

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070723\  
 Data File : VY014606.D  
 Acq On : 07 Jul 2023 19:17  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 08 03:49:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 30 19:02:11 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 309702   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 456063   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 426037   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 235016   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 154078   | 50.011   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.020% |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 147050   | 52.359   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.720% |      |
| 50) Toluene-d8              | 10.179 | 98    | 559527   | 50.398   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 100.800% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 198490   | 51.487   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 102.980% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 104494  | 46.810  | ug/l   | 100 |
| 3) Chloromethane             | 2.107 | 50  | 167960  | 46.827  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.241 | 62  | 205321  | 49.663  | ug/l   | 97  |
| 5) Bromomethane              | 2.631 | 94  | 160922  | 50.197  | ug/l   | 98  |
| 6) Chloroethane              | 2.784 | 64  | 135897  | 51.050  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 235552  | 46.912  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.521 | 74  | 92875   | 48.850  | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 146866  | 48.980  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.076 | 142 | 146499  | 42.814  | ug/l   | 93  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 125480  | 233.813 | ug/l # | 83  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 139122  | 47.893  | ug/l   | 91  |
| 13) Acrolein                 | 3.723 | 56  | 96121   | 235.192 | ug/l   | 99  |
| 14) Allyl chloride           | 4.466 | 41  | 197194  | 45.039  | ug/l   | 88  |
| 15) Acrylonitrile            | 5.155 | 53  | 250117  | 229.164 | ug/l   | 99  |
| 16) Acetone                  | 3.942 | 43  | 215756  | 224.249 | ug/l   | 90  |
| 17) Carbon Disulfide         | 4.186 | 76  | 408423  | 46.138  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.472 | 43  | 208473  | 47.599  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 395240  | 47.342  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.704 | 84  | 185365  | 53.749  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 152158  | 46.276  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.112 | 45  | 432208  | 47.907  | ug/l   | 90  |
| 23) Vinyl Acetate            | 6.051 | 43  | 1246412 | 238.794 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 266547  | 47.063  | ug/l   | 98  |
| 25) 2-Butanone               | 6.984 | 43  | 322862  | 226.632 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 189156  | 39.184  | ug/l   | 93  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 174980  | 46.913  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.332 | 49  | 121200  | 50.963  | ug/l   | 86  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 223223  | 242.924 | ug/l # | 87  |
| 30) Chloroform               | 7.502 | 83  | 282276  | 47.778  | ug/l   | 97  |
| 31) Cyclohexane              | 7.783 | 56  | 210931  | 43.640  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 234609  | 46.457  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 203874  | 47.403  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.070 | 43  | 142587  | 48.342  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 213304  | 47.509  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.179 | 83  | 241904  | 47.056  | ug/l   | 95  |
| 40) Benzene                  | 8.155 | 78  | 611524  | 46.972  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070723\  
 Data File : VY014606.D  
 Acq On : 07 Jul 2023 19:17  
 Operator : KP/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jul 08 03:49:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 30 19:02:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 198211   | 137.555 | ug/l # | 17       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 188327   | 49.215  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 240162   | 48.047  | ug/l # | 90       |
| 44) Trichloroethene           | 8.935  | 130  | 172666   | 47.573  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 162876   | 48.768  | ug/l   | 98       |
| 46) Dibromomethane            | 9.301  | 93   | 102822   | 50.570  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 223025   | 49.783  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.289  | 41   | 113589   | 49.972  | ug/l # | 80       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 35194    | 969.339 | ug/l # | 58       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 732925   | 247.673 | ug/l   | 89       |
| 52) Toluene                   | 10.240 | 92   | 389979   | 47.601  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 226503   | 47.280  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 252532   | 47.245  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 146794   | 49.617  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 201912   | 50.170  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 237990   | 49.370  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 525661   | 269.613 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 537381   | 251.390 | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.983 | 129  | 174451   | 50.322  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 144201   | 49.924  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 192539   | 50.555  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 438182   | 48.262  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 171640   | 49.739  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 744895   | 48.111  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 591545   | 96.319  | ug/l   | 94       |
| 69) o-Xylene                  | 12.026 | 106  | 281705   | 48.361  | ug/l   | 96       |
| 70) Styrene                   | 12.044 | 104  | 492673   | 49.160  | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 133051   | 50.751  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 729702   | 47.408  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 221315   | 47.642  | ug/l # | 86       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 191018   | 48.361  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 238536   | 86.494  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 201588   | 47.952  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.666 | 91   | 900412   | 47.957  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 516553   | 47.806  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 626065   | 48.047  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 61819    | 43.630  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 534899   | 47.253  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 540047   | 47.159  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 626720   | 48.200  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 805140   | 47.645  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 680526   | 47.853  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 388953   | 47.320  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 386223   | 46.886  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 629329   | 47.885  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 137032   | 48.645  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 356179   | 47.839  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 34985    | 48.379  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 234013   | 48.662  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 145777   | 49.322  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 501128   | 48.980  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 220519   | 50.327  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070723\  
Data File : VY014606.D  
Acq On : 07 Jul 2023 19:17  
Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jul 08 03:49:11 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 30 19:02:11 2023  
Response via : Initial Calibration

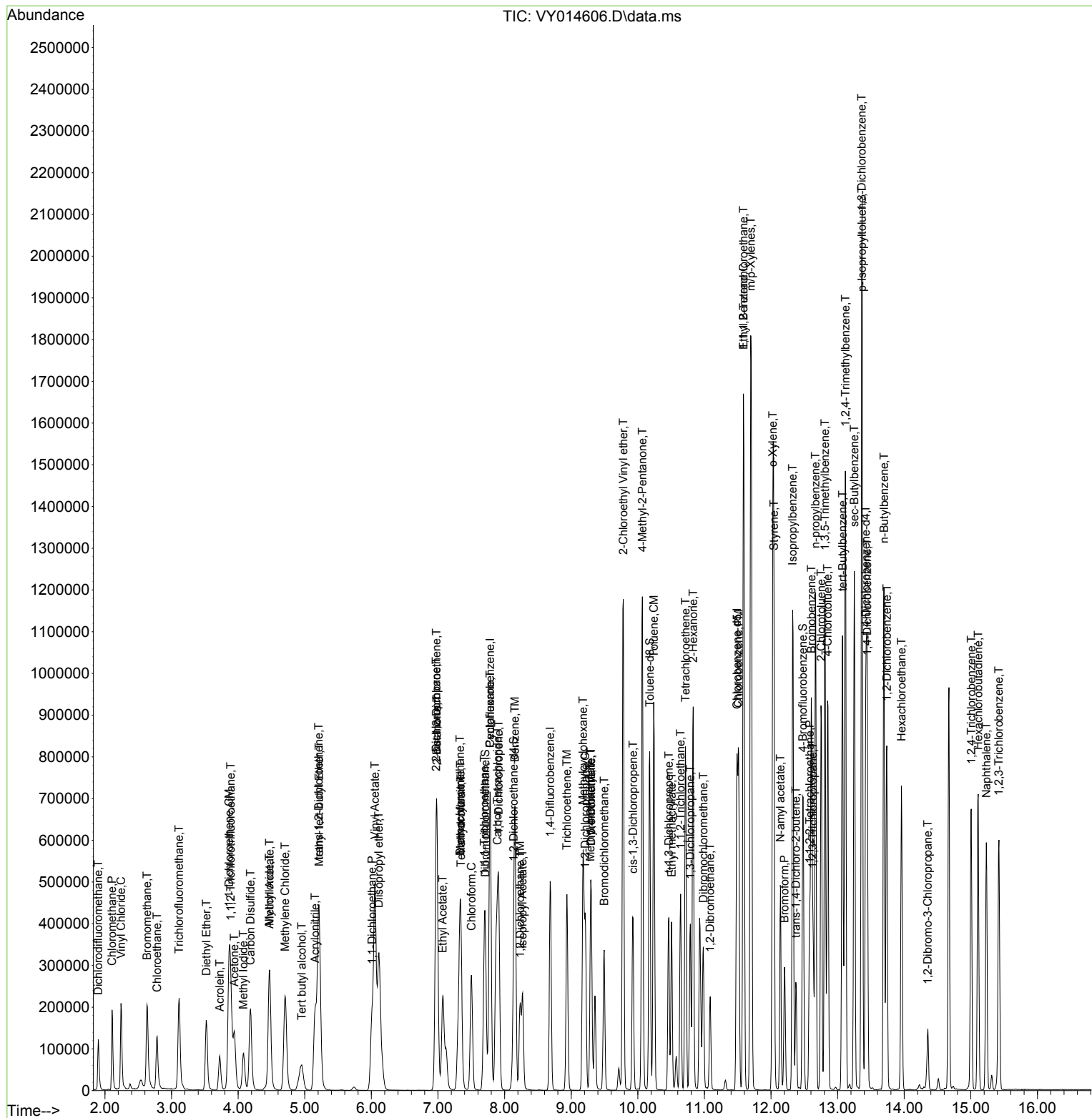
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

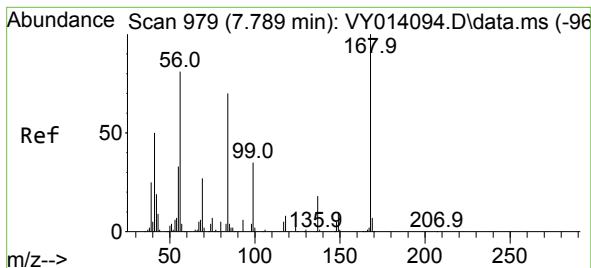
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070723\  
 Data File : VY014606.D  
 Acq On : 07 Jul 2023 19:17  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 08 03:49:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 30 19:02:11 2023  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

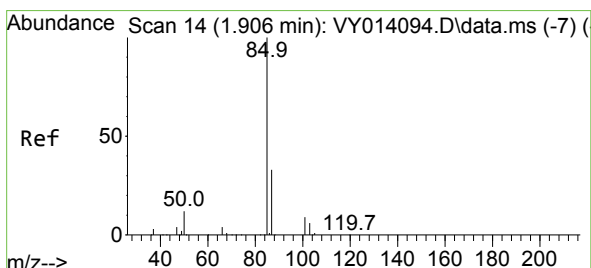
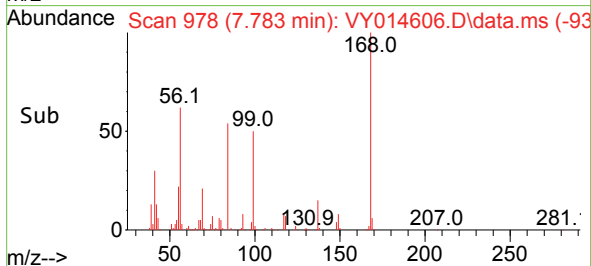
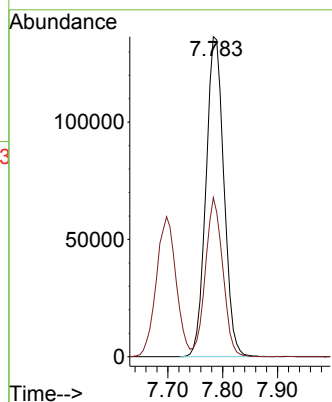
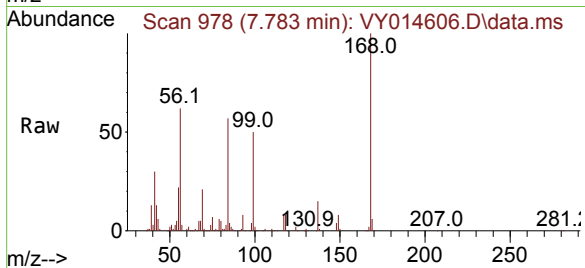
VSTDCCC050EC

Tgt Ion:168 Resp: 309702

Ion Ratio Lower Upper

168 100

99 49.6 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 46.810 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY014606.D

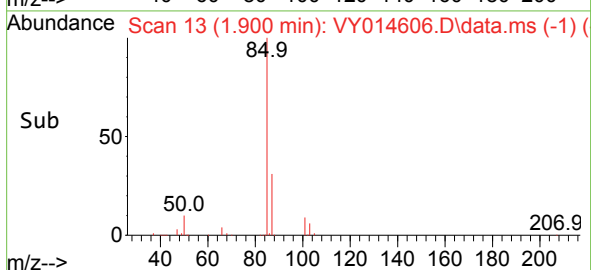
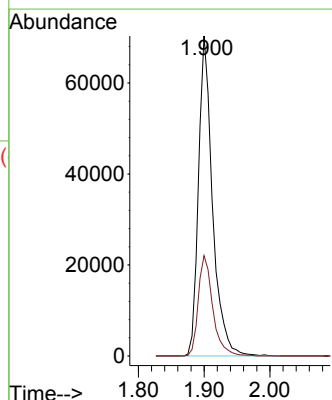
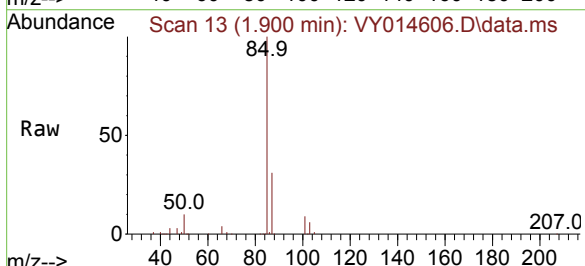
Acq: 07 Jul 2023 19:17

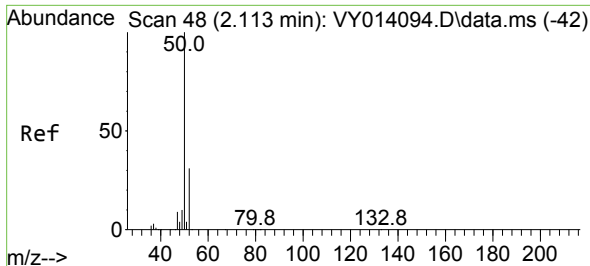
Tgt Ion: 85 Resp: 104494

Ion Ratio Lower Upper

85 100

87 31.4 15.6 46.8

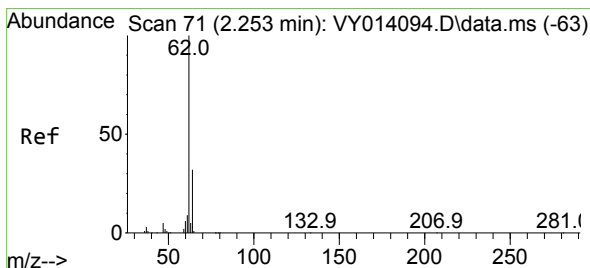
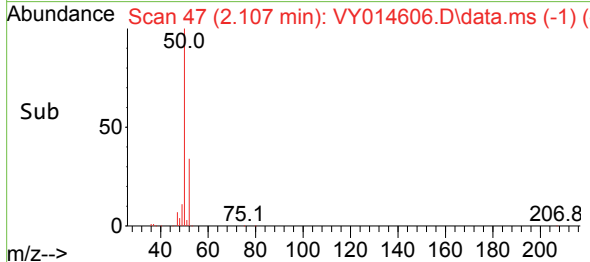
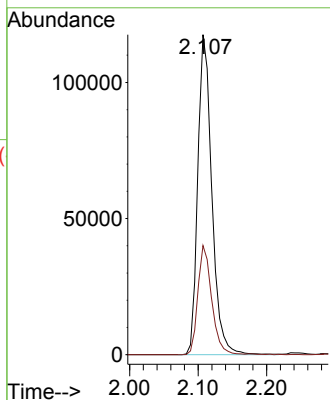
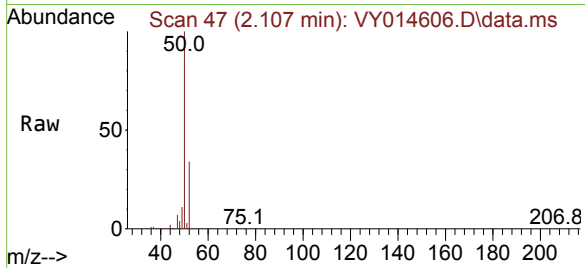




#3  
Chloromethane  
Concen: 46.827 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

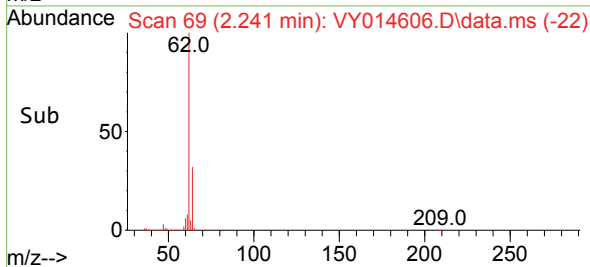
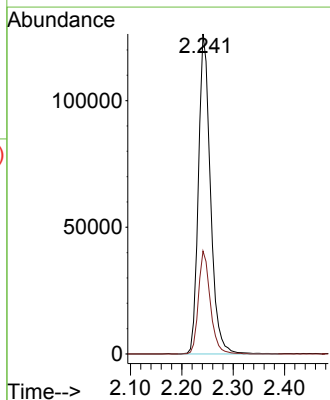
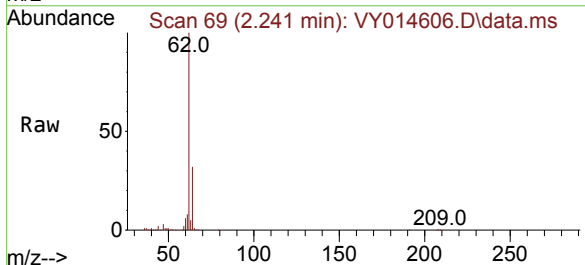
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

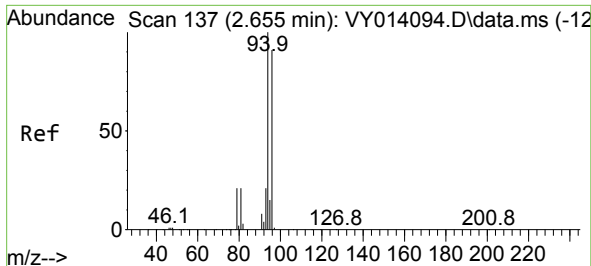
Tgt Ion: 50 Resp: 167960  
Ion Ratio Lower Upper  
50 100  
52 34.1 25.4 38.2



#4  
Vinyl Chloride  
Concen: 49.663 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 62 Resp: 205321  
Ion Ratio Lower Upper  
62 100  
64 32.1 24.3 36.5

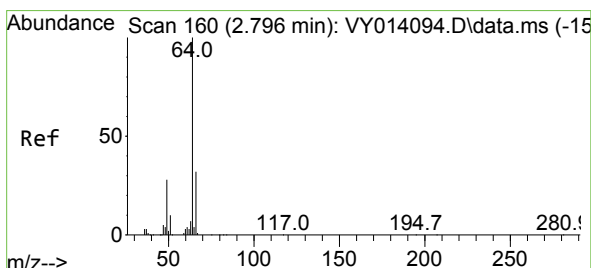
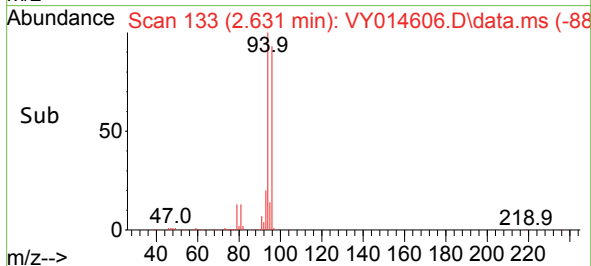
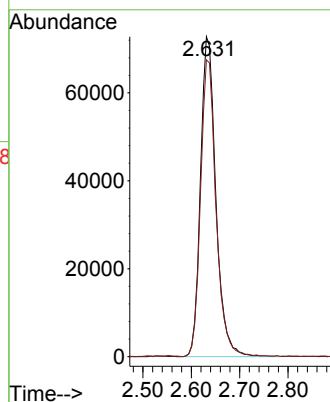
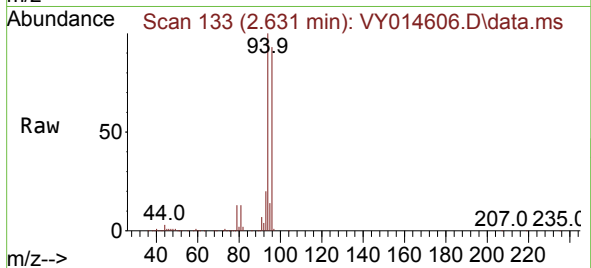




#5  
Bromomethane  
Concen: 50.197 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

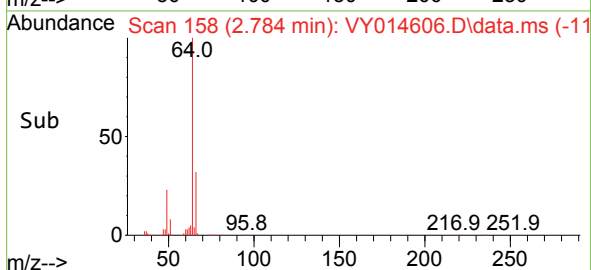
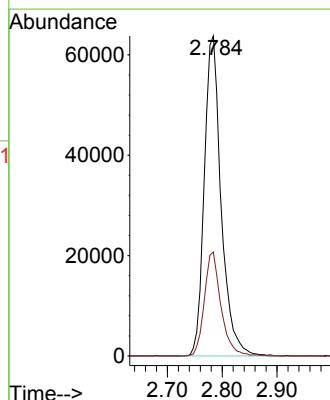
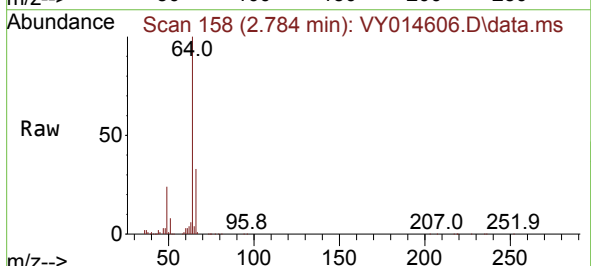
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

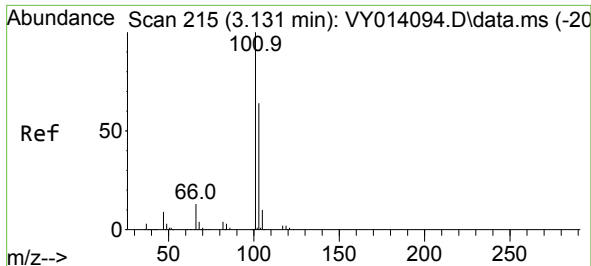
Tgt Ion: 94 Resp: 160922  
Ion Ratio Lower Upper  
94 100  
96 92.7 75.8 113.6



#6  
Chloroethane  
Concen: 51.050 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 64 Resp: 135897  
Ion Ratio Lower Upper  
64 100  
66 32.5 24.4 36.6

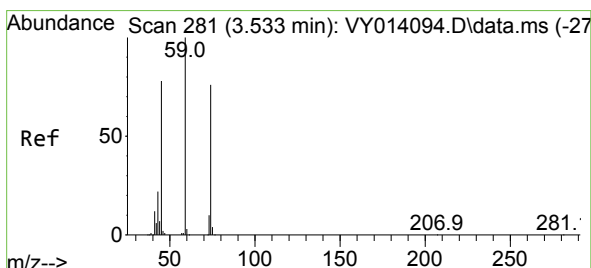
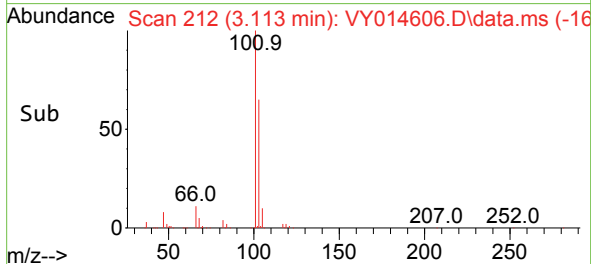
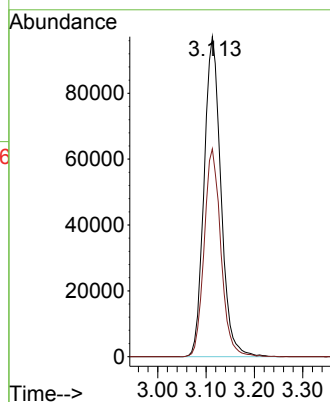
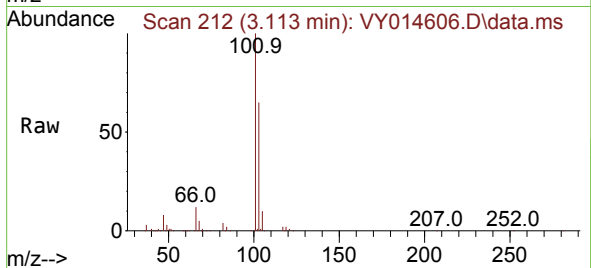




#7  
 Trichlorofluoromethane  
 Concen: 46.912 ug/l  
 RT: 3.113 min Scan# 215  
 Delta R.T. -0.018 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

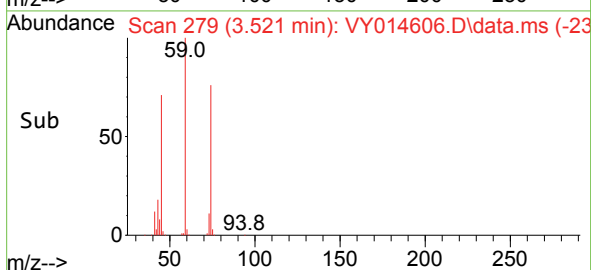
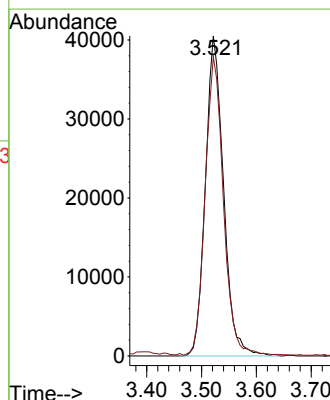
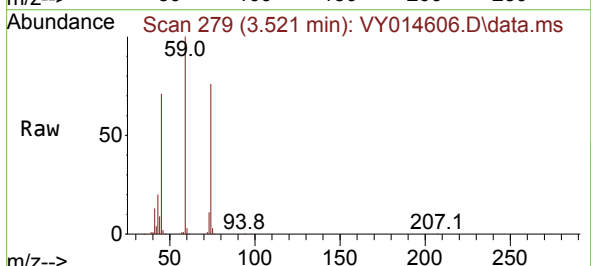
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

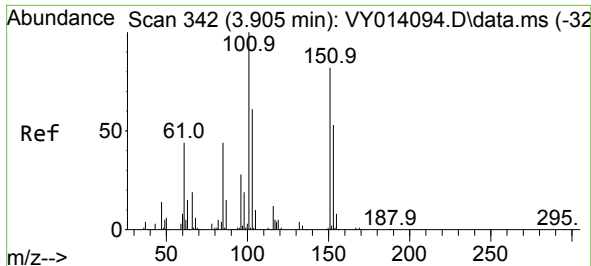
Tgt Ion:101 Resp: 235552  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 48.850 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. -0.012 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

