

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020723\  
 Data File : VY012529.D  
 Acq On : 07 Feb 2023 19:20  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Feb 08 01:49:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 08 01:09:03 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 142180   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 214562   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 201777   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 107799   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 95747    | 52.958   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.920% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 82084    | 52.531   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 105.060% |      |
| 50) Toluene-d8              | 10.179 | 98    | 336256   | 51.701   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 103.400% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 115876   | 51.079   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 102.160% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 49492  | 49.211  | ug/l | 99  |
| 3) Chloromethane             | 2.113 | 50  | 51656  | 46.630  | ug/l | 97  |
| 4) Vinyl Chloride            | 2.253 | 62  | 64047  | 46.406  | ug/l | 98  |
| 5) Bromomethane              | 2.649 | 94  | 51032  | 50.692  | ug/l | 99  |
| 6) Chloroethane              | 2.796 | 64  | 43971  | 45.772  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 131476 | 46.347  | ug/l | 100 |
| 8) Diethyl Ether             | 3.527 | 74  | 42193  | 50.160  | ug/l | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 68205  | 47.612  | ug/l | 100 |
| 10) Methyl Iodide            | 4.094 | 142 | 85958  | 46.286  | ug/l | 100 |
| 11) Tert butyl alcohol       | 4.948 | 59  | 40082  | 228.843 | ug/l | 97  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 66786  | 47.184  | ug/l | 95  |
| 13) Acrolein                 | 3.728 | 56  | 55489  | 261.067 | ug/l | 98  |
| 14) Allyl chloride           | 4.478 | 41  | 84491  | 48.958  | ug/l | 98  |
| 15) Acrylonitrile            | 5.161 | 53  | 105819 | 272.674 | ug/l | 100 |
| 16) Acetone                  | 3.942 | 43  | 92159  | 211.784 | ug/l | 98  |
| 17) Carbon Disulfide         | 4.192 | 76  | 161857 | 44.087  | ug/l | 99  |
| 18) Methyl Acetate           | 4.478 | 43  | 53692  | 51.334  | ug/l | 98  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 217470 | 52.506  | ug/l | 100 |
| 20) Methylene Chloride       | 4.716 | 84  | 87412  | 54.118  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 74033  | 47.959  | ug/l | 96  |
| 22) Diisopropyl ether        | 6.118 | 45  | 180339 | 51.391  | ug/l | 96  |
| 23) Vinyl Acetate            | 6.057 | 43  | 571810 | 270.299 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 122310 | 48.756  | ug/l | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 119875 | 248.286 | ug/l | 97  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 128993 | 46.801  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 89064  | 49.718  | ug/l | 100 |
| 28) Bromochloromethane       | 7.331 | 49  | 53222  | 58.365  | ug/l | 97  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 72207  | 276.639 | ug/l | 99  |
| 30) Chloroform               | 7.502 | 83  | 148278 | 49.025  | ug/l | 100 |
| 31) Cyclohexane              | 7.783 | 56  | 93544  | 44.750  | ug/l | 95  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 142765 | 48.643  | ug/l | 100 |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 97362  | 46.039  | ug/l | 100 |
| 37) Ethyl Acetate            | 7.069 | 43  | 50093  | 52.494  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 7.898 | 117 | 132706 | 46.747  | ug/l | 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 117702 | 46.253  | ug/l | 99  |
| 40) Benzene                  | 8.161 | 78  | 295529 | 47.313  | ug/l | 97  |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Feb 08 01:49:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 08 01:09:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 72378    | 138.444  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 100210   | 49.498   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.270  | 43   | 94782    | 53.571   | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 91411    | 48.075   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 66768    | 49.297   | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 44707    | 49.851   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.496  | 83   | 116079   | 49.920   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.288  | 41   | 44033    | 54.448   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 13574    | 1096.446 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 263751   | 276.301  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 202962   | 47.916   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 118209   | 50.450   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 125240   | 49.392   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 65785    | 50.202   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 89848    | 54.574   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 107138   | 50.659   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 212922   | 287.734  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.831 | 43   | 191900   | 266.015  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.983 | 129  | 89676    | 51.338   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 63318    | 51.570   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 104617   | 49.663   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 226307   | 47.287   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 90844    | 48.439   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 395745   | 47.102   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 315783   | 94.160   | ug/l   | 100      |
| 69) o-Xylene                  | 12.026 | 106  | 154213   | 48.284   | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 263275   | 48.605   | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 61132    | 51.570   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 413037   | 47.358   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 83347    | 52.792   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 70362    | 49.894   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 103841   | 86.220   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 100420   | 47.504   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.672 | 91   | 474114   | 47.230   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 269777   | 47.340   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 360411   | 48.004   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 27021    | 50.594   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 277590   | 46.436   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 313768   | 47.657   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 354882   | 48.038   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 444239   | 47.165   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 387299   | 47.399   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 197671   | 46.997   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 195726   | 46.457   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 329055   | 47.119   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.958 | 117  | 70402    | 46.941   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 179361   | 47.404   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 14658    | 52.231   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 110717   | 47.225   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 65608    | 45.047   | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 231703   | 51.483   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 94819    | 46.724   | ug/l   | 100      |

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Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 24 Sample Multiplier: 1

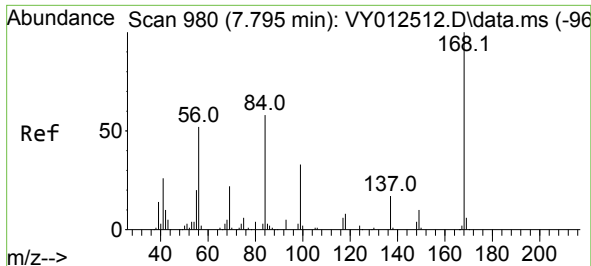
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Feb 08 01:49:27 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020723S.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 08 01:09:03 2023  
Response via : Initial Calibration

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

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

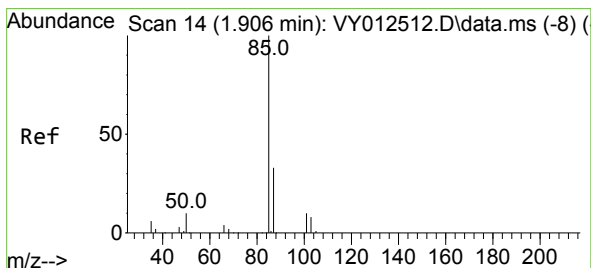
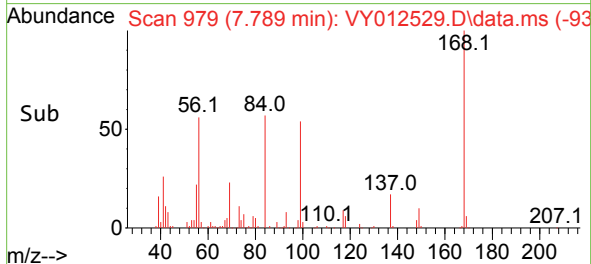
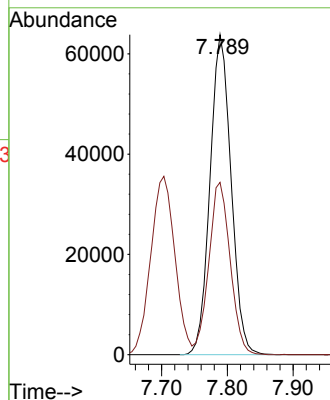
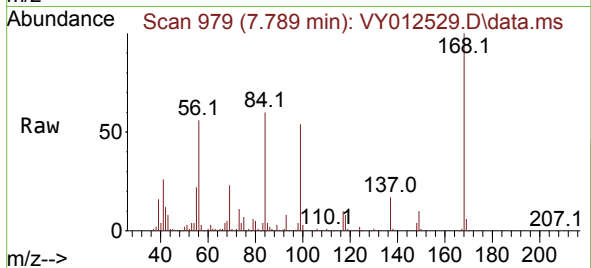




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

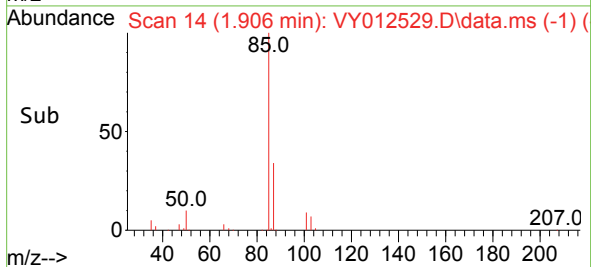
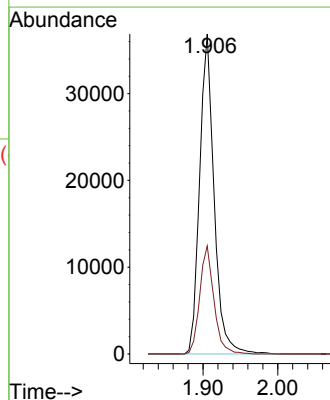
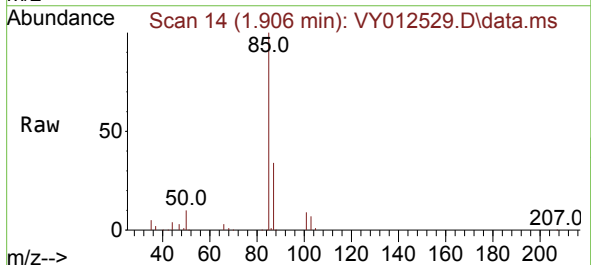
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

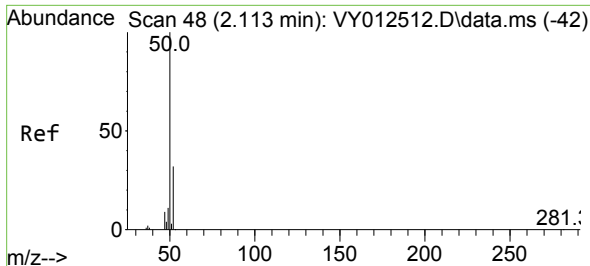
Tgt Ion:168 Resp: 142180  
Ion Ratio Lower Upper  
168 100  
99 53.9 40.8 61.2



#2  
Dichlorodifluoromethane  
Concen: 49.211 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 85 Resp: 49492  
Ion Ratio Lower Upper  
85 100  
87 33.8 16.6 49.8

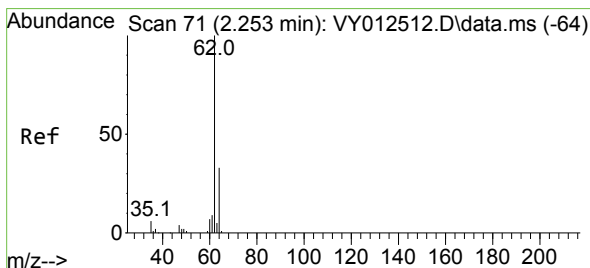
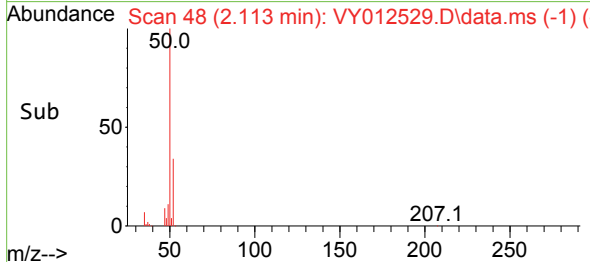
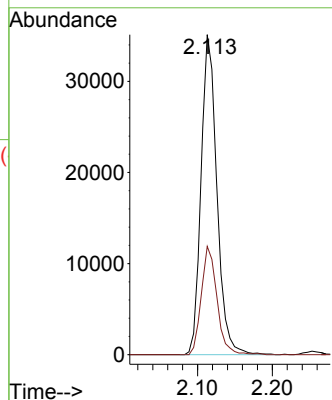
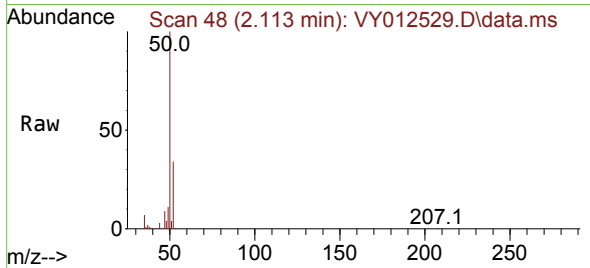




#3  
Chloromethane  
Concen: 46.630 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

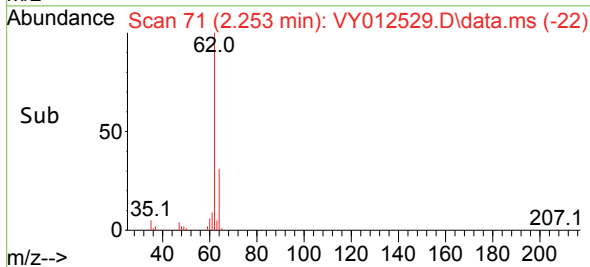
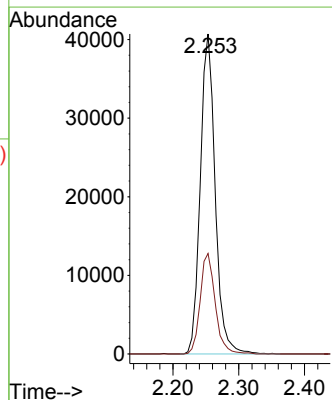
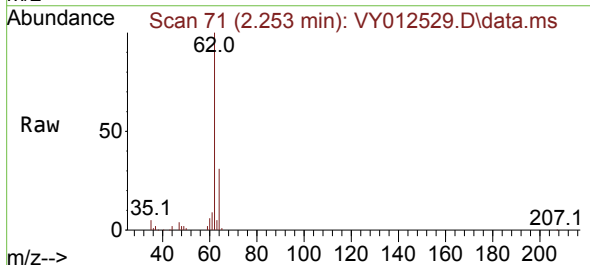
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

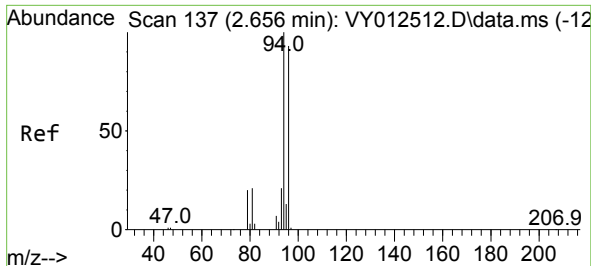
Tgt Ion: 50 Resp: 51656  
Ion Ratio Lower Upper  
50 100  
52 33.9 25.8 38.6



#4  
Vinyl Chloride  
Concen: 46.406 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 62 Resp: 64047  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.1 39.1





#5

Bromomethane

Concen: 50.692 ug/l

RT: 2.649 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

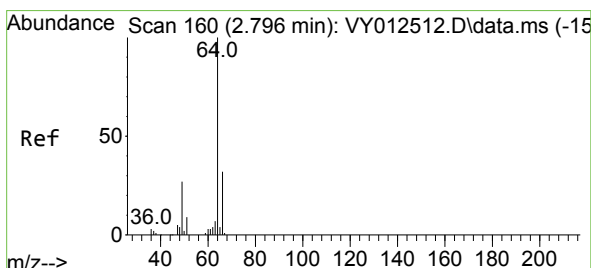
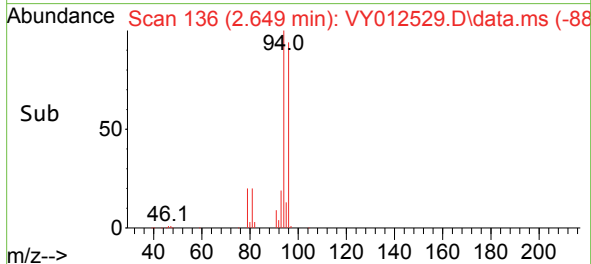
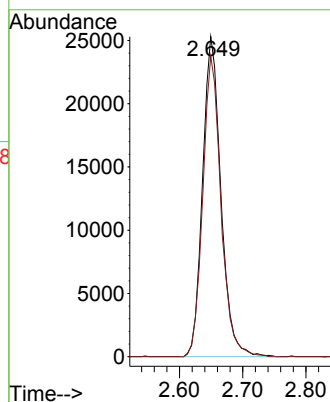
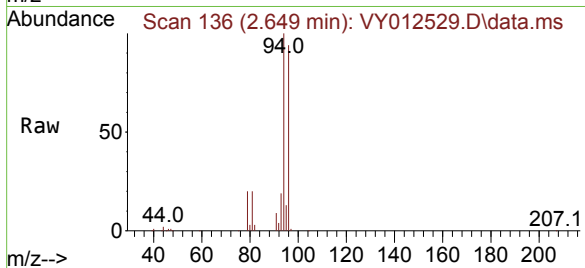
VSTDCCC050EC

Tgt Ion: 94 Resp: 51032

Ion Ratio Lower Upper

94 100

96 94.0 74.7 112.1



#6

Chloroethane

Concen: 45.772 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY012529.D

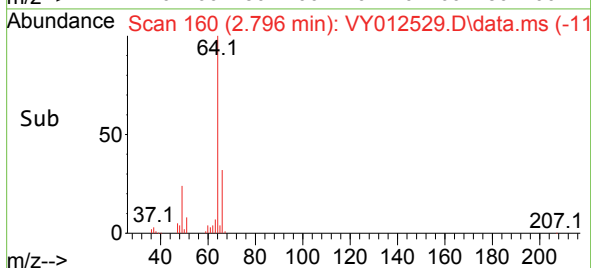
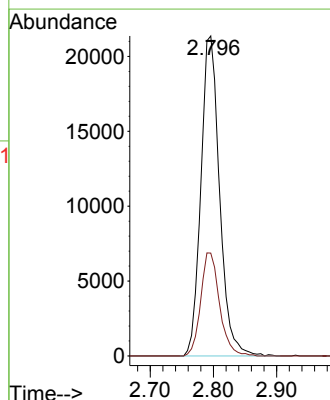
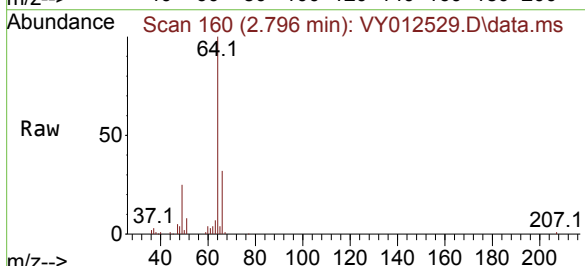
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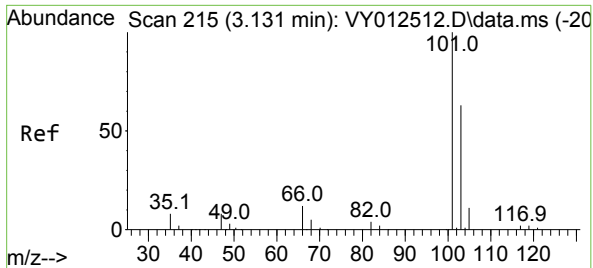
Tgt Ion: 64 Resp: 43971

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5

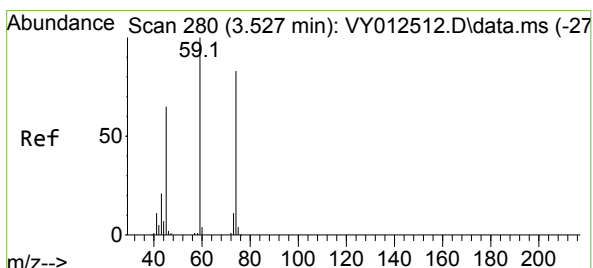
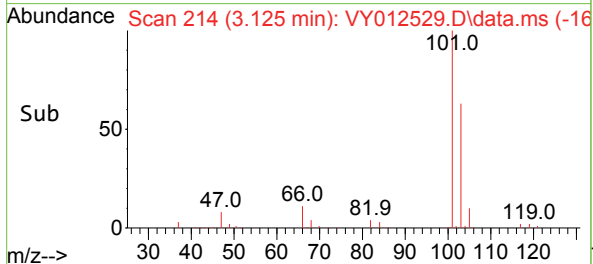
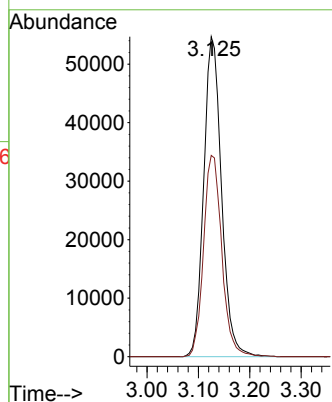
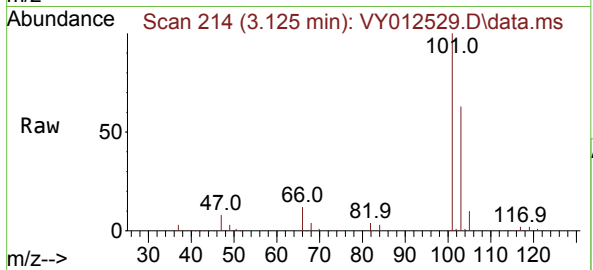




#7  
 Trichlorofluoromethane  
 Concen: 46.347 ug/l  
 RT: 3.125 min Scan# 215  
 Delta R.T. -0.006 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

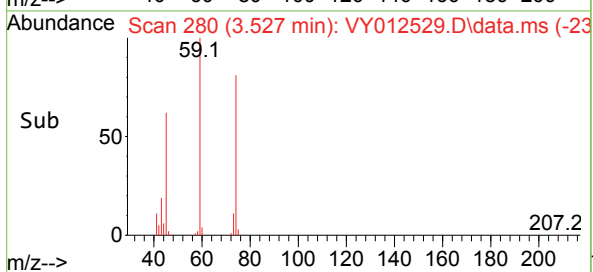
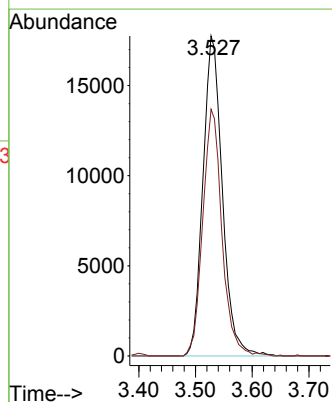
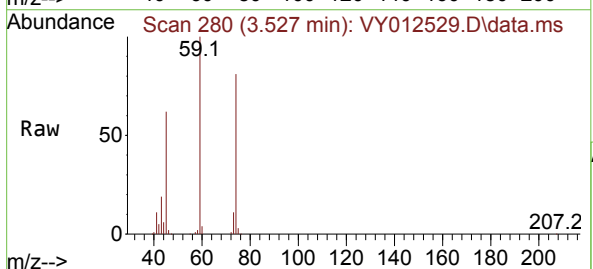
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

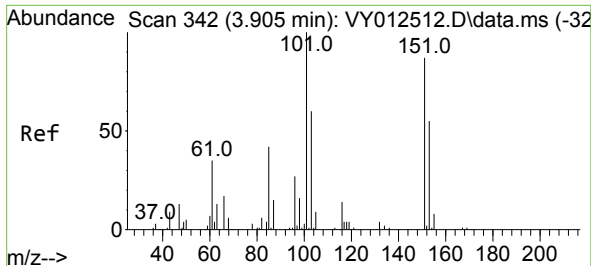
Tgt Ion:101 Resp: 131476  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 50.160 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

Tgt Ion: 74 Resp: 42193  
 Ion Ratio Lower Upper  
 74 100  
 45 76.3 37.8 113.4

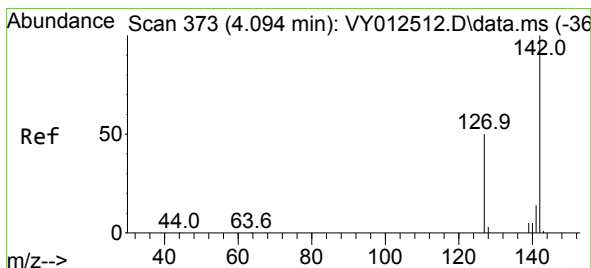
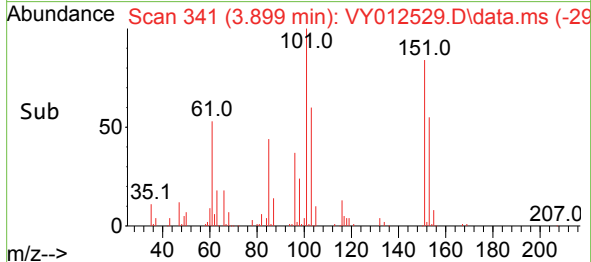
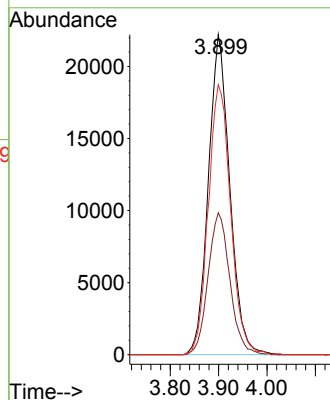
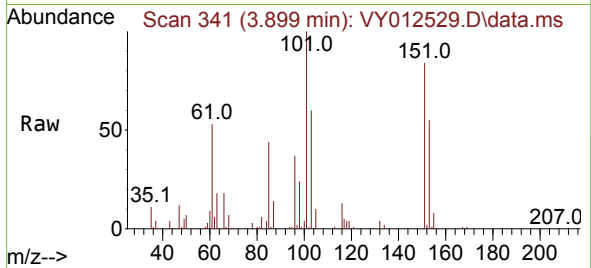




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.612 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

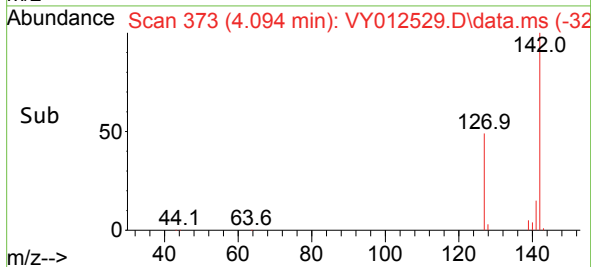
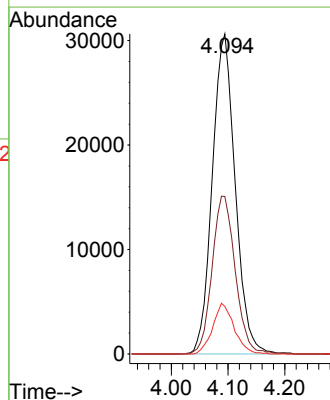
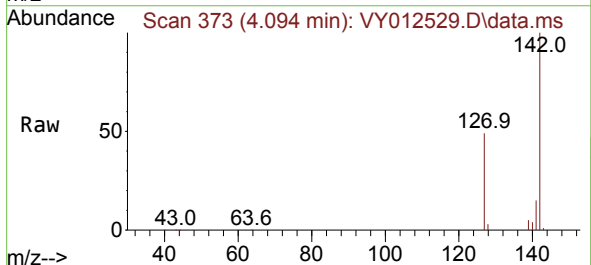
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

