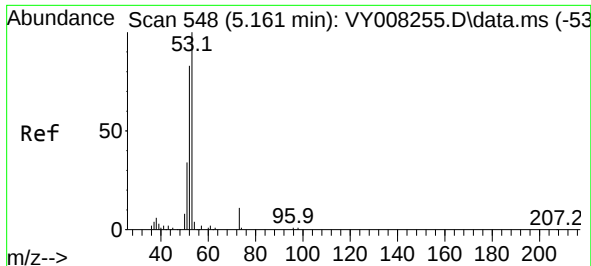
Tgt Ion: 56 Resp: 3489  
Ion Ratio Lower Upper  
56 100  
55 74.1 57.6 86.4



#14  
Allyl chloride  
Concen: 11.314 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.006 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 41 Resp: 15742  
Ion Ratio Lower Upper  
41 100  
39 74.7 58.8 88.2  
76 44.8 25.1 37.7#

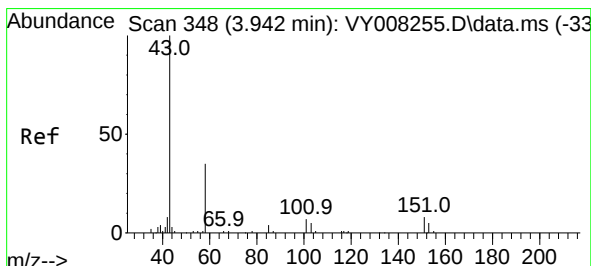
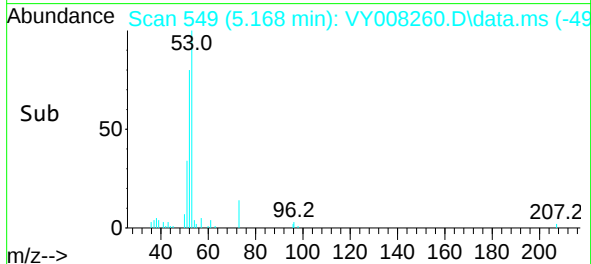
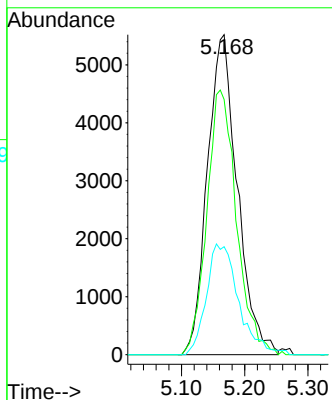
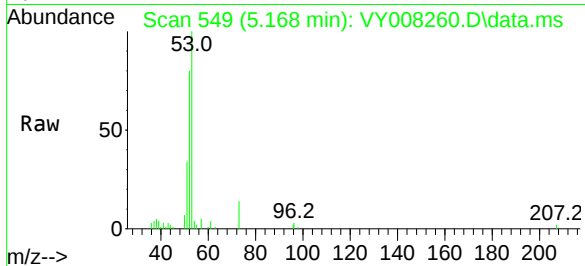




#15  
Acrylonitrile  
Concen: 57.025 ug/l  
RT: 5.168 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

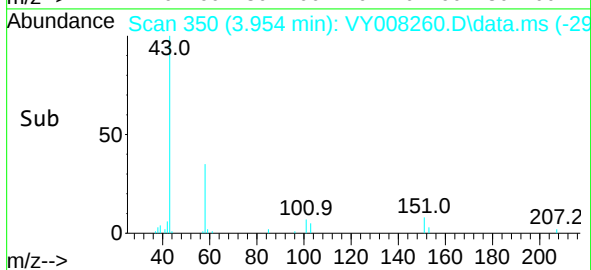
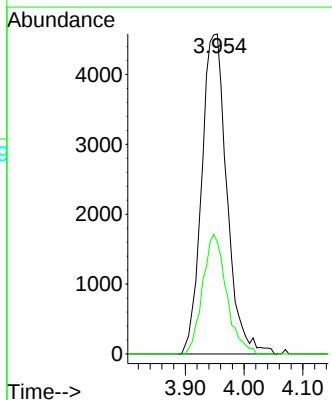
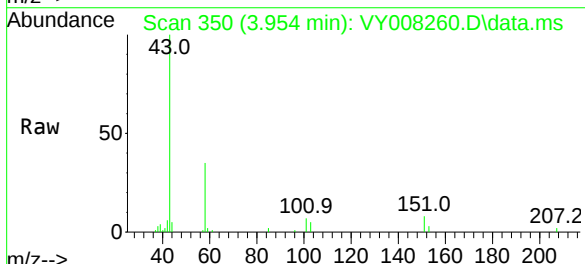
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

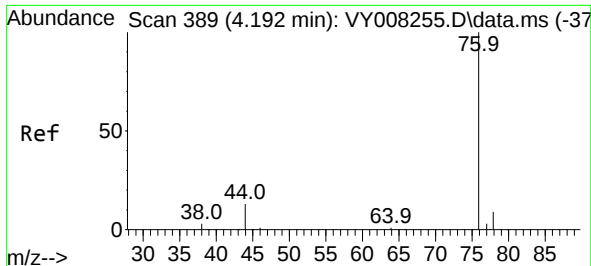
Tgt Ion: 53 Resp: 18192  
Ion Ratio Lower Upper  
53 100  
52 81.9 67.0 100.4  
51 37.1 29.8 44.6



#16  
Acetone  
Concen: 56.173 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.013 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 43 Resp: 13638  
Ion Ratio Lower Upper  
43 100  
58 35.1 22.0 33.0#

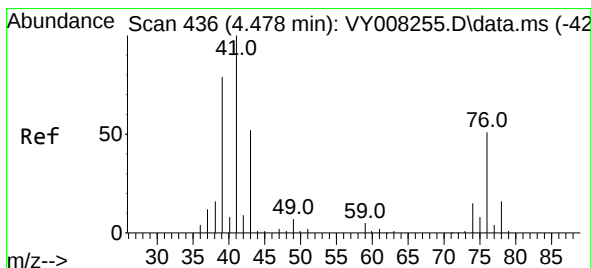
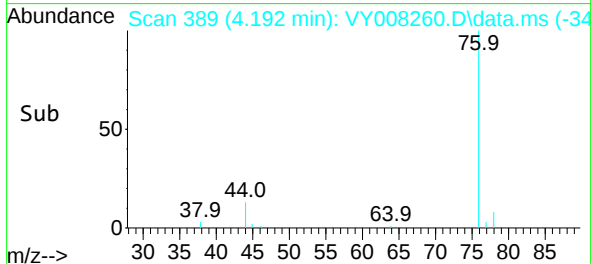
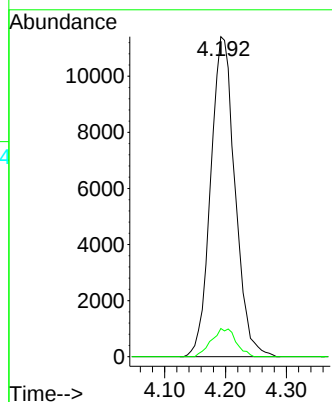
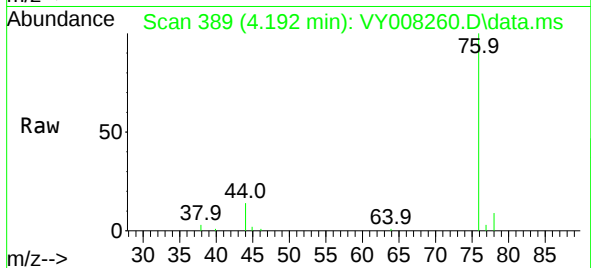




#17  
Carbon Disulfide  
Concen: 11.234 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

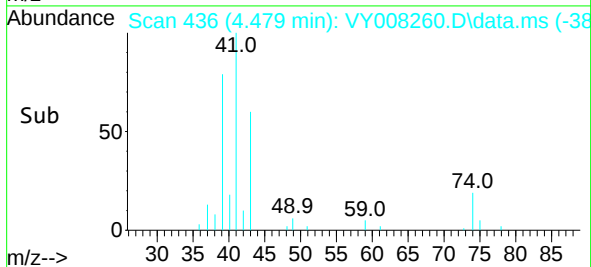
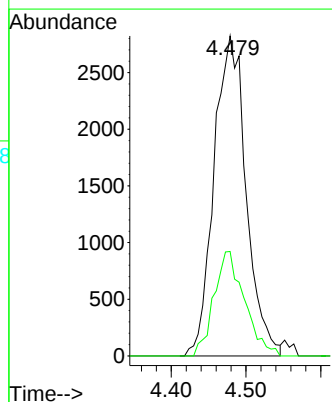
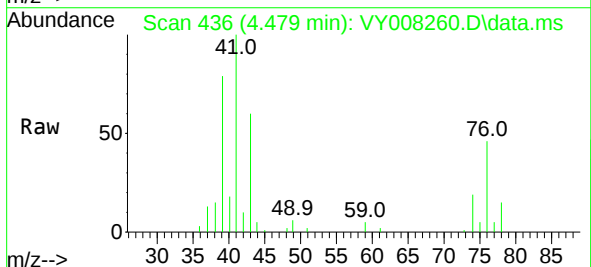
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC010

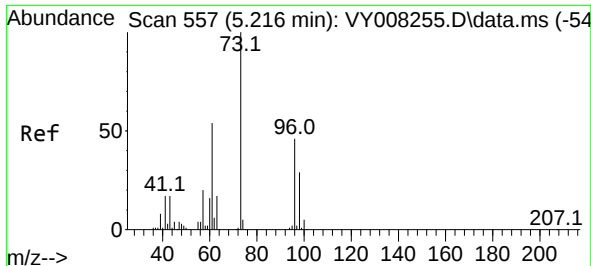
Tgt Ion: 76 Resp: 31677  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 10.472 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 43 Resp: 8454  
Ion Ratio Lower Upper  
43 100  
74 31.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 11.387 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

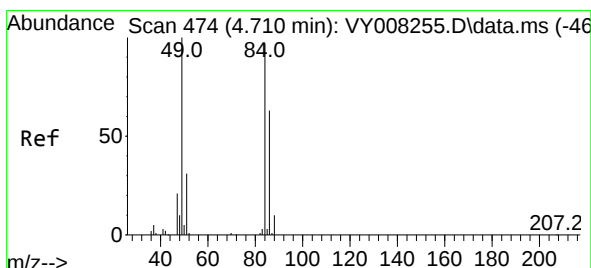
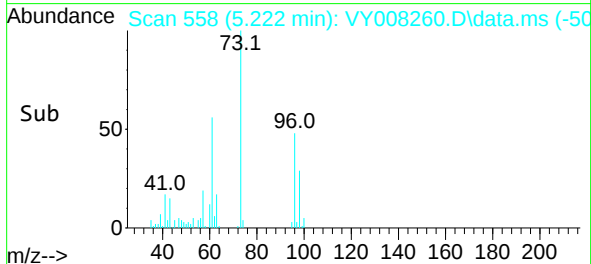
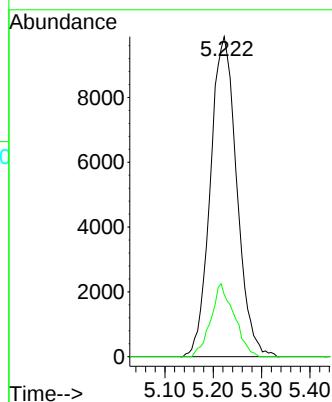
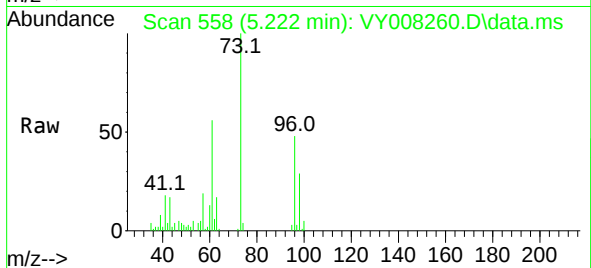
VSTDIC010

Tgt Ion: 73 Resp: 37489

Ion Ratio Lower Upper

73 100

57 19.4 18.6 27.8



#20

Methylene Chloride

Concen: 13.469 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Tgt Ion: 84 Resp: 21564

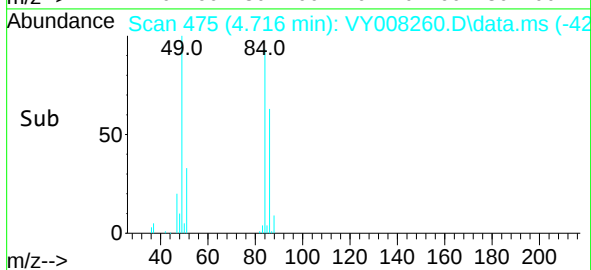
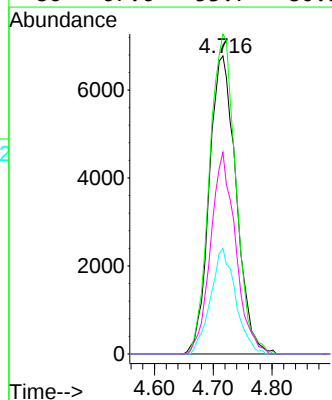
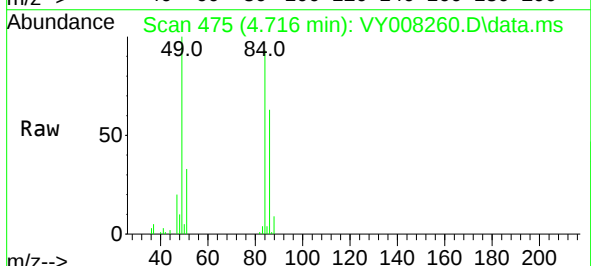
Ion Ratio Lower Upper

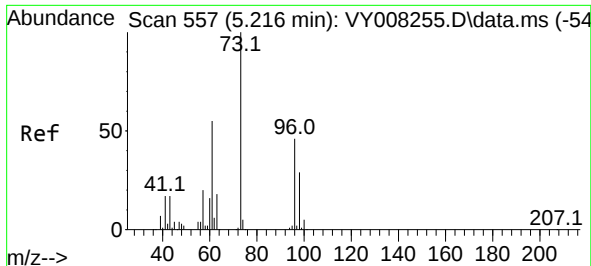
84 100

49 107.3 114.4 171.6#

51 35.5 35.3 52.9

86 67.6 53.7 80.5

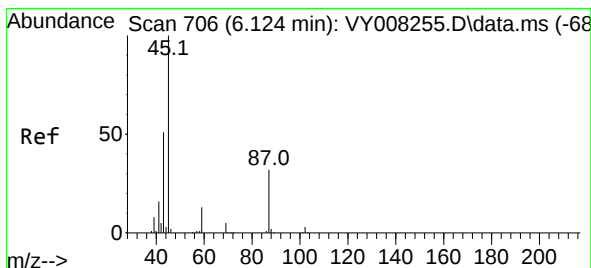
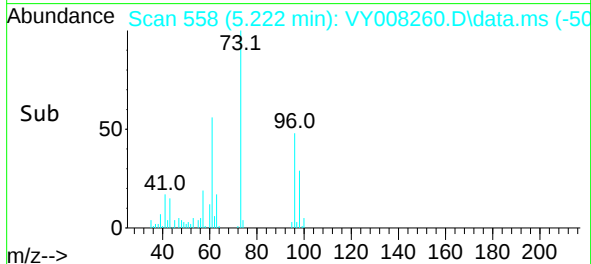
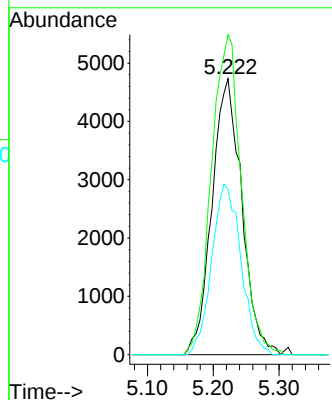
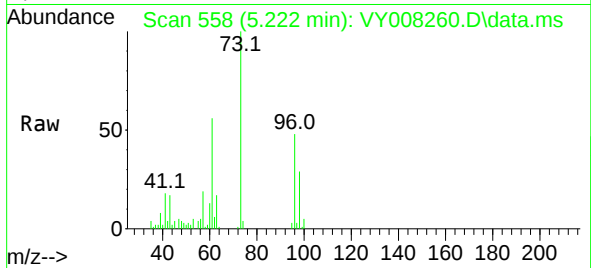




#21  
trans-1,2-Dichloroethene  
Concen: 11.717 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

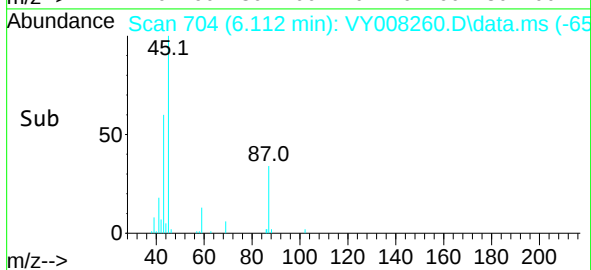
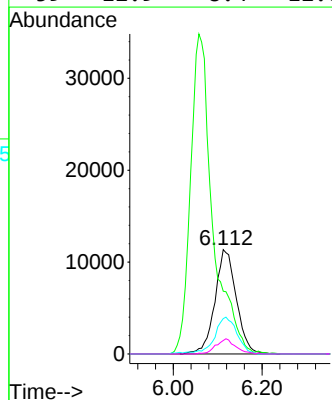
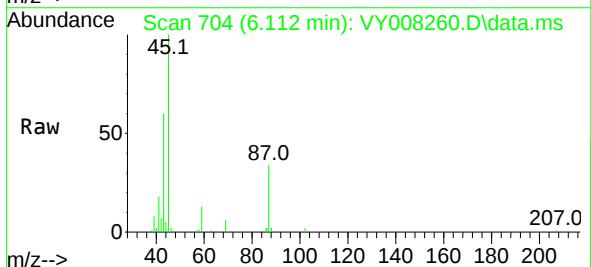
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

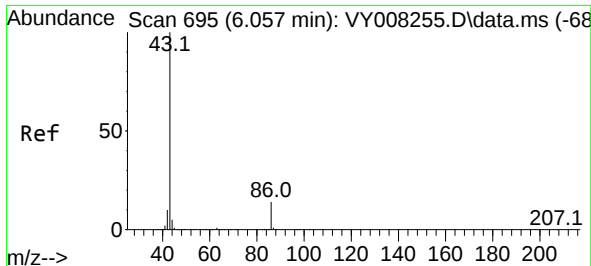
Tgt Ion: 96 Resp: 14917  
Ion Ratio Lower Upper  
96 100  
61 116.0 120.5 180.7#  
98 59.9 49.8 74.8



#22  
Diisopropyl ether  
Concen: 11.488 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. -0.012 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 45 Resp: 38023  
Ion Ratio Lower Upper  
45 100  
43 60.1 49.3 73.9  
87 33.8 19.2 28.8#  
59 12.9 8.4 12.6#

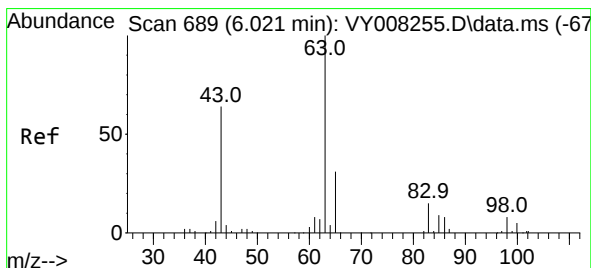
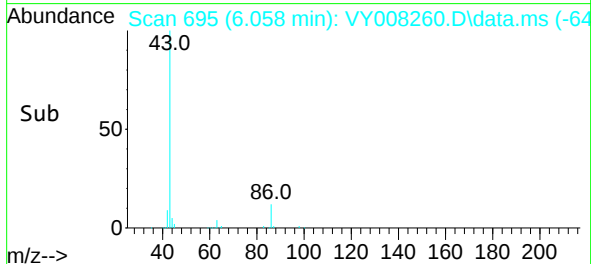
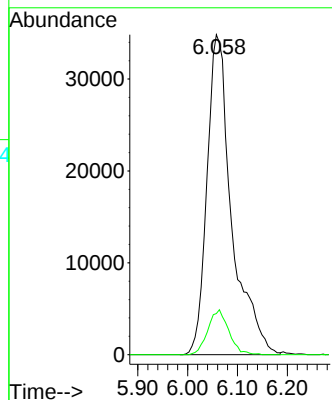
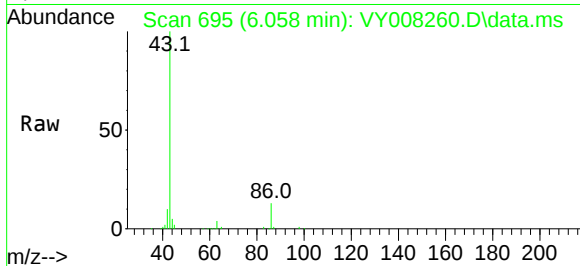




#23  
 Vinyl Acetate  
 Concen: 58.623 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

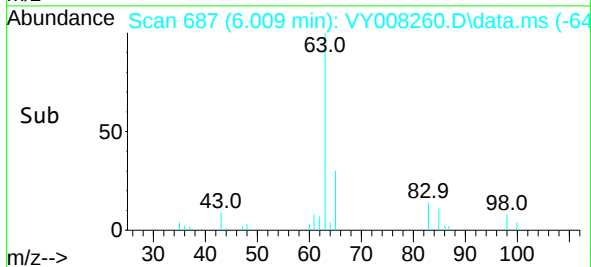
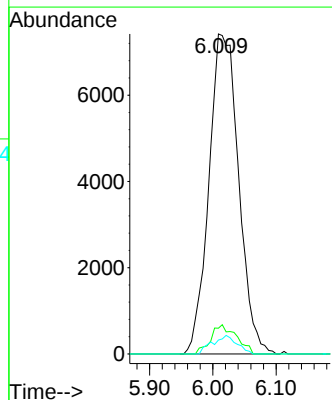
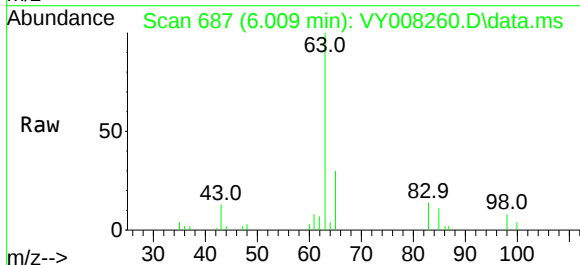
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

