

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041322\  
 Data File : VY008302.D  
 Acq On : 13 Apr 2022 09:53  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Apr 14 05:54:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 135568   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 231248   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 219803   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 112834   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 56454    | 44.333   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 88.660% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 56994    | 42.671   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 85.340% |
| 50) Toluene-d8              | 10.179 | 98    | 195685   | 42.816   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 85.640% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 77203    | 44.911   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 89.820% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 45382  | 40.422  | ug/l   | 100 |
| 3) Chloromethane             | 2.113 | 50  | 63636  | 50.073  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.253 | 62  | 90944  | 47.089  | ug/l   | 97  |
| 5) Bromomethane              | 2.650 | 94  | 76787  | 51.308  | ug/l   | 99  |
| 6) Chloroethane              | 2.790 | 64  | 65327  | 48.294  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 109853 | 47.802  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.528 | 74  | 38308  | 46.126  | ug/l   | 71  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 70997  | 47.560  | ug/l   | 93  |
| 10) Methyl Iodide            | 4.088 | 142 | 74414  | 44.865  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 36097  | 265.148 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 61571  | 46.047  | ug/l   | 81  |
| 13) Acrolein                 | 3.729 | 56  | 24638  | 229.844 | ug/l   | 95  |
| 14) Allyl chloride           | 4.479 | 41  | 84117  | 48.202  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.161 | 53  | 102742 | 252.930 | ug/l   | 97  |
| 16) Acetone                  | 3.948 | 43  | 87194  | 284.680 | ug/l # | 89  |
| 17) Carbon Disulfide         | 4.192 | 76  | 149545 | 42.393  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.473 | 43  | 41533  | 56.942  | ug/l # | 78  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 206186 | 49.966  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.716 | 84  | 75112  | 45.760  | ug/l # | 81  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 74943  | 46.779  | ug/l # | 81  |
| 22) Diisopropyl ether        | 6.119 | 45  | 206669 | 50.197  | ug/l # | 89  |
| 23) Vinyl Acetate            | 6.058 | 43  | 698519 | 261.839 | ug/l # | 85  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 130343 | 49.320  | ug/l   | 98  |
| 25) 2-Butanone               | 6.984 | 43  | 130648 | 272.790 | ug/l # | 73  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 125010 | 51.364  | ug/l   | 93  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 92852  | 48.848  | ug/l   | 82  |
| 28) Bromochloromethane       | 7.332 | 49  | 56559  | 55.834  | ug/l # | 67  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 81484  | 263.520 | ug/l # | 72  |
| 30) Chloroform               | 7.503 | 83  | 146955 | 49.798  | ug/l   | 99  |
| 31) Cyclohexane              | 7.783 | 56  | 103601 | 44.991  | ug/l # | 84  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 131501 | 50.940  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 105596 | 49.510  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.070 | 43  | 56322  | 51.213  | ug/l # | 89  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 116771 | 50.891  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 133937 | 48.807  | ug/l # | 84  |
| 40) Benzene                  | 8.161 | 78  | 313534 | 49.366  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Apr 14 05:54:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 75803    | 123.209  | ug/l # | 40       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 94070    | 51.052   | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 108946   | 53.378   | ug/l # | 85       |
| 44) Trichloroethene           | 8.941  | 130  | 88671    | 48.987   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 78741    | 50.750   | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 53044    | 51.655   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.496  | 83   | 119136   | 51.587   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 46162    | 53.203   | ug/l # | 72       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 16038    | 1210.227 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 291948   | 277.012  | ug/l # | 82       |
| 52) Toluene                   | 10.240 | 92   | 214035   | 51.149   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 125171   | 53.183   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 137553   | 51.803   | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 76619    | 52.305   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 99351    | 55.320   | ug/l # | 73       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 121159   | 51.506   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 172268   | 243.515  | ug/l # | 89       |
| 59) 2-Hexanone                | 10.831 | 43   | 208734   | 287.831  | ug/l   | 78       |
| 60) Dibromochloromethane      | 10.984 | 129  | 91082    | 53.230   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 73784    | 51.519   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 75882    | 48.982   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.514 | 112  | 241977   | 50.764   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 92240    | 51.857   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 421486   | 51.996   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.703 | 106  | 335433   | 104.046  | ug/l   | 91       |
| 69) o-Xylene                  | 12.032 | 106  | 161264   | 51.546   | ug/l   | 89       |
| 70) Styrene                   | 12.044 | 104  | 275674   | 53.429   | ug/l   | 93       |
| 71) Bromoform                 | 12.209 | 173  | 57294    | 53.436   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 427570   | 50.968   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 98935    | 54.321   | ug/l # | 79       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 93301    | 52.561   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 113646   | 91.069   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 99995    | 48.642   | ug/l   | 93       |
| 78) n-propylbenzene           | 12.672 | 91   | 507859   | 51.304   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 280726   | 50.532   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 350616   | 50.970   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 30909    | 55.419   | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 294023   | 51.501   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 317626   | 51.470   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 351693   | 51.662   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 477454   | 52.187   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 399682   | 52.351   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 207415   | 50.945   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 203701   | 50.553   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 358486   | 51.971   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 74794    | 52.415   | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 182290   | 50.326   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 14024    | 55.219   | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 99328    | 46.363   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 50795    | 46.702   | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 230499   | 50.227   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 87260    | 46.544   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

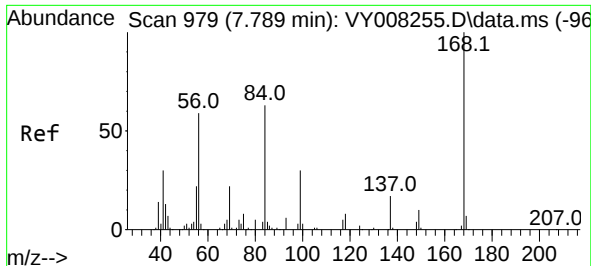
Quant Time: Apr 14 05:54:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 08 16:02:50 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 08 16:02:50 2022  
Response via : Initial Calibration

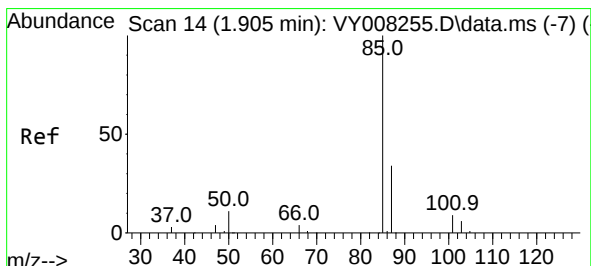
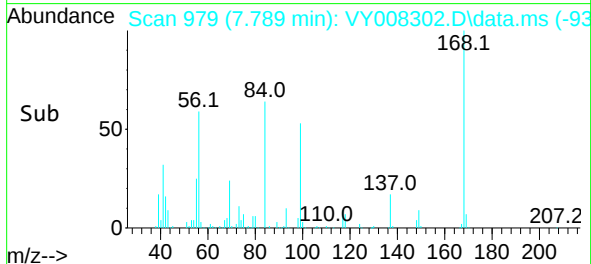
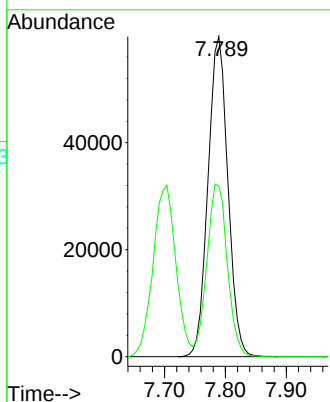
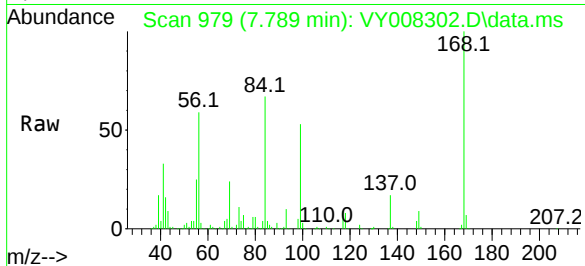




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

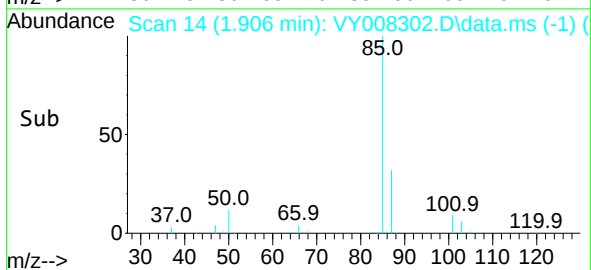
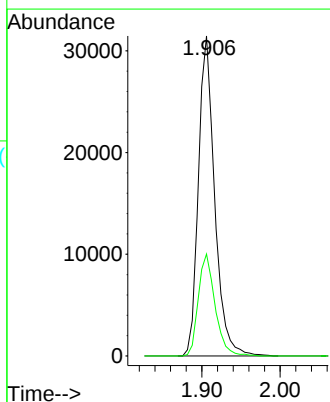
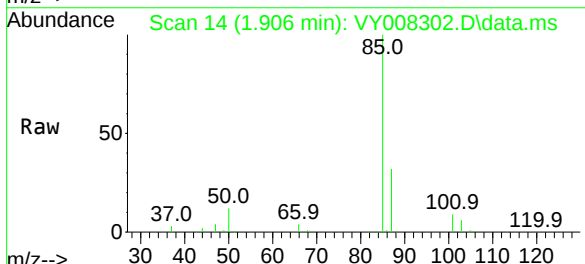
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

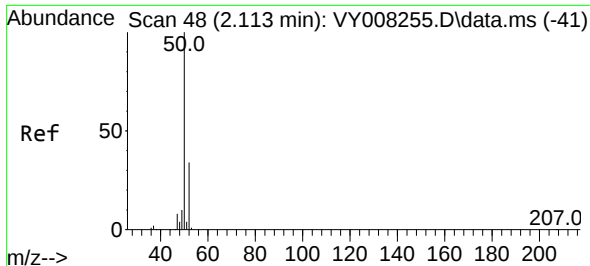
Tgt Ion:168 Resp: 135568  
Ion Ratio Lower Upper  
168 100  
99 53.3 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 40.422 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 85 Resp: 45382  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.1 48.2

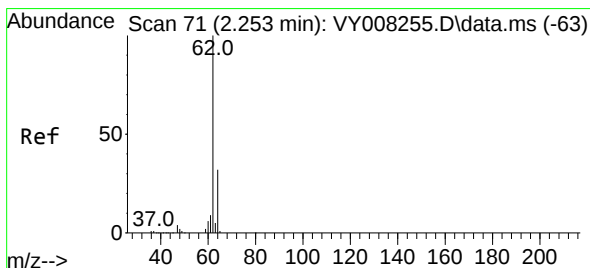
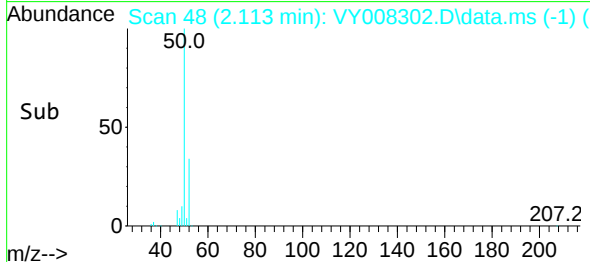
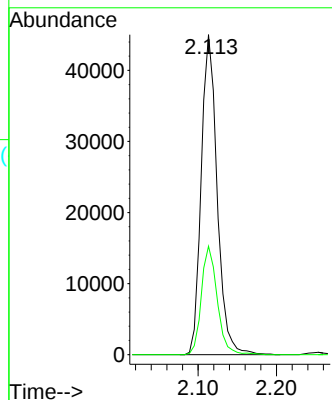
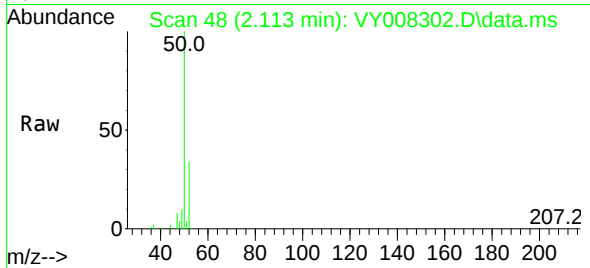




#3  
Chloromethane  
Concen: 50.073 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

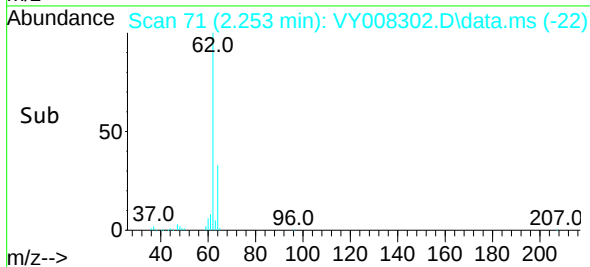
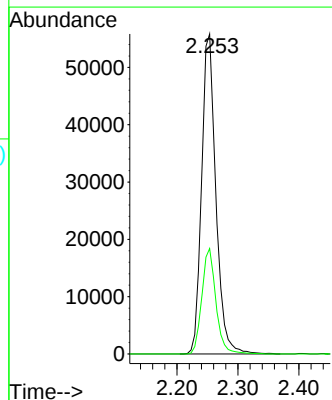
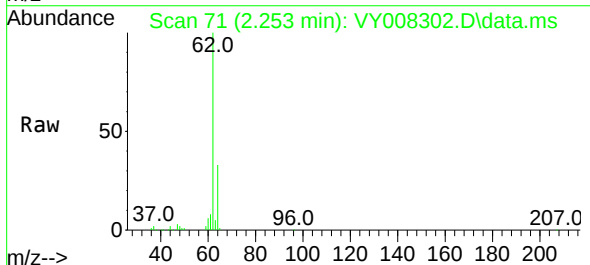
Instrument :  
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ClientSampleId :  
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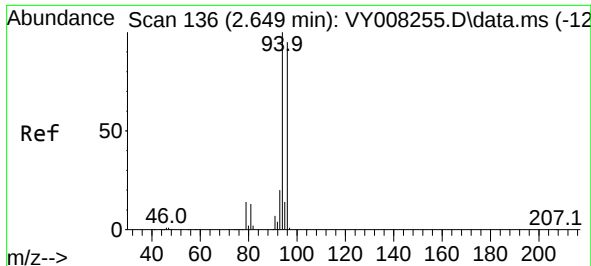
Tgt Ion: 50 Resp: 63636  
Ion Ratio Lower Upper  
50 100  
52 33.9 24.6 37.0



#4  
Vinyl Chloride  
Concen: 47.089 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 62 Resp: 90944  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.0 37.6

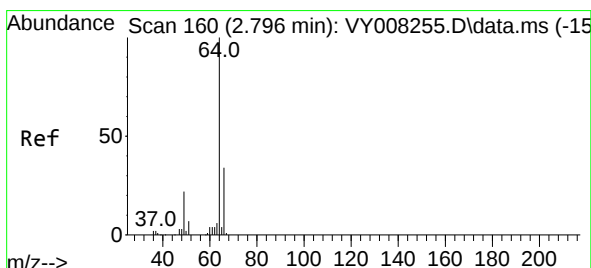
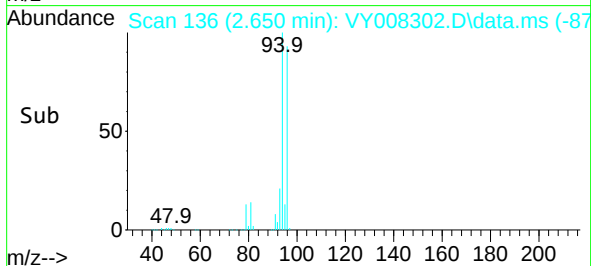
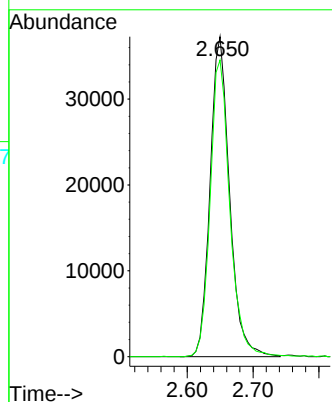
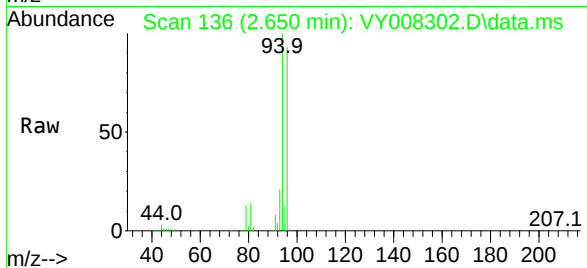




#5  
Bromomethane  
Concen: 51.308 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

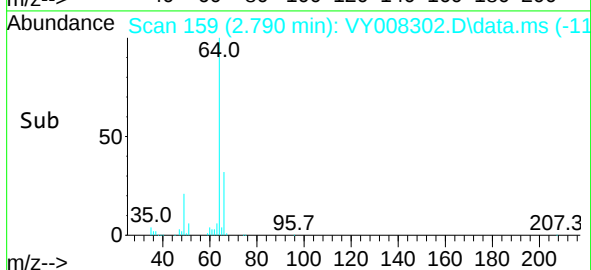
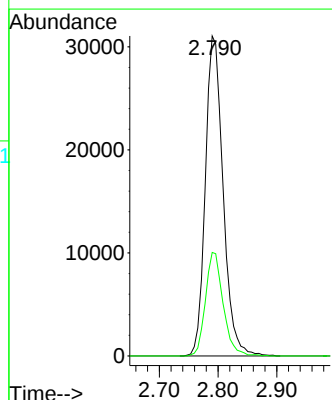
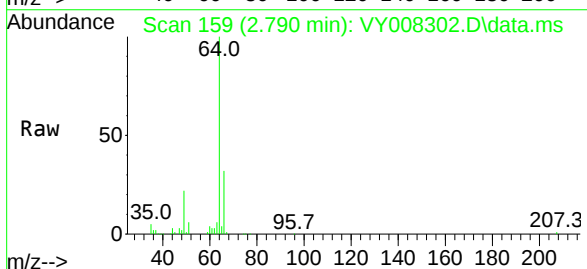
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

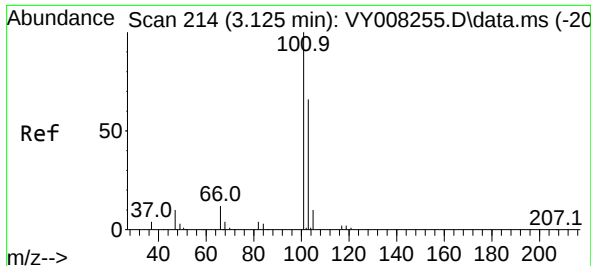
Tgt Ion: 94 Resp: 76787  
Ion Ratio Lower Upper  
94 100  
96 92.7 73.5 110.3



#6  
Chloroethane  
Concen: 48.294 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 64 Resp: 65327  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.4 38.0

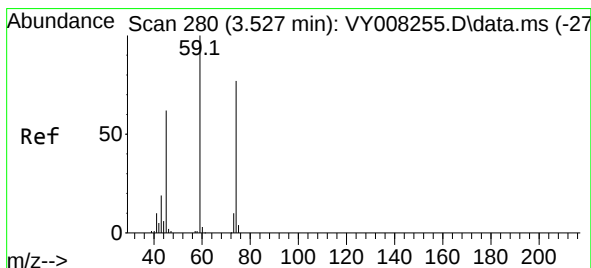
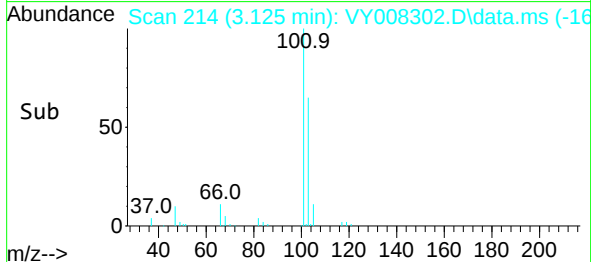
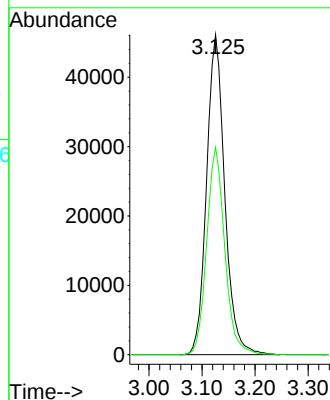
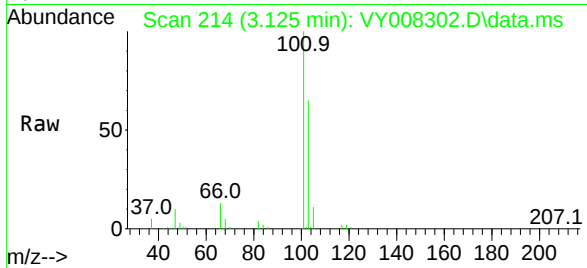




#7  
 Trichlorofluoromethane  
 Concen: 47.802 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

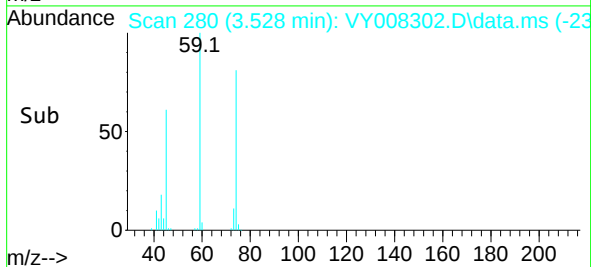
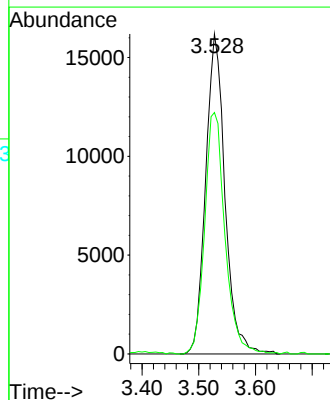
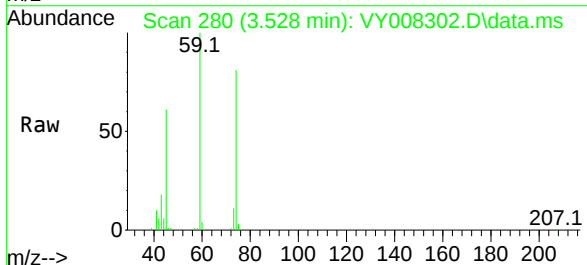
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

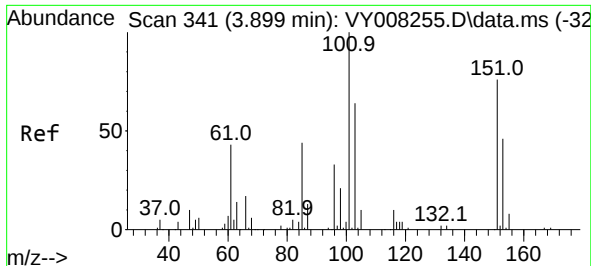
Tgt Ion:101 Resp: 109853  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 46.126 ug/l  
 RT: 3.528 min Scan# 280  
 Delta R.T. 0.001 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

Tgt Ion: 74 Resp: 38308  
 Ion Ratio Lower Upper  
 74 100  
 45 79.4 55.1 165.5

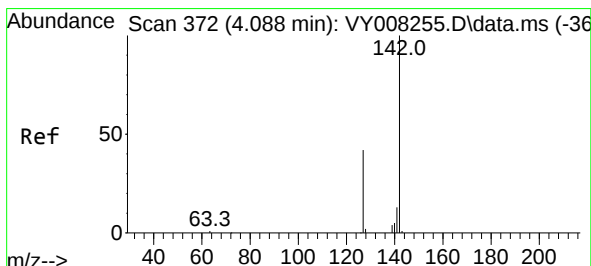
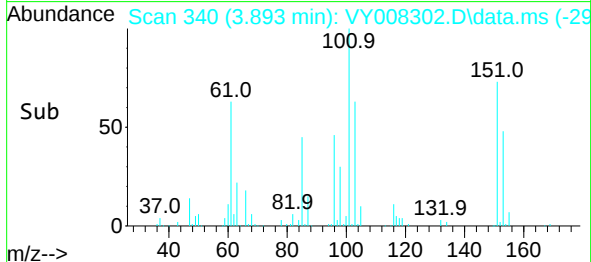
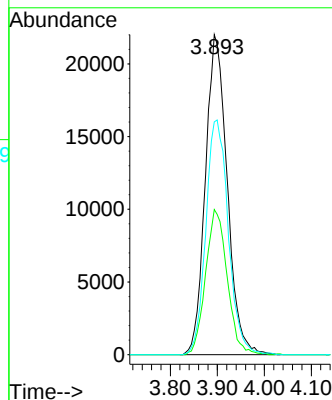
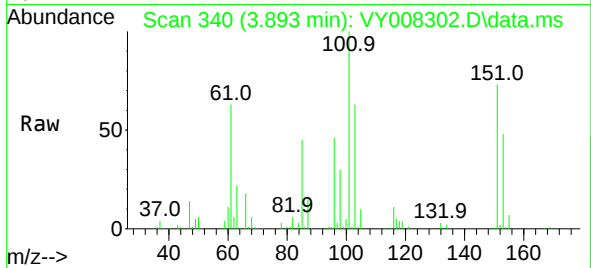




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.560 ug/l  
RT: 3.893 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

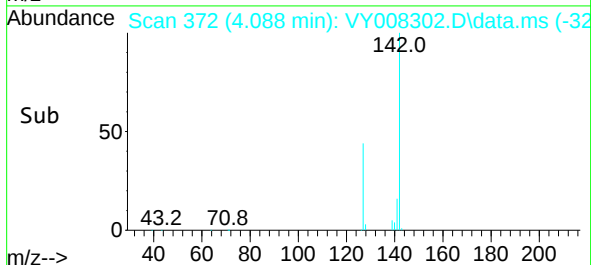
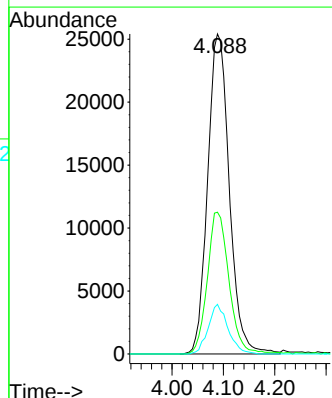
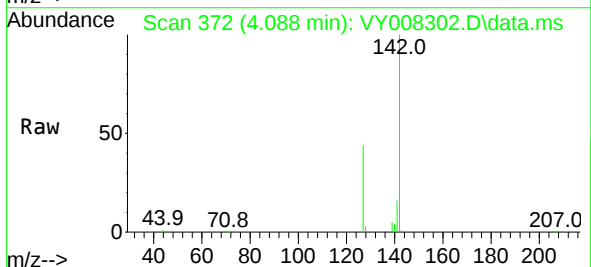
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