Tgt Ion: 74 Resp: 92875  
 Ion Ratio Lower Upper  
 74 100  
 45 93.4 51.5 154.5

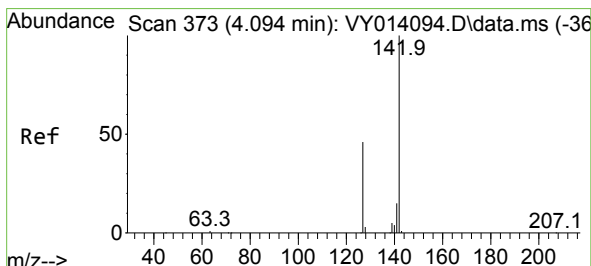
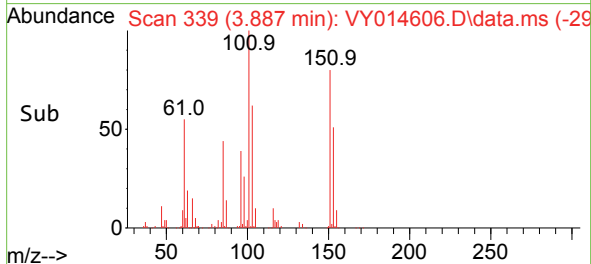
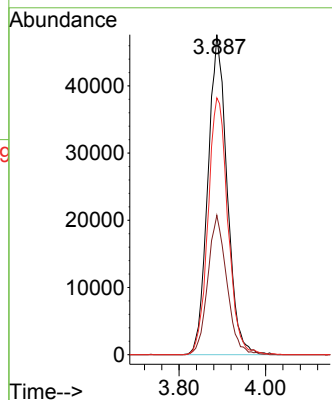
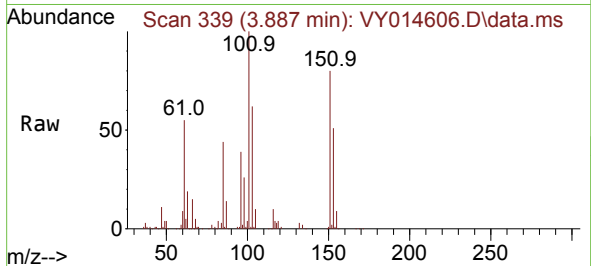




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.980 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

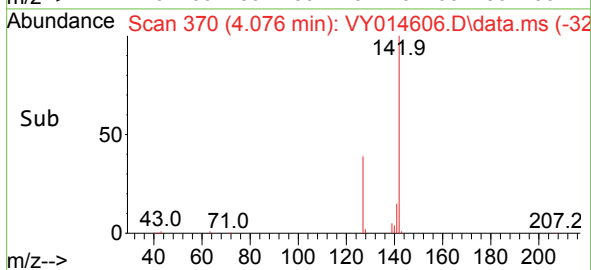
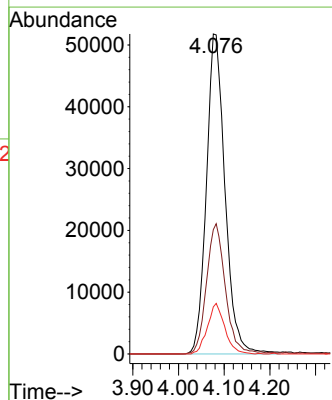
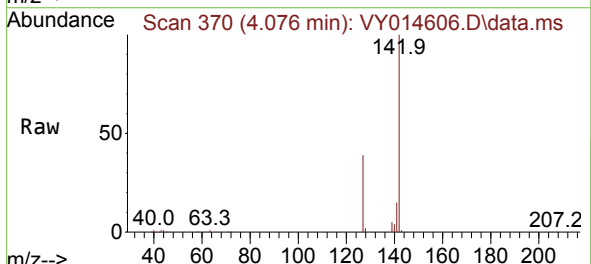
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

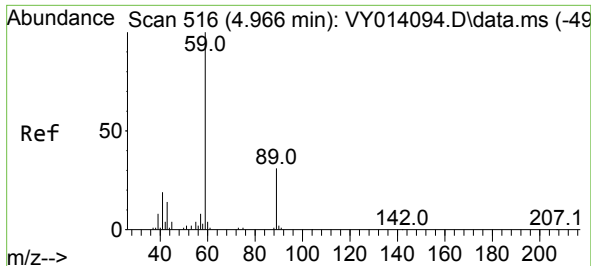
Tgt Ion:101 Resp: 146866  
Ion Ratio Lower Upper  
101 100  
85 43.1 36.6 55.0  
151 82.8 67.0 100.6



#10  
Methyl Iodide  
Concen: 42.814 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.018 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion:142 Resp: 146499  
Ion Ratio Lower Upper  
142 100  
127 41.3 37.6 56.4  
141 14.8 11.8 17.8

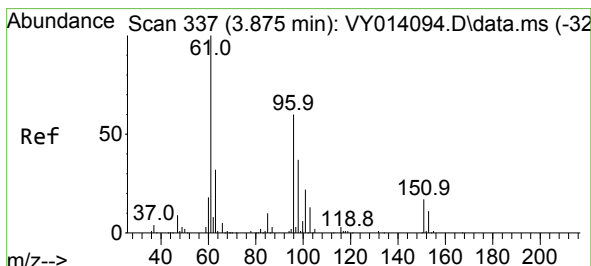
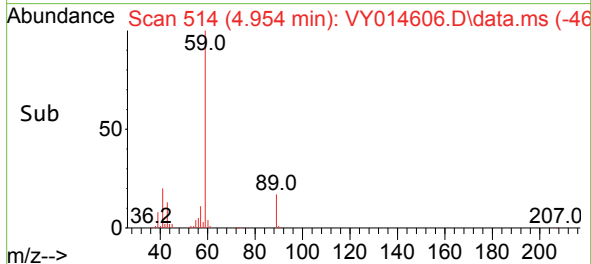
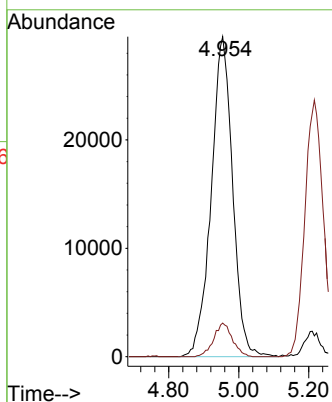
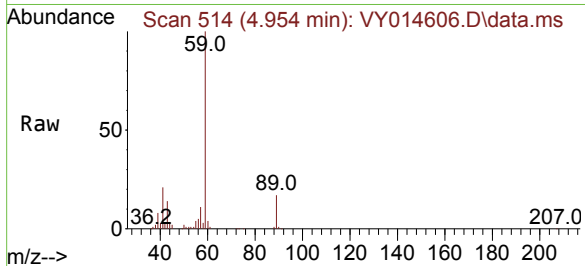




#11  
Tert butyl alcohol  
Concen: 233.813 ug/l  
RT: 4.954 min Scan# 516  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

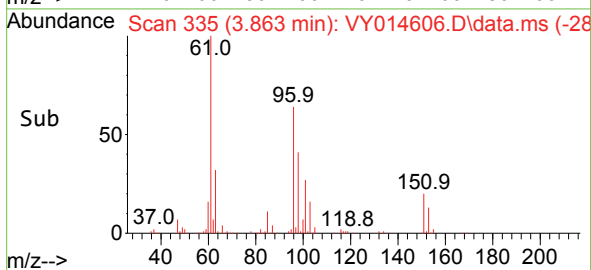
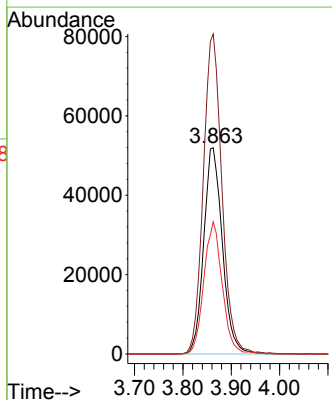
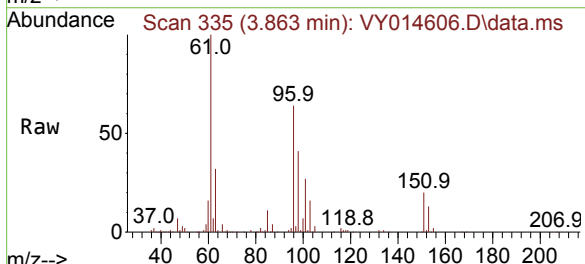
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

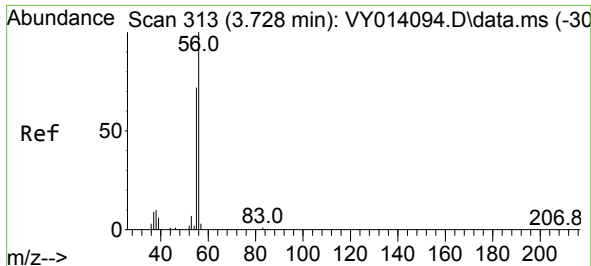
Tgt Ion: 59 Resp: 125480  
Ion Ratio Lower Upper  
59 100  
57 9.2 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 47.893 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 96 Resp: 139122  
Ion Ratio Lower Upper  
96 100  
61 155.1 136.4 204.6  
98 64.1 49.4 74.2

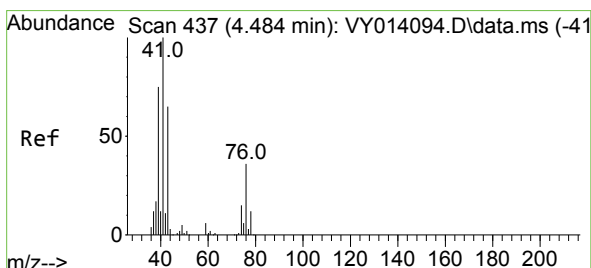
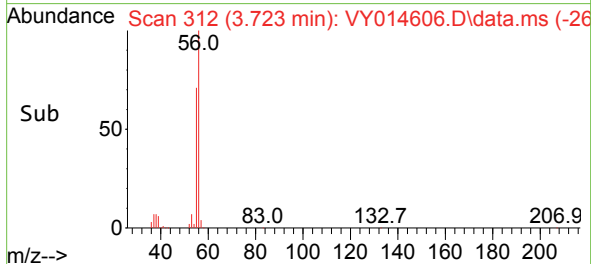
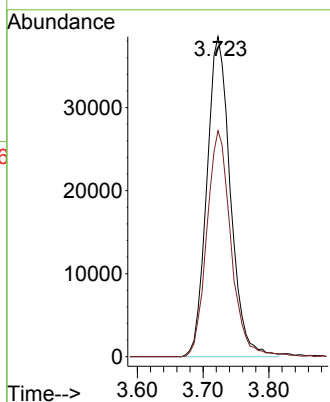
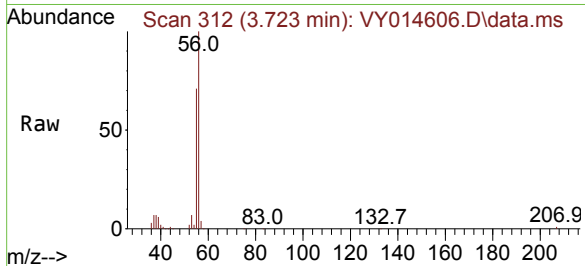




#13  
Acrolein  
Concen: 235.192 ug/l  
RT: 3.723 min Scan# 313  
Delta R.T. -0.005 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

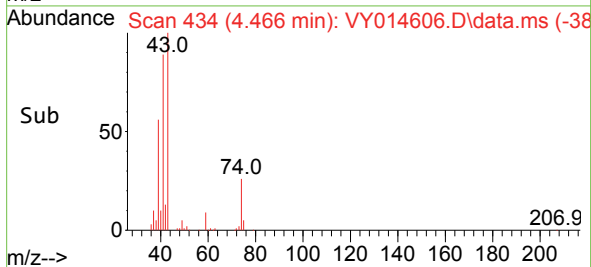
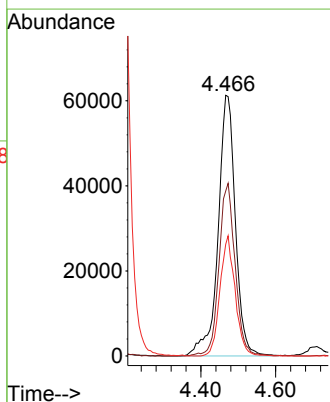
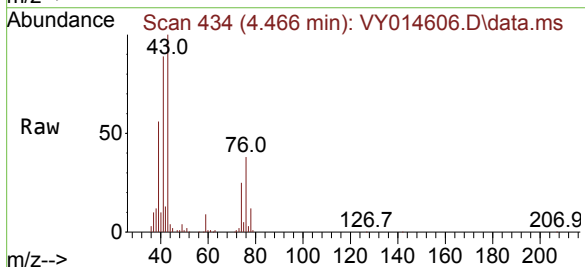
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

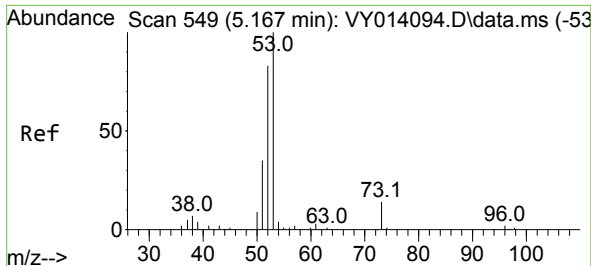
Tgt Ion: 56 Resp: 96121  
Ion Ratio Lower Upper  
56 100  
55 72.4 57.0 85.4



#14  
Allyl chloride  
Concen: 45.039 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.018 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 41 Resp: 197194  
Ion Ratio Lower Upper  
41 100  
39 62.1 58.0 87.0  
76 40.4 27.4 41.2

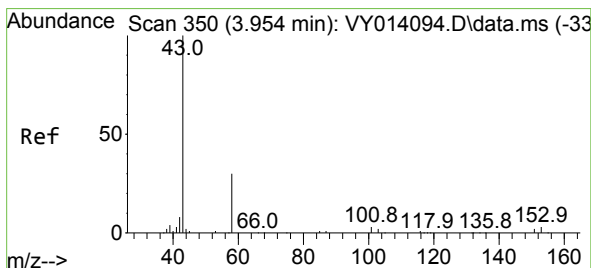
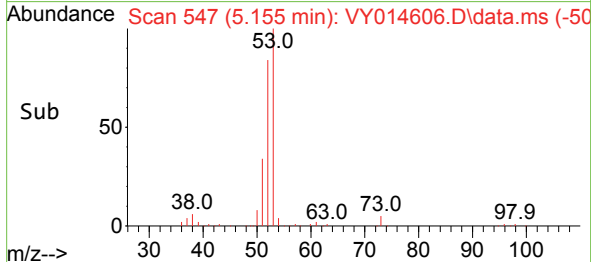
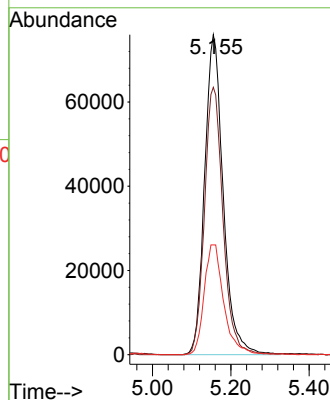
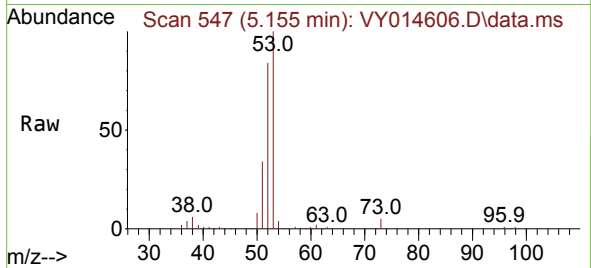




#15  
Acrylonitrile  
Concen: 229.164 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

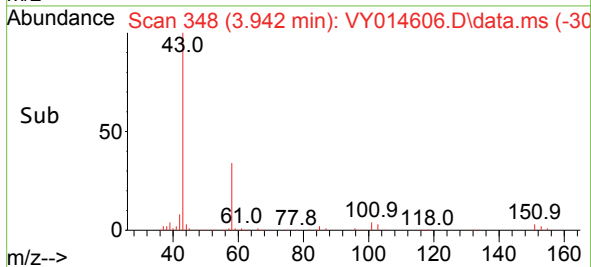
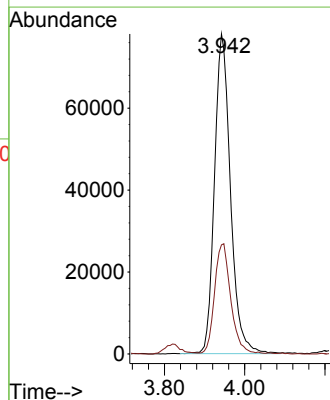
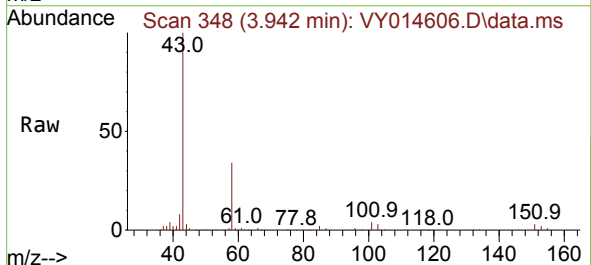
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

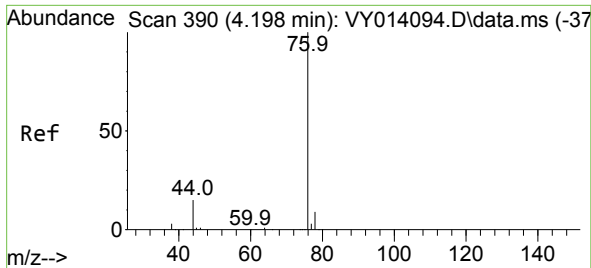
Tgt Ion: 53 Resp: 250117  
Ion Ratio Lower Upper  
53 100  
52 83.4 66.9 100.3  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 224.249 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 43 Resp: 215756  
Ion Ratio Lower Upper  
43 100  
58 33.9 22.7 34.1

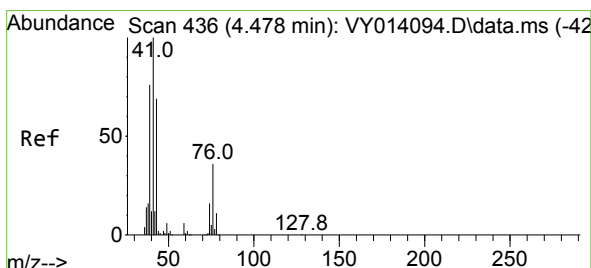
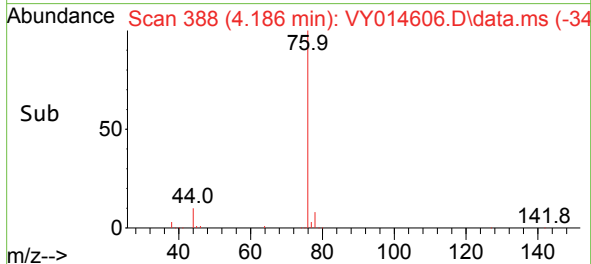
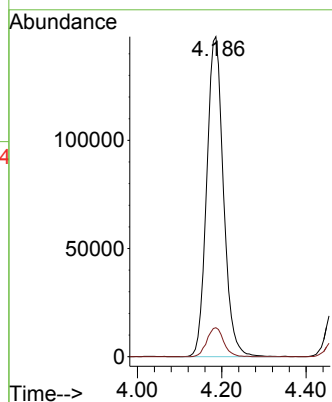
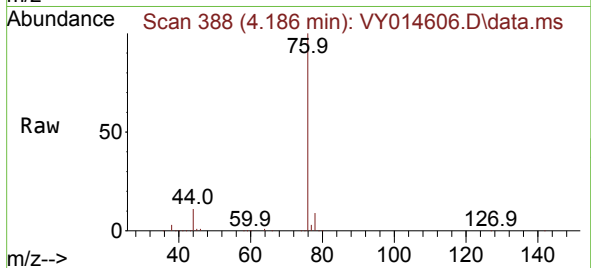




#17  
Carbon Disulfide  
Concen: 46.138 ug/l  
RT: 4.186 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

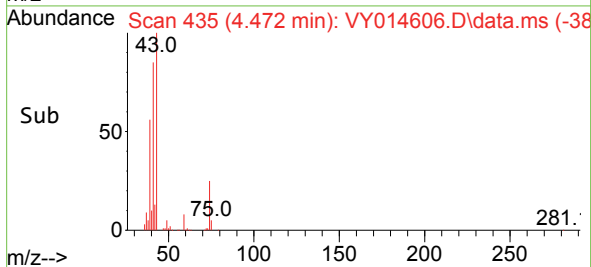
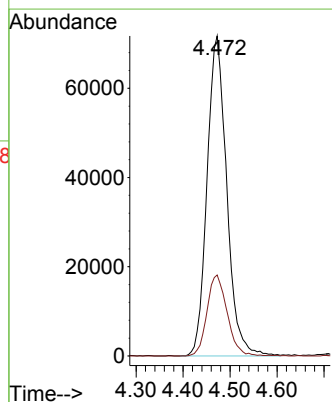
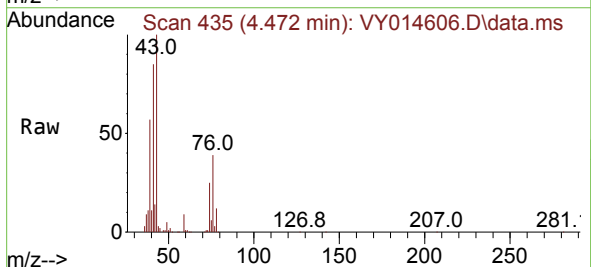
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

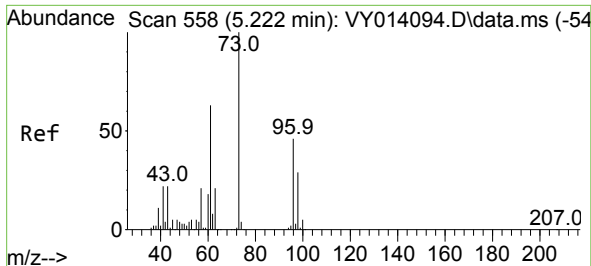
Tgt Ion: 76 Resp: 408423  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.4



#18  
Methyl Acetate  
Concen: 47.599 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 43 Resp: 208473  
Ion Ratio Lower Upper  
43 100  
74 25.9 17.4 26.0

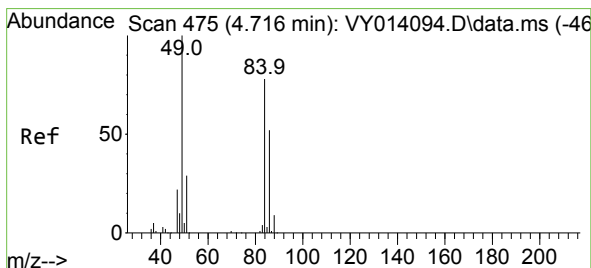
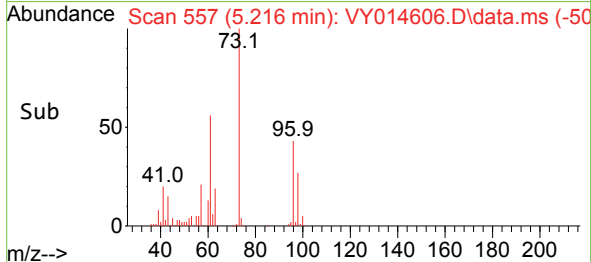
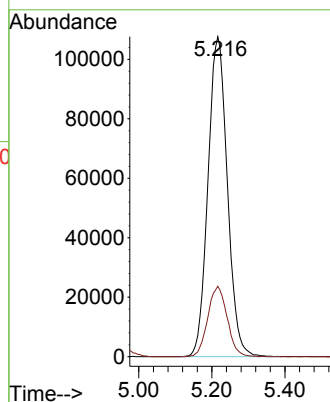
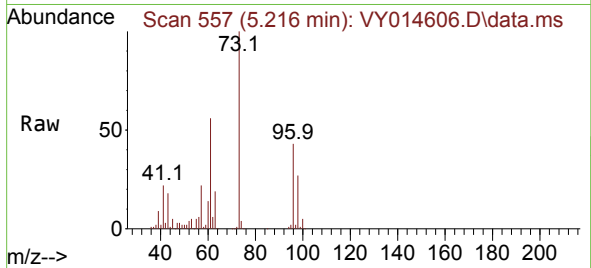




#19  
Methyl tert-butyl Ether  
Concen: 47.342 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

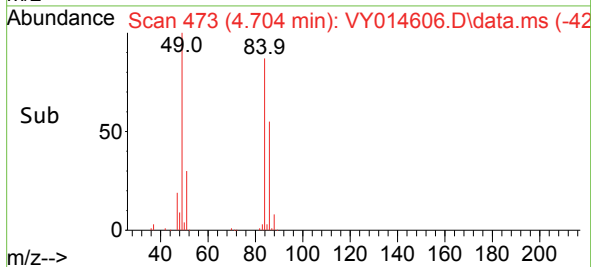
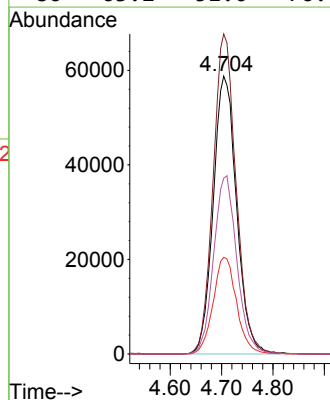
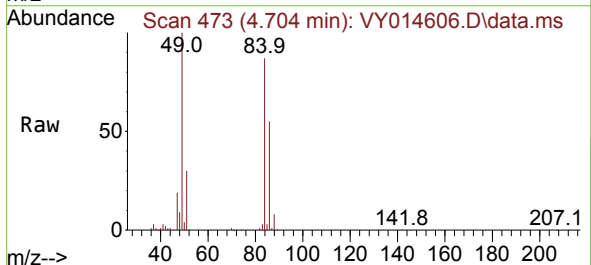
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

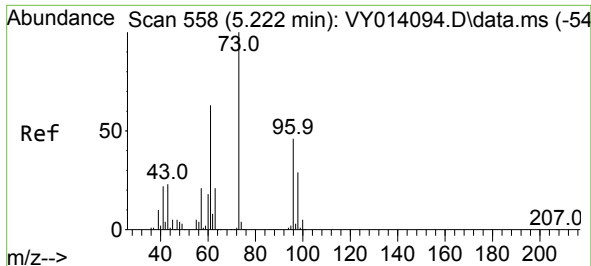
Tgt Ion: 73 Resp: 395240  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 53.749 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 84 Resp: 185365  
Ion Ratio Lower Upper  
84 100  
49 115.2 106.9 160.3  
51 34.8 33.2 49.8  
86 63.2 51.0 76.6