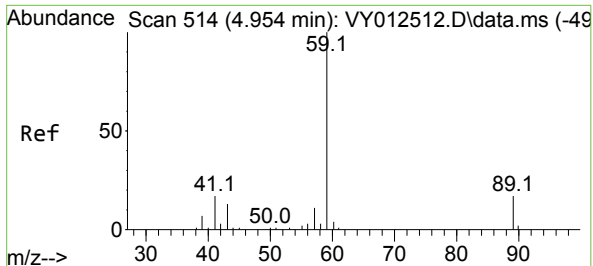
Tgt Ion:101 Resp: 68205  
Ion Ratio Lower Upper  
101 100  
85 45.2 36.1 54.1  
151 88.2 70.7 106.1



#10  
Methyl Iodide  
Concen: 46.286 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion:142 Resp: 85958  
Ion Ratio Lower Upper  
142 100  
127 49.8 39.8 59.6  
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 228.843 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

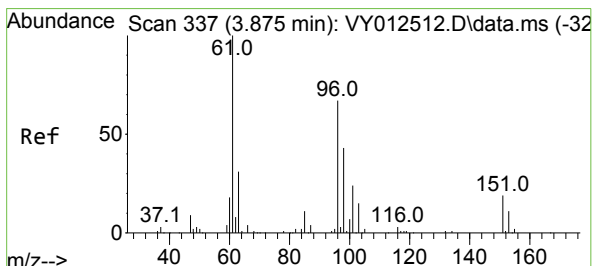
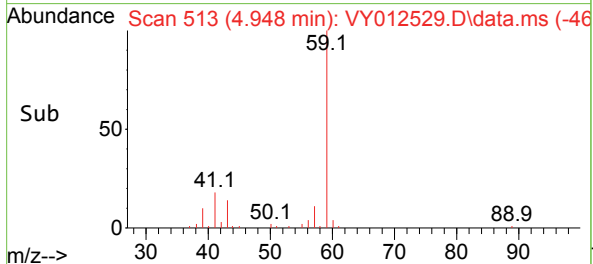
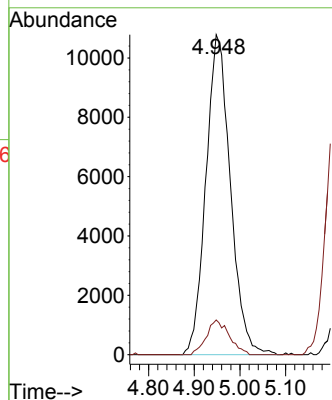
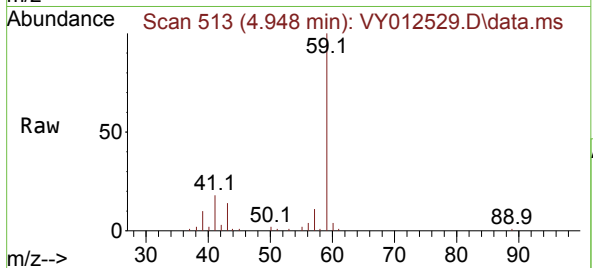
VSTDCCC050EC

Tgt Ion: 59 Resp: 40082

Ion Ratio Lower Upper

59 100

57 10.1 7.2 10.8



#12

1,1-Dichloroethene

Concen: 47.184 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

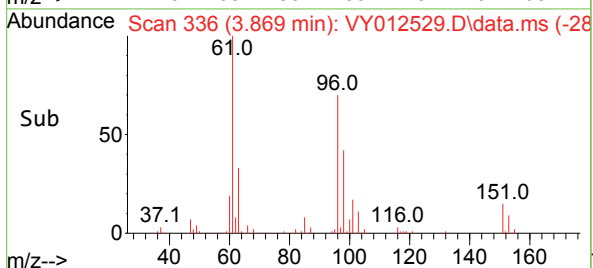
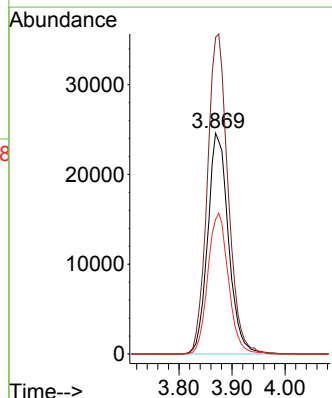
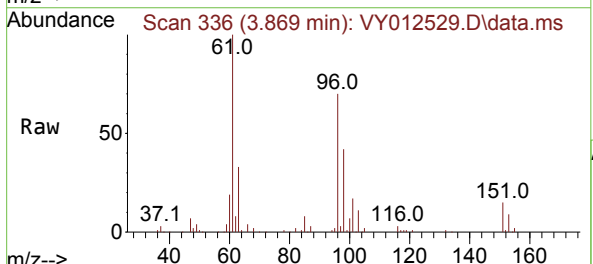
Tgt Ion: 96 Resp: 66786

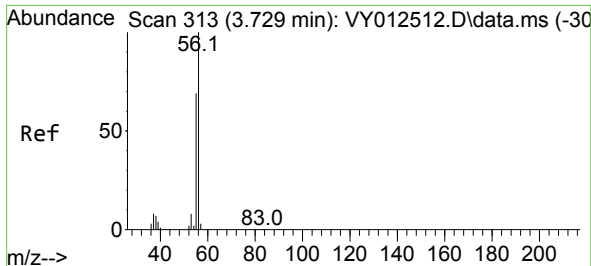
Ion Ratio Lower Upper

96 100

61 143.4 119.4 179.2

98 60.9 51.9 77.9





#13

Acrolein

Concen: 261.067 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

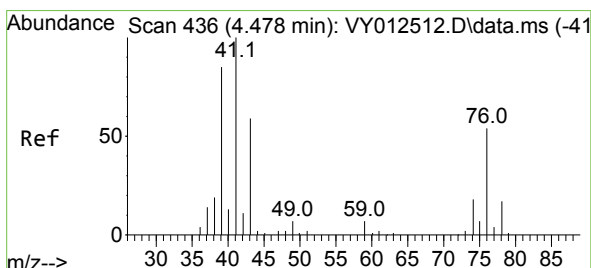
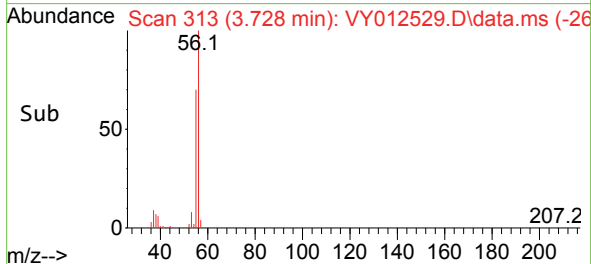
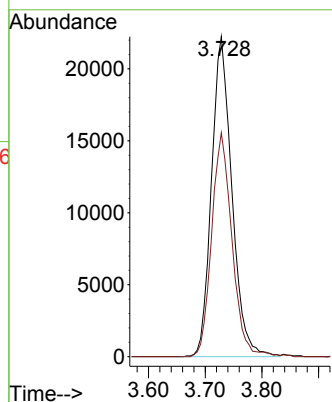
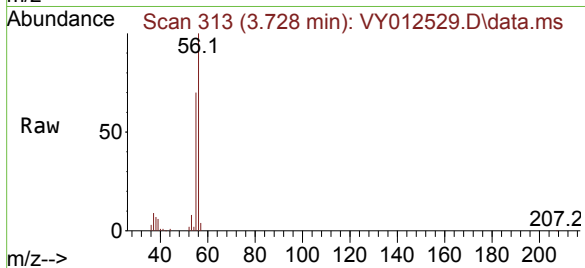
VSTDCCC050EC

Tgt Ion: 56 Resp: 55489

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 48.958 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

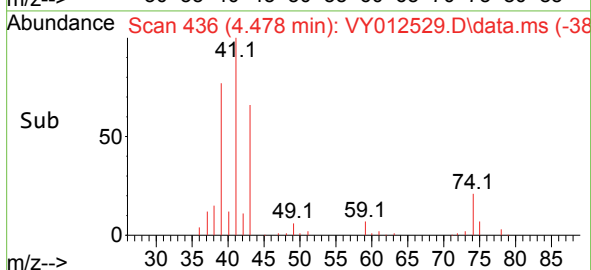
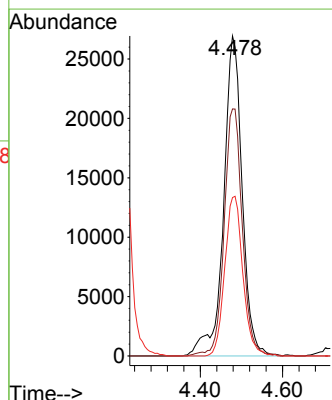
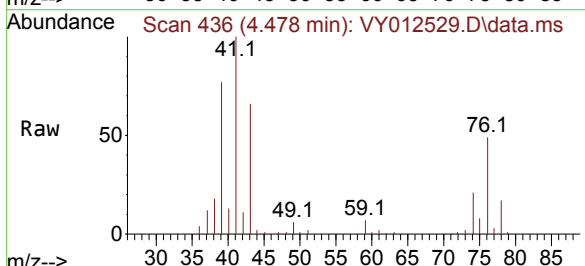
Tgt Ion: 41 Resp: 84491

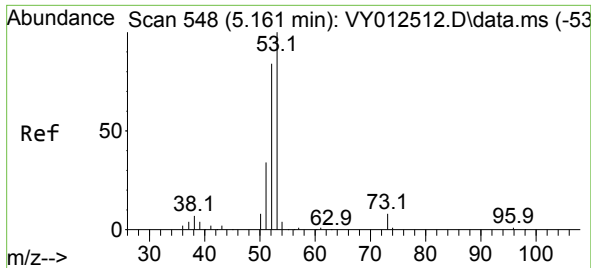
Ion Ratio Lower Upper

41 100

39 75.6 62.6 94.0

76 48.7 39.6 59.4

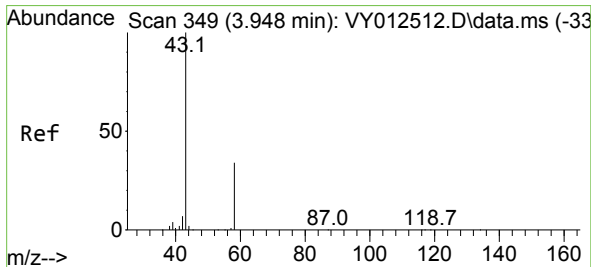
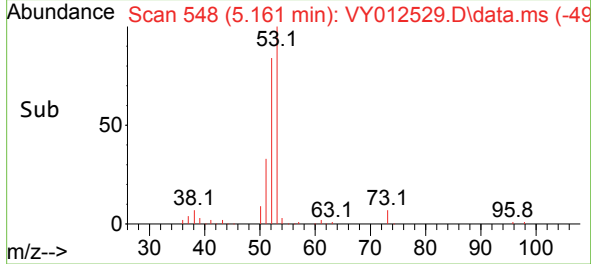
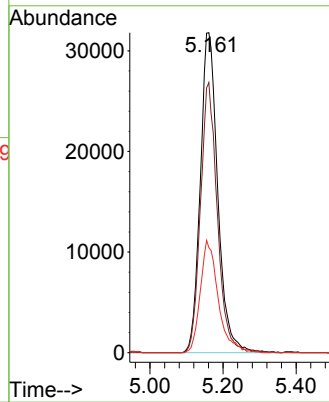
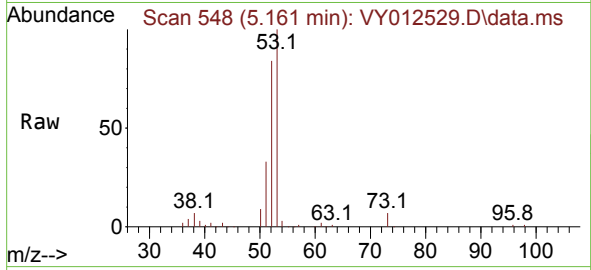




#15  
Acrylonitrile  
Concen: 272.674 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

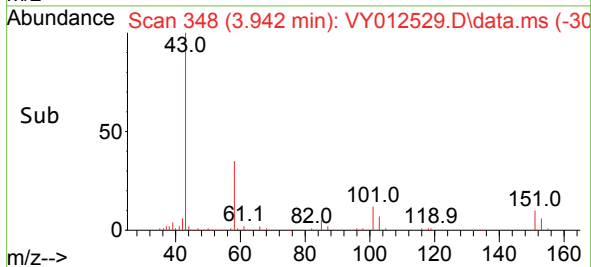
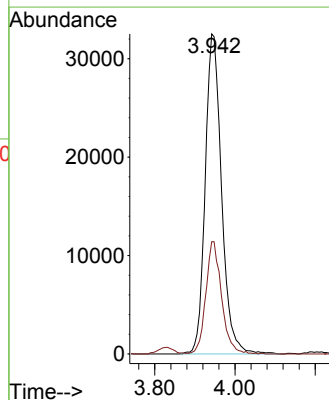
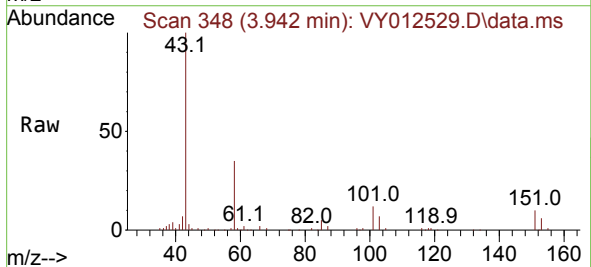
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

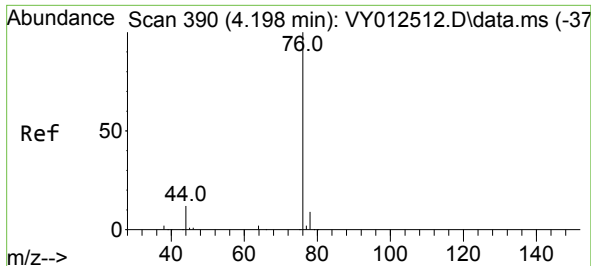
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 105819 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.4  | 65.0  | 97.4   |
| 51       | 36.0  | 28.7  | 43.1   |



#16  
Acetone  
Concen: 211.784 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 92159 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.1  | 27.1  | 40.7  |

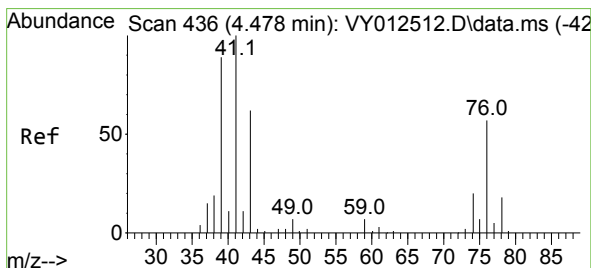
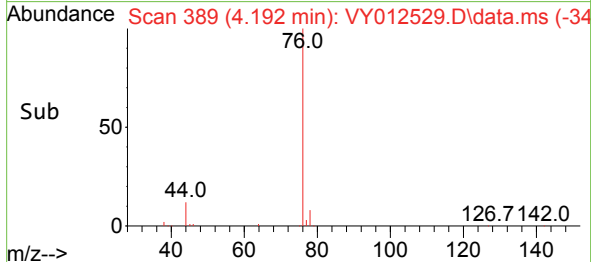
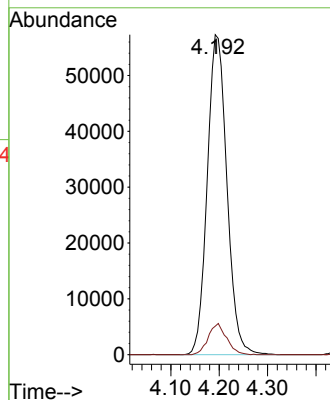
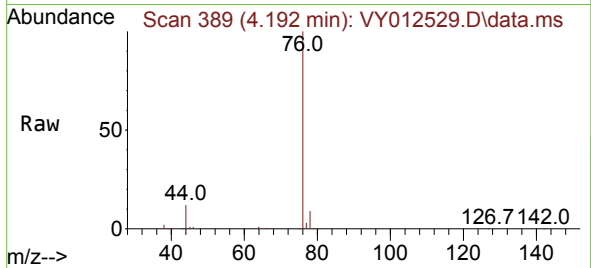




#17  
Carbon Disulfide  
Concen: 44.087 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

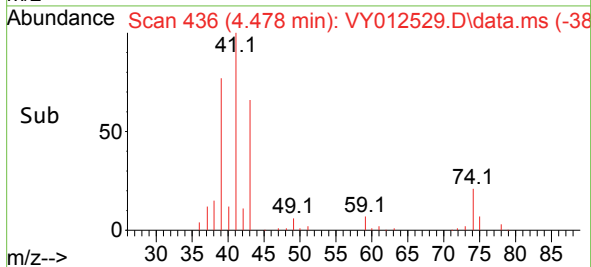
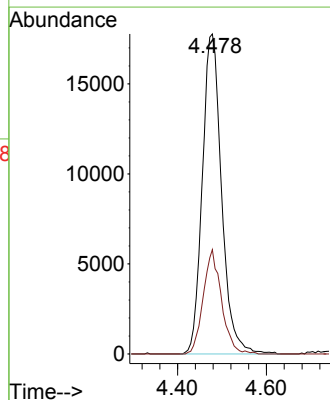
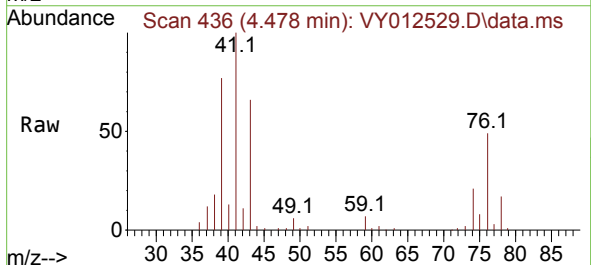
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

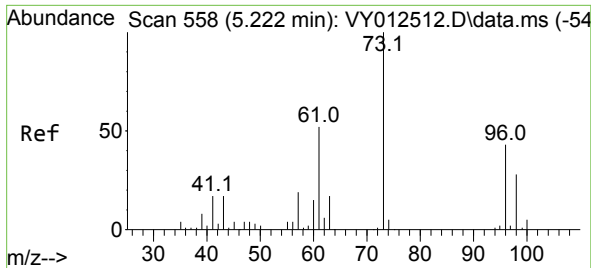
Tgt Ion: 76 Resp: 161857  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.9 10.3



#18  
Methyl Acetate  
Concen: 51.334 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 43 Resp: 53692  
Ion Ratio Lower Upper  
43 100  
74 30.9 25.6 38.4

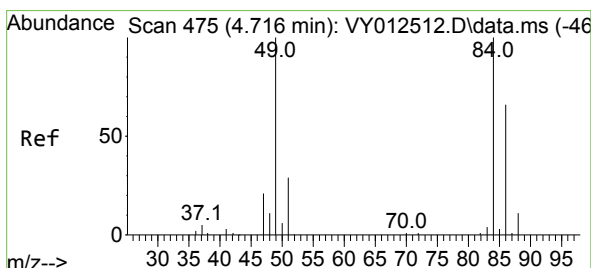
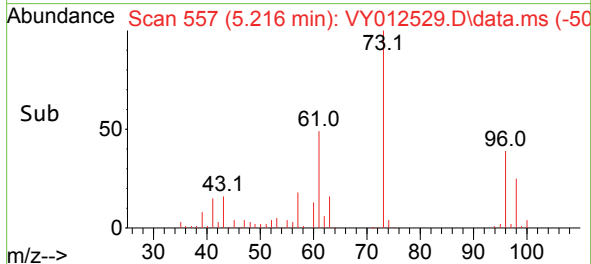
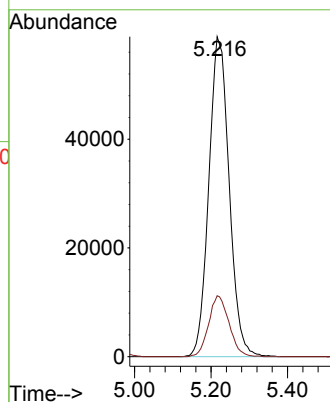
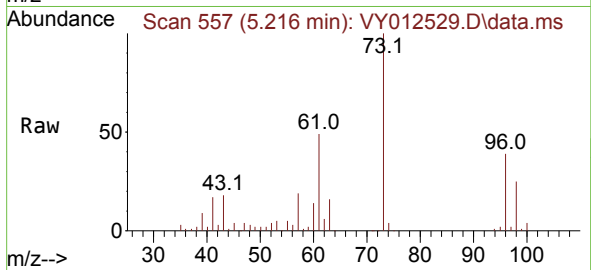




#19  
Methyl tert-butyl Ether  
Concen: 52.506 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

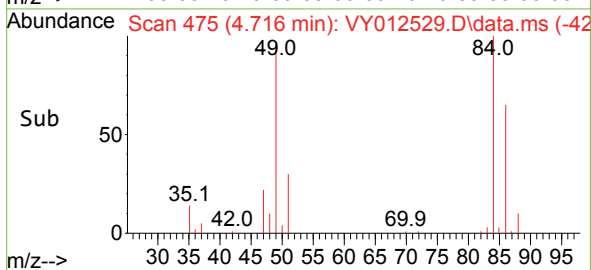
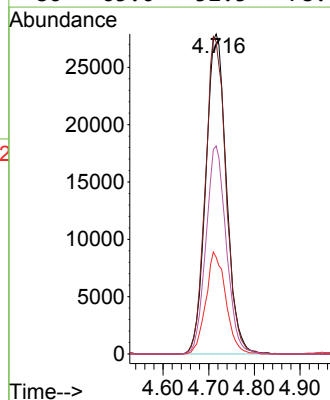
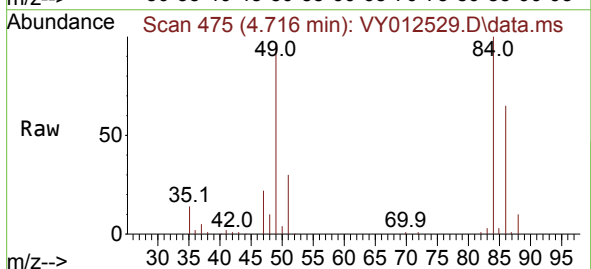
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

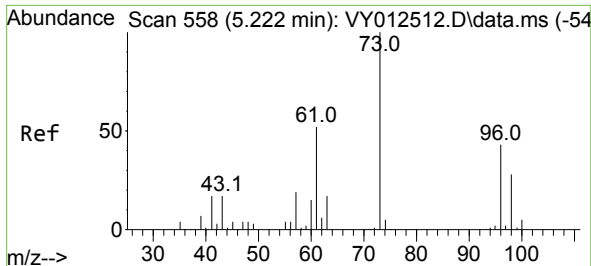
Tgt Ion: 73 Resp: 217470  
Ion Ratio Lower Upper  
73 100  
57 19.1 15.3 22.9



#20  
Methylene Chloride  
Concen: 54.118 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 84 Resp: 87412  
Ion Ratio Lower Upper  
84 100  
49 97.5 79.8 119.6  
51 30.2 23.4 35.2  
86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.959 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012529.D

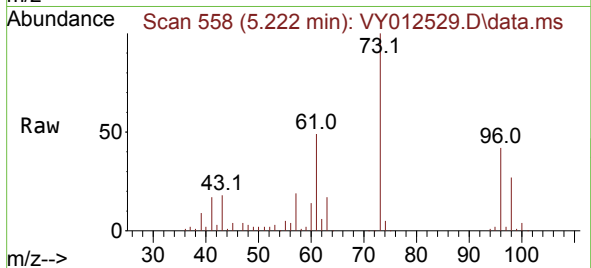
Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



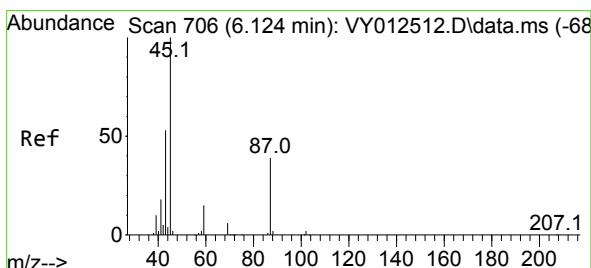
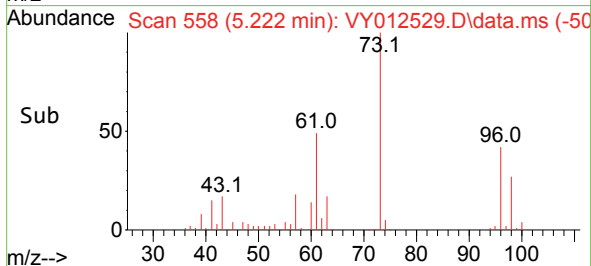
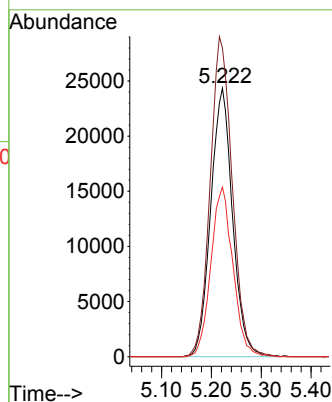
Tgt Ion: 96 Resp: 74033

Ion Ratio Lower Upper

96 100

61 114.9 96.2 144.4

98 63.1 51.6 77.4



#22

Diisopropyl ether

Concen: 51.391 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Tgt Ion: 45 Resp: 180339

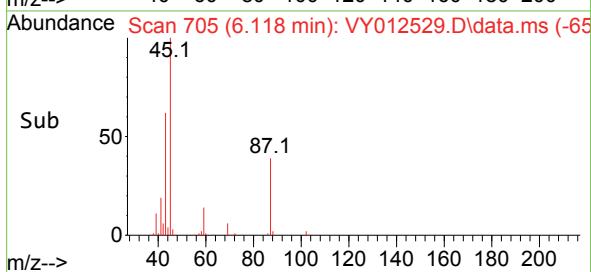
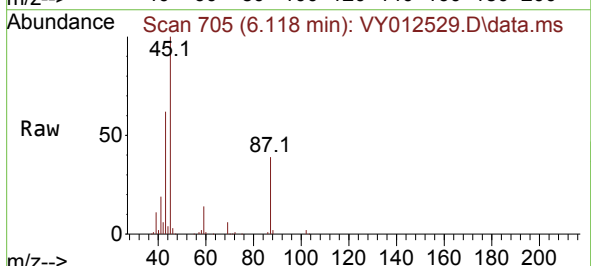
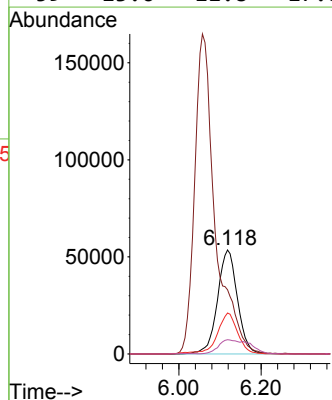
Ion Ratio Lower Upper