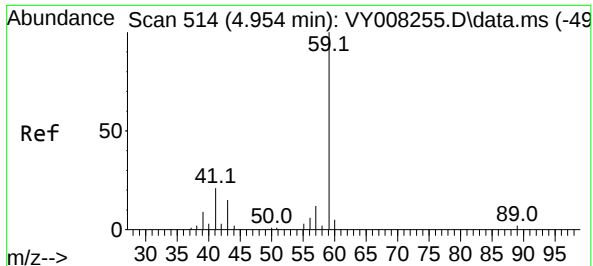
Tgt Ion:101 Resp: 70997  
Ion Ratio Lower Upper  
101 100  
85 44.8 40.6 60.8  
151 75.6 64.9 97.3



#10  
Methyl Iodide  
Concen: 44.865 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion:142 Resp: 74414  
Ion Ratio Lower Upper  
142 100  
127 44.5 41.5 62.3  
141 14.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 265.148 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

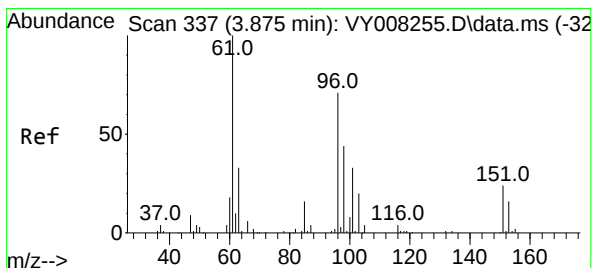
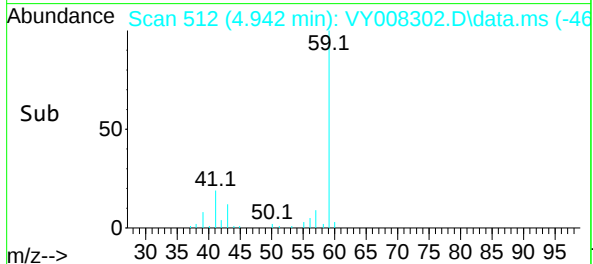
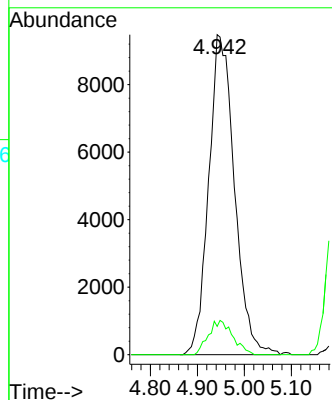
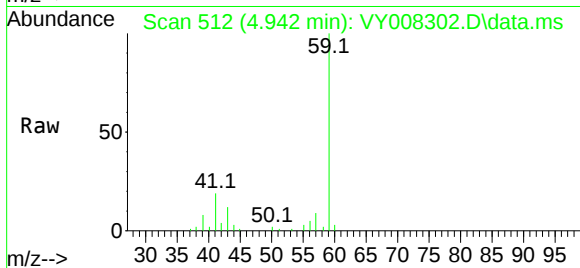
VSTDCCC050

Tgt Ion: 59 Resp: 36097

Ion Ratio Lower Upper

59 100

57 10.1 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 46.047 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

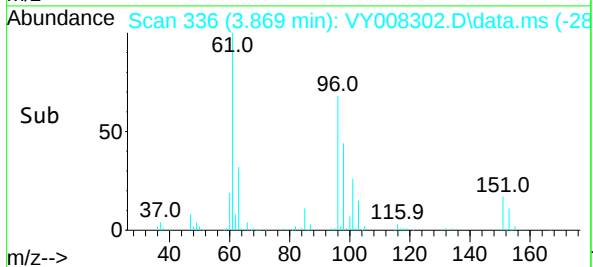
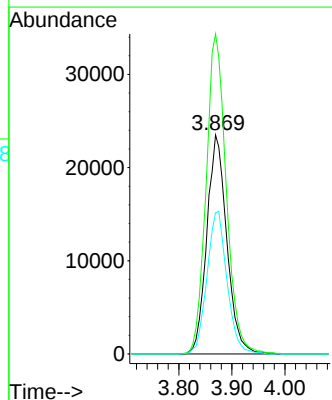
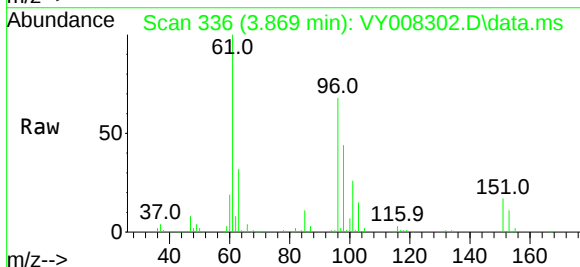
Tgt Ion: 96 Resp: 61571

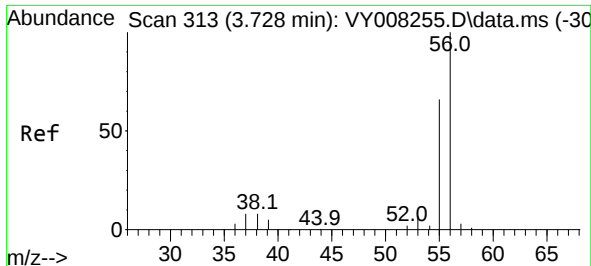
Ion Ratio Lower Upper

96 100

61 146.1 145.8 218.6

98 64.4 52.5 78.7





#13

Acrolein

Concen: 229.844 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

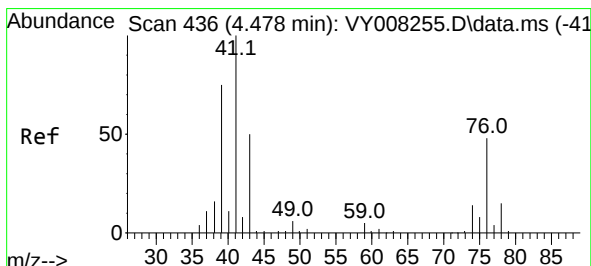
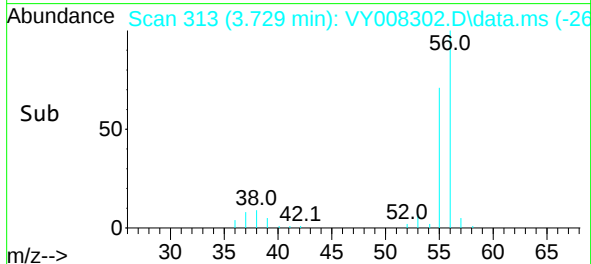
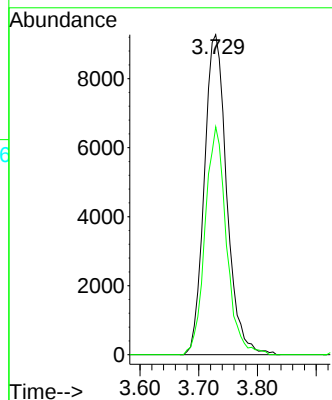
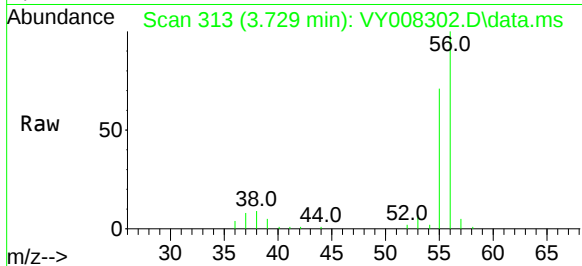
VSTDCCC050

Tgt Ion: 56 Resp: 24638

Ion Ratio Lower Upper

56 100

55 67.8 57.6 86.4



#14

Allyl chloride

Concen: 48.202 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

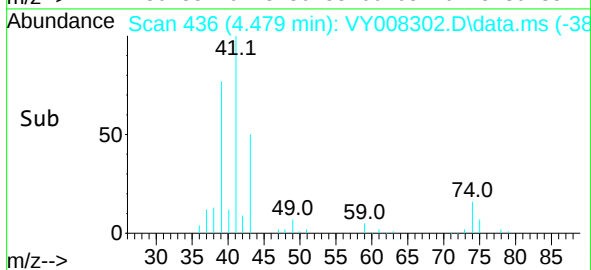
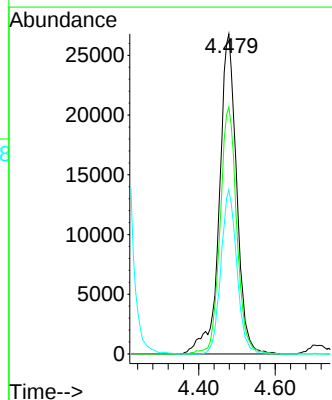
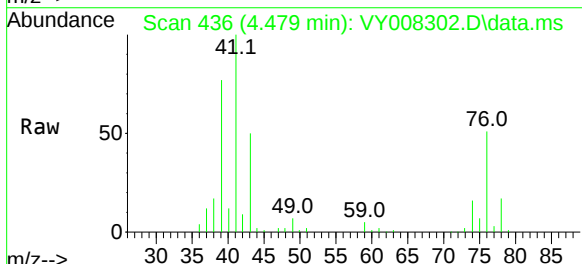
Tgt Ion: 41 Resp: 84117

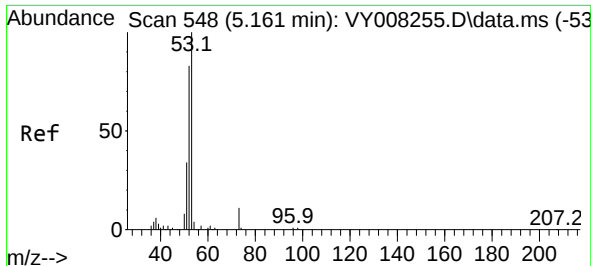
Ion Ratio Lower Upper

41 100

39 74.5 58.8 88.2

76 47.4 25.1 37.7#

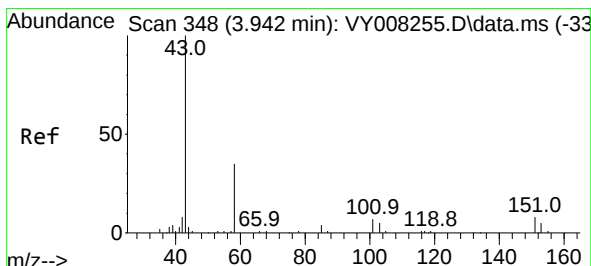
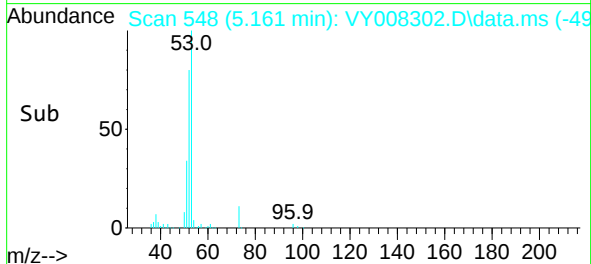
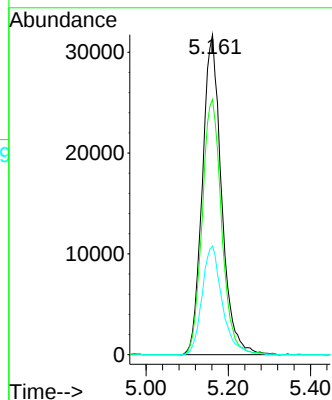
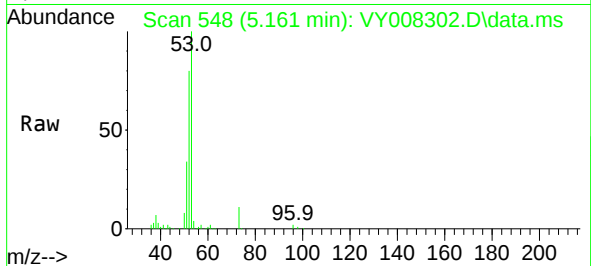




#15  
Acrylonitrile  
Concen: 252.930 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

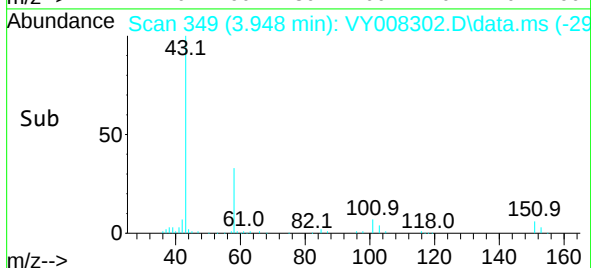
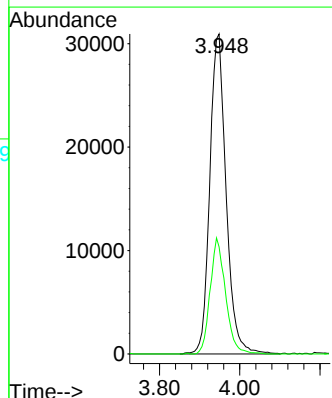
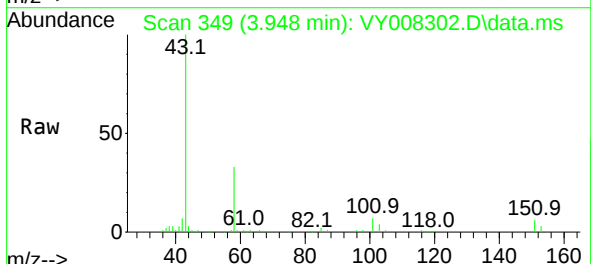
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

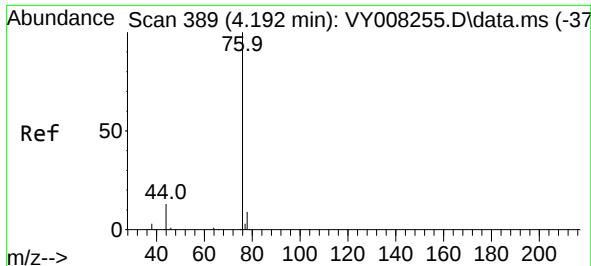
Tgt Ion: 53 Resp: 102742  
Ion Ratio Lower Upper  
53 100  
52 80.8 67.0 100.4  
51 35.8 29.8 44.6



#16  
Acetone  
Concen: 284.680 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 43 Resp: 87194  
Ion Ratio Lower Upper  
43 100  
58 33.5 22.0 33.0#

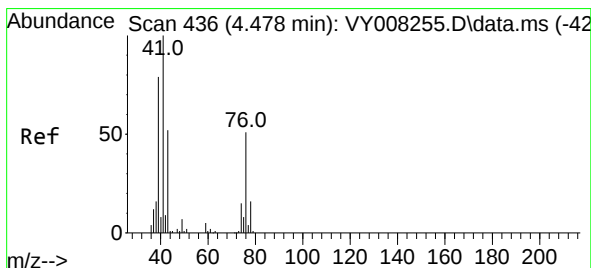
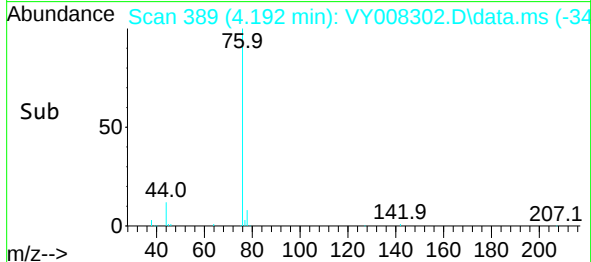
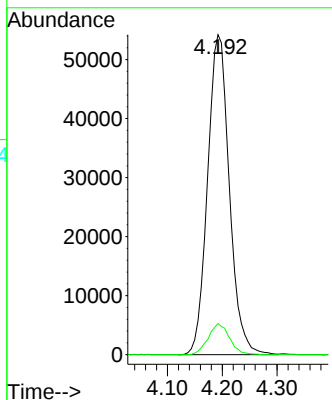
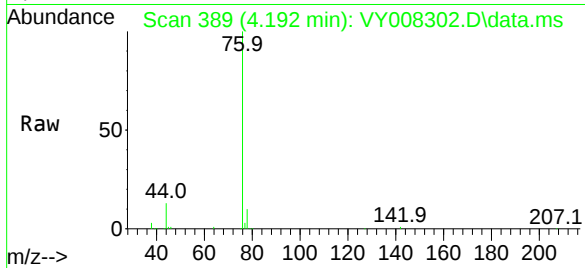




#17  
Carbon Disulfide  
Concen: 42.393 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

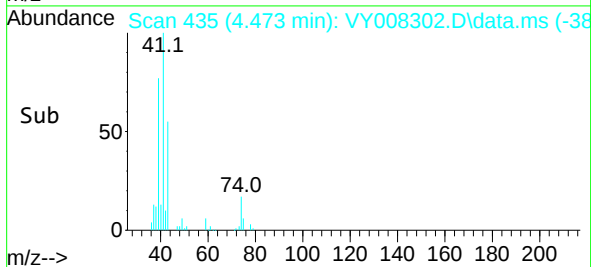
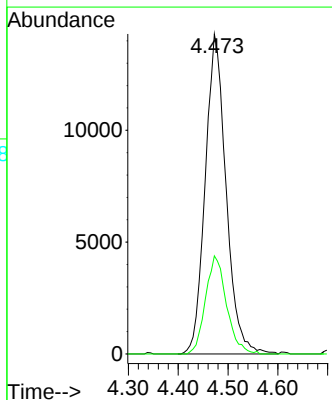
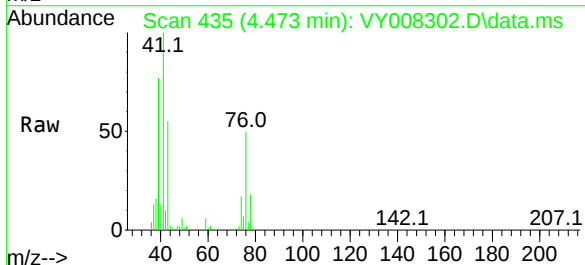
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

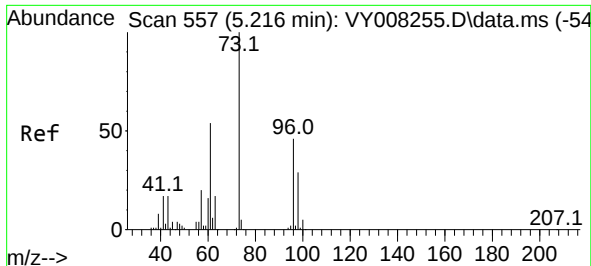
Tgt Ion: 76 Resp: 149545  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 56.942 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.005 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 43 Resp: 41533  
Ion Ratio Lower Upper  
43 100  
74 30.9 16.6 24.8#

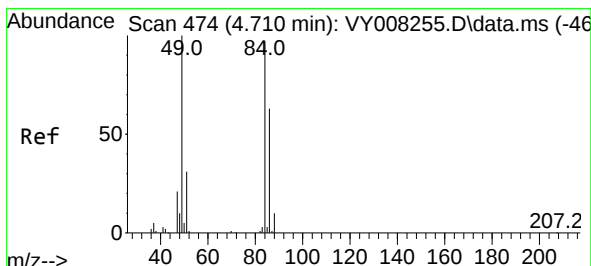
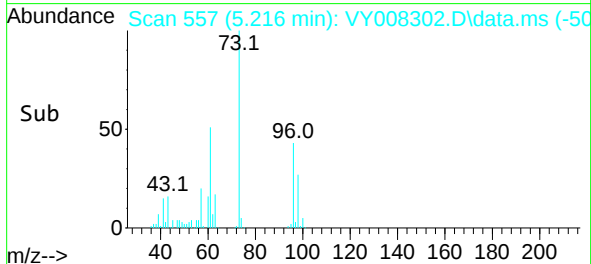
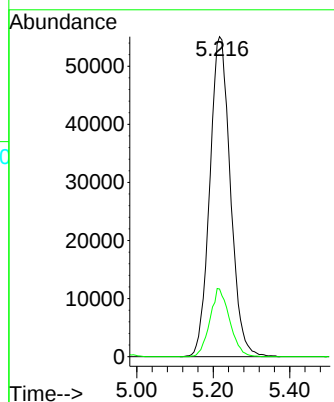
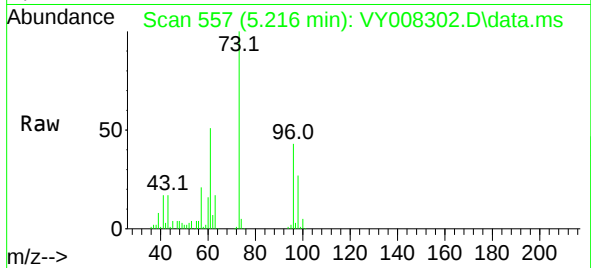




#19  
Methyl tert-butyl Ether  
Concen: 49.966 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

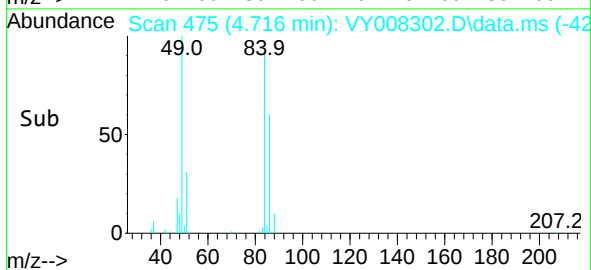
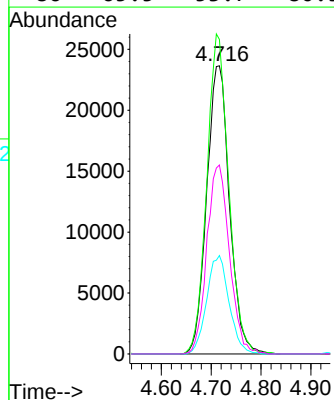
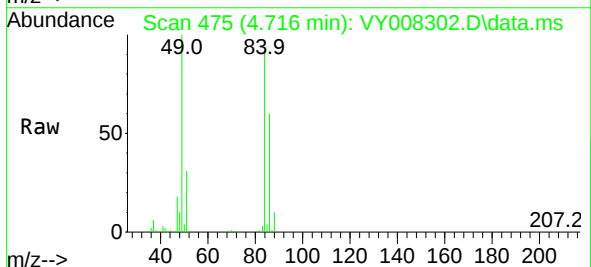
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

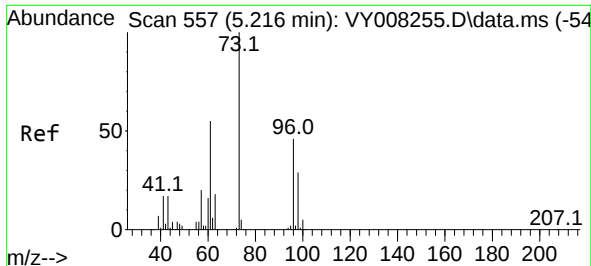
Tgt Ion: 73 Resp: 206186  
Ion Ratio Lower Upper  
73 100  
57 21.1 18.6 27.8



#20  
Methylene Chloride  
Concen: 45.760 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 84 Resp: 75112  
Ion Ratio Lower Upper  
84 100  
49 109.1 114.4 171.6#  
51 34.2 35.3 52.9#  
86 65.5 53.7 80.5

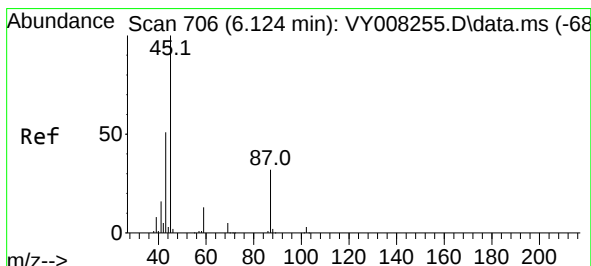
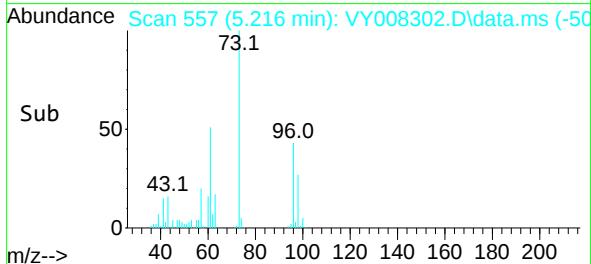
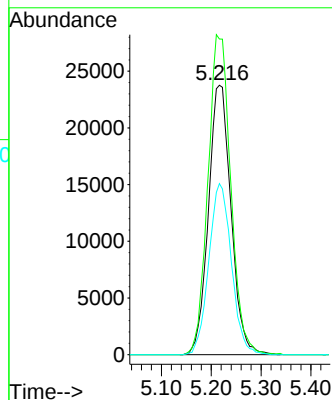
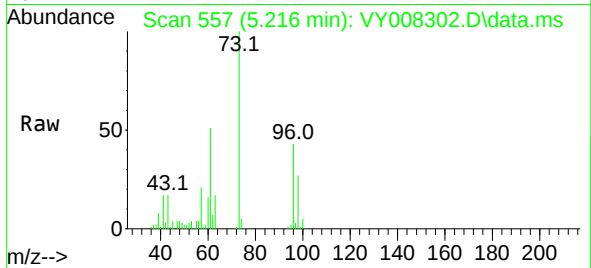




#21  
trans-1,2-Dichloroethene  
Concen: 46.779 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

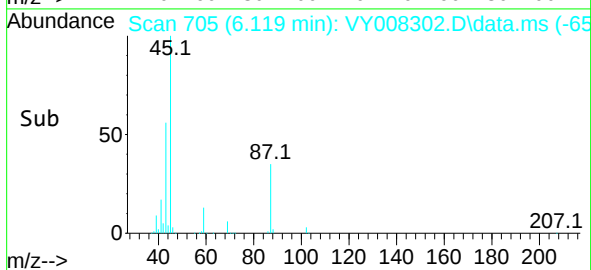
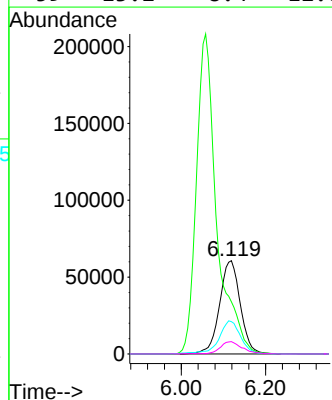
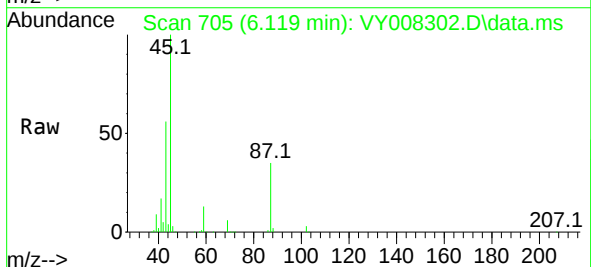
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