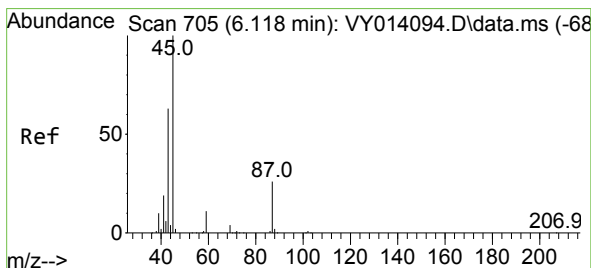
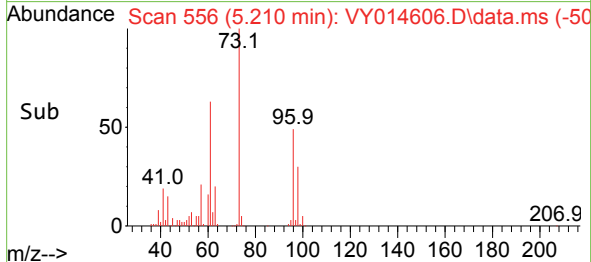
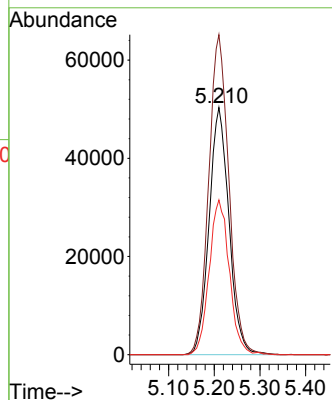
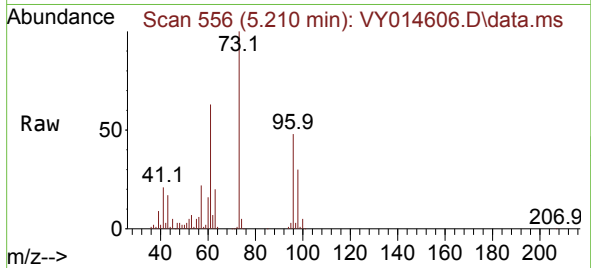




#21  
trans-1,2-Dichloroethene  
Concen: 46.276 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

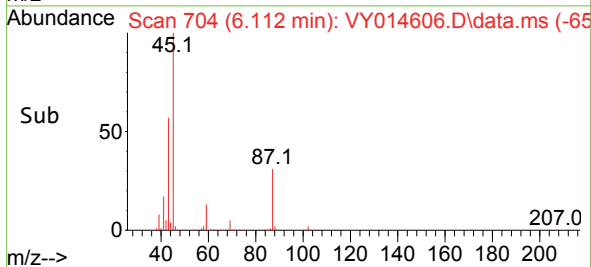
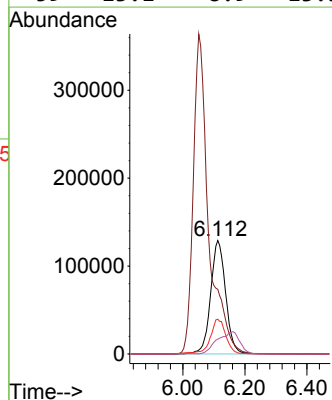
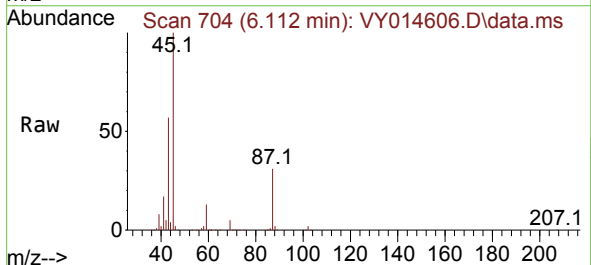
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

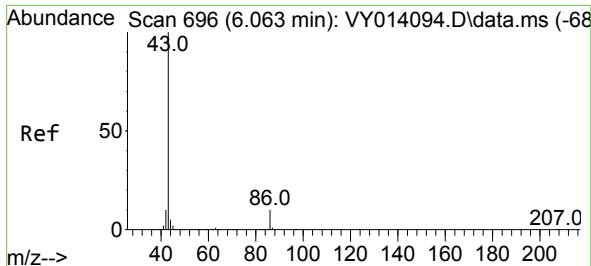
Tgt Ion: 96 Resp: 152158  
Ion Ratio Lower Upper  
96 100  
61 129.4 110.2 165.4  
98 62.6 51.8 77.6



#22  
Diisopropyl ether  
Concen: 47.907 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 45 Resp: 432208  
Ion Ratio Lower Upper  
45 100  
43 56.9 52.2 78.4  
87 30.7 21.0 31.6  
59 13.1 8.9 13.3

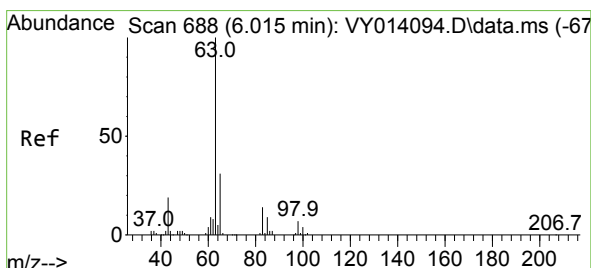
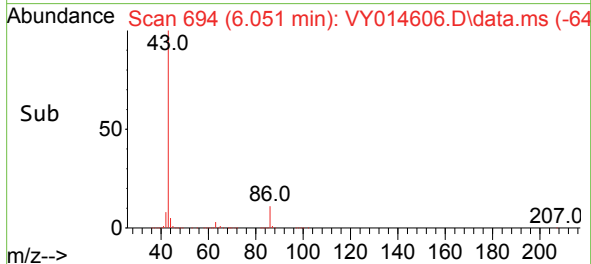
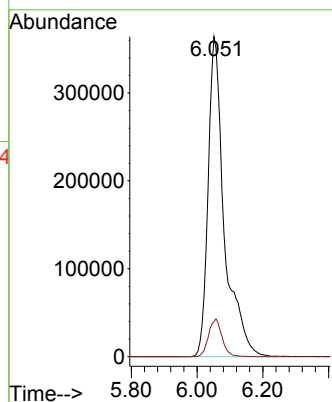
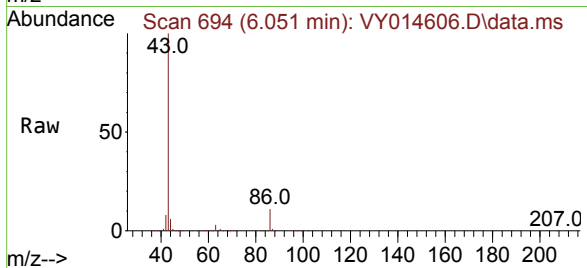




#23  
 Vinyl Acetate  
 Concen: 238.794 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. -0.012 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

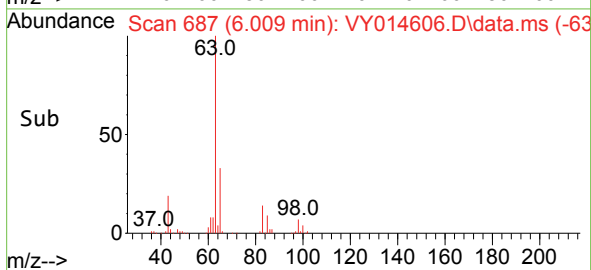
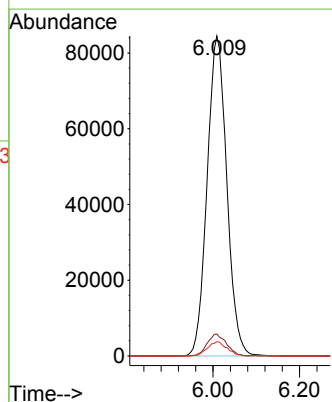
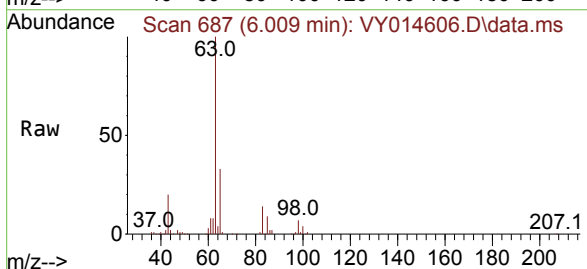
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

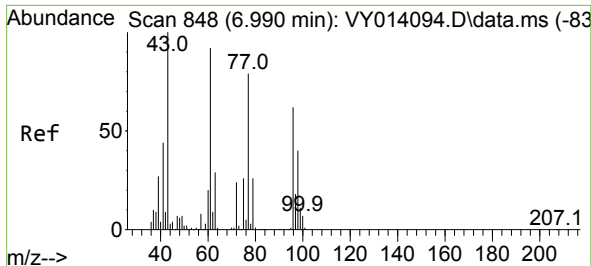
Tgt Ion: 43 Resp: 1246412  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 47.063 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

Tgt Ion: 63 Resp: 266547  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.1 9.4  
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 226.632 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

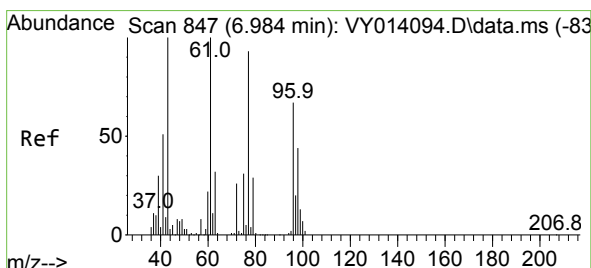
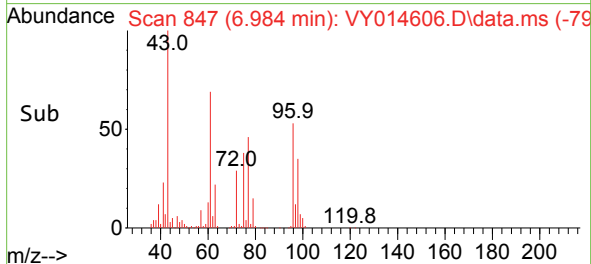
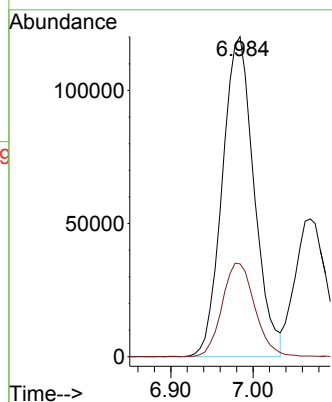
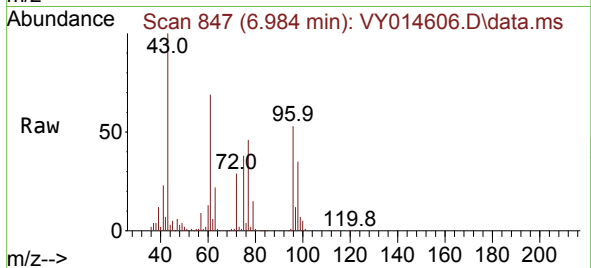
VSTDCCC050EC

Tgt Ion: 43 Resp: 322862

Ion Ratio Lower Upper

43 100

72 29.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 39.184 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014606.D

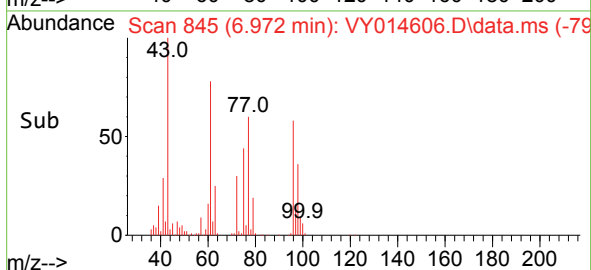
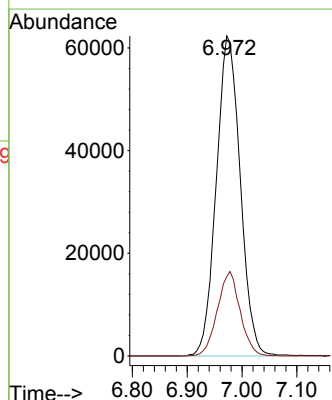
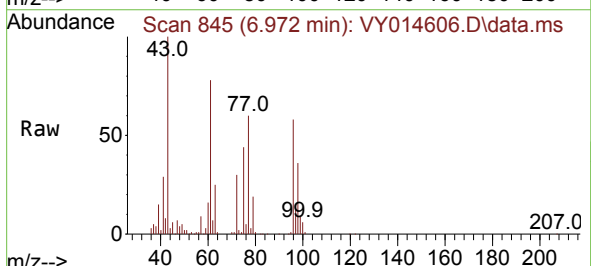
Acq: 07 Jul 2023 19:17

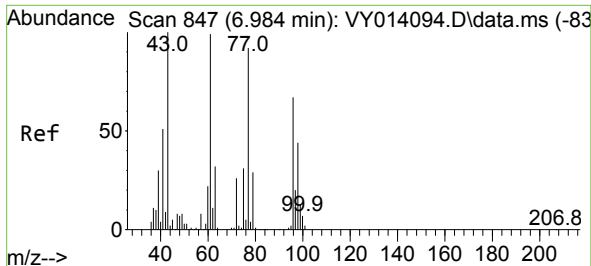
Tgt Ion: 77 Resp: 189156

Ion Ratio Lower Upper

77 100

97 25.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.913 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

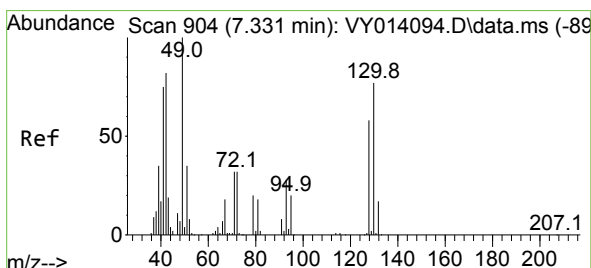
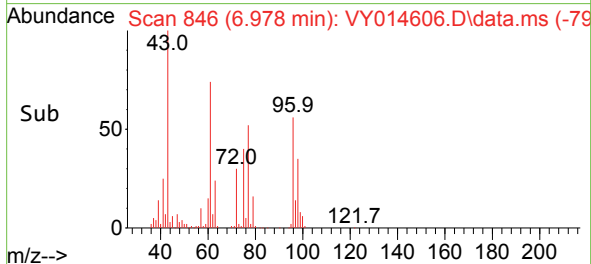
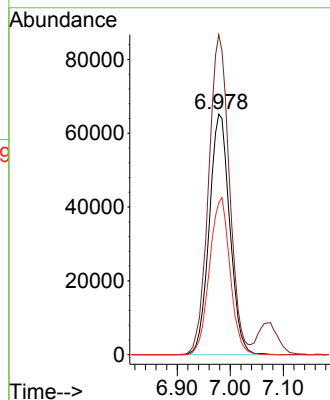
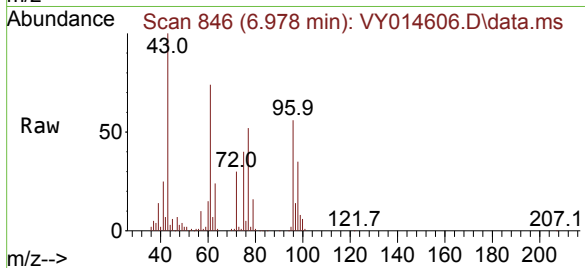
Tgt Ion: 96 Resp: 174980

Ion Ratio Lower Upper

96 100

61 135.2 0.0 301.4

98 65.3 0.0 130.4



#28

Bromochloromethane

Concen: 50.963 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

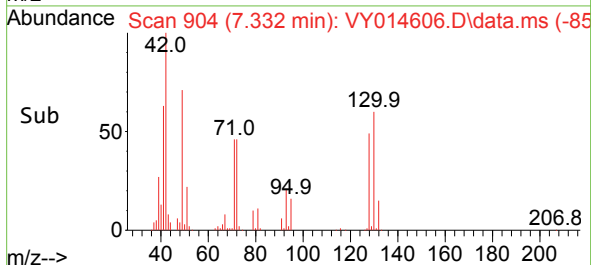
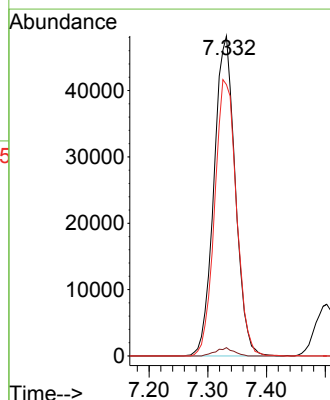
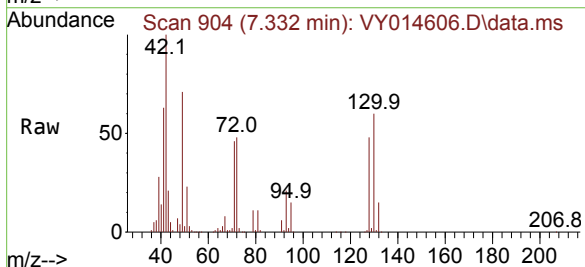
Tgt Ion: 49 Resp: 121200

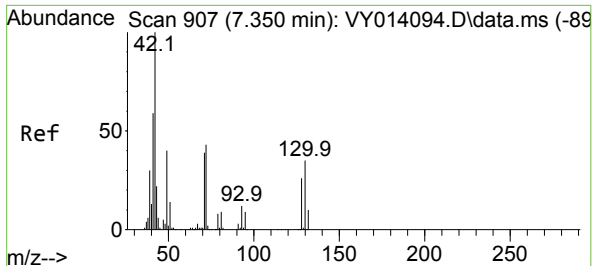
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 88.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 242.924 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

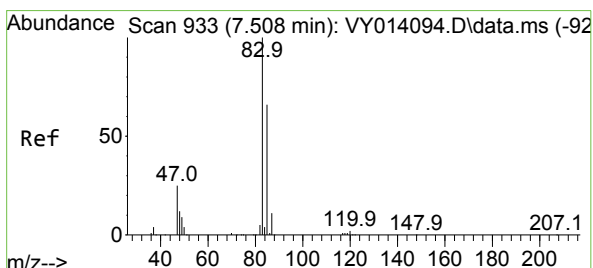
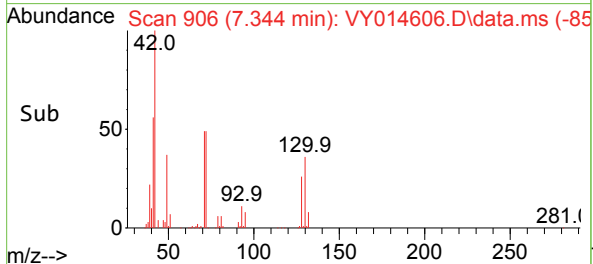
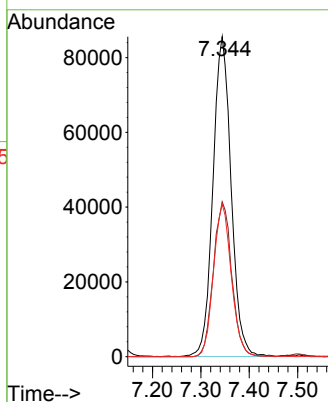
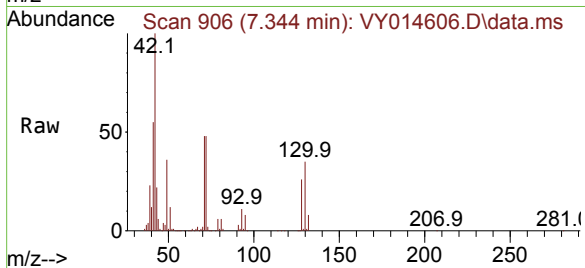
Tgt Ion: 42 Resp: 223223

Ion Ratio Lower Upper

42 100

72 49.0 32.8 49.2

71 46.9 31.0 46.4#



#30

Chloroform

Concen: 47.778 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014606.D

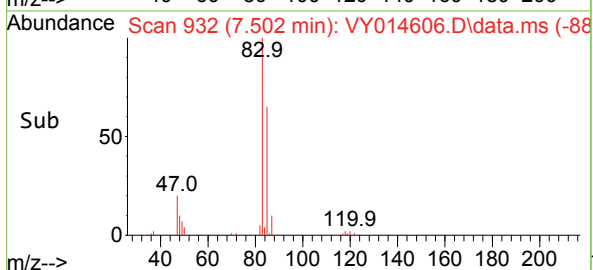
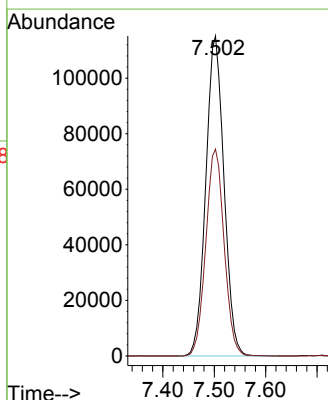
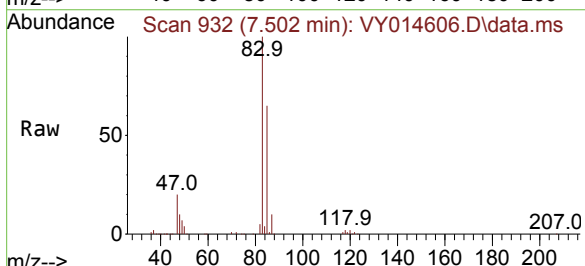
Acq: 07 Jul 2023 19:17

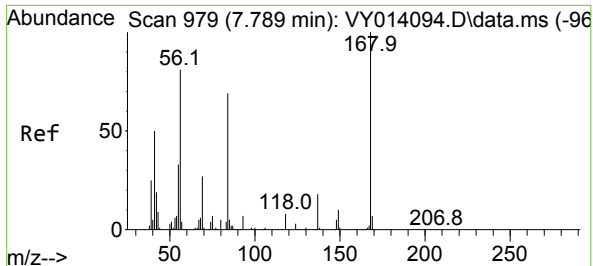
Tgt Ion: 83 Resp: 282276

Ion Ratio Lower Upper

83 100

85 64.7 49.7 74.5

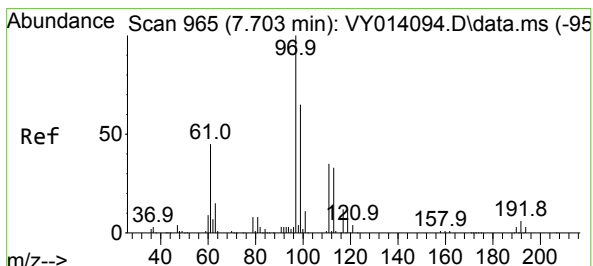
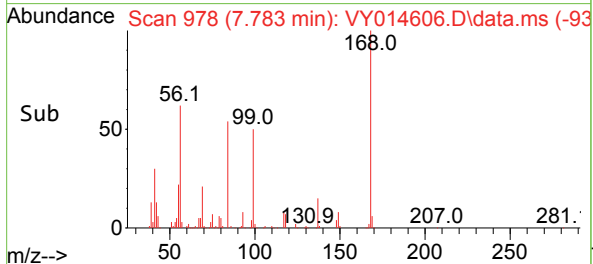
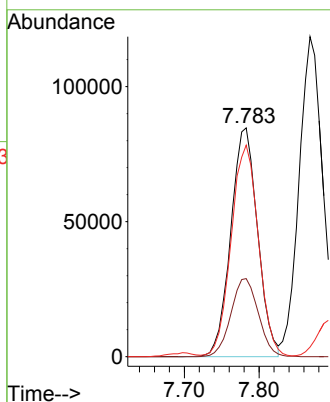
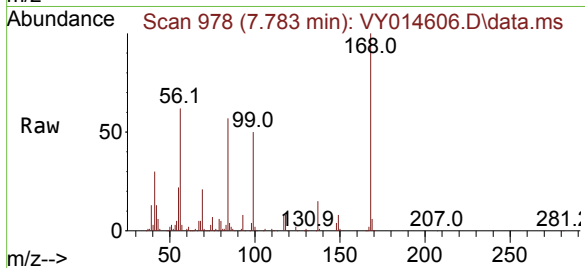




#31  
Cyclohexane  
Concen: 43.640 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

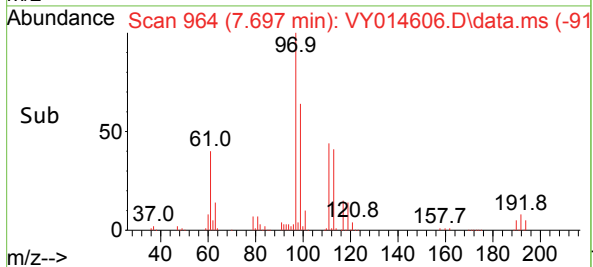
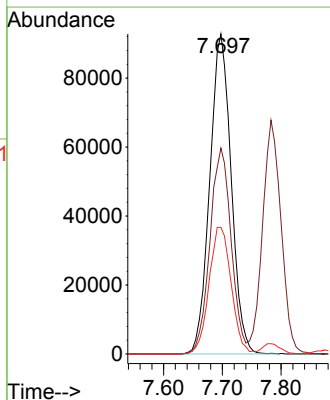
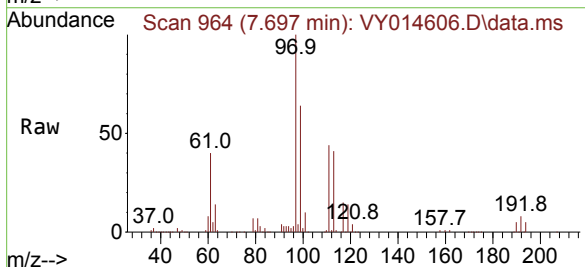
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

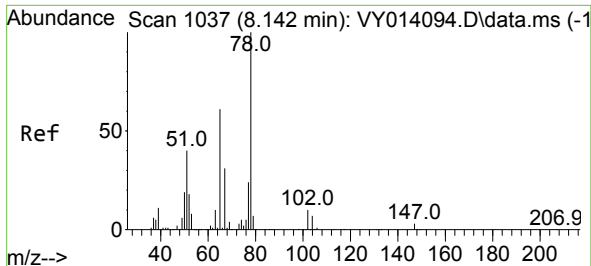
Tgt Ion: 56 Resp: 210931  
Ion Ratio Lower Upper  
56 100  
69 34.1 27.8 41.6  
84 91.1 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 46.457 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 97 Resp: 234609  
Ion Ratio Lower Upper  
97 100  
99 63.9 50.8 76.2  
61 41.2 35.1 52.7

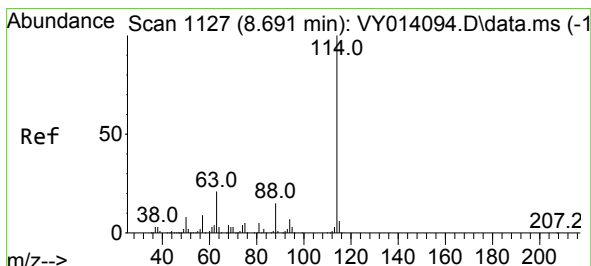
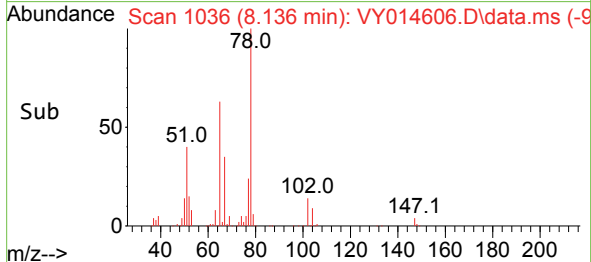
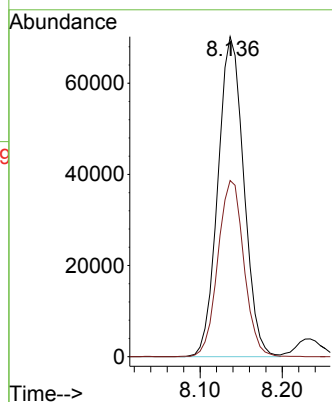
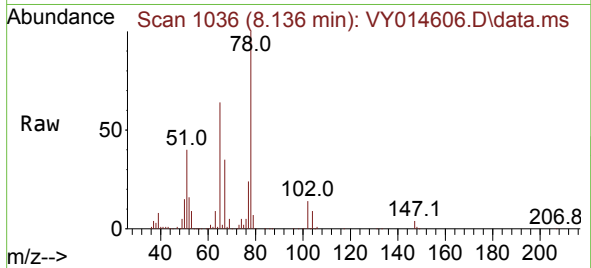