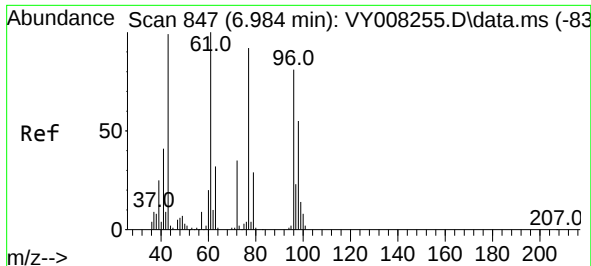
Tgt Ion: 43 Resp: 120002  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 11.460 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.012 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

Tgt Ion: 63 Resp: 24226  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.6 10.8  
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 56.644 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

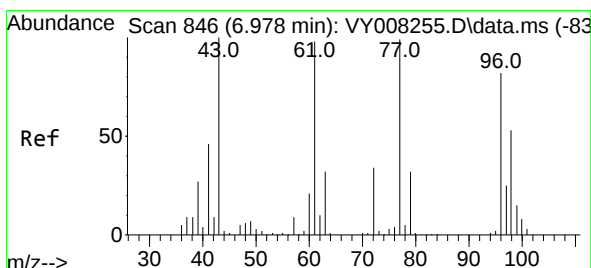
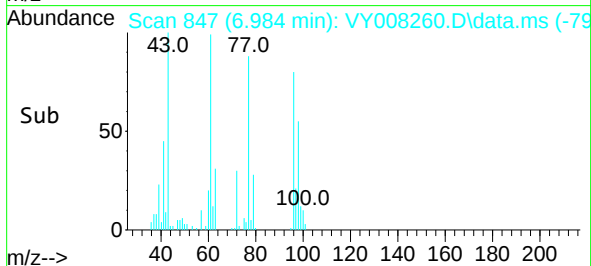
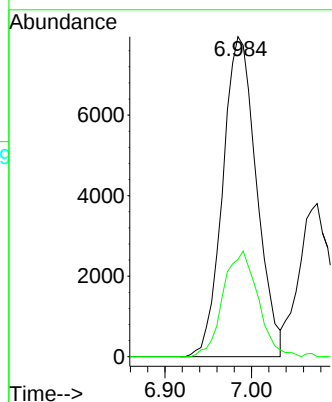
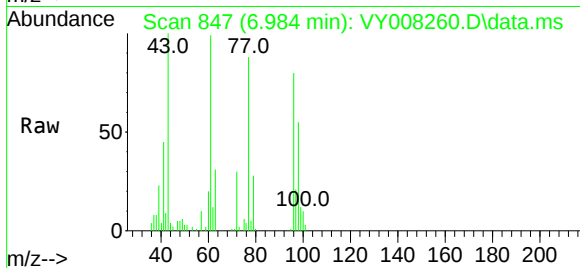
VSTDIC010

Tgt Ion: 43 Resp: 21556

Ion Ratio Lower Upper

43 100

72 30.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 10.779 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.007 min

Lab File: VY008260.D

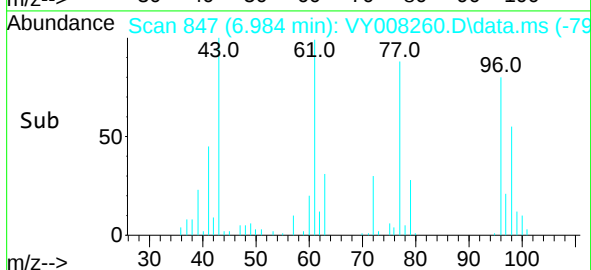
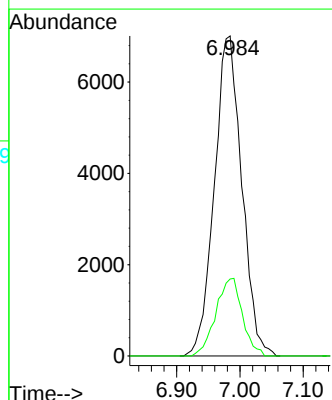
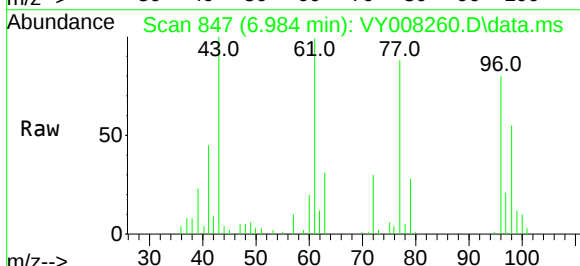
Acq: 08 Apr 2022 15:26

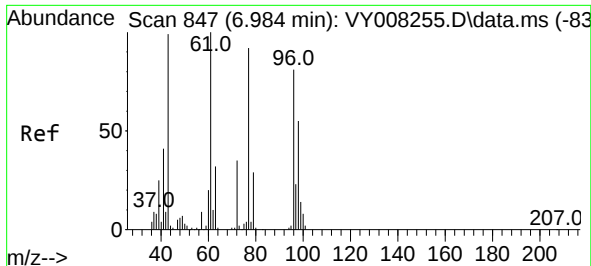
Tgt Ion: 77 Resp: 21086

Ion Ratio Lower Upper

77 100

97 23.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 11.176 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC010

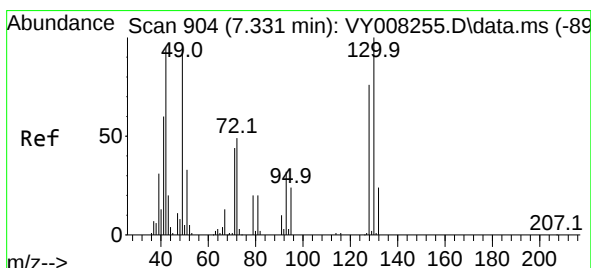
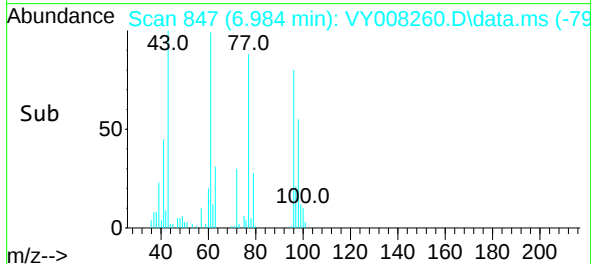
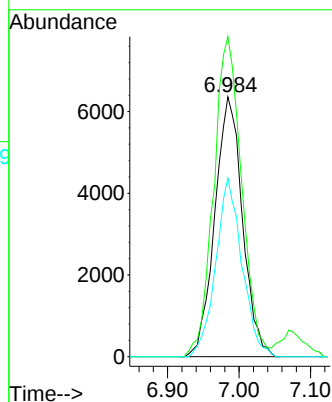
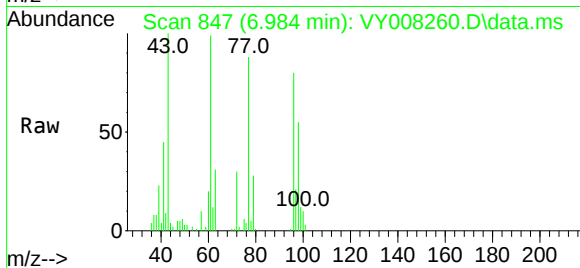
Tgt Ion: 96 Resp: 17089

Ion Ratio Lower Upper

96 100

61 124.8 0.0 319.8

98 65.2 0.0 127.0



#28

Bromochloromethane

Concen: 10.122 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

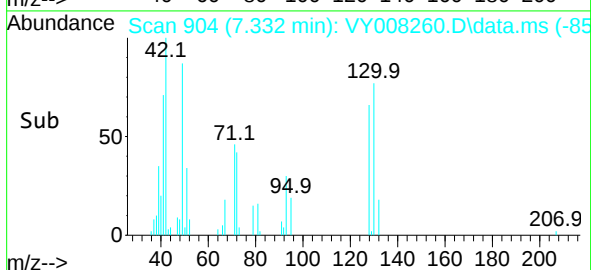
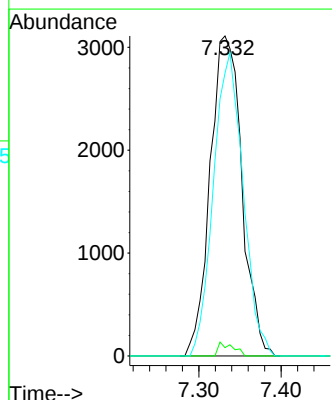
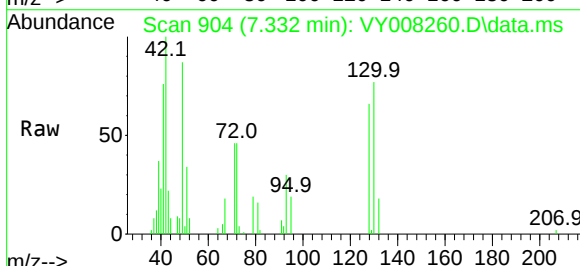
Tgt Ion: 49 Resp: 8338

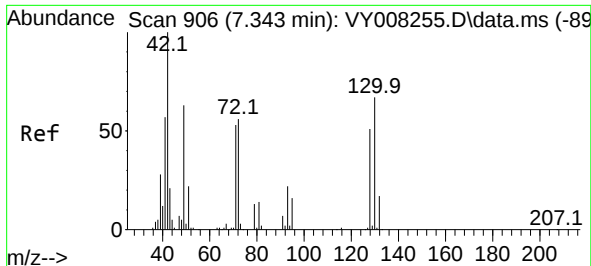
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 88.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 56.979 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC010

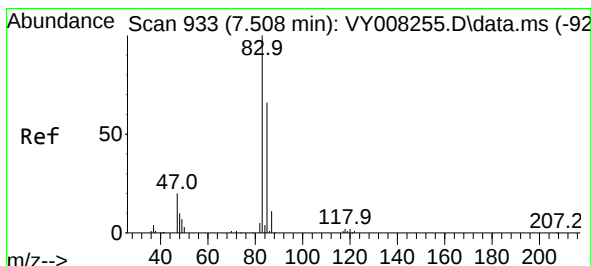
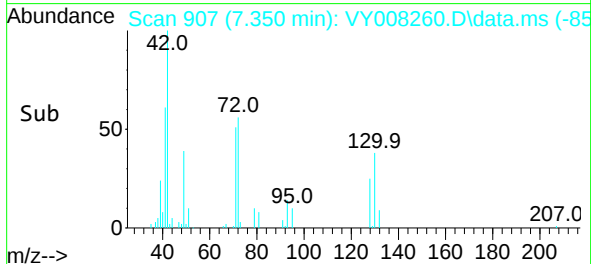
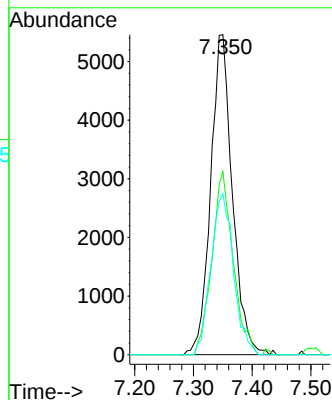
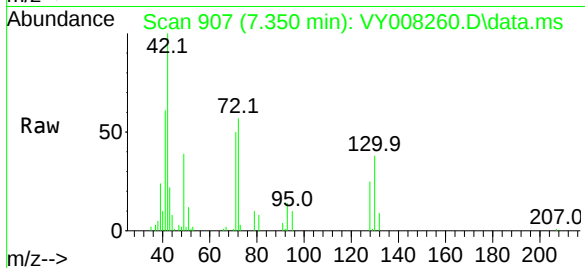
Tgt Ion: 42 Resp: 14014

Ion Ratio Lower Upper

42 100

72 55.9 30.3 45.5#

71 52.2 29.0 43.4#



#30

Chloroform

Concen: 11.211 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008260.D

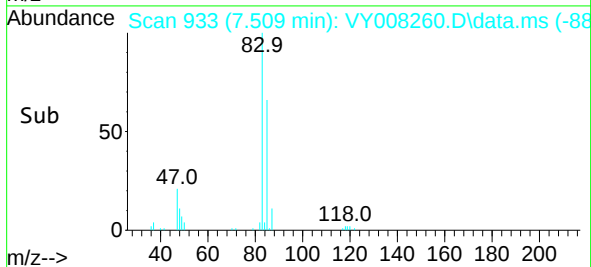
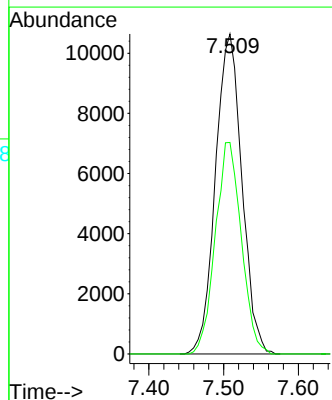
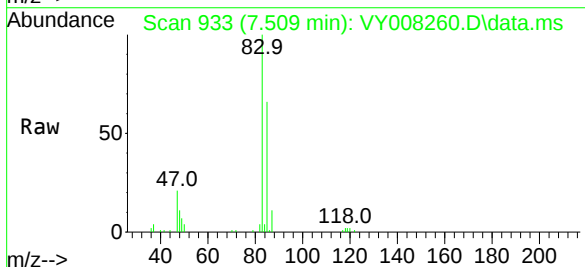
Acq: 08 Apr 2022 15:26

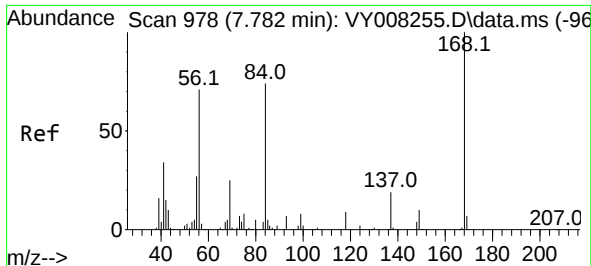
Tgt Ion: 83 Resp: 26200

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

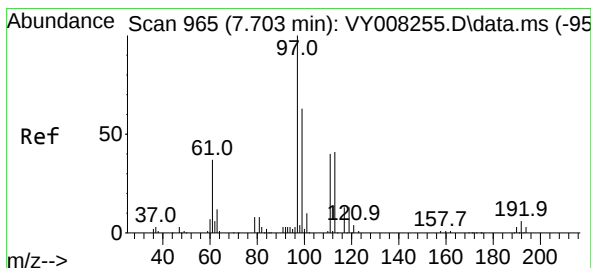
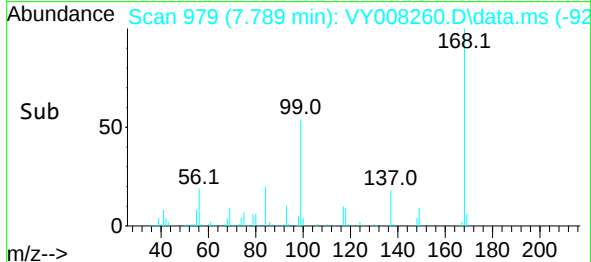
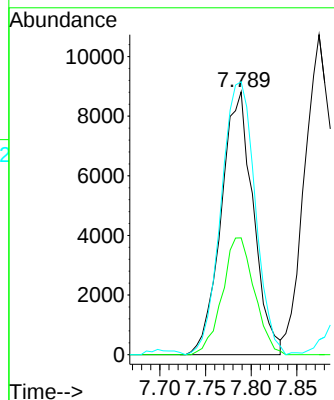
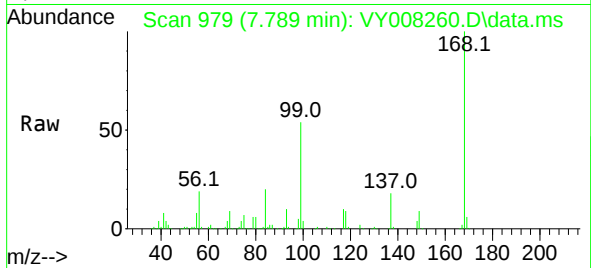




#31  
Cyclohexane  
Concen: 11.672 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

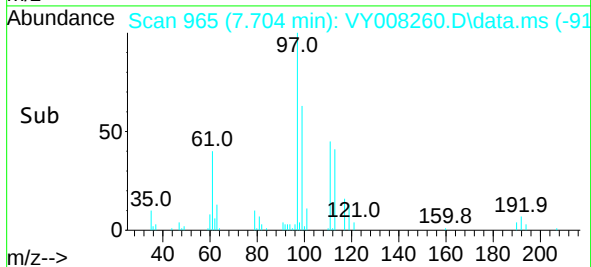
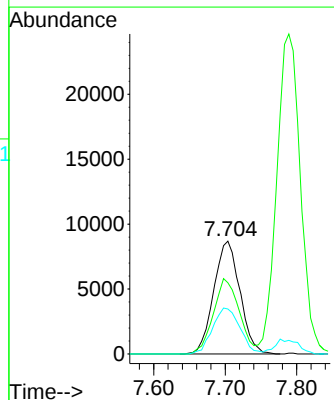
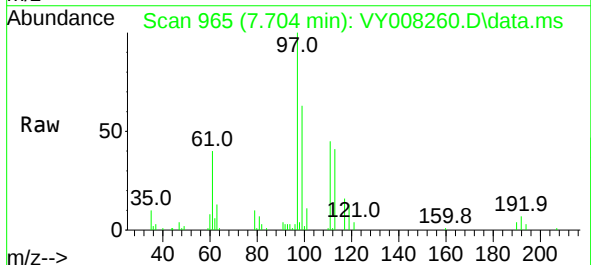
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

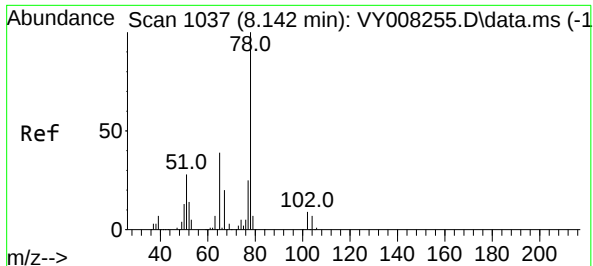
Tgt Ion: 56 Resp: 21552  
Ion Ratio Lower Upper  
56 100  
69 44.4 26.7 40.1#  
84 103.0 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 10.696 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 97 Resp: 22079  
Ion Ratio Lower Upper  
97 100  
99 65.7 50.7 76.1  
61 42.7 37.6 56.4

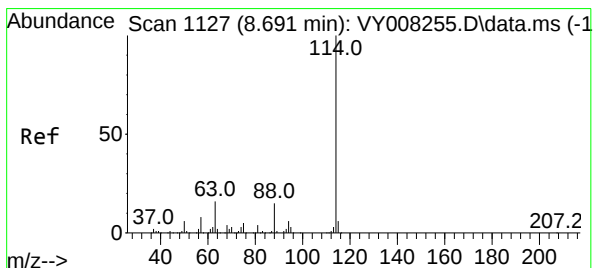
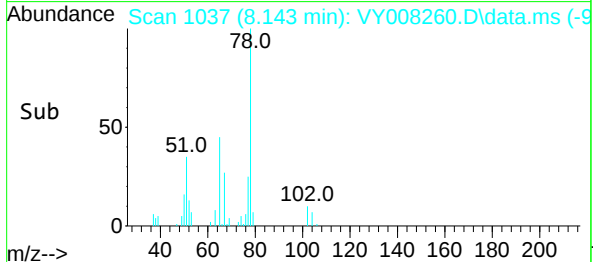
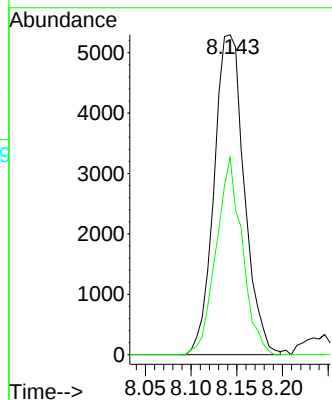
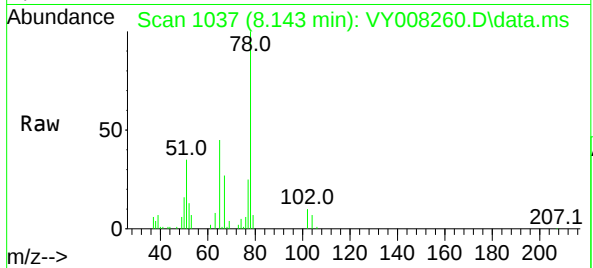




#33  
 1,2-Dichloroethane-d4  
 Concen: 11.957 ug/l  
 RT: 8.143 min Scan# 1037  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

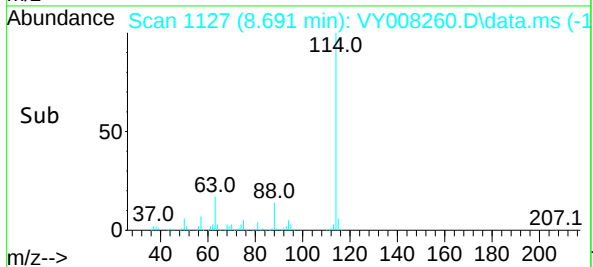
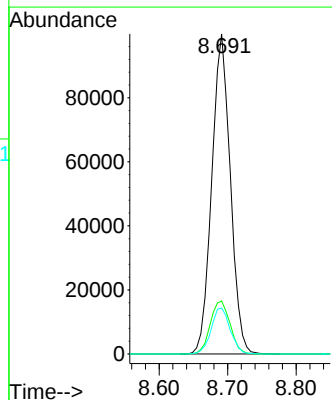
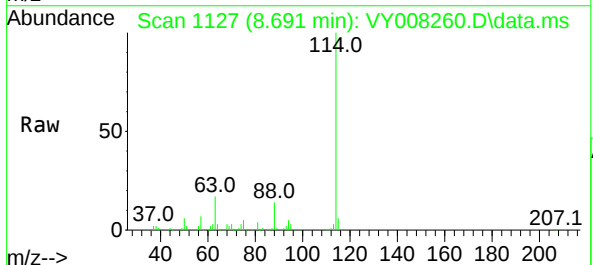
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

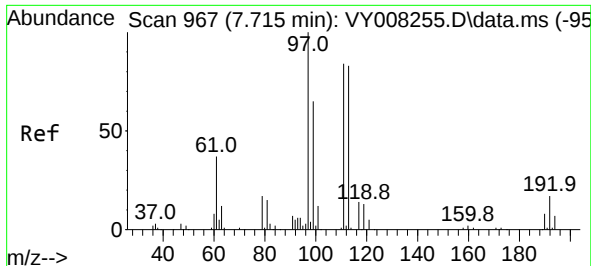
Tgt Ion: 65 Resp: 12186  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