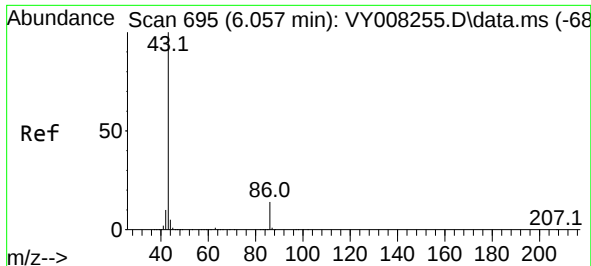
Tgt Ion: 96 Resp: 74943  
Ion Ratio Lower Upper  
96 100  
61 117.2 120.5 180.7#  
98 63.5 49.8 74.8



#22  
Diisopropyl ether  
Concen: 50.197 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. -0.005 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 45 Resp: 206669  
Ion Ratio Lower Upper  
45 100  
43 55.6 49.3 73.9  
87 34.6 19.2 28.8#  
59 13.2 8.4 12.6#

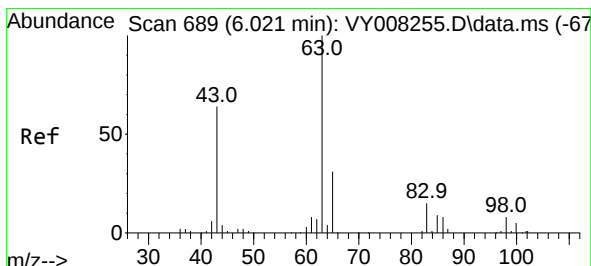
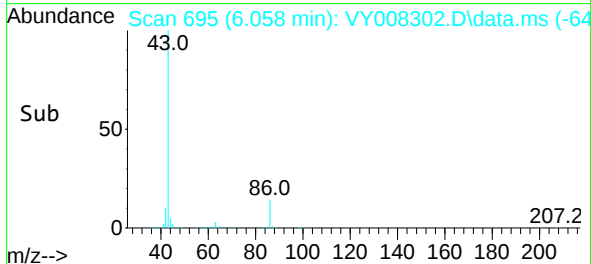
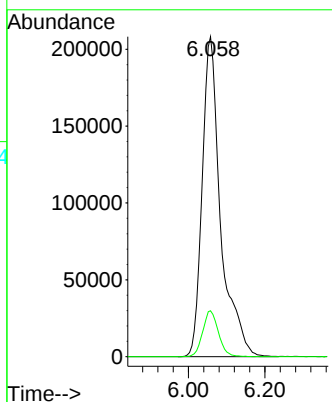
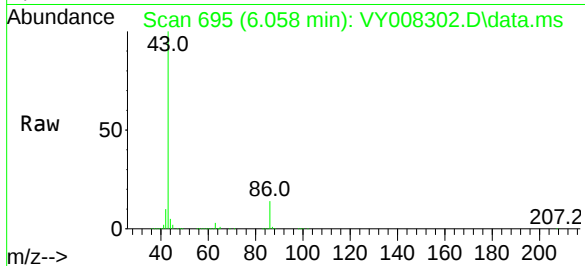




#23  
 Vinyl Acetate  
 Concen: 261.839 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. 0.001 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

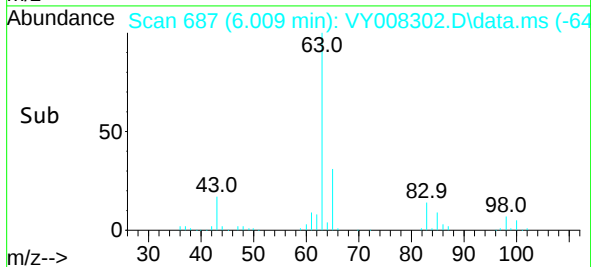
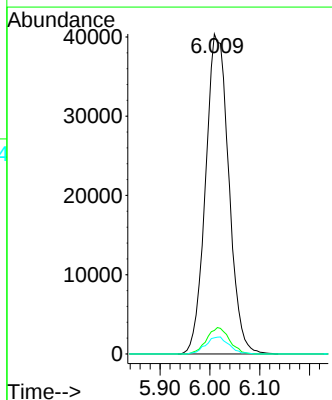
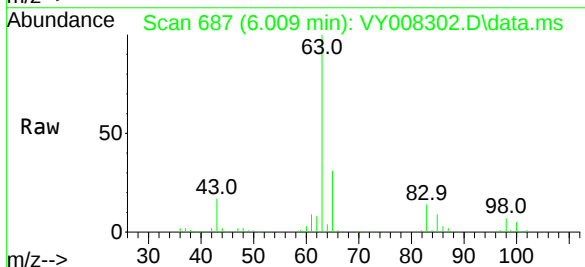
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

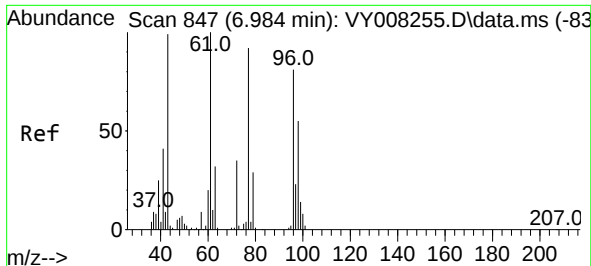
Tgt Ion: 43 Resp: 698519  
 Ion Ratio Lower Upper  
 43 100  
 86 14.3 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.320 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.012 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

Tgt Ion: 63 Resp: 130343  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 272.790 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

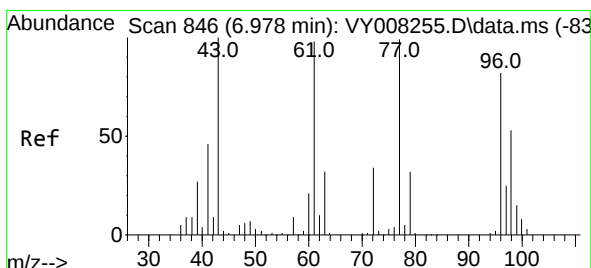
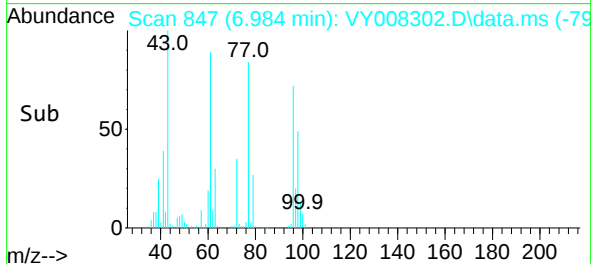
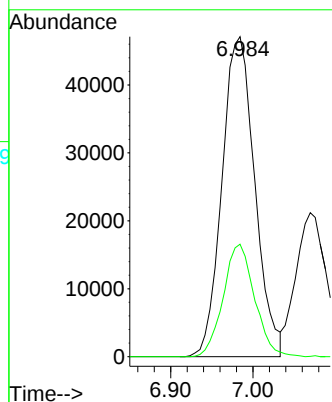
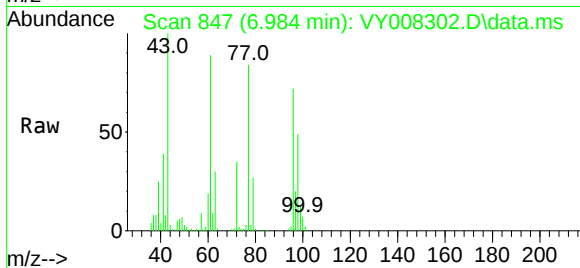
VSTDCCC050

Tgt Ion: 43 Resp: 130648

Ion Ratio Lower Upper

43 100

72 35.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 51.364 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008302.D

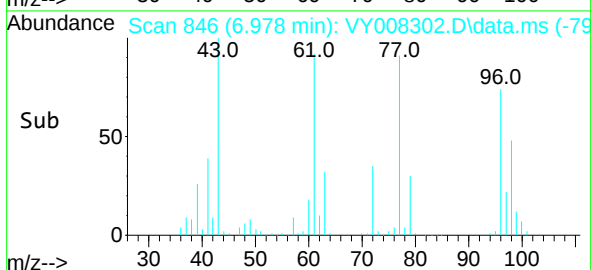
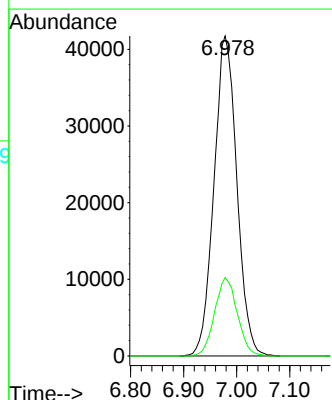
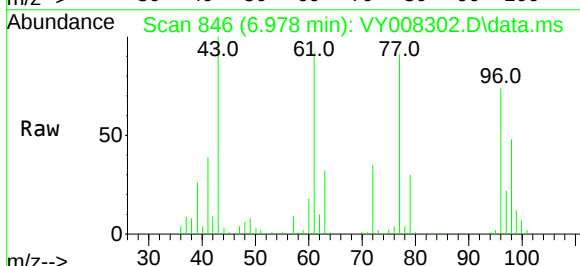
Acq: 13 Apr 2022 09:53

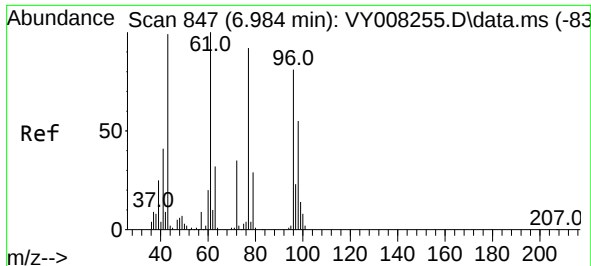
Tgt Ion: 77 Resp: 125010

Ion Ratio Lower Upper

77 100

97 24.2 10.4 31.4

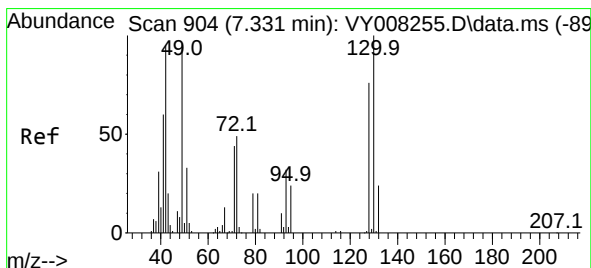
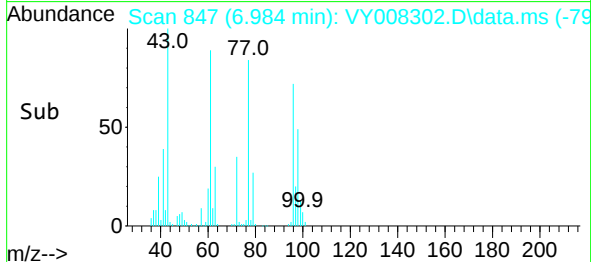
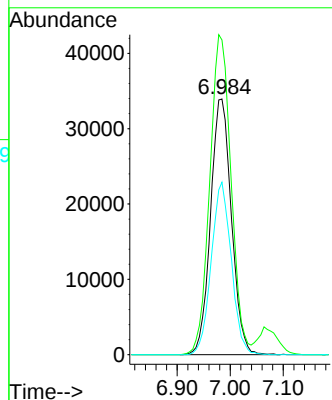
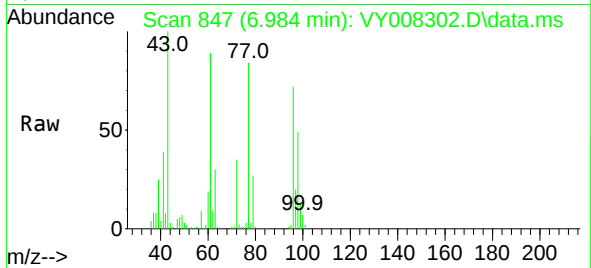




#27  
 cis-1,2-Dichloroethene  
 Concen: 48.848 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

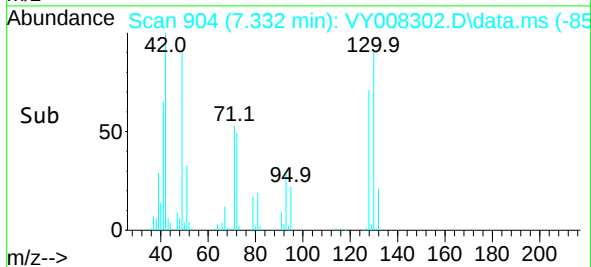
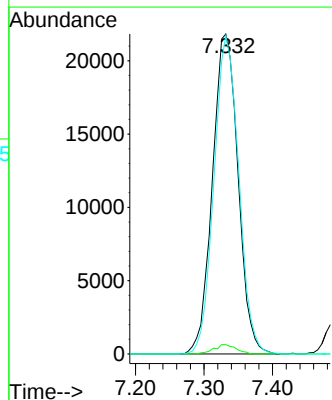
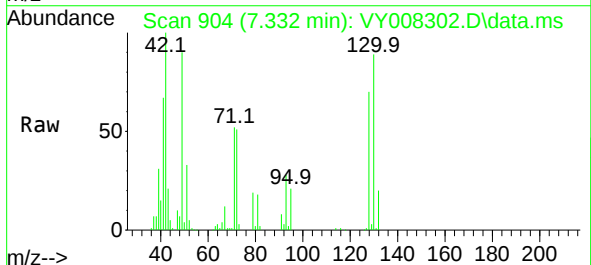
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

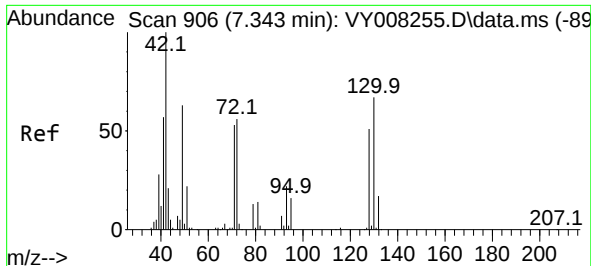
Tgt Ion: 96 Resp: 92852  
 Ion Ratio Lower Upper  
 96 100  
 61 127.7 0.0 319.8  
 98 64.7 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 55.834 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. 0.001 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

Tgt Ion: 49 Resp: 56559  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 2.2#  
 130 96.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 263.520 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

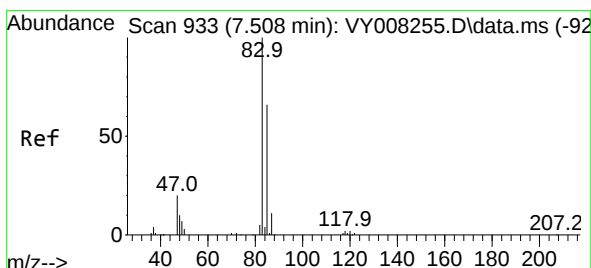
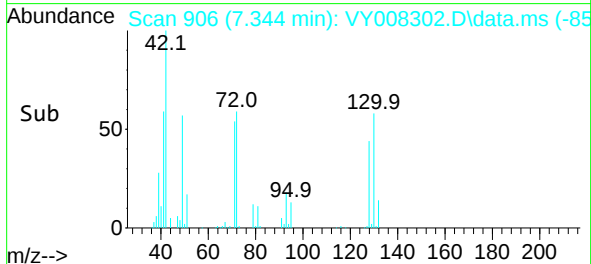
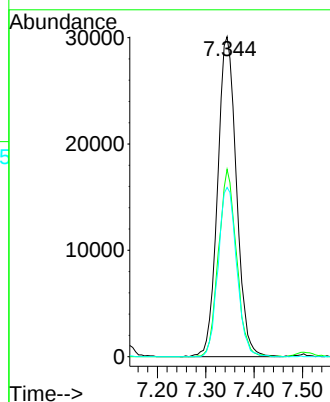
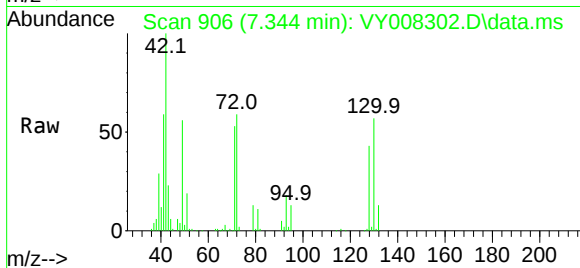
Tgt Ion: 42 Resp: 81484

Ion Ratio Lower Upper

42 100

72 55.8 30.3 45.5#

71 52.1 29.0 43.4#



#30

Chloroform

Concen: 49.798 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.005 min

Lab File: VY008302.D

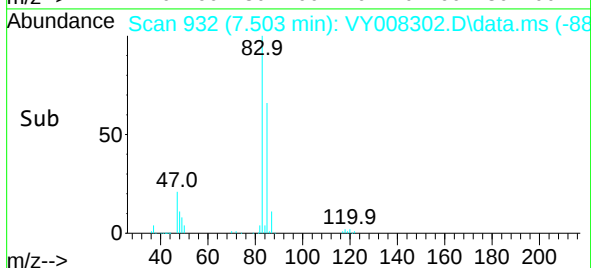
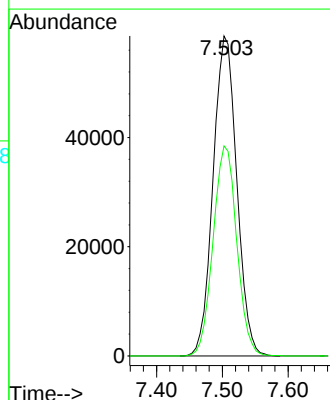
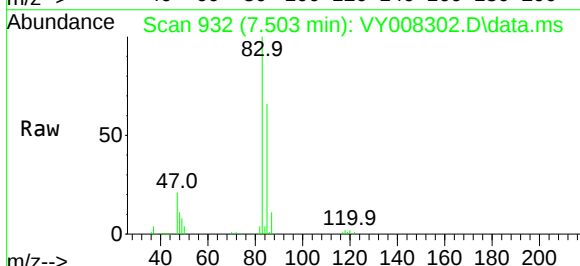
Acq: 13 Apr 2022 09:53

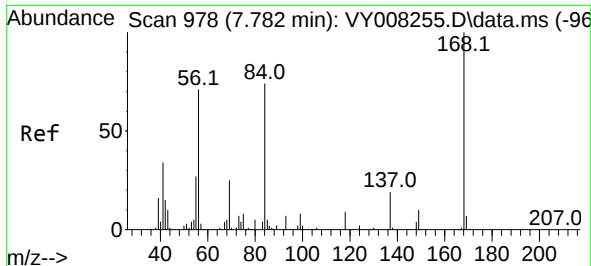
Tgt Ion: 83 Resp: 146955

Ion Ratio Lower Upper

83 100

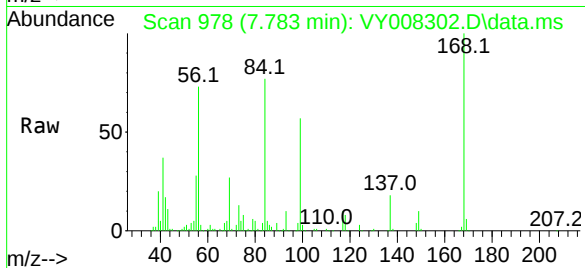
85 65.7 51.8 77.6



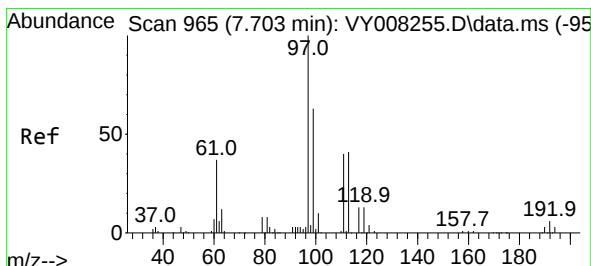
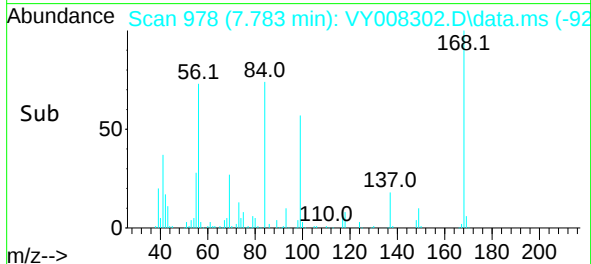
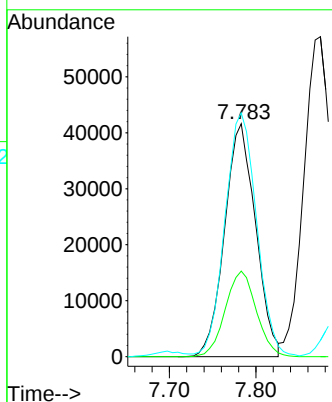


#31  
Cyclohexane  
Concen: 44.991 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

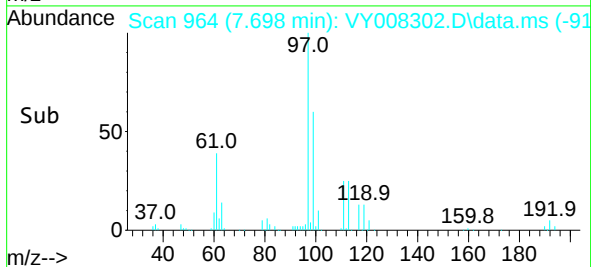
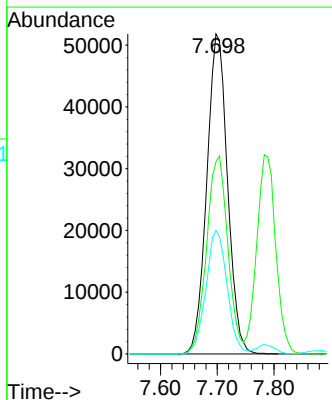
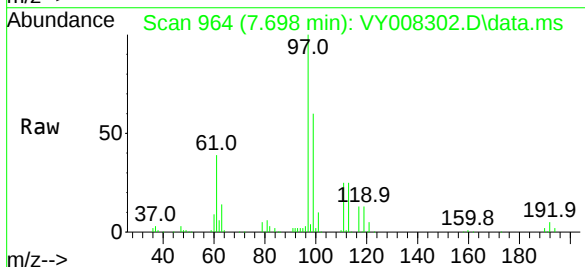


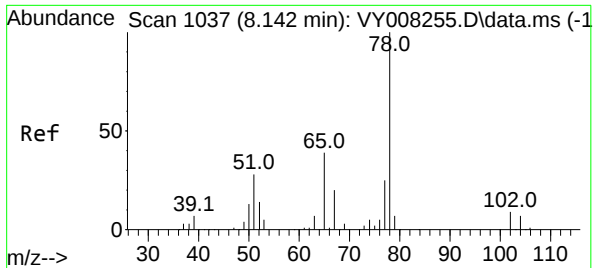
Tgt Ion: 56 Resp: 103601  
Ion Ratio Lower Upper  
56 100  
69 36.7 26.7 40.1  
84 102.7 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 50.940 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.005 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 97 Resp: 131501  
Ion Ratio Lower Upper  
97 100  
99 63.5 50.7 76.1  
61 39.4 37.6 56.4

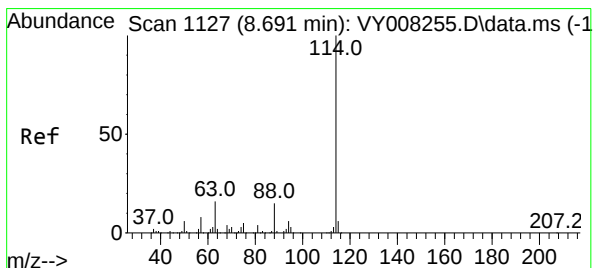
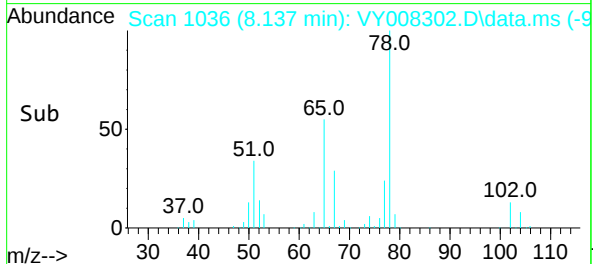
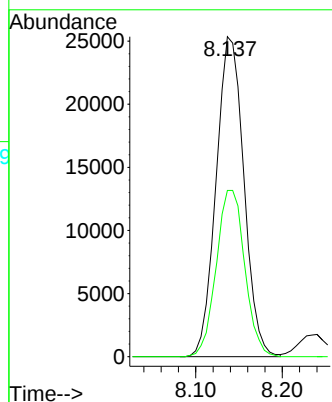
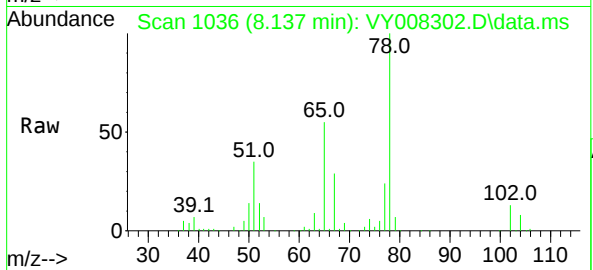




#33  
1,2-Dichloroethane-d4  
Concen: 44.333 ug/l  
RT: 8.137 min Scan# 1036  
Delta R.T. -0.005 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

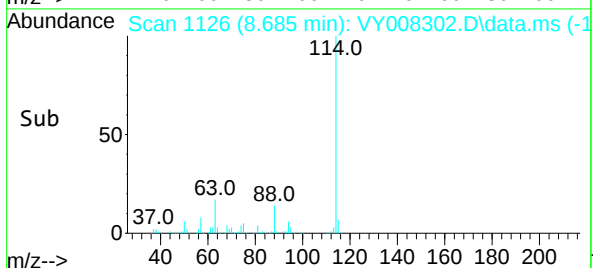
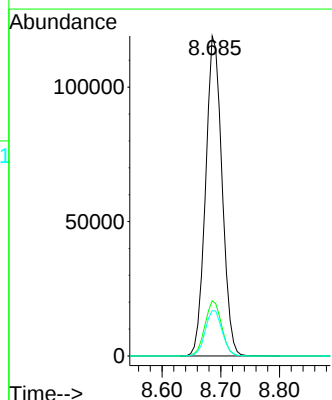
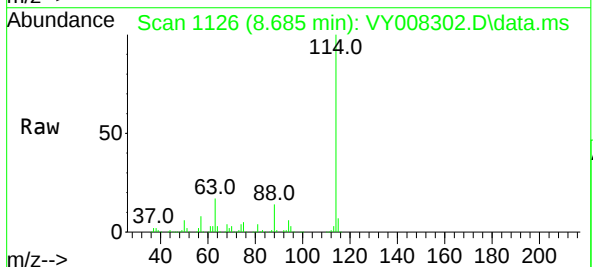
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