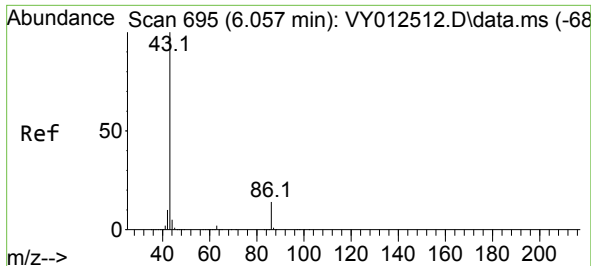
45 100

43 61.3 45.9 68.9

87 39.4 32.2 48.4

59 13.6 11.8 17.8

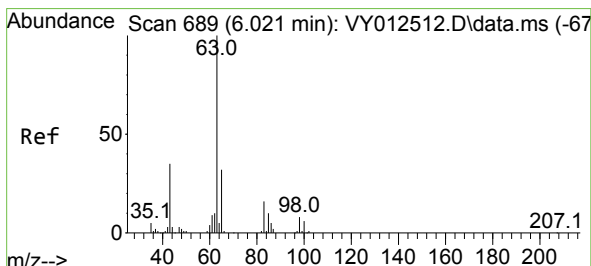
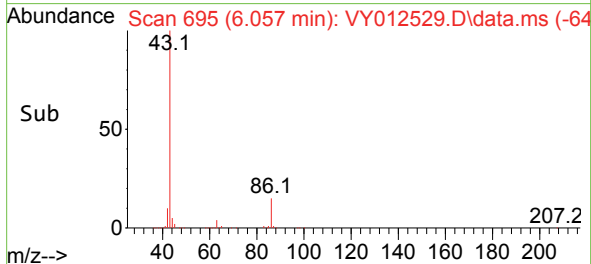
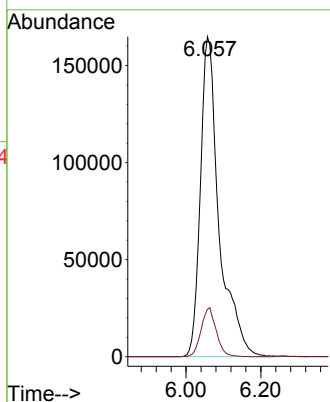
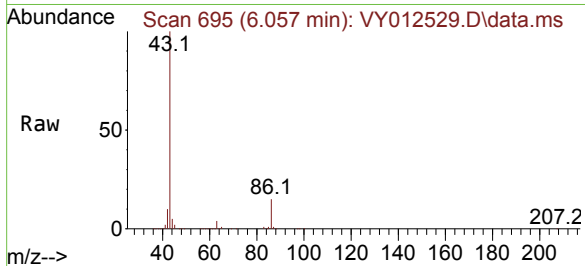




#23  
 Vinyl Acetate  
 Concen: 270.299 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. -0.000 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

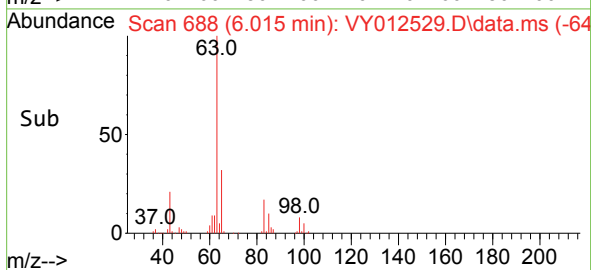
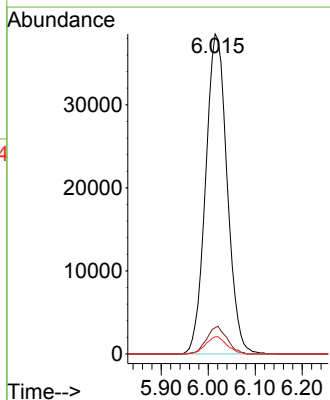
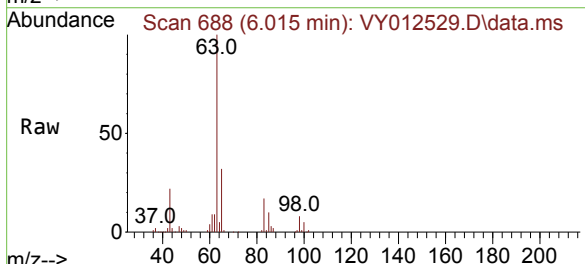
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

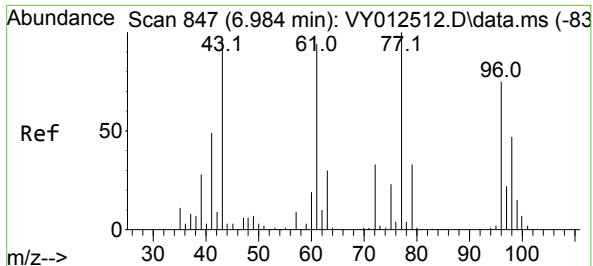
Tgt Ion: 43 Resp: 571810  
 Ion Ratio Lower Upper  
 43 100  
 86 14.9 11.5 17.3



#24  
 1,1-Dichloroethane  
 Concen: 48.756 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

Tgt Ion: 63 Resp: 122310  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 4.1 12.3  
 100 5.3 2.9 8.8





#25

2-Butanone

Concen: 248.286 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

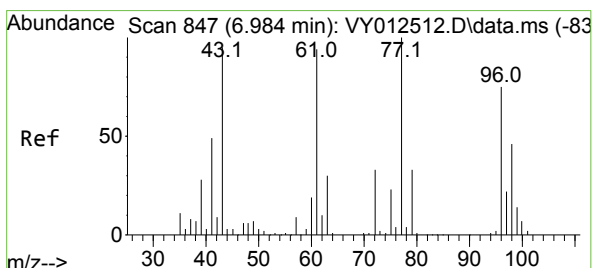
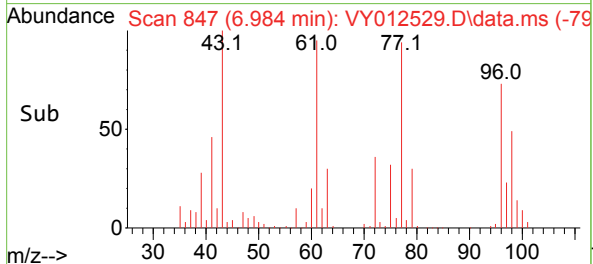
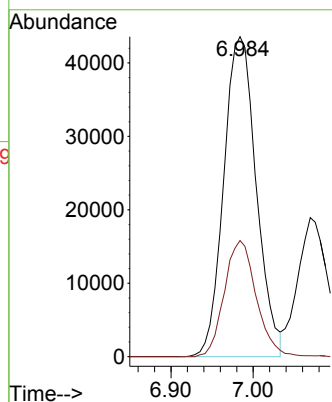
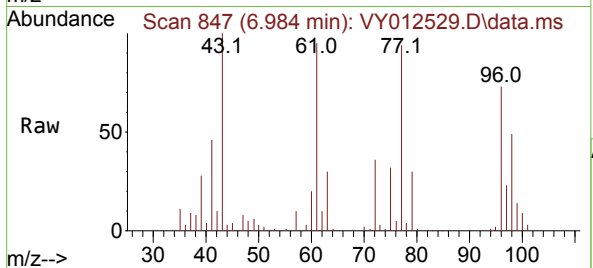
VSTDCCC050EC

Tgt Ion: 43 Resp: 119875

Ion Ratio Lower Upper

43 100

72 36.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 46.801 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012529.D

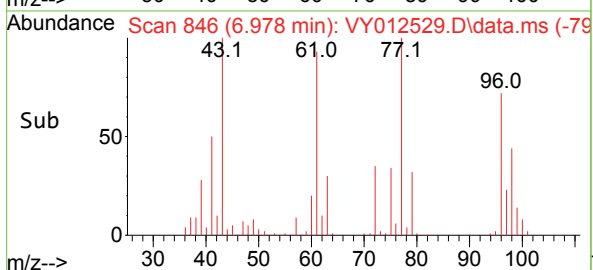
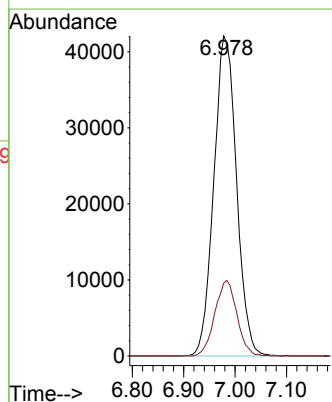
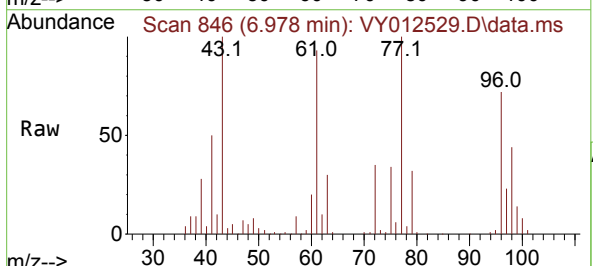
Acq: 07 Feb 2023 19:20

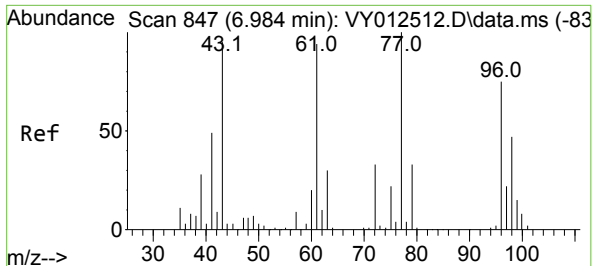
Tgt Ion: 77 Resp: 128993

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.718 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

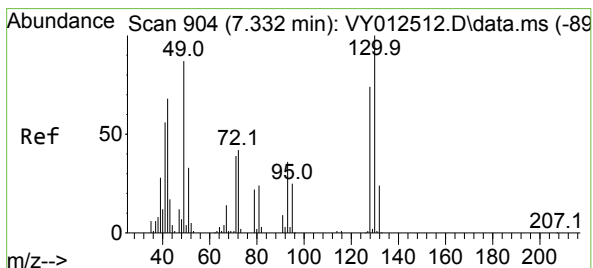
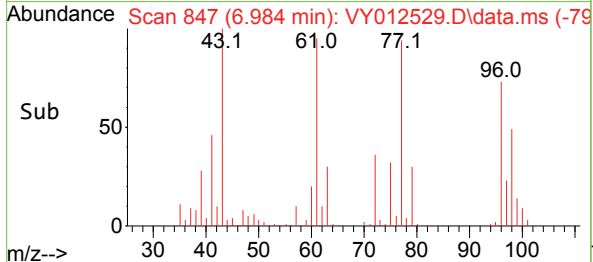
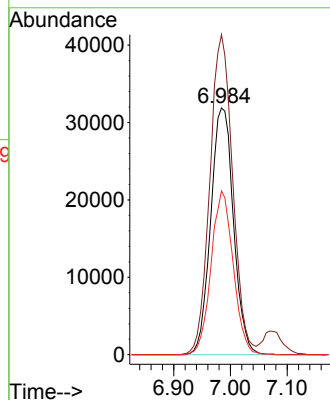
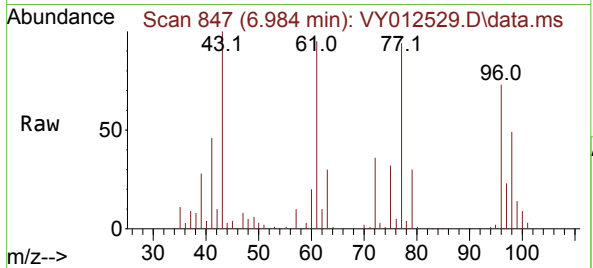
Tgt Ion: 96 Resp: 89064

Ion Ratio Lower Upper

96 100

61 129.8 0.0 259.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 58.365 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

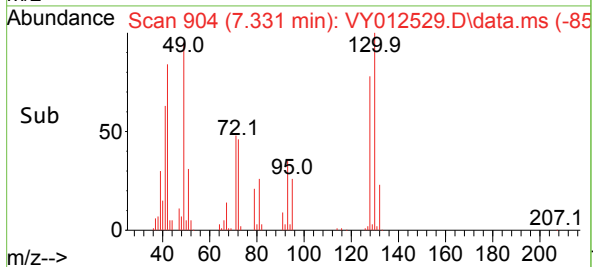
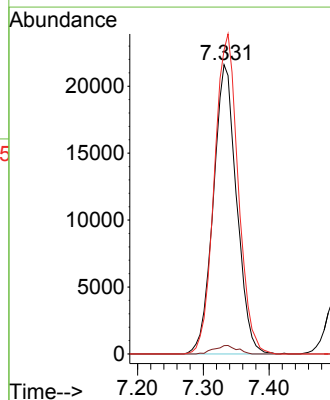
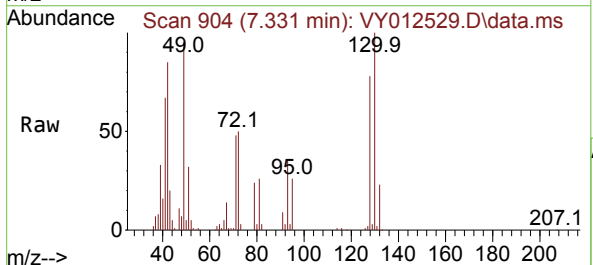
Tgt Ion: 49 Resp: 53222

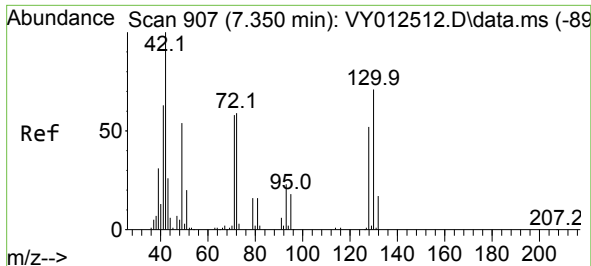
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

130 113.0 93.1 139.7





#29

Tetrahydrofuran

Concen: 276.639 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

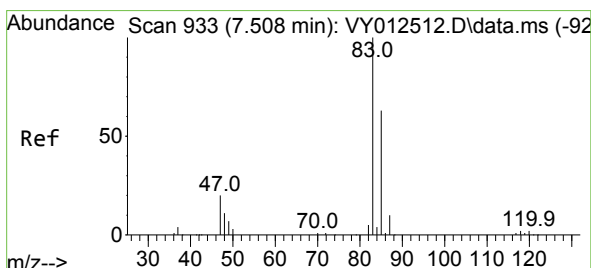
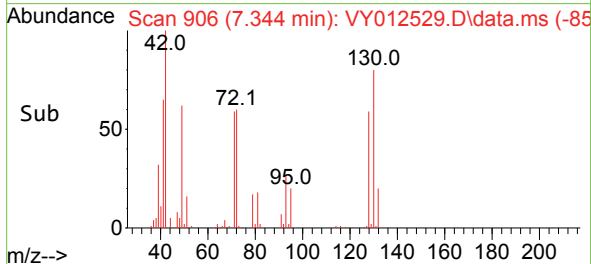
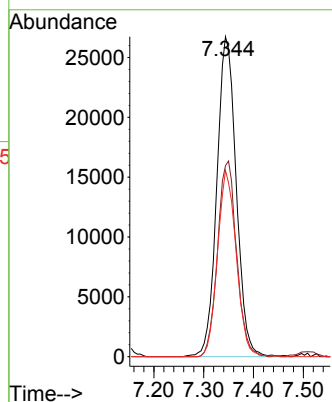
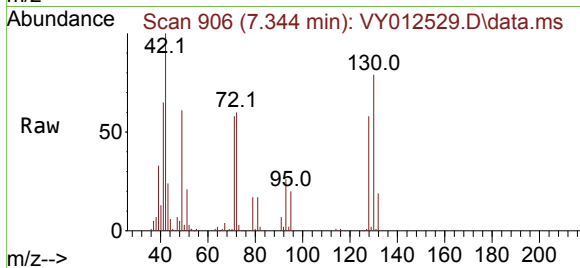
Tgt Ion: 42 Resp: 72207

Ion Ratio Lower Upper

42 100

72 60.0 47.0 70.6

71 56.2 44.6 66.8



#30

Chloroform

Concen: 49.025 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012529.D

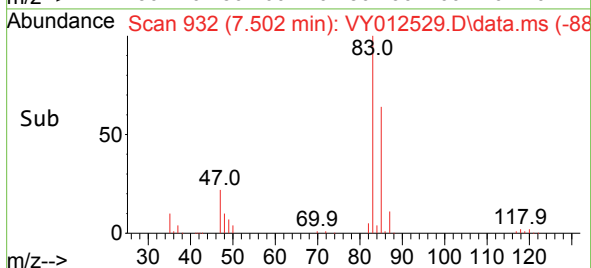
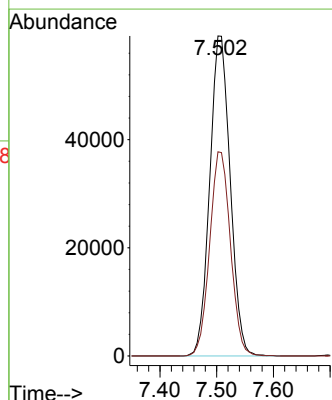
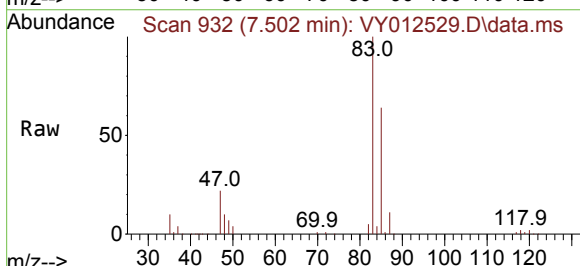
Acq: 07 Feb 2023 19:20

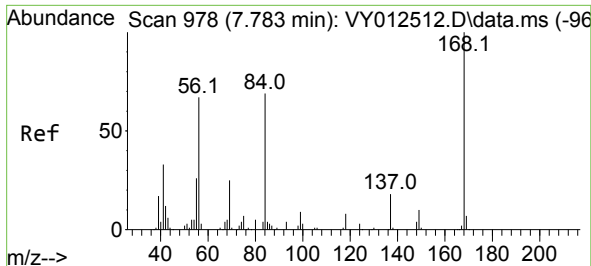
Tgt Ion: 83 Resp: 148278

Ion Ratio Lower Upper

83 100

85 63.8 50.8 76.2

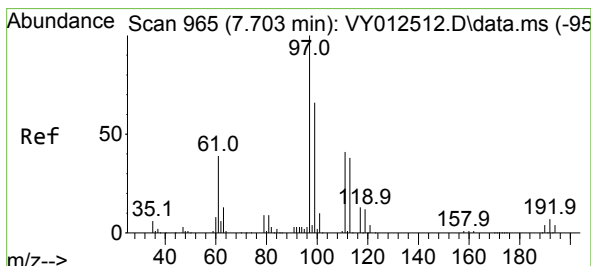
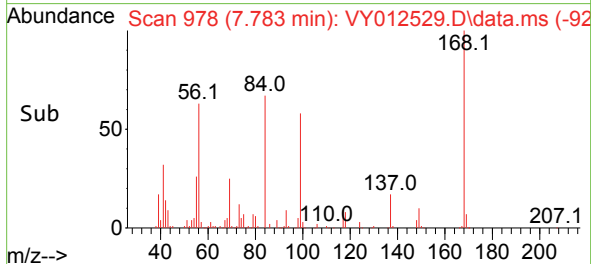
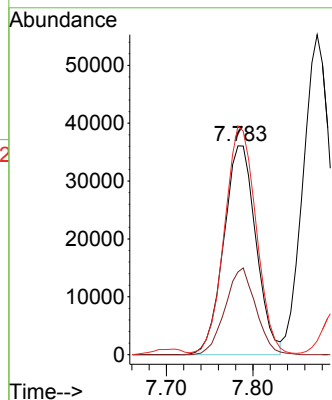
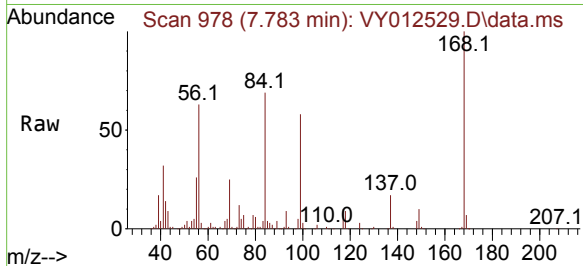




#31  
Cyclohexane  
Concen: 44.750 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

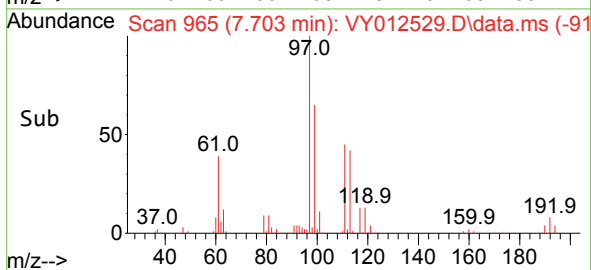
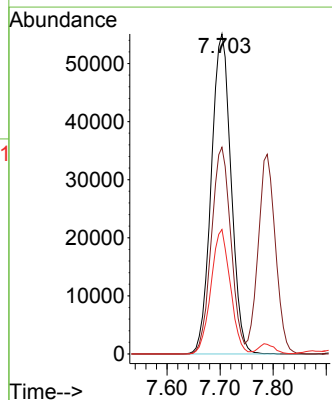
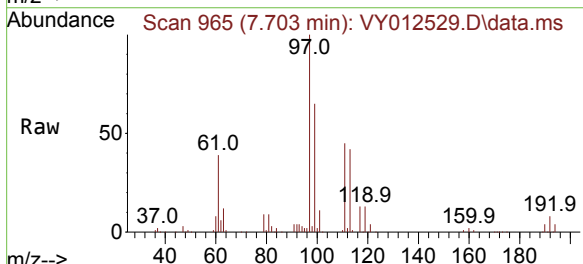
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

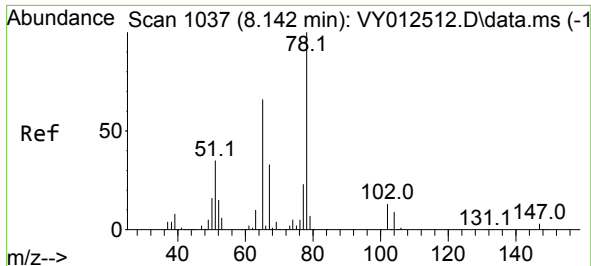
Tgt Ion: 56 Resp: 93544  
Ion Ratio Lower Upper  
56 100  
69 39.6 29.5 44.3  
84 107.3 81.9 122.9



#32  
1,1,1-Trichloroethane  
Concen: 48.643 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 97 Resp: 142765  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.1 76.7  
61 38.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 52.958 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

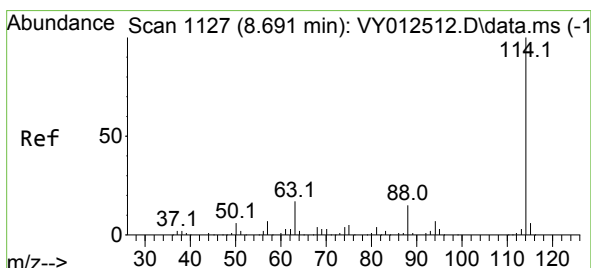
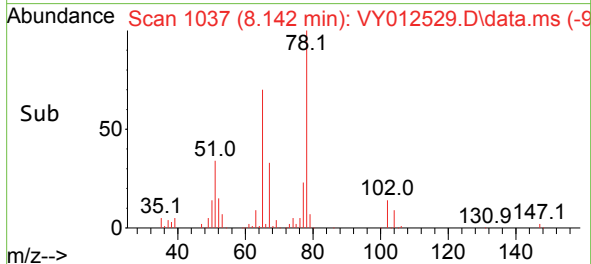
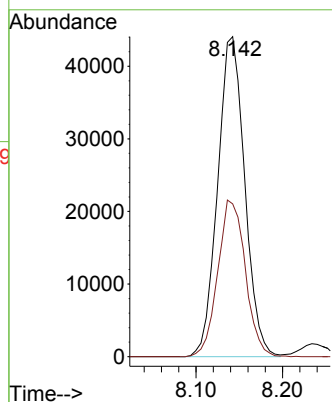
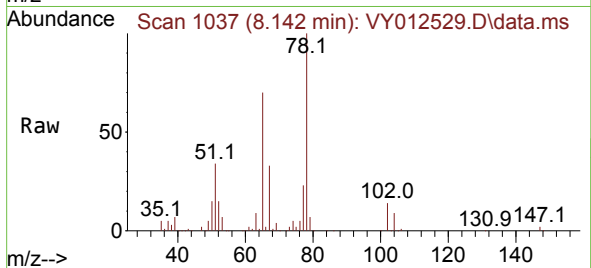
VSTDCCC050EC

Tgt Ion: 65 Resp: 95747

Ion Ratio Lower Upper

65 100

67 49.8 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

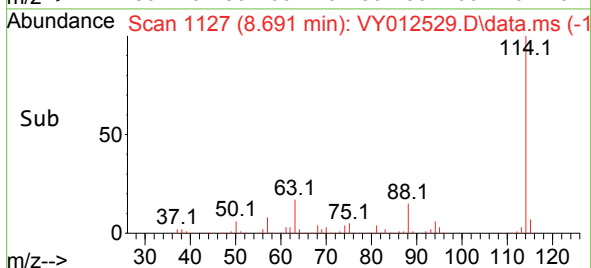
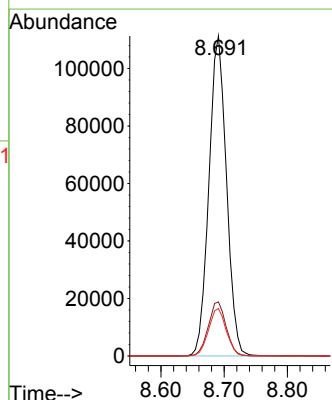
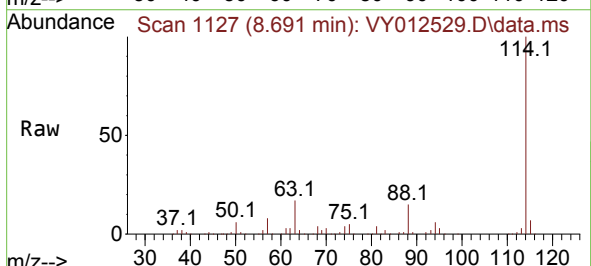
Tgt Ion: 114 Resp: 214562

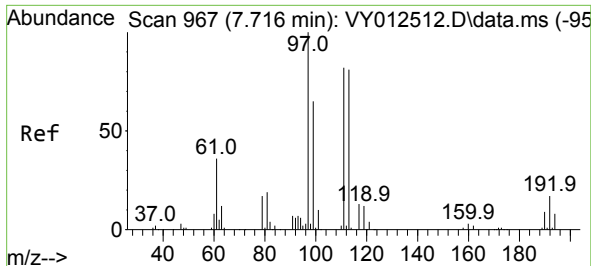
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

