

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060823\  
 Data File : VY014086.D  
 Acq On : 08 Jun 2023 20:22  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 09 04:25:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 07:00:14 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 210439   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 321920   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 303358   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 161696   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 141711   | 50.871   | ug/l       | 0.01     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 101.740% |          |
| 35) Dibromofluoromethane     | 7.722  | 113   | 116652   | 57.019   | ug/l       | 0.01     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 114.040% |          |
| 50) Toluene-d8               | 10.179 | 98    | 416746   | 53.404   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 106.800% |          |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 152031   | 57.145   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 114.300% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 83443    | 45.065   | ug/l       | 92       |
| 3) Chloromethane             | 2.113  | 50    | 100902   | 39.346   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.253  | 62    | 103165   | 43.425   | ug/l       | 100      |
| 5) Bromomethane              | 2.662  | 94    | 86281    | 41.708   | ug/l       | 94       |
| 6) Chloroethane              | 2.802  | 64    | 73119    | 43.005   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 192731   | 51.318   | ug/l       | 100      |
| 8) Diethyl Ether             | 3.534  | 74    | 69372    | 47.116   | ug/l       | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.905  | 101   | 103686   | 53.743   | ug/l       | 99       |
| 10) Methyl Iodide            | 4.094  | 142   | 114061   | 42.897   | ug/l       | 98       |
| 11) Tert butyl alcohol       | 4.984  | 59    | 65353    | 114.149  | ug/l #     | 94       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 94194    | 46.565   | ug/l       | 99       |
| 13) Acrolein                 | 3.735  | 56    | 42903    | 163.639  | ug/l       | 96       |
| 14) Allyl chloride           | 4.491  | 41    | 172585   | 43.963   | ug/l       | 98       |
| 15) Acrylonitrile            | 5.167  | 53    | 202619   | 247.991  | ug/l       | 100      |
| 16) Acetone                  | 3.960  | 43    | 193700   | 203.235  | ug/l       | 98       |
| 17) Carbon Disulfide         | 4.204  | 76    | 236273   | 34.542   | ug/l       | 98       |
| 18) Methyl Acetate           | 4.485  | 43    | 159673   | 46.371   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 5.228  | 73    | 333462   | 50.952   | ug/l       | 97       |
| 20) Methylene Chloride       | 4.722  | 84    | 120049   | 46.269   | ug/l       | 94       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 105158   | 45.895   | ug/l       | 95       |
| 22) Diisopropyl ether        | 6.125  | 45    | 388954   | 51.114   | ug/l       | 97       |
| 23) Vinyl Acetate            | 6.064  | 43    | 1173768  | 245.925  | ug/l       | 100      |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 207900   | 48.947   | ug/l       | 98       |
| 25) 2-Butanone               | 6.996  | 43    | 272296   | 229.331  | ug/l       | 97       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 188167   | 48.815   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 6.990  | 96    | 129504   | 49.367   | ug/l       | 98       |
| 28) Bromochloromethane       | 7.338  | 49    | 99593    | 49.649   | ug/l       | 97       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 179549   | 243.174  | ug/l       | 99       |
| 30) Chloroform               | 7.515  | 83    | 234148   | 52.505   | ug/l       | 99       |
| 31) Cyclohexane              | 7.789  | 56    | 147547   | 43.986   | ug/l       | 97       |
| 32) 1,1,1-Trichloroethane    | 7.704  | 97    | 203986   | 53.925   | ug/l       | 100      |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 151641   | 52.027   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.076  | 43    | 126849   | 49.917   | ug/l       | 99       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 184362   | 56.447   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.185  | 83    | 163292   | 52.478   | ug/l       | 98       |
| 40) Benzene                  | 8.161  | 78    | 463318   | 51.530   | ug/l       | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060823\  
 Data File : VY014086.D  
 Acq On : 08 Jun 2023 20:22  
 Operator : KP/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jun 09 04:25:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 07:00:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.313  | 41   | 64891    | 55.250   | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 176470   | 53.524   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.277  | 43   | 222019   | 51.887   | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 122383   | 51.977   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 123597   | 53.267   | ug/l   | 100      |
| 46) Dibromomethane            | 9.307  | 93   | 78637    | 52.938   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 183726   | 54.905   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 101923   | 52.333   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.319  | 88   | 24246    | 1122.380 | ug/l # | 48       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 661353   | 273.646  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 294869   | 53.534   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 197015   | 54.810   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 203446   | 53.012   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 109389   | 55.857   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 155299   | 55.231   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 182660   | 54.586   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 354001   | 255.336  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 470367   | 268.776  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.983 | 129  | 138563   | 55.981   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 104231   | 52.973   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 112508   | 54.136   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 327863   | 52.681   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 137005   | 56.548   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 582670   | 54.089   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 445644   | 108.299  | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 215177   | 54.572   | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 375742   | 55.480   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 99809    | 55.878   | ug/l   | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 572615   | 53.653   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 202406   | 49.432   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 141309   | 50.660   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 188020   | 86.409   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 145969   | 50.594   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 702216   | 53.686   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 403322   | 52.085   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 487543   | 53.300   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 49804    | 48.558   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 420492   | 51.633   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.074 | 119  | 424751   | 55.451   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 487778   | 53.389   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 621281   | 55.777   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 519596   | 55.263   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 284520   | 51.928   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 283510   | 51.153   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 486665   | 54.857   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 103448   | 52.424   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 260849   | 51.678   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 27214    | 50.584   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 163758   | 52.776   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 94195    | 56.993   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 362701   | 48.206   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 148706   | 52.618   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060823\  
Data File : VY014086.D  
Acq On : 08 Jun 2023 20:22  
Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

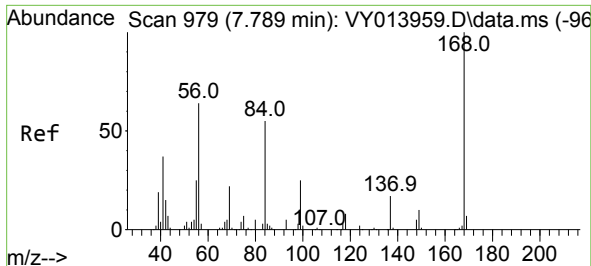
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 09 04:25:03 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 02 07:00:14 2023  
Response via : Initial Calibration