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.011 ug/l  
 RT: 8.136 min Scan# 1037  
 Delta R.T. -0.006 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

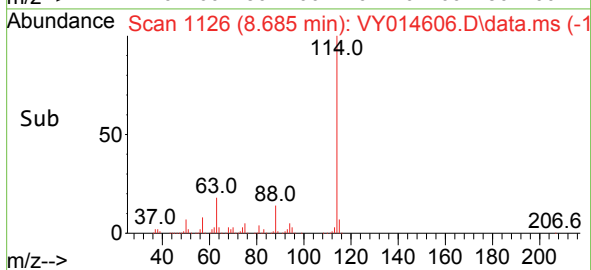
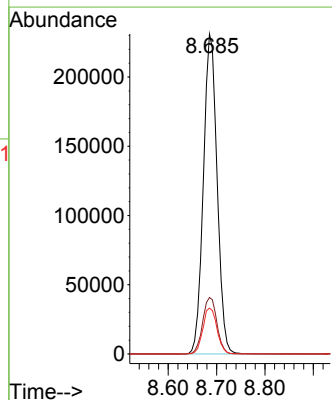
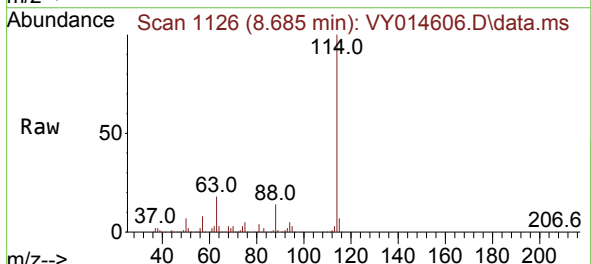
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

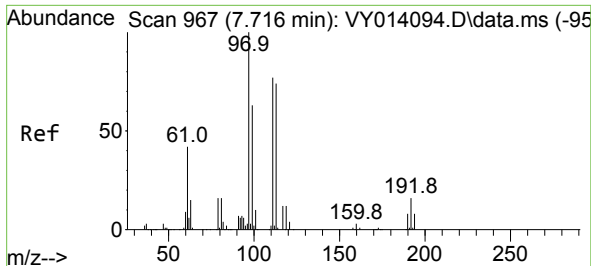
Tgt Ion: 65 Resp: 154078  
 Ion Ratio Lower Upper  
 65 100  
 67 55.2 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. -0.006 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

Tgt Ion: 114 Resp: 456063  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 42.4  
 88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.359 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

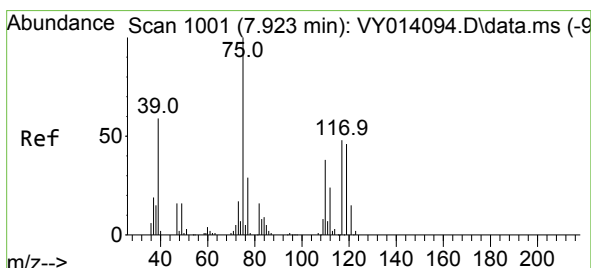
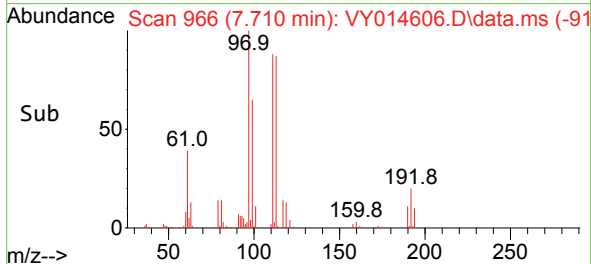
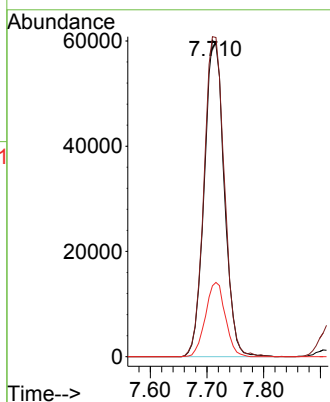
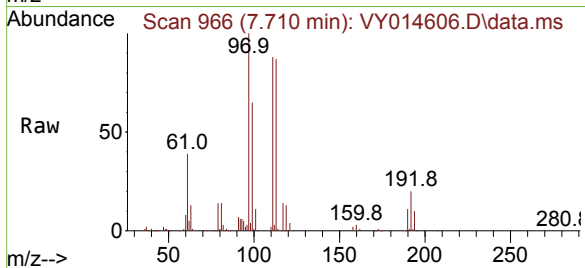
Tgt Ion:113 Resp: 147050

Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 23.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 47.403 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

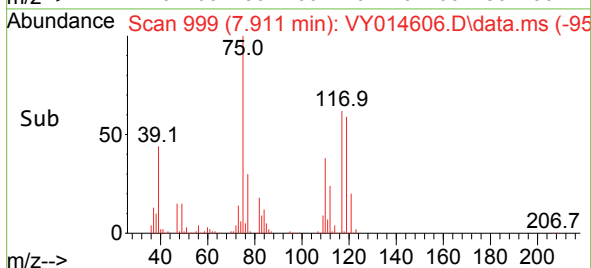
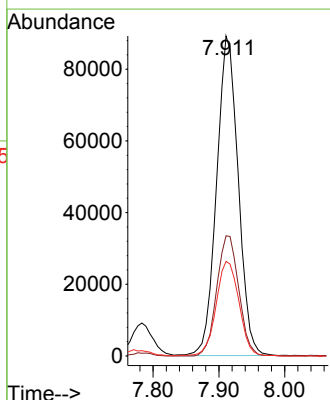
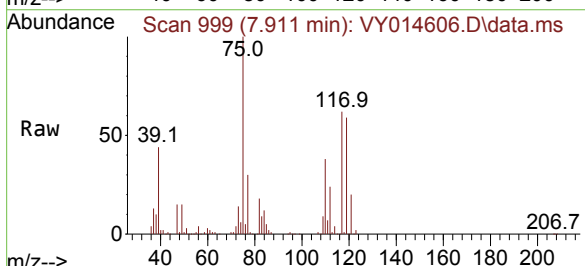
Tgt Ion: 75 Resp: 203874

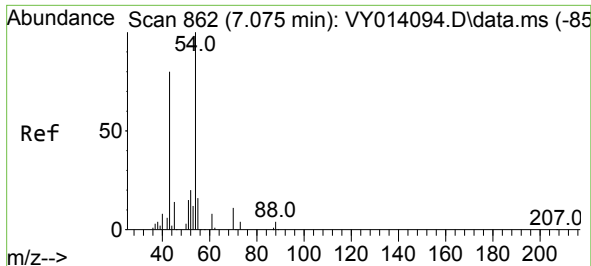
Ion Ratio Lower Upper

75 100

110 38.4 17.8 53.5

77 31.4 24.4 36.6

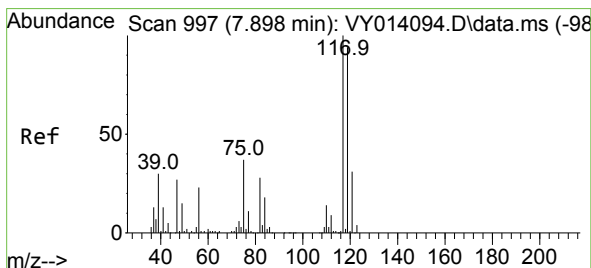
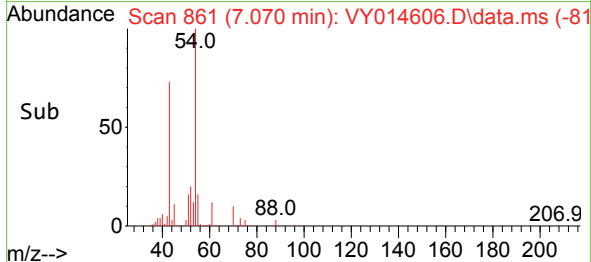
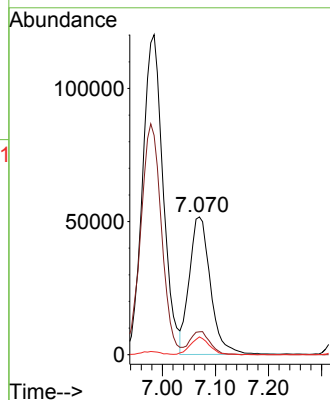
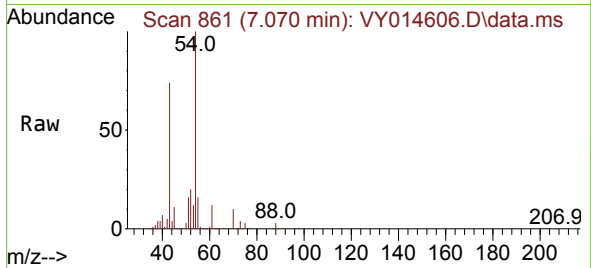




#37  
Ethyl Acetate  
Concen: 48.342 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.005 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

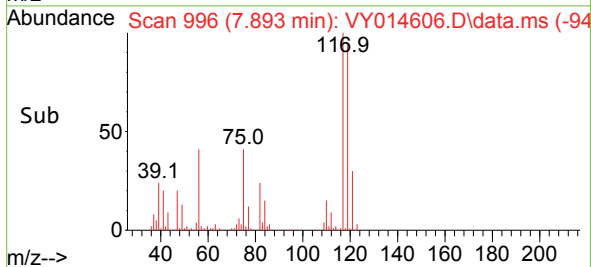
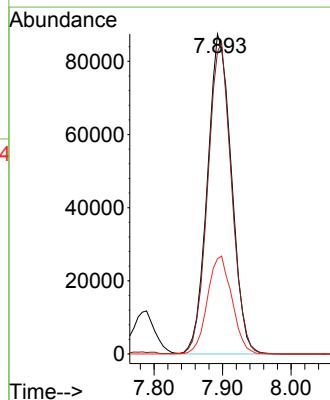
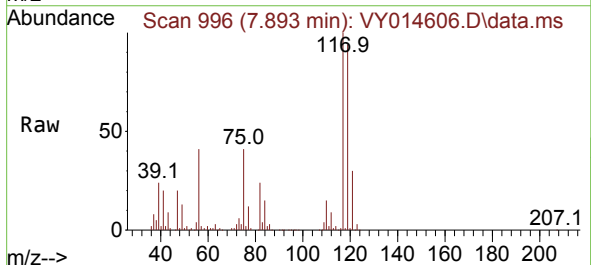
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

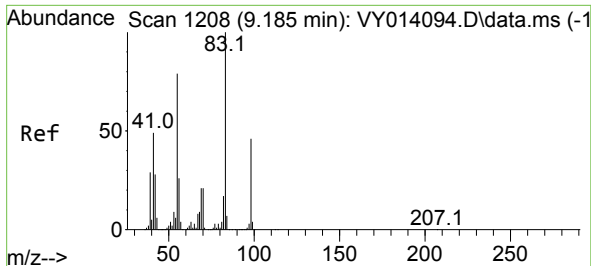
Tgt Ion: 43 Resp: 142587  
Ion Ratio Lower Upper  
43 100  
61 15.9 10.1 15.1#  
70 11.6 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 47.509 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.005 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 117 Resp: 213304  
Ion Ratio Lower Upper  
117 100  
119 94.4 76.4 114.6  
121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 47.056 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

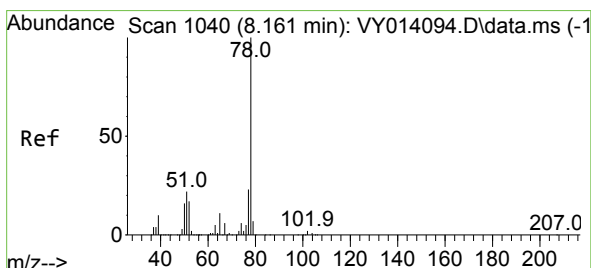
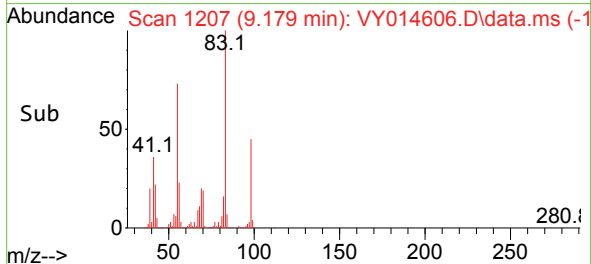
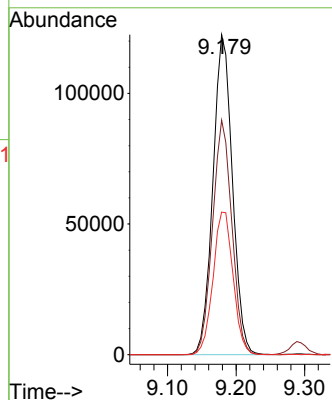
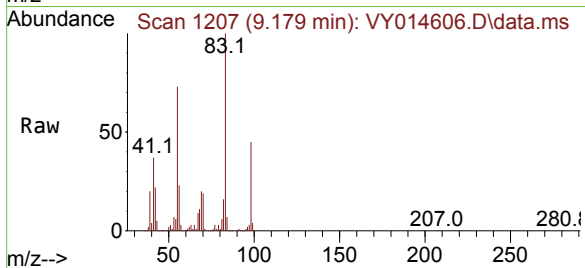
Tgt Ion: 83 Resp: 241904

Ion Ratio Lower Upper

83 100

55 73.3 63.0 94.4

98 44.5 37.4 56.2



#40

Benzene

Concen: 46.972 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014606.D

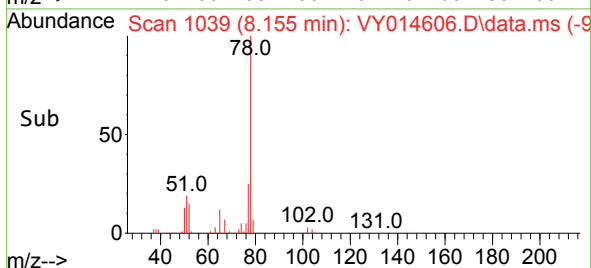
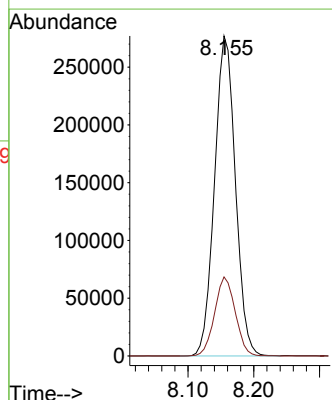
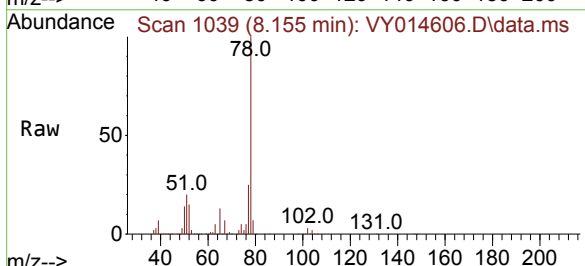
Acq: 07 Jul 2023 19:17

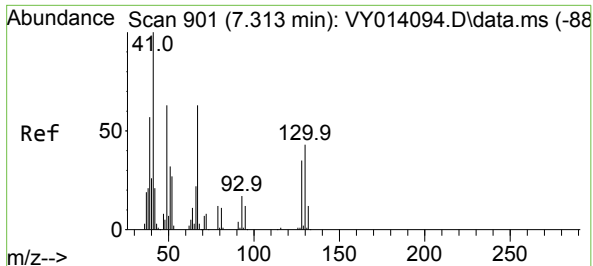
Tgt Ion: 78 Resp: 611524

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.6

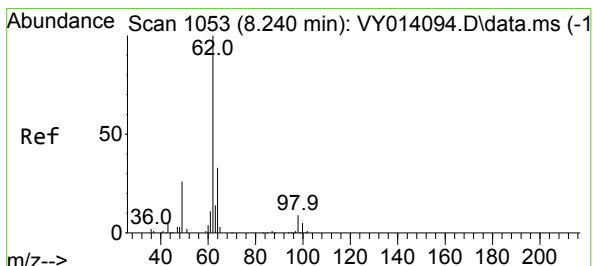
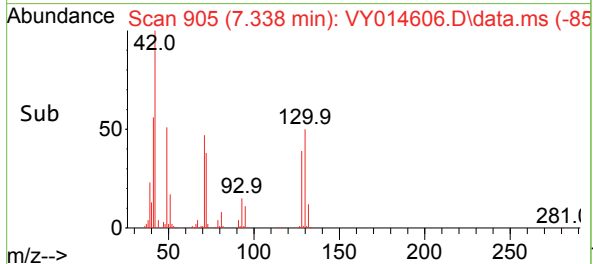
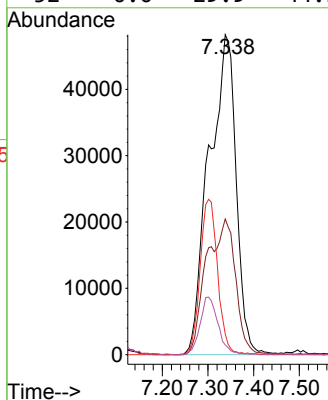
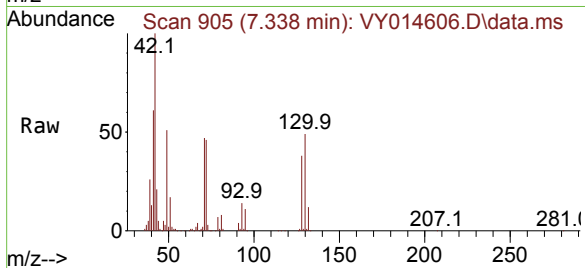




#41  
Methacrylonitrile  
Concen: 137.555 ug/l  
RT: 7.338 min Scan# 901  
Delta R.T. 0.025 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

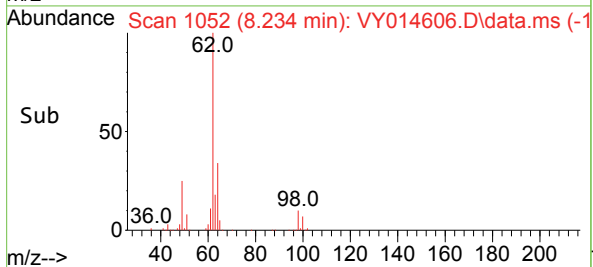
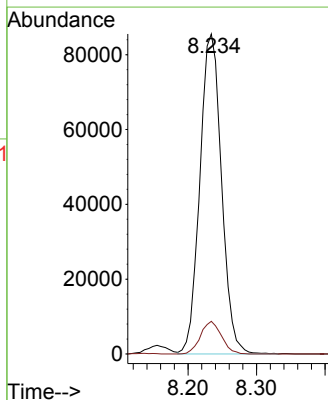
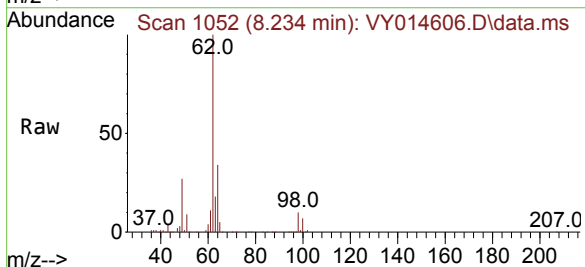
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

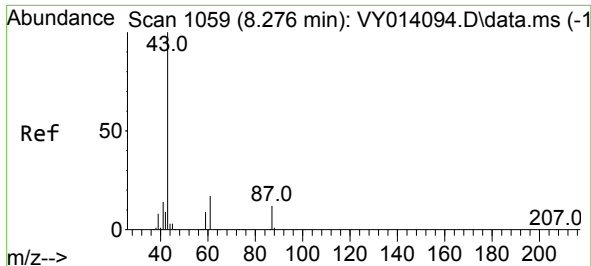
Tgt Ion: 41 Resp: 198211  
Ion Ratio Lower Upper  
41 100  
39 0.0 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 49.215 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 62 Resp: 188327  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 15.8

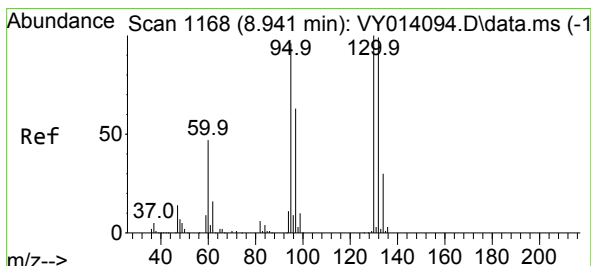
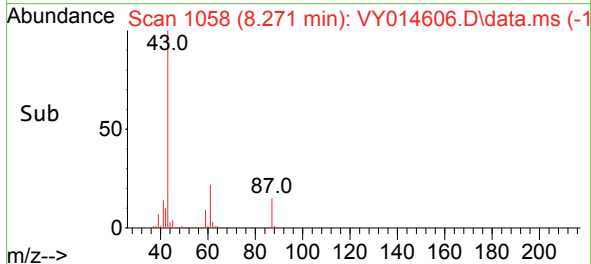
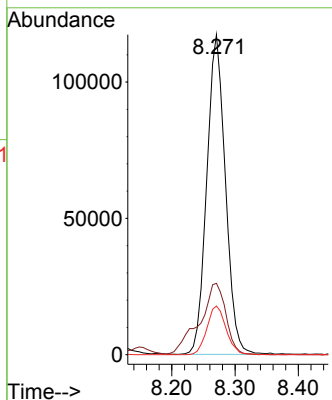
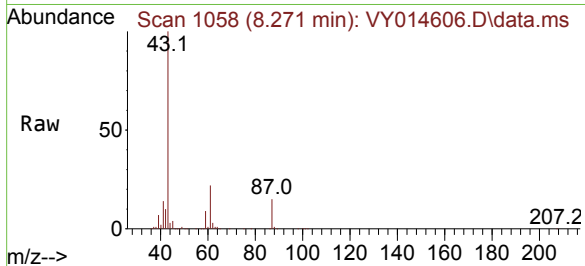




#43  
Isopropyl Acetate  
Concen: 48.047 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.005 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

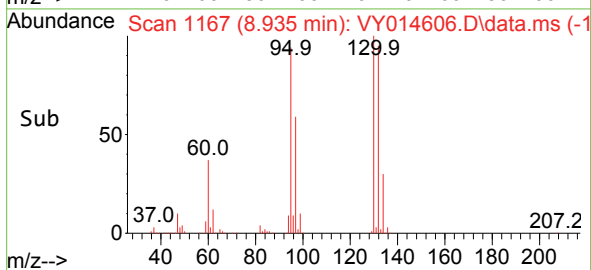
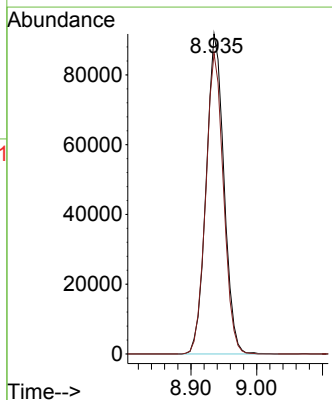
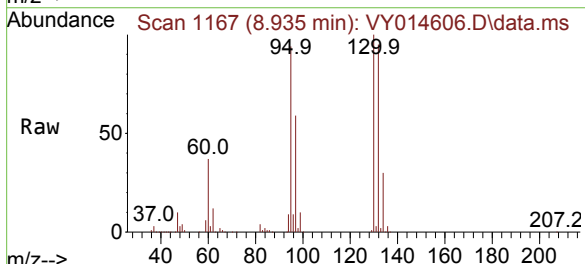
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

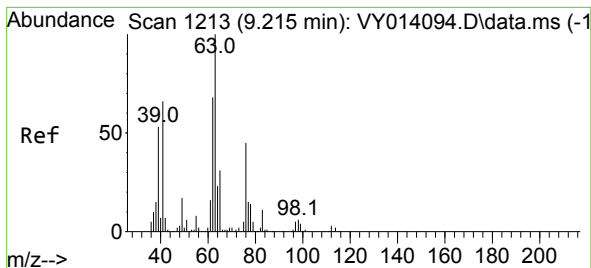
Tgt Ion: 43 Resp: 240162  
Ion Ratio Lower Upper  
43 100  
61 31.6 21.1 31.7  
87 15.7 9.8 14.8#



#44  
Trichloroethene  
Concen: 47.573 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion:130 Resp: 172666  
Ion Ratio Lower Upper  
130 100  
95 93.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.768 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

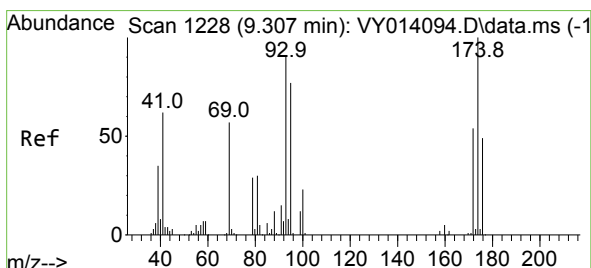
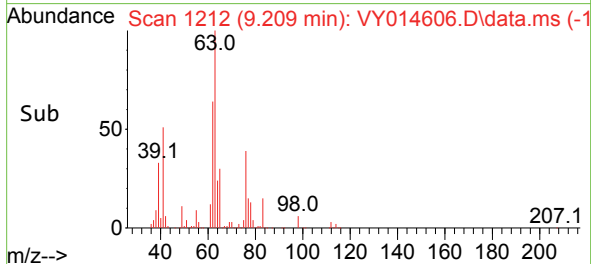
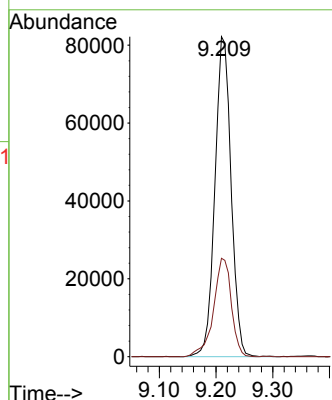
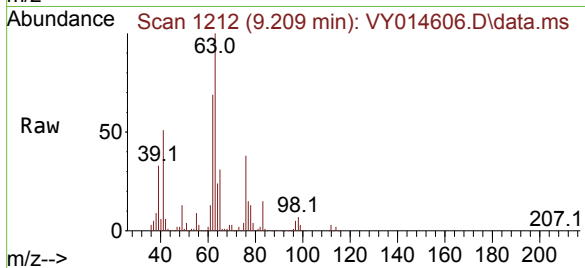
VSTDCCC050EC

Tgt Ion: 63 Resp: 162876

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 50.570 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