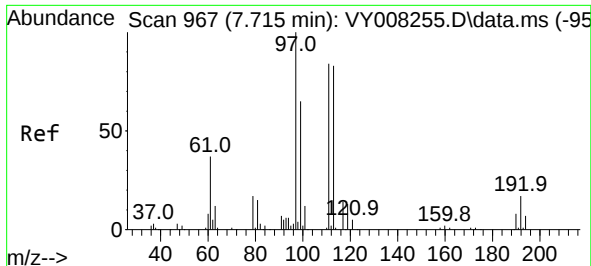
Tgt Ion: 65 Resp: 56454  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 114 Resp: 231248  
Ion Ratio Lower Upper  
114 100  
63 17.2 0.0 43.2  
88 14.2 0.0 31.8

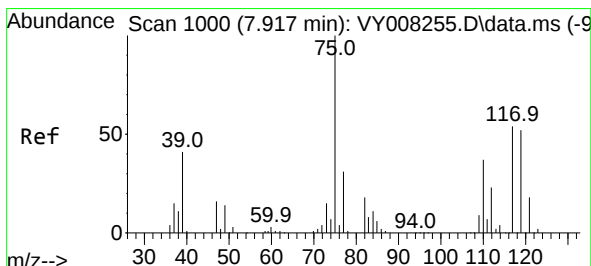
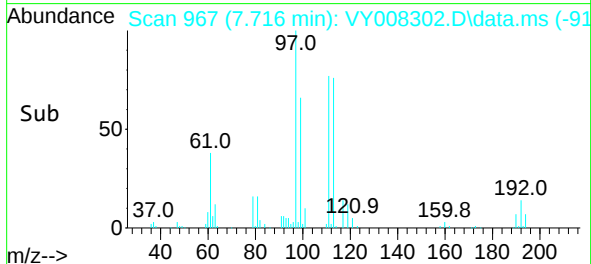
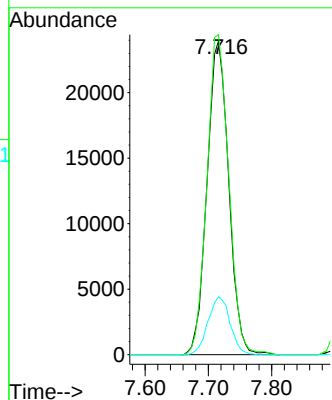
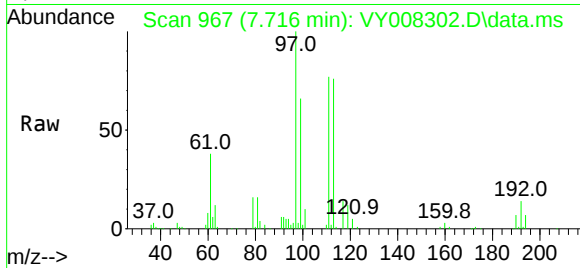




#35  
Dibromofluoromethane  
Concen: 42.671 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

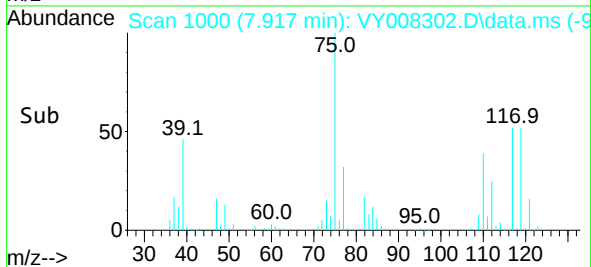
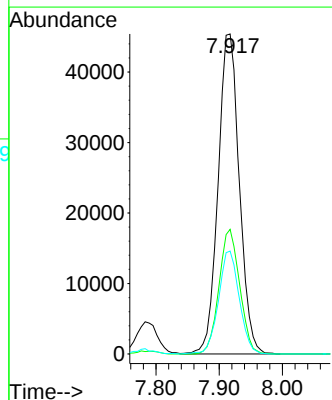
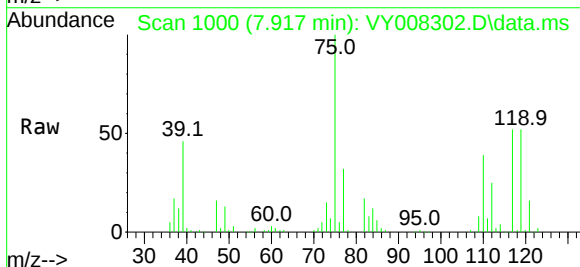
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

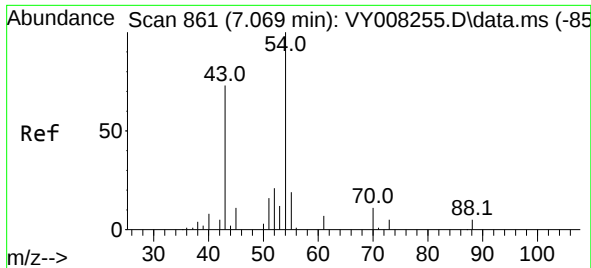
Tgt Ion:113 Resp: 56994  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.6 124.0  
192 18.7 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 49.510 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 75 Resp: 105596  
Ion Ratio Lower Upper  
75 100  
110 37.9 17.1 51.2  
77 31.6 24.4 36.6

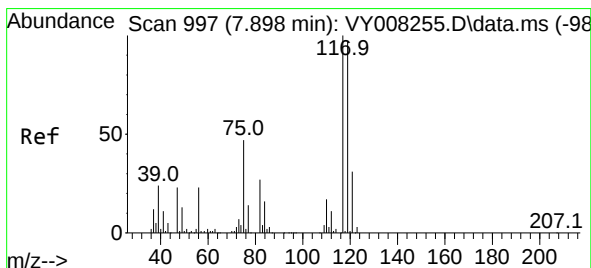
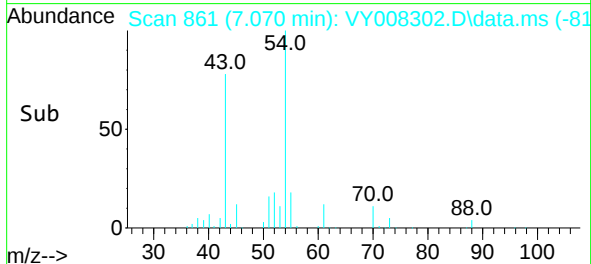
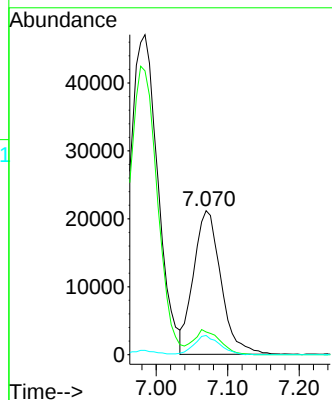
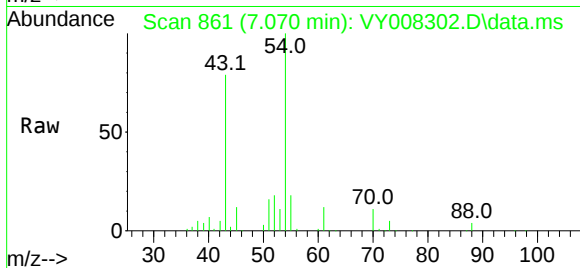




#37  
Ethyl Acetate  
Concen: 51.213 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

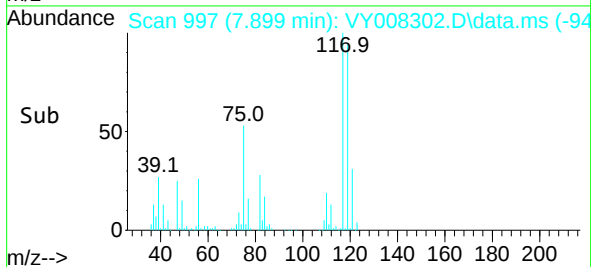
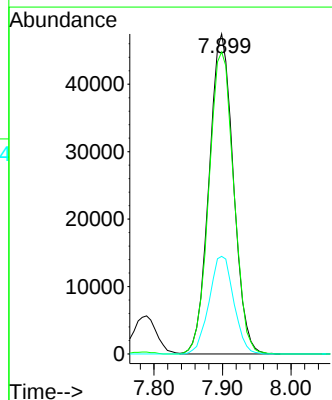
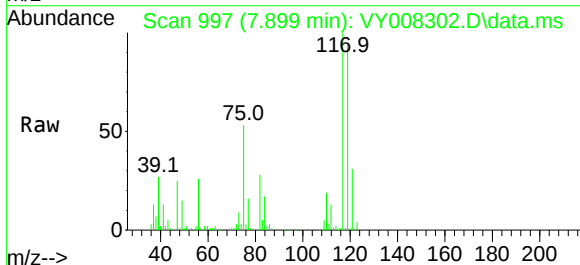
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

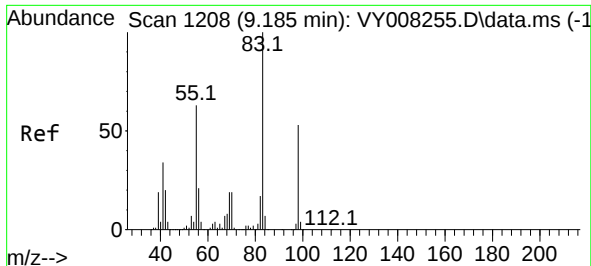
Tgt Ion: 43 Resp: 56322  
Ion Ratio Lower Upper  
43 100  
61 16.5 9.7 14.5#  
70 12.4 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 50.891 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 117 Resp: 116771  
Ion Ratio Lower Upper  
117 100  
119 94.4 77.9 116.9  
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 48.807 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

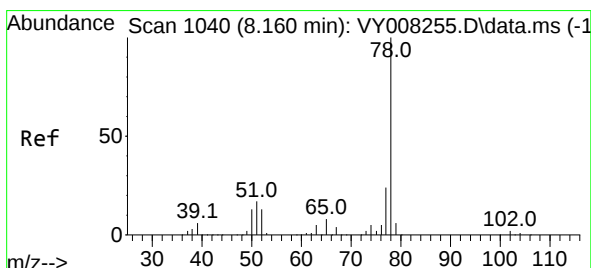
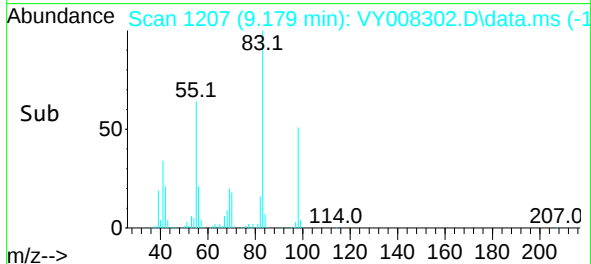
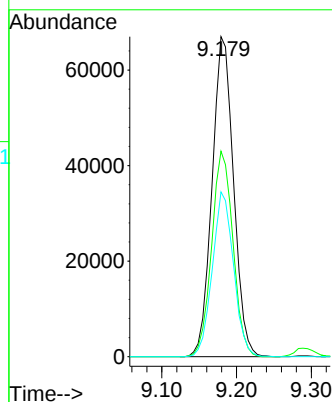
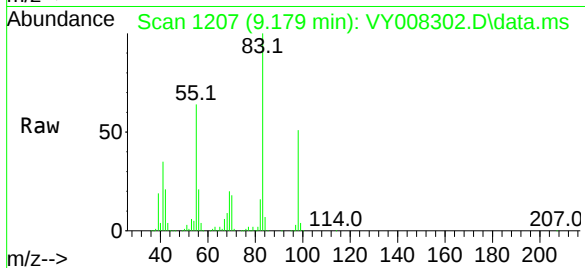
Tgt Ion: 83 Resp: 133937

Ion Ratio Lower Upper

83 100

55 64.2 66.5 99.7#

98 51.5 37.9 56.9



#40

Benzene

Concen: 49.366 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008302.D

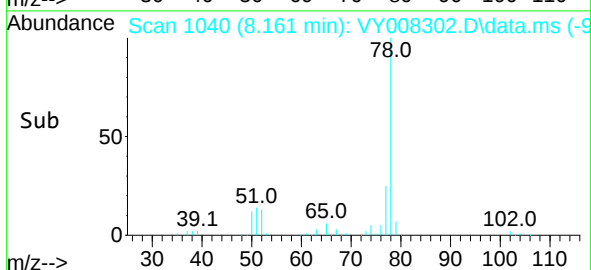
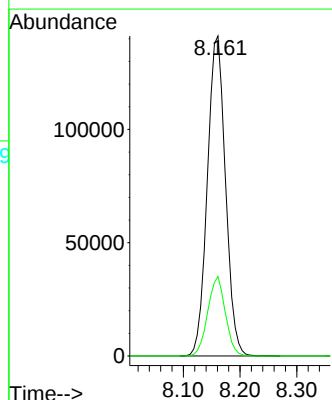
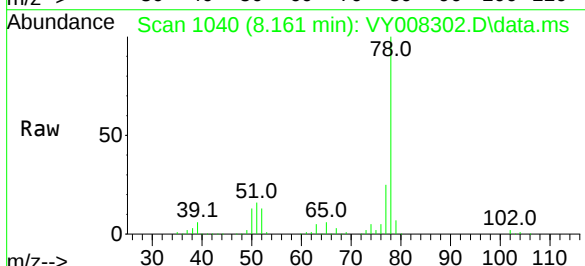
Acq: 13 Apr 2022 09:53

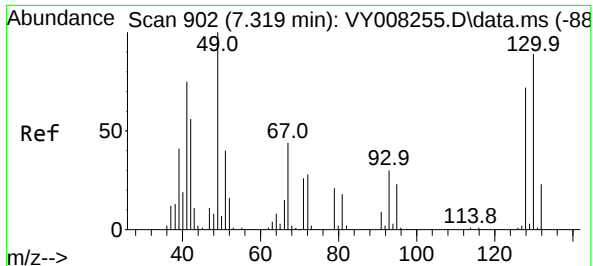
Tgt Ion: 78 Resp: 313534

Ion Ratio Lower Upper

78 100

77 24.9 20.4 30.6

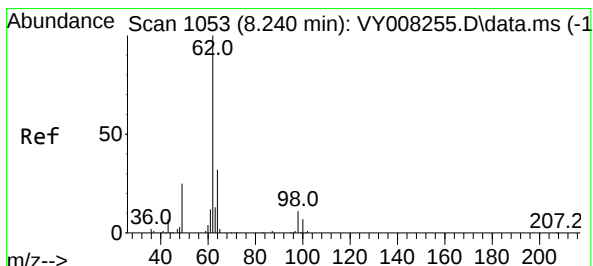
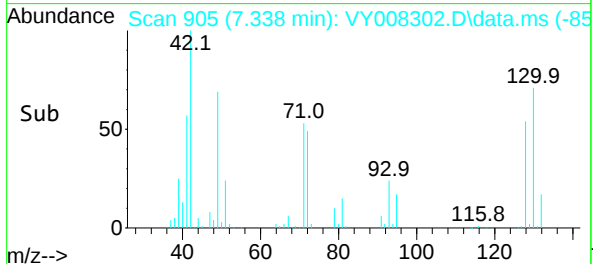
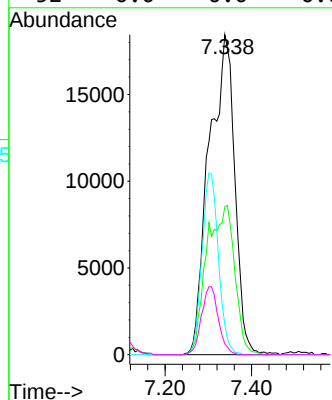
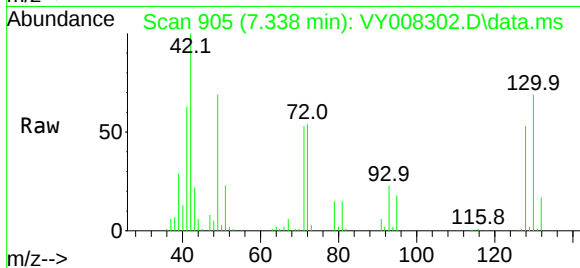




#41  
Methacrylonitrile  
Concen: 123.209 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.019 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

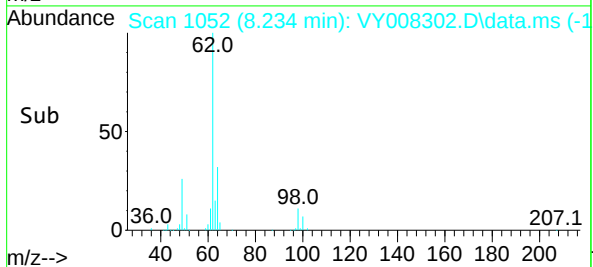
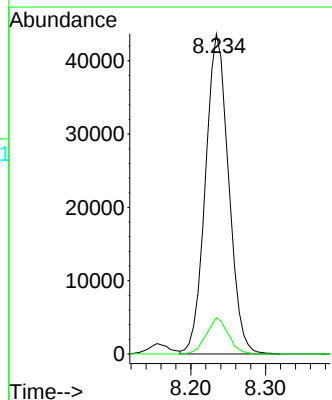
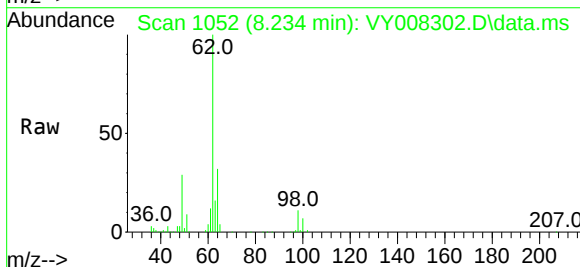
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

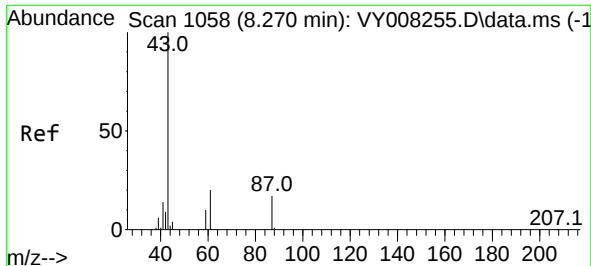
Tgt Ion: 41 Resp: 75803  
Ion Ratio Lower Upper  
41 100  
39 50.6 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.052 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 62 Resp: 94070  
Ion Ratio Lower Upper  
62 100  
98 10.7 0.0 14.8

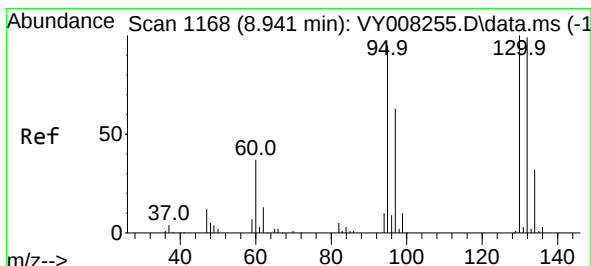
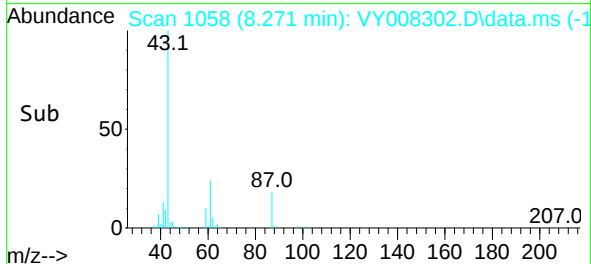
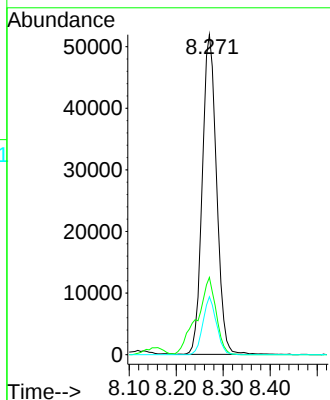
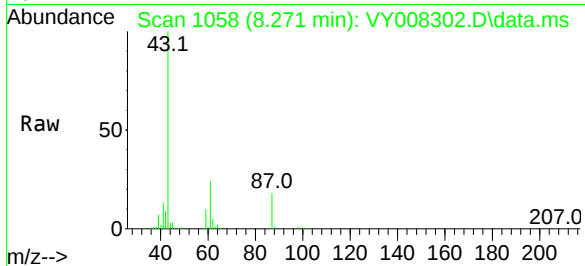




#43  
Isopropyl Acetate  
Concen: 53.378 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

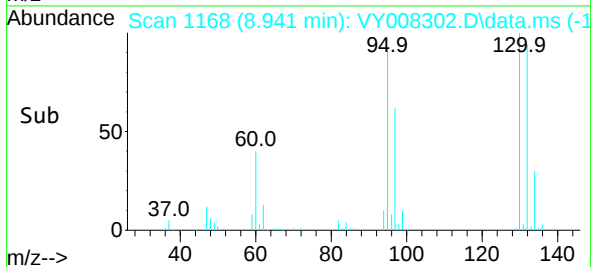
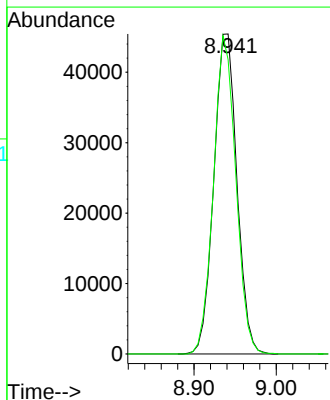
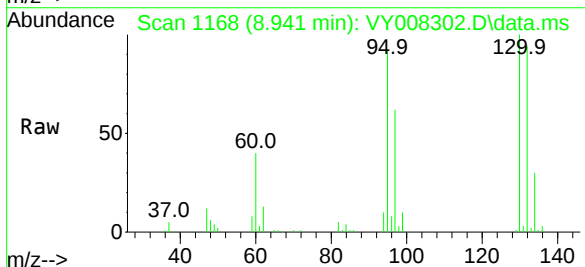
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

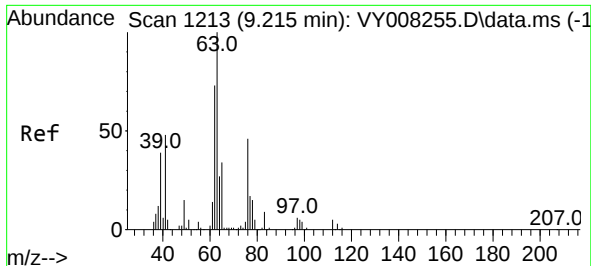
Tgt Ion: 43 Resp: 108946  
Ion Ratio Lower Upper  
43 100  
61 32.4 20.2 30.2#  
87 17.2 8.9 13.3#



#44  
Trichloroethene  
Concen: 48.987 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 130 Resp: 88671  
Ion Ratio Lower Upper  
130 100  
95 92.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.750 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

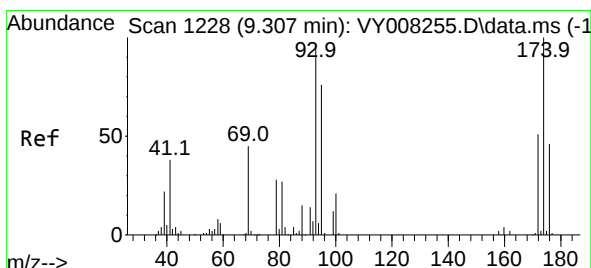
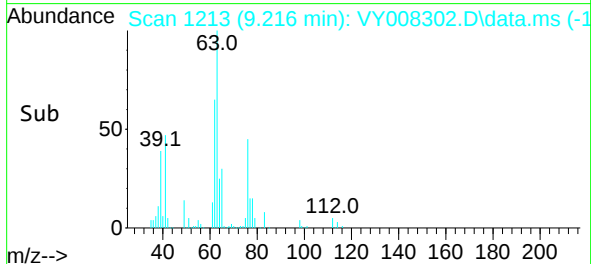
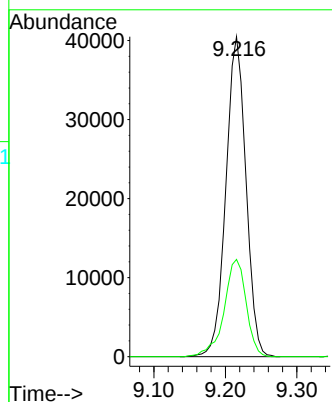
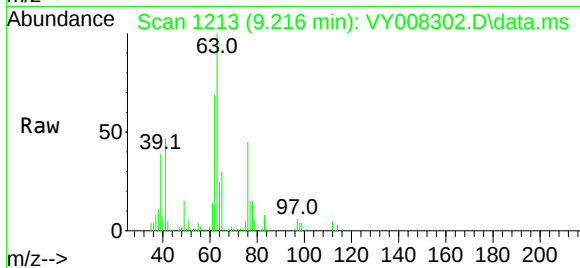
VSTDCCC050

Tgt Ion: 63 Resp: 78741

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 51.655 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

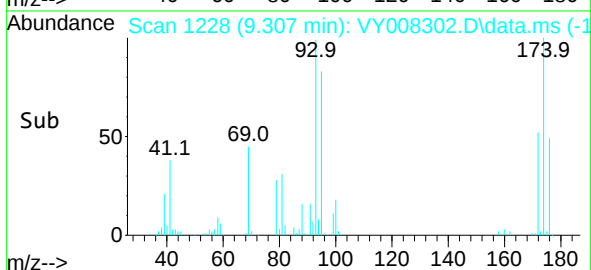
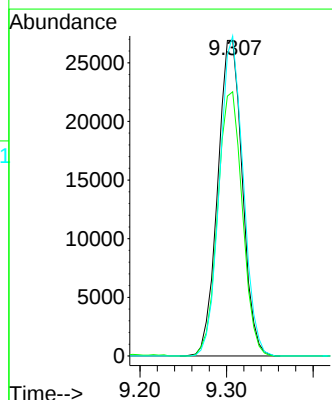
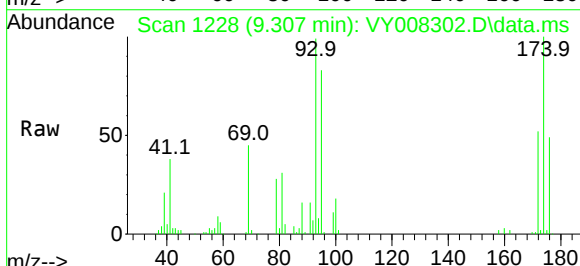
Tgt Ion: 93 Resp: 53044