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

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

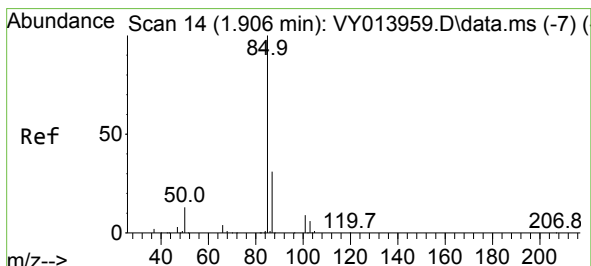
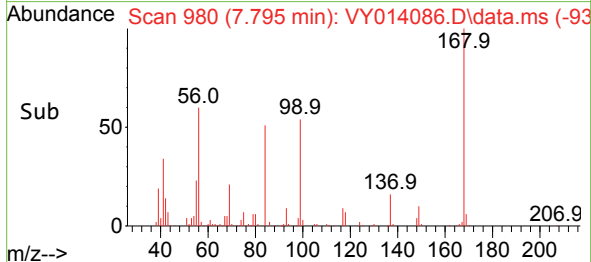
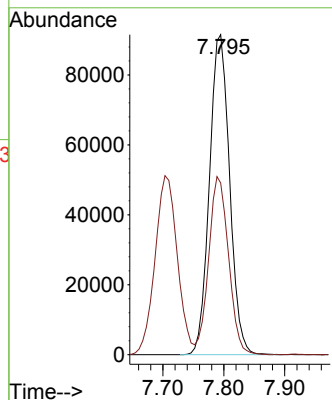
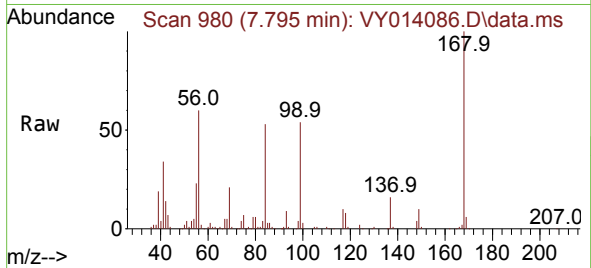




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

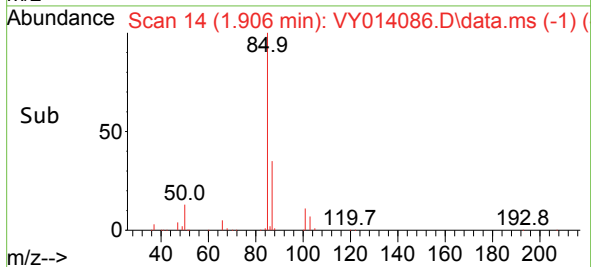
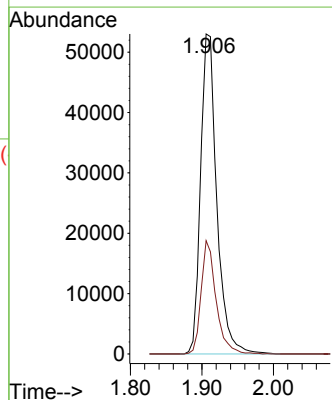
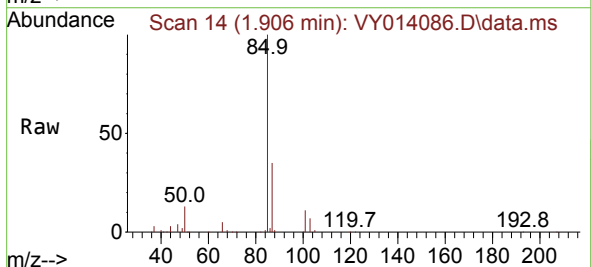
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

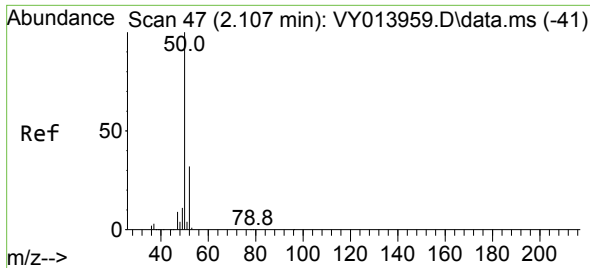
Tgt Ion:168 Resp: 210439  
Ion Ratio Lower Upper  
168 100  
99 53.7 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 45.065 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 85 Resp: 83443  
Ion Ratio Lower Upper  
85 100  
87 35.4 15.6 46.8

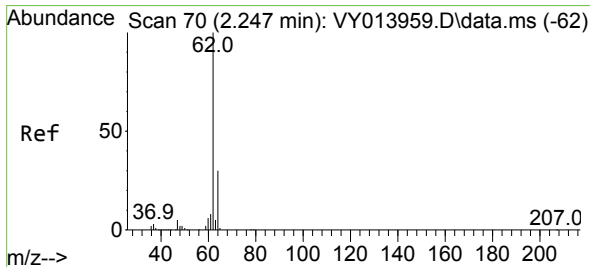
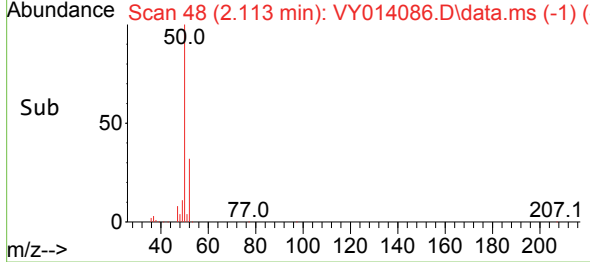
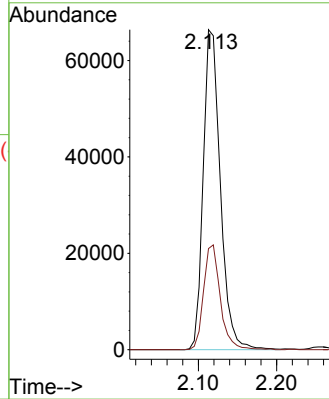
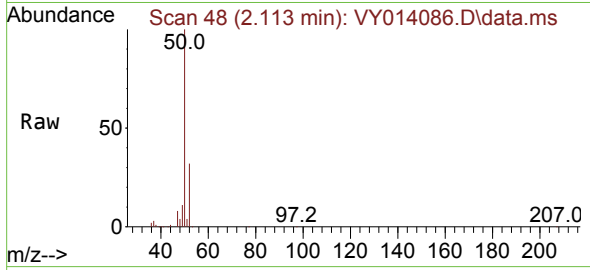




#3  
Chloromethane  
Concen: 39.346 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