Tgt Ion: 114 Resp: 187470  
 Ion Ratio Lower Upper  
 114 100  
 63 16.6 0.0 43.2  
 88 14.4 0.0 31.8

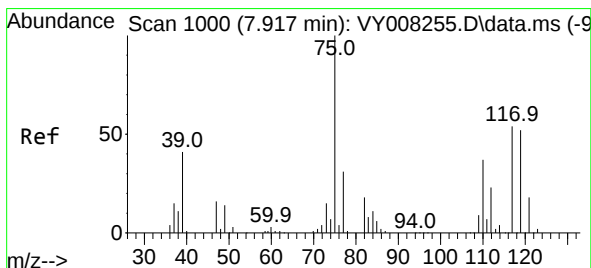
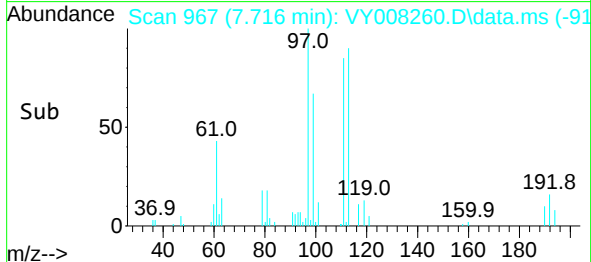
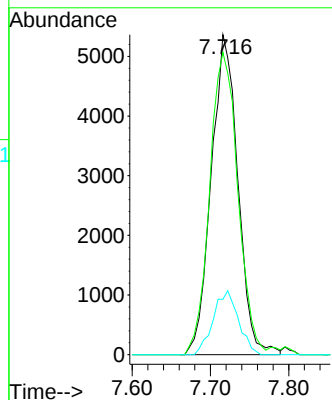
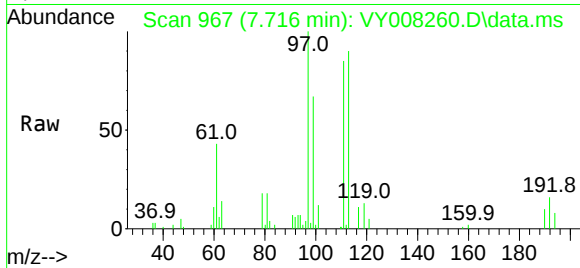




#35  
Dibromofluoromethane  
Concen: 11.173 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

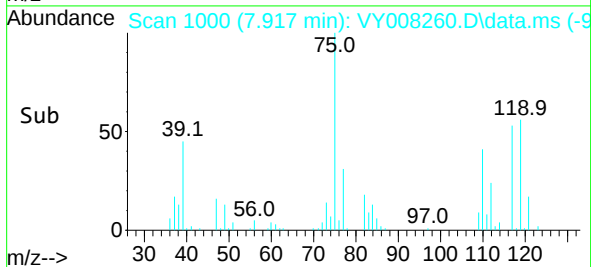
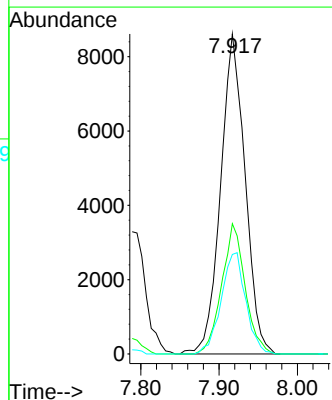
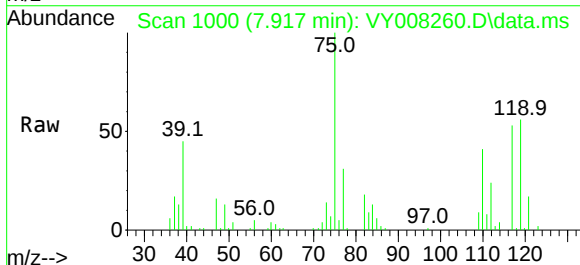
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

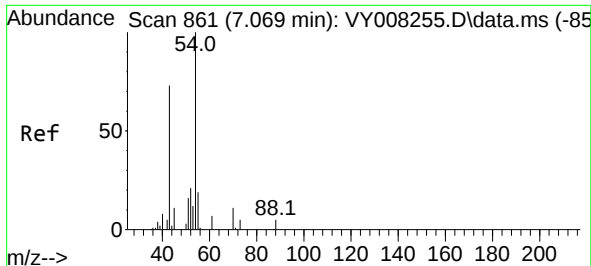
Tgt Ion:113 Resp: 12683  
Ion Ratio Lower Upper  
113 100  
111 99.7 82.6 124.0  
192 18.9 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 10.321 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 75 Resp: 18698  
Ion Ratio Lower Upper  
75 100  
110 39.0 17.1 51.2  
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 11.414 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC010

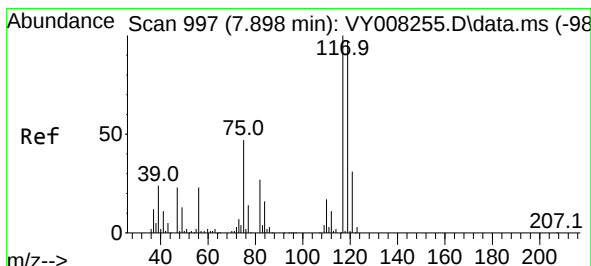
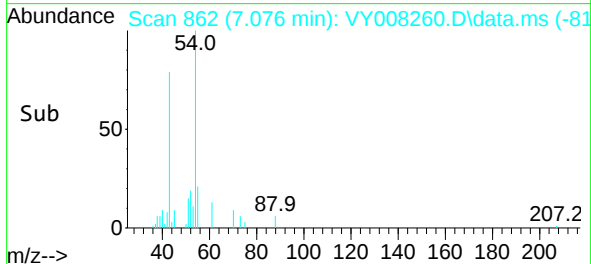
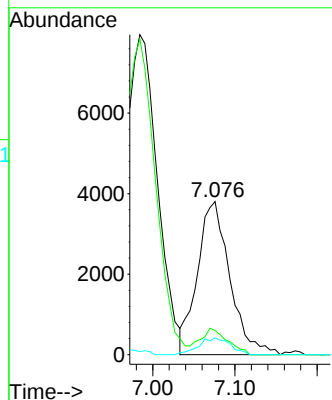
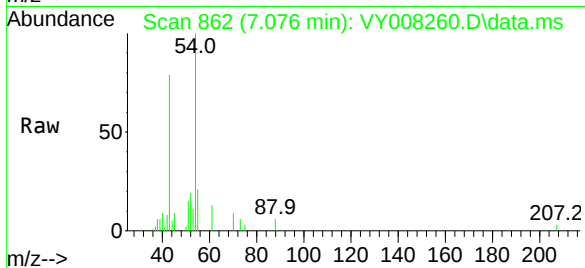
Tgt Ion: 43 Resp: 10448

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 9.695 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

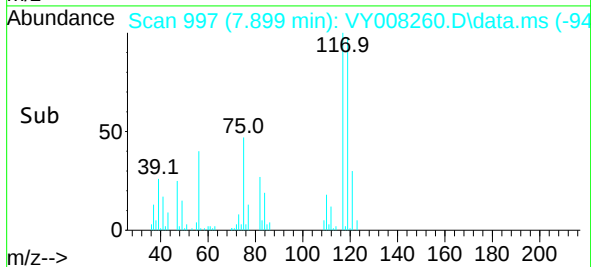
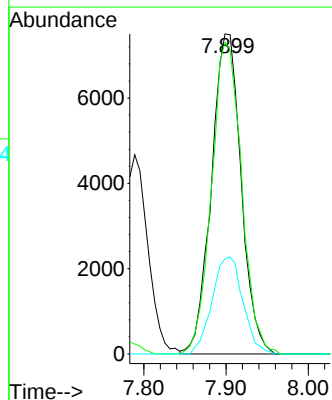
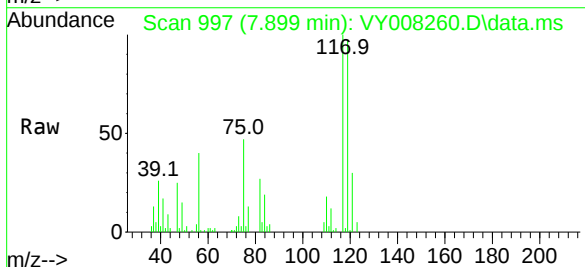
Tgt Ion: 117 Resp: 18835

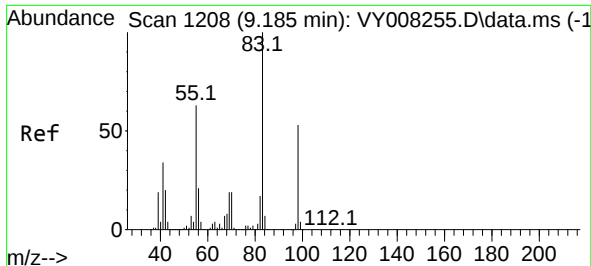
Ion Ratio Lower Upper

117 100

119 97.3 77.9 116.9

121 29.7 24.8 37.2

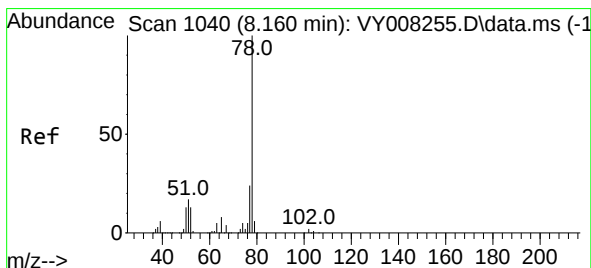
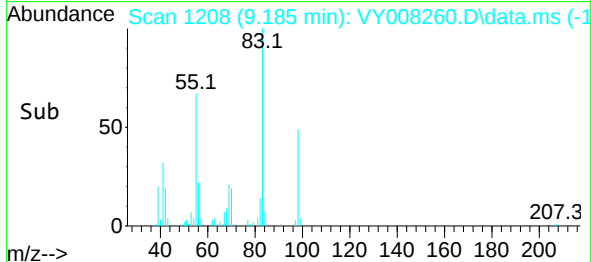
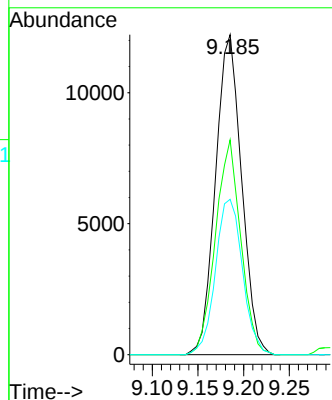
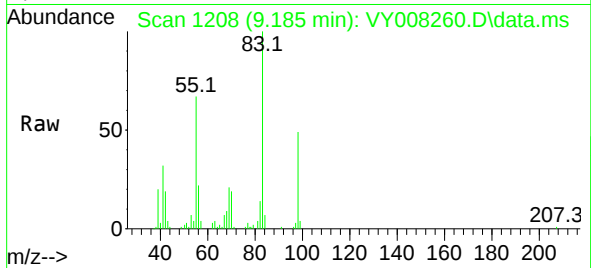




#39  
Methylcyclohexane  
Concen: 10.392 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

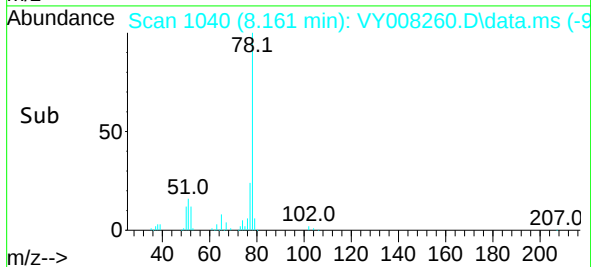
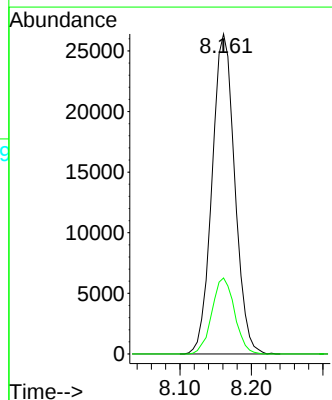
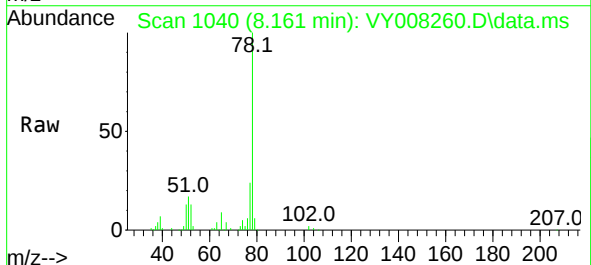
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC010

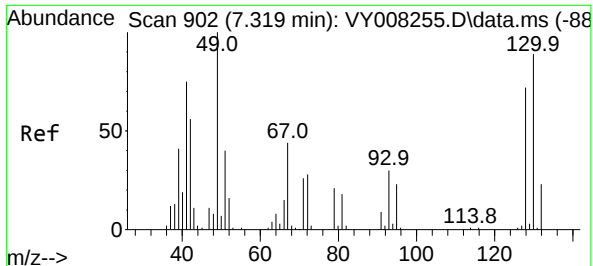
Tgt Ion: 83 Resp: 24234  
Ion Ratio Lower Upper  
83 100  
55 67.1 66.5 99.7  
98 48.5 37.9 56.9



#40  
Benzene  
Concen: 10.936 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 78 Resp: 58245  
Ion Ratio Lower Upper  
78 100  
77 23.7 20.4 30.6

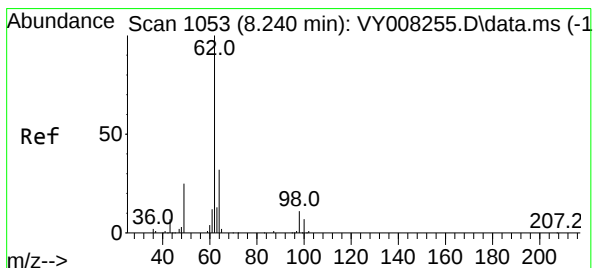
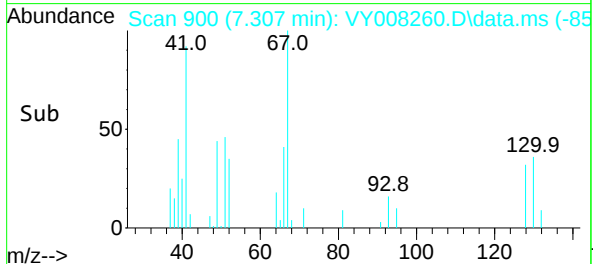
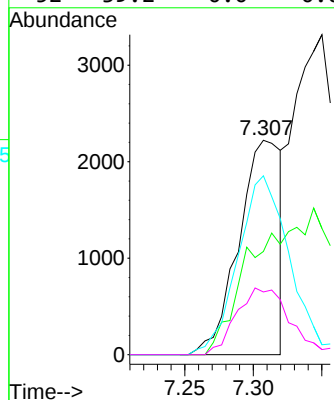
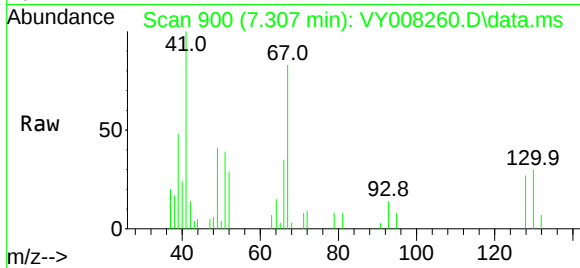




#41  
Methacrylonitrile  
Concen: 6.605 ug/l  
RT: 7.307 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

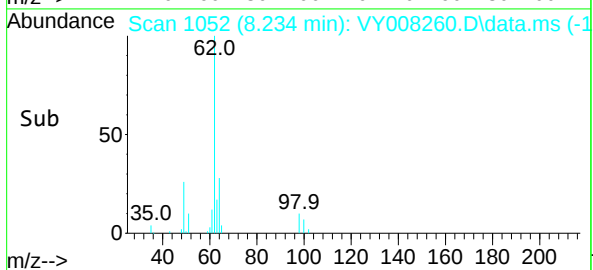
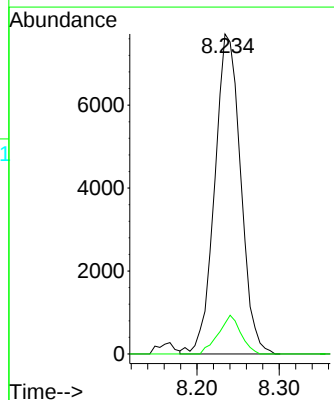
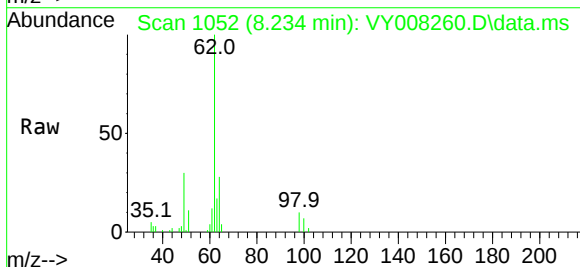
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

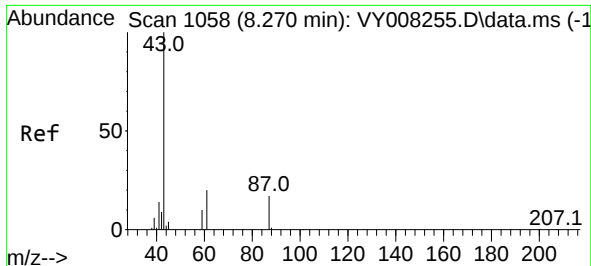
Tgt Ion: 41 Resp: 4761  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 101.7 0.0 0.0#  
52 39.2 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 10.938 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 62 Resp: 16927  
Ion Ratio Lower Upper  
62 100  
98 10.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 10.853 ug/l

RT: 8.271 min Scan# 11058

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC010

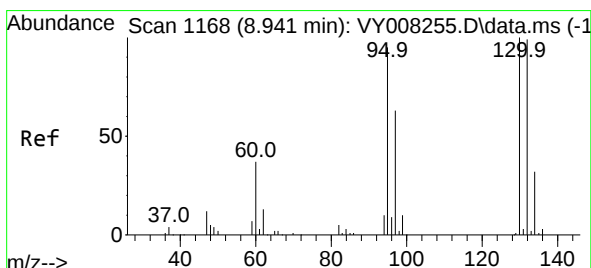
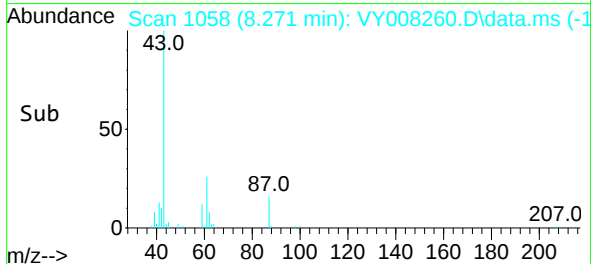
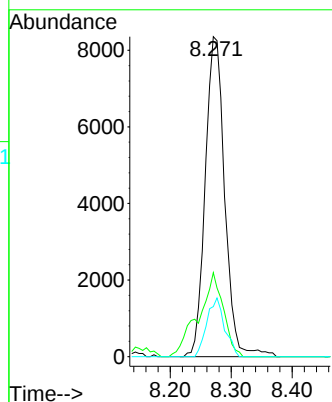
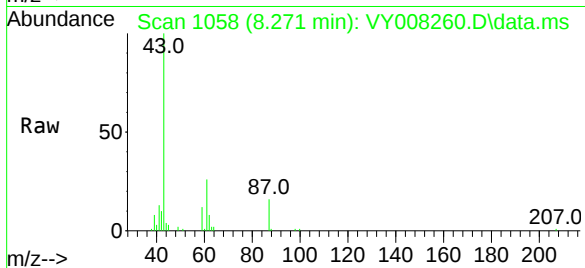
Tgt Ion: 43 Resp: 18572

Ion Ratio Lower Upper

43 100

61 33.5 20.2 30.2#

87 16.7 8.9 13.3#



#44

Trichloroethene

Concen: 10.230 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008260.D

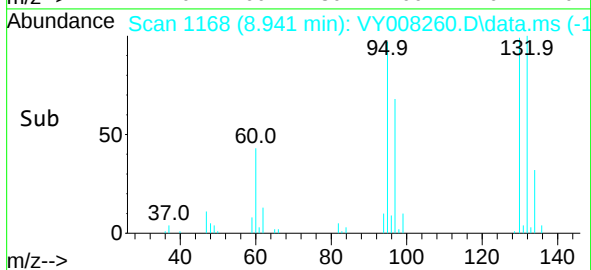
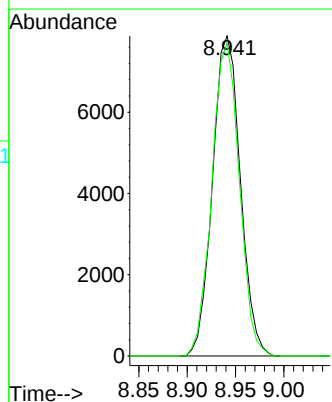
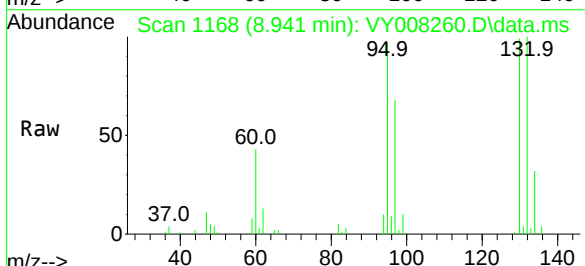
Acq: 08 Apr 2022 15:26

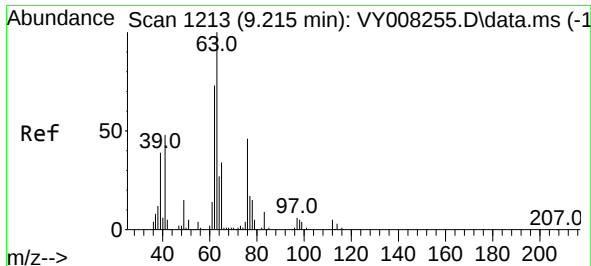
Tgt Ion:130 Resp: 15753

Ion Ratio Lower Upper

130 100

95 97.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 10.700 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