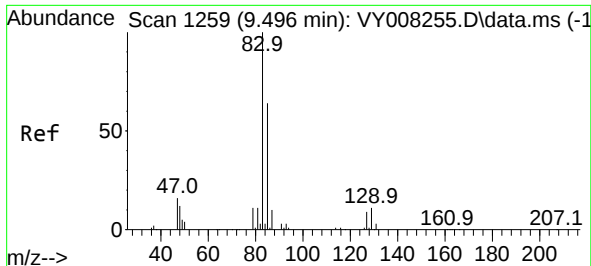
Ion Ratio Lower Upper

93 100

95 83.6 64.3 96.5

174 97.0 83.4 125.0

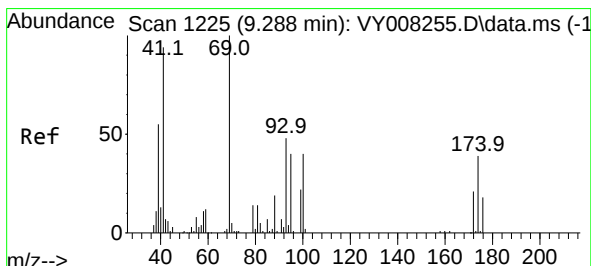
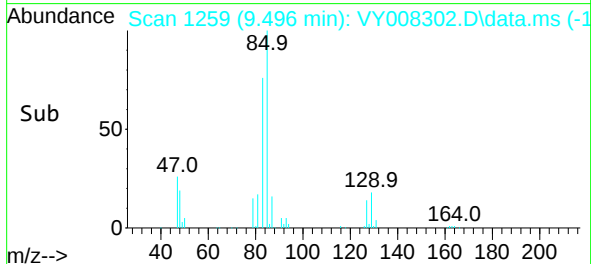
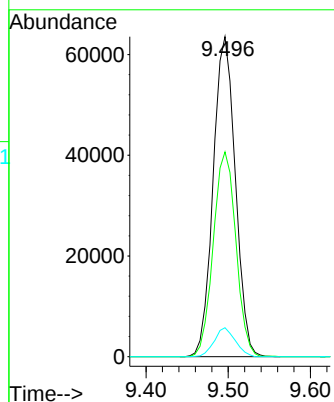
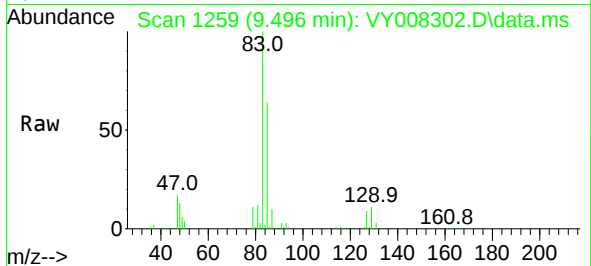




#47  
Bromodichloromethane  
Concen: 51.587 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

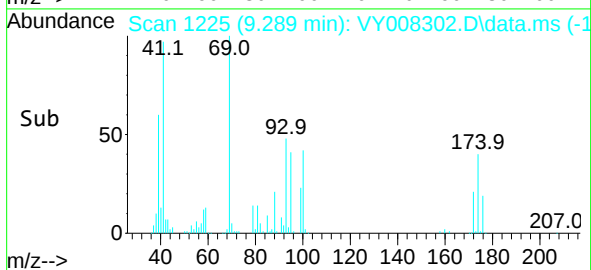
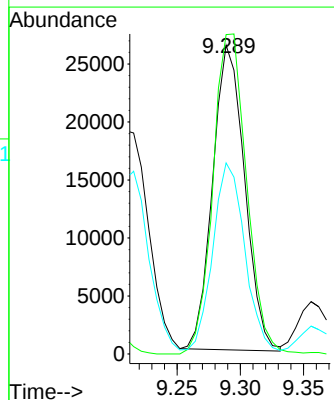
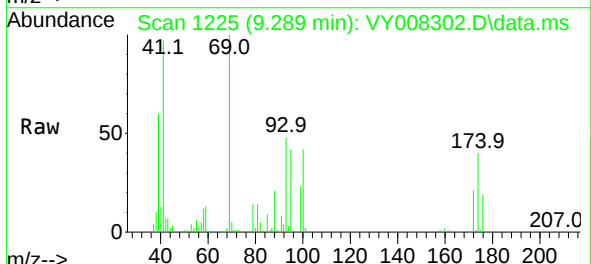
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

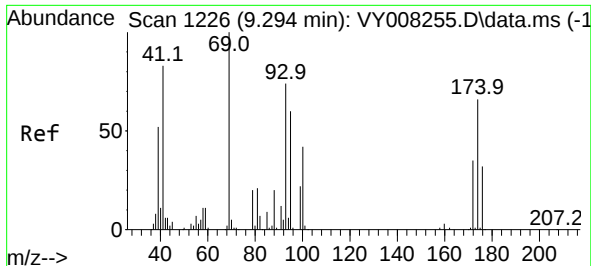
Tgt Ion: 83 Resp: 119136  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.9 77.9  
127 9.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 53.203 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 41 Resp: 46162  
Ion Ratio Lower Upper  
41 100  
69 110.7 58.2 87.2#  
39 63.7 47.4 71.0





#49

1,4-Dioxane

Concen: 1210.227 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

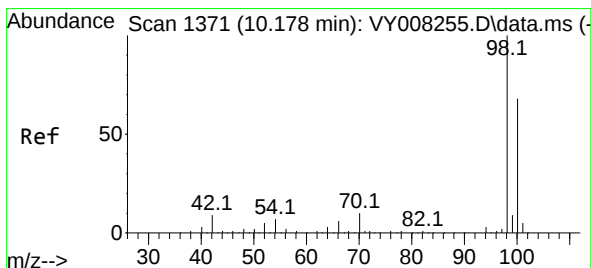
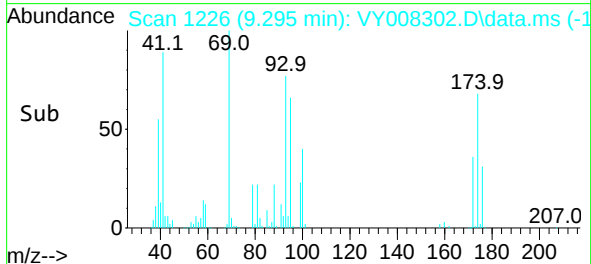
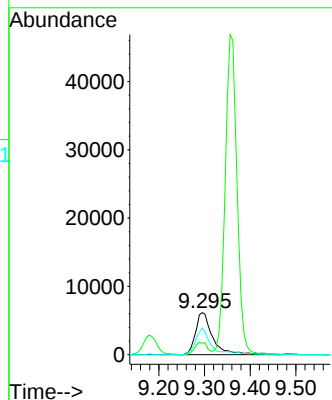
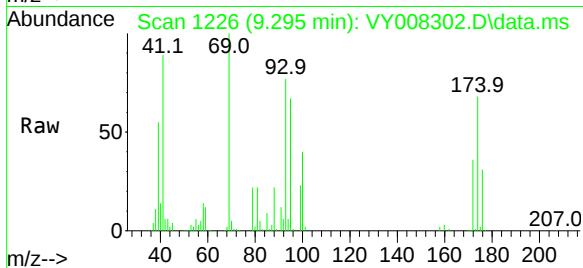
Tgt Ion: 88 Resp: 16038

Ion Ratio Lower Upper

88 100

43 21.5 32.8 49.2#

58 58.3 59.8 89.6#



#50

Toluene-d8

Concen: 42.816 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008302.D

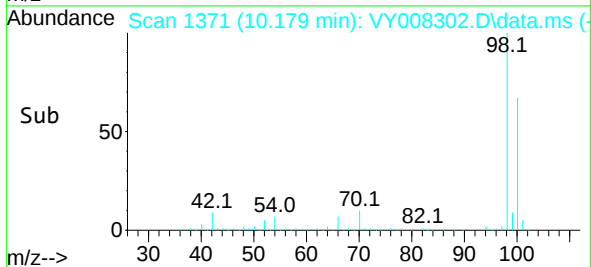
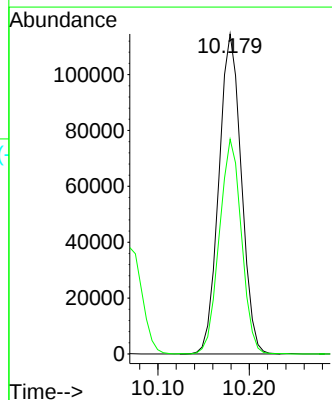
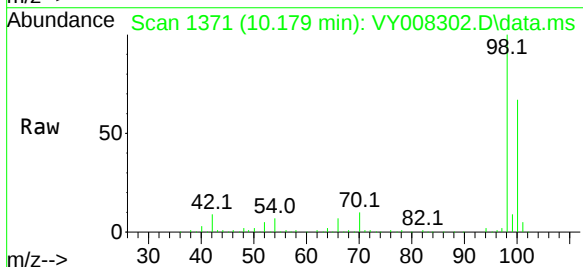
Acq: 13 Apr 2022 09:53

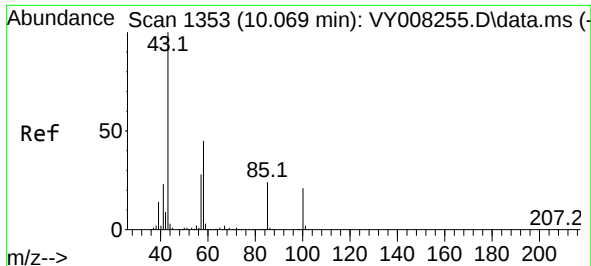
Tgt Ion: 98 Resp: 195685

Ion Ratio Lower Upper

98 100

100 66.1 50.2 75.2

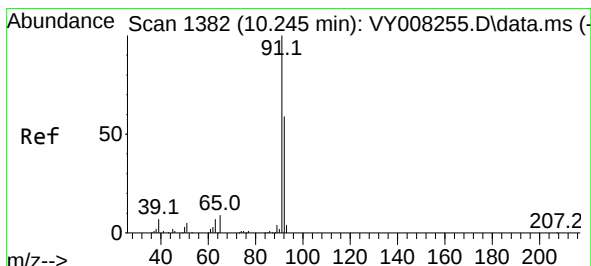
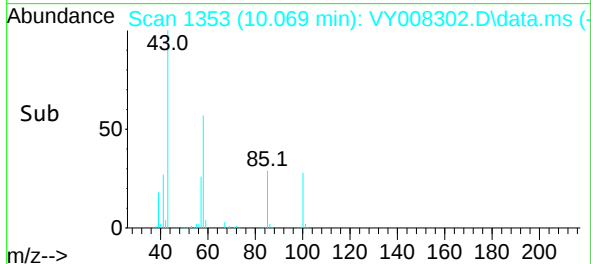
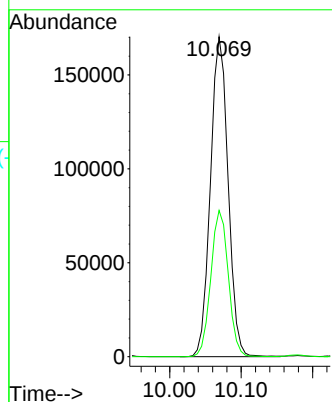
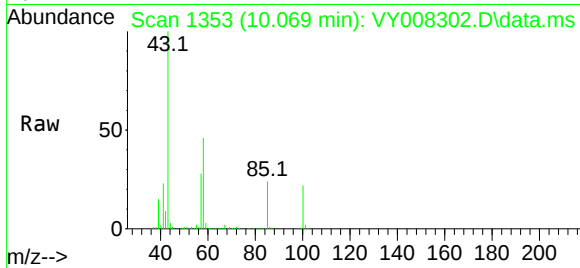




#51  
4-Methyl-2-Pentanone  
Concen: 277.012 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

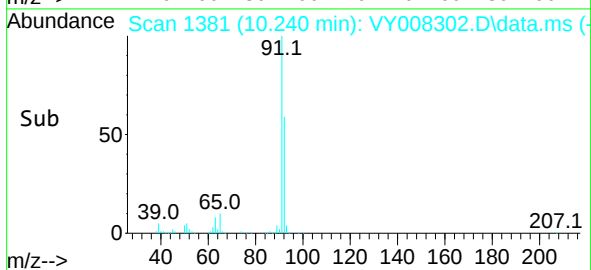
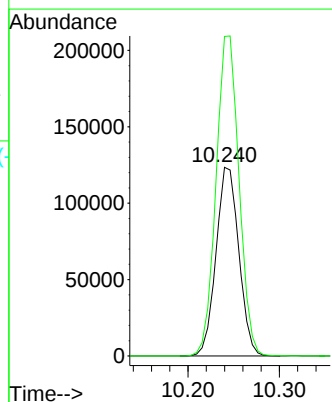
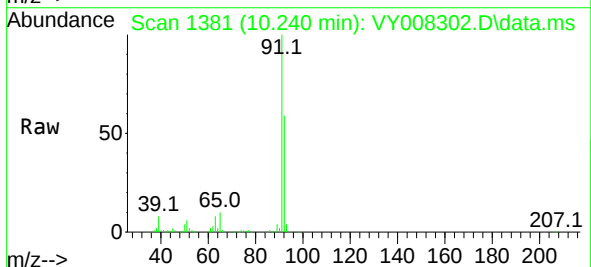
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

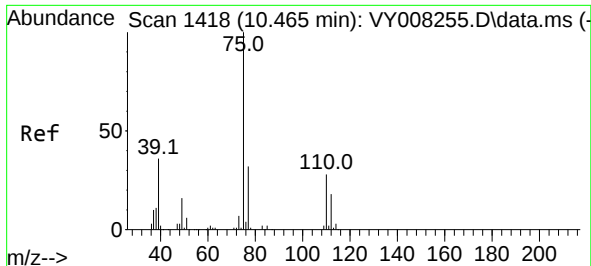
Tgt Ion: 43 Resp: 291948  
Ion Ratio Lower Upper  
43 100  
58 45.3 28.1 42.1#



#52  
Toluene  
Concen: 51.149 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.005 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 92 Resp: 214035  
Ion Ratio Lower Upper  
92 100  
91 171.0 142.6 213.8

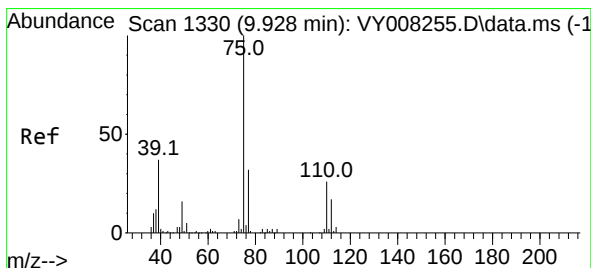
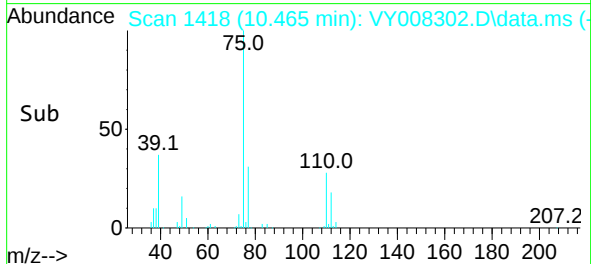
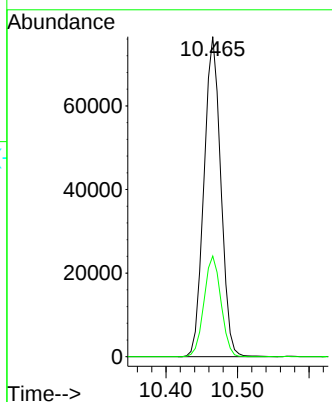
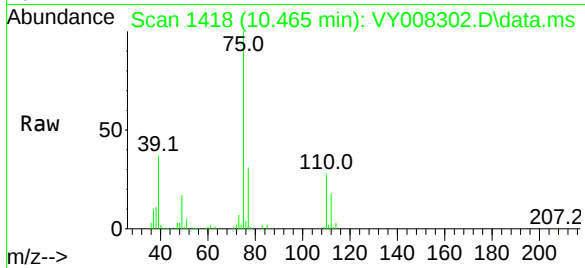




#53  
 t-1,3-Dichloropropene  
 Concen: 53.183 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

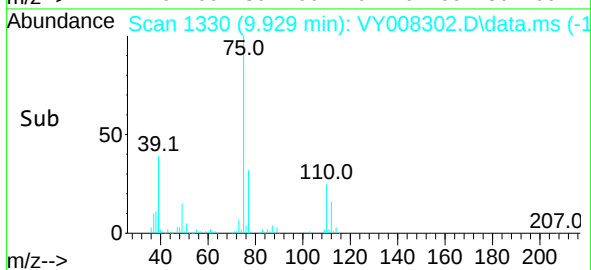
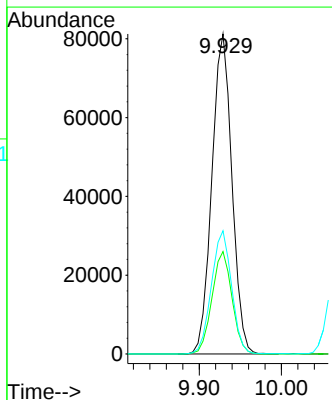
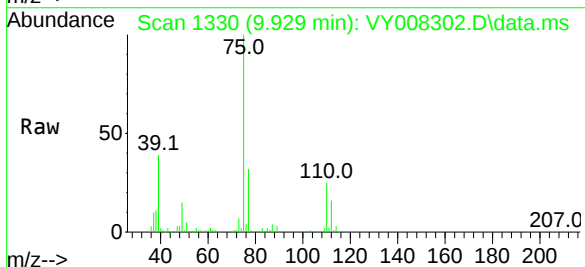
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

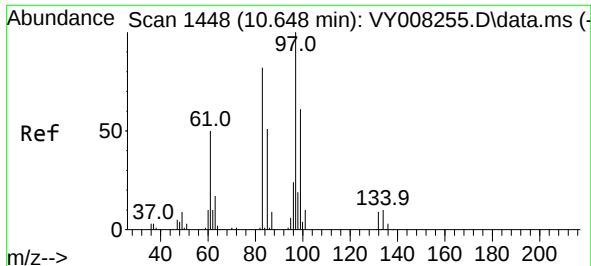
Tgt Ion: 75 Resp: 125171  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.803 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.001 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

Tgt Ion: 75 Resp: 137553  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.6 38.4  
 39 38.5 47.6 71.4#

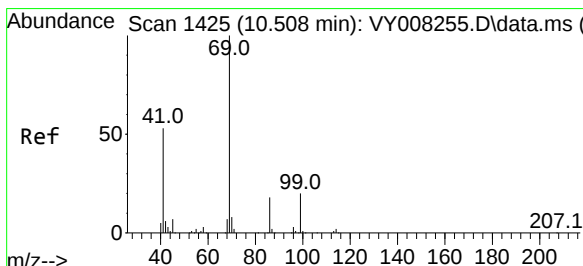
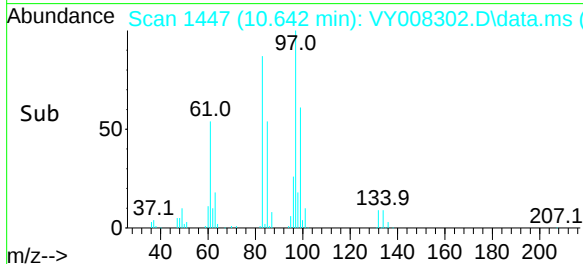
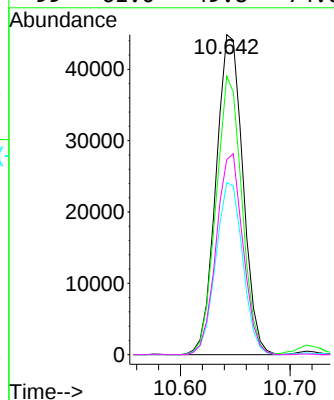
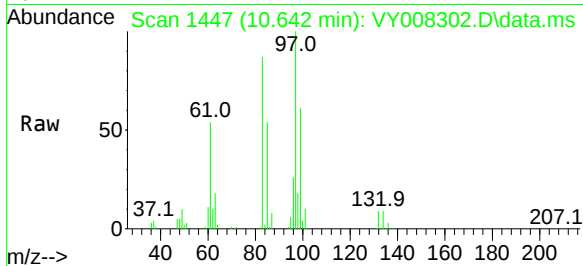




#55  
1,1,2-Trichloroethane  
Concen: 52.305 ug/l  
RT: 10.642 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

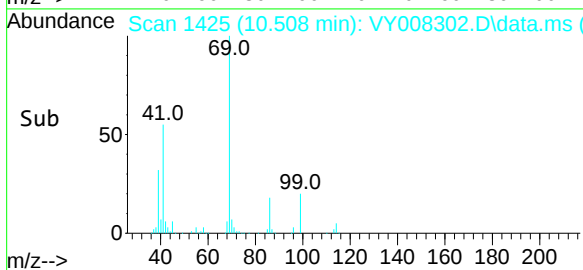
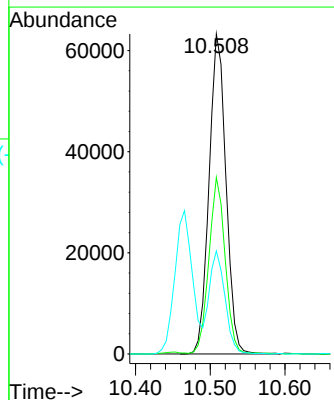
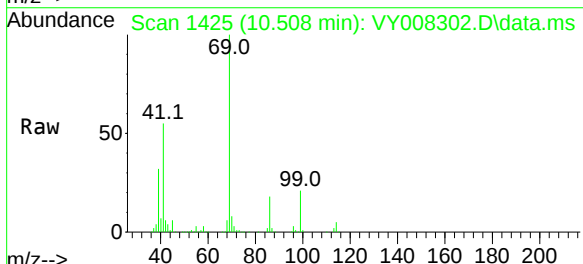
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

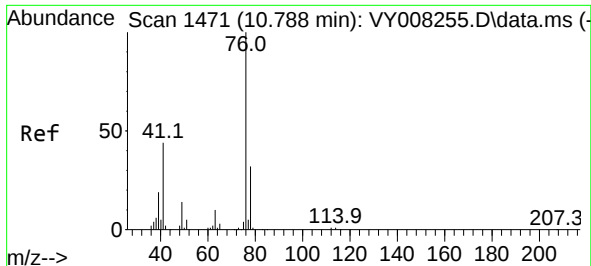
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 76619 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.1     | 69.8 104.8  |
| 85 53.8     | 44.3 66.5   |
| 99 61.0     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 55.320 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 99351 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 53.5     | 63.4 95.0#  |
| 39 30.0     | 35.8 53.8#  |





#57

1,3-Dichloropropane

Concen: 51.506 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

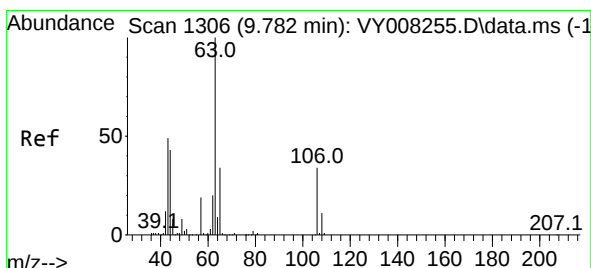
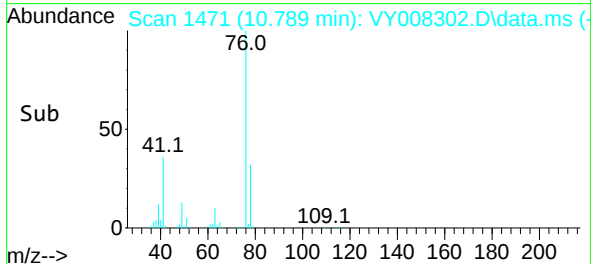
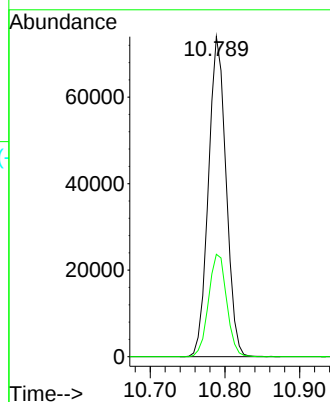
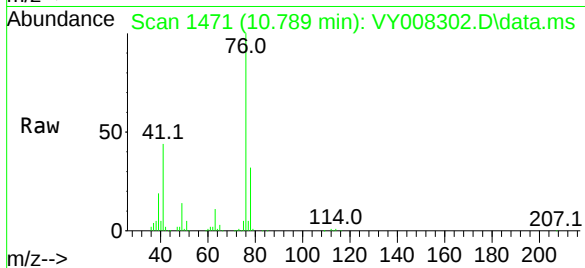
VSTDCCC050

Tgt Ion: 76 Resp: 121159

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 243.515 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008302.D

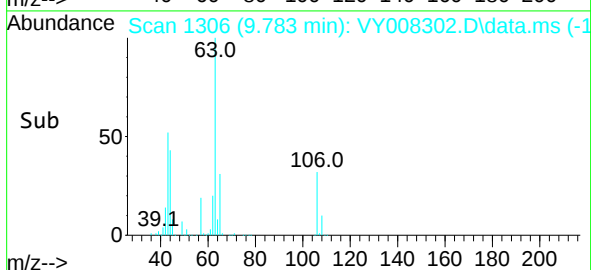
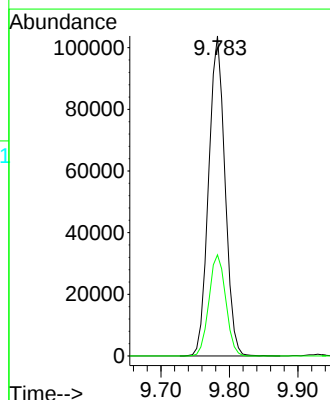
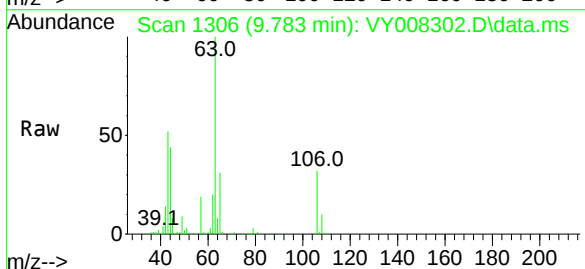
Acq: 13 Apr 2022 09:53