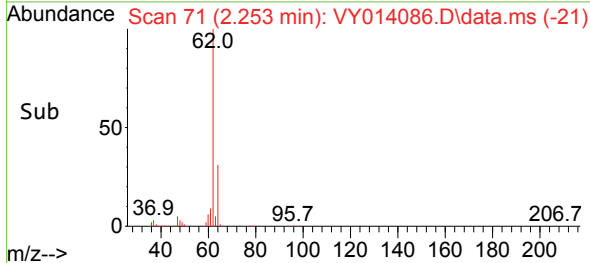
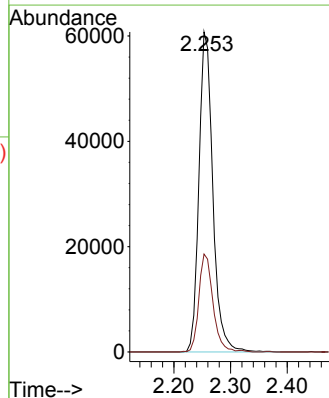
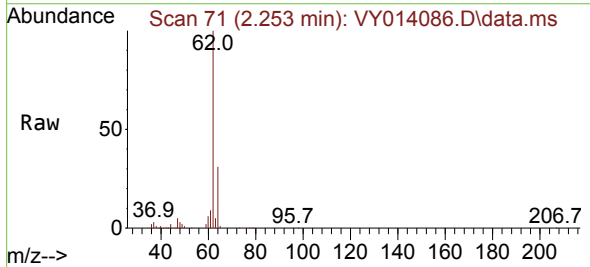
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

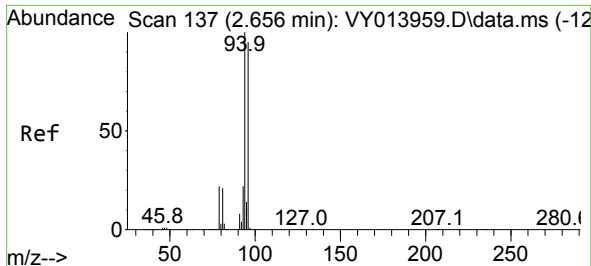
Tgt Ion: 50 Resp: 100902  
Ion Ratio Lower Upper  
50 100  
52 31.6 25.4 38.2



#4  
Vinyl Chloride  
Concen: 43.425 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 62 Resp: 103165  
Ion Ratio Lower Upper  
62 100  
64 30.6 24.3 36.5

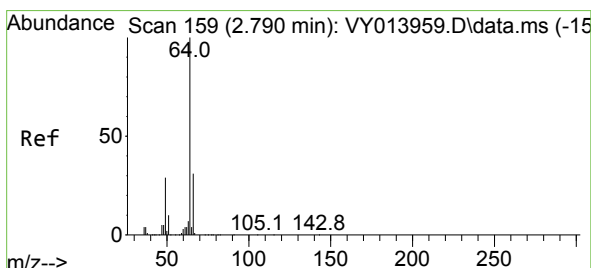
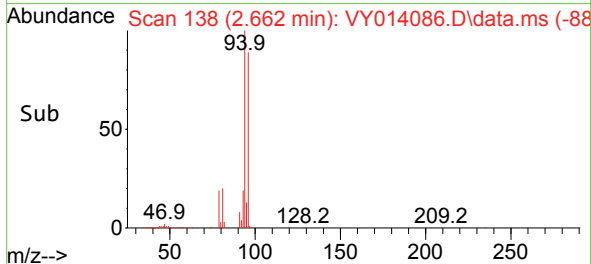
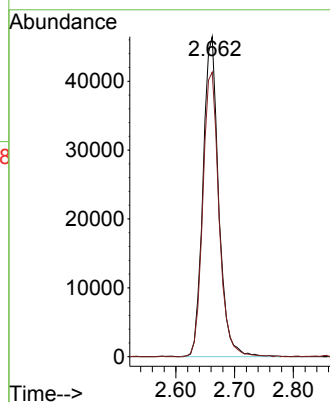
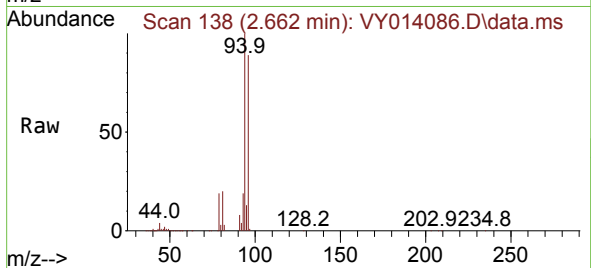




#5  
Bromomethane  
Concen: 41.708 ug/l  
RT: 2.662 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

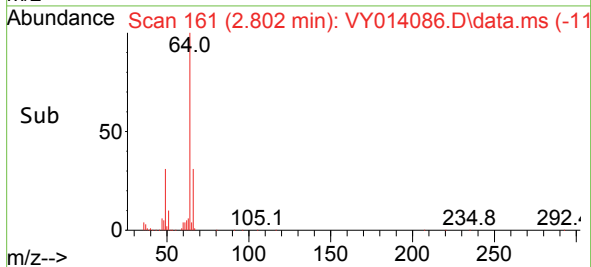
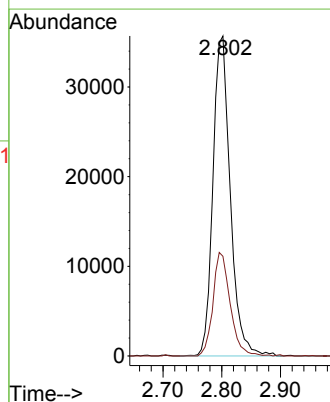
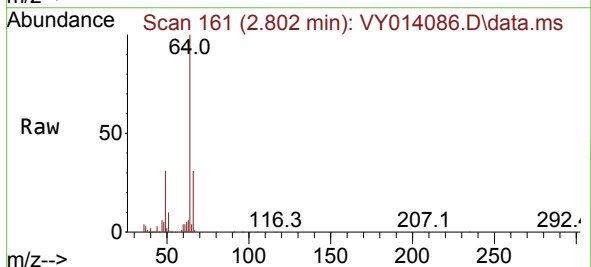
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

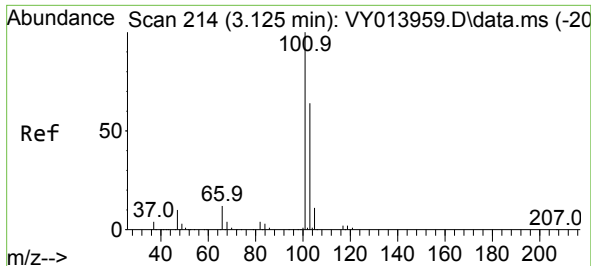
Tgt Ion: 94 Resp: 86281  
Ion Ratio Lower Upper  
94 100  
96 88.9 75.8 113.6



#6  
Chloroethane  
Concen: 43.005 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 64 Resp: 73119  
Ion Ratio Lower Upper  
64 100  
66 31.1 24.4 36.6