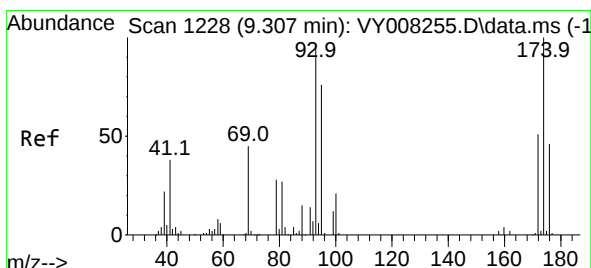
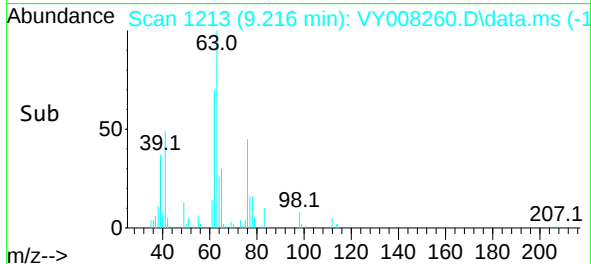
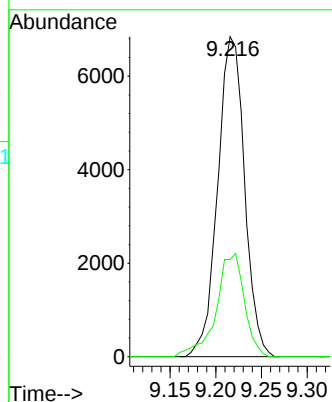
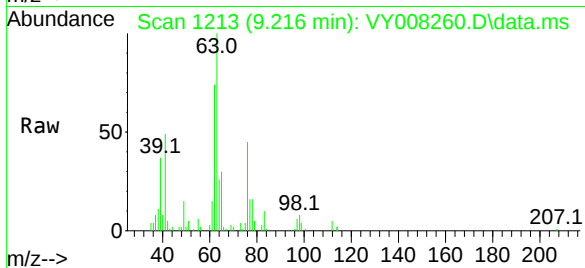
VSTDICC010

Tgt Ion: 63 Resp: 13990

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 10.599 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

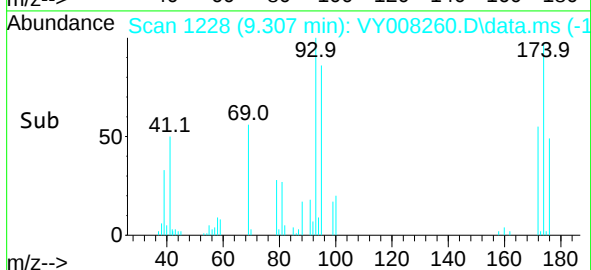
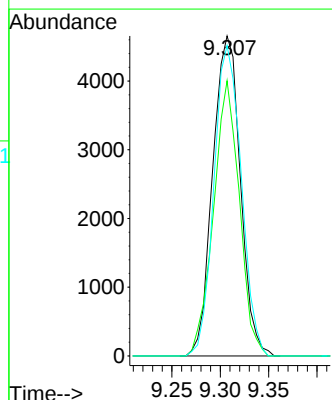
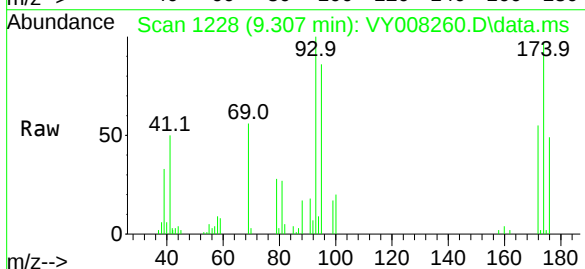
Tgt Ion: 93 Resp: 9234

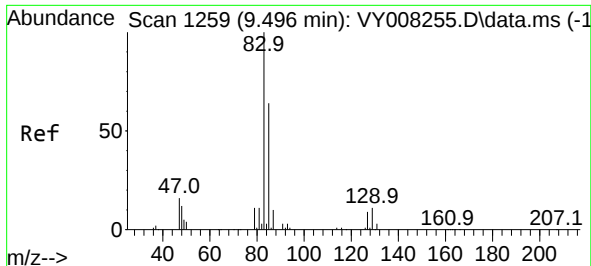
Ion Ratio Lower Upper

93 100

95 80.5 64.3 96.5

174 95.8 83.4 125.0

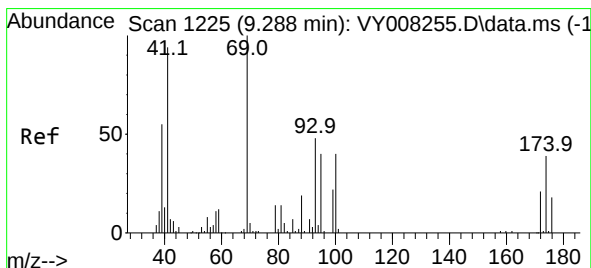
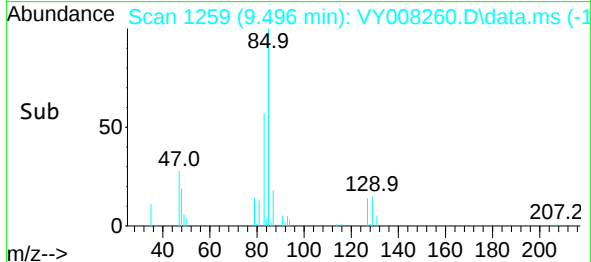
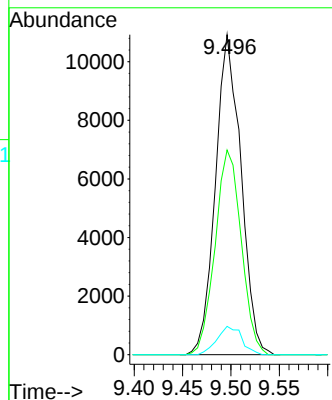
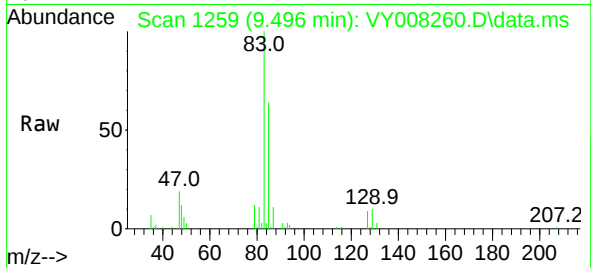




#47  
Bromodichloromethane  
Concen: 10.343 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

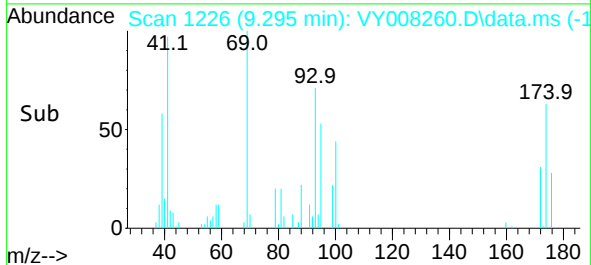
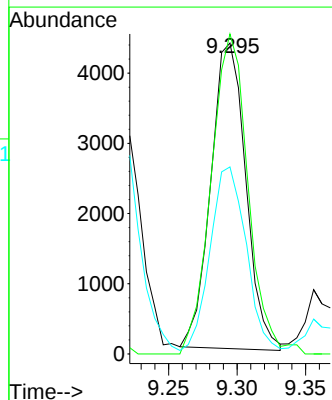
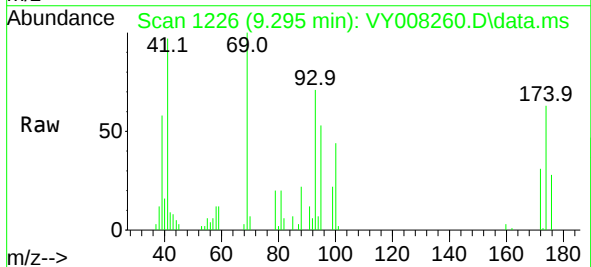
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

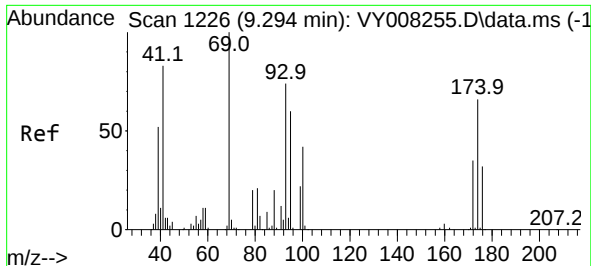
Tgt Ion: 83 Resp: 20048  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.9 77.9  
127 8.9 6.6 10.0



#48  
Methyl methacrylate  
Concen: 10.773 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 41 Resp: 7731  
Ion Ratio Lower Upper  
41 100  
69 110.5 58.2 87.2#  
39 62.0 47.4 71.0





#49

1,4-Dioxane

Concen: 214.537 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC010

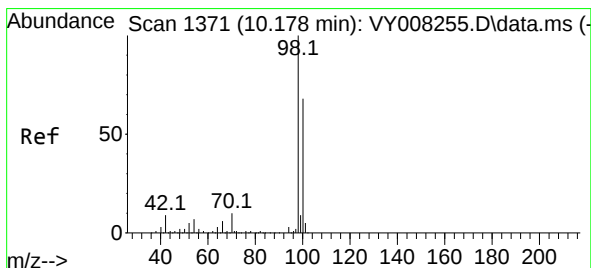
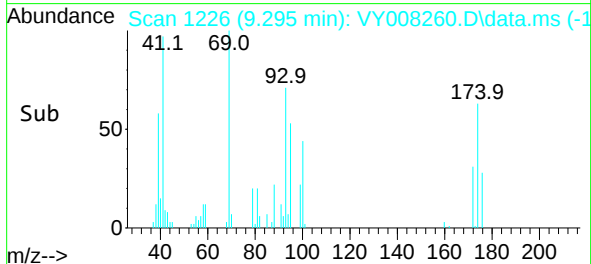
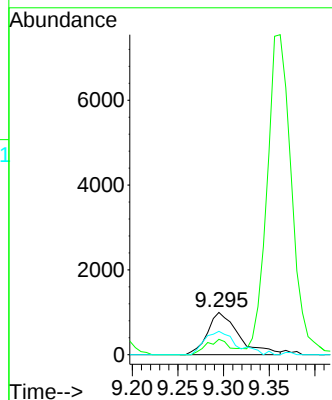
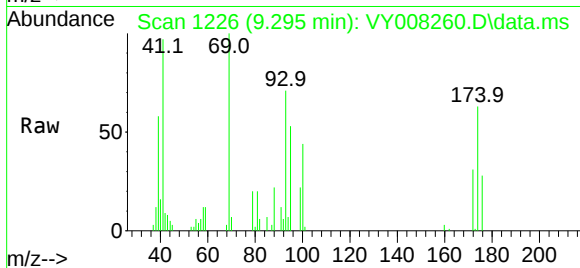
Tgt Ion: 88 Resp: 2366

Ion Ratio Lower Upper

88 100

43 26.5 32.8 49.2#

58 56.8 59.8 89.6#



#50

Toluene-d8

Concen: 10.696 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008260.D

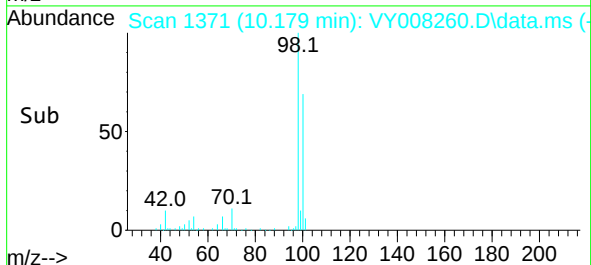
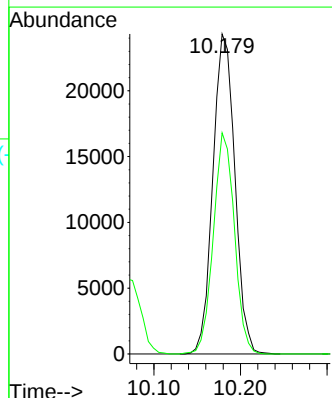
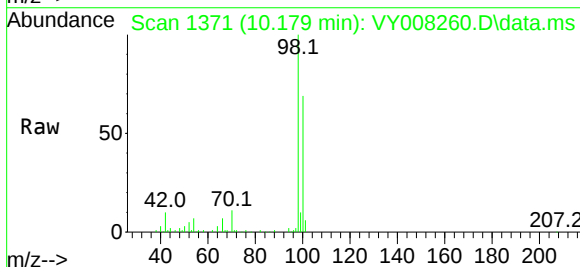
Acq: 08 Apr 2022 15:26

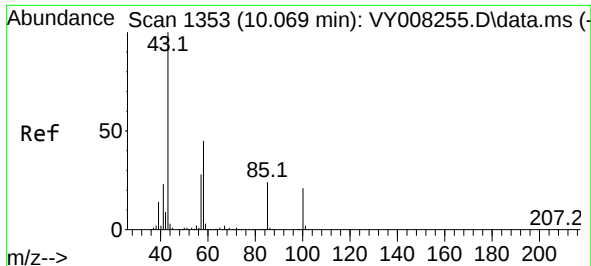
Tgt Ion: 98 Resp: 42874

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 54.006 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

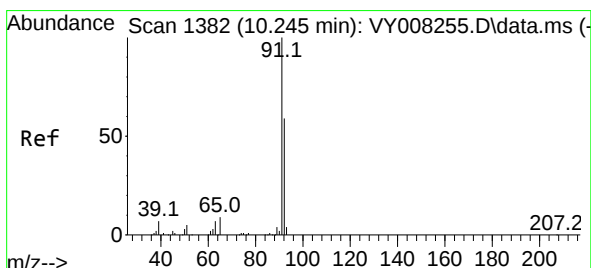
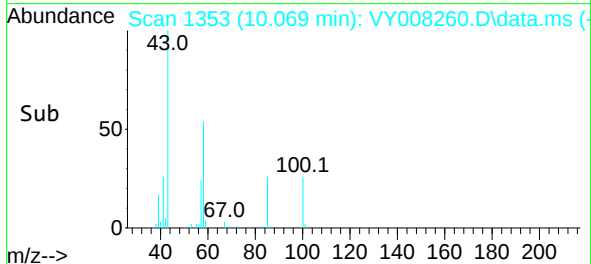
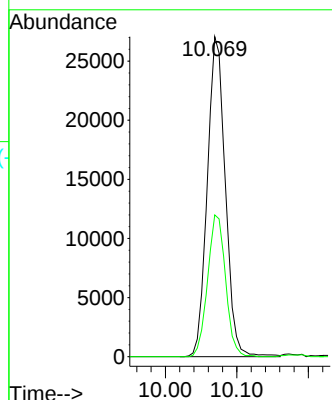
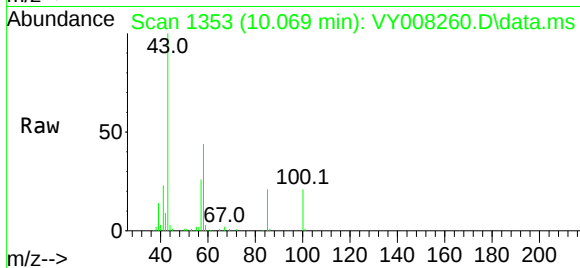
VSTDIC010

Tgt Ion: 43 Resp: 47435

Ion Ratio Lower Upper

43 100

58 44.0 28.1 42.1#



#52

Toluene

Concen: 10.305 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY008260.D

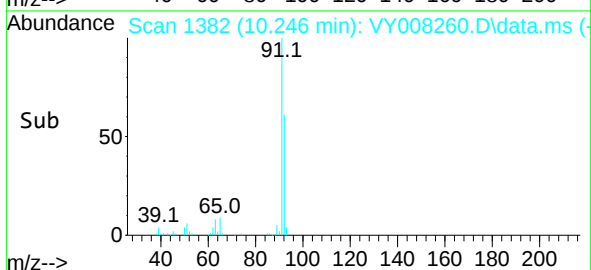
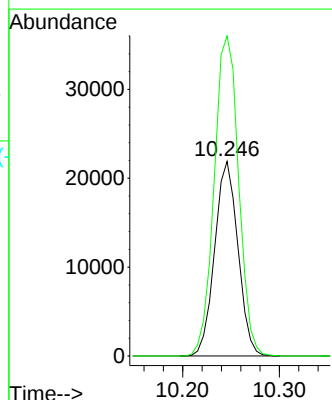
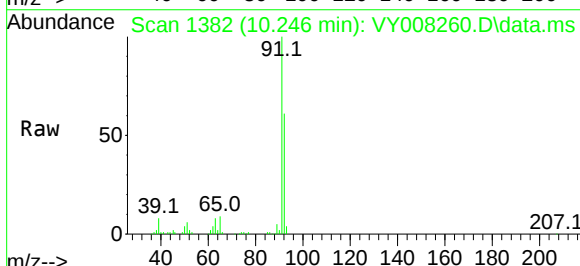
Acq: 08 Apr 2022 15:26

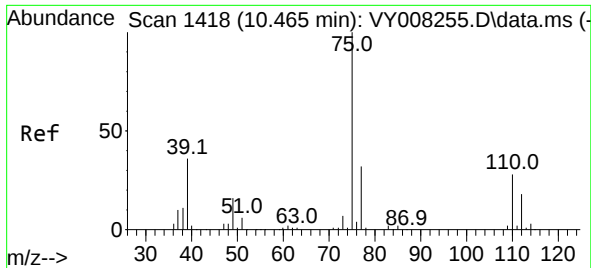
Tgt Ion: 92 Resp: 36533

Ion Ratio Lower Upper

92 100

91 172.9 142.6 213.8

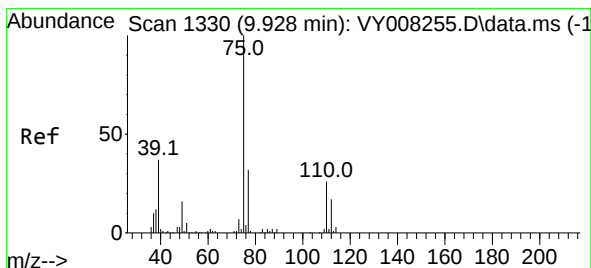
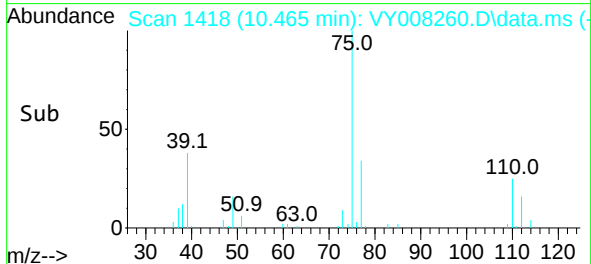
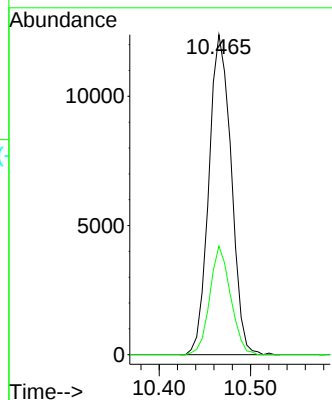
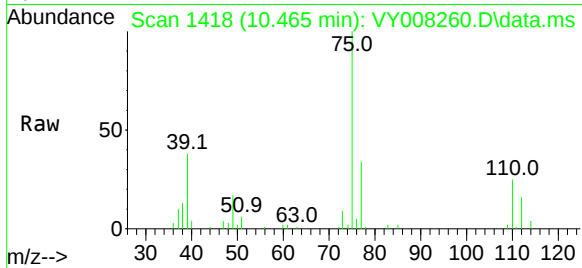




#53  
 t-1,3-Dichloropropene  
 Concen: 10.679 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

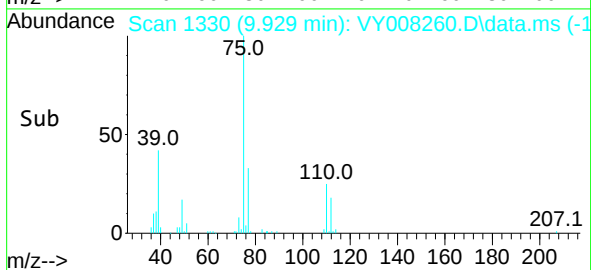
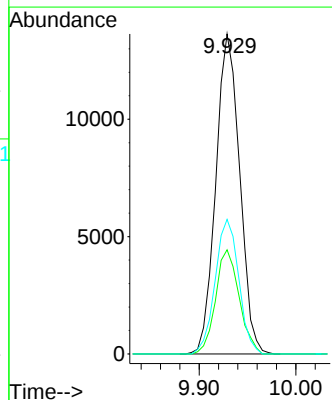
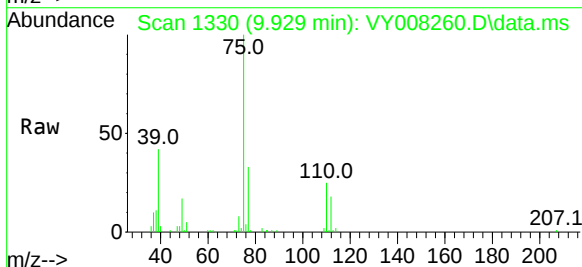
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

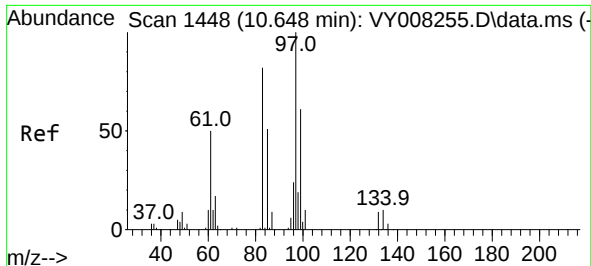
Tgt Ion: 75 Resp: 21001  
 Ion Ratio Lower Upper  
 75 100  
 77 34.0 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 10.536 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

Tgt Ion: 75 Resp: 23359  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.6 38.4  
 39 42.1 47.6 71.4#