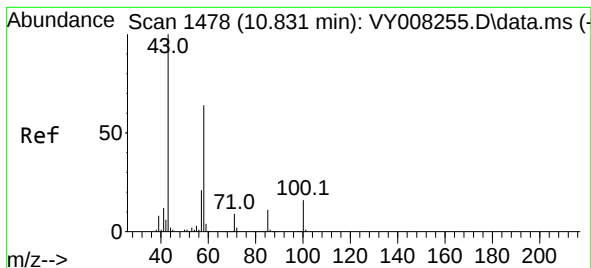
Tgt Ion: 63 Resp: 172268

Ion Ratio Lower Upper

63 100

106 32.4 21.5 32.3#

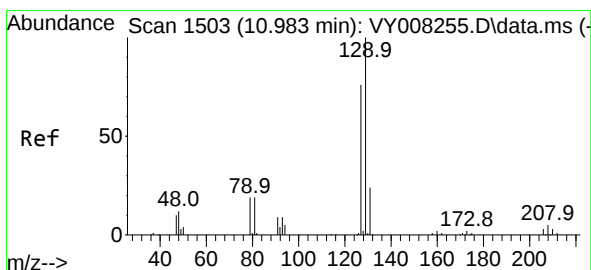
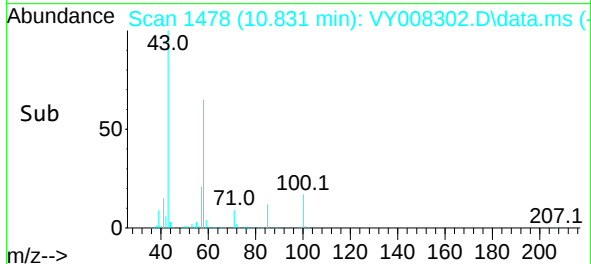
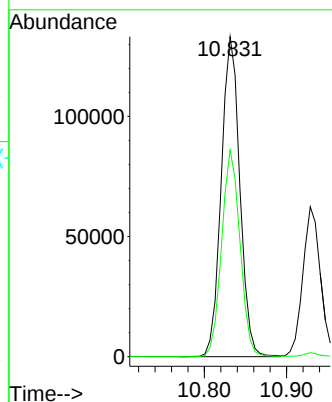
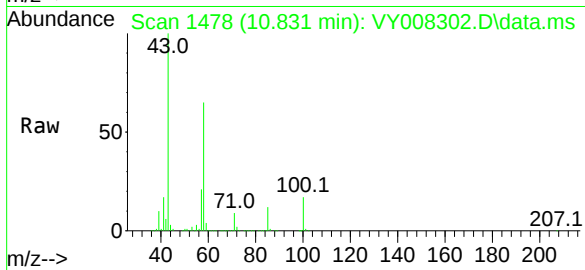




#59  
2-Hexanone  
Concen: 287.831 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

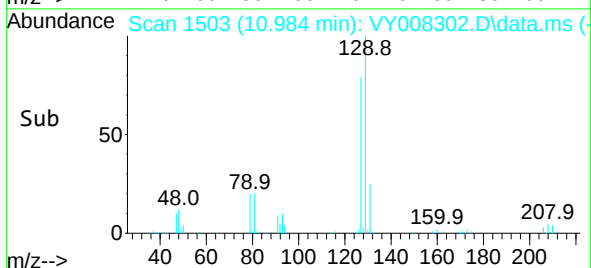
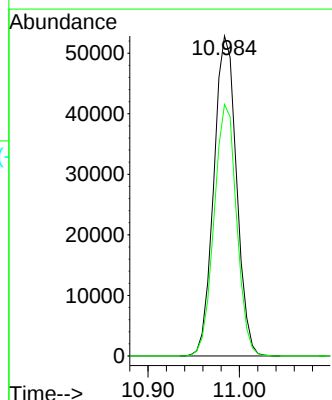
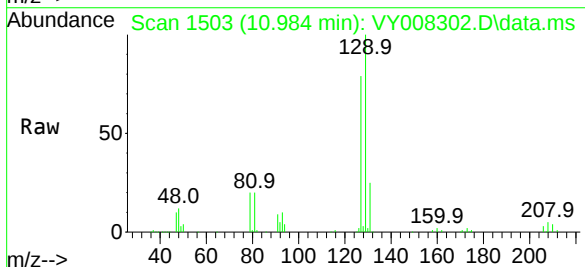
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

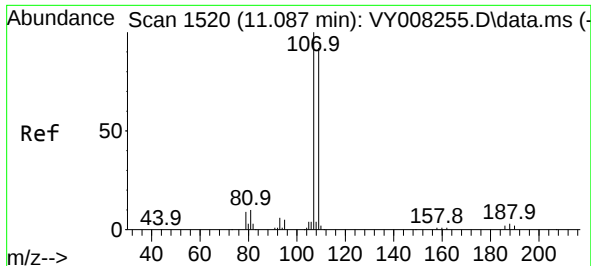
Tgt Ion: 43 Resp: 208734  
Ion Ratio Lower Upper  
43 100  
58 63.9 24.4 73.4



#60  
Dibromochloromethane  
Concen: 53.230 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 129 Resp: 91082  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.7 116.1

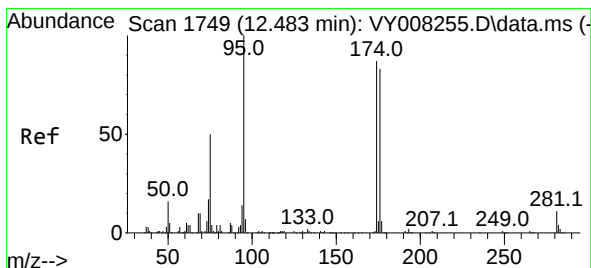
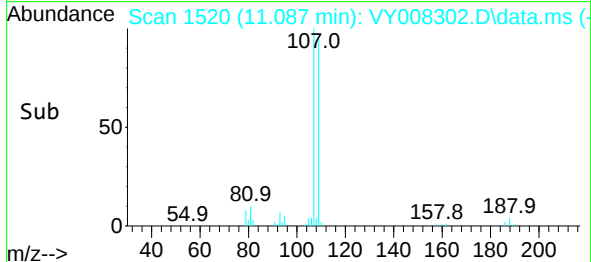
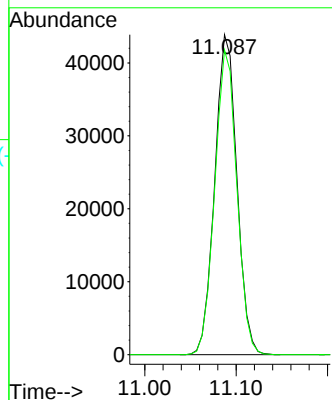
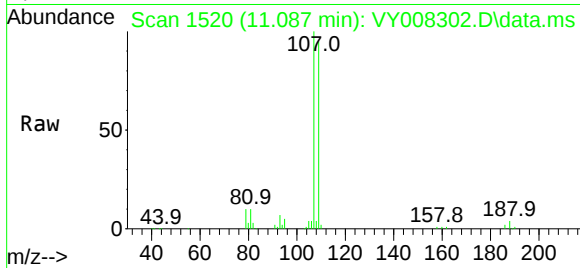




#61  
1,2-Dibromoethane  
Concen: 51.519 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

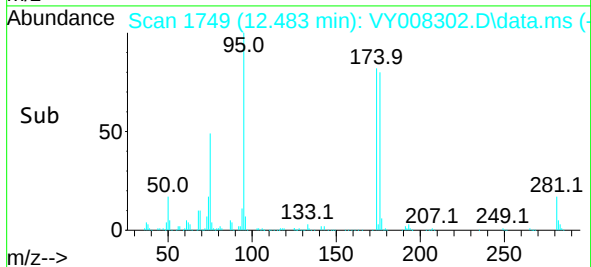
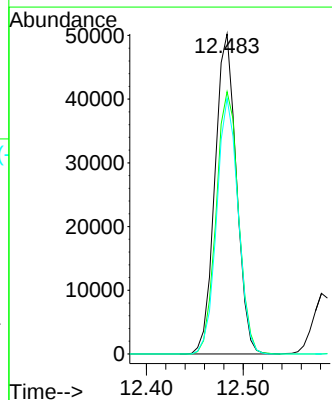
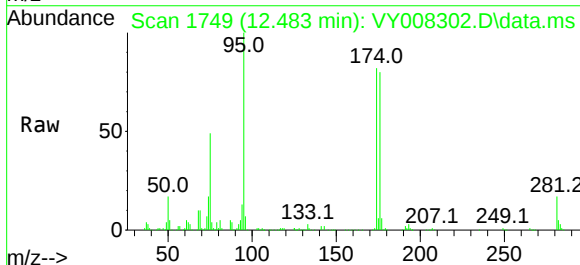
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

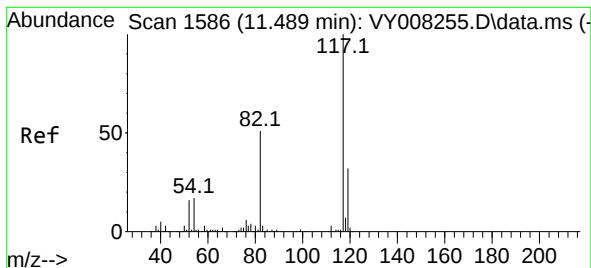
Tgt Ion:107 Resp: 73784  
Ion Ratio Lower Upper  
107 100  
109 95.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 44.911 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 95 Resp: 77203  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 177.0  
176 79.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

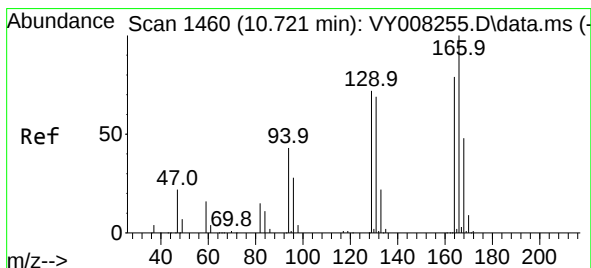
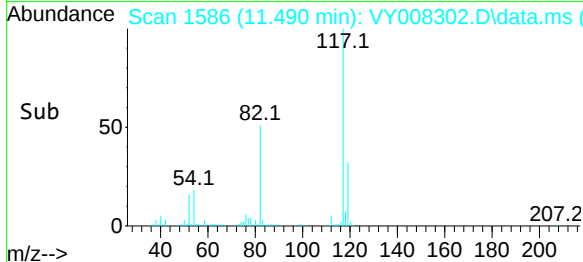
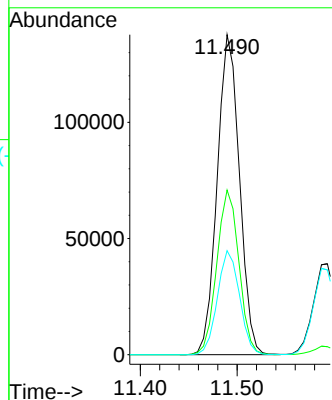
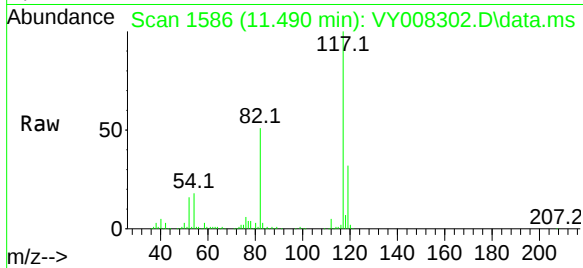
Tgt Ion:117 Resp: 219803

Ion Ratio Lower Upper

117 100

82 51.5 43.0 64.4

119 32.5 25.4 38.0



#64

Tetrachloroethene

Concen: 48.982 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Tgt Ion:164 Resp: 75882

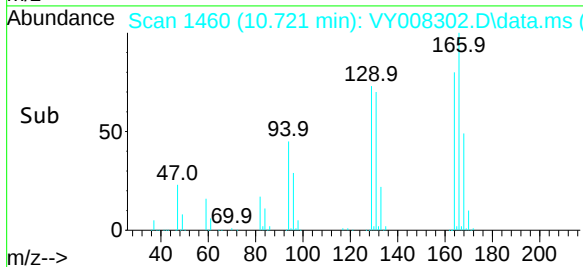
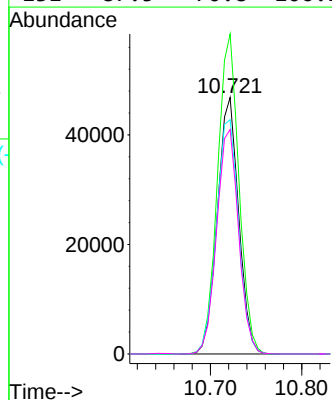
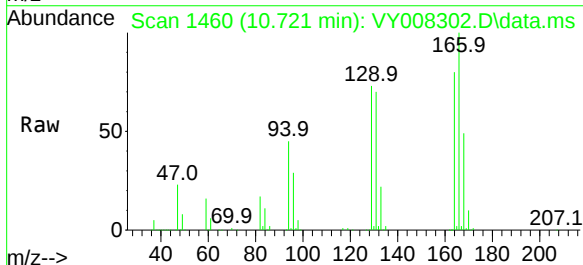
Ion Ratio Lower Upper

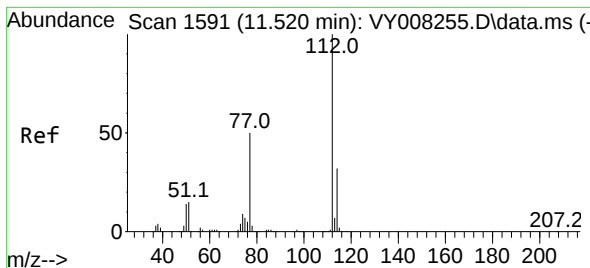
164 100

166 124.8 100.4 150.6

129 91.3 71.4 107.0

131 87.5 70.8 106.2

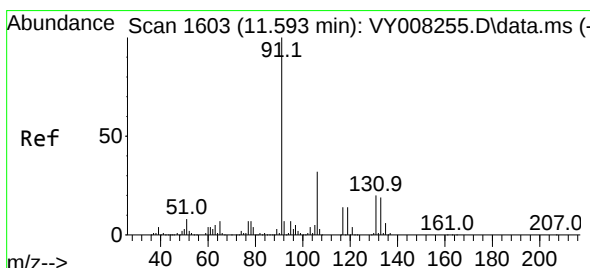
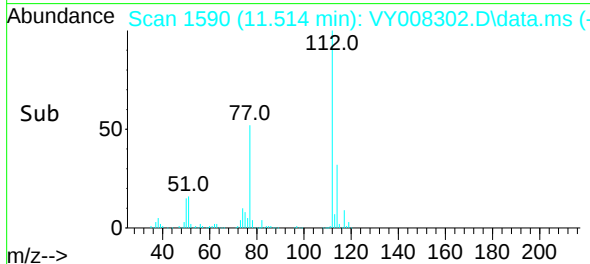
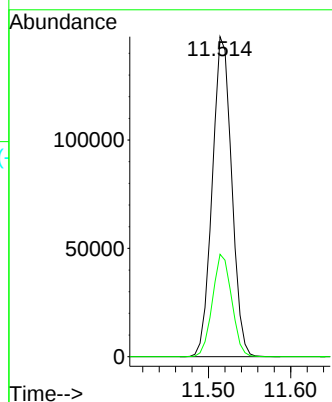
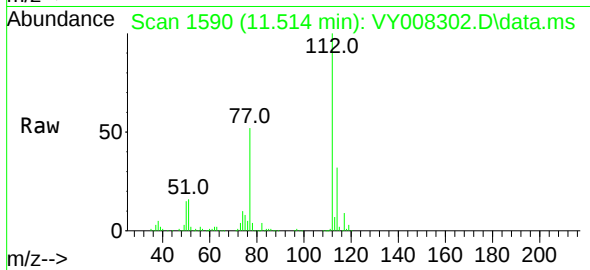




#65  
Chlorobenzene  
Concen: 50.764 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

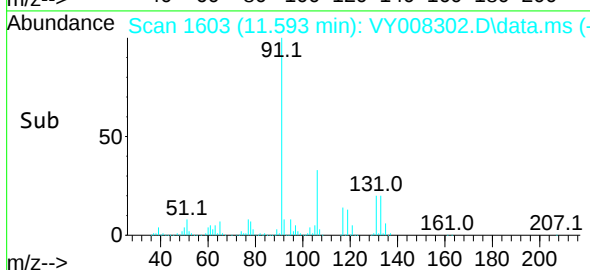
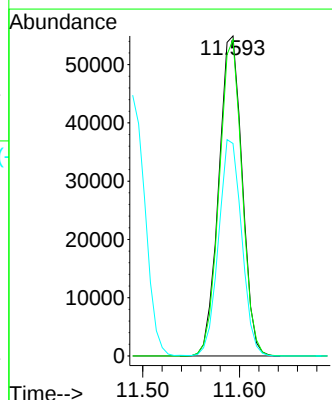
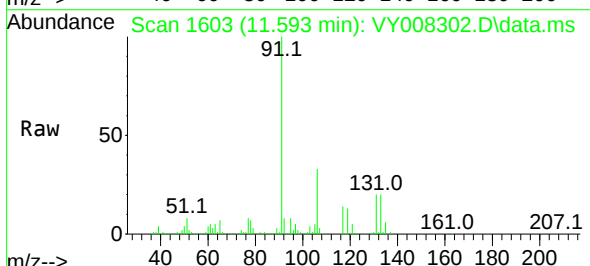
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

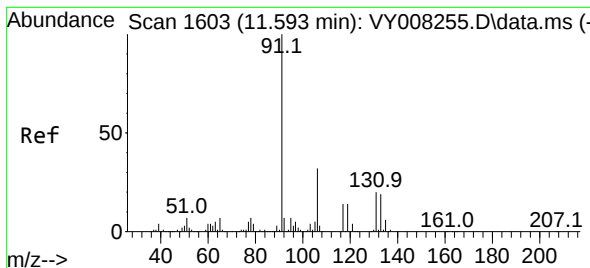
Tgt Ion:112 Resp: 241977  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.857 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion:131 Resp: 92240  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.9 143.6  
119 66.7 30.8 92.3





#67

Ethyl Benzene

Concen: 51.996 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

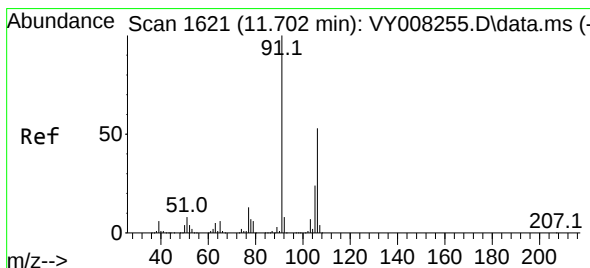
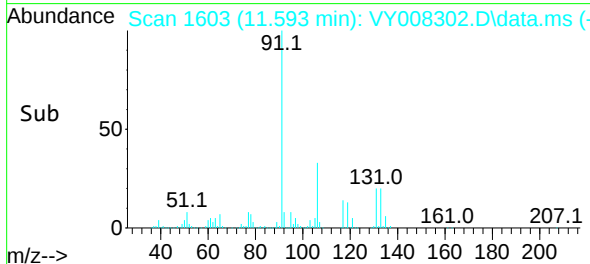
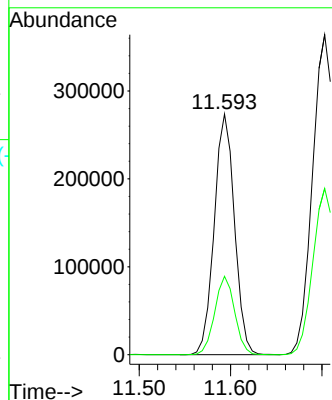
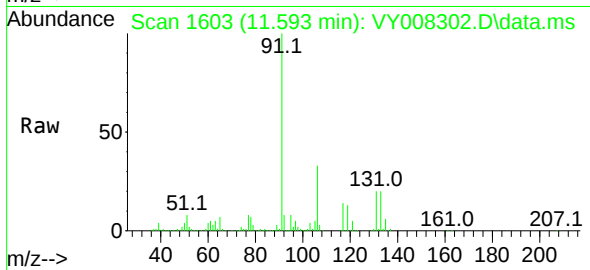
VSTDCCC050

Tgt Ion: 91 Resp: 421486

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 104.046 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY008302.D

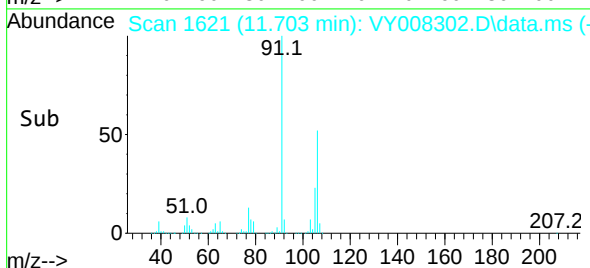
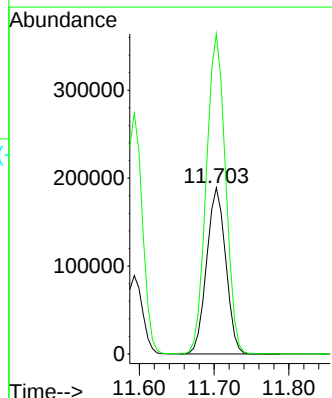
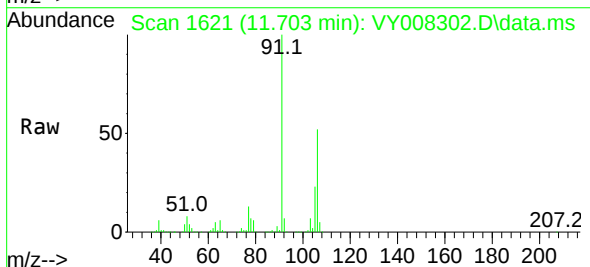
Acq: 13 Apr 2022 09:53

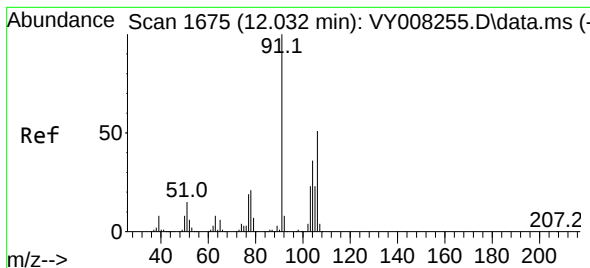
Tgt Ion: 106 Resp: 335433

Ion Ratio Lower Upper

106 100

91 193.7 166.6 249.8





#69

o-Xylene

Concen: 51.546 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

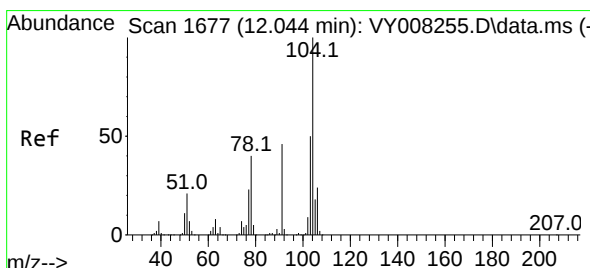
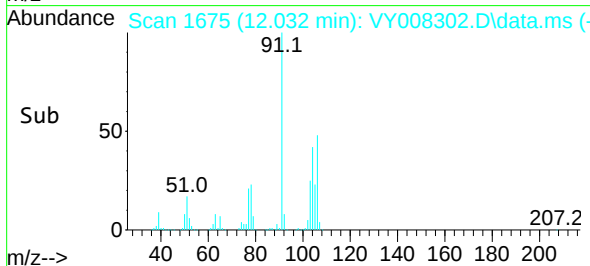
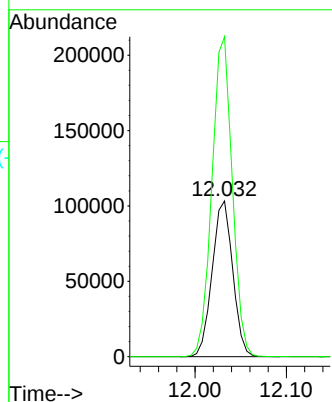
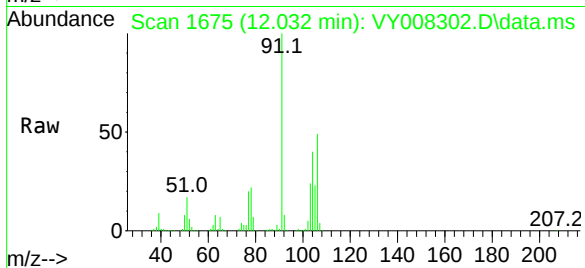
VSTDCCC050

Tgt Ion:106 Resp: 161264

Ion Ratio Lower Upper

106 100

91 203.3 110.3 331.0



#70

Styrene

Concen: 53.429 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

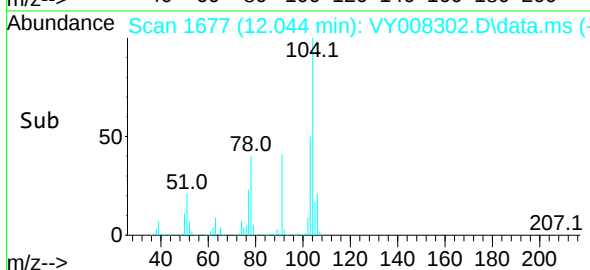
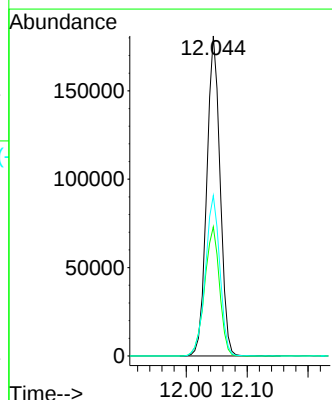
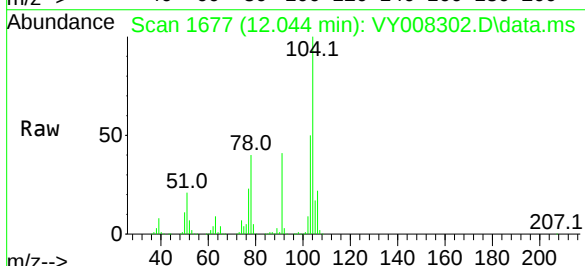
Tgt Ion:104 Resp: 275674

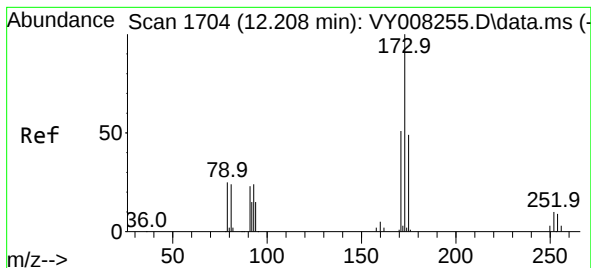
Ion Ratio Lower Upper

104 100

78 44.7 42.4 63.6

103 54.2 44.4 66.6





#71

Bromoform

Concen: 53.436 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

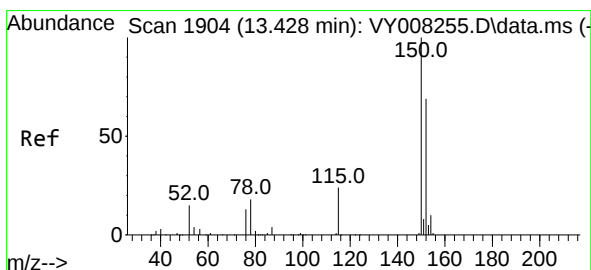
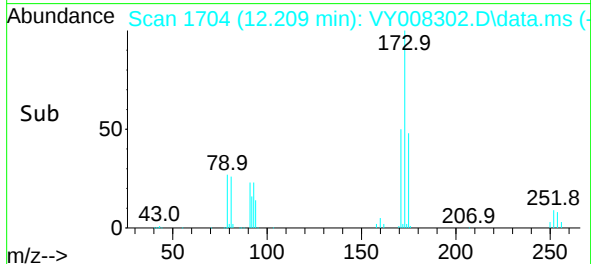
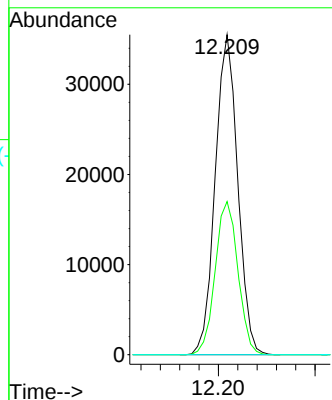
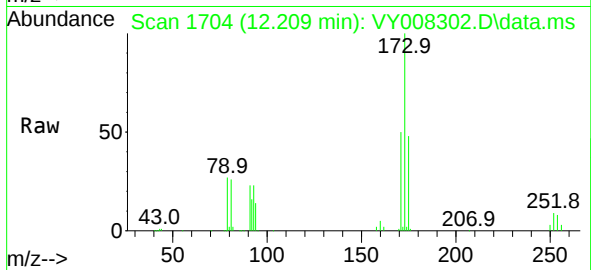
Tgt Ion:173 Resp: 57294