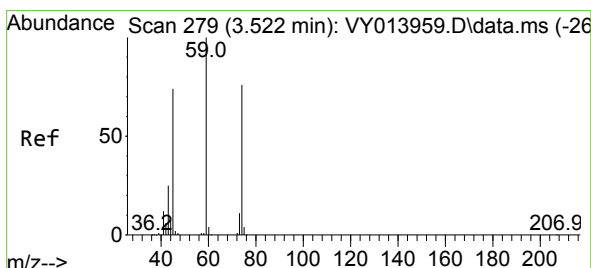
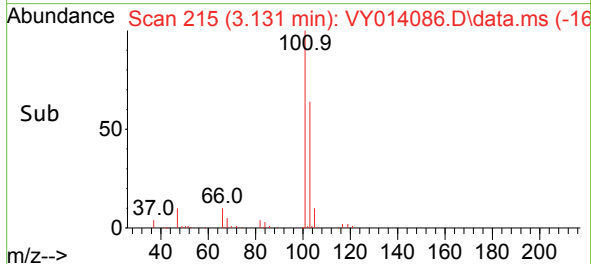
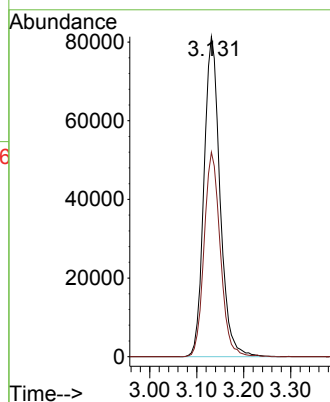
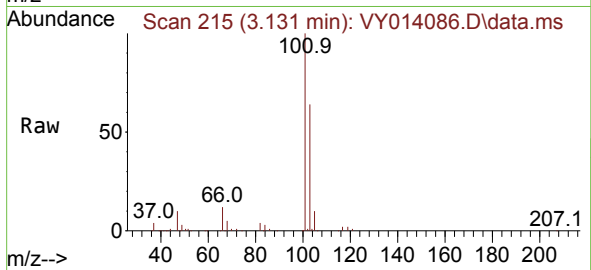




#7  
Trichlorofluoromethane  
Concen: 51.318 ug/l  
RT: 3.131 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

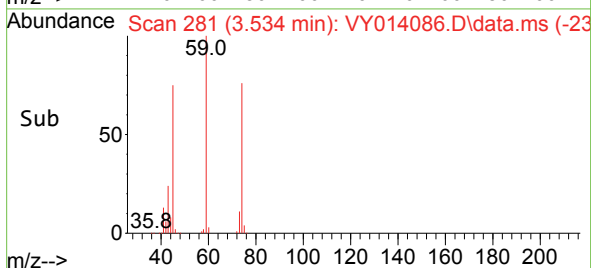
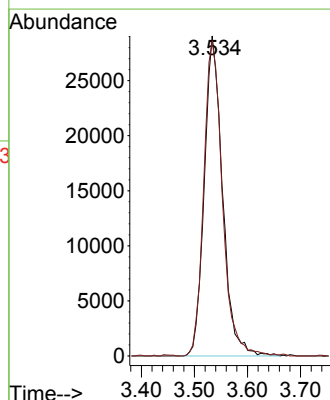
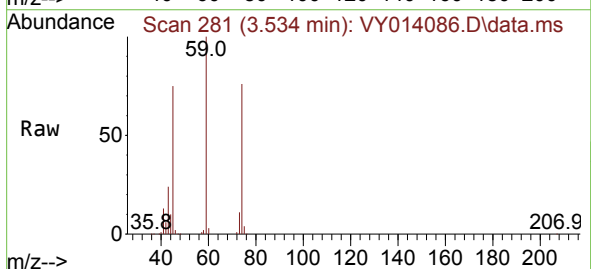
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

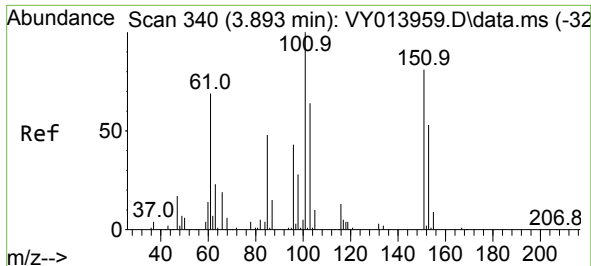
Tgt Ion:101 Resp: 192731  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.4 77.0



#8  
Diethyl Ether  
Concen: 47.116 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 74 Resp: 69372  
Ion Ratio Lower Upper  
74 100  
45 100.9 51.5 154.5

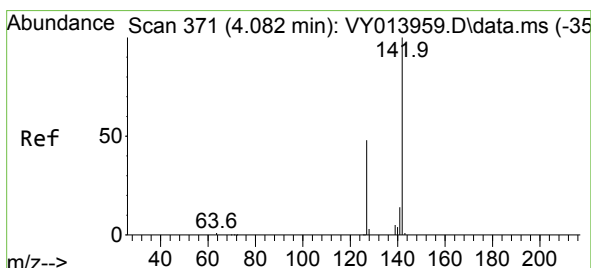
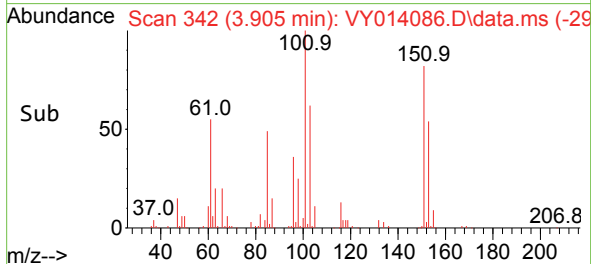
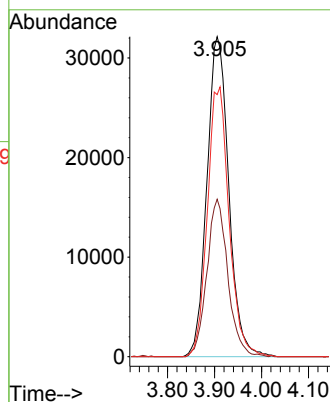
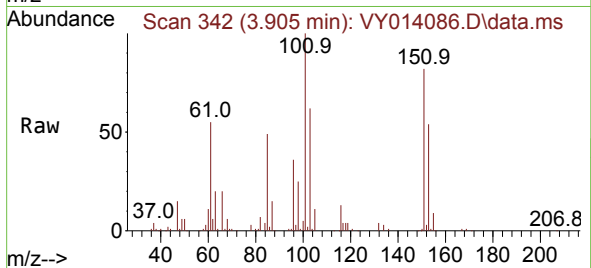




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.743 ug/l  
RT: 3.905 min Scan# 34  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