88 14.8 0.0 29.8

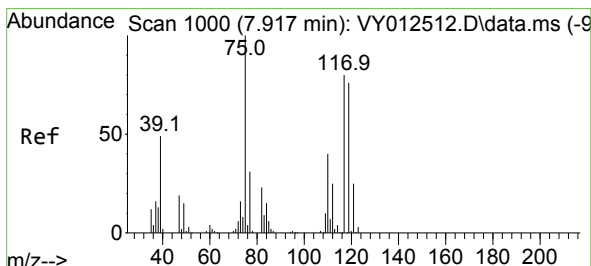
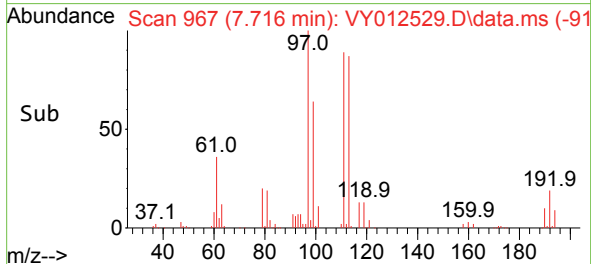
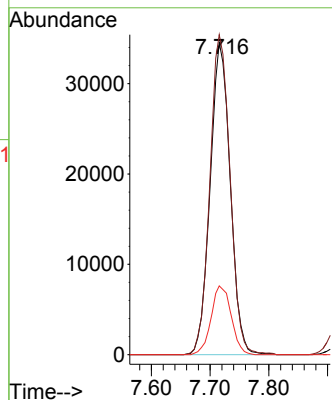
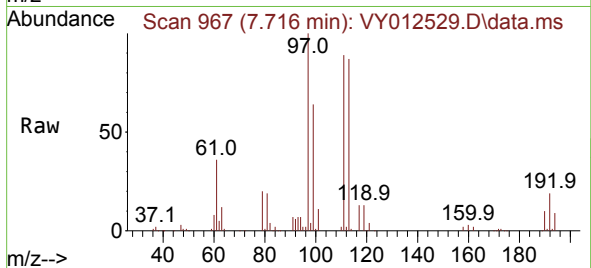




#35  
Dibromofluoromethane  
Concen: 52.531 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

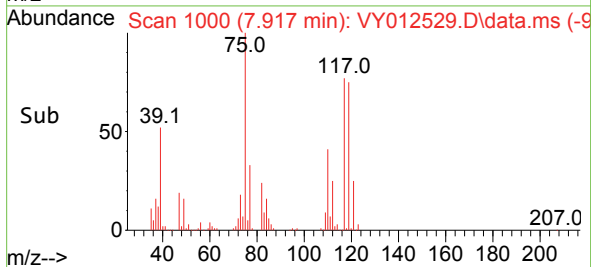
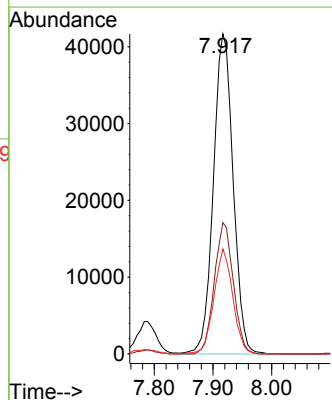
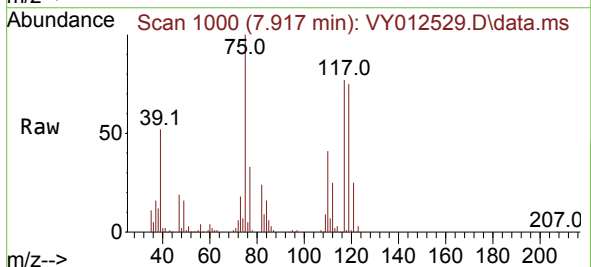
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

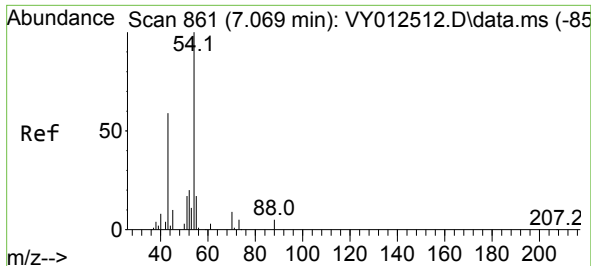
Tgt Ion:113 Resp: 82084  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.9 122.9  
192 22.1 17.5 26.3



#36  
1,1-Dichloropropene  
Concen: 46.039 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 75 Resp: 97362  
Ion Ratio Lower Upper  
75 100  
110 39.4 19.5 58.5  
77 31.3 24.9 37.3





#37

Ethyl Acetate

Concen: 52.494 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

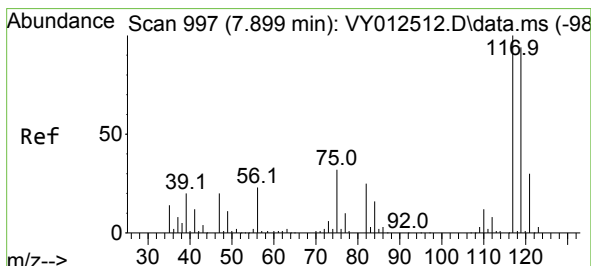
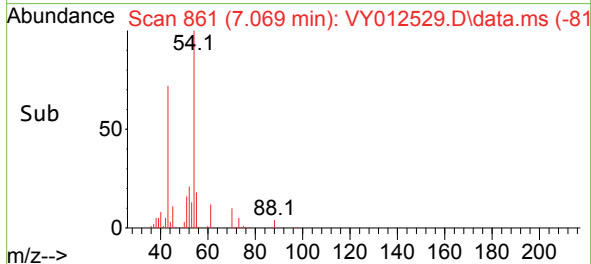
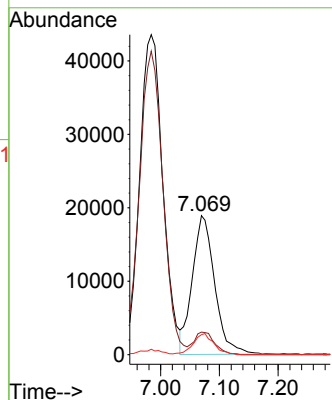
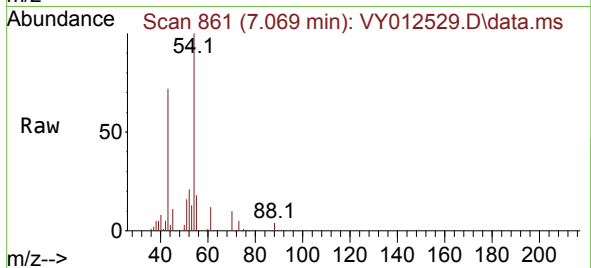
Tgt Ion: 43 Resp: 50093

Ion Ratio Lower Upper

43 100

61 15.1 12.5 18.7

70 14.0 11.0 16.4



#38

Carbon Tetrachloride

Concen: 46.747 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

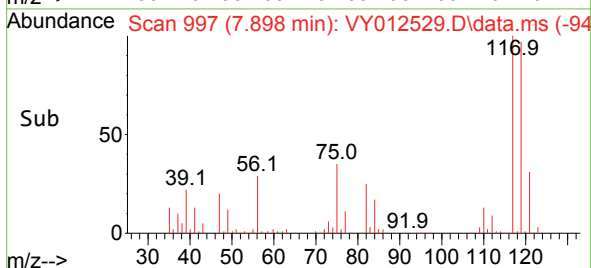
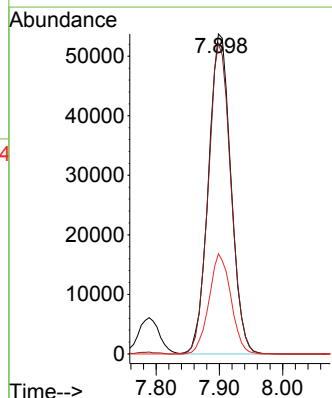
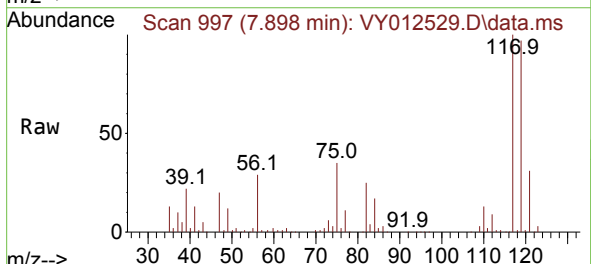
Tgt Ion: 117 Resp: 132706

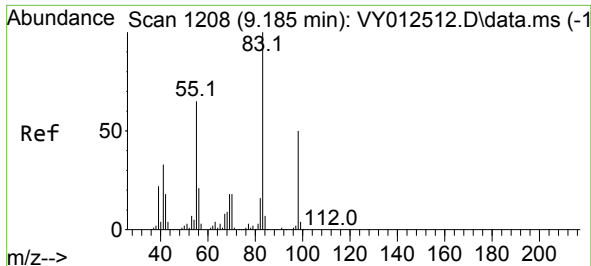
Ion Ratio Lower Upper

117 100

119 97.0 75.1 112.7

121 31.3 24.3 36.5





#39

Methylcyclohexane

Concen: 46.253 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

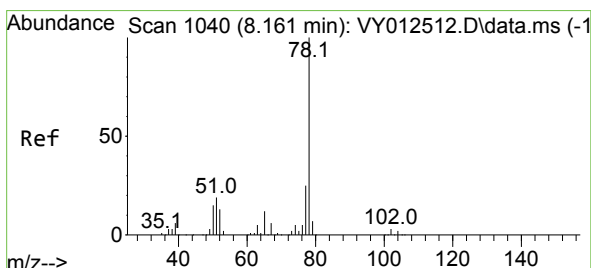
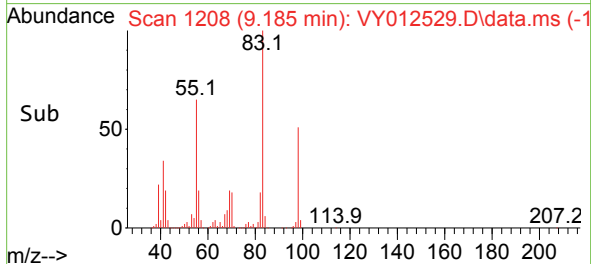
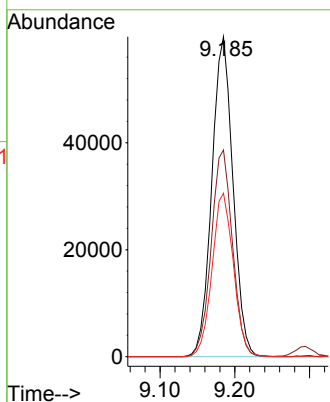
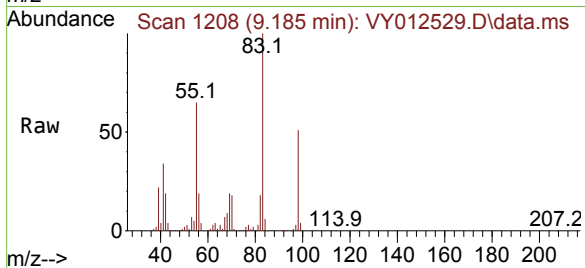
Tgt Ion: 83 Resp: 117702

Ion Ratio Lower Upper

83 100

55 64.6 52.0 78.0

98 51.1 40.4 60.6



#40

Benzene

Concen: 47.313 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012529.D

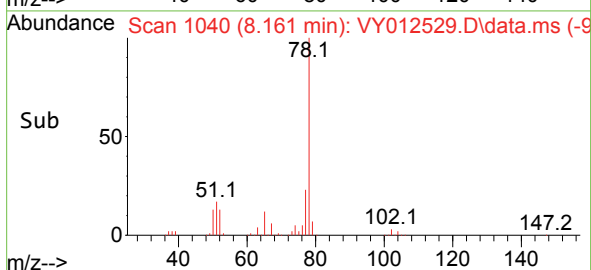
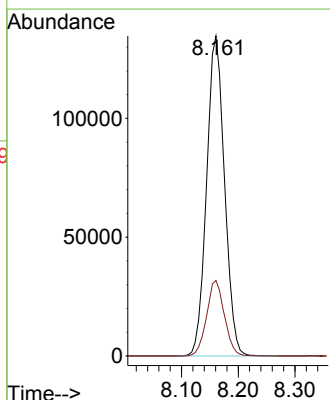
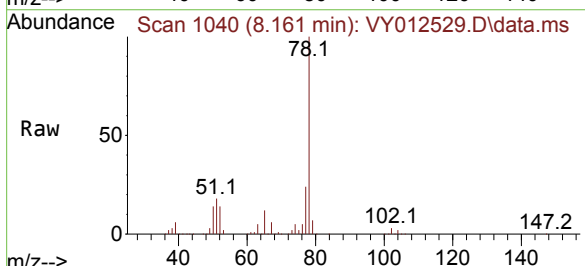
Acq: 07 Feb 2023 19:20

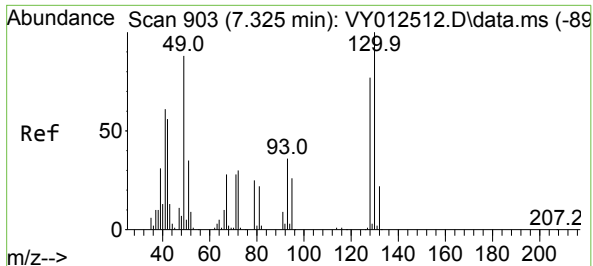
Tgt Ion: 78 Resp: 295529

Ion Ratio Lower Upper

78 100

77 23.6 19.9 29.9

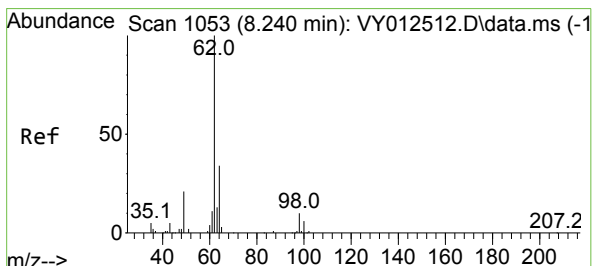
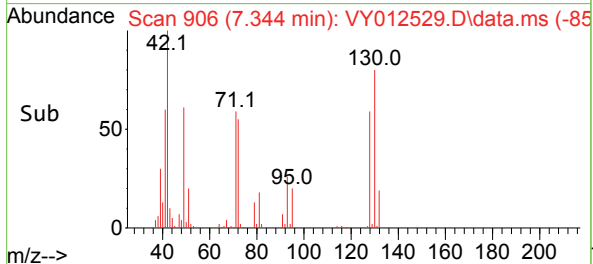
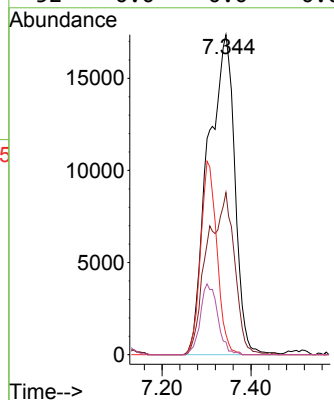
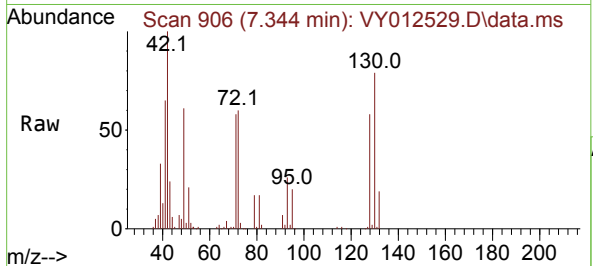




#41  
Methacrylonitrile  
Concen: 138.444 ug/l  
RT: 7.344 min Scan# 903  
Delta R.T. 0.018 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

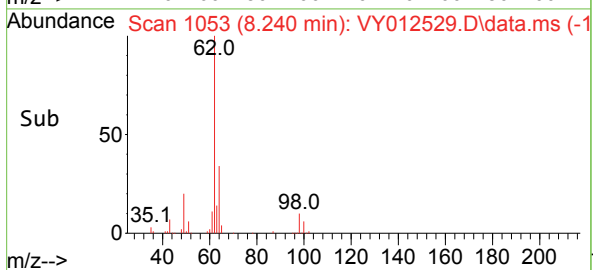
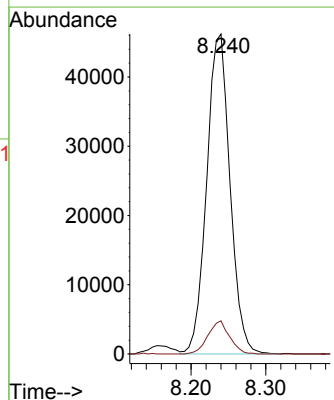
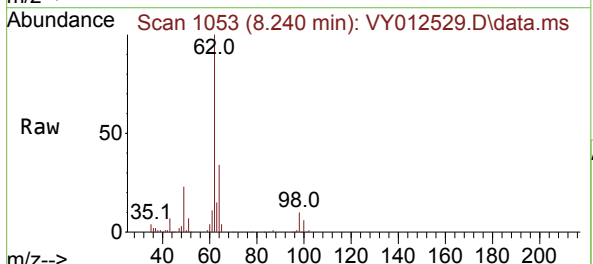
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

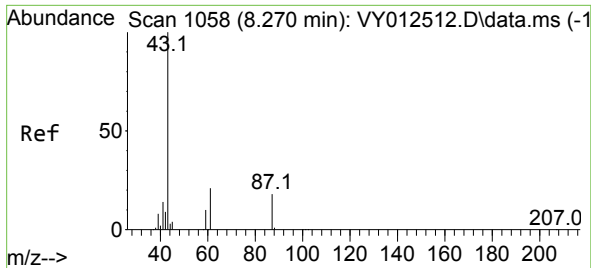
Tgt Ion: 41 Resp: 72378  
Ion Ratio Lower Upper  
41 100  
39 51.6 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.498 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 62 Resp: 100210  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 19.2

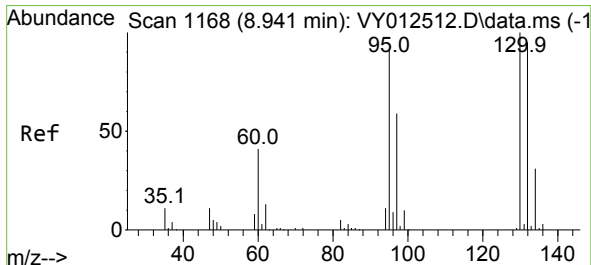
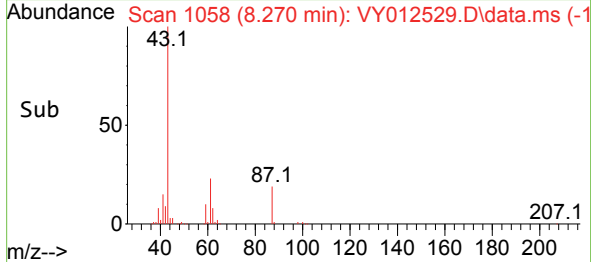
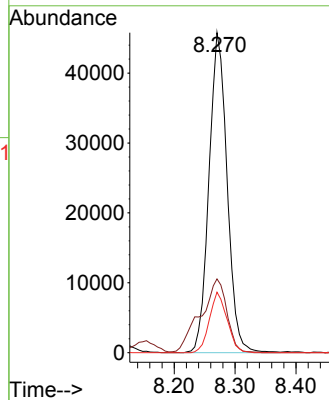
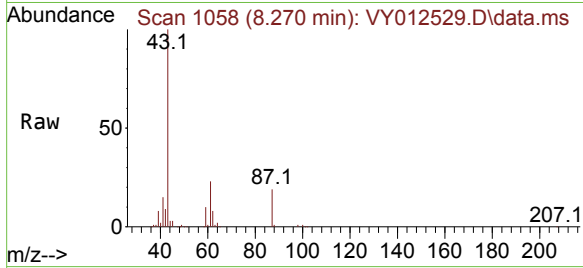




#43  
Isopropyl Acetate  
Concen: 53.571 ug/l  
RT: 8.270 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

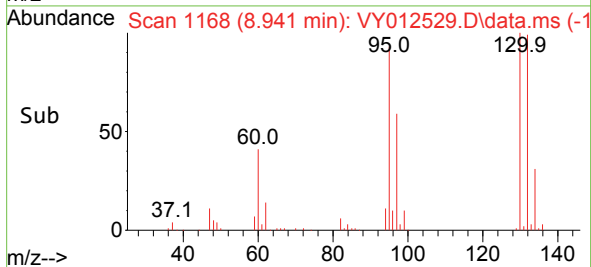
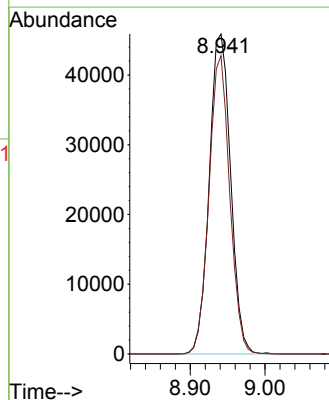
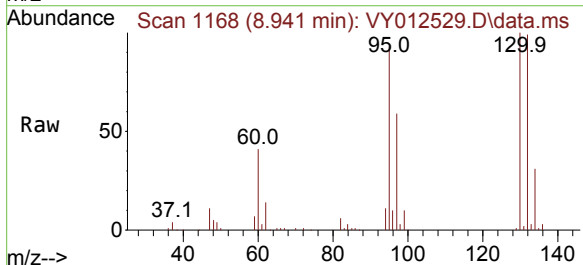
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

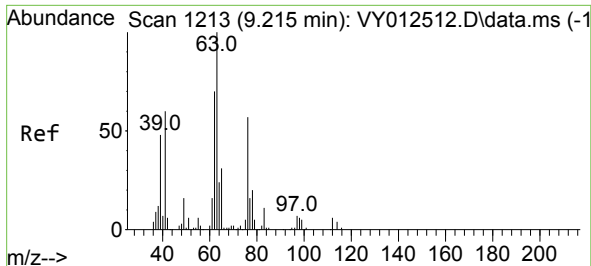
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 94782 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 33.4  | 27.2  | 40.8  |
| 87       | 18.4  | 15.0  | 22.4  |



#44  
Trichloroethene  
Concen: 48.075 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 91411 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.2  | 0.0   | 181.2 |





#45

1,2-Dichloropropane

Concen: 49.297 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

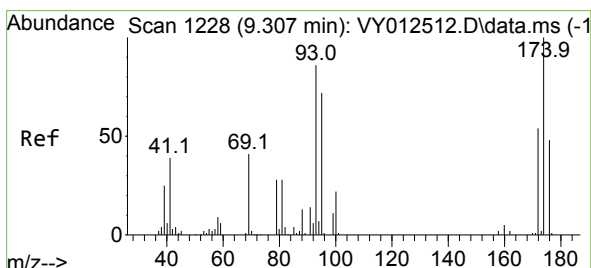
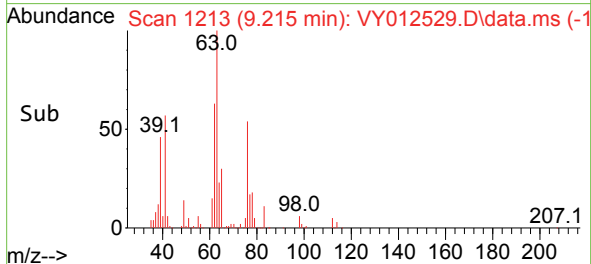
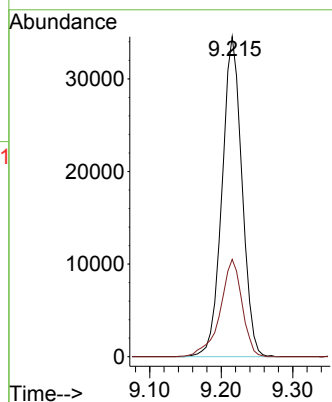
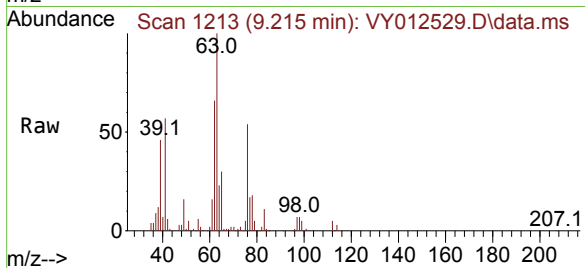
VSTDCCC050EC

Tgt Ion: 63 Resp: 66768

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



#46

Dibromomethane

Concen: 49.851 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

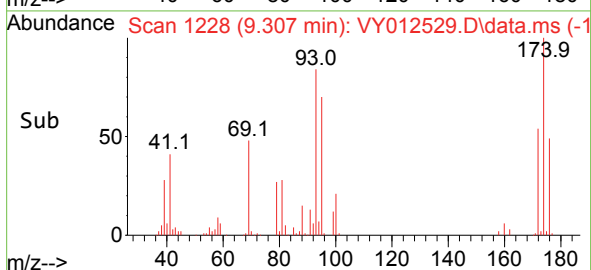
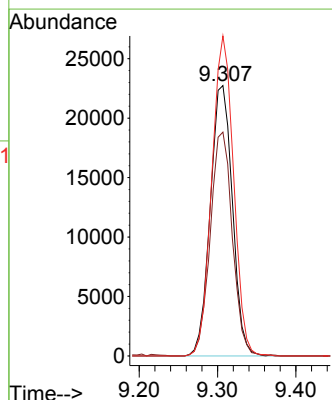
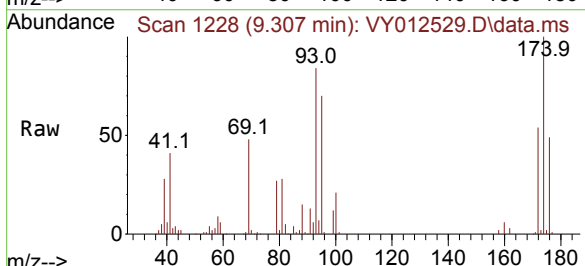
Tgt Ion: 93 Resp: 44707

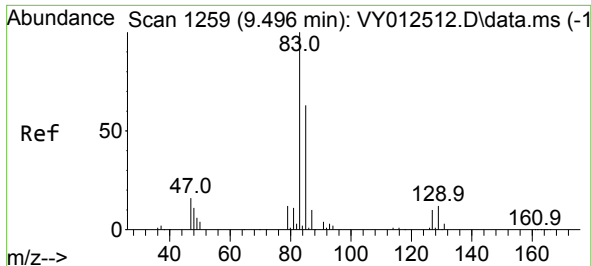
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 116.3 93.4 140.2