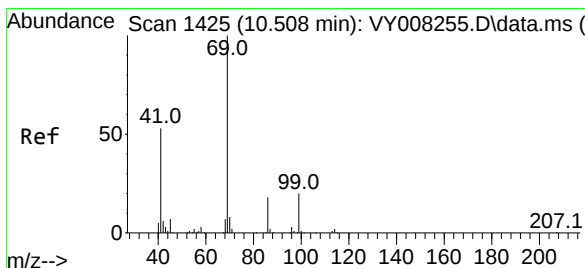
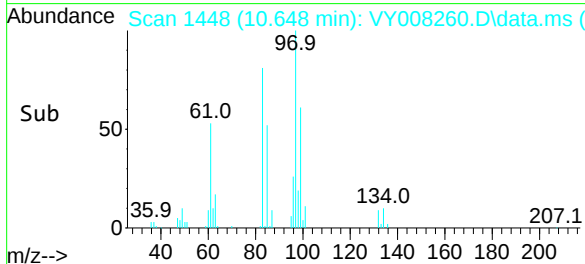
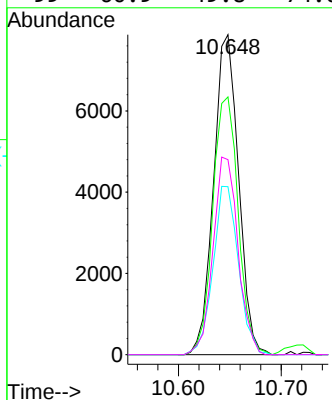
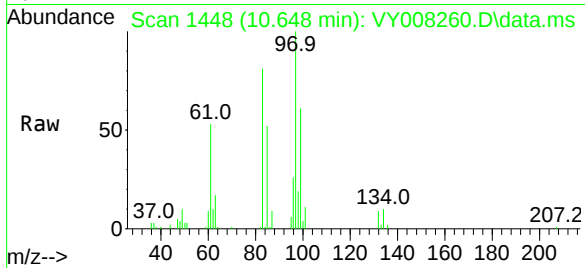




#55  
1,1,2-Trichloroethane  
Concen: 10.862 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

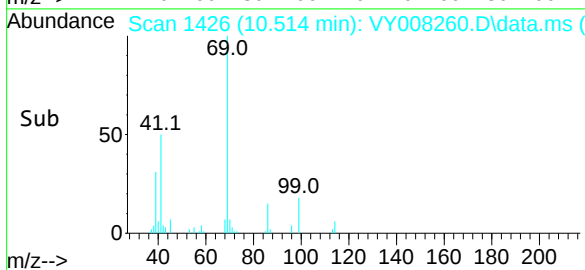
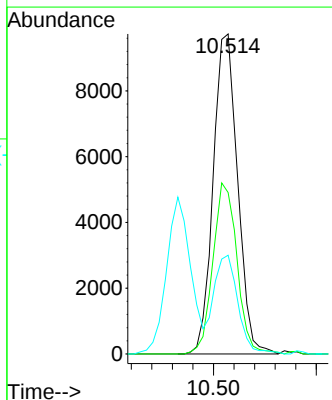
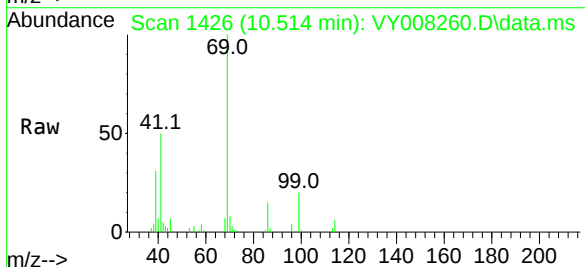
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

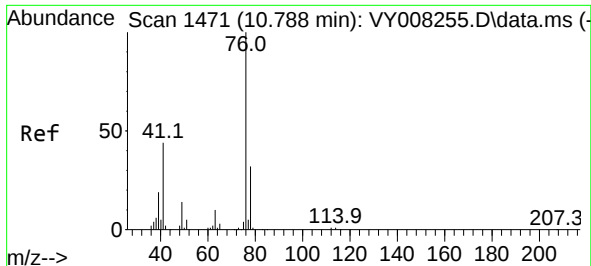
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 13282 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 80.6     | 69.8 104.8  |
| 85 52.5     | 44.3 66.5   |
| 99 60.9     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 10.715 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 16015 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 52.8     | 63.4 95.0#  |
| 39 30.8     | 35.8 53.8#  |





#57

1,3-Dichloropropane

Concen: 10.814 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

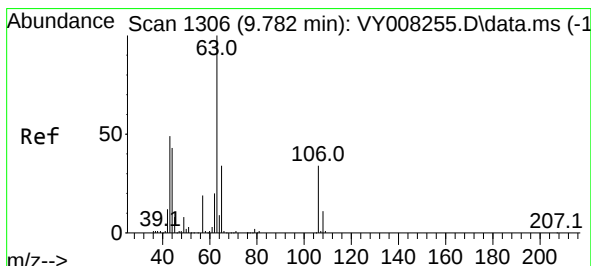
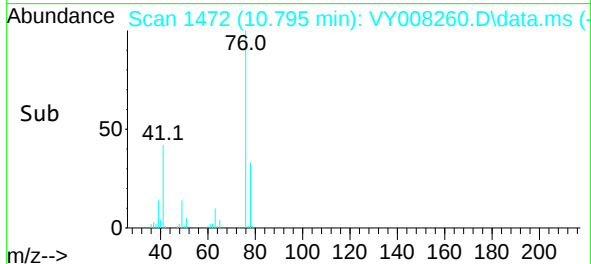
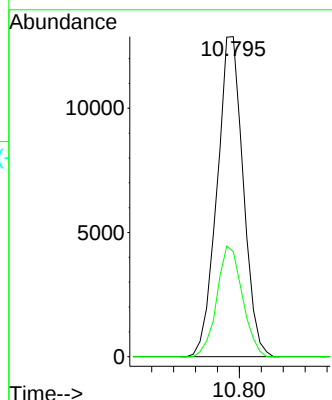
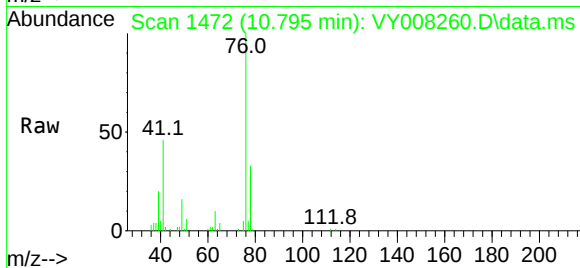
VSTDIC010

Tgt Ion: 76 Resp: 21337

Ion Ratio Lower Upper

76 100

78 33.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 51.499 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008260.D

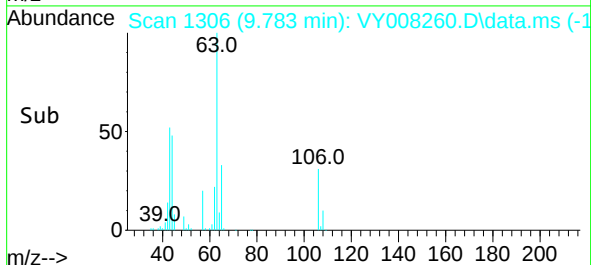
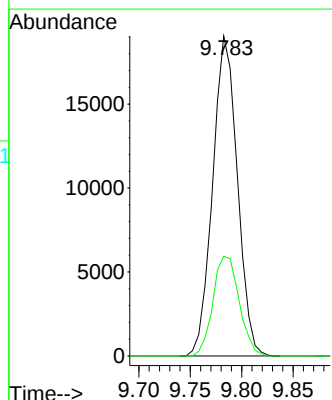
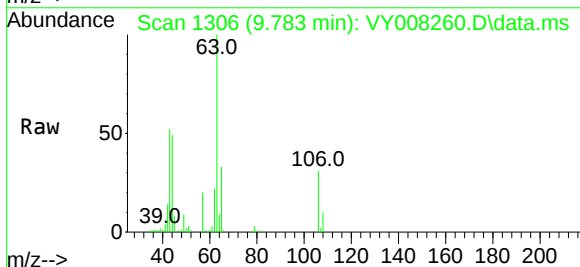
Acq: 08 Apr 2022 15:26

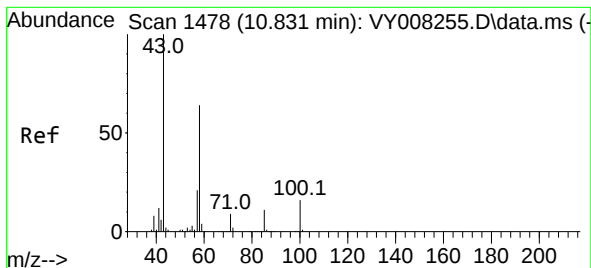
Tgt Ion: 63 Resp: 31770

Ion Ratio Lower Upper

63 100

106 33.1 21.5 32.3#

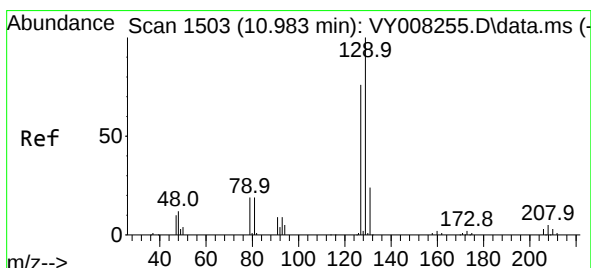
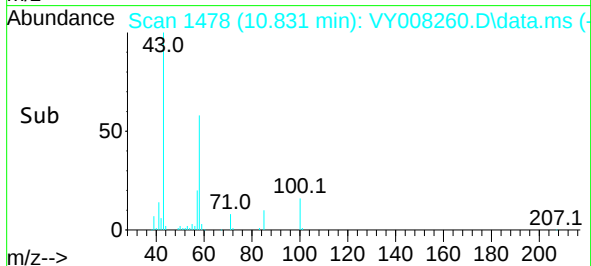
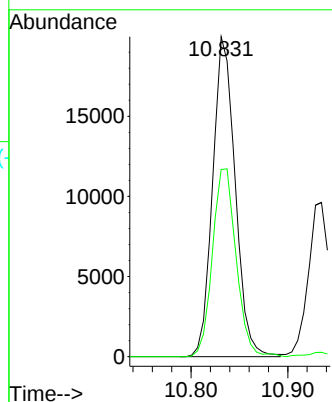
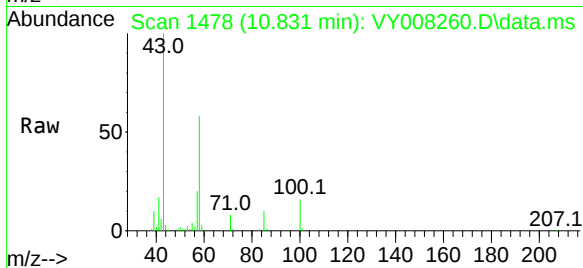




#59  
2-Hexanone  
Concen: 53.322 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

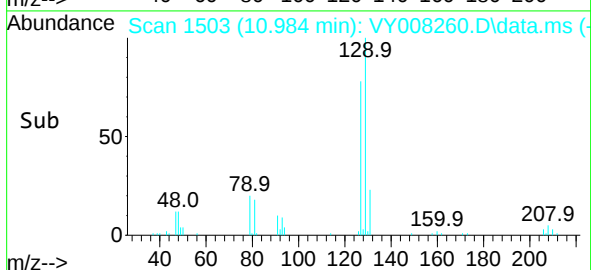
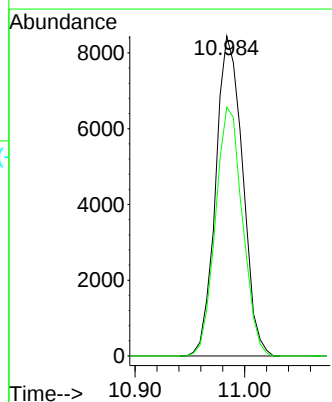
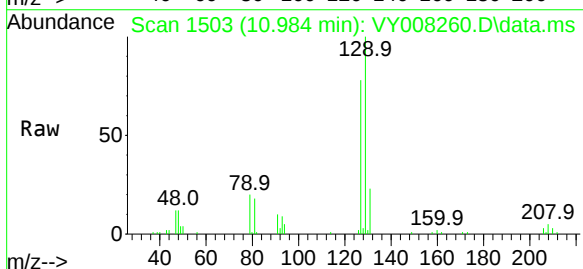
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

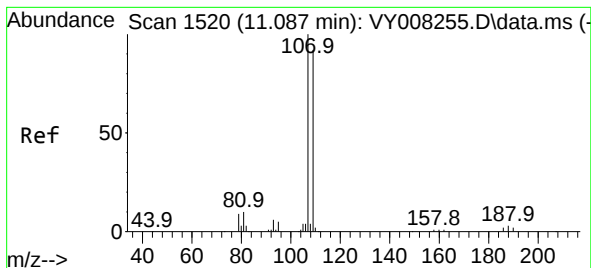
Tgt Ion: 43 Resp: 32298  
Ion Ratio Lower Upper  
43 100  
58 61.7 24.4 73.4



#60  
Dibromochloromethane  
Concen: 10.088 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 129 Resp: 14402  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 10.832 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

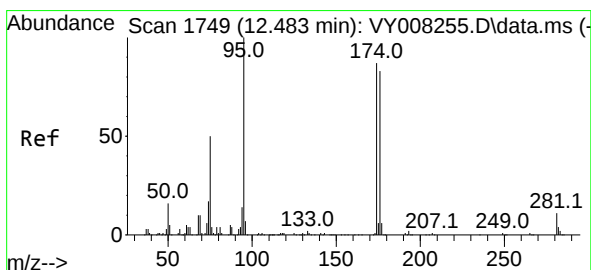
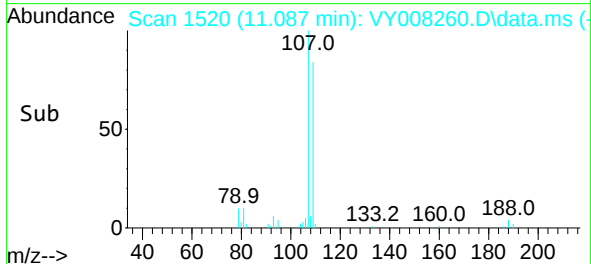
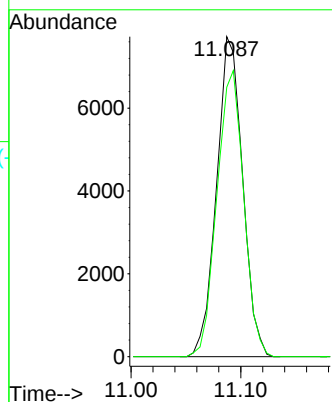
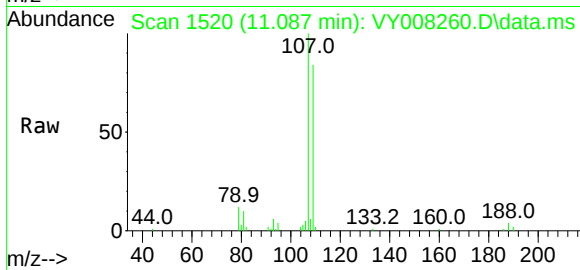
VSTDIC010

Tgt Ion:107 Resp: 12759

Ion Ratio Lower Upper

107 100

109 91.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 11.209 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

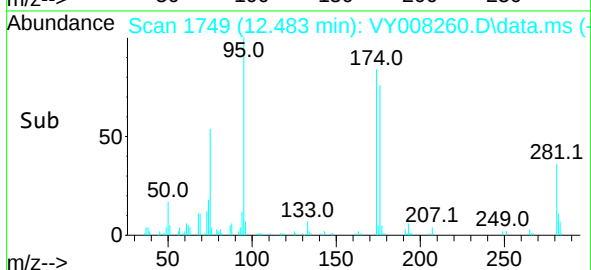
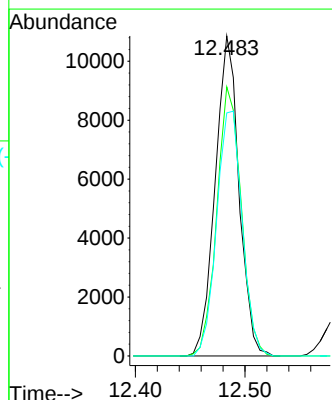
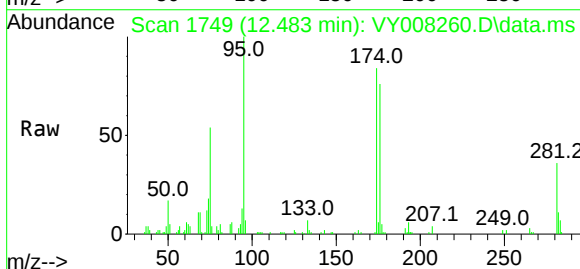
Tgt Ion: 95 Resp: 16376

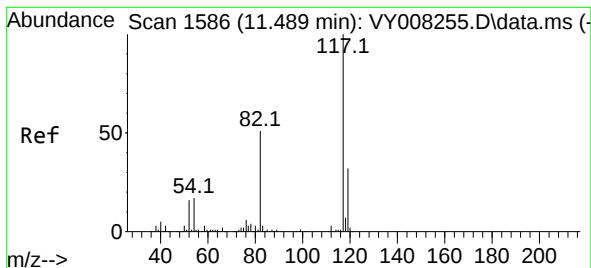
Ion Ratio Lower Upper

95 100

174 86.1 0.0 177.0

176 82.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC010

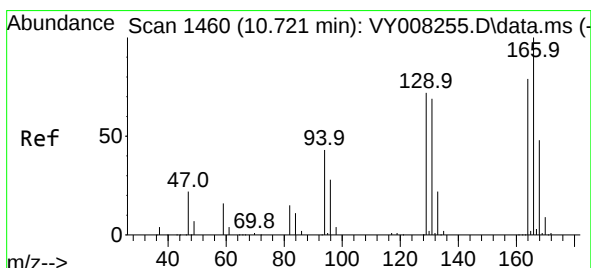
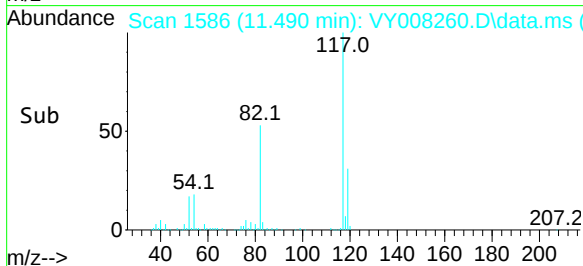
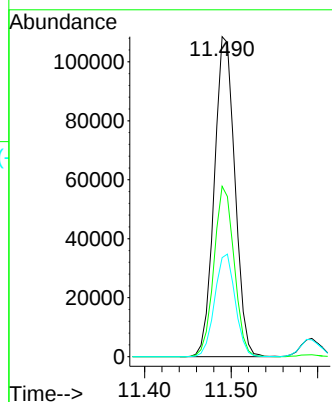
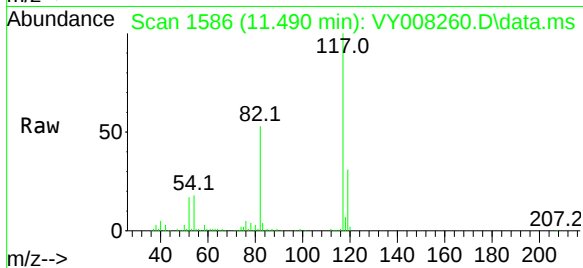
Tgt Ion:117 Resp: 179333

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 30.9 25.4 38.0



#64

Tetrachloroethene

Concen: 9.814 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Tgt Ion:164 Resp: 13111

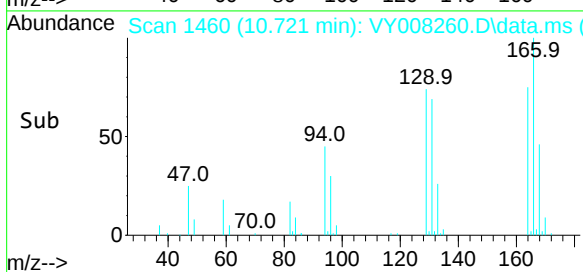
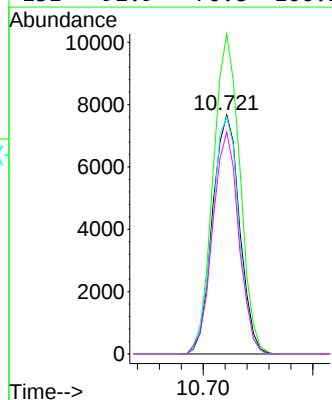
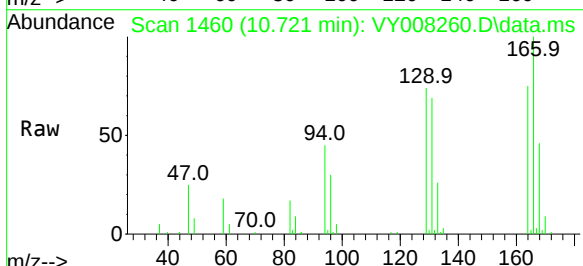
Ion Ratio Lower Upper

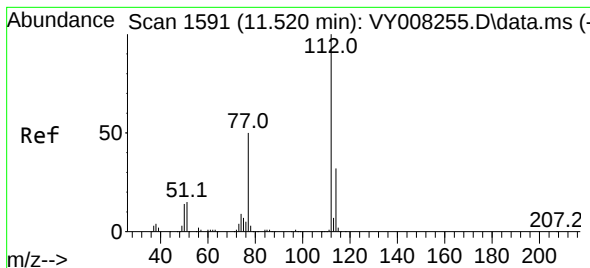
164 100

166 133.9 100.4 150.6

129 98.9 71.4 107.0

131 92.9 70.8 106.2





#65

Chlorobenzene

Concen: 10.366 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

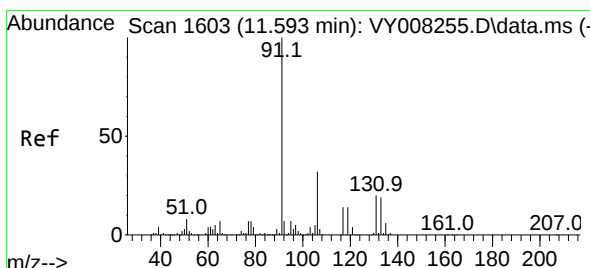
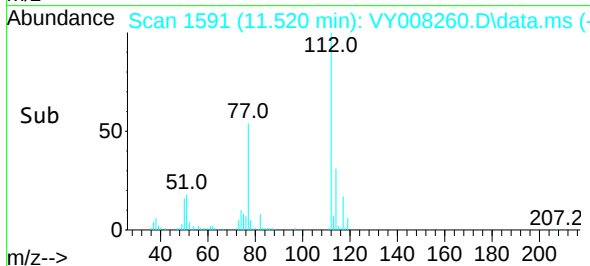
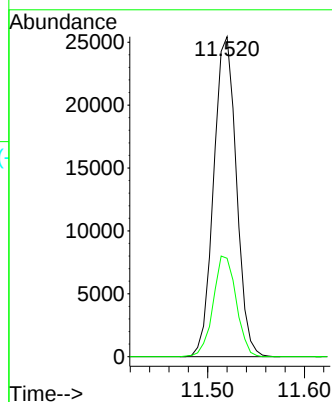
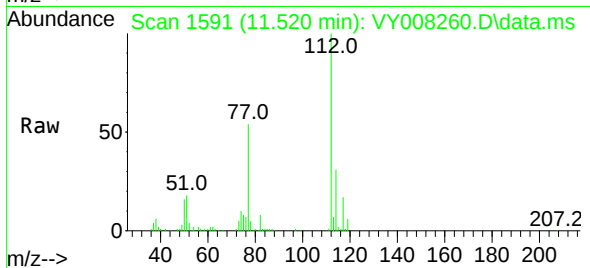
VSTDIC010