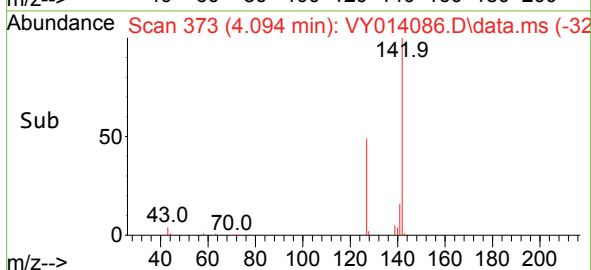
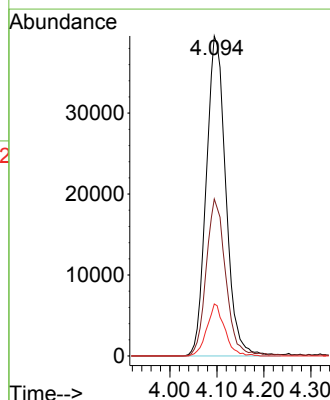
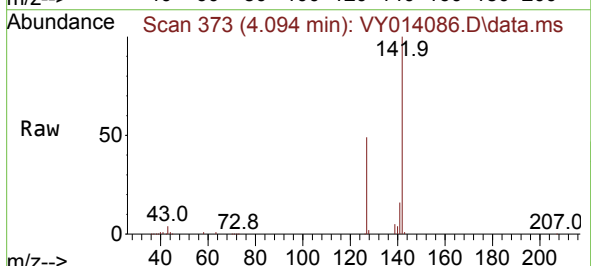
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

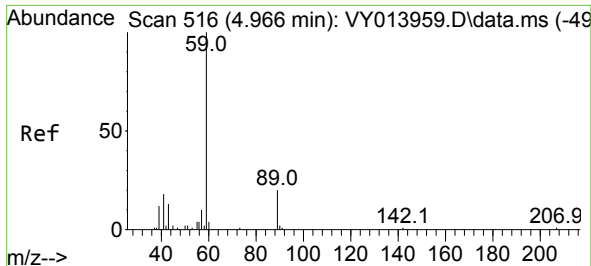
Tgt Ion:101 Resp: 103686  
Ion Ratio Lower Upper  
101 100  
85 47.4 36.6 55.0  
151 83.9 67.0 100.6



#10  
Methyl Iodide  
Concen: 42.897 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion:142 Resp: 114061  
Ion Ratio Lower Upper  
142 100  
127 48.8 37.6 56.4  
141 14.9 11.8 17.8

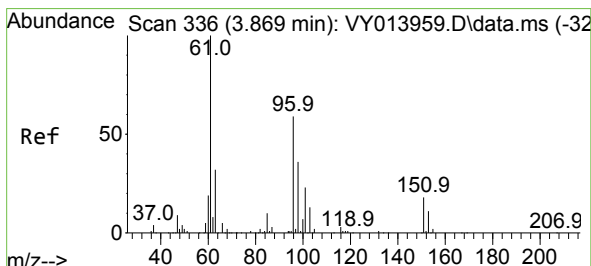
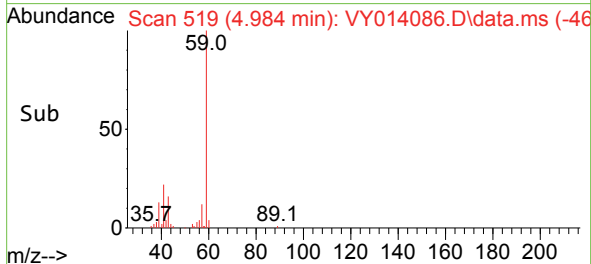
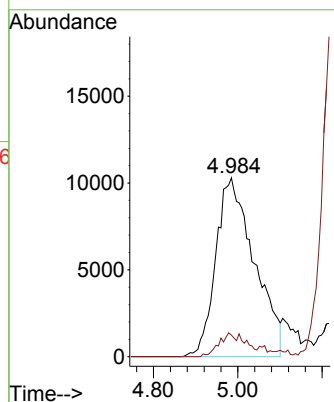
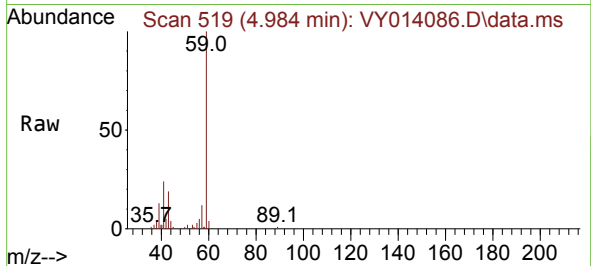




#11  
Tert butyl alcohol  
Concen: 114.149 ug/l  
RT: 4.984 min Scan# 516  
Delta R.T. 0.018 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

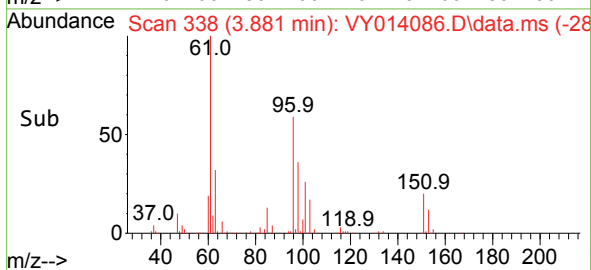
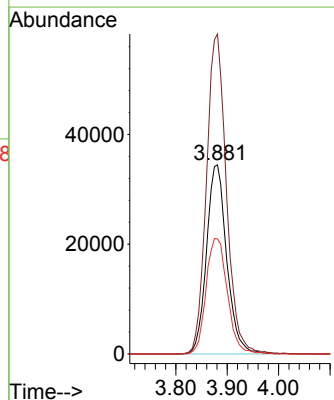
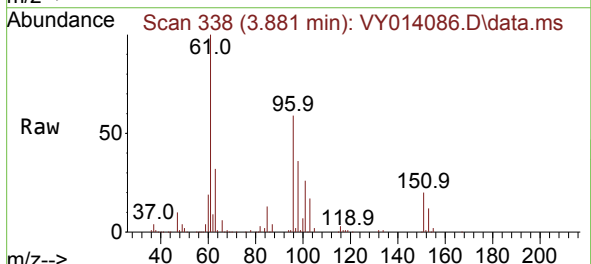
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

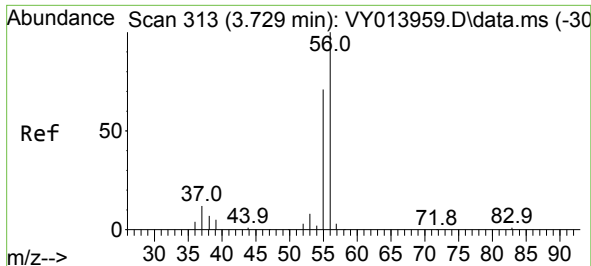
Tgt Ion: 59 Resp: 65353  
Ion Ratio Lower Upper  
59 100  
57 5.6 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 46.565 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 96 Resp: 94194  
Ion Ratio Lower Upper  
96 100  
61 169.1 136.4 204.6  
98 60.8 49.4 74.2