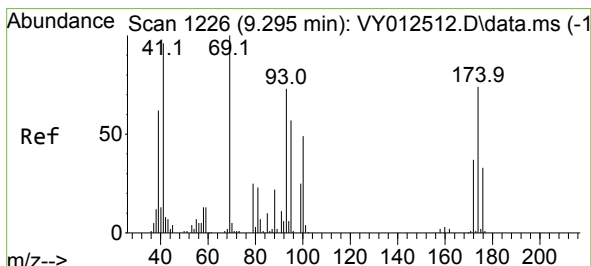
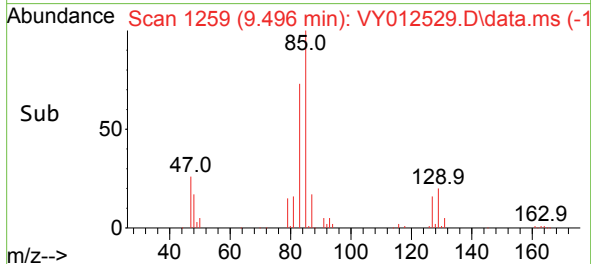
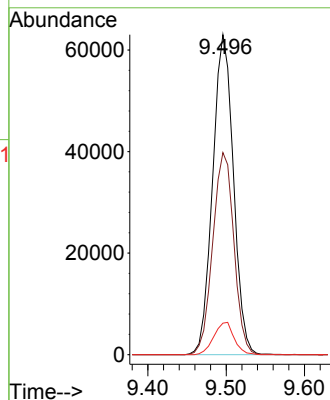
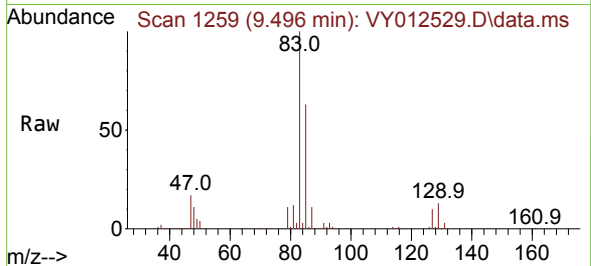




#47  
Bromodichloromethane  
Concen: 49.920 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

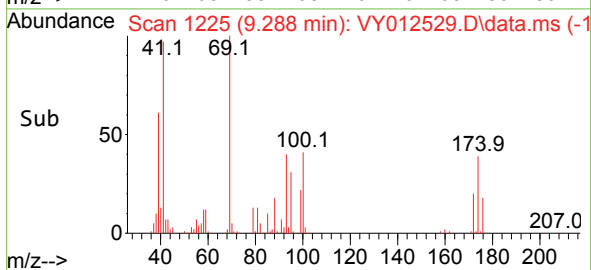
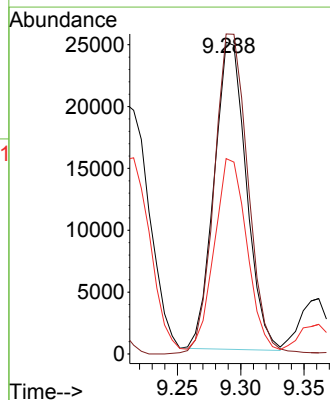
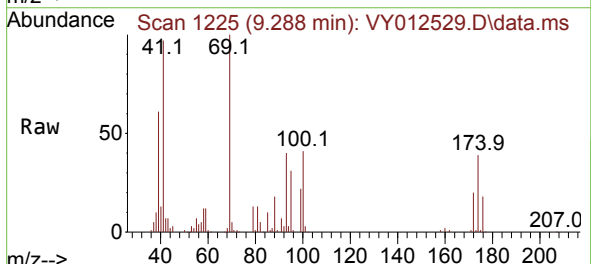
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

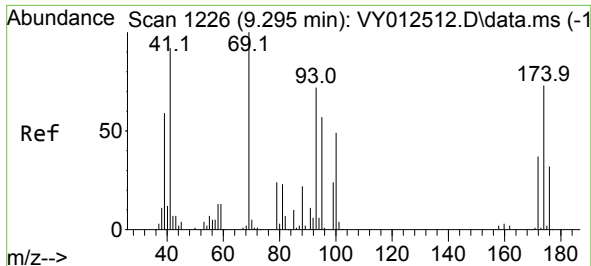
Tgt Ion: 83 Resp: 116079  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.7 76.1  
127 9.8 8.1 12.1



#48  
Methyl methacrylate  
Concen: 54.448 ug/l  
RT: 9.288 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 41 Resp: 44033  
Ion Ratio Lower Upper  
41 100  
69 108.8 85.4 128.2  
39 65.3 52.7 79.1





#49

1,4-Dioxane

Concen: 1096.446 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

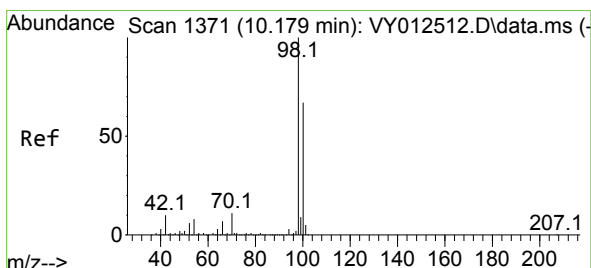
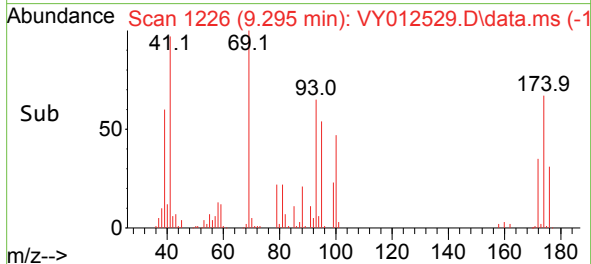
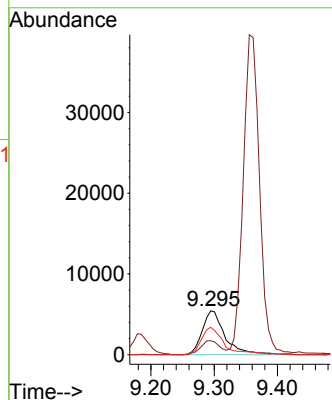
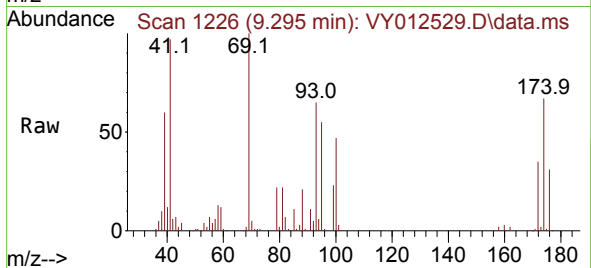
Tgt Ion: 88 Resp: 13574

Ion Ratio Lower Upper

88 100

43 26.8 22.6 33.8

58 63.1 45.4 68.0



#50

Toluene-d8

Concen: 51.701 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012529.D

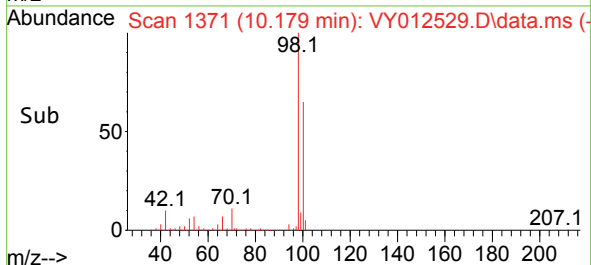
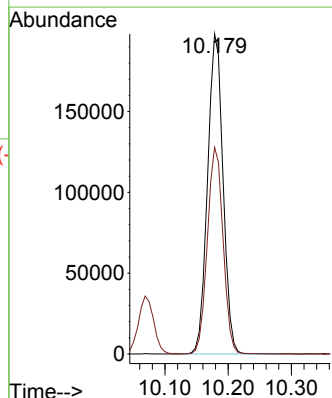
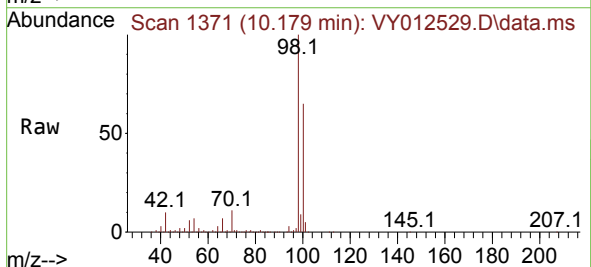
Acq: 07 Feb 2023 19:20

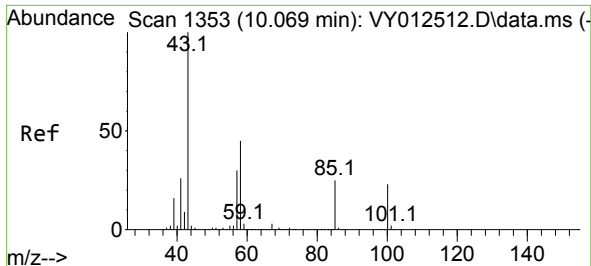
Tgt Ion: 98 Resp: 336256

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2

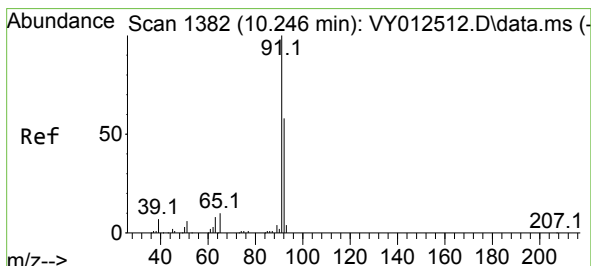
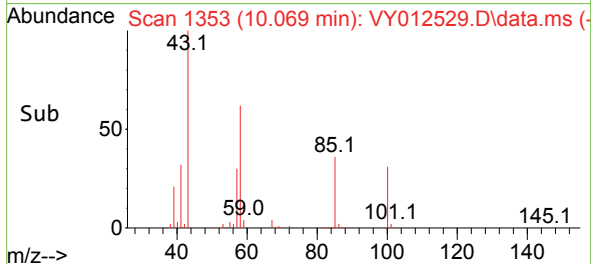
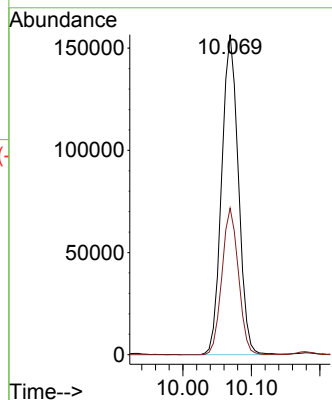
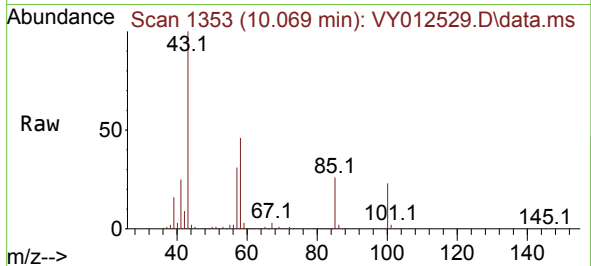




#51  
4-Methyl-2-Pentanone  
Concen: 276.301 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

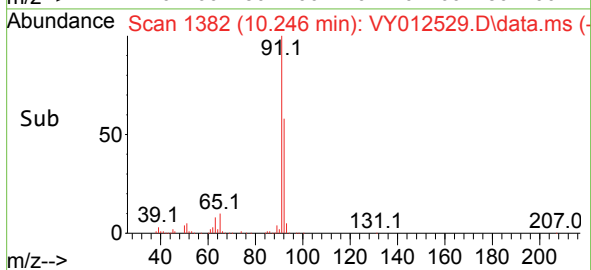
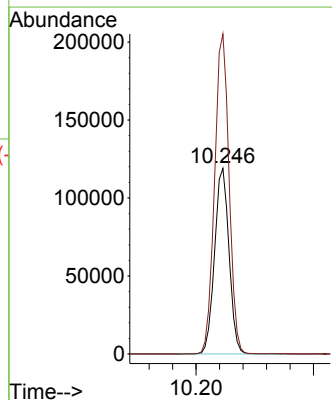
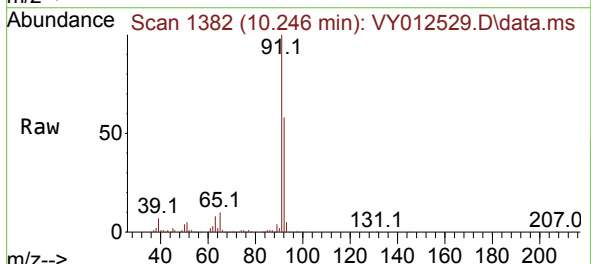
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

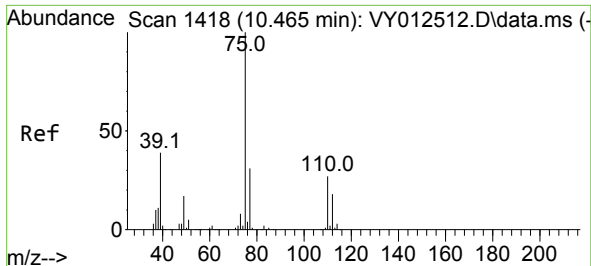
Tgt Ion: 43 Resp: 263751  
Ion Ratio Lower Upper  
43 100  
58 45.3 36.2 54.2



#52  
Toluene  
Concen: 47.916 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 92 Resp: 202962  
Ion Ratio Lower Upper  
92 100  
91 172.4 137.2 205.8

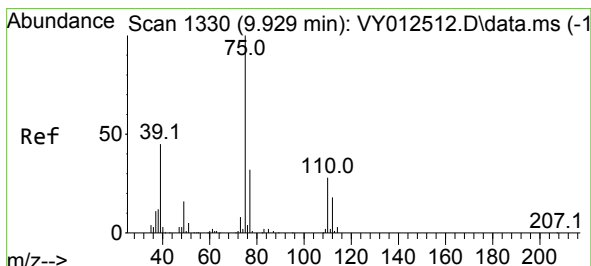
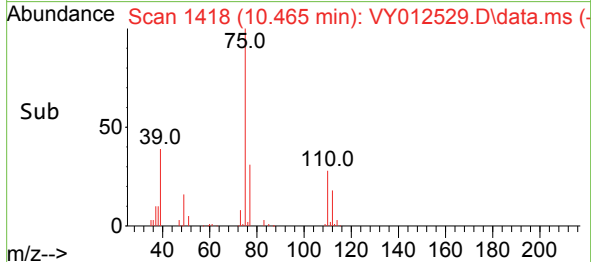
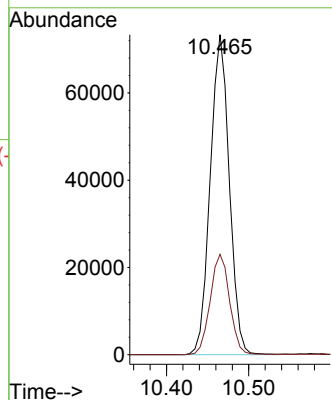
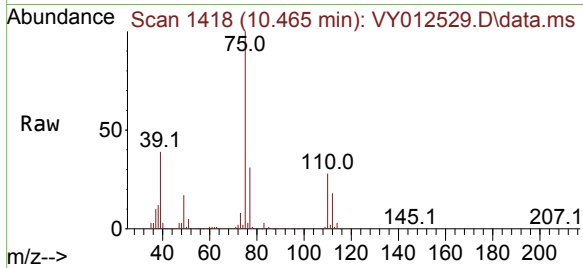




#53  
 t-1,3-Dichloropropene  
 Concen: 50.450 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

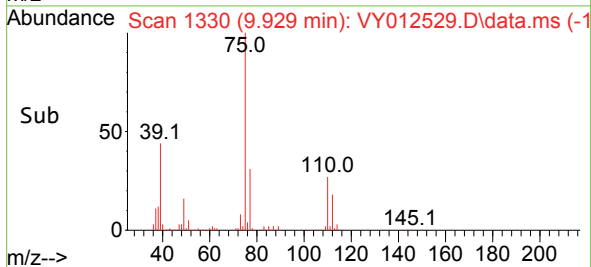
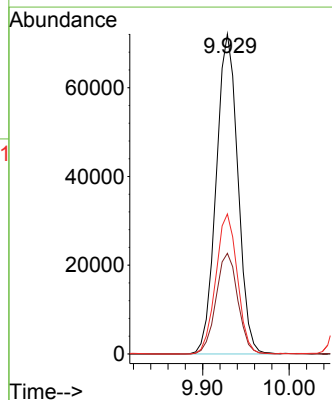
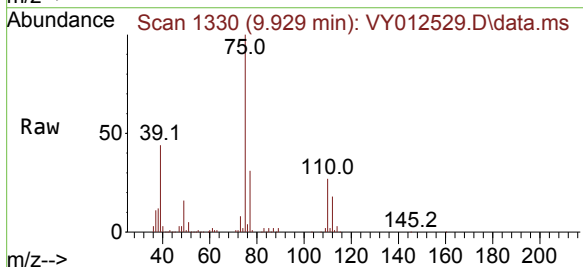
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

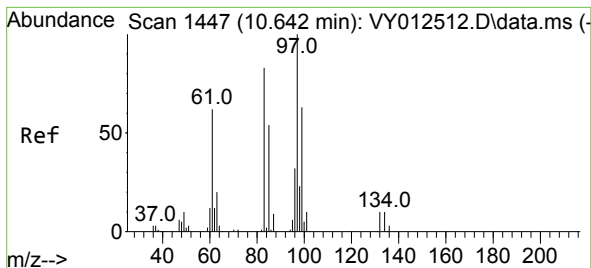
Tgt Ion: 75 Resp: 118209  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.1 37.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.392 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

Tgt Ion: 75 Resp: 125240  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.7 38.5  
 39 43.8 36.0 54.0

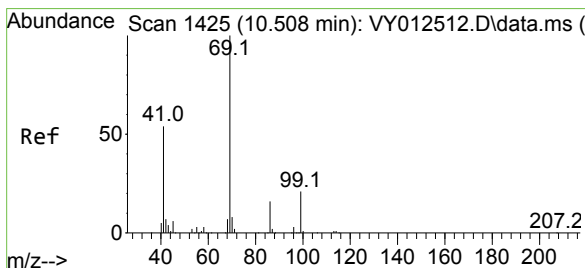
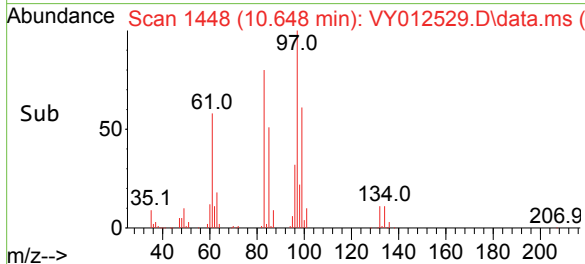
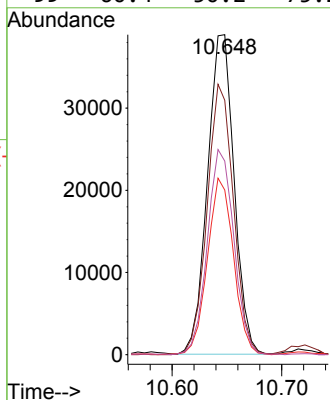
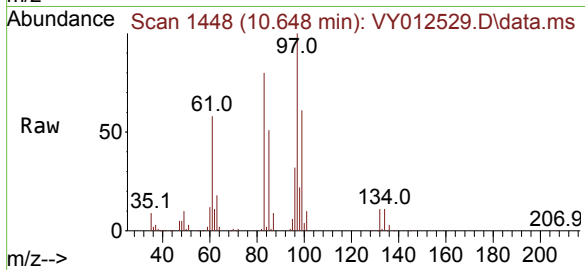




#55  
1,1,2-Trichloroethane  
Concen: 50.202 ug/l  
RT: 10.648 min Scan# 1447  
Delta R.T. 0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

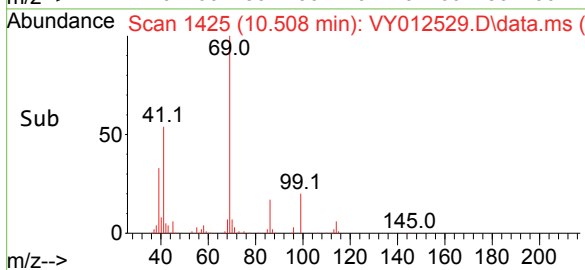
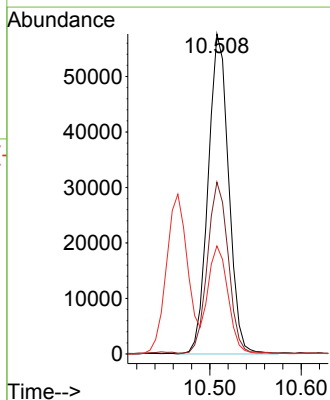
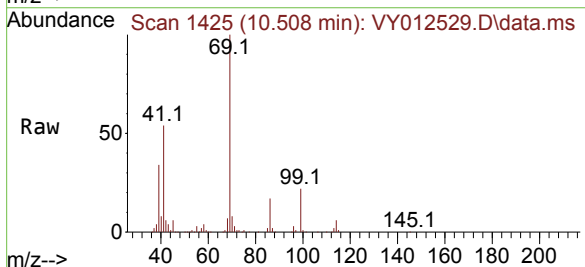
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

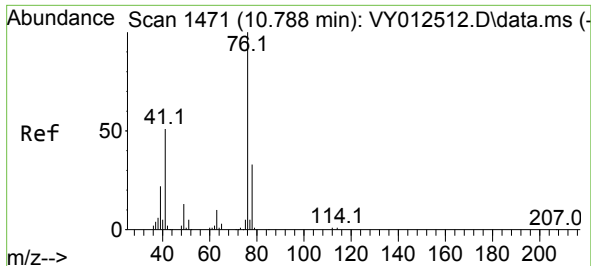
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65785 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.3  | 66.0  | 99.0  |
| 85       | 51.3  | 43.1  | 64.7  |
| 99       | 60.4  | 50.2  | 75.2  |



#56  
Ethyl methacrylate  
Concen: 54.574 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 89848 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 54.0  | 43.4  | 65.2  |
| 39       | 32.5  | 26.5  | 39.7  |





#57

1,3-Dichloropropane

Concen: 50.659 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

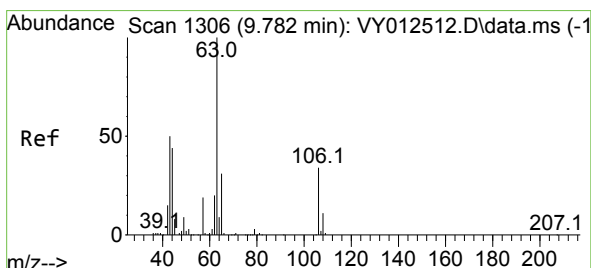
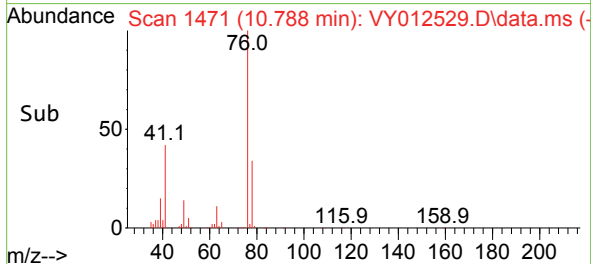
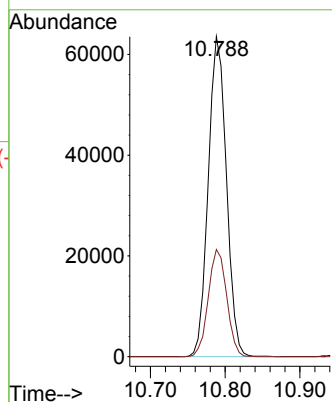
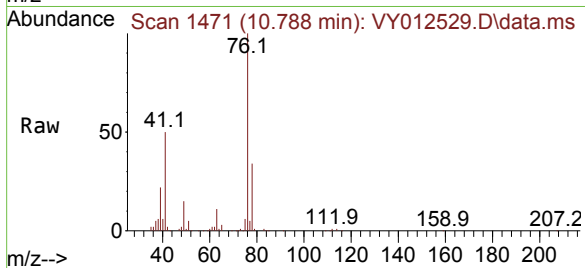
VSTDCCC050EC

Tgt Ion: 76 Resp: 107138

Ion Ratio Lower Upper

76 100

78 34.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 287.734 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012529.D

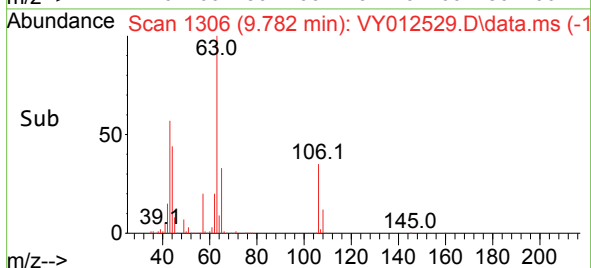
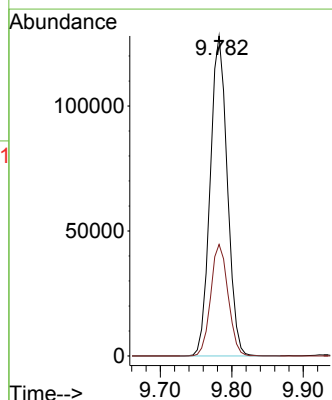
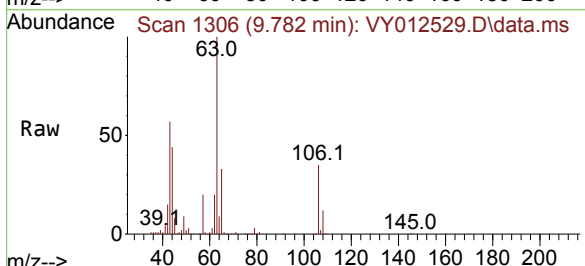
Acq: 07 Feb 2023 19:20