Ion Ratio Lower Upper

173 100

175 48.5 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: VY008302.D

Acq: 13 Apr 2022 09:53

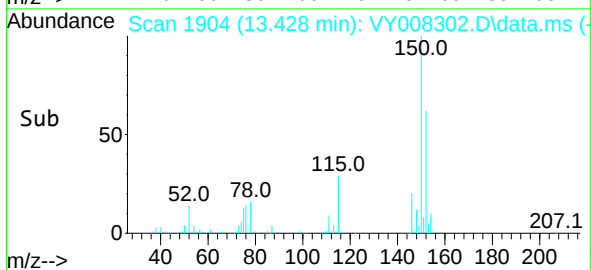
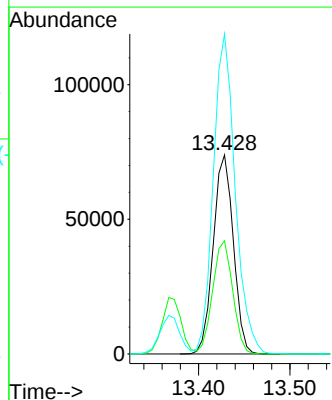
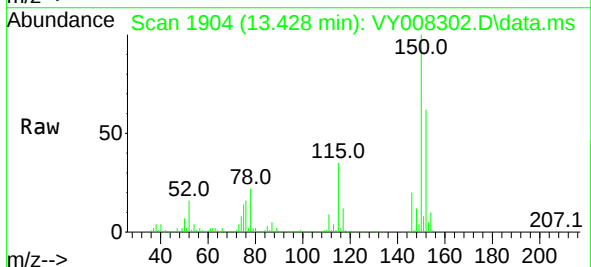
Tgt Ion:152 Resp: 112834

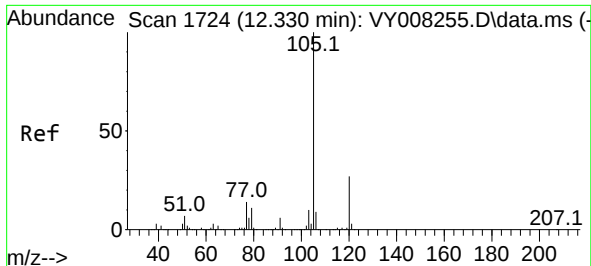
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 175.5 0.0 347.6

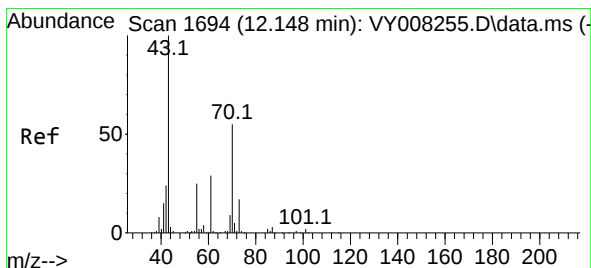
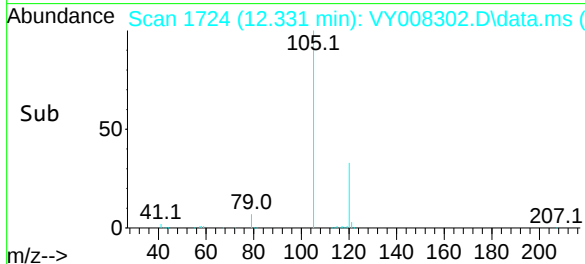
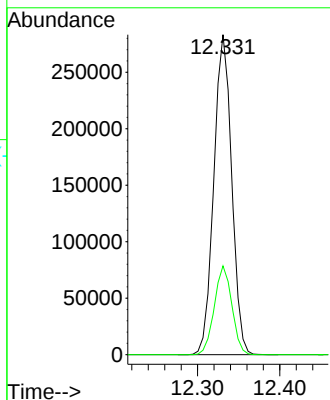
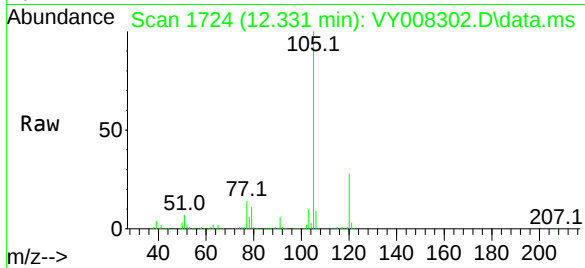




#73  
Isopropylbenzene  
Concen: 50.968 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

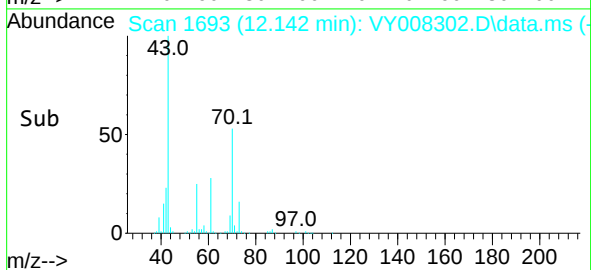
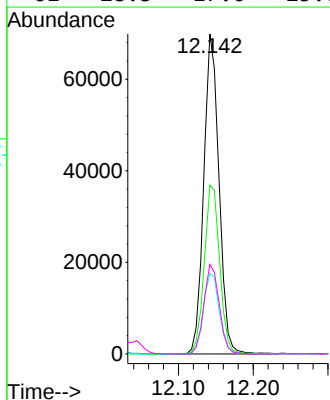
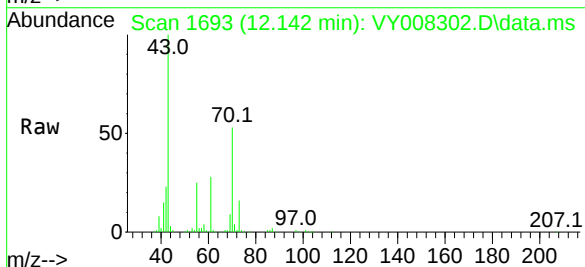
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

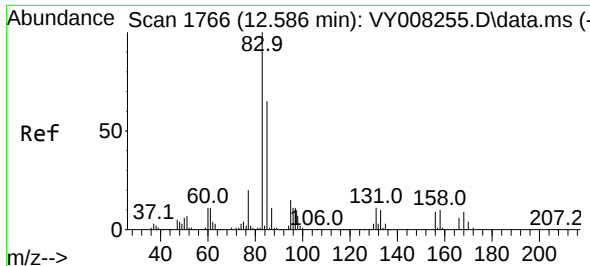
Tgt Ion:105 Resp: 427570  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.4 40.2



#74  
N-ethyl acetate  
Concen: 54.321 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 43 Resp: 98935  
Ion Ratio Lower Upper  
43 100  
70 53.7 28.7 43.1#  
55 26.5 17.3 25.9#  
61 28.3 17.0 25.6#

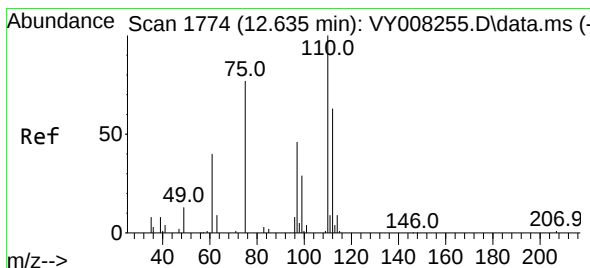
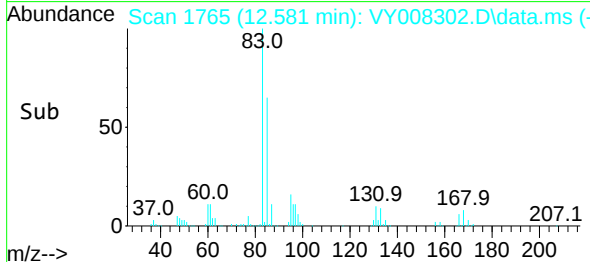
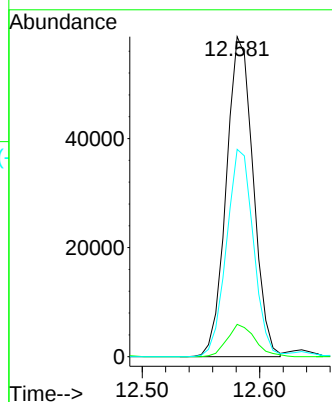
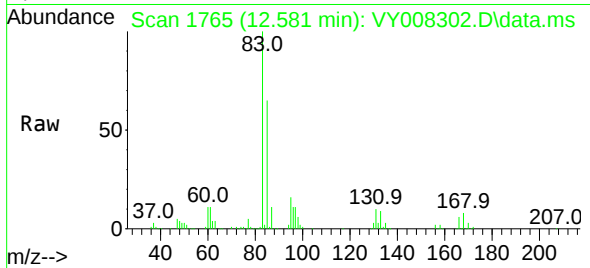




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 52.561 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.005 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

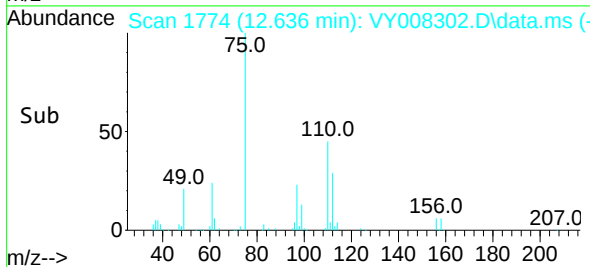
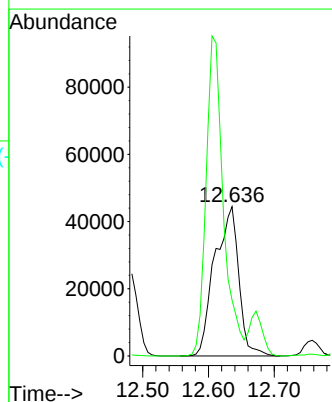
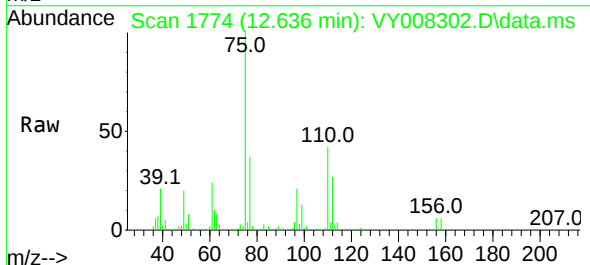
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

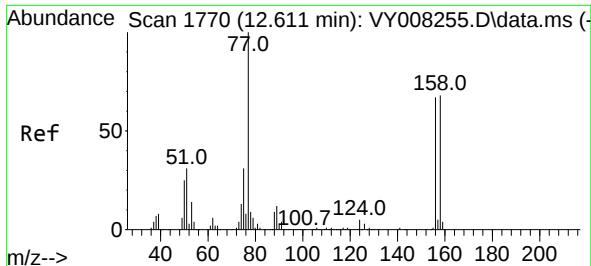
Tgt Ion: 83 Resp: 93301  
 Ion Ratio Lower Upper  
 83 100  
 131 10.5 5.6 16.8  
 85 65.2 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 91.069 ug/l  
 RT: 12.636 min Scan# 1774  
 Delta R.T. 0.001 min  
 Lab File: VY008302.D  
 Acq: 13 Apr 2022 09:53

Tgt Ion: 75 Resp: 113646  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

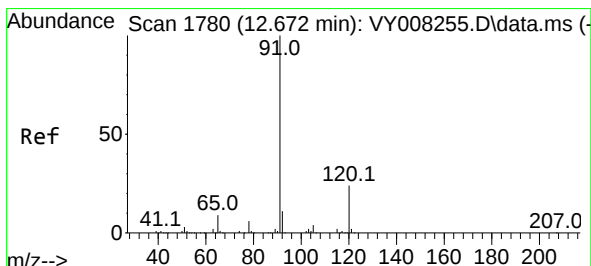
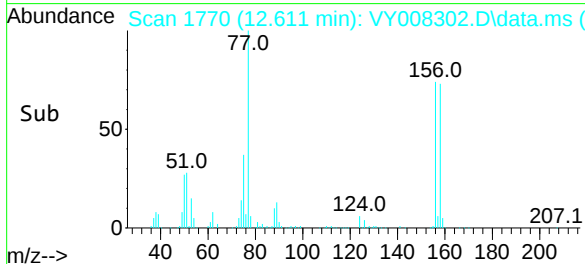
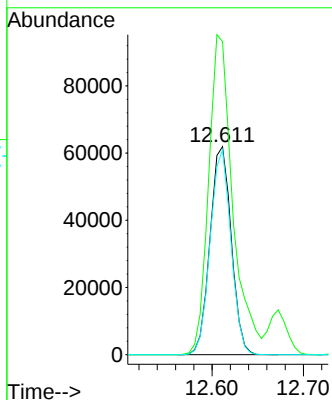
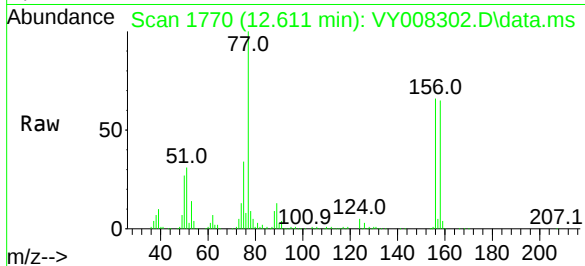




#77  
Bromobenzene  
Concen: 48.642 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

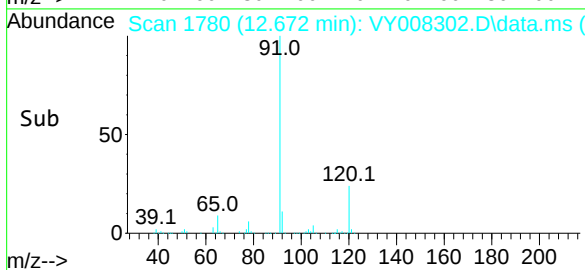
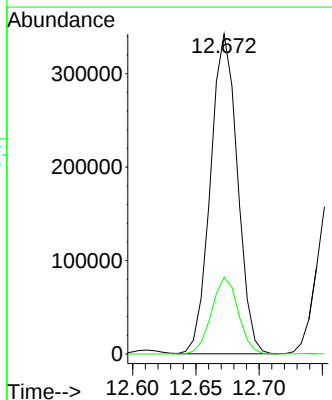
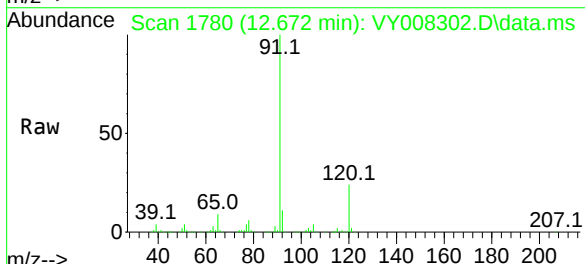
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

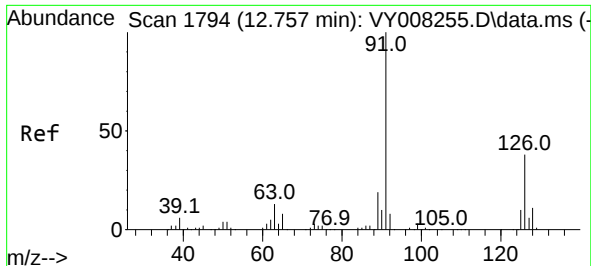
Tgt Ion:156 Resp: 99995  
Ion Ratio Lower Upper  
156 100  
77 174.5 95.5 286.4  
158 95.8 48.0 144.0



#78  
n-propylbenzene  
Concen: 51.304 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 91 Resp: 507859  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.3 33.9

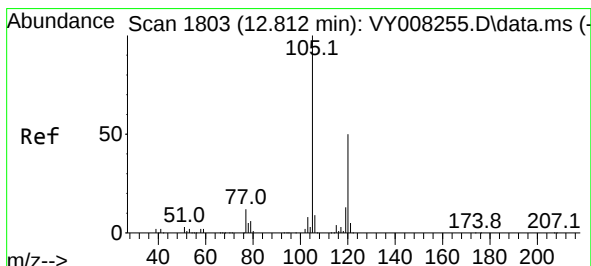
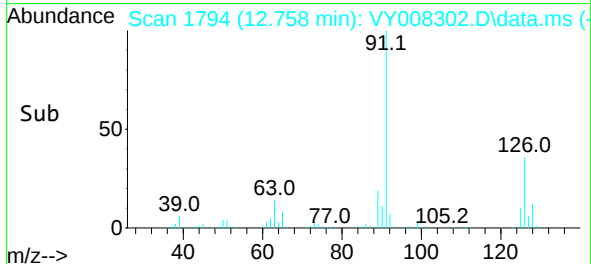
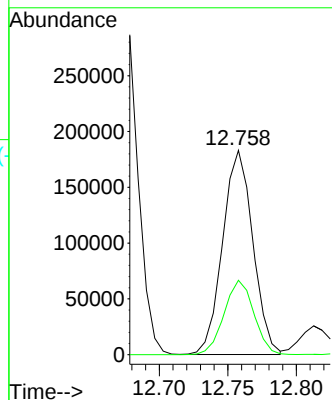
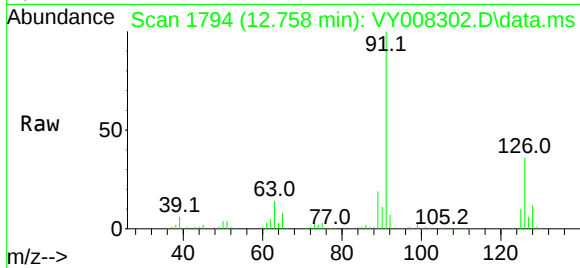




#79  
2-Chlorotoluene  
Concen: 50.532 ug/l  
RT: 12.758 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

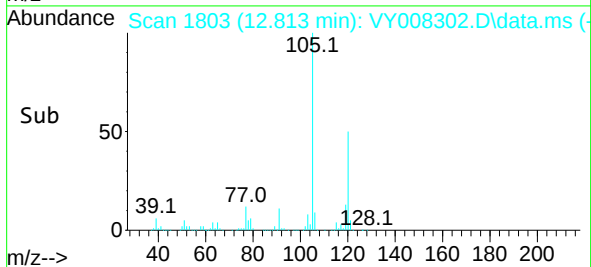
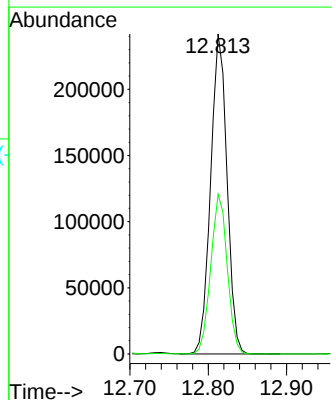
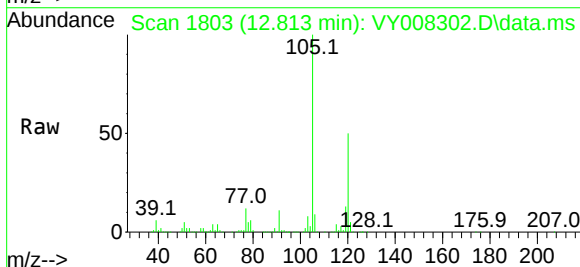
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

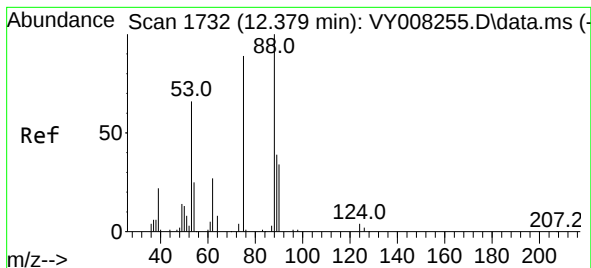
Tgt Ion: 91 Resp: 280726  
Ion Ratio Lower Upper  
91 100  
126 36.0 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.970 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 105 Resp: 350616  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.4 73.4

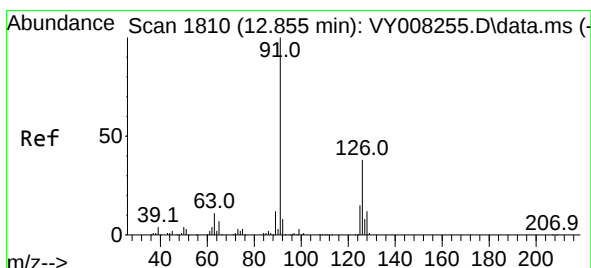
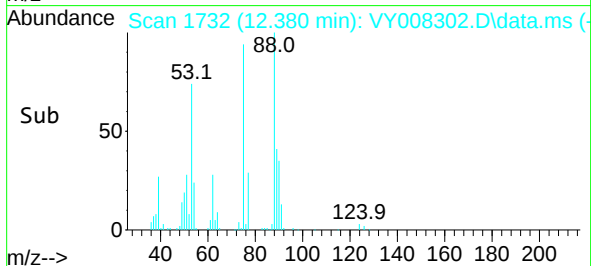
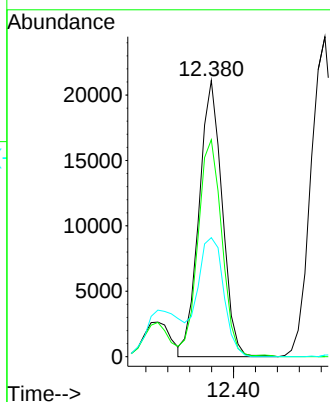
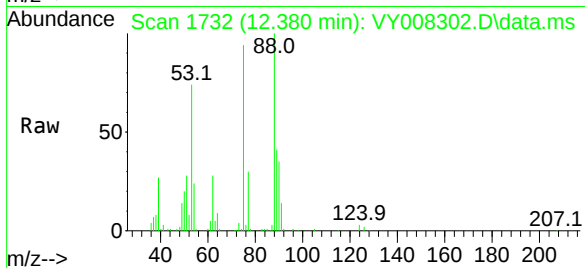




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.419 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

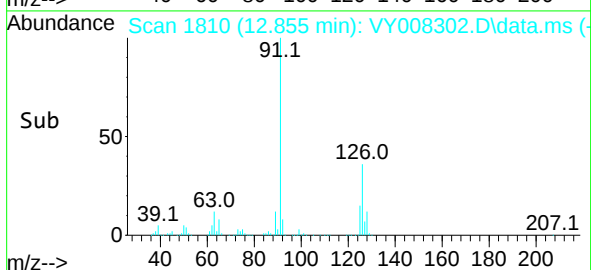
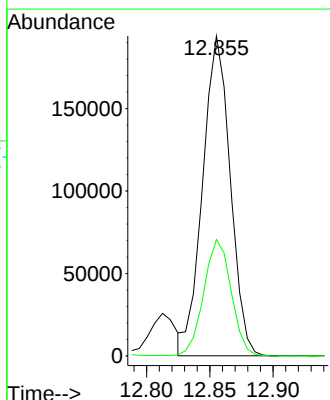
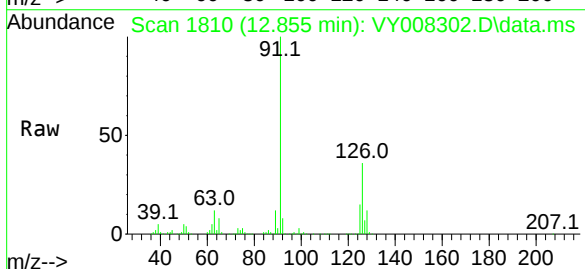
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

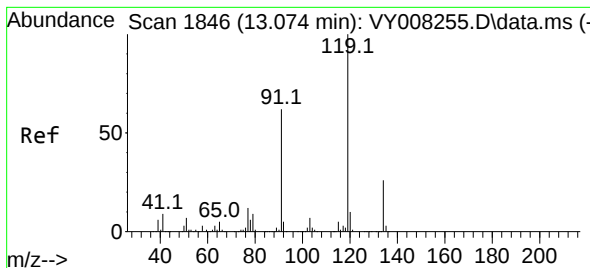
Tgt Ion: 75 Resp: 30909  
Ion Ratio Lower Upper  
75 100  
53 81.2 85.3 127.9#  
89 48.8 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 51.501 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 91 Resp: 294023  
Ion Ratio Lower Upper  
91 100  
126 36.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.470 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

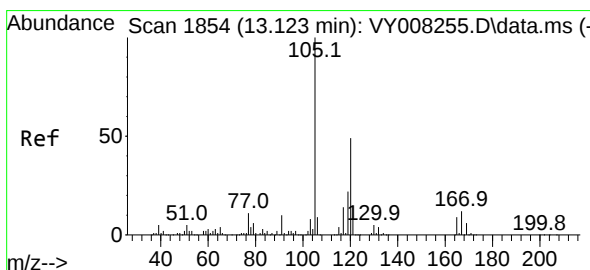
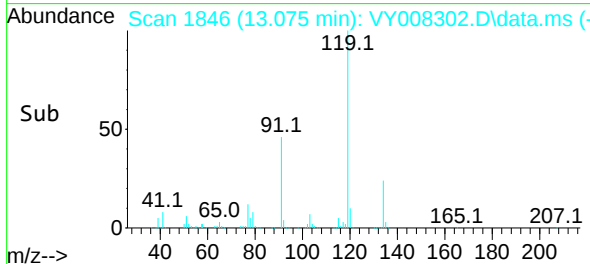
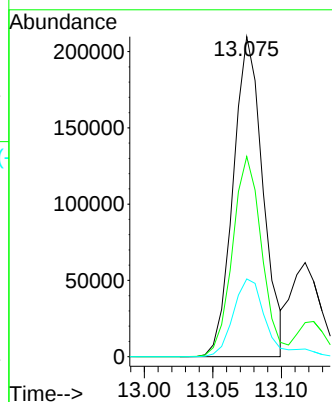
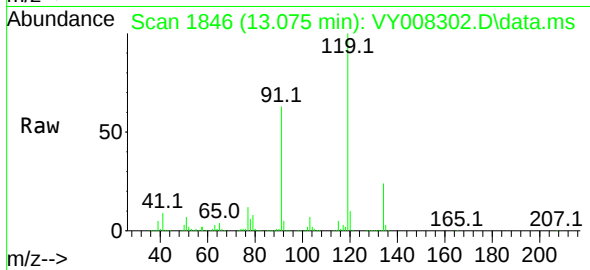
Tgt Ion:119 Resp: 317626