#13

Acrolein

Concen: 163.639 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

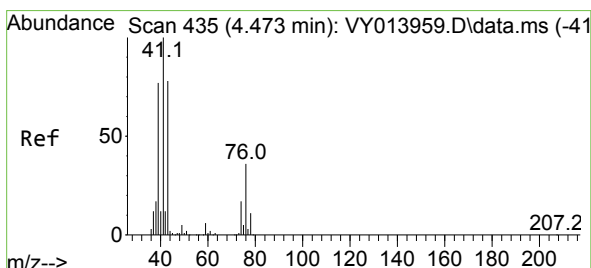
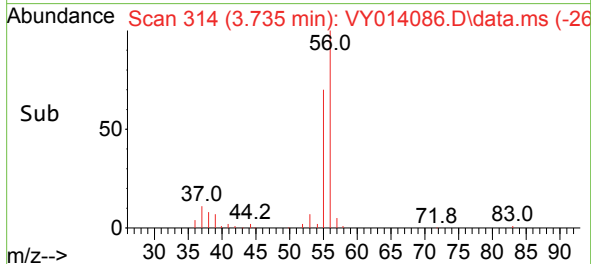
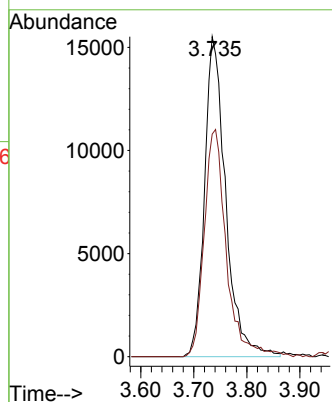
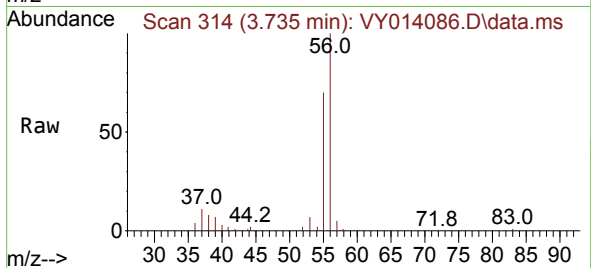
VSTDCCC050EC

Tgt Ion: 56 Resp: 42903

Ion Ratio Lower Upper

56 100

55 74.3 57.0 85.4



#14

Allyl chloride

Concen: 43.963 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.018 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

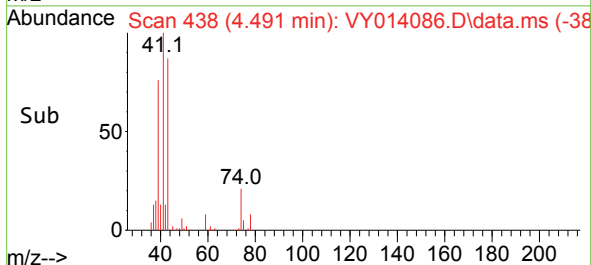
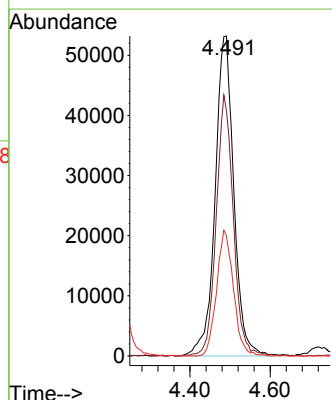
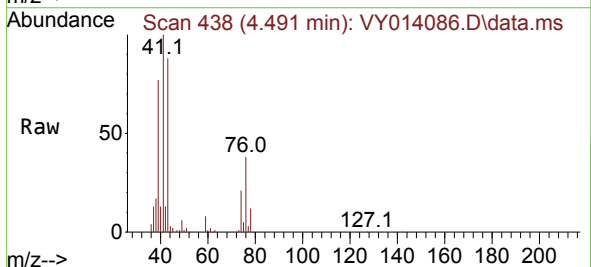
Tgt Ion: 41 Resp: 172585

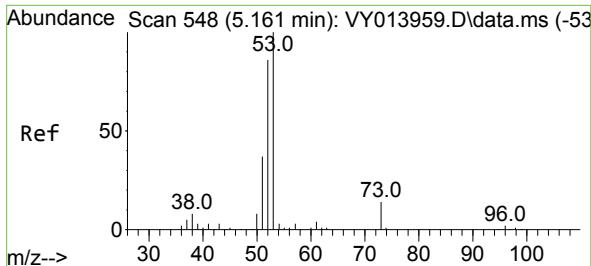
Ion Ratio Lower Upper

41 100

39 74.6 58.0 87.0

76 35.4 27.4 41.2

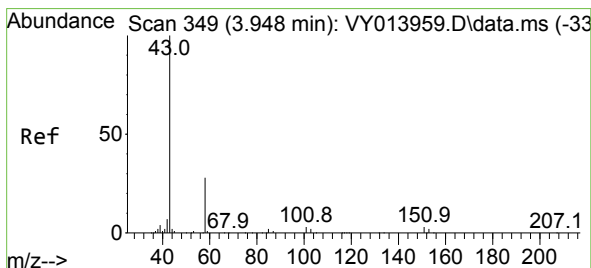
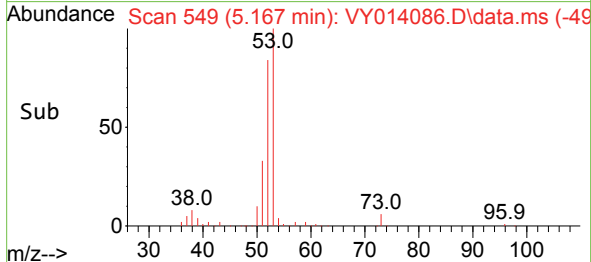
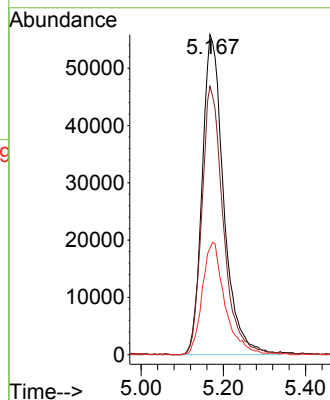
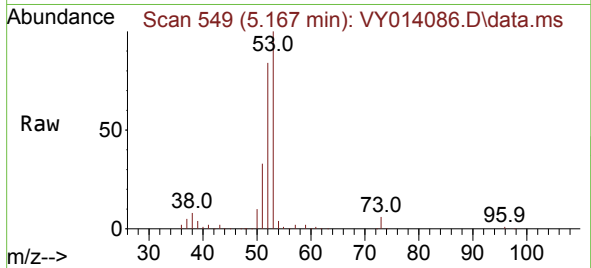




#15  
Acrylonitrile  
Concen: 247.991 ug/l  
RT: 5.167 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