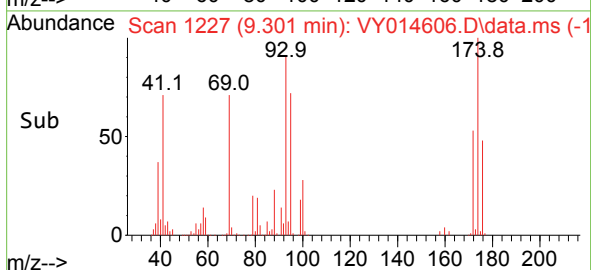
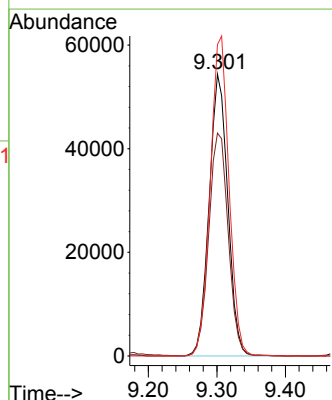
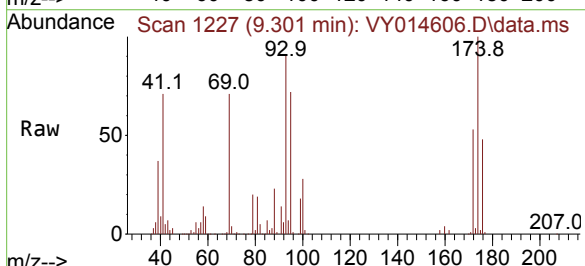
Tgt Ion: 93 Resp: 102822

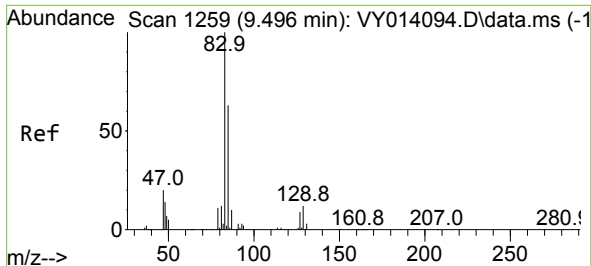
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 113.8 84.8 127.2

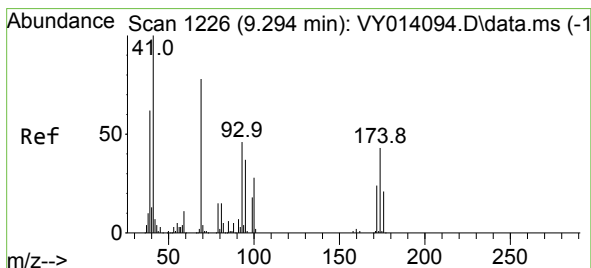
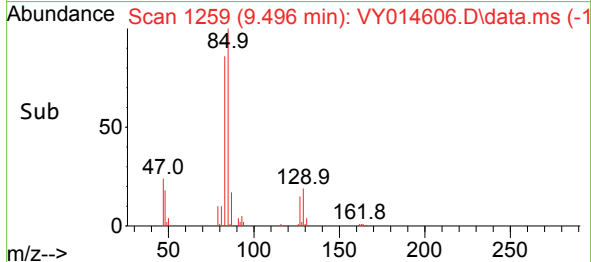
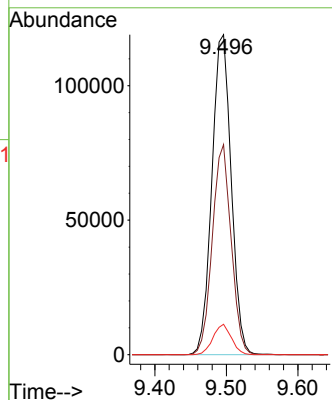
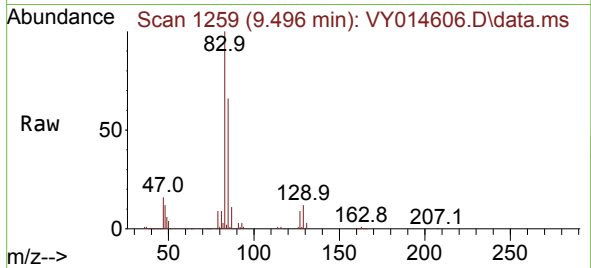




#47  
Bromodichloromethane  
Concen: 49.783 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

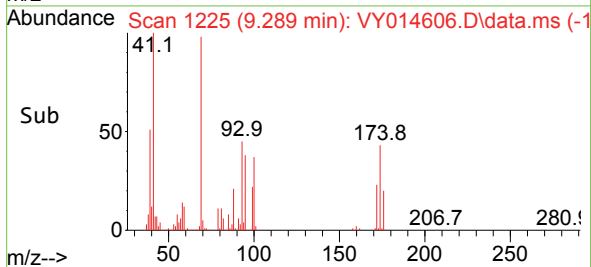
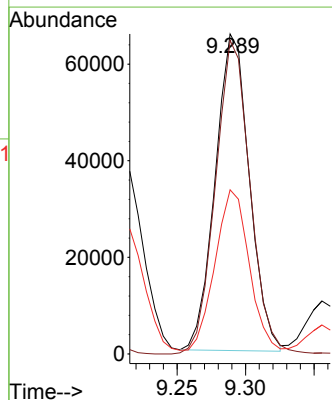
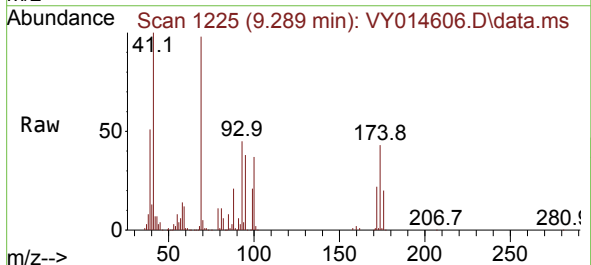
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

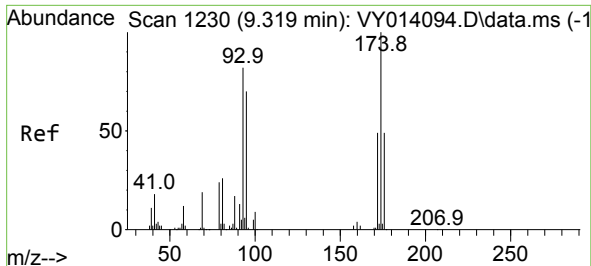
Tgt Ion: 83 Resp: 223025  
Ion Ratio Lower Upper  
83 100  
85 65.6 50.1 75.1  
127 9.5 7.1 10.7



#48  
Methyl methacrylate  
Concen: 49.972 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.005 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 41 Resp: 113589  
Ion Ratio Lower Upper  
41 100  
69 100.5 64.5 96.7#  
39 50.6 50.8 76.2#





#49

1,4-Dioxane

Concen: 969.339 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

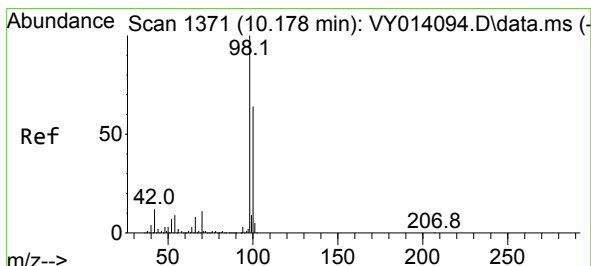
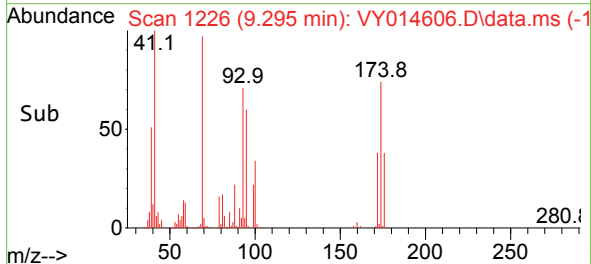
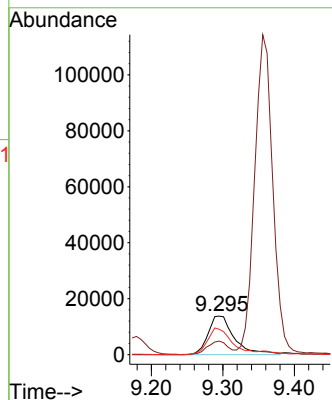
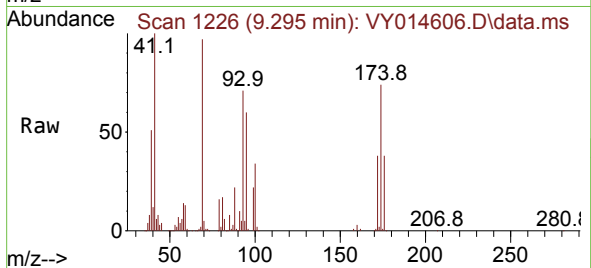
Tgt Ion: 88 Resp: 35194

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0#

58 64.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.398 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014606.D

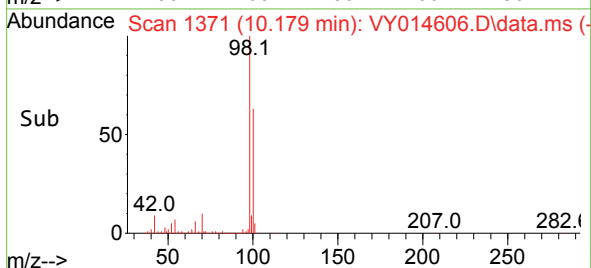
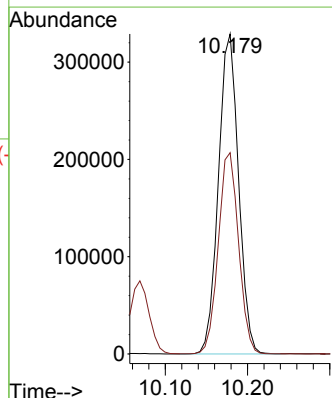
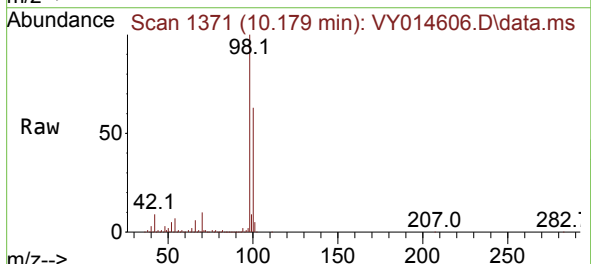
Acq: 07 Jul 2023 19:17

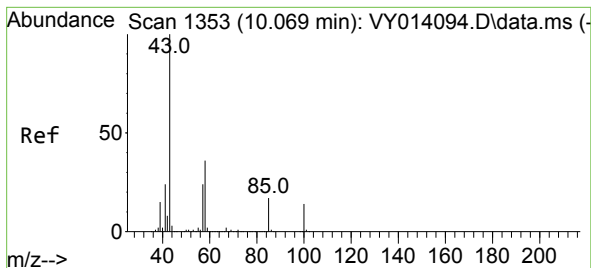
Tgt Ion: 98 Resp: 559527

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1

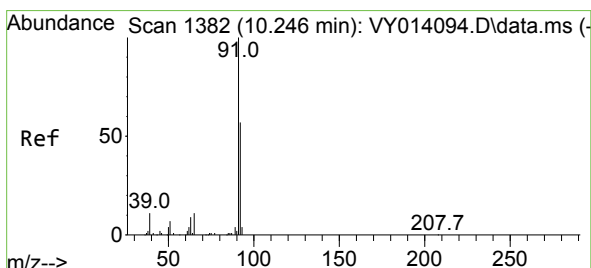
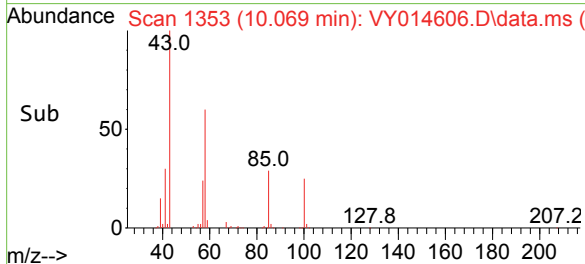
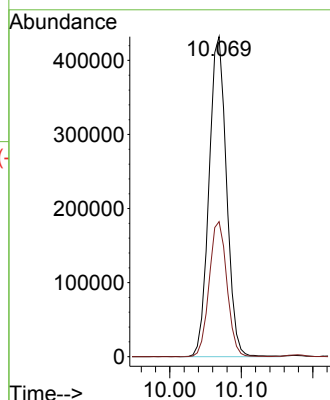
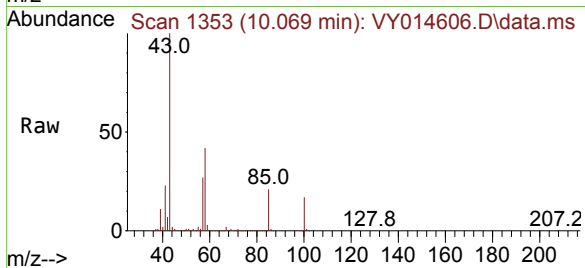




#51  
4-Methyl-2-Pentanone  
Concen: 247.673 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

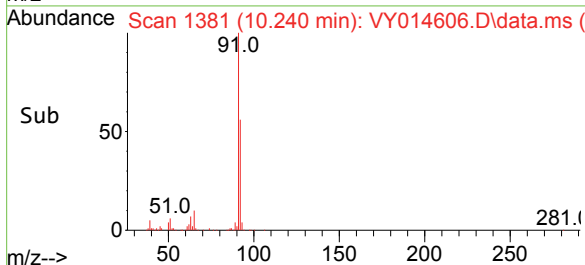
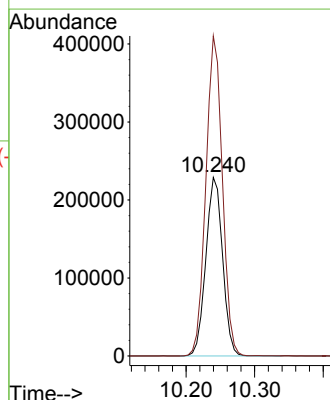
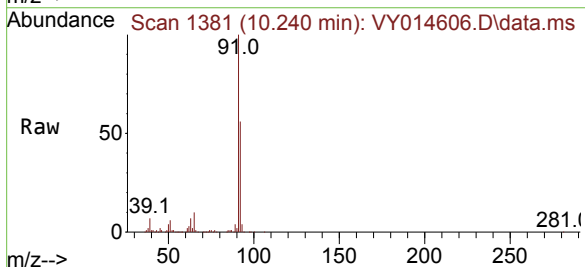
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

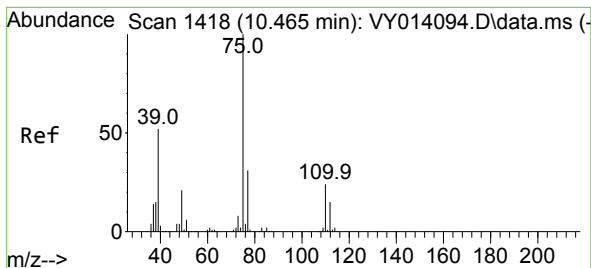
Tgt Ion: 43 Resp: 732925  
Ion Ratio Lower Upper  
43 100  
58 42.9 29.0 43.6



#52  
Toluene  
Concen: 47.601 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 92 Resp: 389979  
Ion Ratio Lower Upper  
92 100  
91 176.5 143.8 215.6

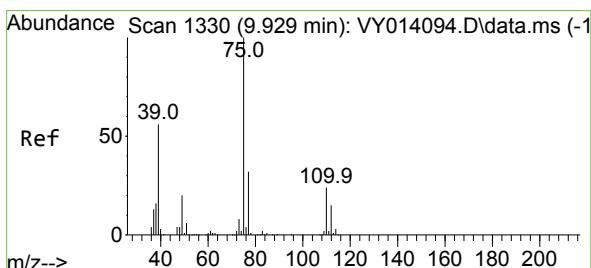
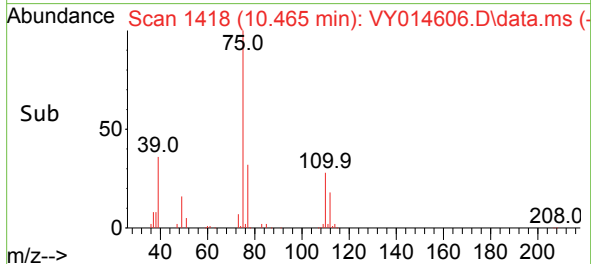
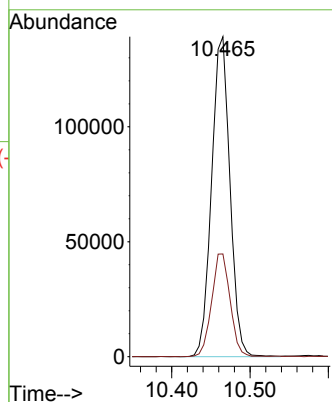
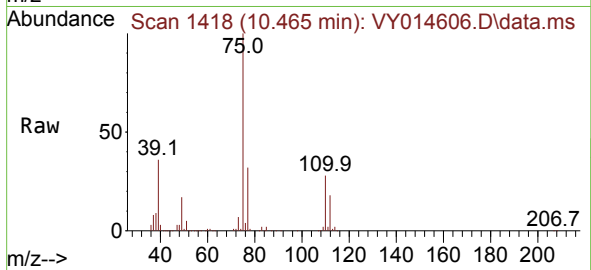




#53  
 t-1,3-Dichloropropene  
 Concen: 47.280 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

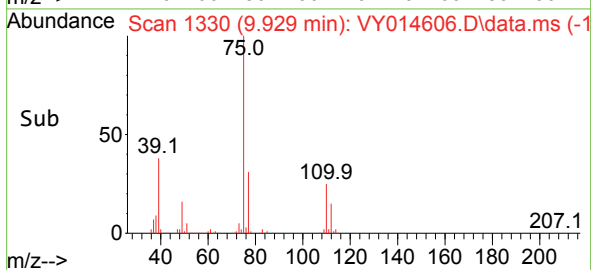
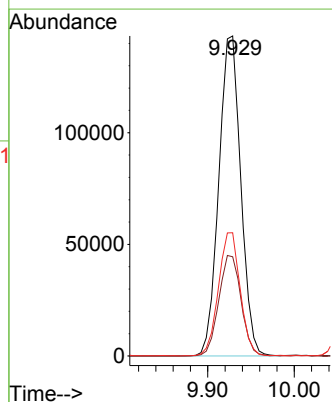
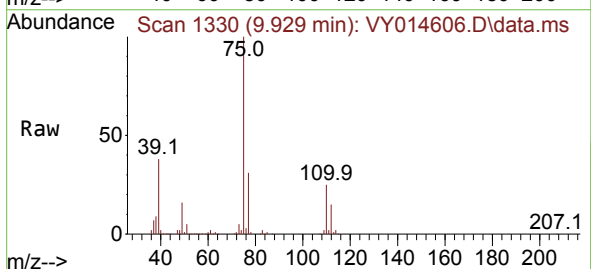
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

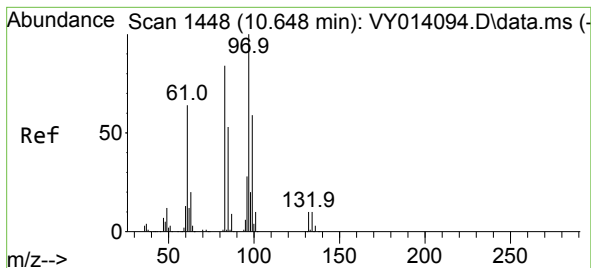
Tgt Ion: 75 Resp: 226503  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.245 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

Tgt Ion: 75 Resp: 252532  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 24.2 36.4  
 39 38.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 49.617 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 146794

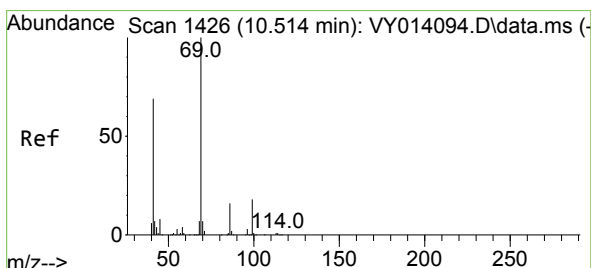
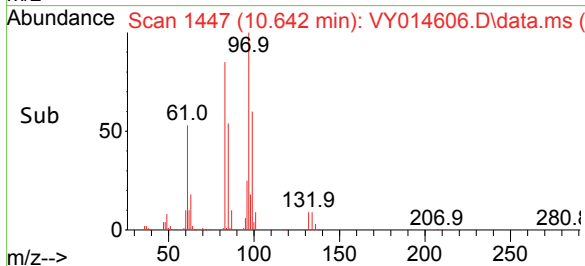
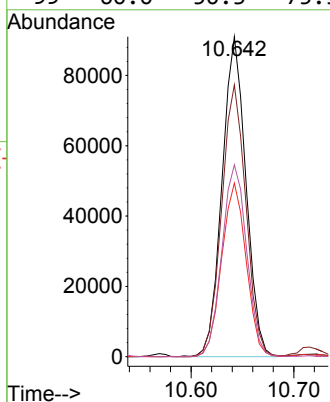
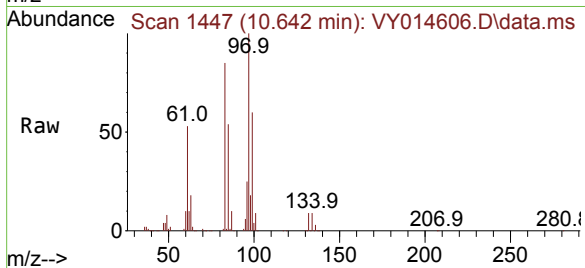
Ion Ratio Lower Upper

97 100

83 84.9 72.0 108.0

85 54.2 45.4 68.0

99 60.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.170 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

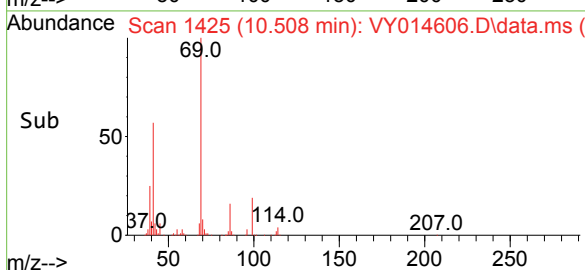
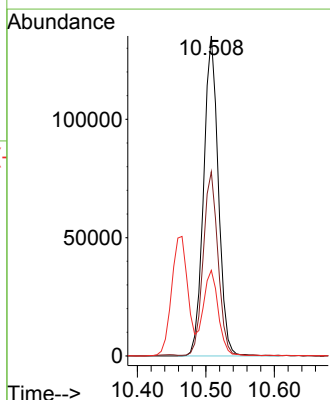
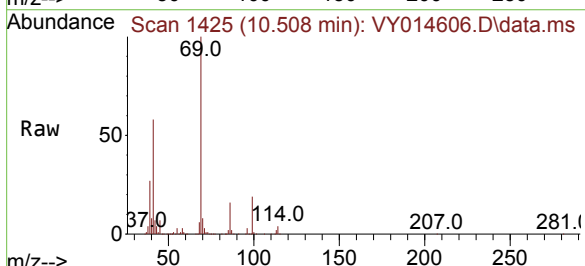
Tgt Ion: 69 Resp: 201912

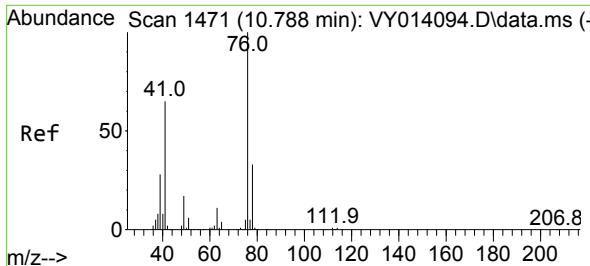
Ion Ratio Lower Upper

69 100

41 57.7 57.6 86.4

39 27.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 49.370 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

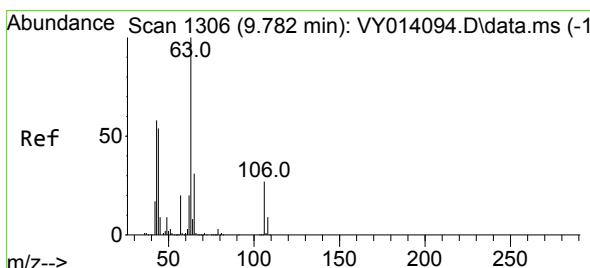
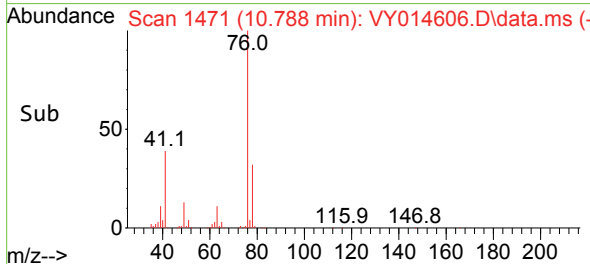
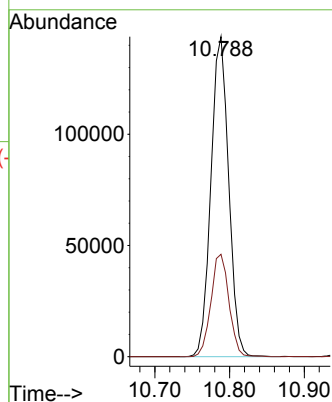
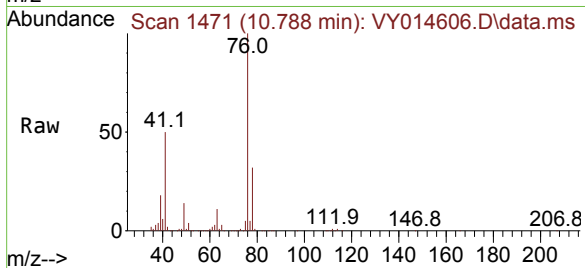
VSTDCCC050EC

Tgt Ion: 76 Resp: 237990

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 269.613 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014606.D

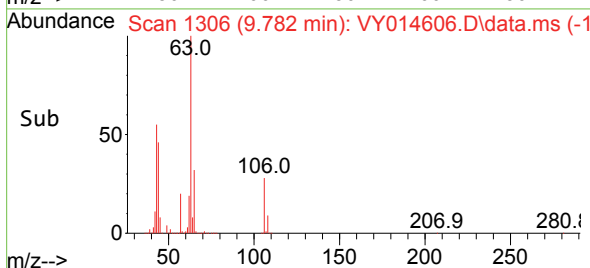
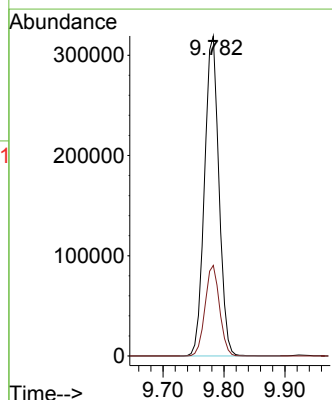
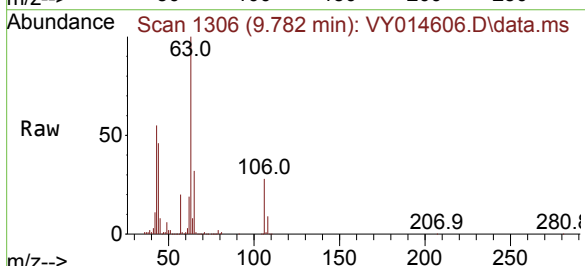
Acq: 07 Jul 2023 19:17