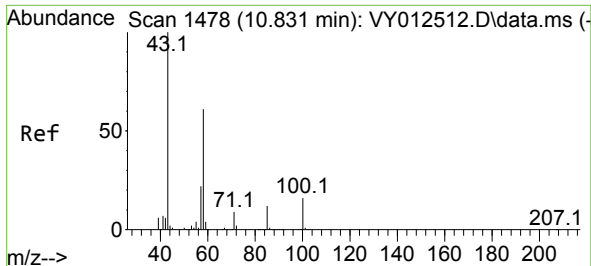
Tgt Ion: 63 Resp: 212922

Ion Ratio Lower Upper

63 100

106 35.3 28.0 42.0

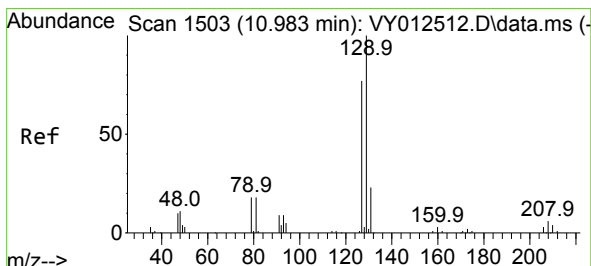
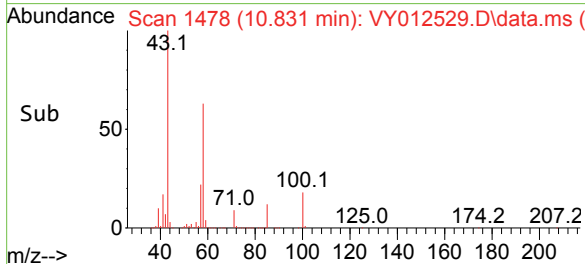
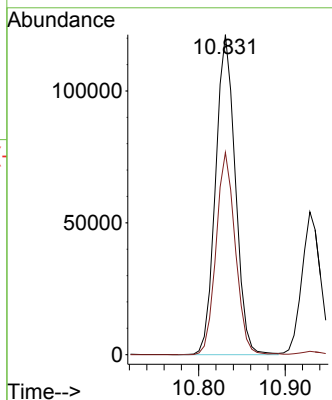
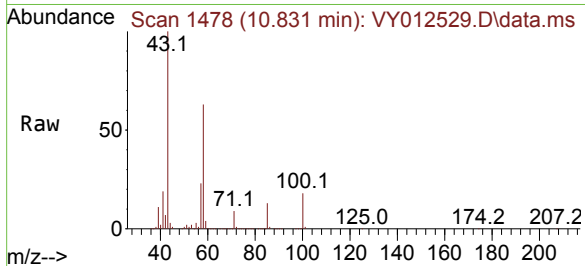




#59  
2-Hexanone  
Concen: 266.015 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

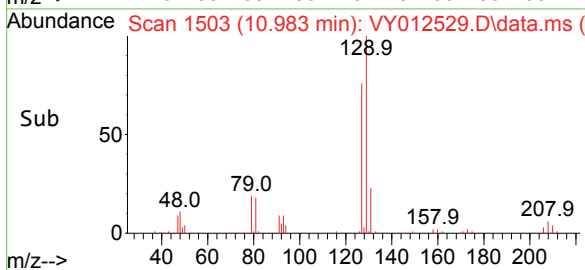
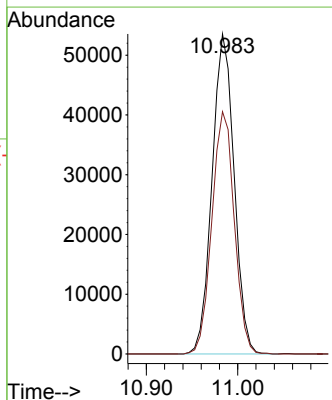
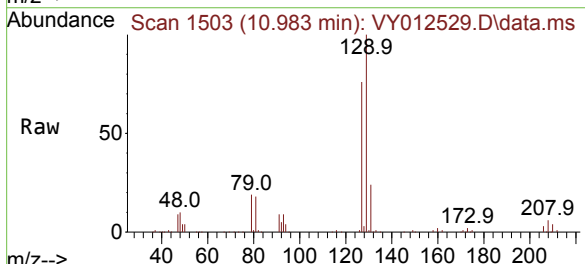
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

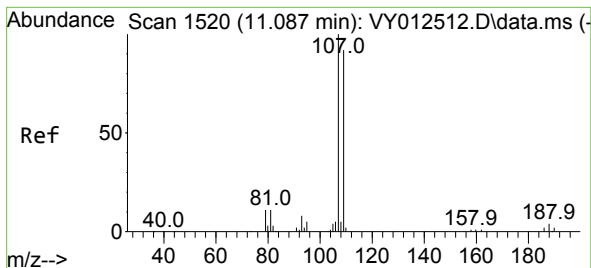
Tgt Ion: 43 Resp: 191900  
Ion Ratio Lower Upper  
43 100  
58 61.5 30.9 92.5



#60  
Dibromochloromethane  
Concen: 51.338 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 129 Resp: 89676  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.0 114.1

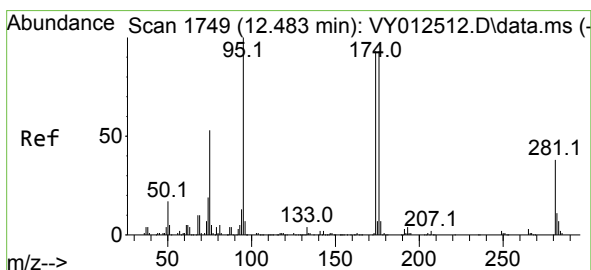
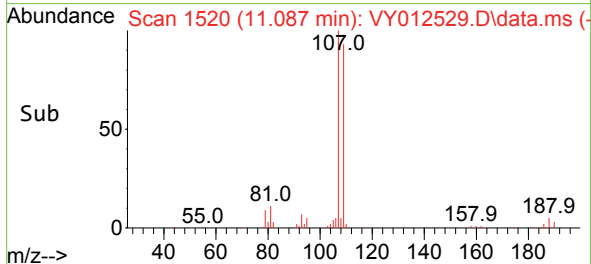
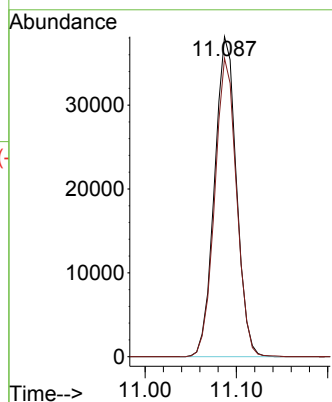
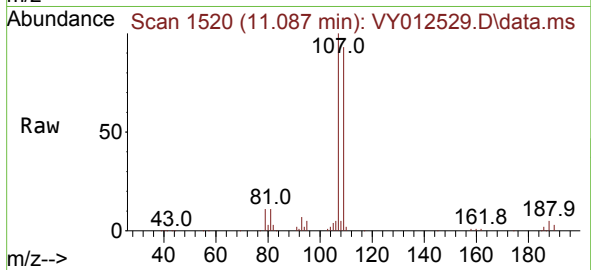




#61  
1,2-Dibromoethane  
Concen: 51.570 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

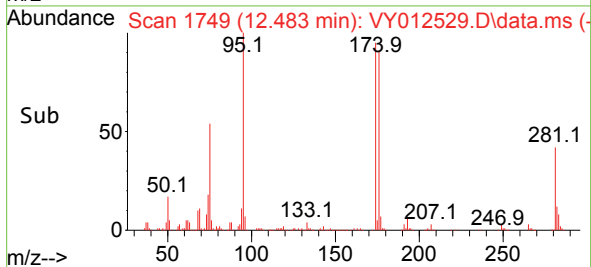
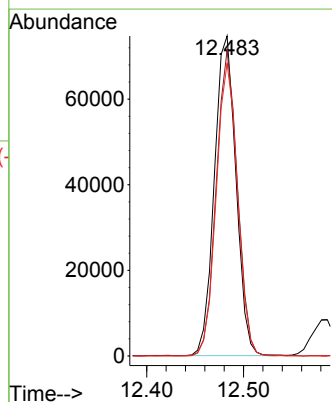
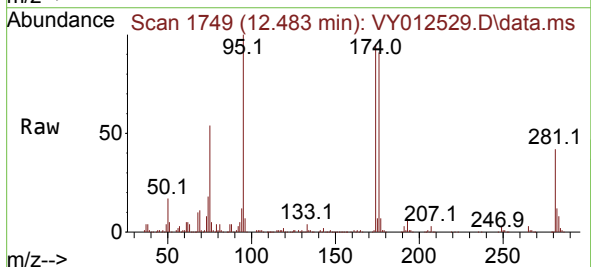
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

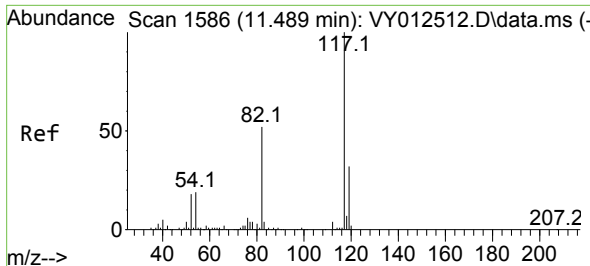
Tgt Ion:107 Resp: 63318  
Ion Ratio Lower Upper  
107 100  
109 93.3 74.2 111.2



#62  
4-Bromofluorobenzene  
Concen: 51.079 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 95 Resp: 115876  
Ion Ratio Lower Upper  
95 100  
174 93.3 0.0 188.0  
176 90.3 0.0 183.6

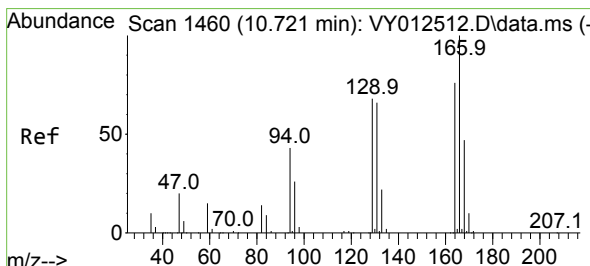
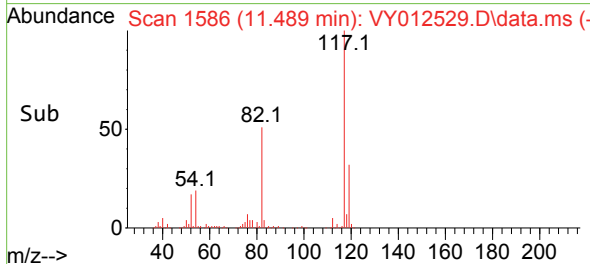
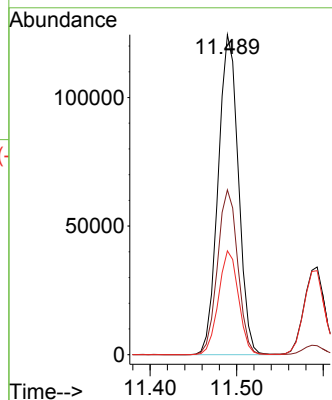
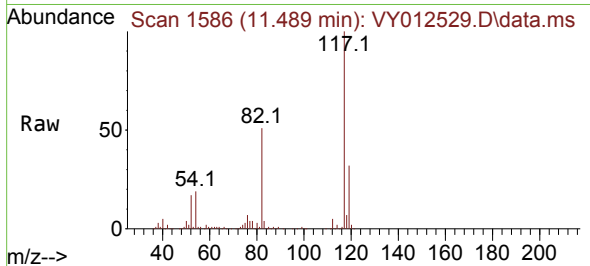




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

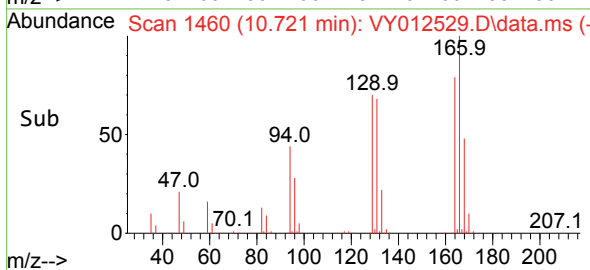
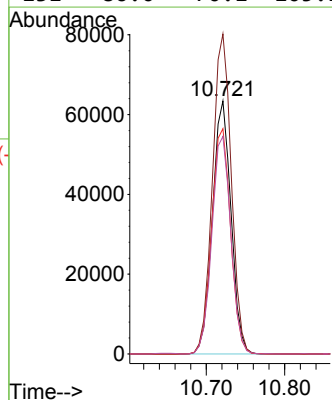
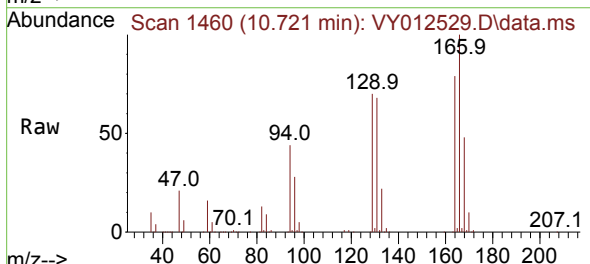
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

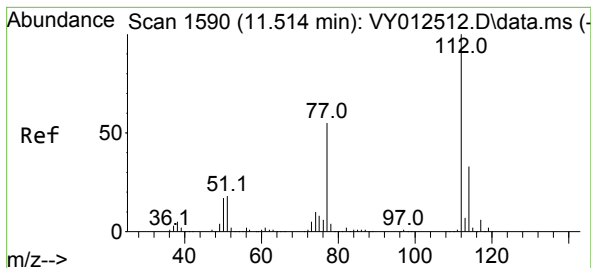
Tgt Ion:117 Resp: 201777  
Ion Ratio Lower Upper  
117 100  
82 51.5 41.7 62.5  
119 32.4 25.8 38.8



#64  
Tetrachloroethene  
Concen: 49.663 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion:164 Resp: 104617  
Ion Ratio Lower Upper  
164 100  
166 126.5 105.7 158.5  
129 89.0 71.8 107.6  
131 86.0 70.1 105.1

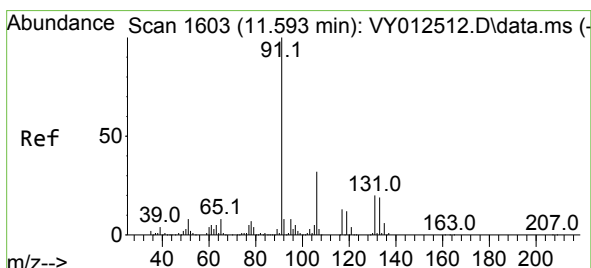
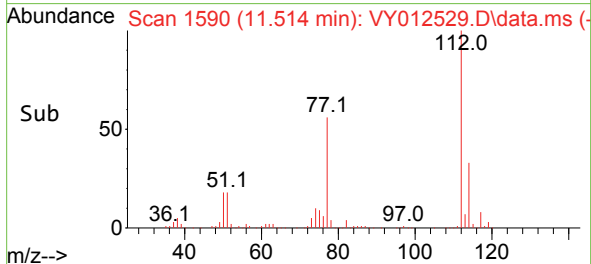
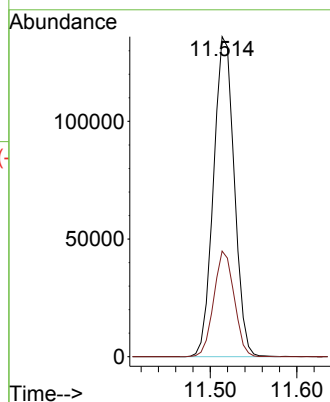
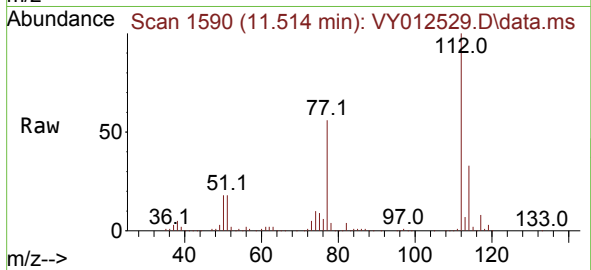




#65  
Chlorobenzene  
Concen: 47.287 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

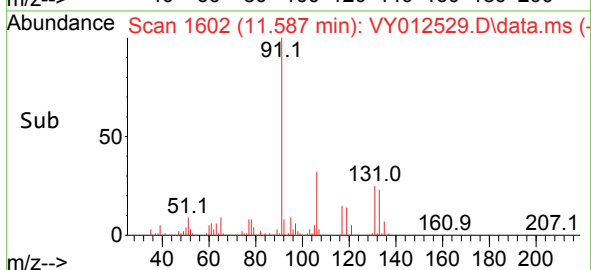
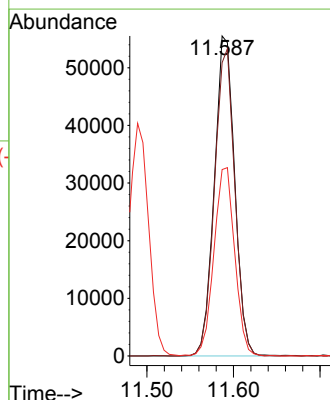
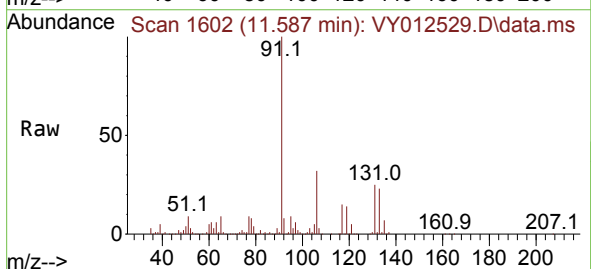
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

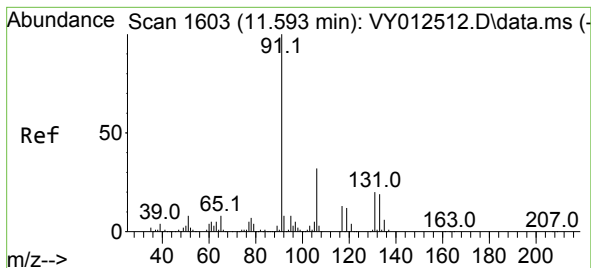
Tgt Ion:112 Resp: 226307  
Ion Ratio Lower Upper  
112 100  
114 33.0 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.439 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion:131 Resp: 90844  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.5 145.5  
119 60.1 30.7 92.1





#67

Ethyl Benzene

Concen: 47.102 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

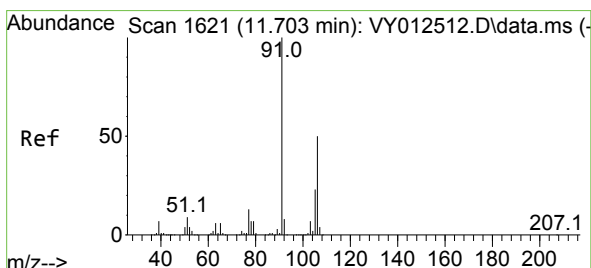
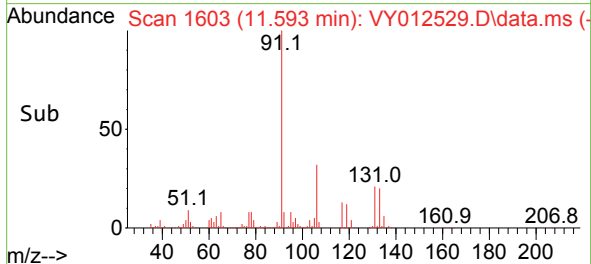
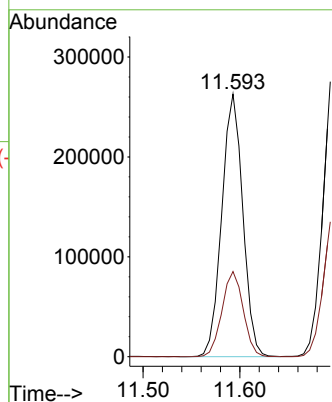
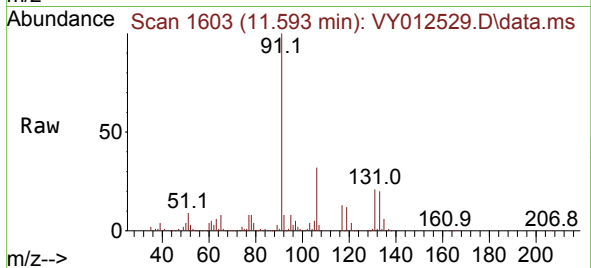
VSTDCCC050EC

Tgt Ion: 91 Resp: 395745

Ion Ratio Lower Upper

91 100

106 32.4 25.6 38.4



#68

m/p-Xylenes

Concen: 94.160 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012529.D

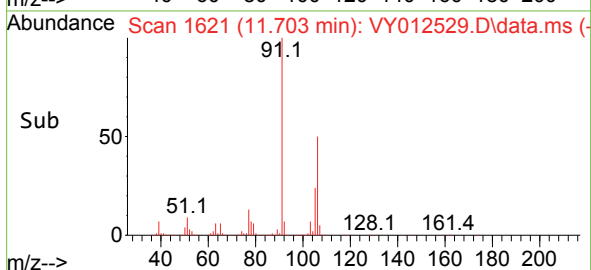
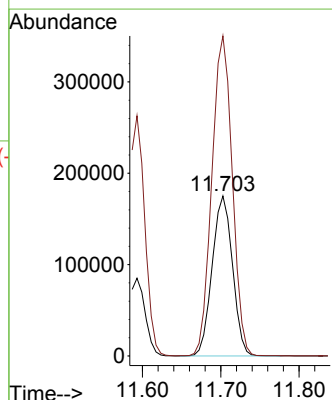
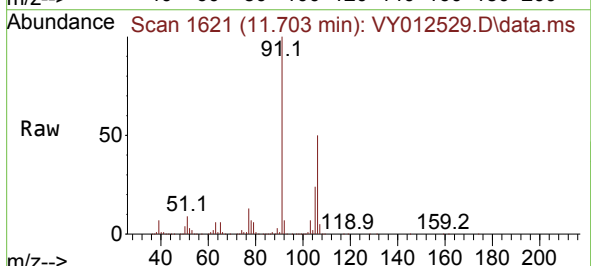
Acq: 07 Feb 2023 19:20

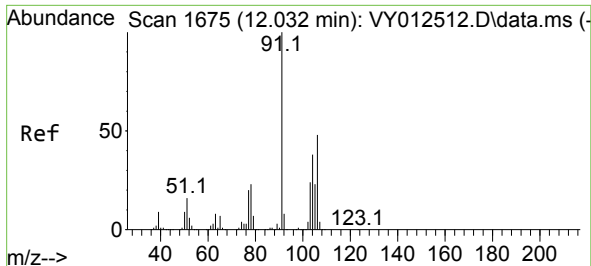
Tgt Ion: 106 Resp: 315783

Ion Ratio Lower Upper

106 100

91 200.7 160.3 240.5

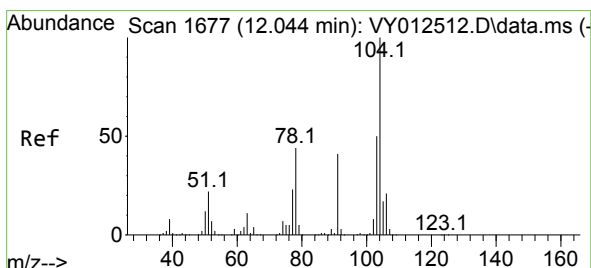
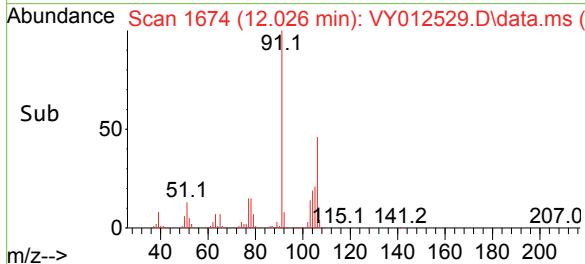
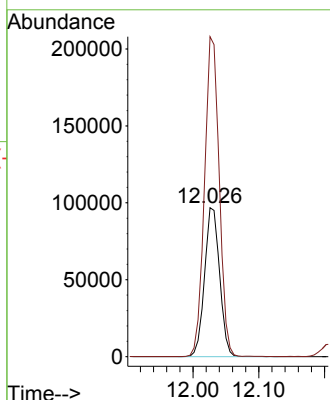
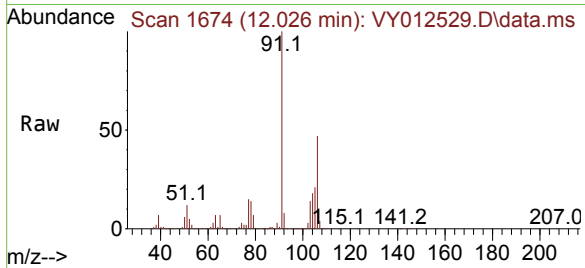




#69  
o-Xylene  
Concen: 48.284 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

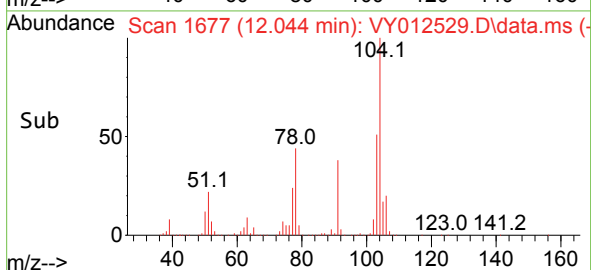
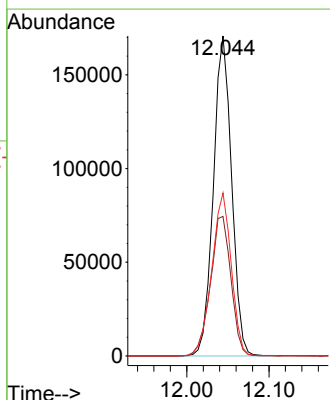
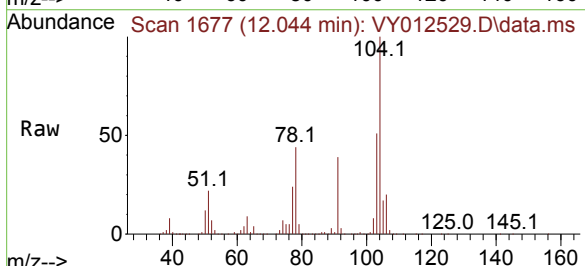
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

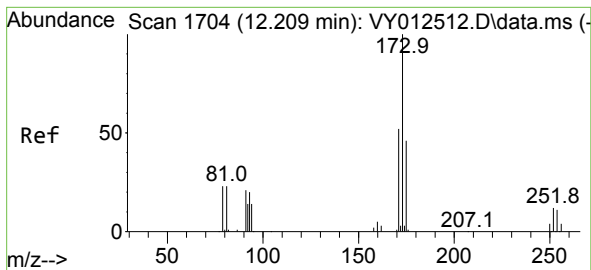
Tgt Ion:106 Resp: 154213  
Ion Ratio Lower Upper  
106 100  
91 210.5 104.2 312.5



#70  
Styrene  
Concen: 48.605 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion:104 Resp: 263275  
Ion Ratio Lower Upper  
104 100  
78 49.0 39.4 59.2  
103 54.5 43.8 65.8