Tgt Ion:112 Resp: 41453

Ion Ratio Lower Upper

112 100

114 30.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 10.044 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

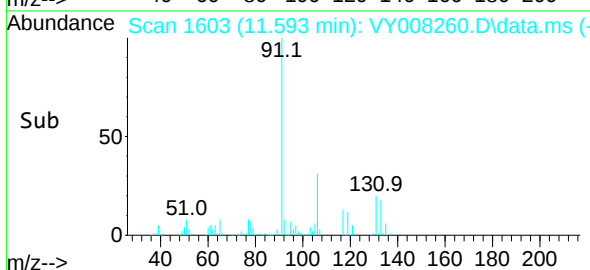
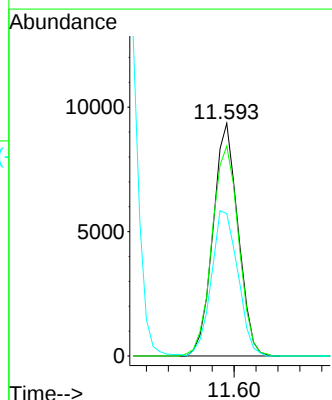
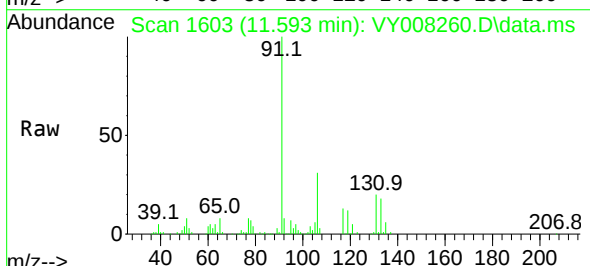
Tgt Ion:131 Resp: 14836

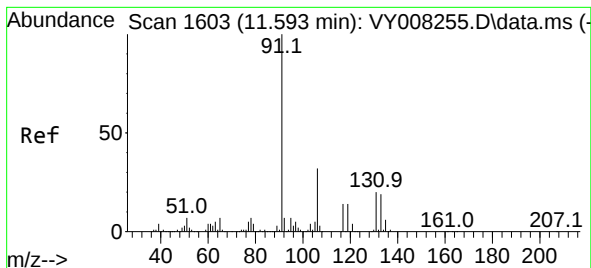
Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

119 65.9 30.8 92.3





#67

Ethyl Benzene

Concen: 10.296 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

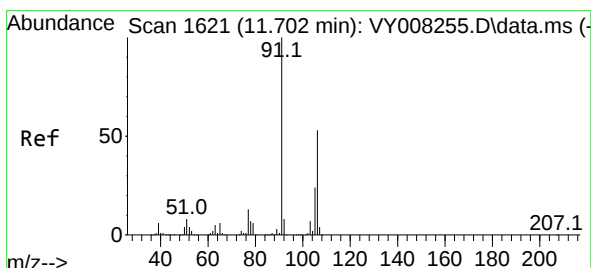
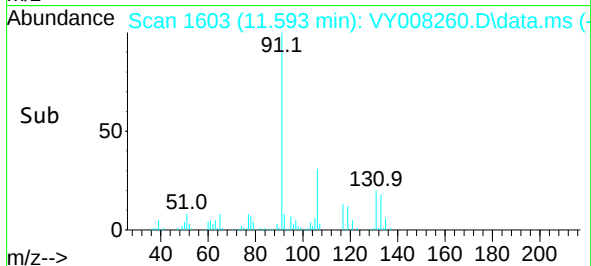
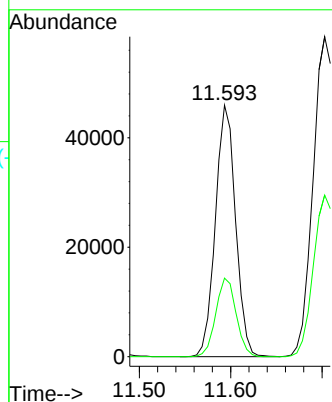
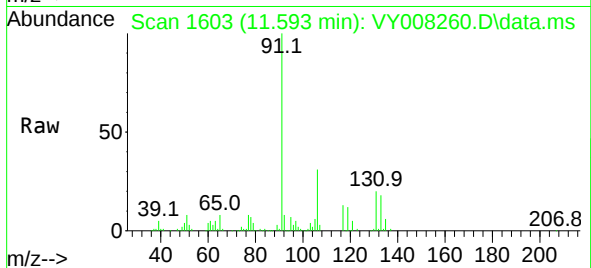
VSTDIC010

Tgt Ion: 91 Resp: 70435

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 20.047 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008260.D

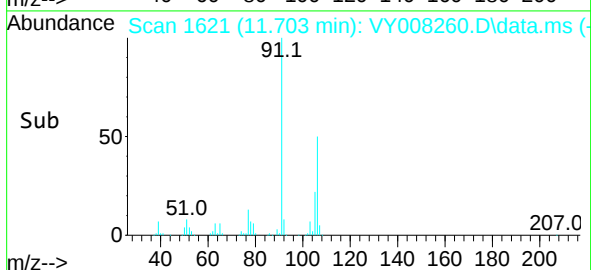
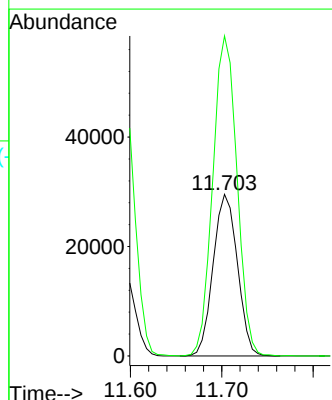
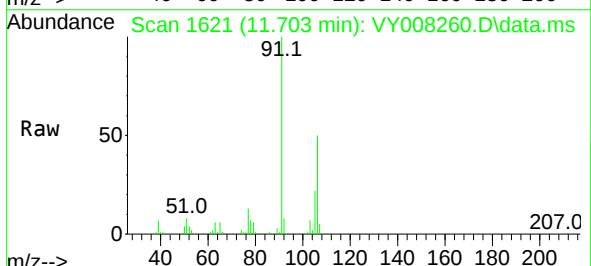
Acq: 08 Apr 2022 15:26

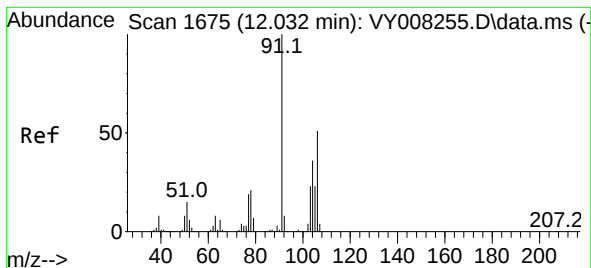
Tgt Ion:106 Resp: 54419

Ion Ratio Lower Upper

106 100

91 197.5 166.6 249.8

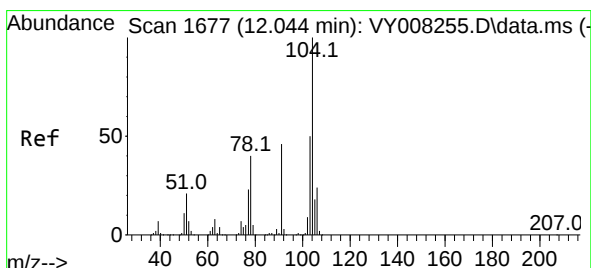
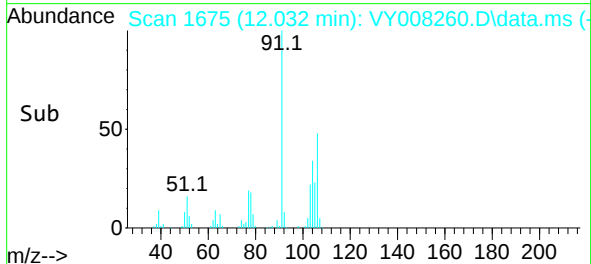
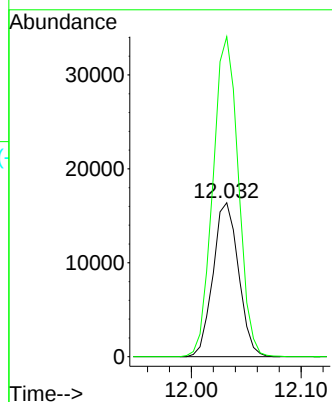
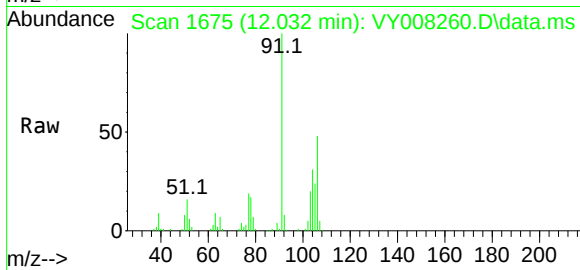




#69  
o-Xylene  
Concen: 10.060 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

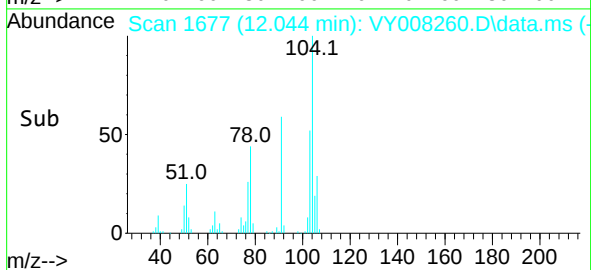
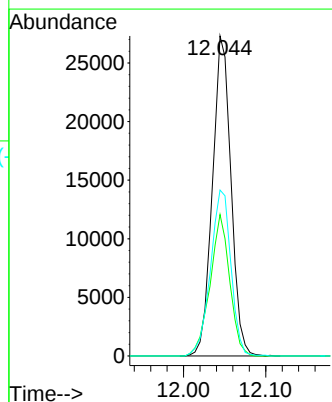
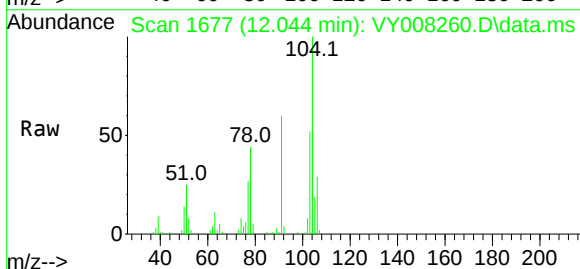
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

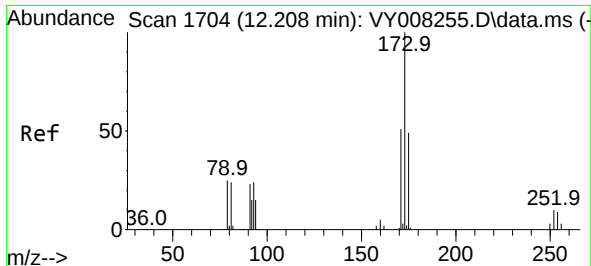
Tgt Ion:106 Resp: 26455  
Ion Ratio Lower Upper  
106 100  
91 207.4 110.3 331.0



#70  
Styrene  
Concen: 9.887 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion:104 Resp: 42781  
Ion Ratio Lower Upper  
104 100  
78 46.6 42.4 63.6  
103 57.1 44.4 66.6

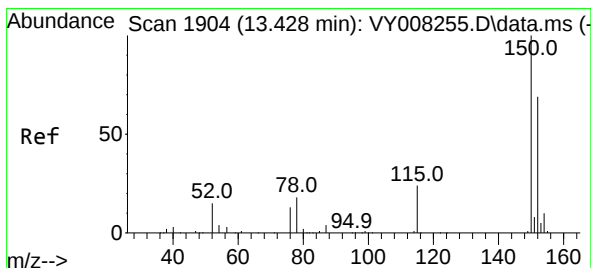
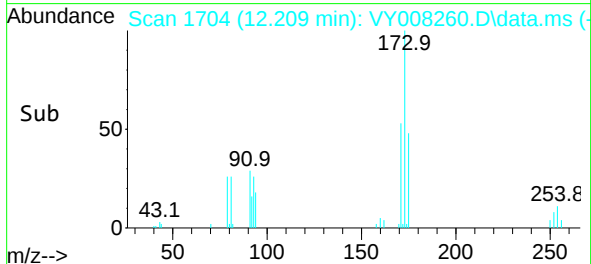
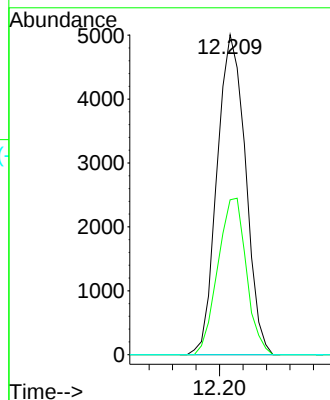
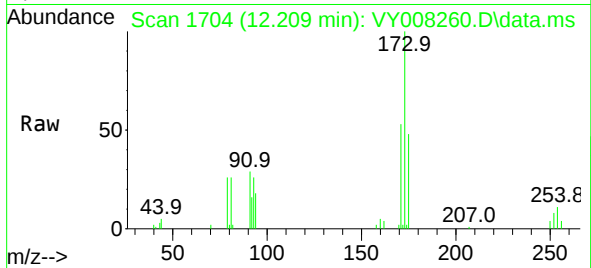




#71  
Bromoform  
Concen: 9.469 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

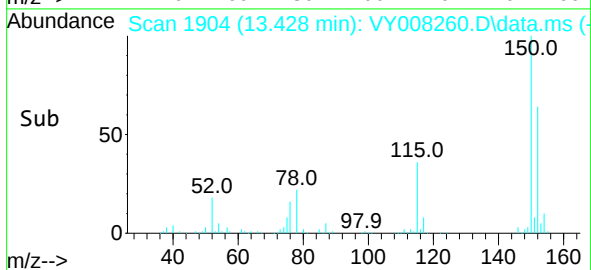
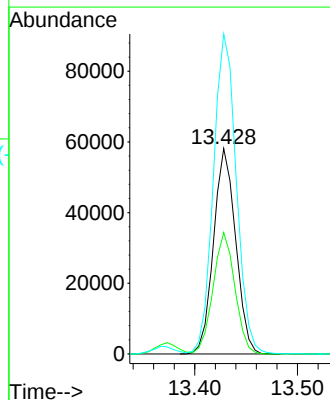
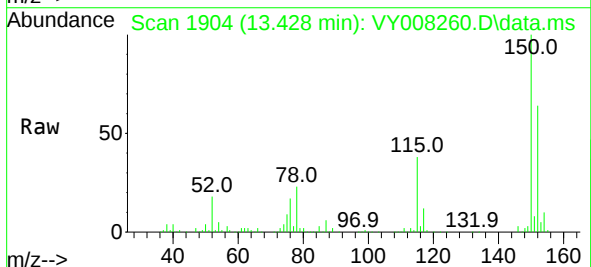
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

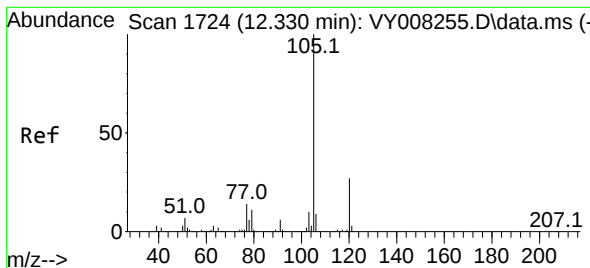
Tgt Ion:173 Resp: 8417  
Ion Ratio Lower Upper  
173 100  
175 49.0 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion:152 Resp: 86812  
Ion Ratio Lower Upper  
152 100  
115 58.3 28.2 84.7  
150 161.7 0.0 347.6





#73

Isopropylbenzene

Concen: 10.062 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

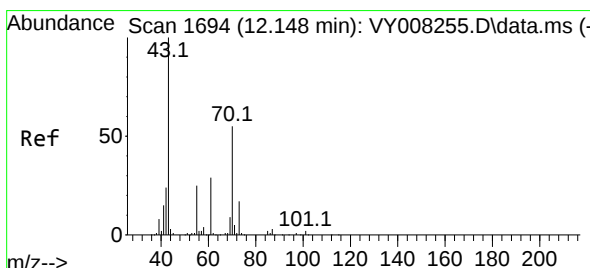
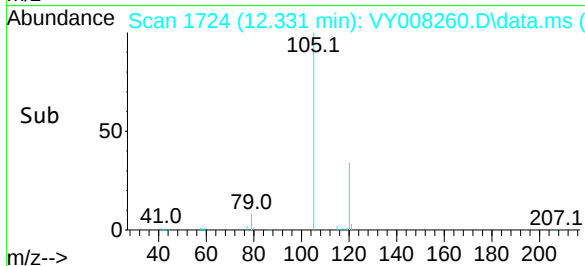
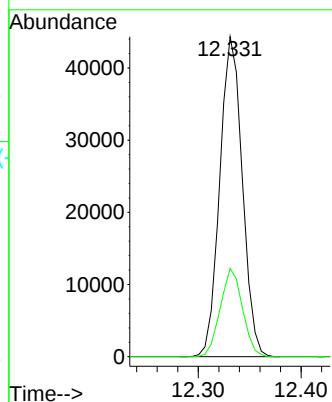
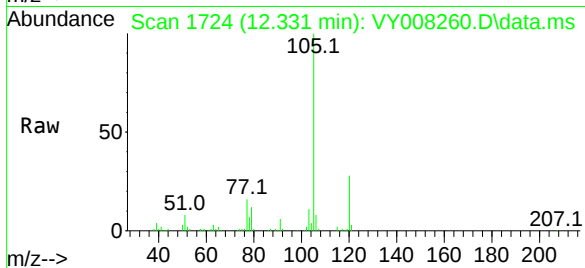
VSTDIC010

Tgt Ion:105 Resp: 67342

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 10.756 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Tgt Ion: 43 Resp: 15405

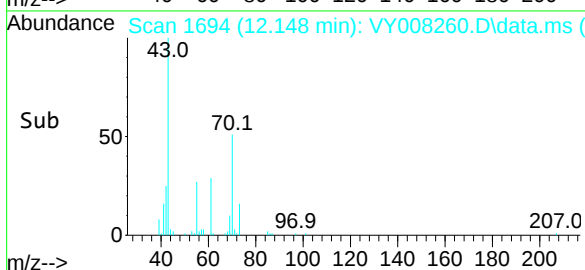
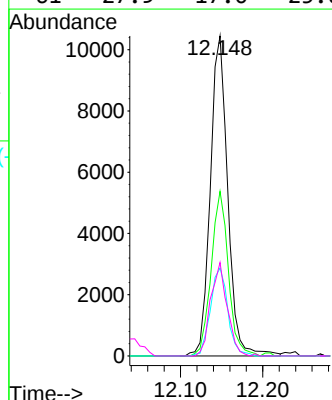
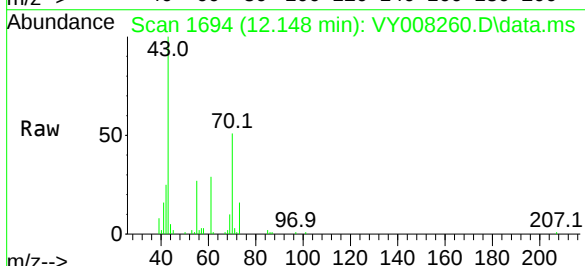
Ion Ratio Lower Upper

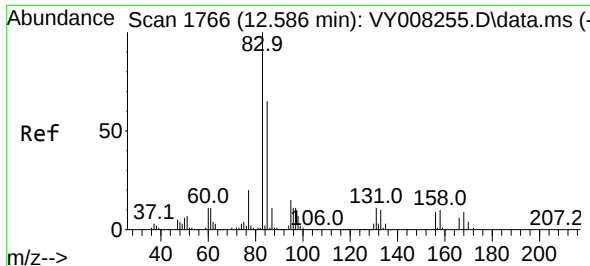
43 100

70 50.8 28.7 43.1#

55 27.4 17.3 25.9#

61 27.9 17.0 25.6#

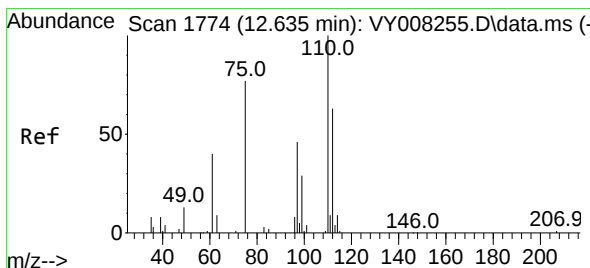
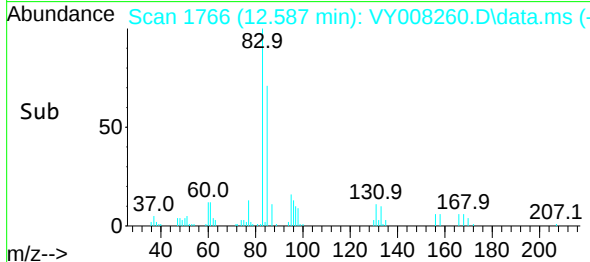
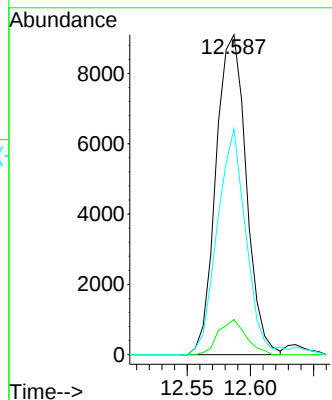
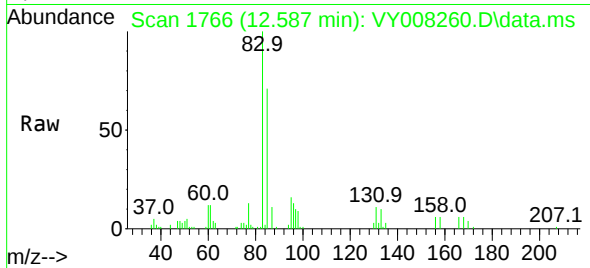