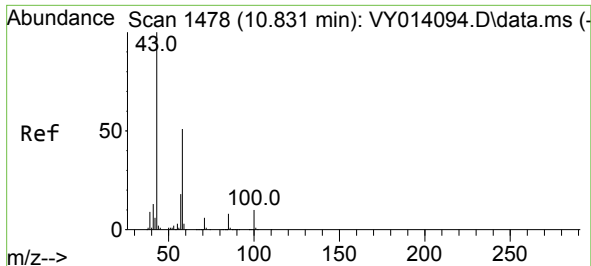
Tgt Ion: 63 Resp: 525661

Ion Ratio Lower Upper

63 100

106 28.4 21.2 31.8

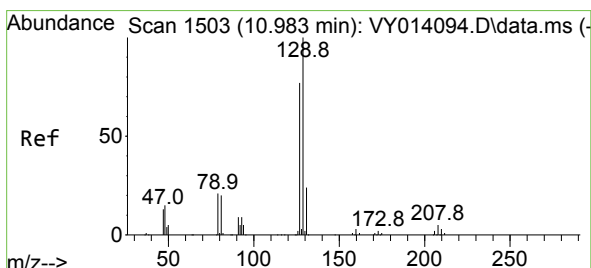
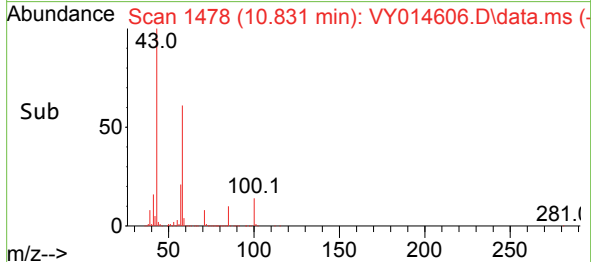
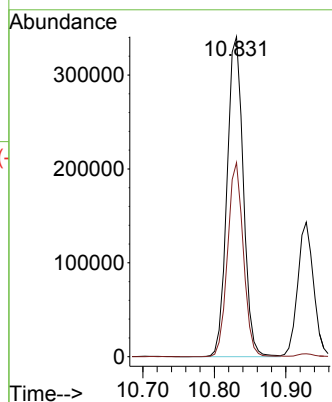
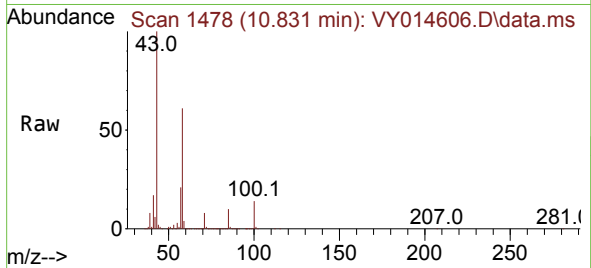




#59  
2-Hexanone  
Concen: 251.390 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

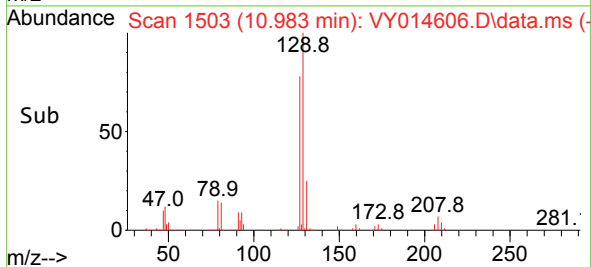
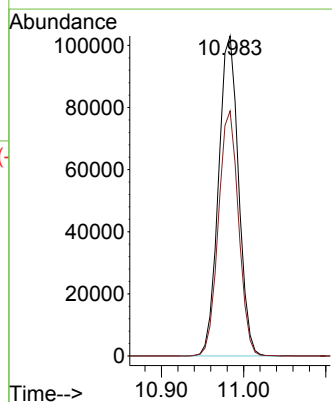
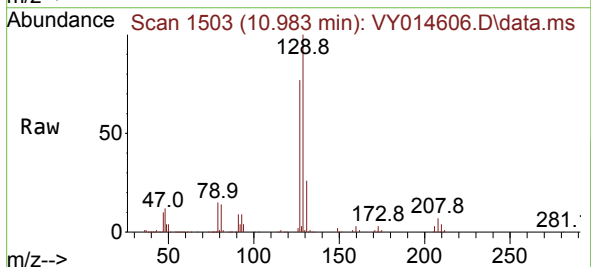
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

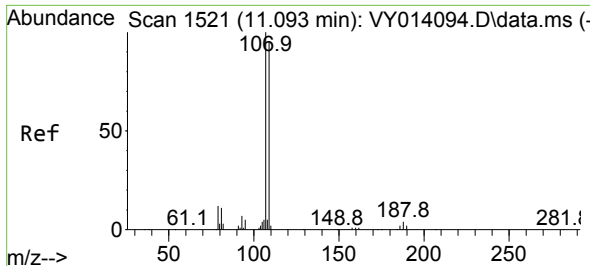
Tgt Ion: 43 Resp: 537381  
Ion Ratio Lower Upper  
43 100  
58 58.8 25.1 75.3



#60  
Dibromochloromethane  
Concen: 50.322 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 129 Resp: 174451  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.5

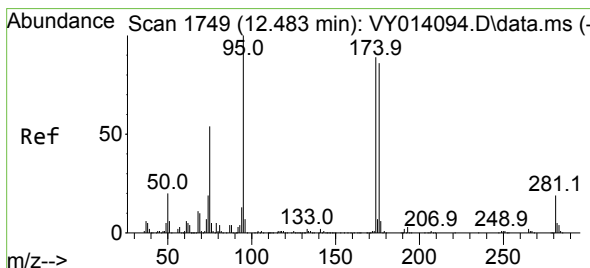
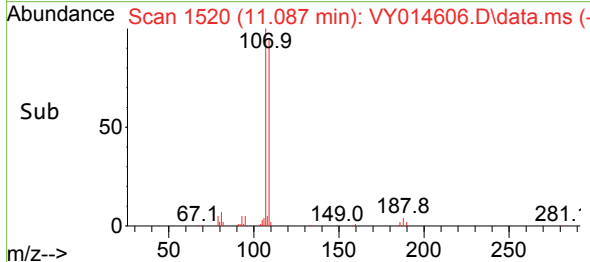
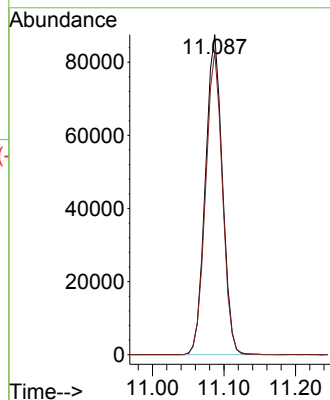
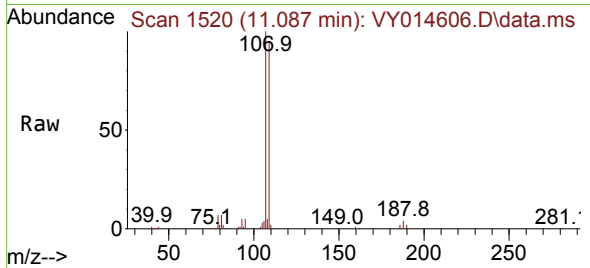




#61  
1,2-Dibromoethane  
Concen: 49.924 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

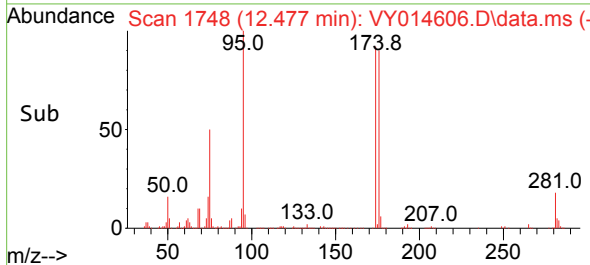
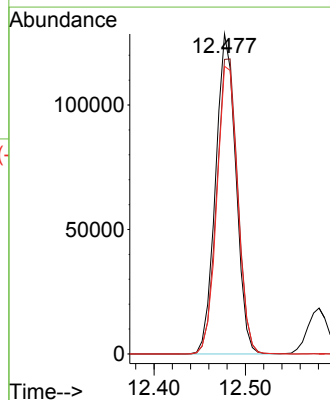
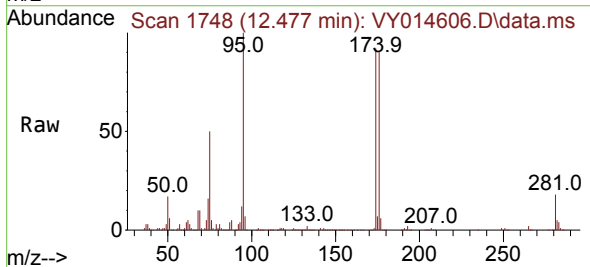
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

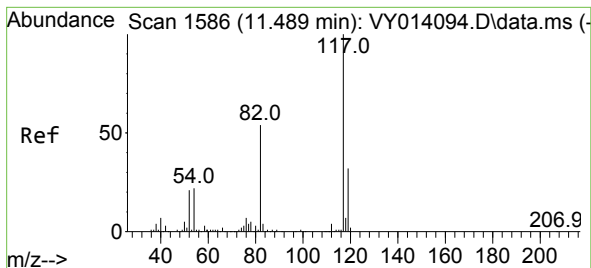
Tgt Ion:107 Resp: 144201  
Ion Ratio Lower Upper  
107 100  
109 93.8 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 51.487 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 95 Resp: 198490  
Ion Ratio Lower Upper  
95 100  
174 95.9 0.0 178.2  
176 92.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

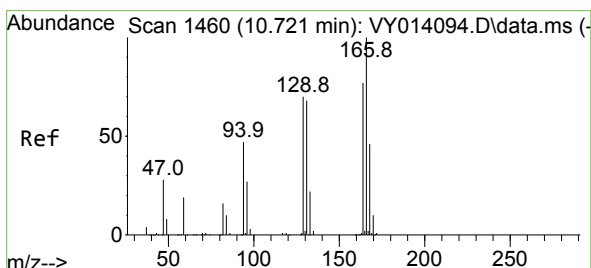
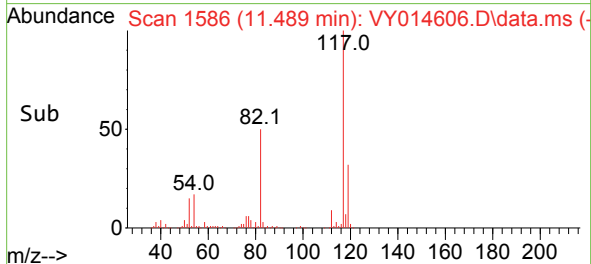
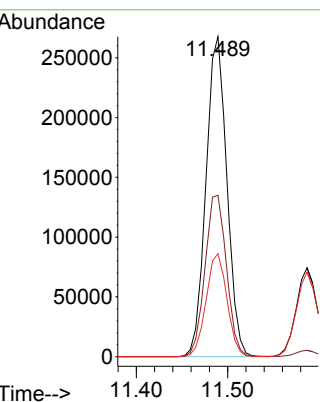
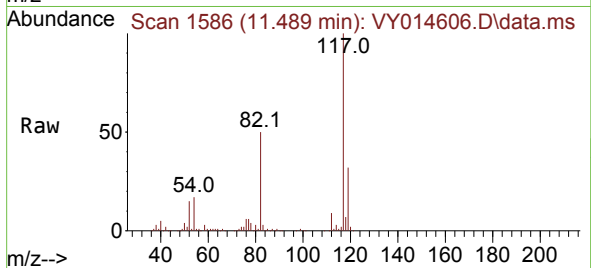
Tgt Ion:117 Resp: 426037

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 50.555 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Tgt Ion:164 Resp: 192539

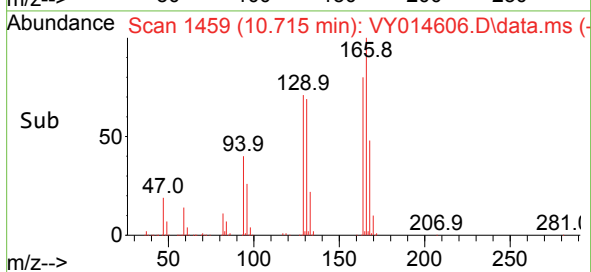
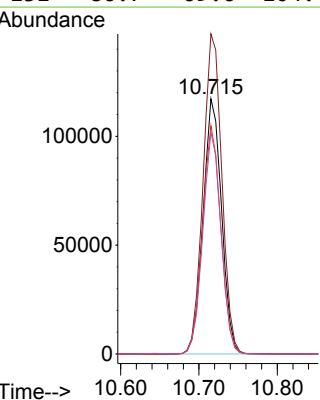
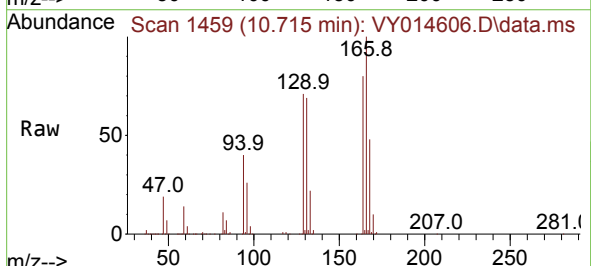
Ion Ratio Lower Upper

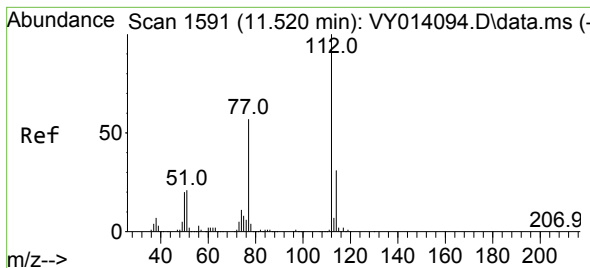
164 100

166 125.4 103.0 154.6

129 89.4 77.2 115.8

131 86.7 69.6 104.4





#65

Chlorobenzene

Concen: 48.262 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

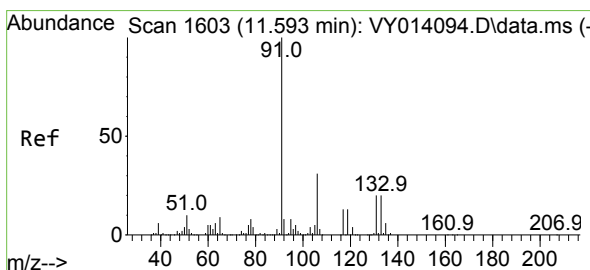
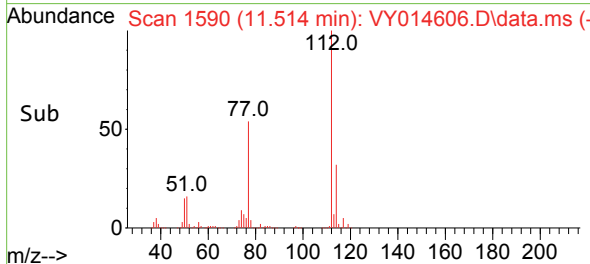
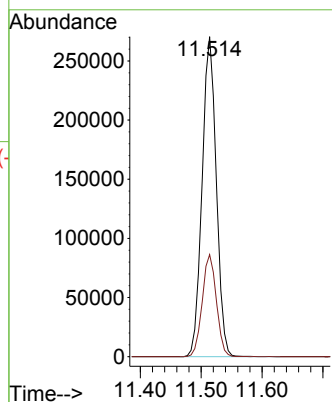
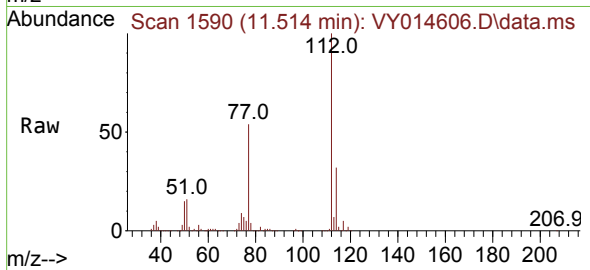
VSTDCCC050EC

Tgt Ion:112 Resp: 438182

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.739 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

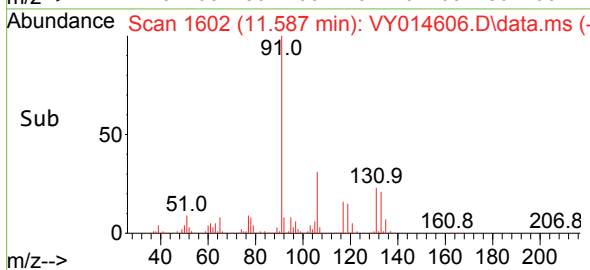
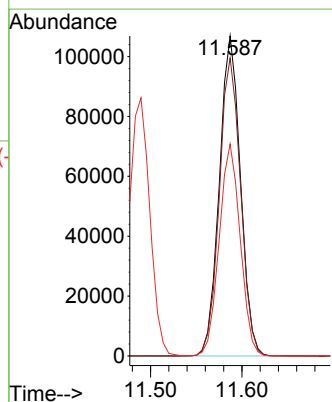
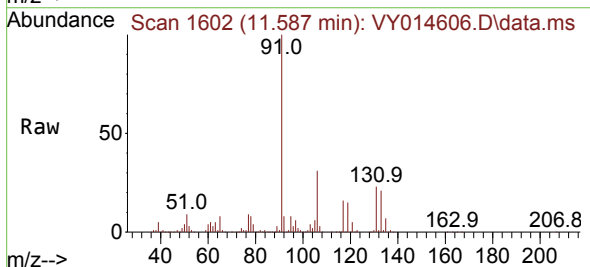
Tgt Ion:131 Resp: 171640

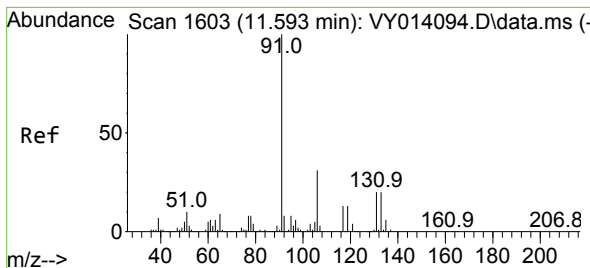
Ion Ratio Lower Upper

131 100

133 93.9 47.5 142.6

119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 48.111 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

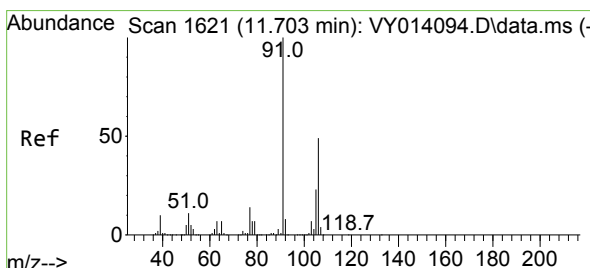
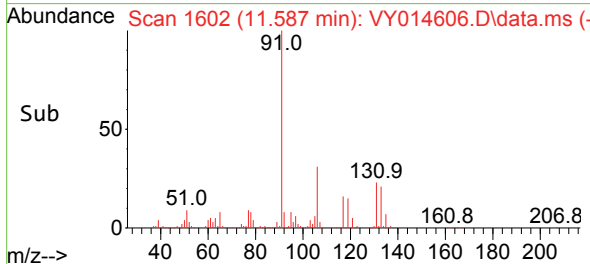
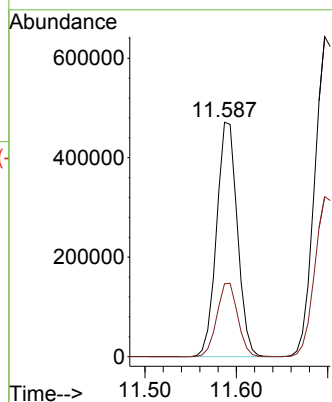
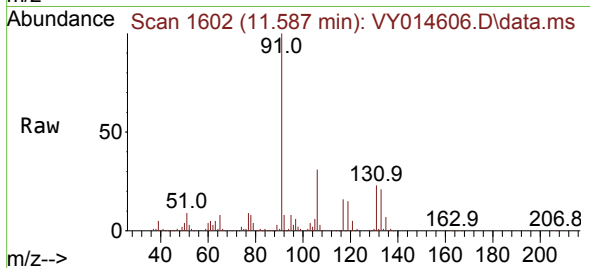
VSTDCCC050EC

Tgt Ion: 91 Resp: 744895

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 96.319 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014606.D

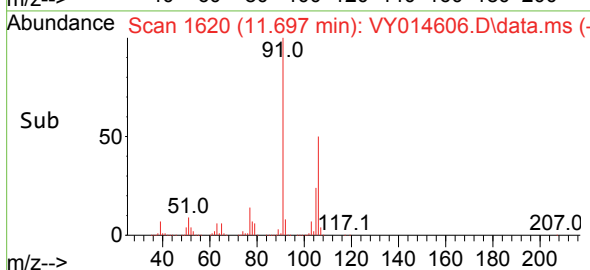
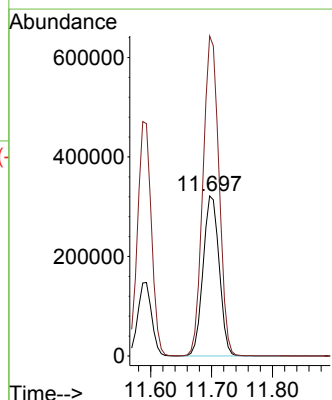
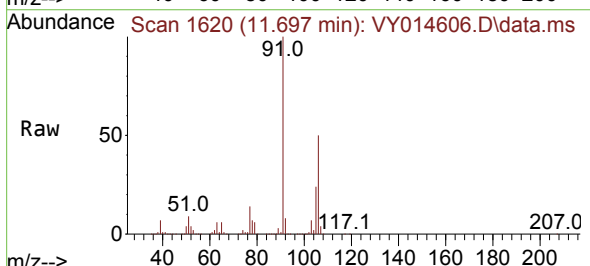
Acq: 07 Jul 2023 19:17

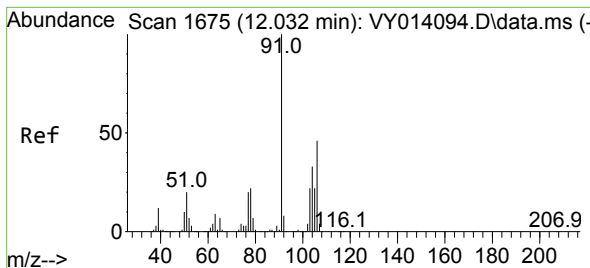
Tgt Ion:106 Resp: 591545

Ion Ratio Lower Upper

106 100

91 198.8 166.1 249.1





#69

o-Xylene

Concen: 48.361 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

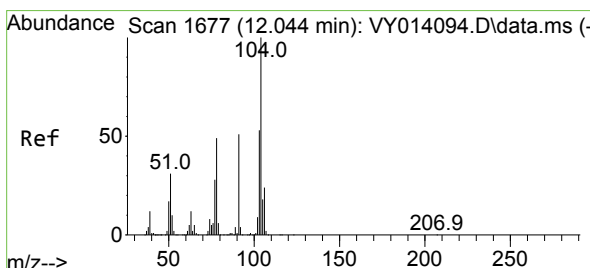
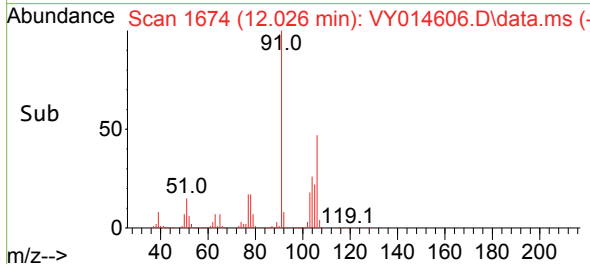
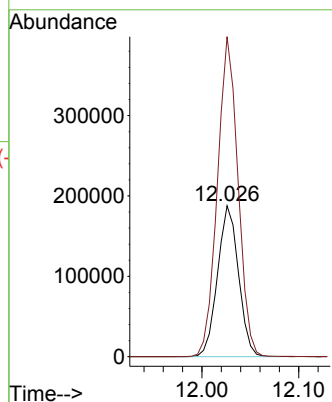
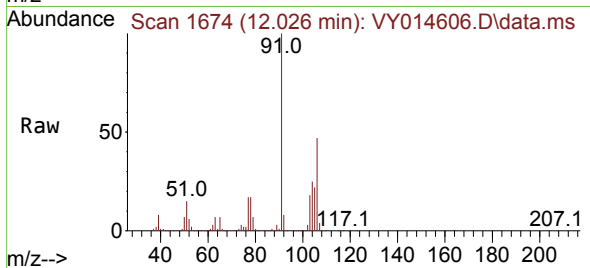
VSTDCCC050EC

Tgt Ion:106 Resp: 281705

Ion Ratio Lower Upper

106 100

91 209.1 108.1 324.3



#70

Styrene

Concen: 49.160 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

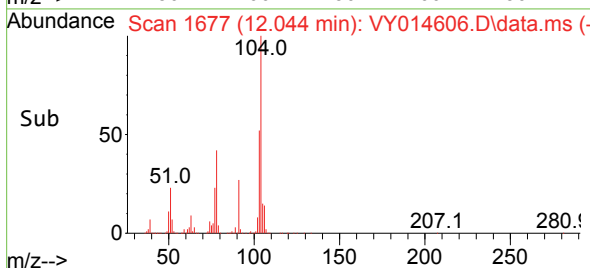
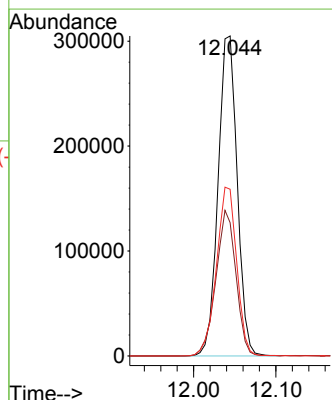
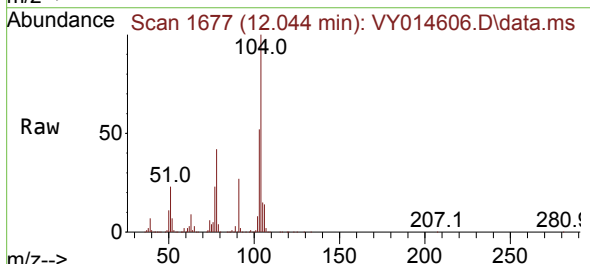
Tgt Ion:104 Resp: 492673

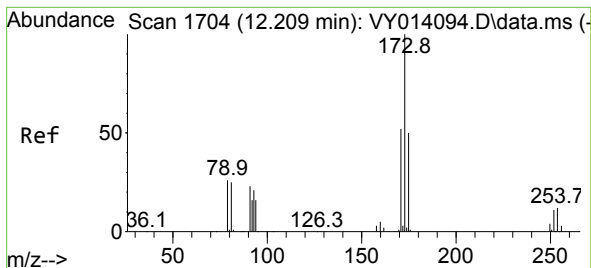
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 50.751 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