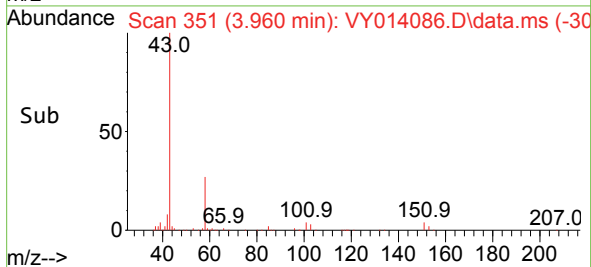
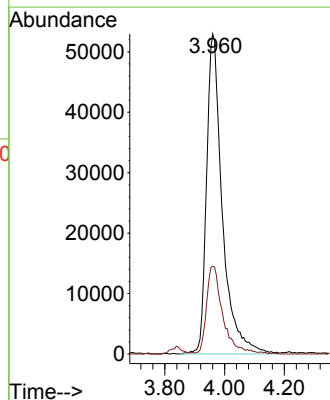
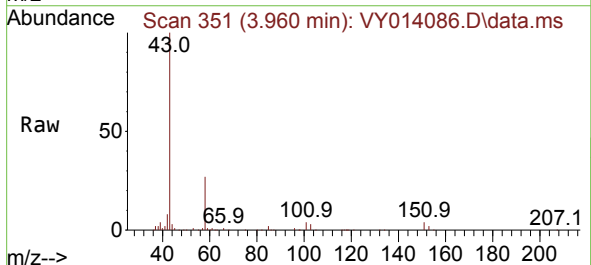
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

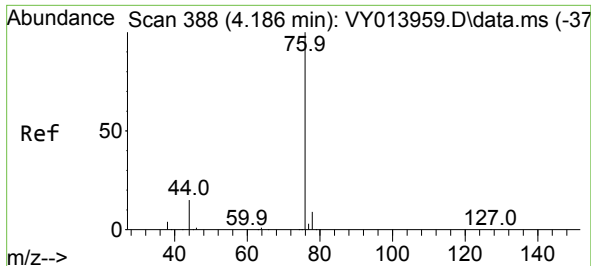
Tgt Ion: 53 Resp: 202619  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.9 100.3  
51 36.9 29.8 44.6



#16  
Acetone  
Concen: 203.235 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 43 Resp: 193700  
Ion Ratio Lower Upper  
43 100  
58 27.4 22.7 34.1

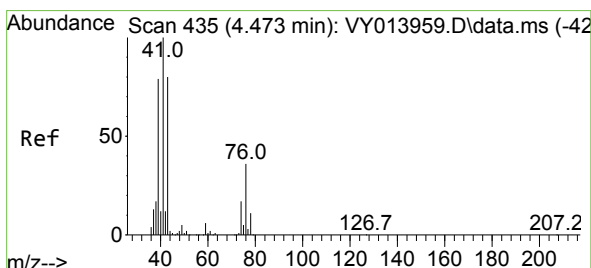
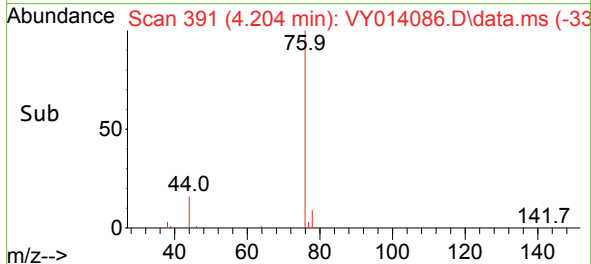
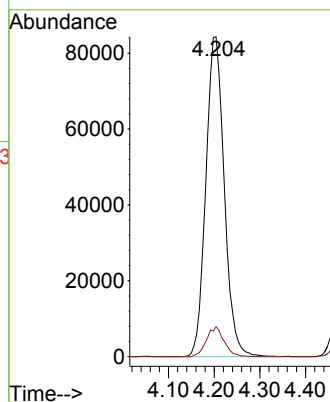
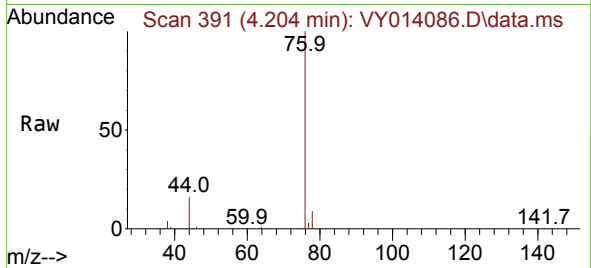




#17  
Carbon Disulfide  
Concen: 34.542 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.018 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

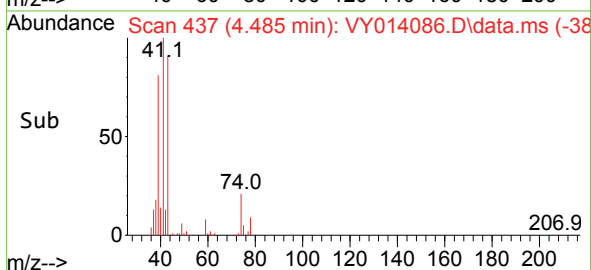
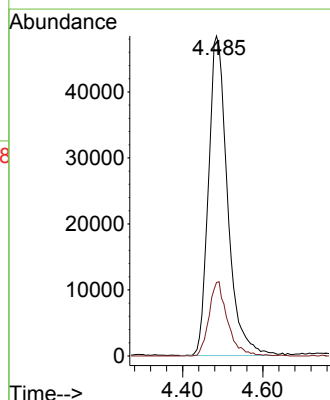
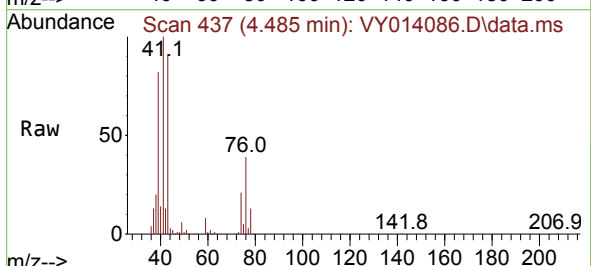
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

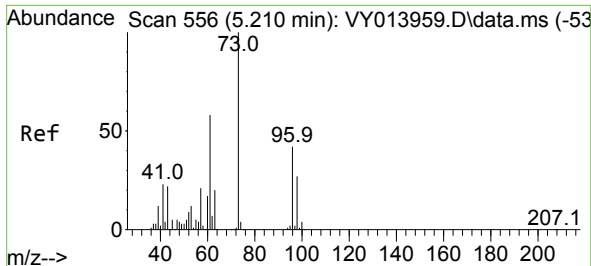
Tgt Ion: 76 Resp: 236273  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.4



#18  
Methyl Acetate  
Concen: 46.371 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 43 Resp: 159673  
Ion Ratio Lower Upper  
43 100  
74 22.5 17.4 26.0