#71

Bromoform

Concen: 51.570 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

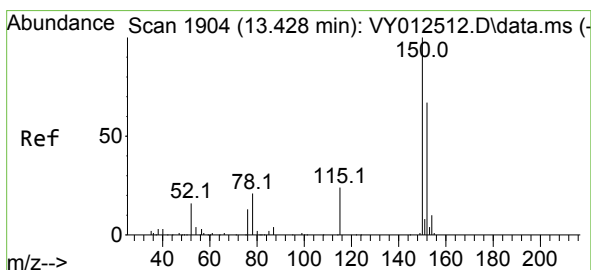
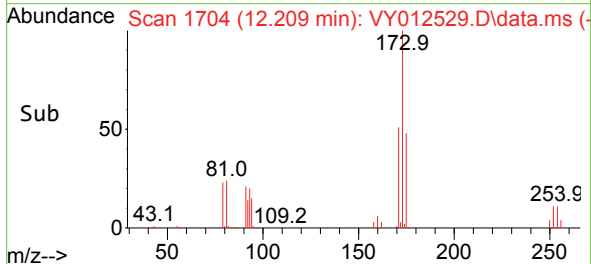
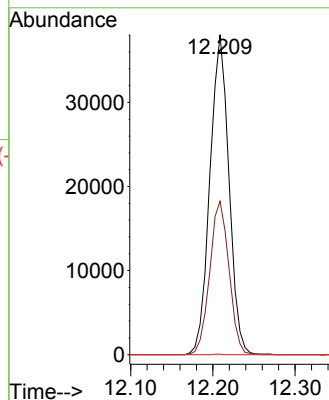
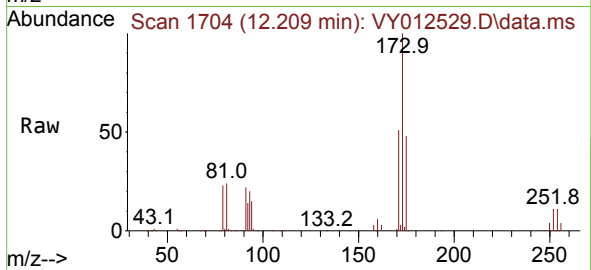
Tgt Ion:173 Resp: 61132

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

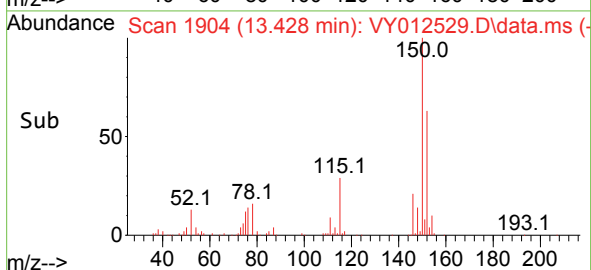
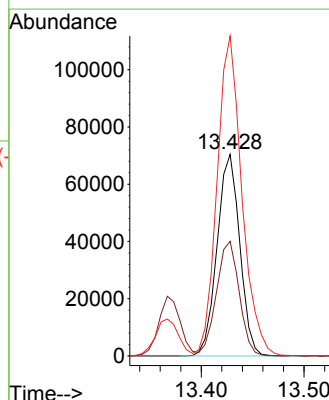
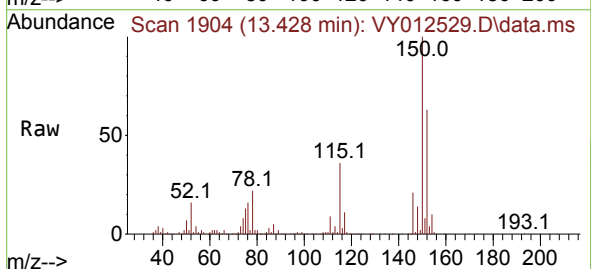
Tgt Ion:152 Resp: 107799

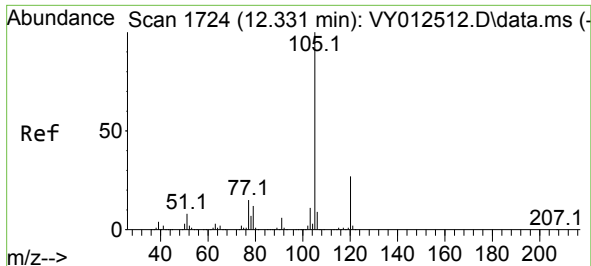
Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.3

150 173.4 0.0 351.0

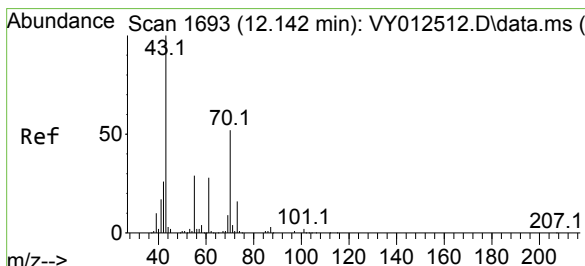
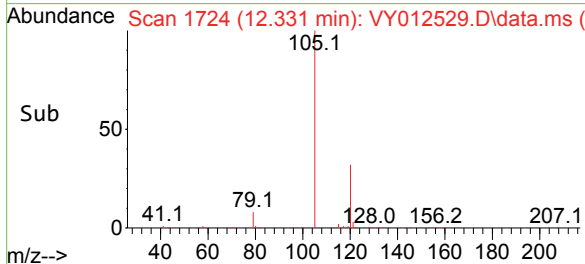
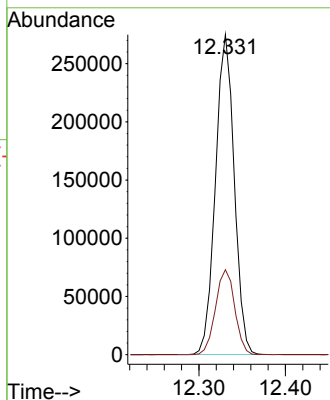
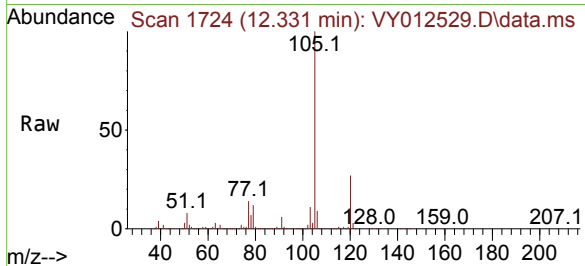




#73  
Isopropylbenzene  
Concen: 47.358 ug/l  
RT: 12.331 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

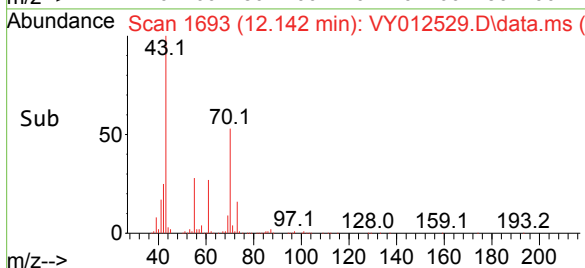
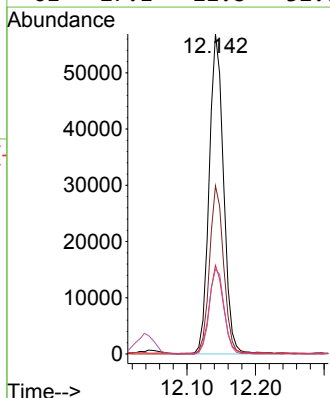
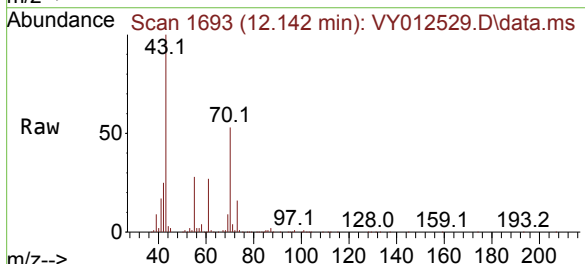
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

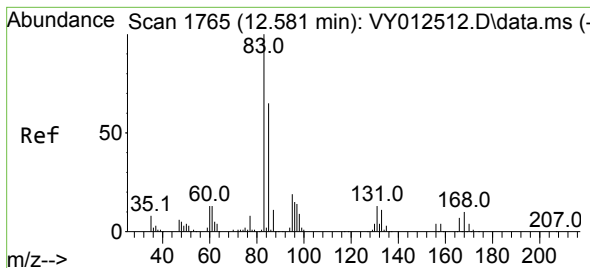
Tgt Ion:105 Resp: 413037  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.4 40.2



#74  
N-ethyl acetate  
Concen: 52.792 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 43 Resp: 83347  
Ion Ratio Lower Upper  
43 100  
70 51.2 41.0 61.6  
55 27.5 22.9 34.3  
61 27.1 21.8 32.6

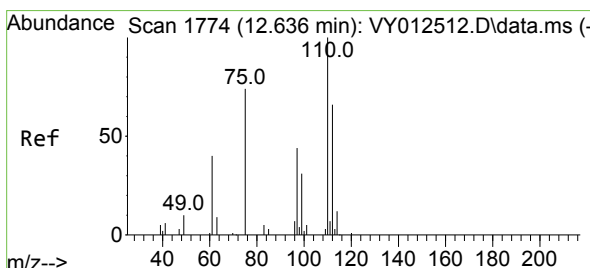
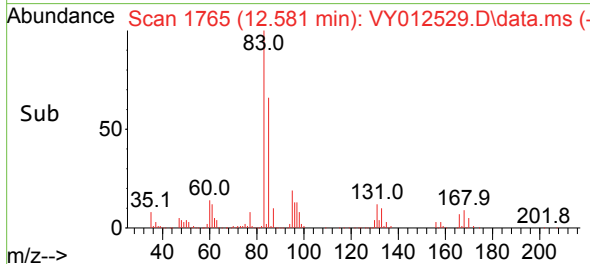
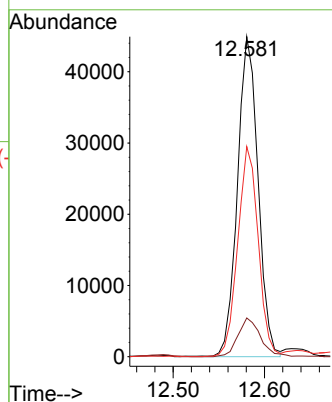
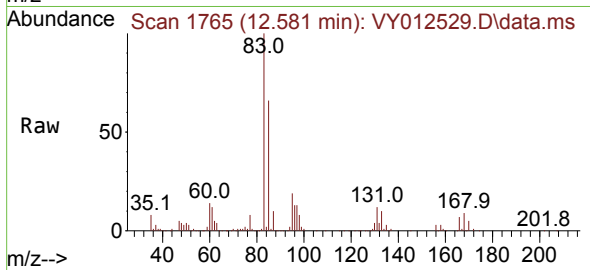




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.894 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

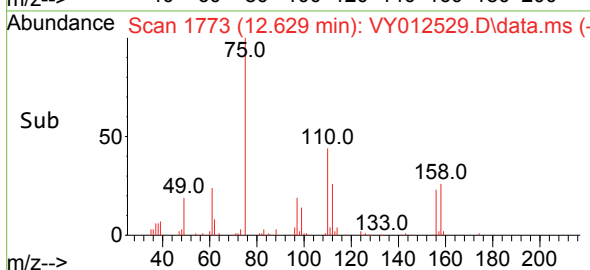
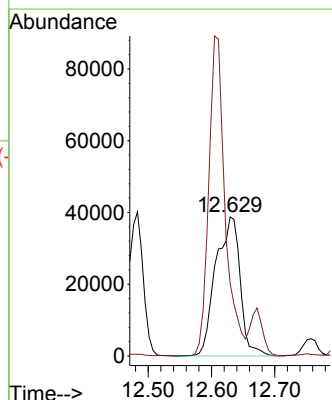
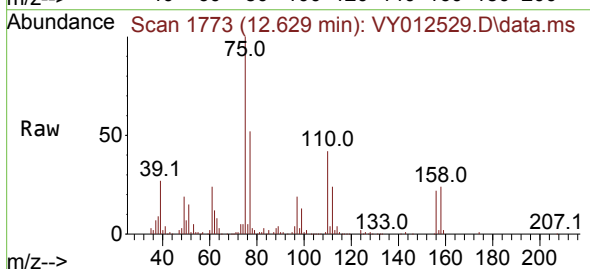
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

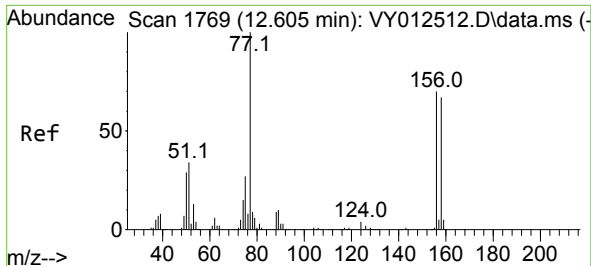
Tgt Ion: 83 Resp: 70362  
 Ion Ratio Lower Upper  
 83 100  
 131 13.3 6.5 19.4  
 85 65.2 33.0 99.0



#76  
 1,2,3-Trichloropropane  
 Concen: 86.220 ug/l  
 RT: 12.629 min Scan# 1773  
 Delta R.T. -0.006 min  
 Lab File: VY012529.D  
 Acq: 07 Feb 2023 19:20

Tgt Ion: 75 Resp: 103841  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

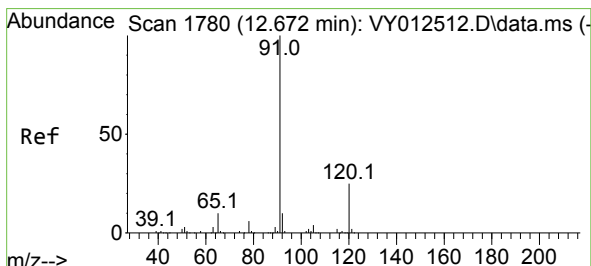
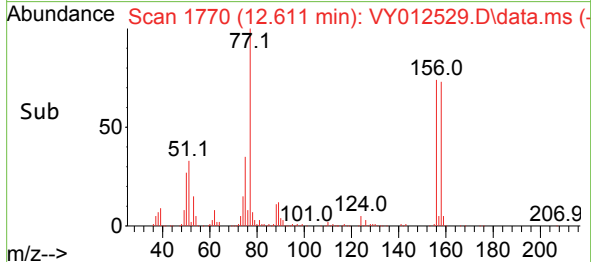
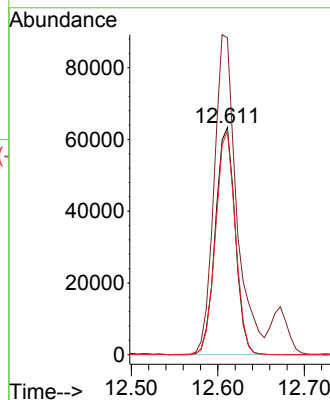
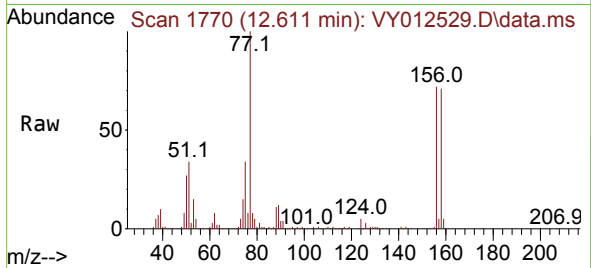




#77  
Bromobenzene  
Concen: 47.504 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

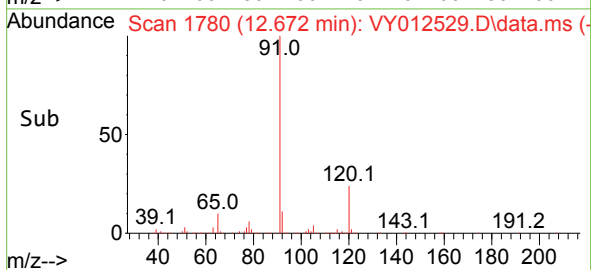
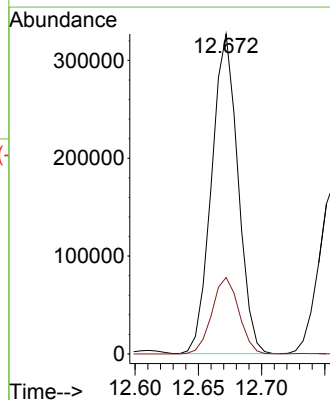
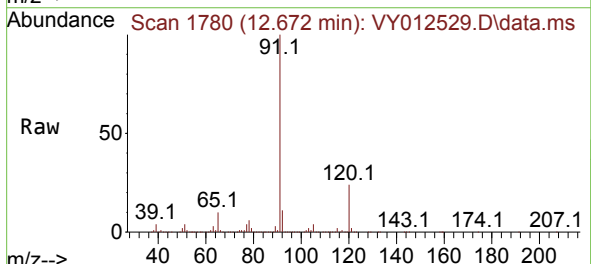
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

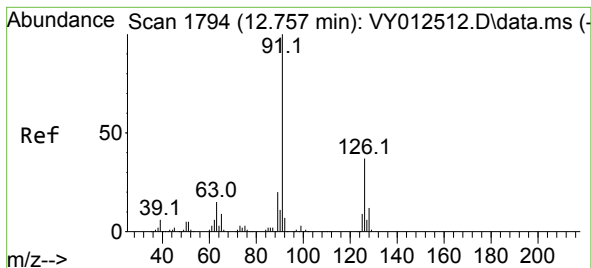
Tgt Ion:156 Resp: 100420  
Ion Ratio Lower Upper  
156 100  
77 160.9 80.6 241.8  
158 98.3 49.1 147.3



#78  
n-propylbenzene  
Concen: 47.230 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 91 Resp: 474114  
Ion Ratio Lower Upper  
91 100  
120 24.4 12.4 37.4

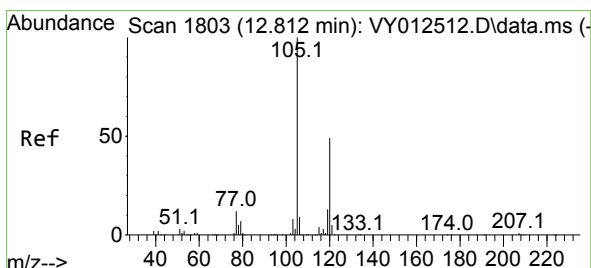
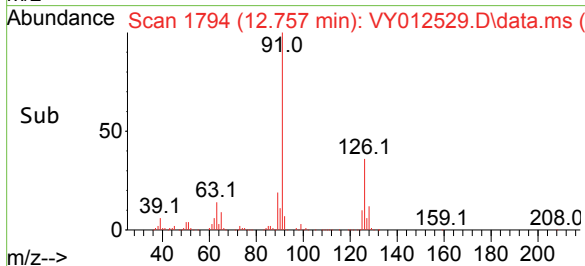
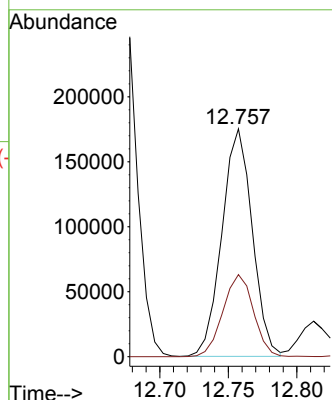
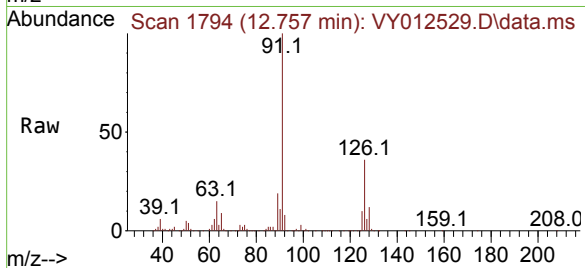




#79  
2-Chlorotoluene  
Concen: 47.340 ug/l  
RT: 12.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

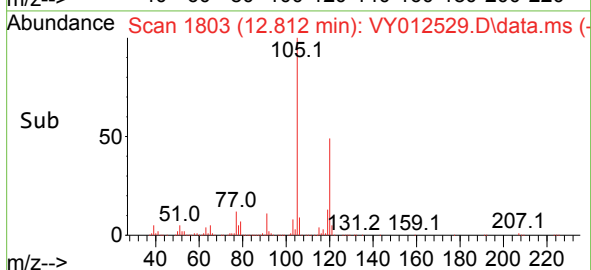
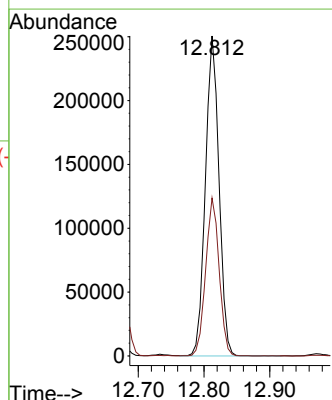
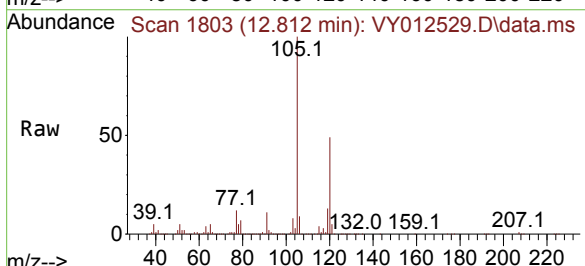
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

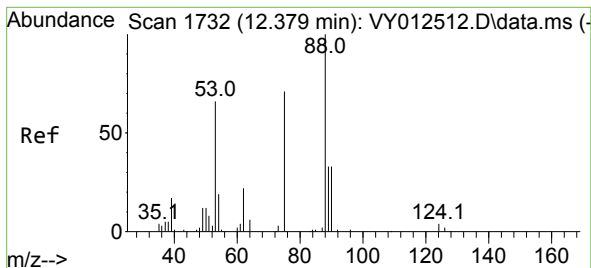
Tgt Ion: 91 Resp: 269777  
Ion Ratio Lower Upper  
91 100  
126 36.3 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 48.004 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 105 Resp: 360411  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.6 74.0

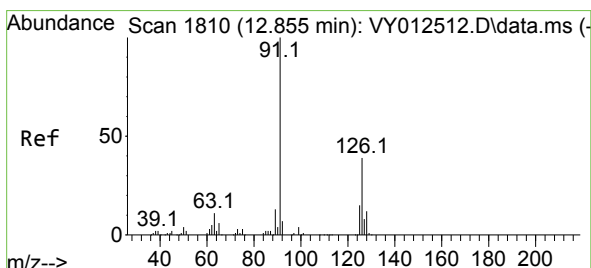
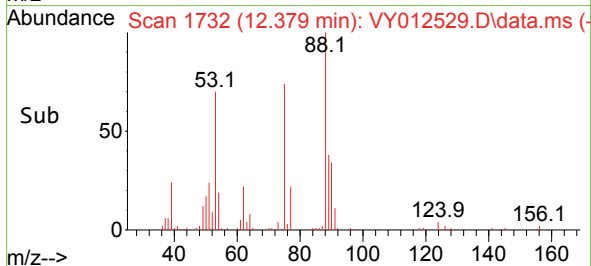
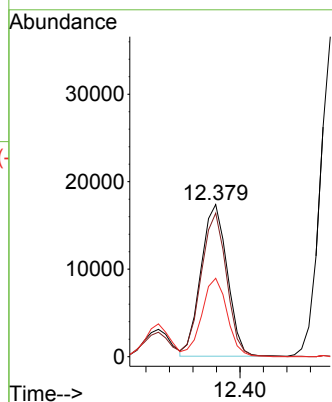
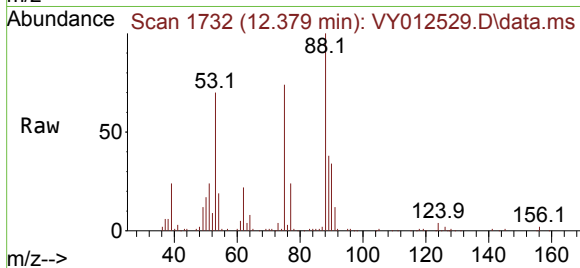




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.594 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

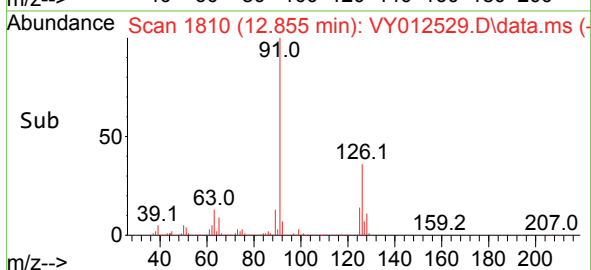
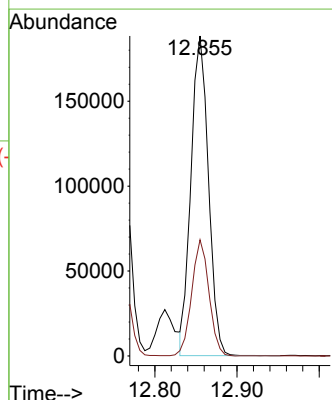
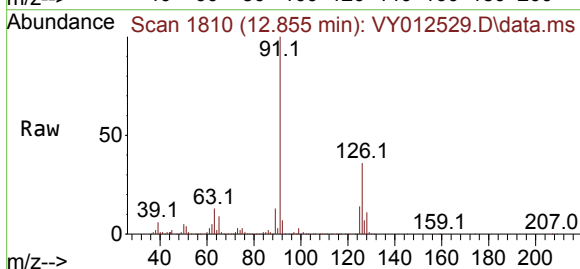
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

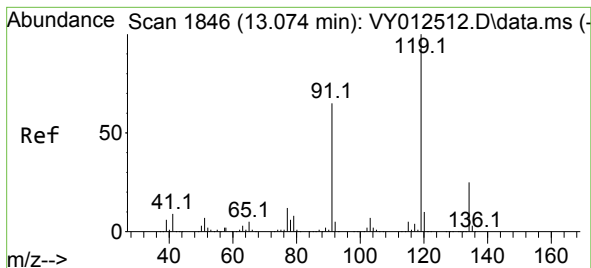
Tgt Ion: 75 Resp: 27021  
Ion Ratio Lower Upper  
75 100  
53 92.2 73.1 109.7  
89 50.1 39.9 59.9



#82  
4-Chlorotoluene  
Concen: 46.436 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion: 91 Resp: 277590  
Ion Ratio Lower Upper  
91 100  
126 35.9 18.1 54.3





#83

tert-Butylbenzene

Concen: 47.657 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

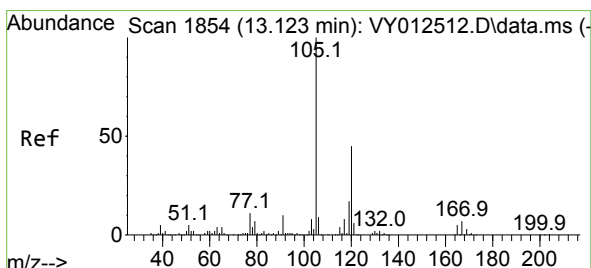
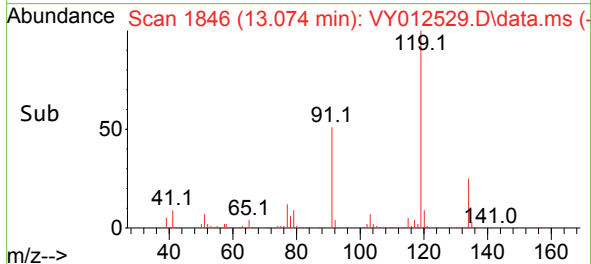
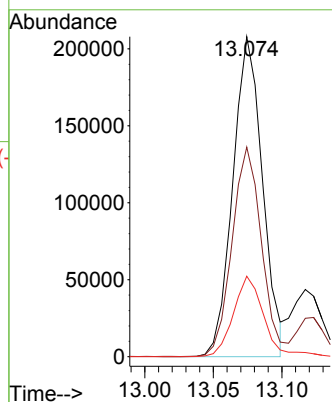
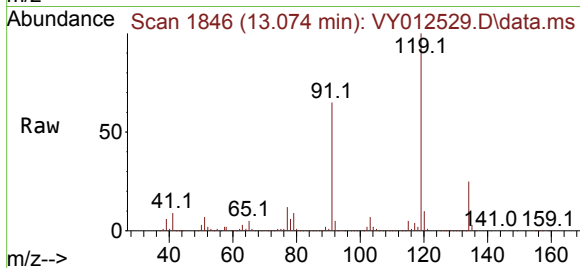
Tgt Ion:119 Resp: 313768