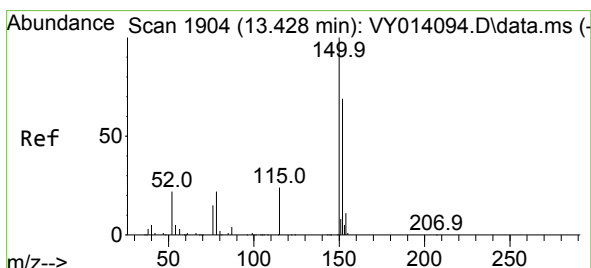
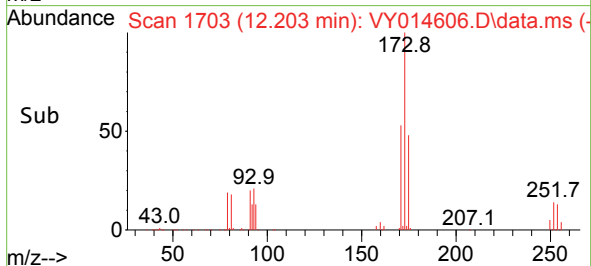
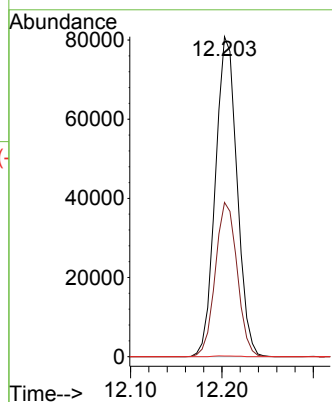
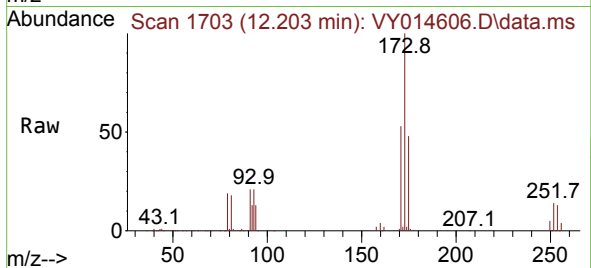
Tgt Ion:173 Resp: 133051

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

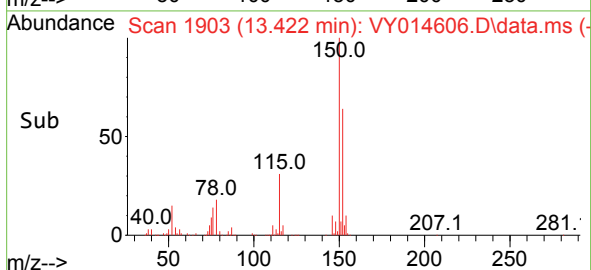
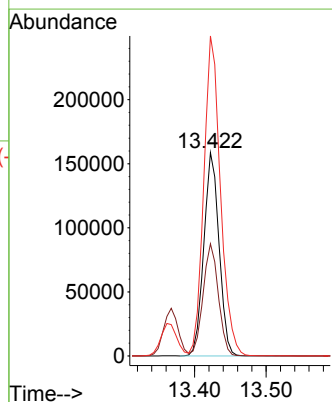
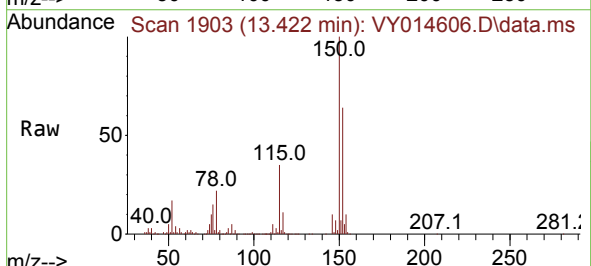
Tgt Ion:152 Resp: 235016

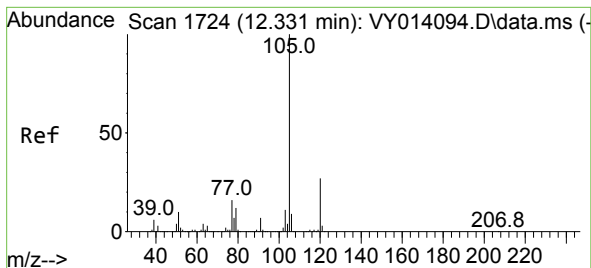
Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

150 172.4 0.0 348.8





#73

Isopropylbenzene

Concen: 47.408 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

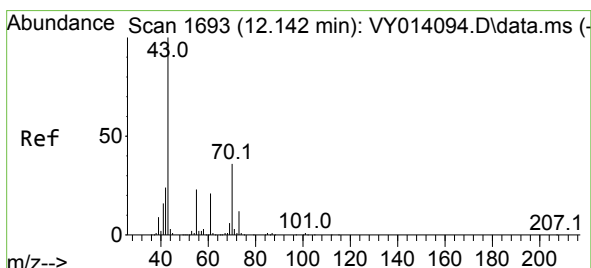
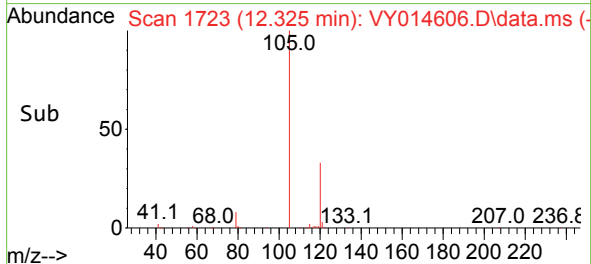
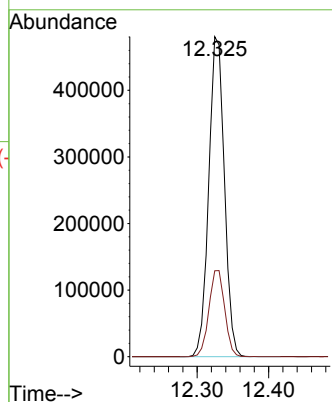
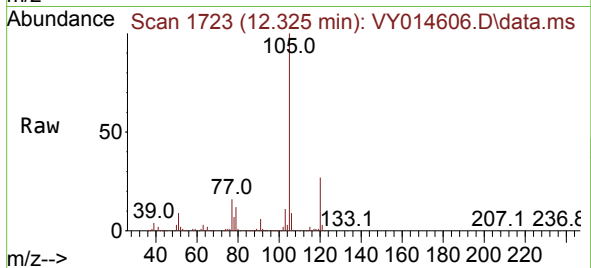
VSTDCCC050EC

Tgt Ion:105 Resp: 729702

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 47.642 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Tgt Ion: 43 Resp: 221315

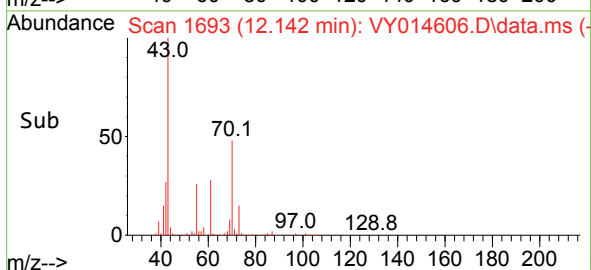
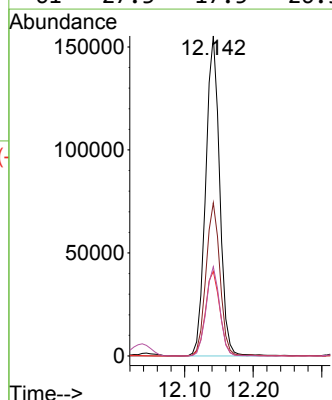
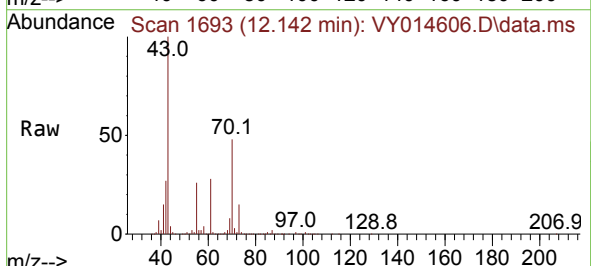
Ion Ratio Lower Upper

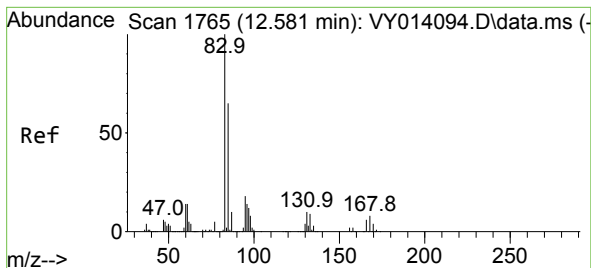
43 100

70 47.6 29.7 44.5#

55 27.3 18.3 27.5

61 27.3 17.5 26.3#

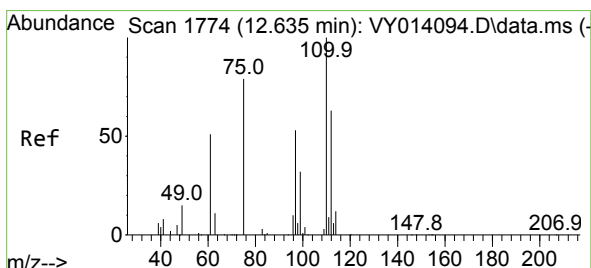
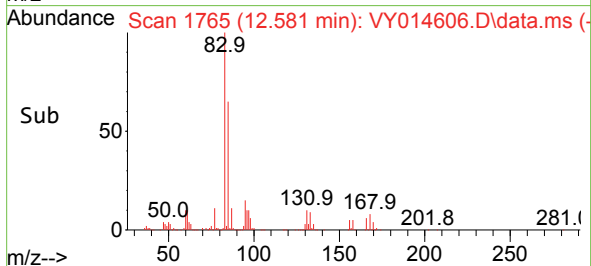
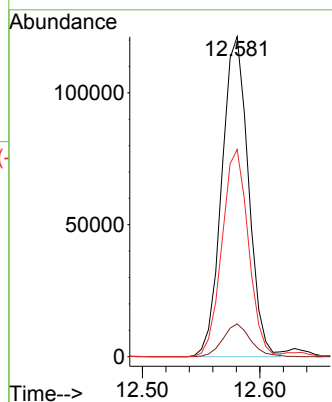
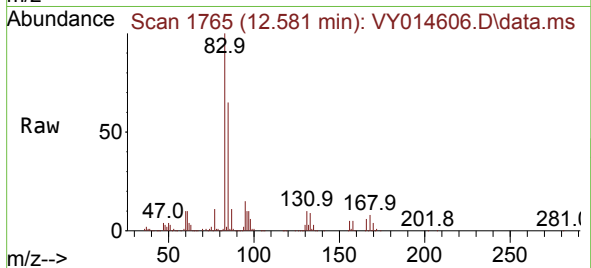




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.361 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

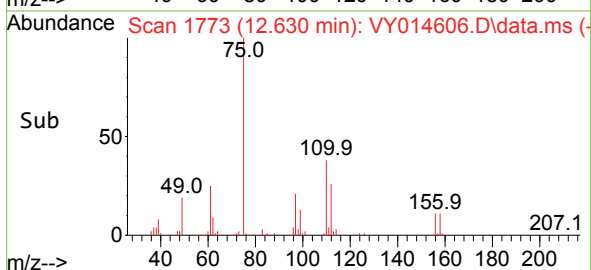
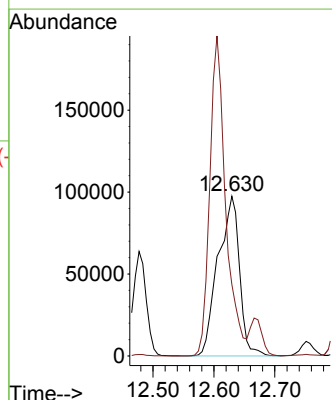
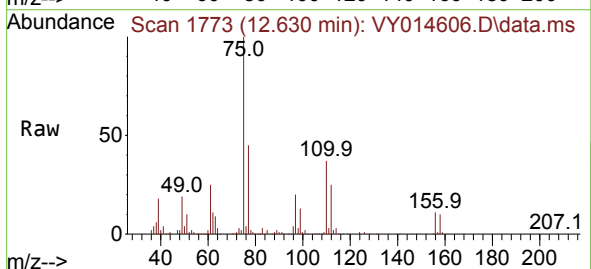
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

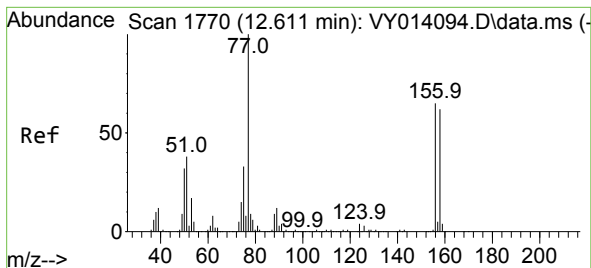
Tgt Ion: 83 Resp: 191018  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.4 16.2  
 85 64.4 31.8 95.4



#76  
 1,2,3-Trichloropropane  
 Concen: 86.494 ug/l  
 RT: 12.630 min Scan# 1773  
 Delta R.T. -0.005 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

Tgt Ion: 75 Resp: 238536  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.952 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

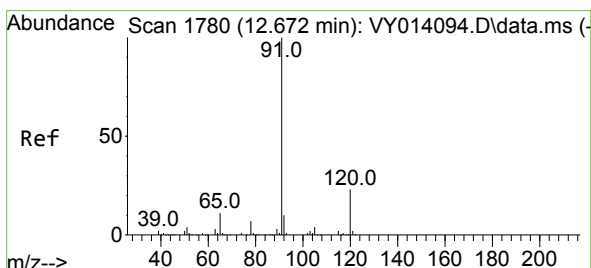
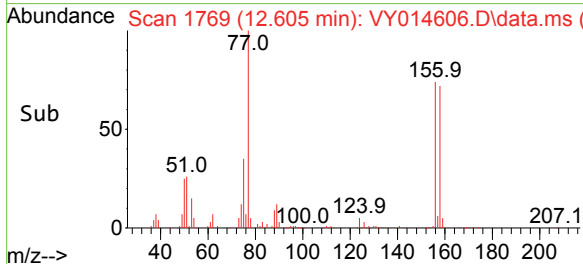
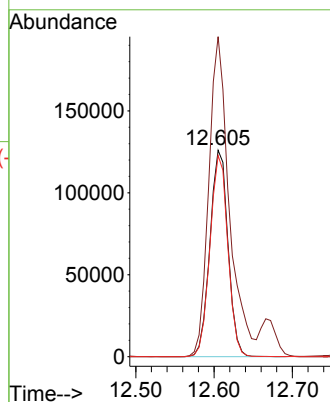
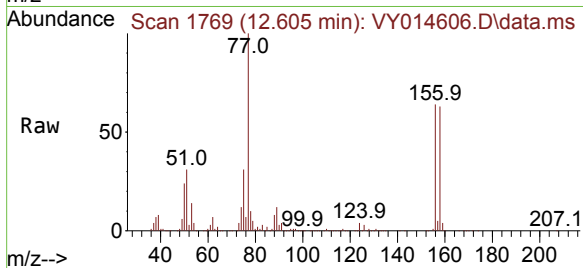
Tgt Ion:156 Resp: 201588

Ion Ratio Lower Upper

156 100

77 176.2 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 47.957 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014606.D

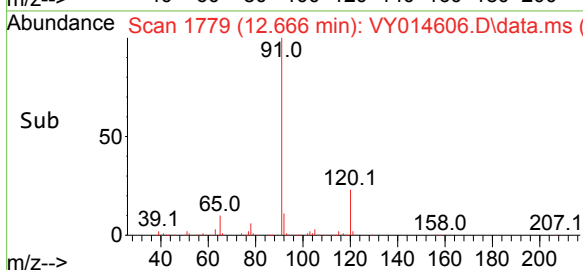
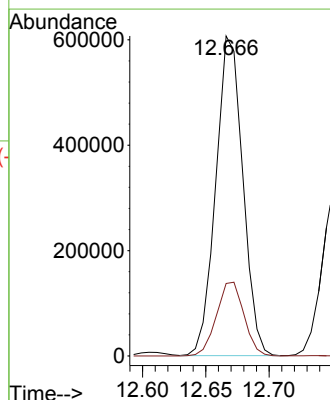
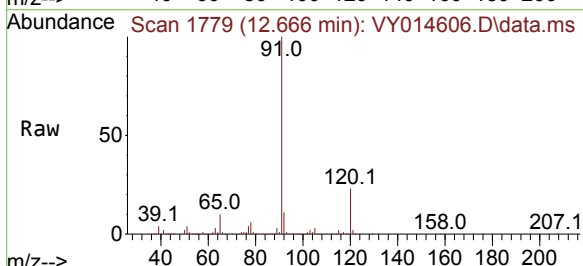
Acq: 07 Jul 2023 19:17

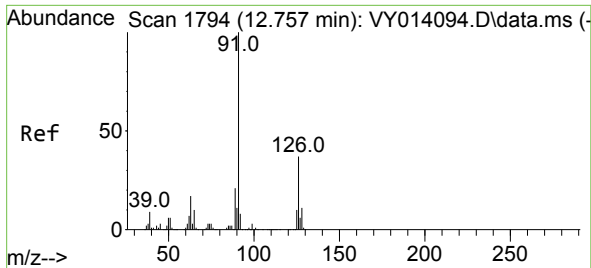
Tgt Ion: 91 Resp: 900412

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

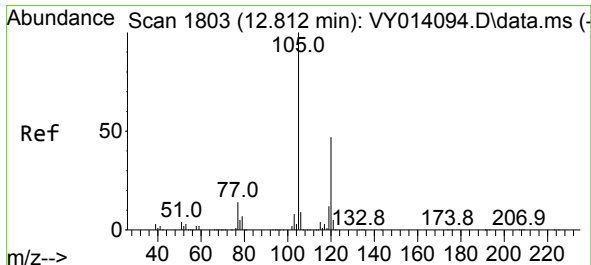
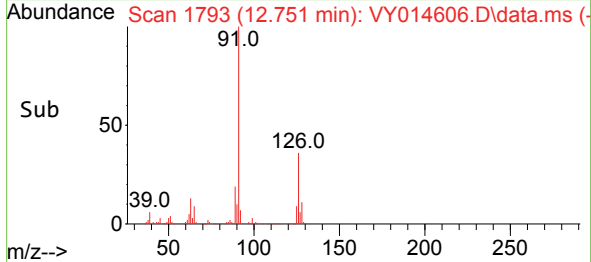
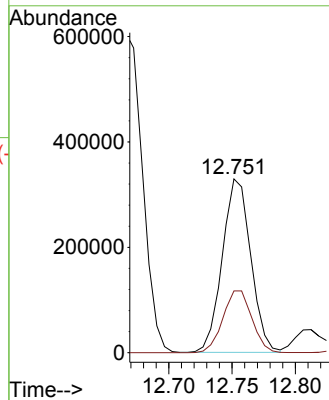
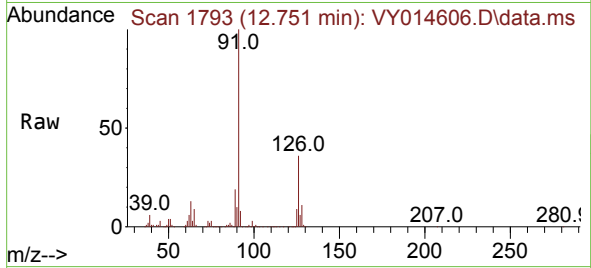




#79  
2-Chlorotoluene  
Concen: 47.806 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

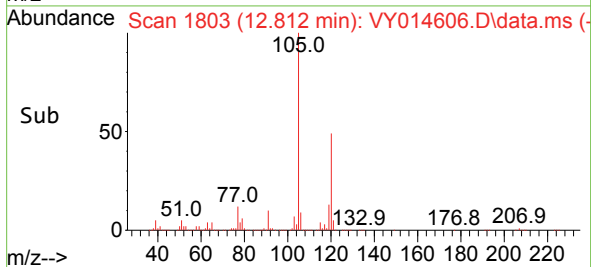
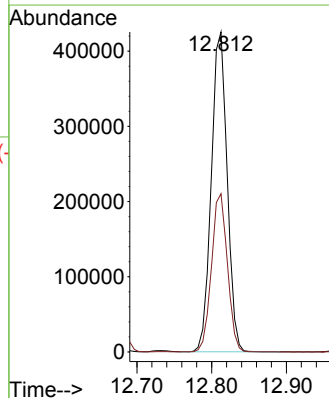
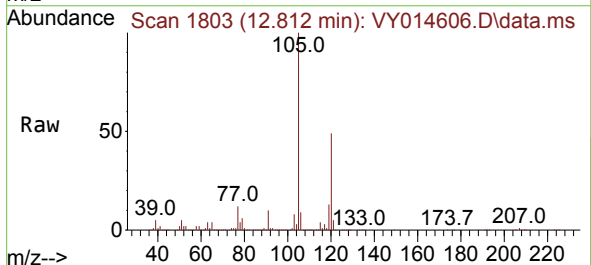
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

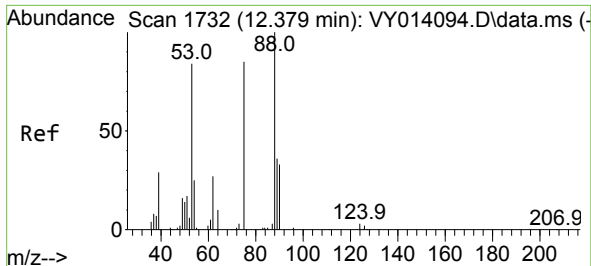
Tgt Ion: 91 Resp: 516553  
Ion Ratio Lower Upper  
91 100  
126 36.4 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 48.047 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 105 Resp: 626065  
Ion Ratio Lower Upper  
105 100  
120 49.8 23.9 71.7

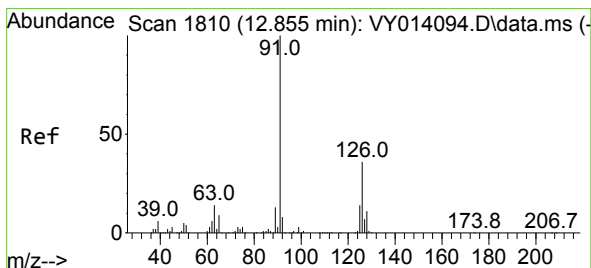
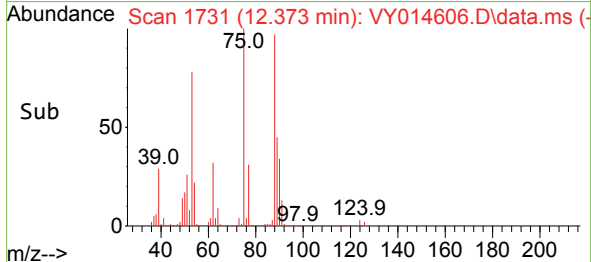
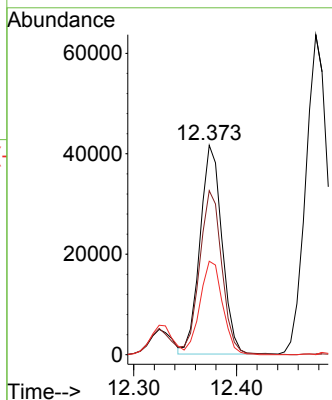
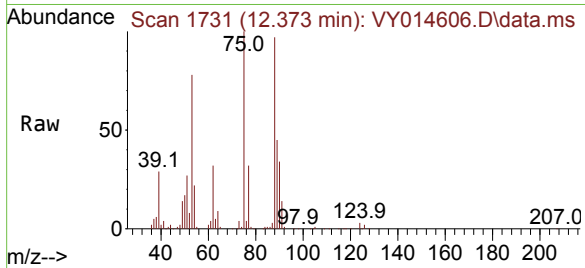




#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.630 ug/l  
RT: 12.373 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

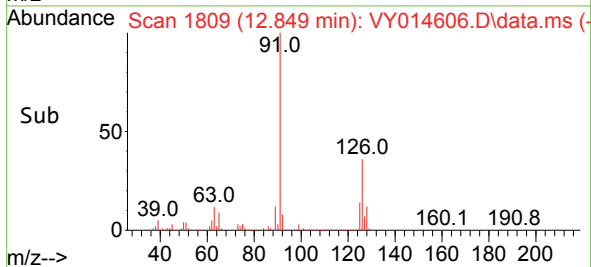
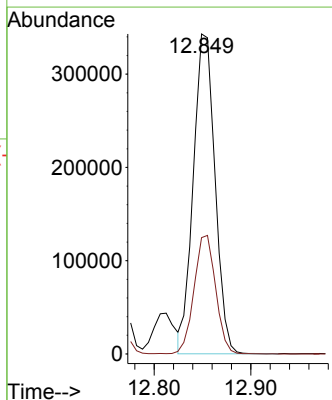
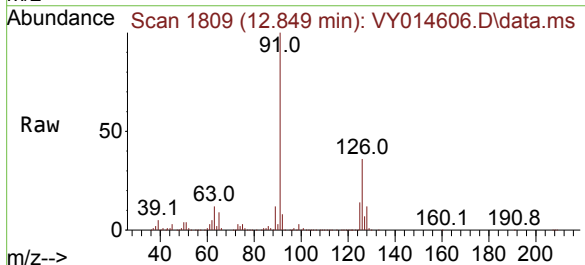
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

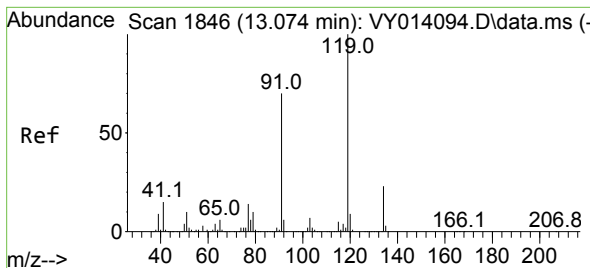
Tgt Ion: 75 Resp: 61819  
Ion Ratio Lower Upper  
75 100  
53 80.3 77.8 116.8  
89 46.0 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 47.253 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 91 Resp: 534899  
Ion Ratio Lower Upper  
91 100  
126 37.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.159 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

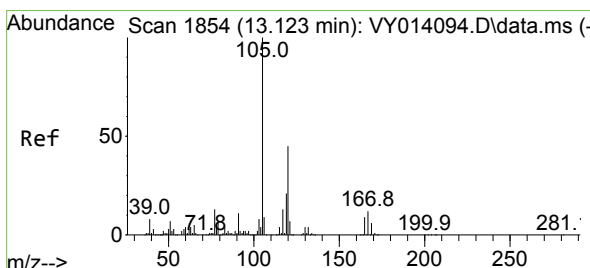
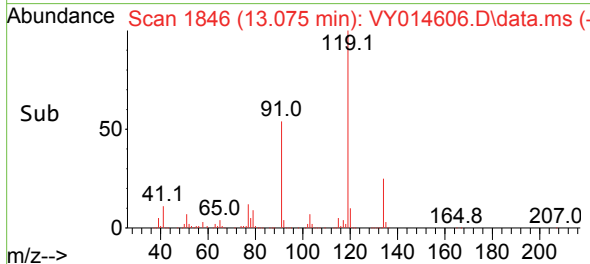
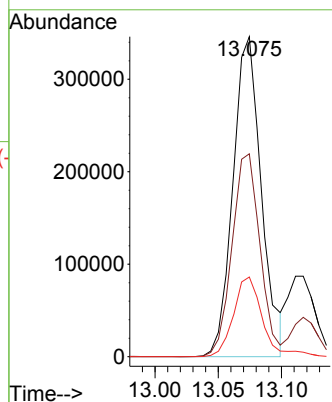
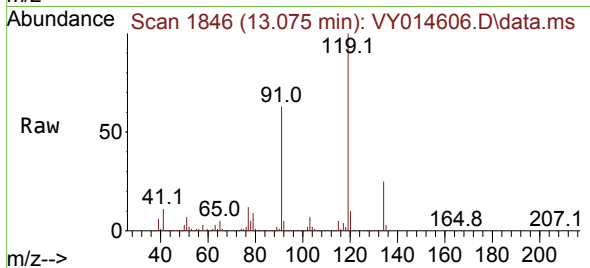
Tgt Ion:119 Resp: 540047