Ion Ratio Lower Upper

119 100

91 61.9 34.8 104.4

134 27.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.662 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008302.D

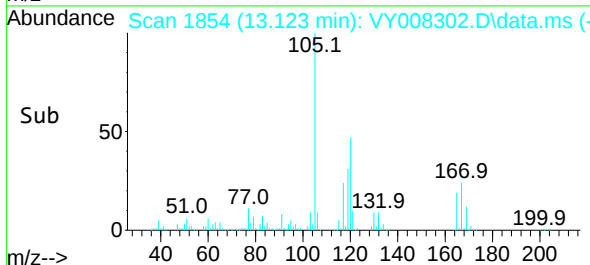
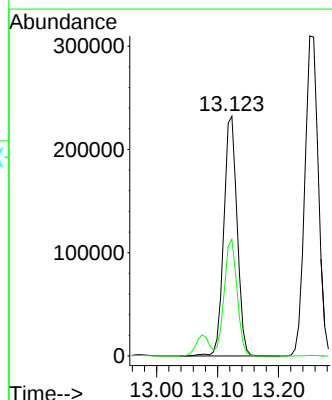
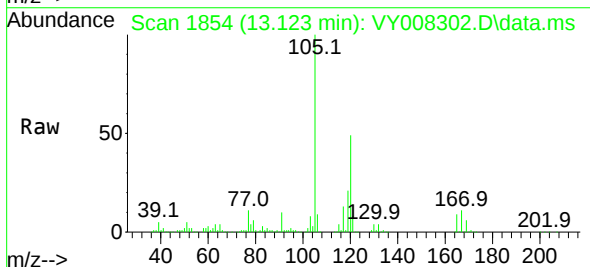
Acq: 13 Apr 2022 09:53

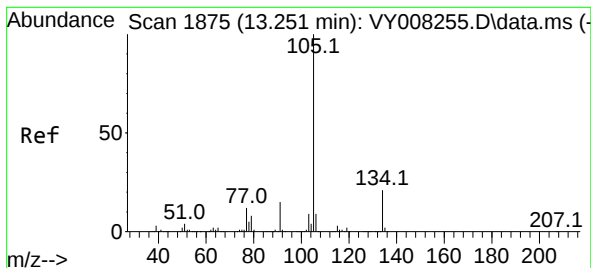
Tgt Ion:105 Resp: 351693

Ion Ratio Lower Upper

105 100

120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.187 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

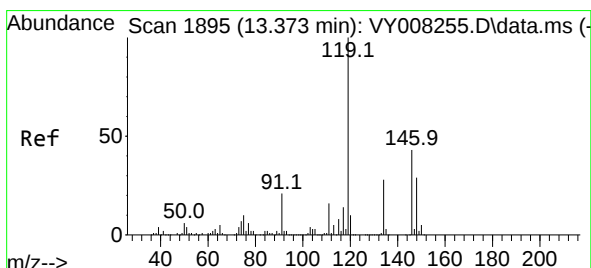
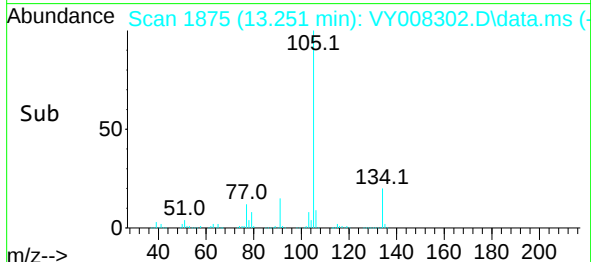
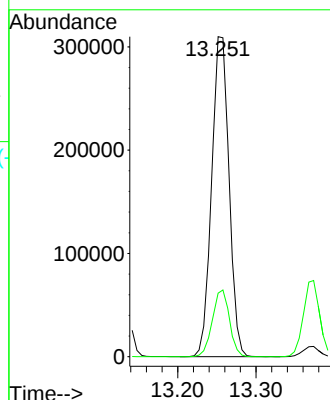
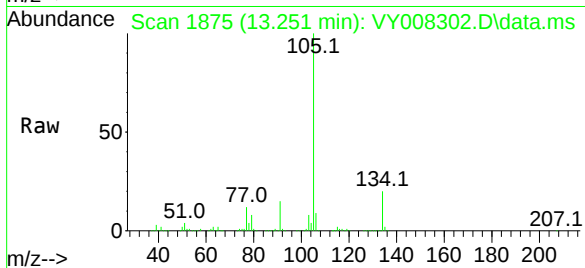
VSTDCCC050

Tgt Ion:105 Resp: 477454

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.351 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

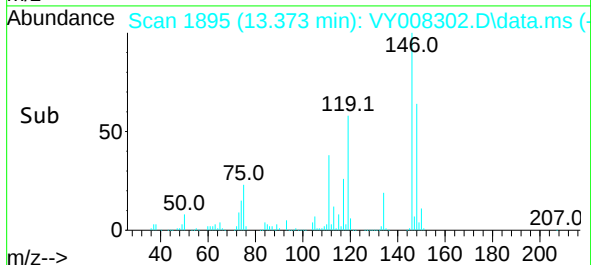
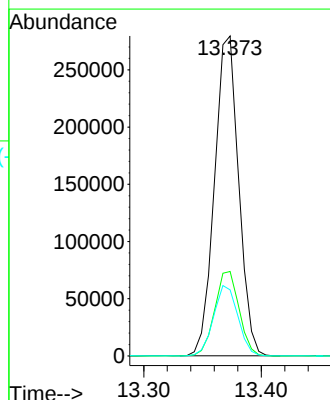
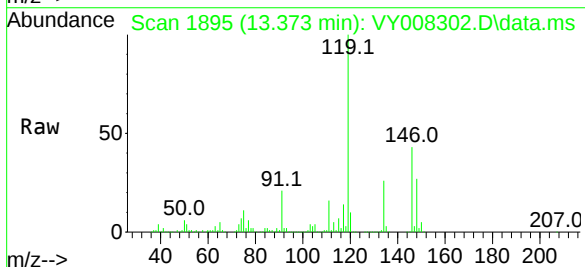
Tgt Ion:119 Resp: 399682

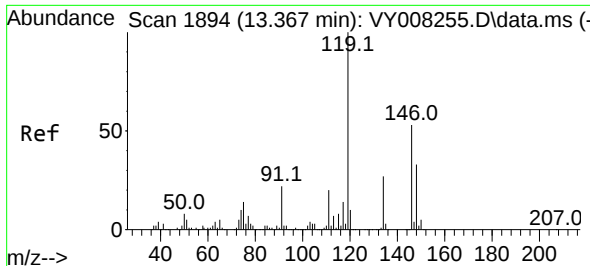
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.1 12.4 37.2

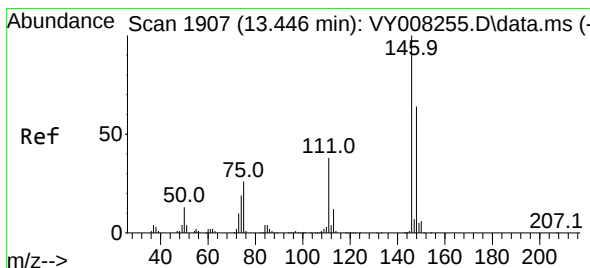
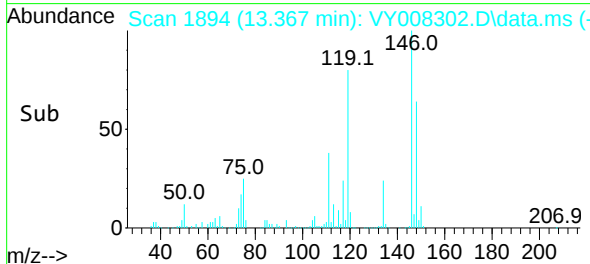
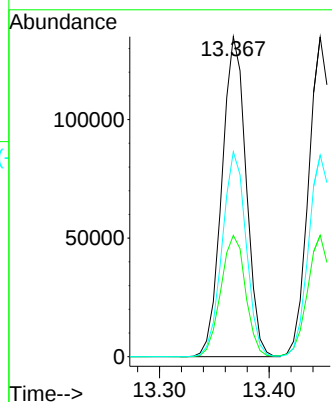
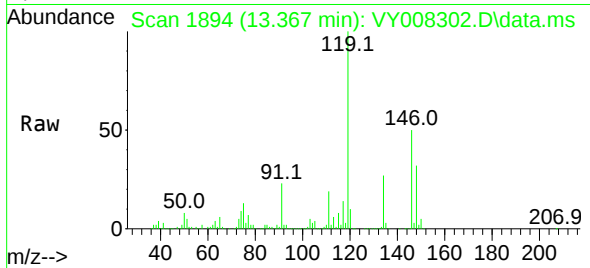




#87  
1,3-Dichlorobenzene  
Concen: 50.945 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

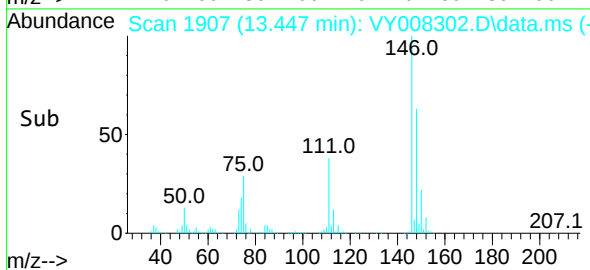
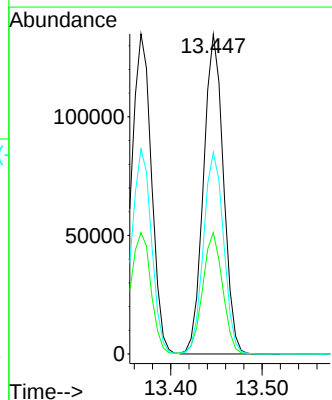
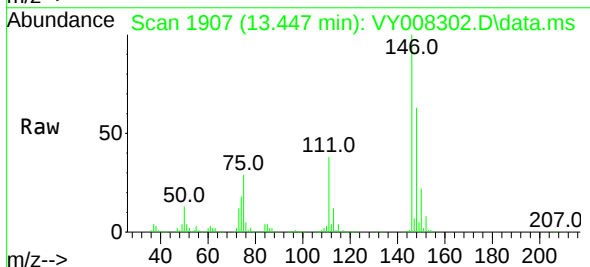
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

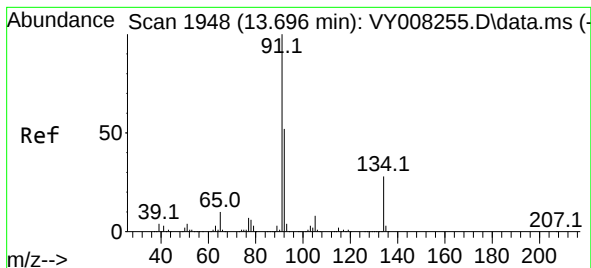
Tgt Ion:146 Resp: 207415  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.5 58.5  
148 63.3 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 50.553 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion:146 Resp: 203701  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.3 57.8  
148 63.8 32.6 97.8





#89

n-Butylbenzene

Concen: 51.971 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

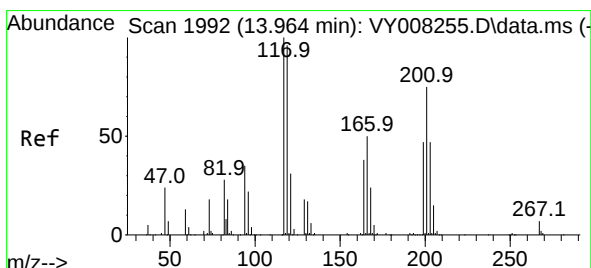
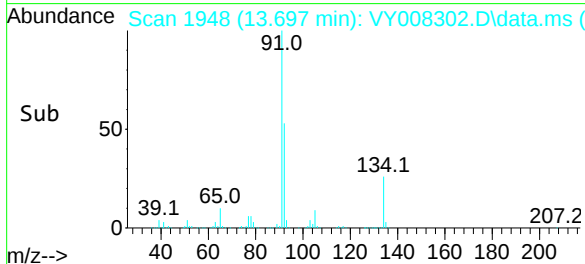
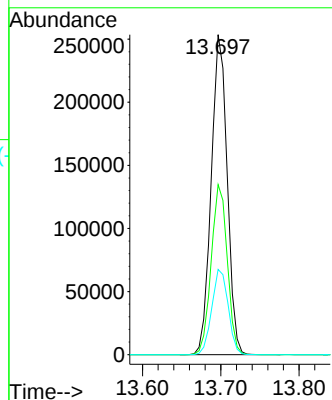
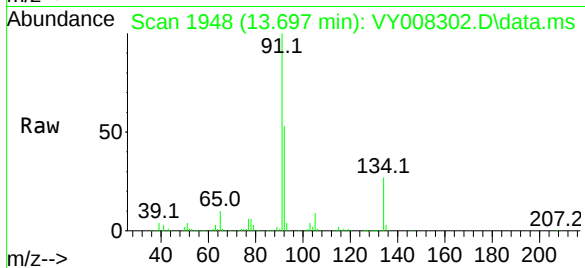
Tgt Ion: 91 Resp: 358486

Ion Ratio Lower Upper

91 100

92 53.5 26.3 78.9

134 27.3 13.0 38.9



#90

Hexachloroethane

Concen: 52.415 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY008302.D

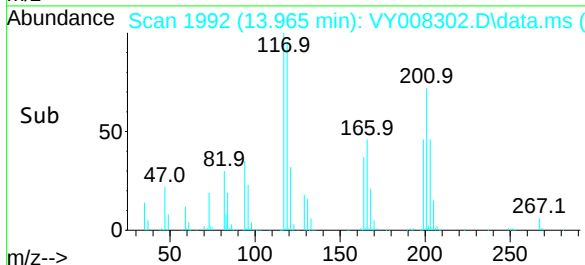
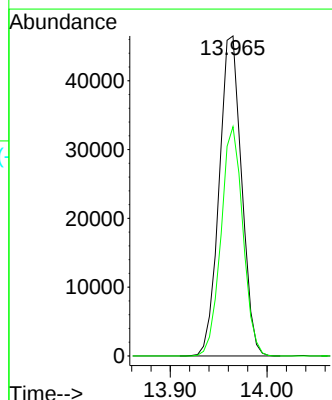
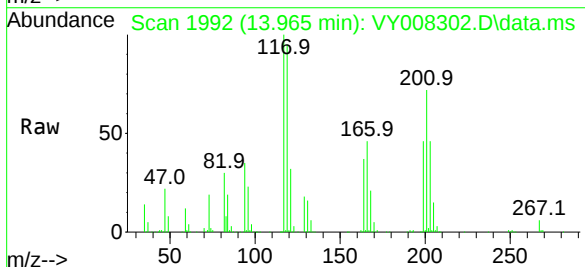
Acq: 13 Apr 2022 09:53

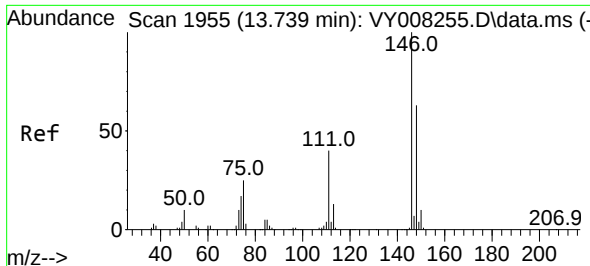
Tgt Ion: 117 Resp: 74794

Ion Ratio Lower Upper

117 100

201 69.9 43.0 128.8

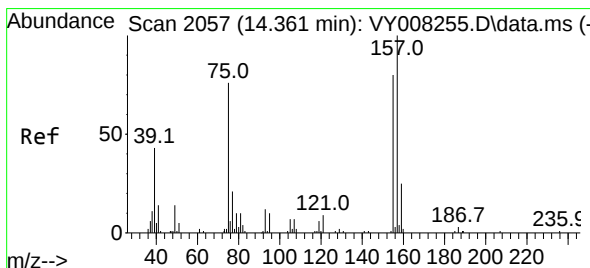
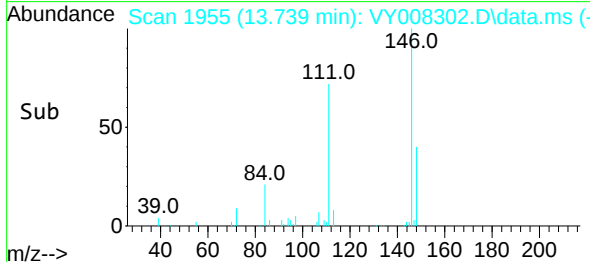
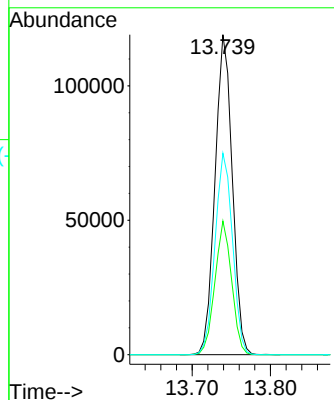
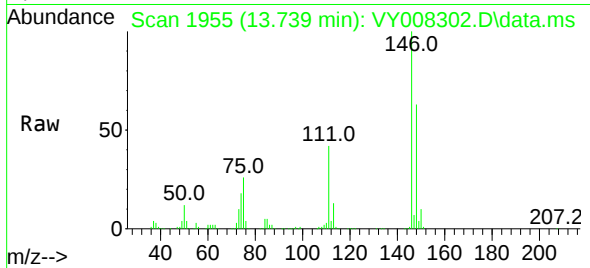




#91  
1,2-Dichlorobenzene  
Concen: 50.326 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

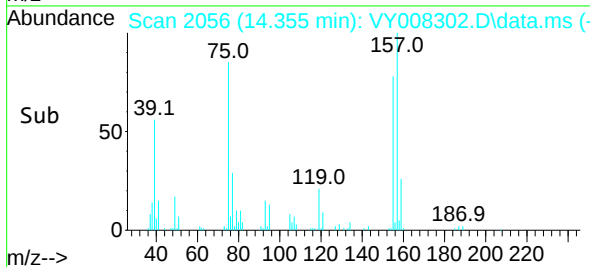
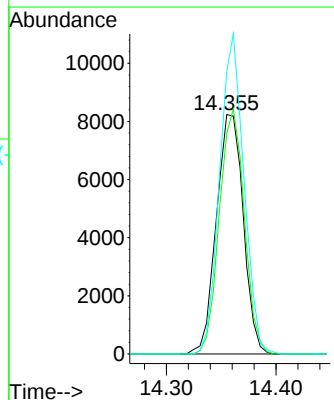
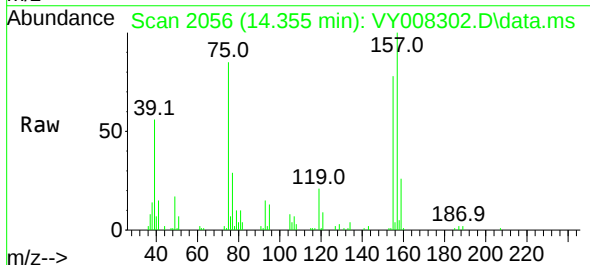
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

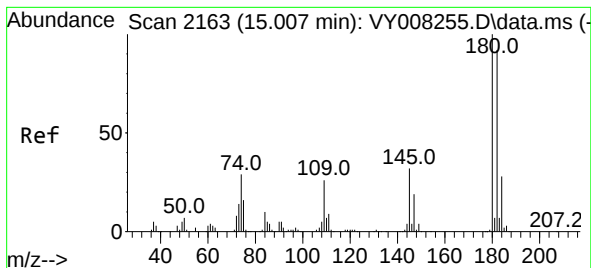
Tgt Ion:146 Resp: 182290  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.3 60.9  
148 63.9 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.219 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Tgt Ion: 75 Resp: 14024  
Ion Ratio Lower Upper  
75 100  
155 94.9 38.0 113.9  
157 120.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 46.363 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

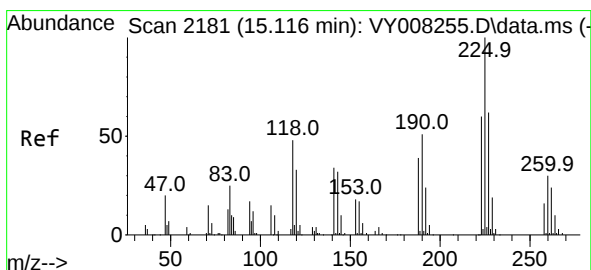
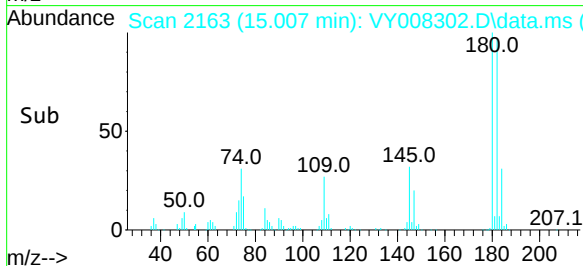
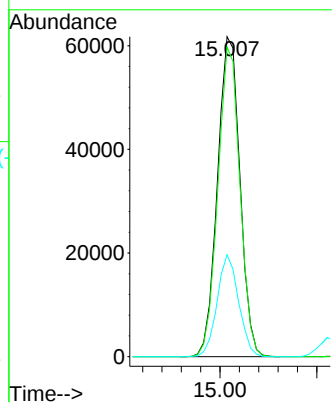
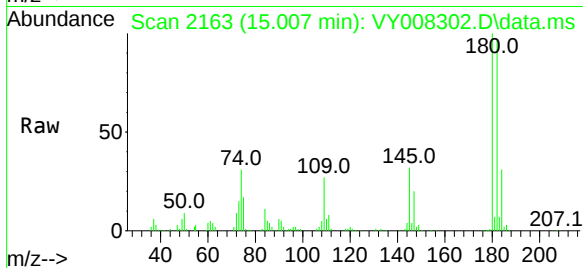
Tgt Ion:180 Resp: 99328

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 30.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.702 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

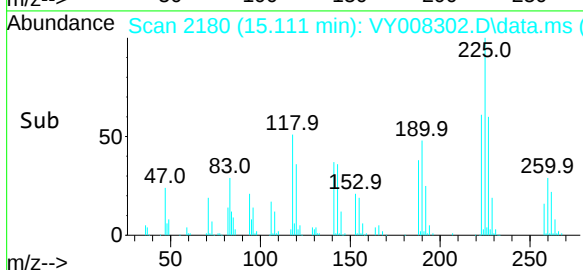
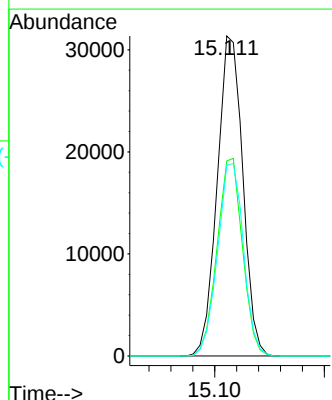
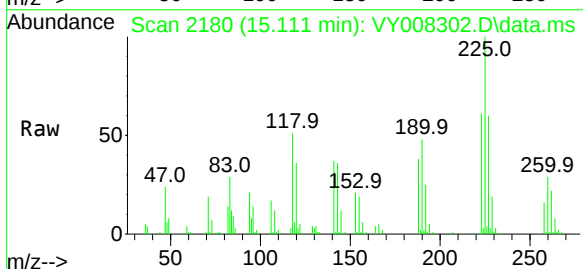
Tgt Ion:225 Resp: 50795

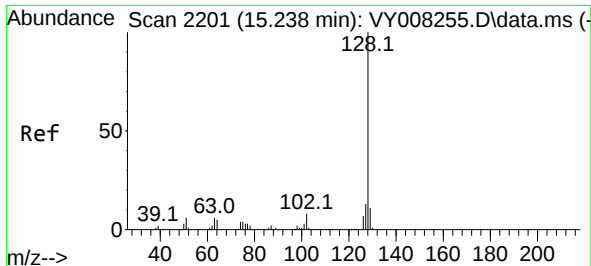
Ion Ratio Lower Upper

225 100

223 61.3 30.8 92.3

227 61.0 31.6 94.7

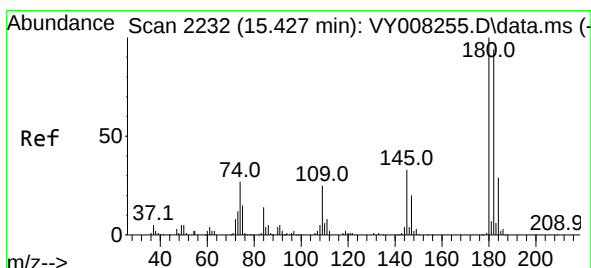
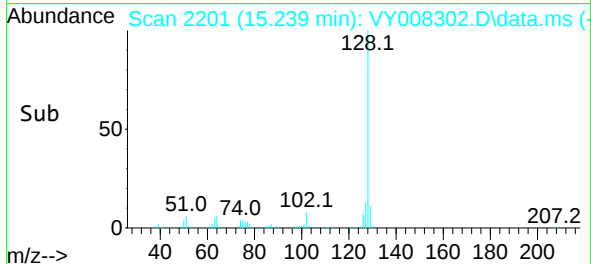
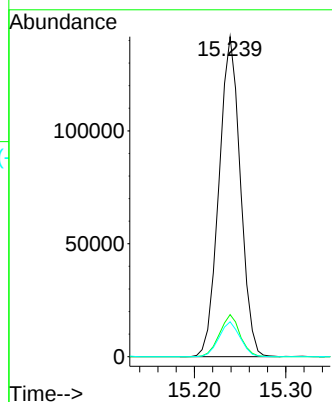
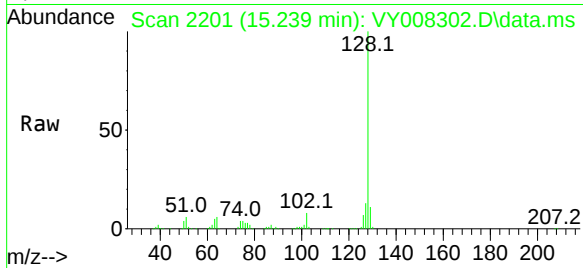




#95  
Naphthalene  
Concen: 50.227 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 230499 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.6  | 11.0  | 16.4   |
| 129      | 10.8  | 8.4   | 12.6   |



#96  
1,2,3-Trichlorobenzene  
Concen: 46.544 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.001 min  
Lab File: VY008302.D  
Acq: 13 Apr 2022 09:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 87260 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.4  | 47.3  | 141.9 |
| 145      | 32.9  | 15.3  | 45.9  |