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 10.697 ug/l  
 RT: 12.587 min Scan# 1766  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

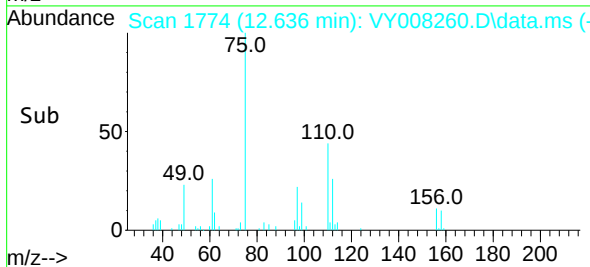
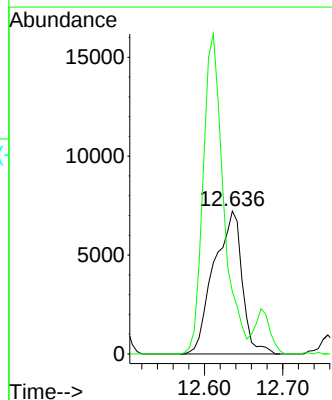
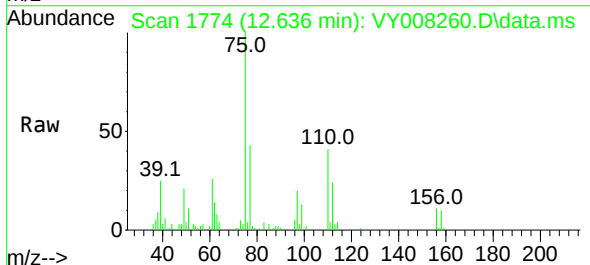
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

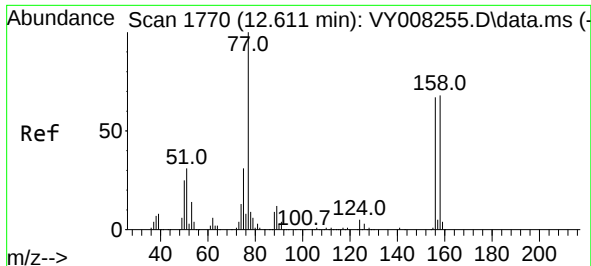
Tgt Ion: 83 Resp: 15142  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 5.6 16.8  
 85 68.4 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 15.336 ug/l  
 RT: 12.636 min Scan# 1774  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

Tgt Ion: 75 Resp: 18102  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

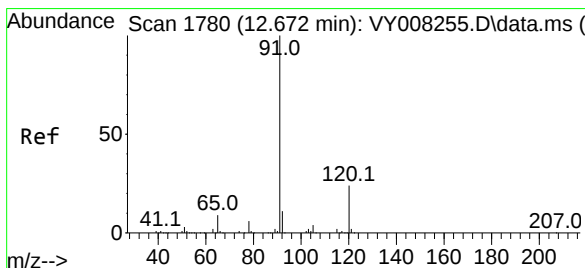
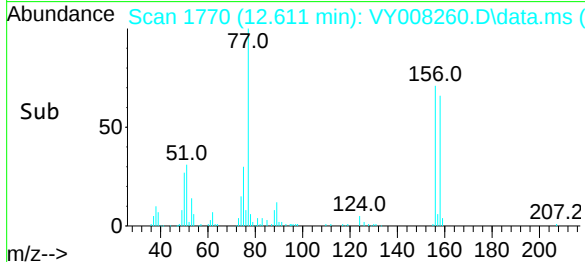
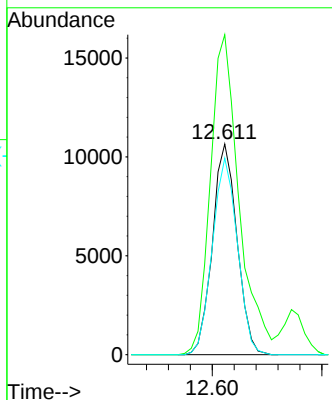
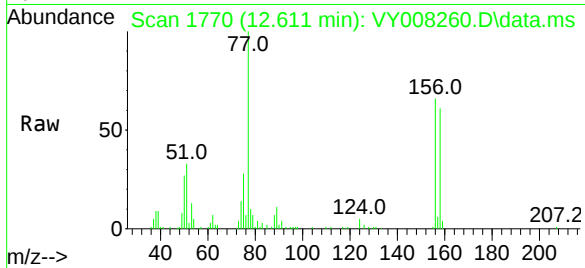




#77  
Bromobenzene  
Concen: 10.233 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

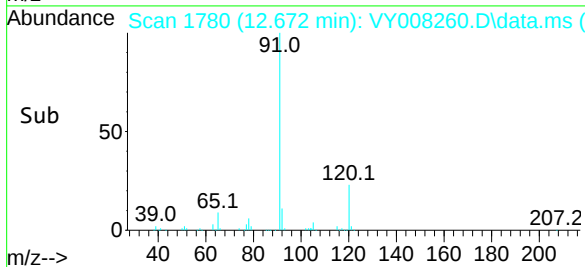
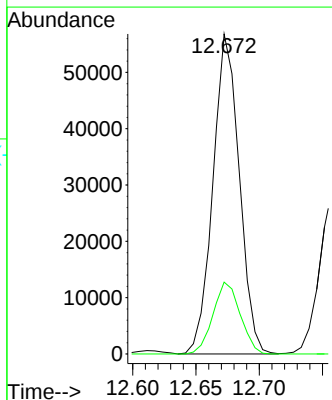
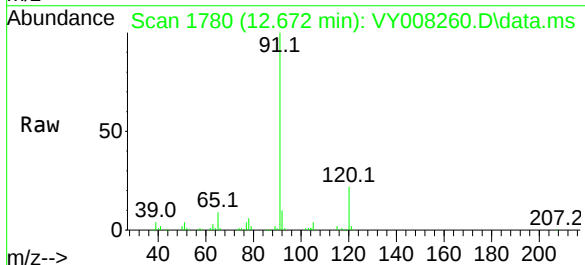
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

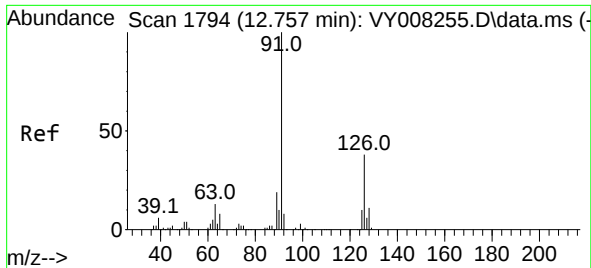
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 176.5 | 95.5  | 286.4 |
| 158     | 95.1  | 48.0  | 144.0 |



#78  
n-propylbenzene  
Concen: 10.433 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.1  | 11.3  | 33.9  |

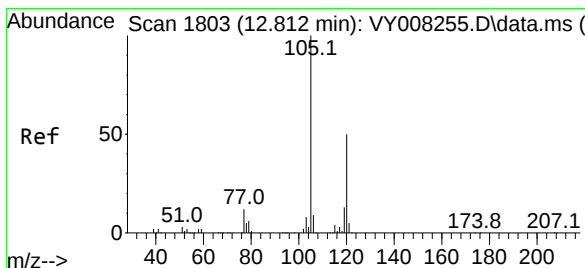
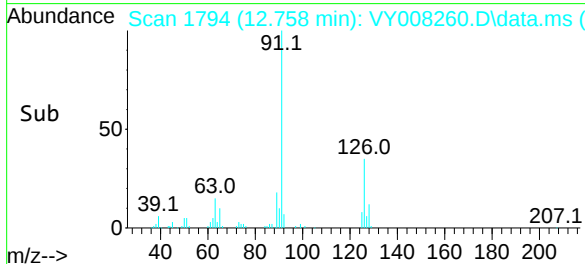
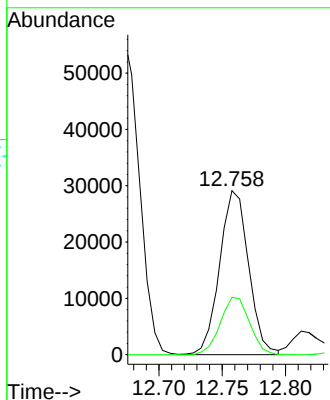
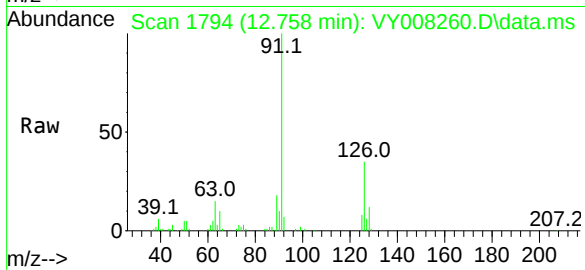




#79  
2-Chlorotoluene  
Concen: 10.471 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

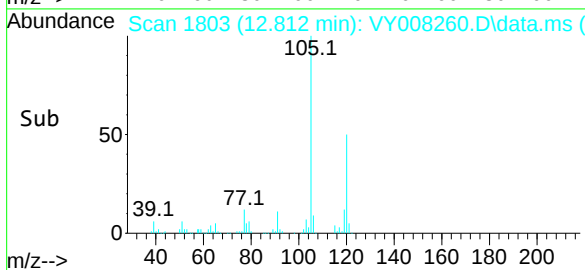
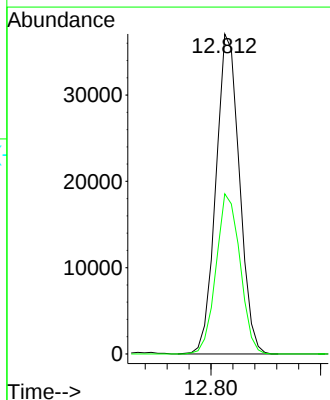
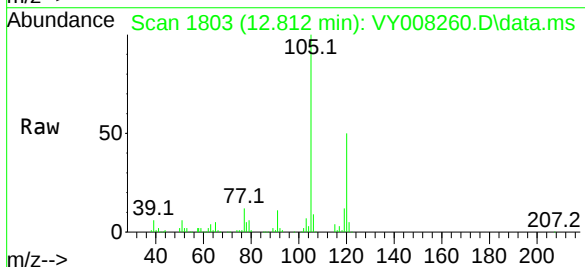
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

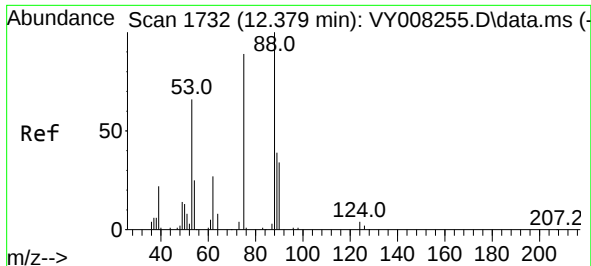
Tgt Ion: 91 Resp: 46488  
Ion Ratio Lower Upper  
91 100  
126 35.3 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 10.128 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 105 Resp: 55225  
Ion Ratio Lower Upper  
105 100  
120 51.1 24.4 73.4

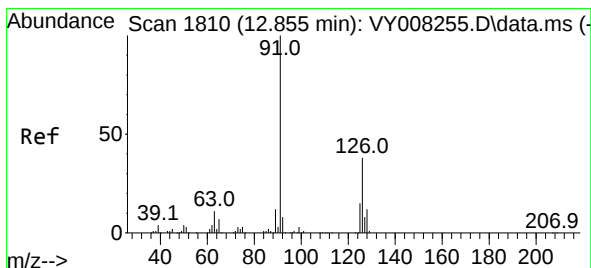
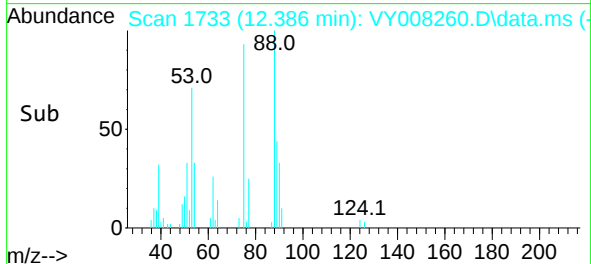
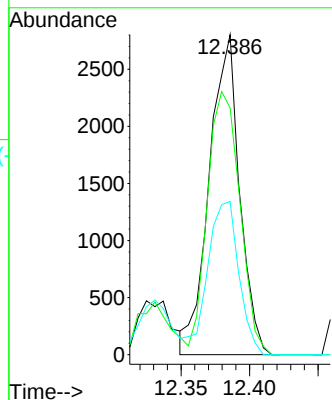
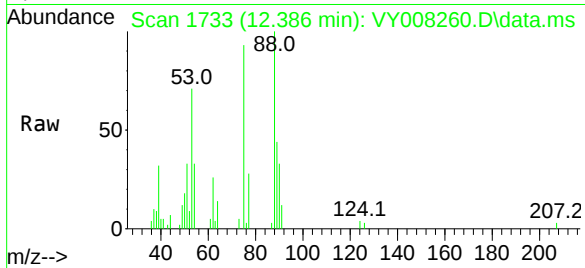




#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.801 ug/l  
RT: 12.386 min Scan# 1733  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

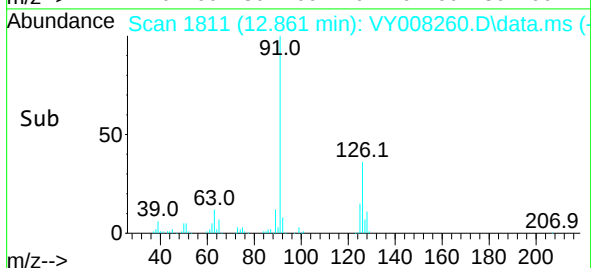
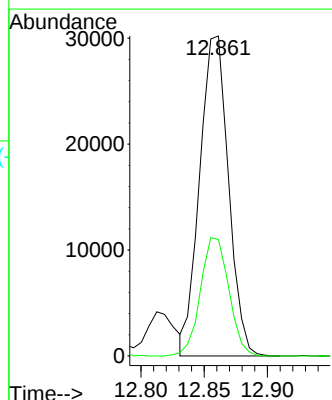
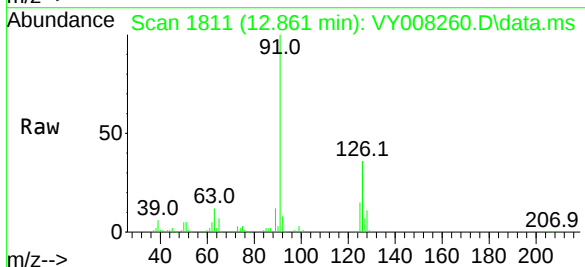
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

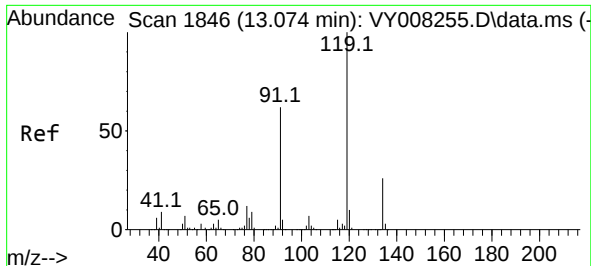
Tgt Ion: 75 Resp: 4301  
Ion Ratio Lower Upper  
75 100  
53 88.4 85.3 127.9  
89 49.8 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 10.621 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion: 91 Resp: 47886  
Ion Ratio Lower Upper  
91 100  
126 36.6 17.0 51.0

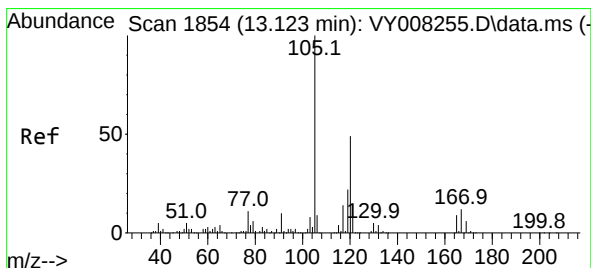
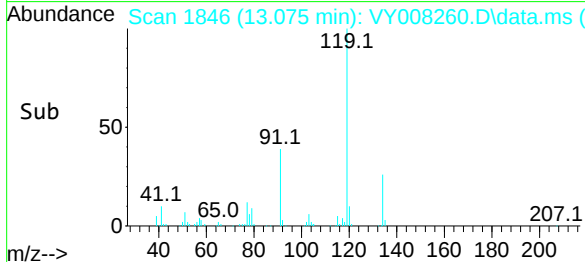
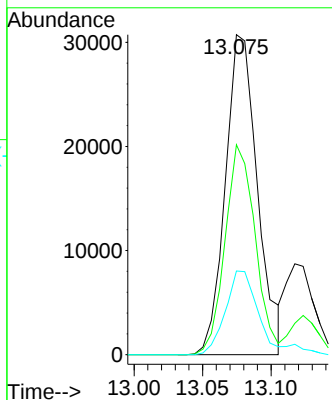
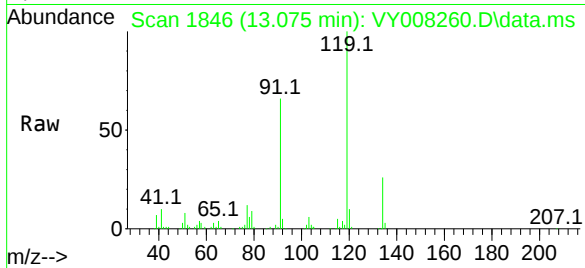




#83  
tert-Butylbenzene  
Concen: 10.218 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

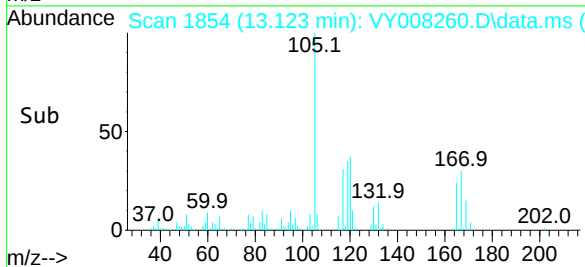
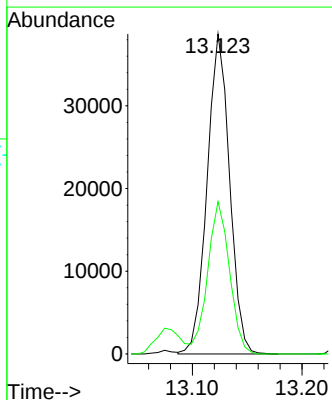
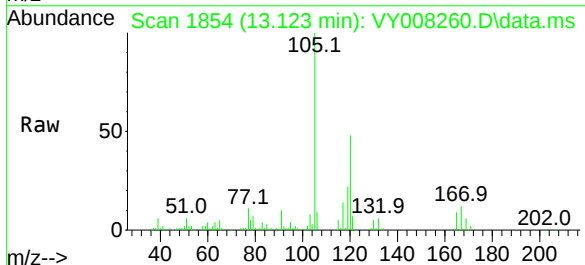
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

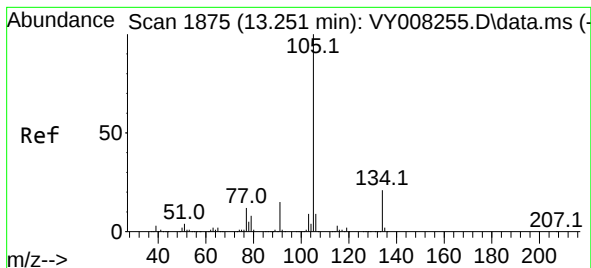
Tgt Ion:119 Resp: 50240  
Ion Ratio Lower Upper  
119 100  
91 61.5 34.8 104.4  
134 27.9 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 10.208 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion:105 Resp: 55062  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 10.374 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

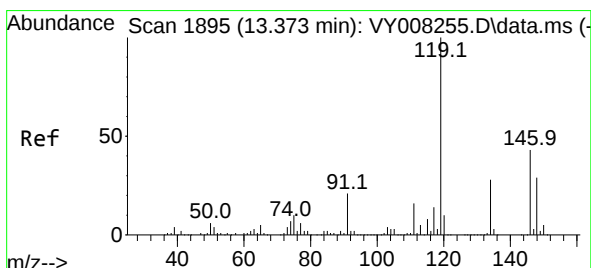
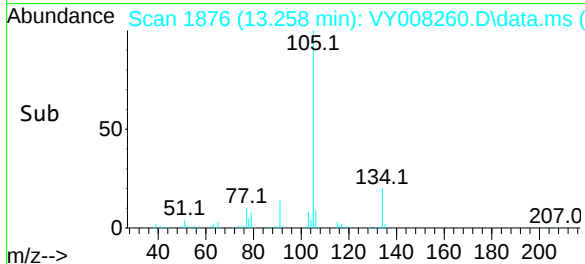
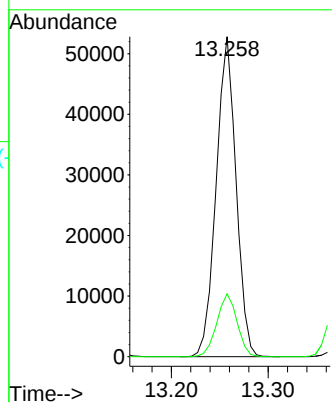
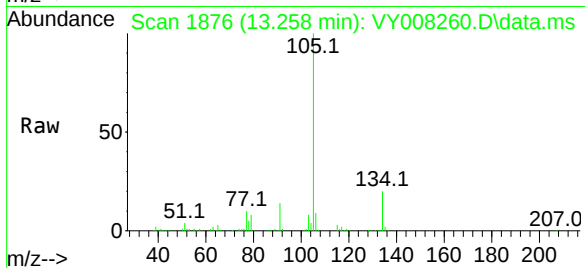
VSTDIC010

Tgt Ion:105 Resp: 75198

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 10.045 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