Ion Ratio Lower Upper

119 100

91 65.4 33.0 99.0

134 25.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 48.038 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012529.D

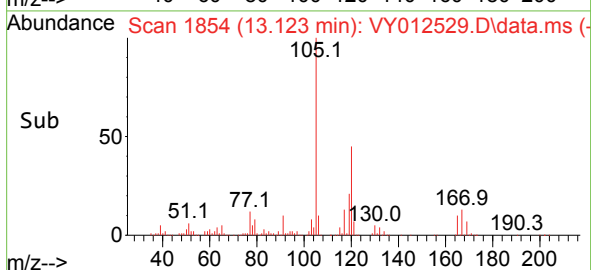
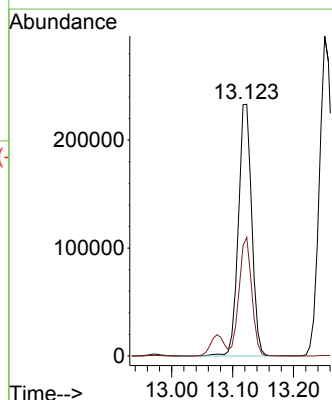
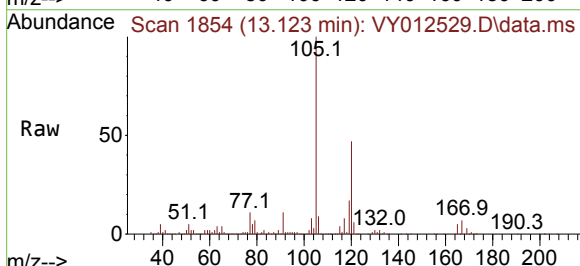
Acq: 07 Feb 2023 19:20

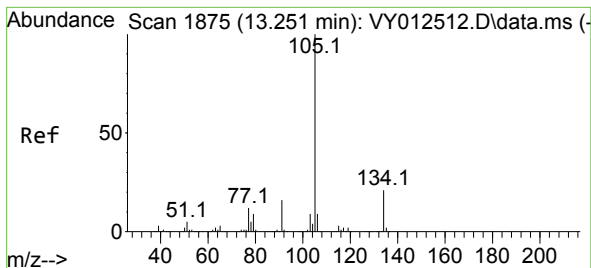
Tgt Ion:105 Resp: 354882

Ion Ratio Lower Upper

105 100

120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 47.165 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

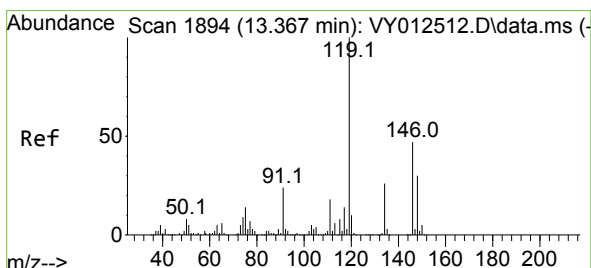
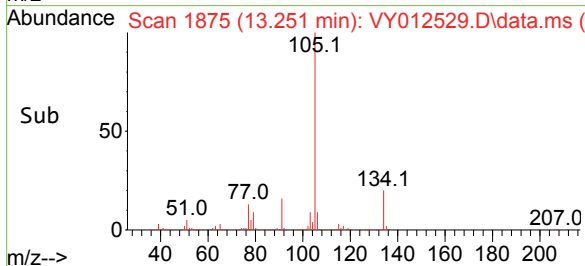
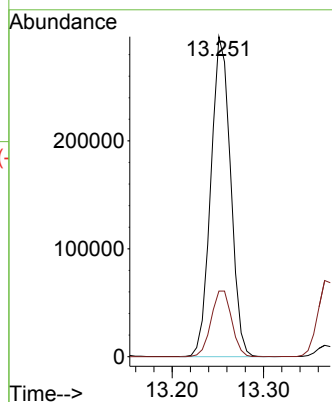
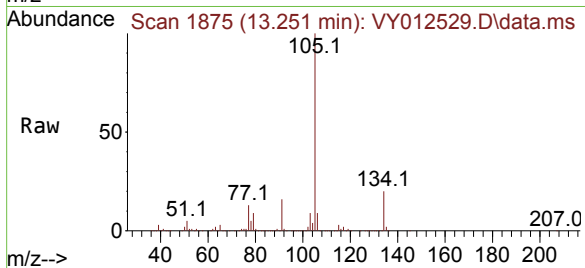
VSTDCCC050EC

Tgt Ion:105 Resp: 444239

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



#86

p-Isopropyltoluene

Concen: 47.399 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

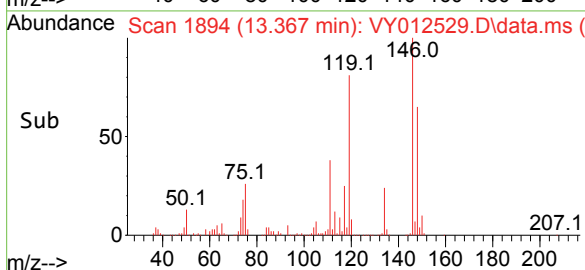
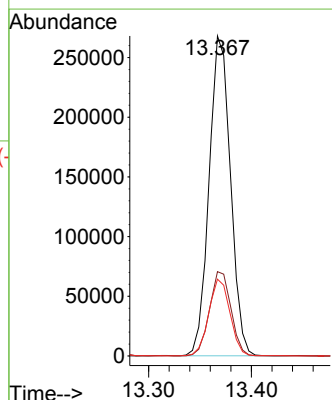
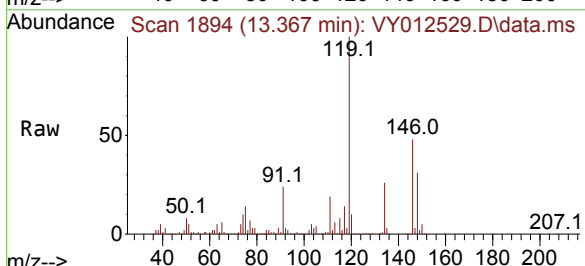
Tgt Ion:119 Resp: 387299

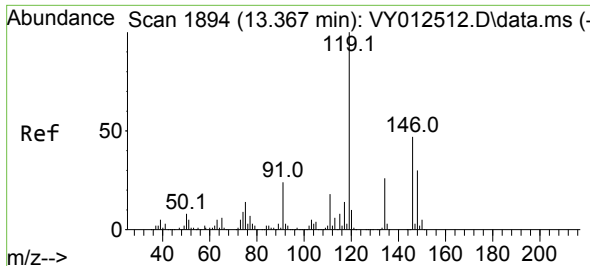
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 23.7 12.0 36.1

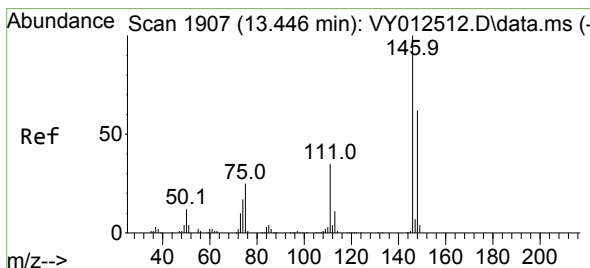
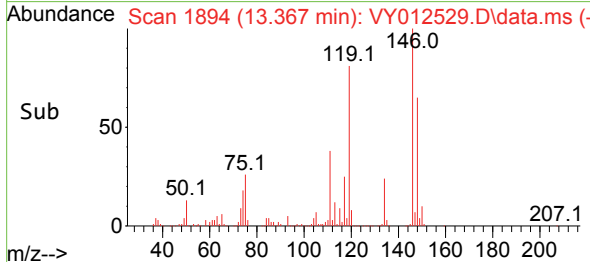
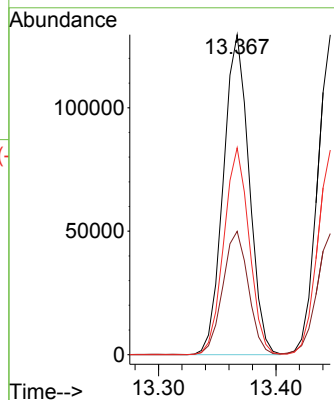
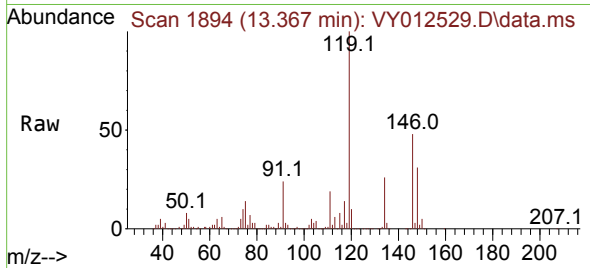




#87  
1,3-Dichlorobenzene  
Concen: 46.997 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

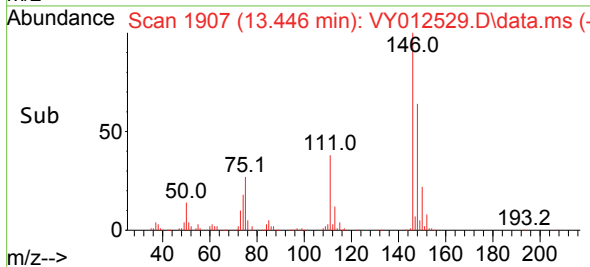
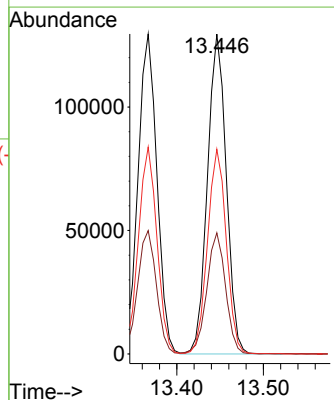
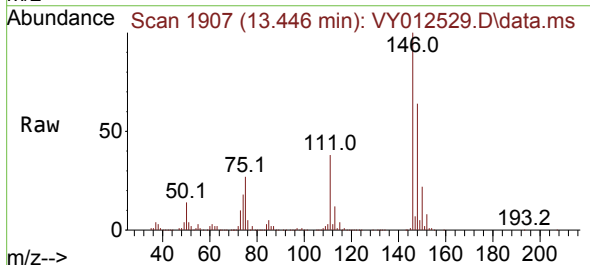
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

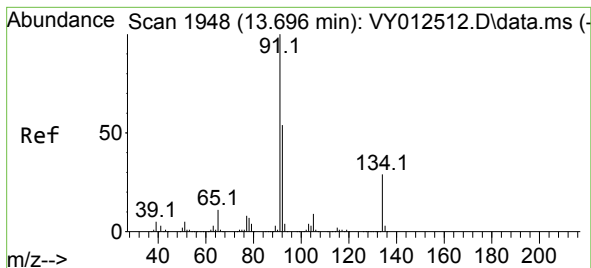
Tgt Ion:146 Resp: 197671  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.3 57.9  
148 63.5 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 46.457 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion:146 Resp: 195726  
Ion Ratio Lower Upper  
146 100  
111 37.5 18.4 55.2  
148 64.1 31.6 95.0





#89

n-Butylbenzene

Concen: 47.119 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

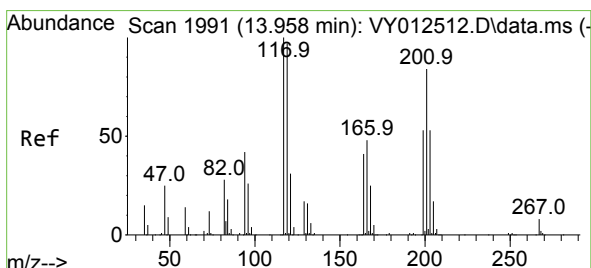
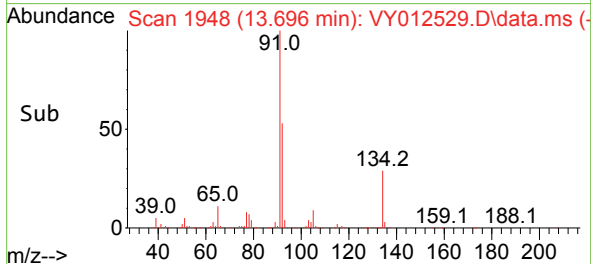
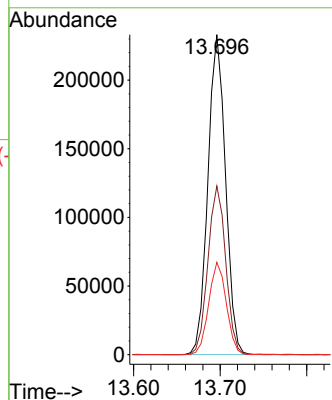
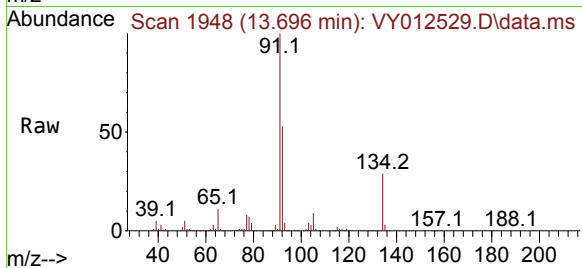
Tgt Ion: 91 Resp: 329055

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 28.9 14.5 43.5



#90

Hexachloroethane

Concen: 46.941 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012529.D

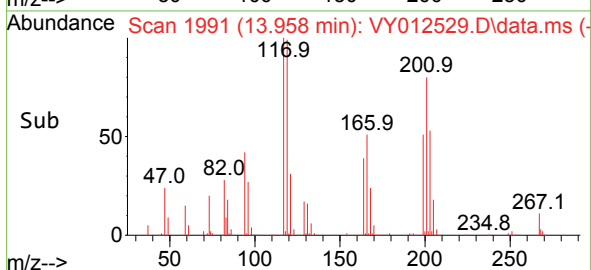
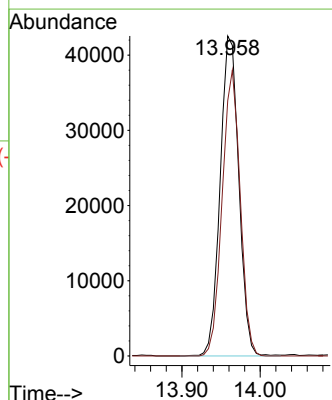
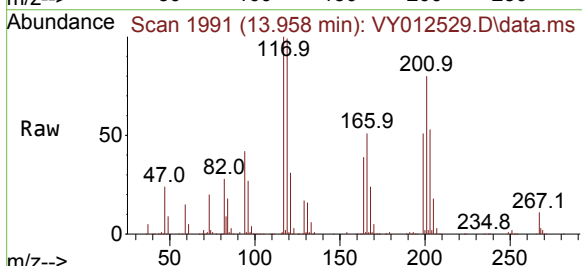
Acq: 07 Feb 2023 19:20

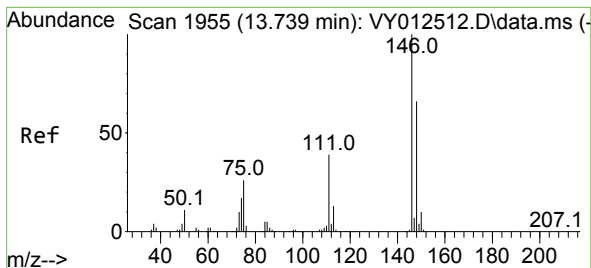
Tgt Ion: 117 Resp: 70402

Ion Ratio Lower Upper

117 100

201 86.3 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 47.404 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

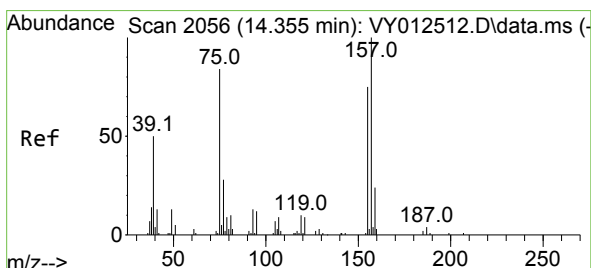
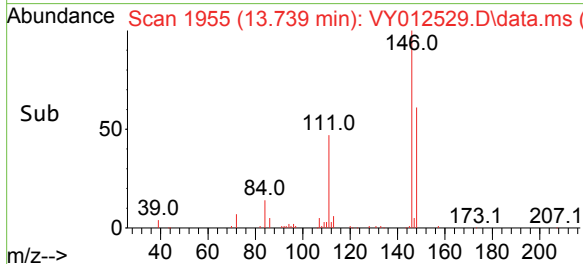
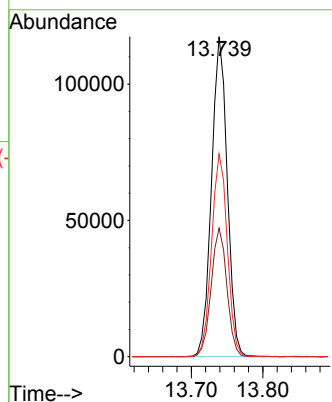
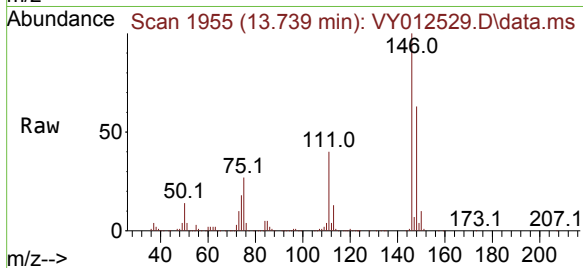
Tgt Ion:146 Resp: 179361

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.5 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.231 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

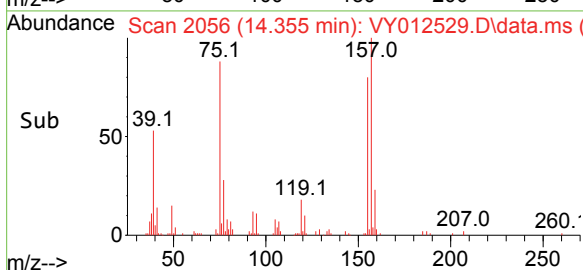
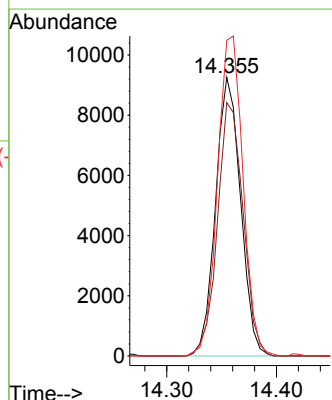
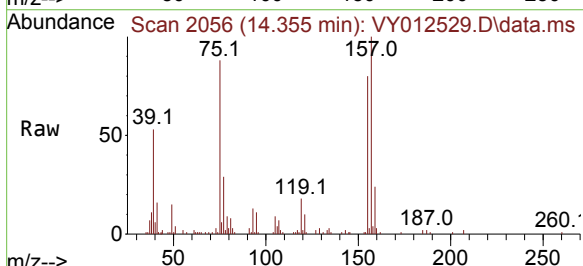
Tgt Ion: 75 Resp: 14658

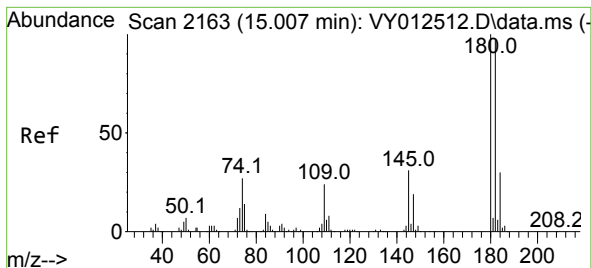
Ion Ratio Lower Upper

75 100

155 93.2 46.5 139.3

157 117.1 59.9 179.7

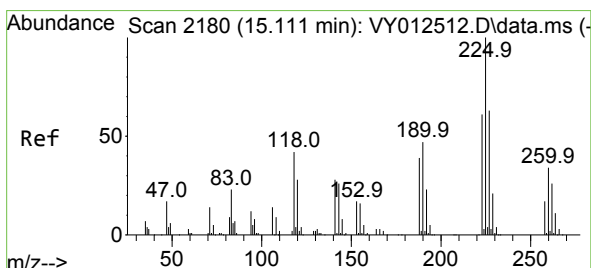
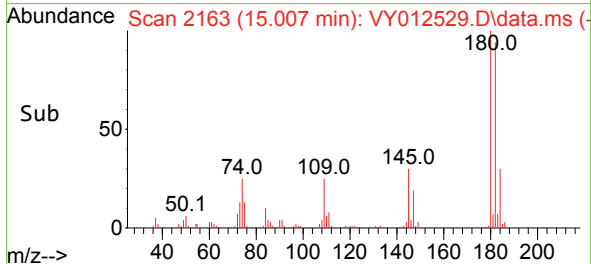
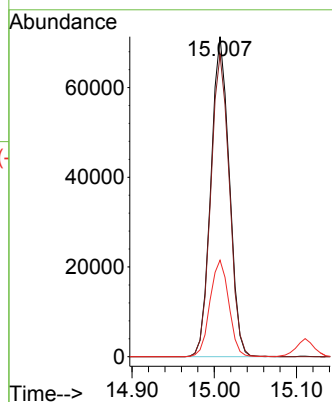
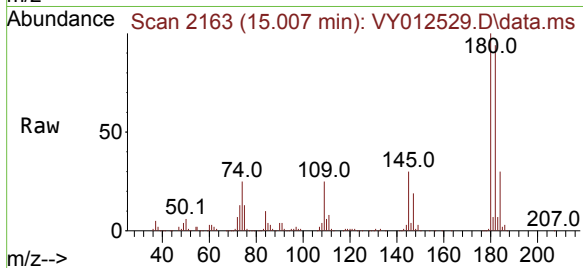




#93  
1,2,4-Trichlorobenzene  
Concen: 47.225 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

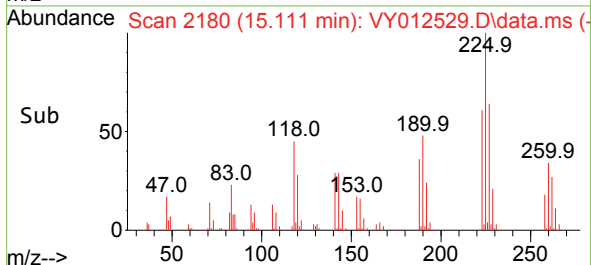
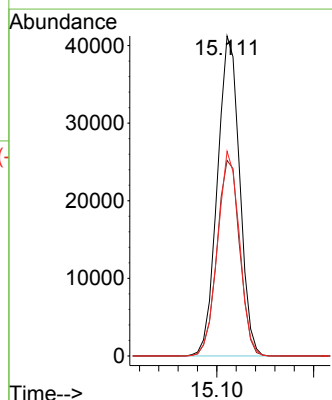
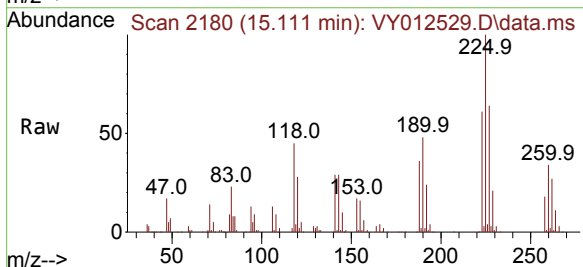
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

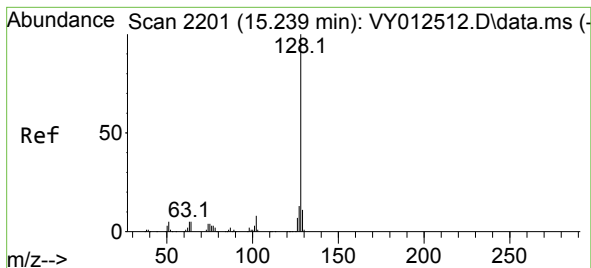
Tgt Ion:180 Resp: 110717  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.7 143.1  
145 30.9 15.4 46.4



#94  
Hexachlorobutadiene  
Concen: 45.047 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY012529.D  
Acq: 07 Feb 2023 19:20

Tgt Ion:225 Resp: 65608  
Ion Ratio Lower Upper  
225 100  
223 62.3 31.1 93.3  
227 63.2 31.9 95.5





#95

Naphthalene

Concen: 51.483 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

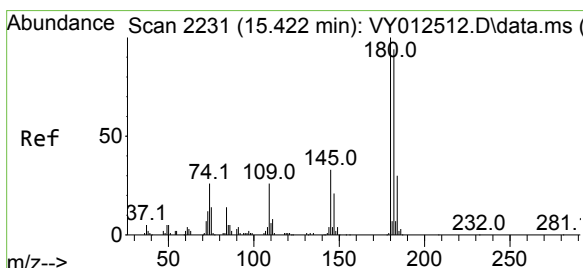
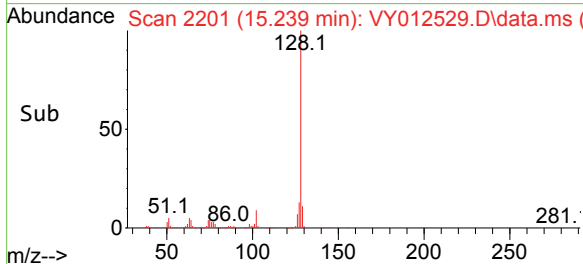
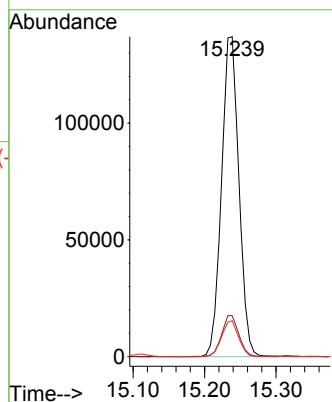
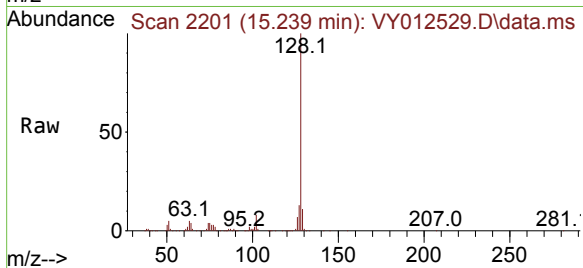
Tgt Ion:128 Resp: 231703

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.724 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012529.D

Acq: 07 Feb 2023 19:20

Tgt Ion:180 Resp: 94819

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 32.2 16.2 48.6