Ion Ratio Lower Upper

119 100

91 62.4 32.9 98.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.200 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014606.D

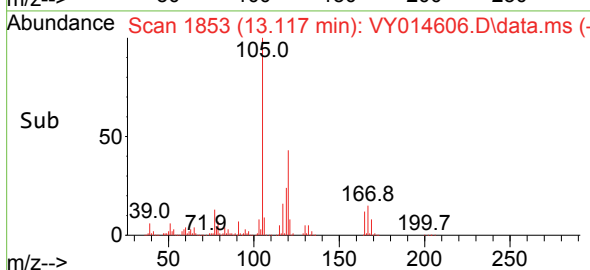
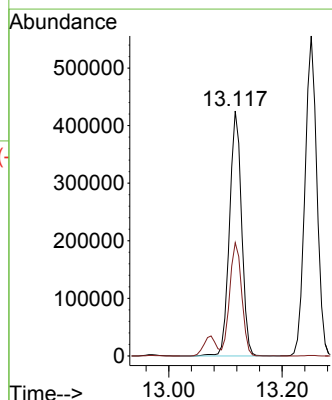
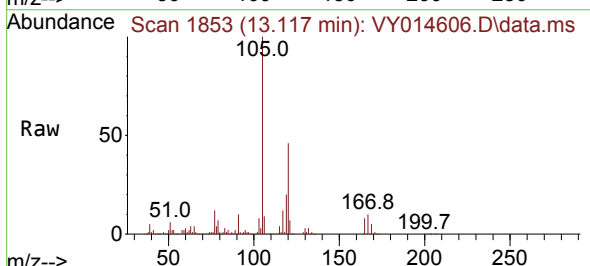
Acq: 07 Jul 2023 19:17

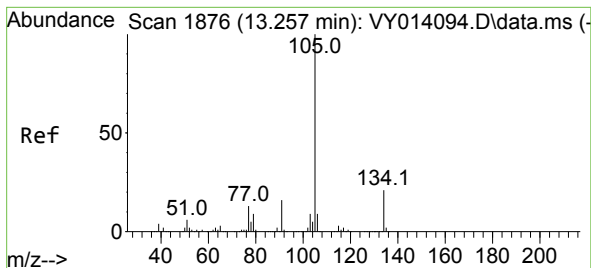
Tgt Ion:105 Resp: 626720

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.645 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

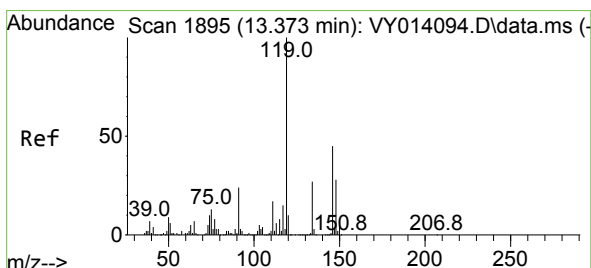
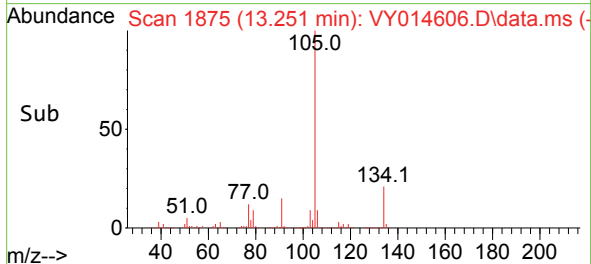
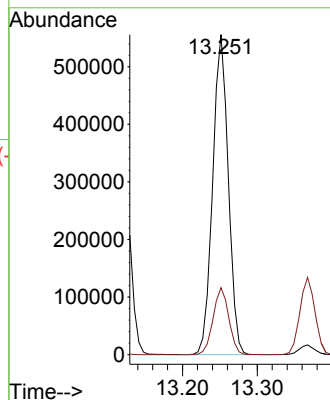
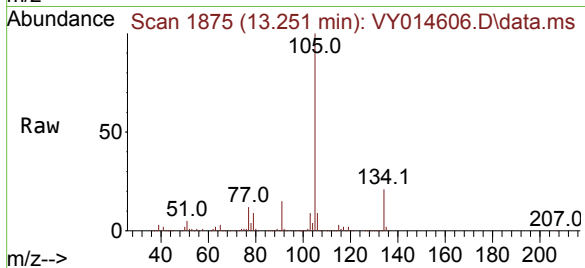
VSTDCCC050EC

Tgt Ion:105 Resp: 805140

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.853 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

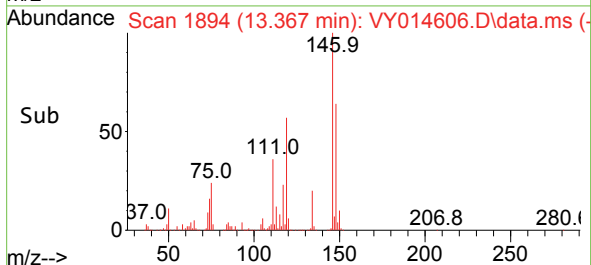
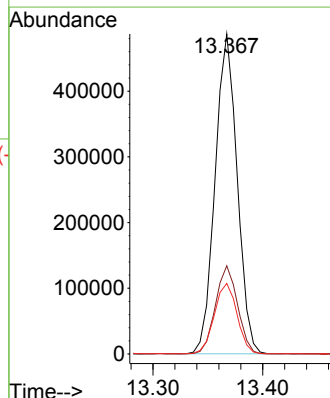
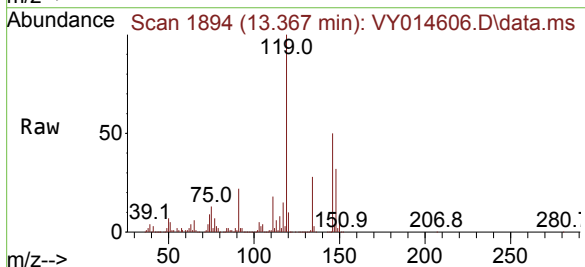
Tgt Ion:119 Resp: 680526

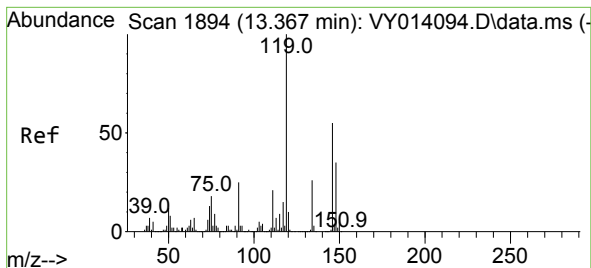
Ion Ratio Lower Upper

119 100

134 27.7 13.3 39.8

91 22.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.320 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

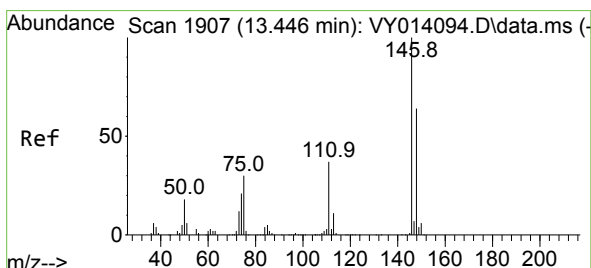
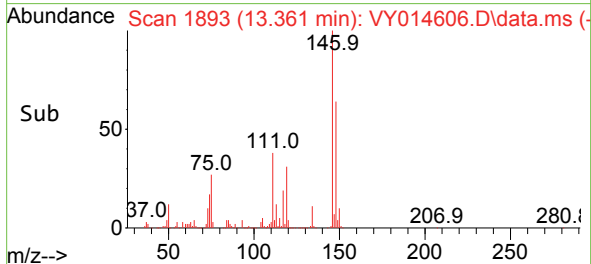
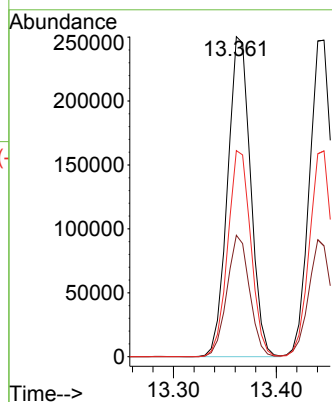
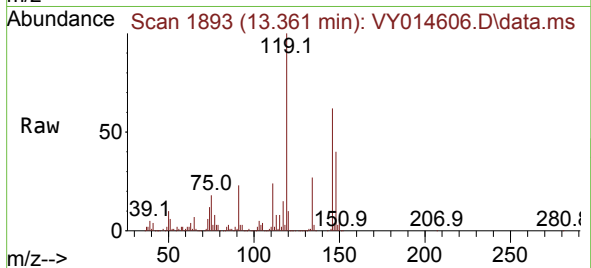
Tgt Ion:146 Resp: 388953

Ion Ratio Lower Upper

146 100

111 37.3 19.4 58.2

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.886 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

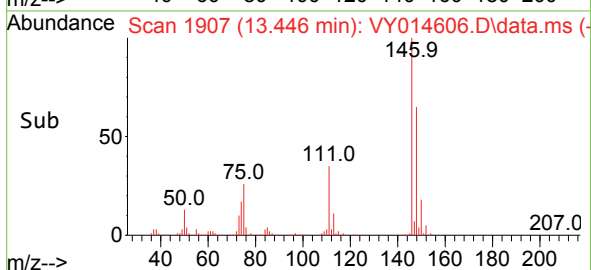
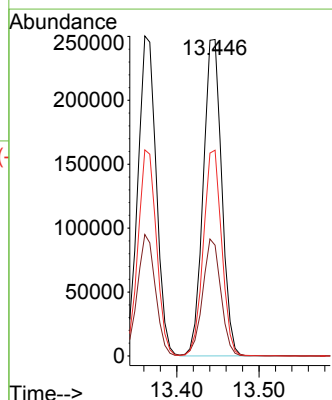
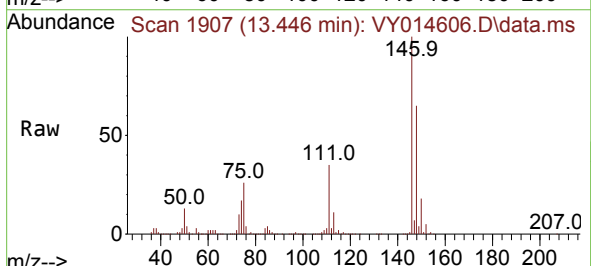
Tgt Ion:146 Resp: 386223

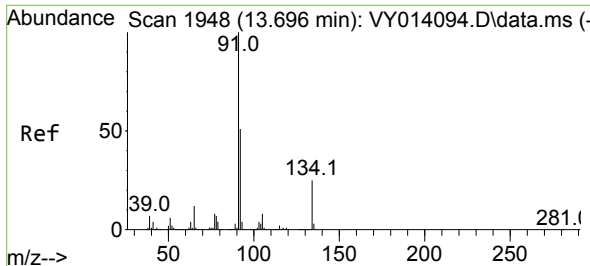
Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.7

148 64.7 32.1 96.5

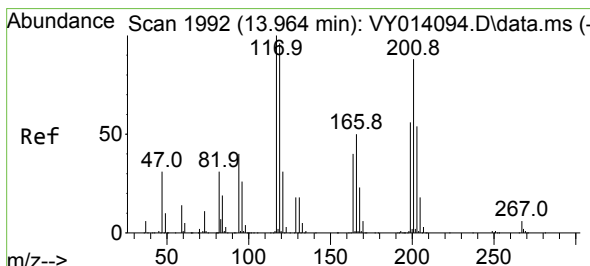
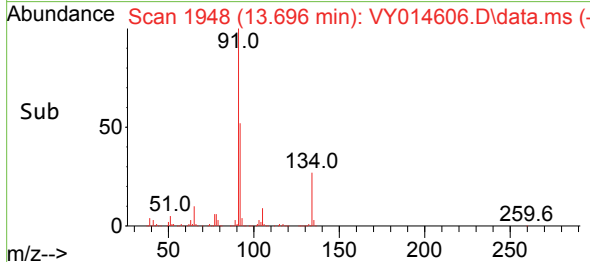
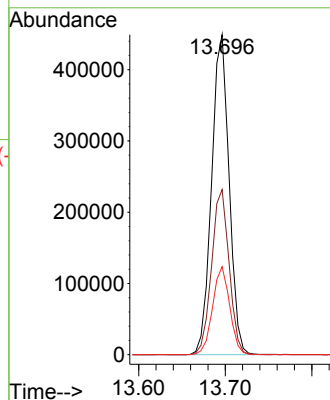
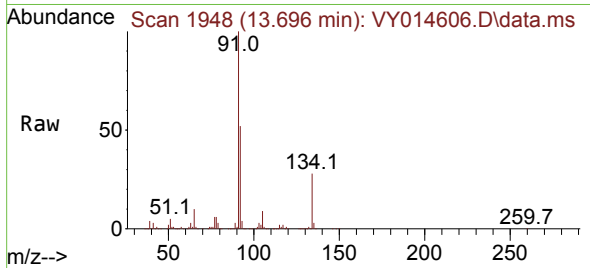




#89  
n-Butylbenzene  
Concen: 47.885 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

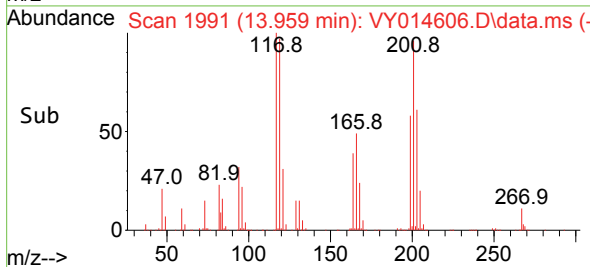
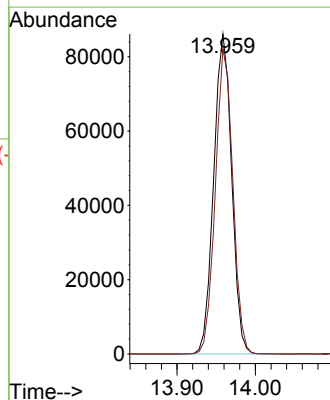
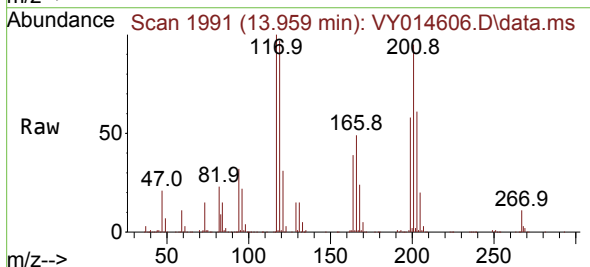
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

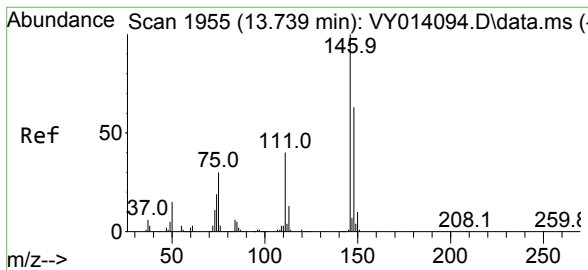
Tgt Ion: 91 Resp: 629329  
Ion Ratio Lower Upper  
91 100  
92 51.7 25.4 76.0  
134 26.9 12.6 37.6



#90  
Hexachloroethane  
Concen: 48.645 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.005 min  
Lab File: VY014606.D  
Acq: 07 Jul 2023 19:17

Tgt Ion: 117 Resp: 137032  
Ion Ratio Lower Upper  
117 100  
201 93.1 41.6 124.8

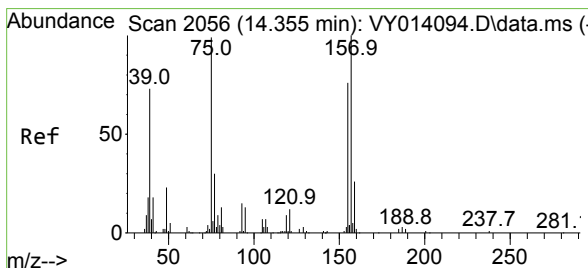
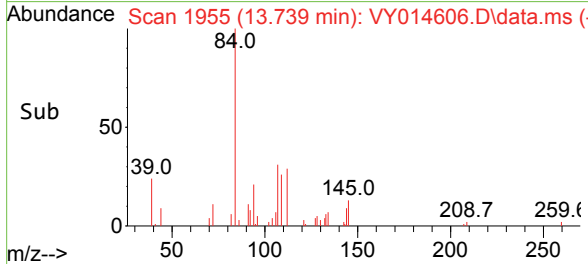
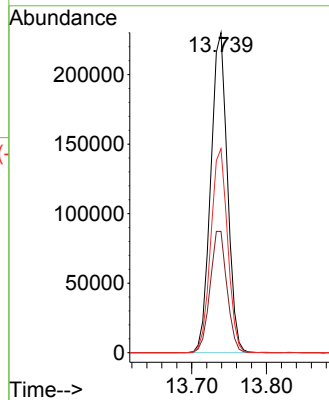
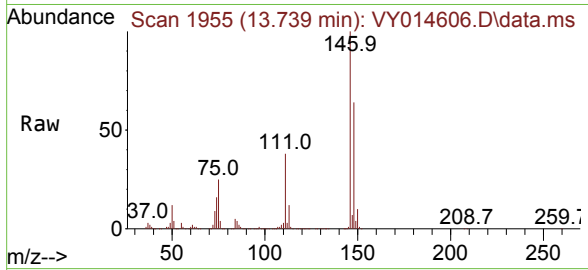




#91  
 1,2-Dichlorobenzene  
 Concen: 47.839 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

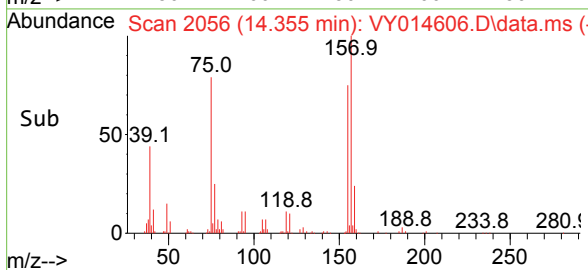
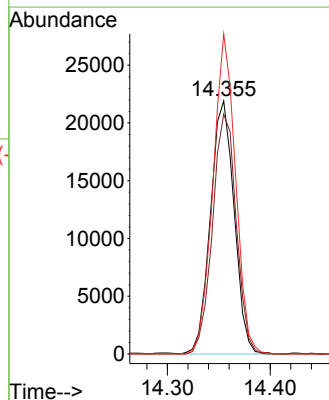
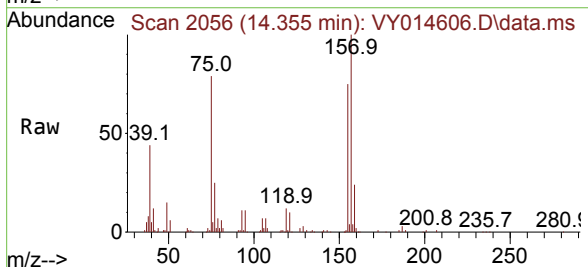
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

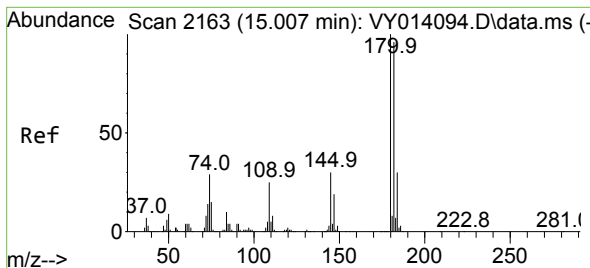
Tgt Ion:146 Resp: 356179  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 19.7 59.0  
 148 64.5 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.379 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY014606.D  
 Acq: 07 Jul 2023 19:17

Tgt Ion: 75 Resp: 34985  
 Ion Ratio Lower Upper  
 75 100  
 155 94.8 41.5 124.6  
 157 120.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.662 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

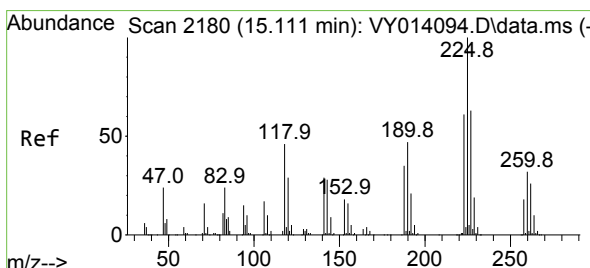
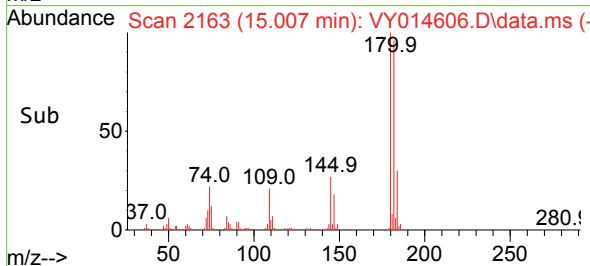
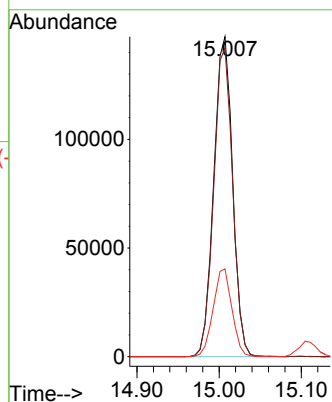
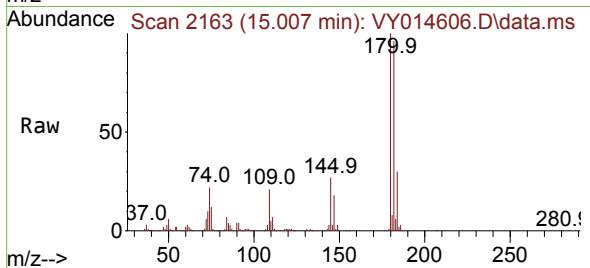
Tgt Ion:180 Resp: 234013

Ion Ratio Lower Upper

180 100

182 96.8 47.0 141.2

145 27.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.322 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

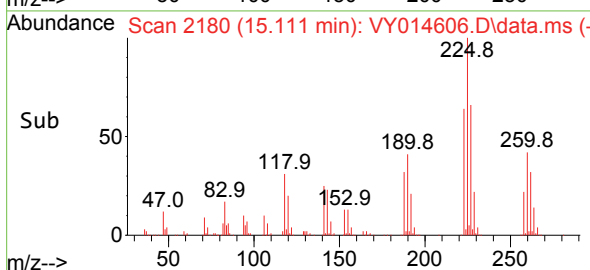
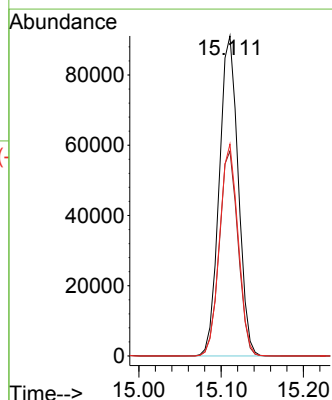
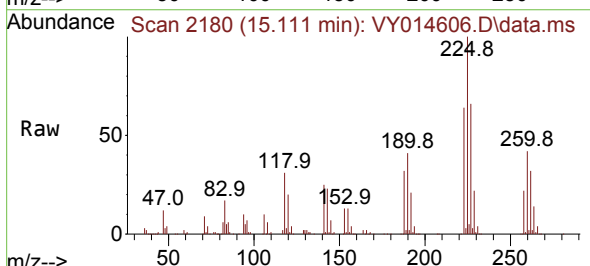
Tgt Ion:225 Resp: 145777

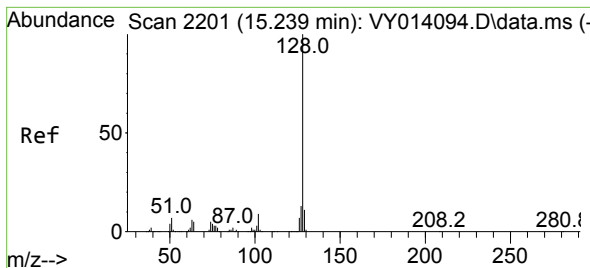
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 65.0 33.0 98.9





#95

Naphthalene

Concen: 48.980 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

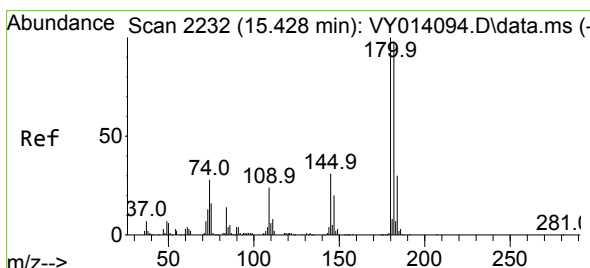
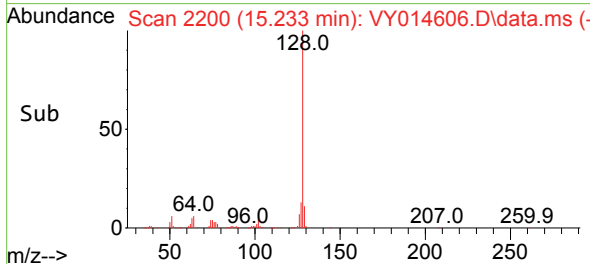
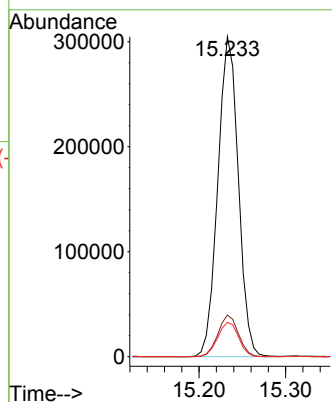
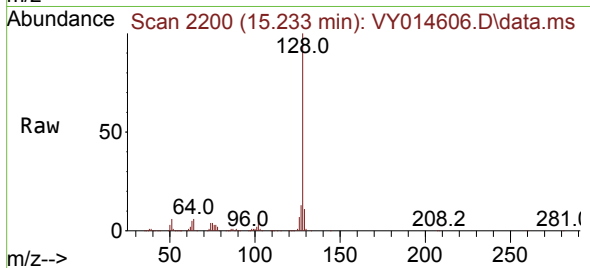
Tgt Ion:128 Resp: 501128

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.327 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Tgt Ion:180 Resp: 220519

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 29.0 15.4 46.2