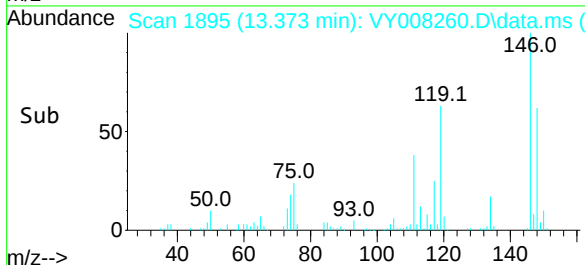
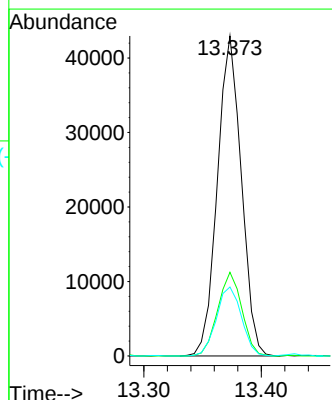
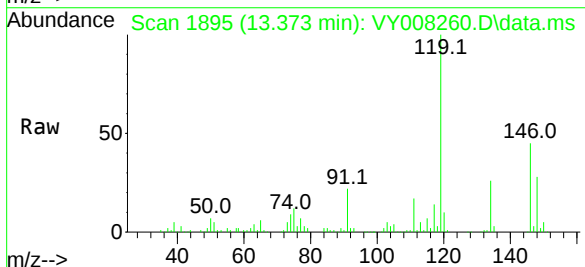
Tgt Ion:119 Resp: 60797

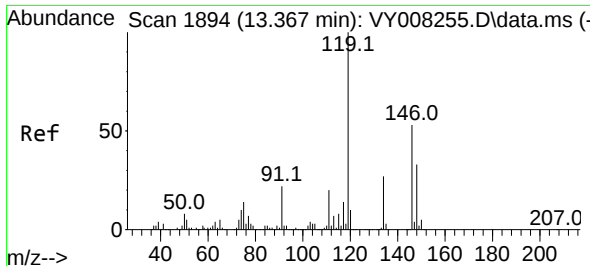
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 22.7 12.4 37.2

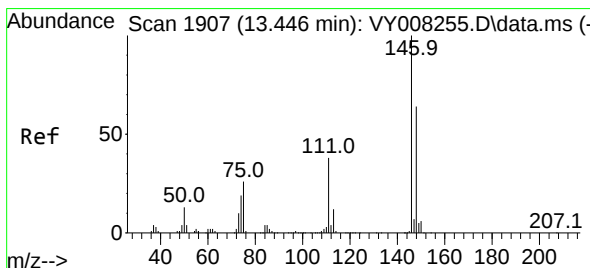
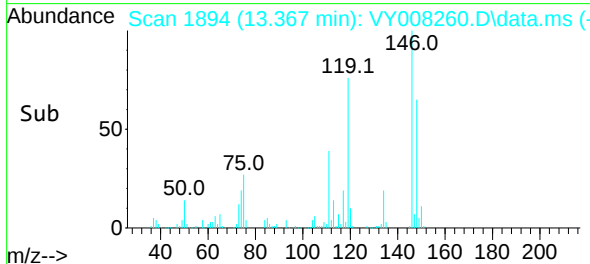
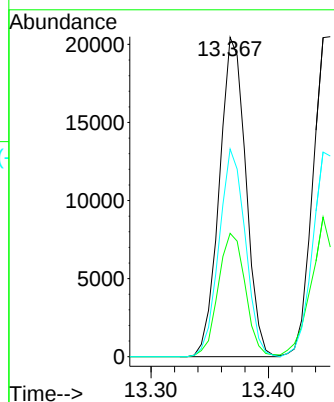
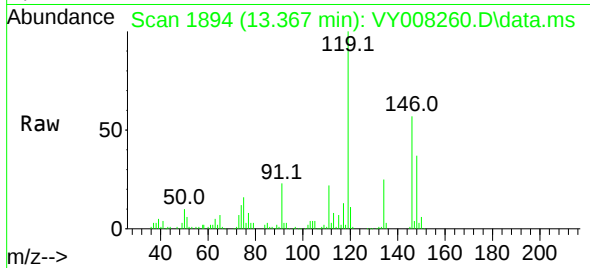




#87  
1,3-Dichlorobenzene  
Concen: 9.957 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

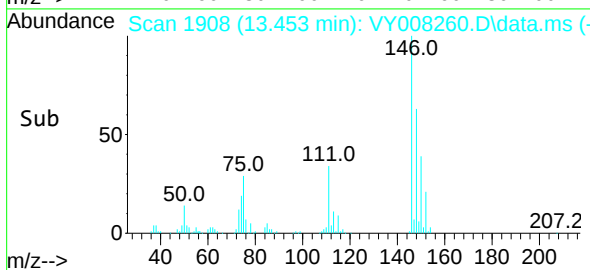
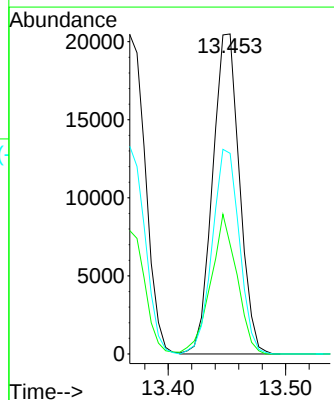
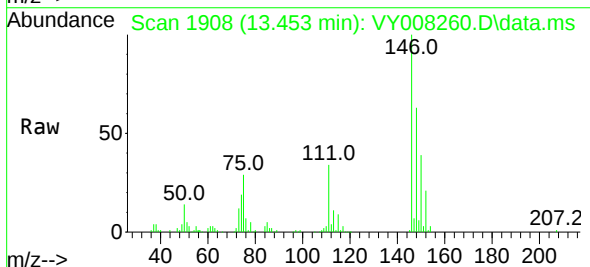
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

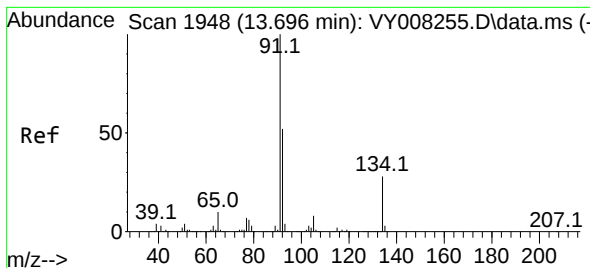
Tgt Ion:146 Resp: 32007  
Ion Ratio Lower Upper  
146 100  
111 39.7 19.5 58.5  
148 64.6 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 10.267 ug/l  
RT: 13.453 min Scan# 1908  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Tgt Ion:146 Resp: 32595  
Ion Ratio Lower Upper  
146 100  
111 42.3 19.3 57.8  
148 64.4 32.6 97.8





#89

n-Butylbenzene

Concen: 10.370 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC010

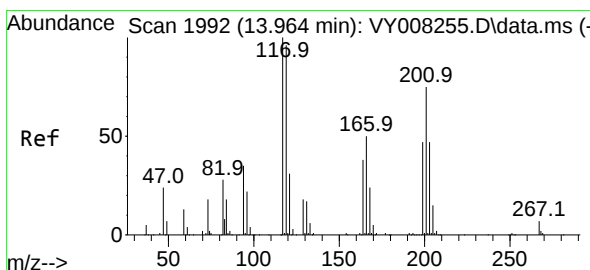
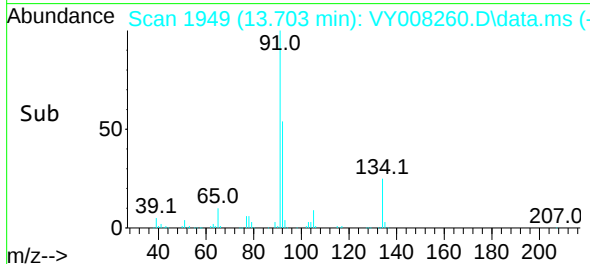
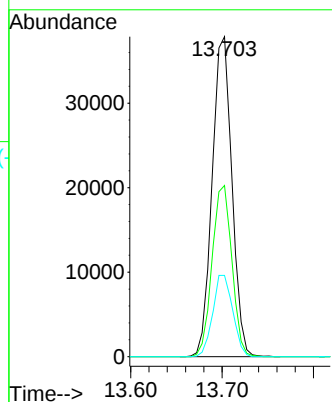
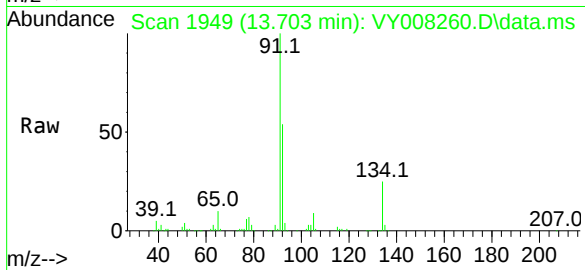
Tgt Ion: 91 Resp: 56811

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 9.812 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY008260.D

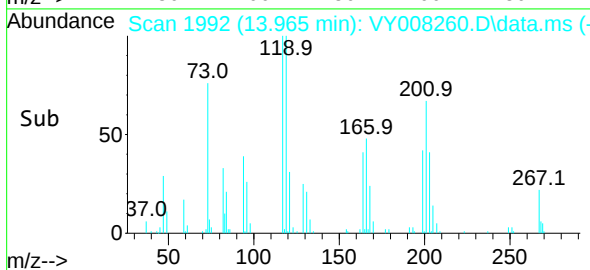
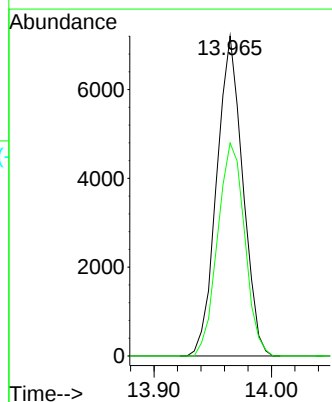
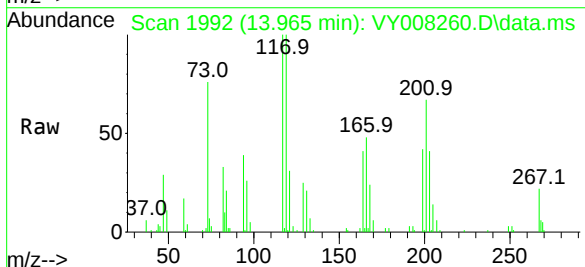
Acq: 08 Apr 2022 15:26

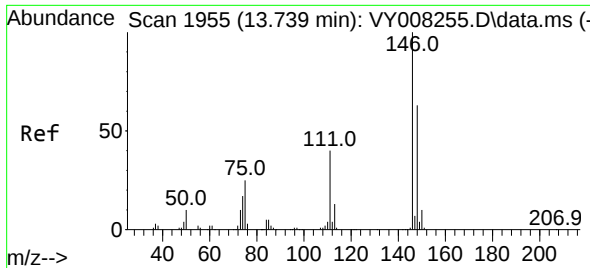
Tgt Ion: 117 Resp: 11124

Ion Ratio Lower Upper

117 100

201 69.0 43.0 128.8

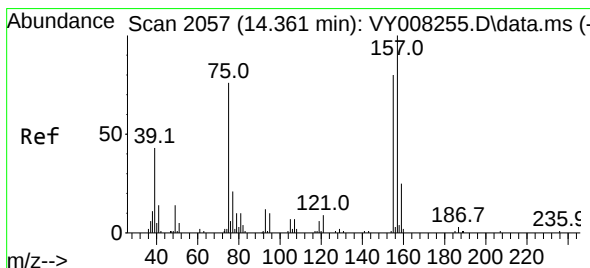
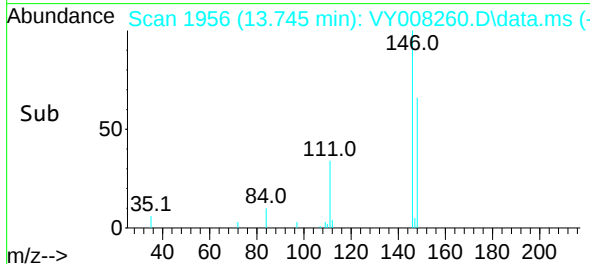
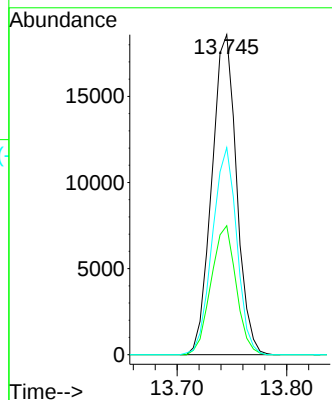
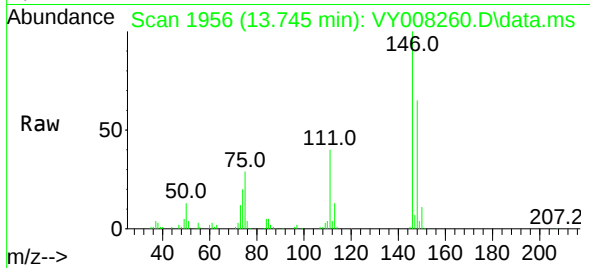




#91  
 1,2-Dichlorobenzene  
 Concen: 10.226 ug/l  
 RT: 13.745 min Scan# 1955  
 Delta R.T. 0.007 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

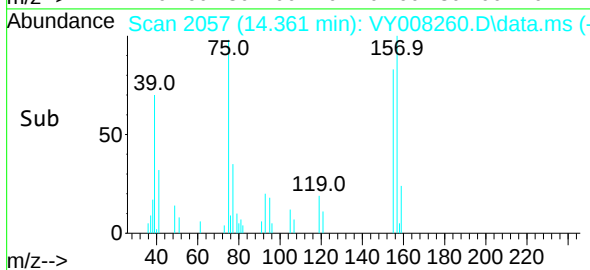
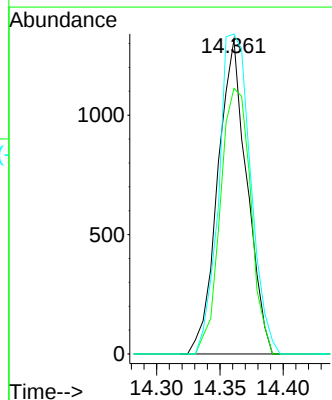
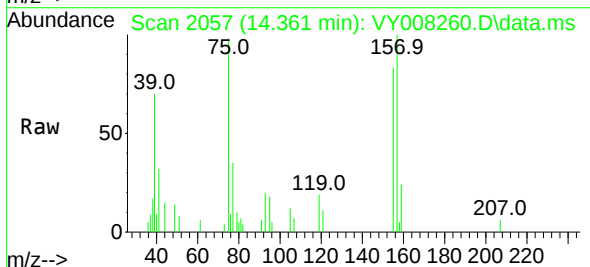
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

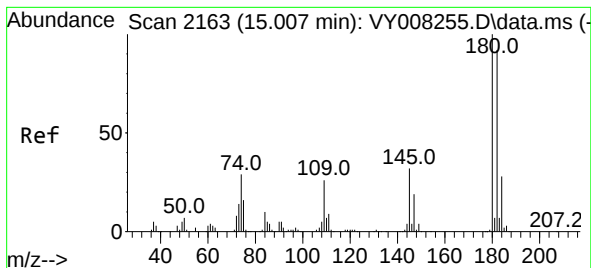
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 29199     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 40.8  | 20.3 60.9 |
| 148         | 64.0  | 32.3 96.9 |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 10.594 ug/l  
 RT: 14.361 min Scan# 2057  
 Delta R.T. 0.000 min  
 Lab File: VY008260.D  
 Acq: 08 Apr 2022 15:26

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 2113       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 155         | 87.3  | 38.0 113.9 |
| 157         | 111.1 | 47.8 143.3 |





#93

1,2,4-Trichlorobenzene

Concen: 10.296 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.007 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC010

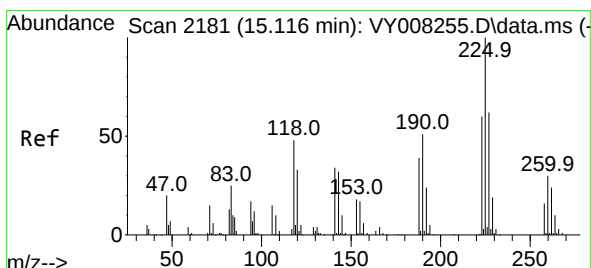
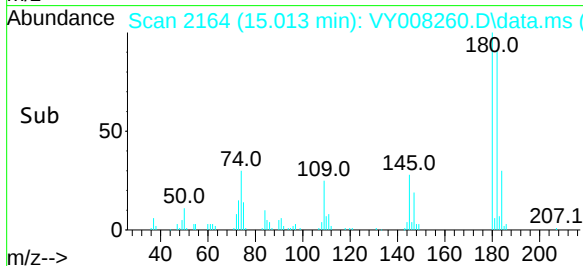
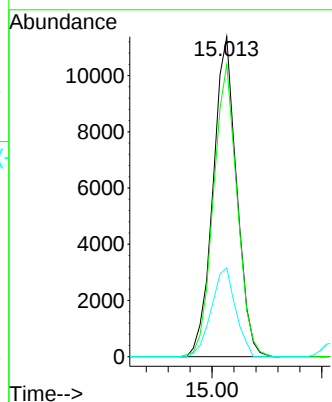
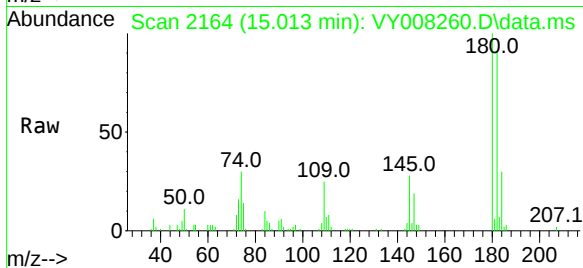
Tgt Ion:180 Resp: 16987

Ion Ratio Lower Upper

180 100

182 91.9 47.3 141.9

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 9.675 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008260.D

Acq: 08 Apr 2022 15:26

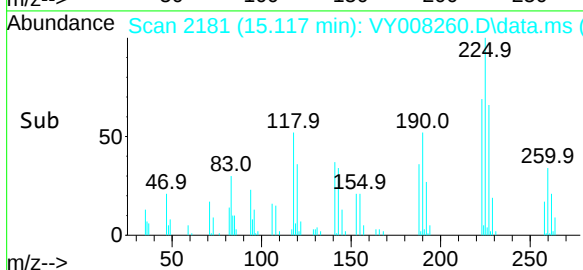
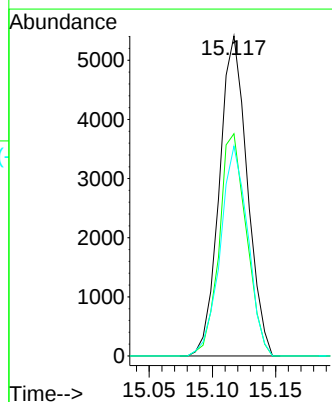
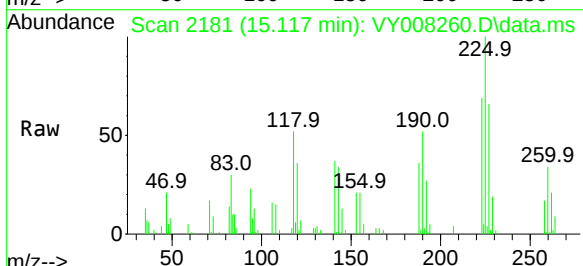
Tgt Ion:225 Resp: 8293

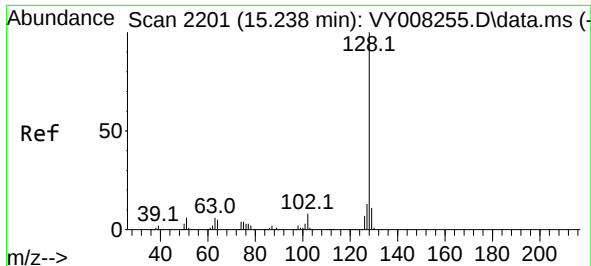
Ion Ratio Lower Upper

225 100

223 67.9 30.8 92.3

227 64.8 31.6 94.7

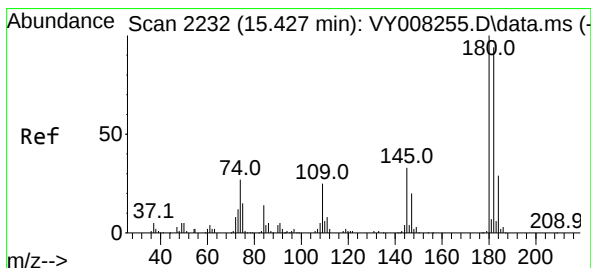
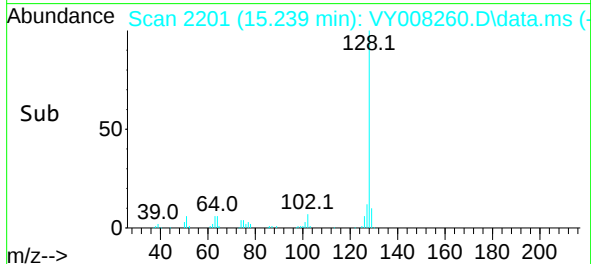
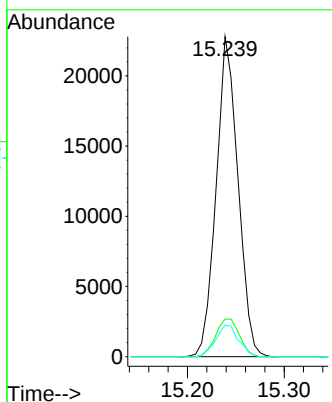
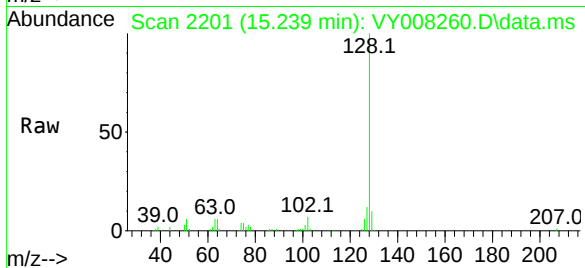




#95  
Naphthalene  
Concen: 10.199 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 35664 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.8  | 11.0  | 16.4  |
| 129      | 10.3  | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 10.292 ug/l  
RT: 15.434 min Scan# 2233  
Delta R.T. 0.007 min  
Lab File: VY008260.D  
Acq: 08 Apr 2022 15:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 14778 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.5  | 47.3  | 141.9 |
| 145      | 32.5  | 15.3  | 45.9  |