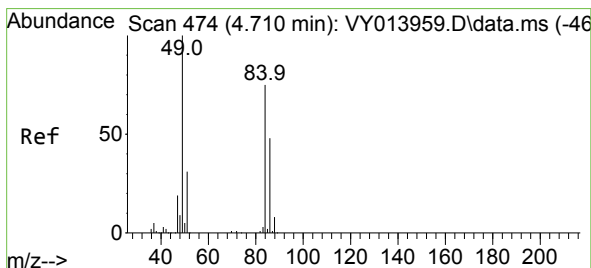
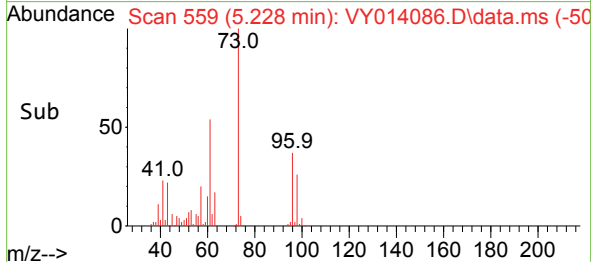
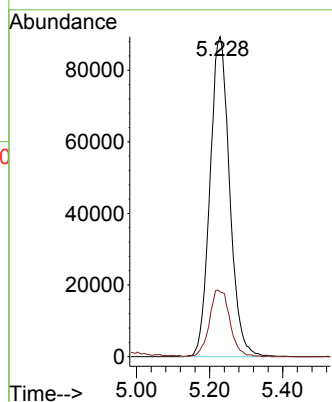
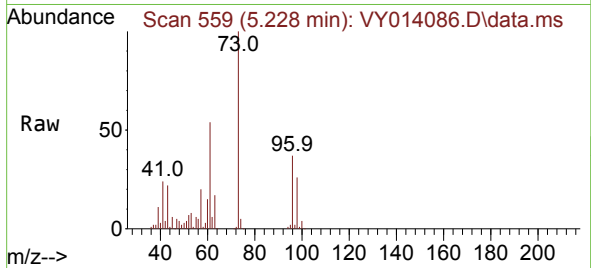




#19  
Methyl tert-butyl Ether  
Concen: 50.952 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

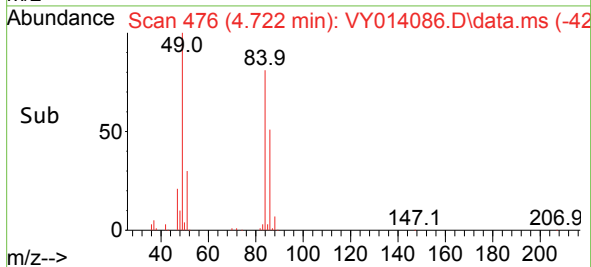
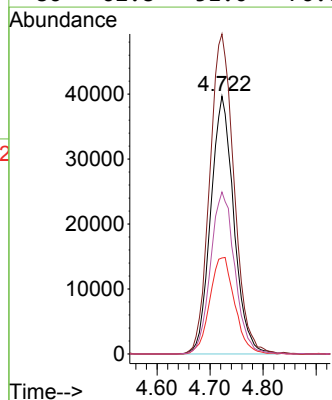
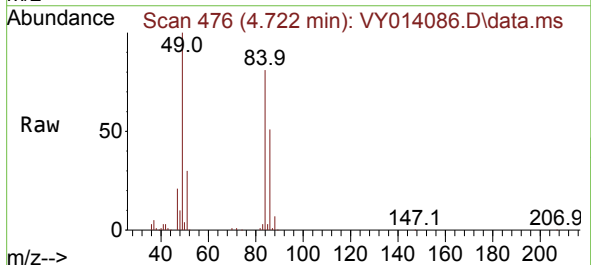
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

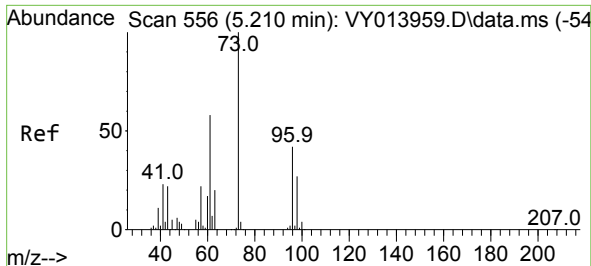
Tgt Ion: 73 Resp: 333462  
Ion Ratio Lower Upper  
73 100  
57 20.2 17.3 25.9



#20  
Methylene Chloride  
Concen: 46.269 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 84 Resp: 120049  
Ion Ratio Lower Upper  
84 100  
49 124.0 106.9 160.3  
51 37.2 33.2 49.8  
86 62.8 51.0 76.6

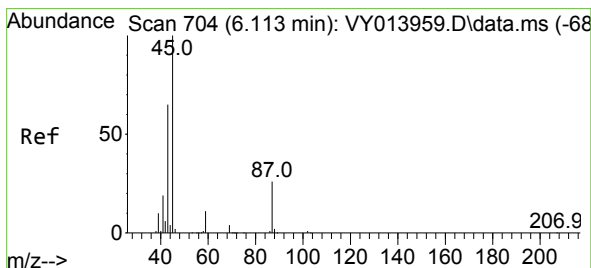
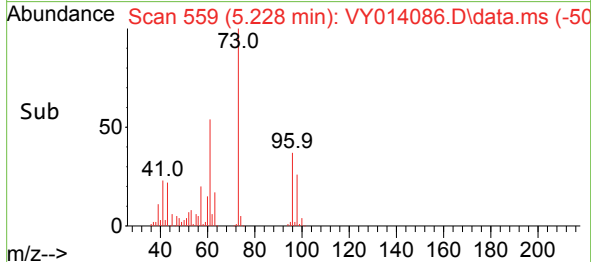
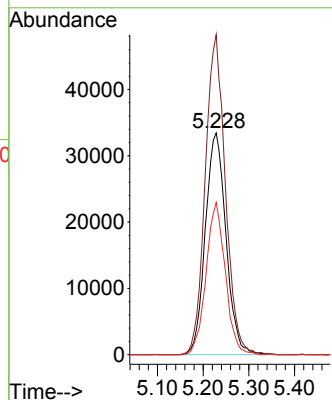
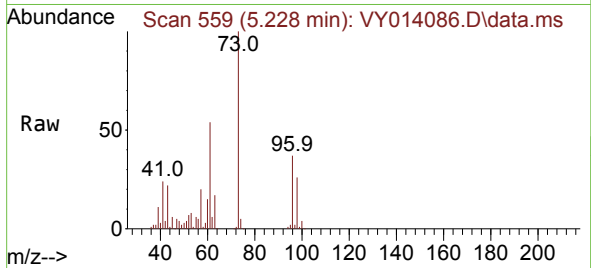




#21  
trans-1,2-Dichloroethene  
Concen: 45.895 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

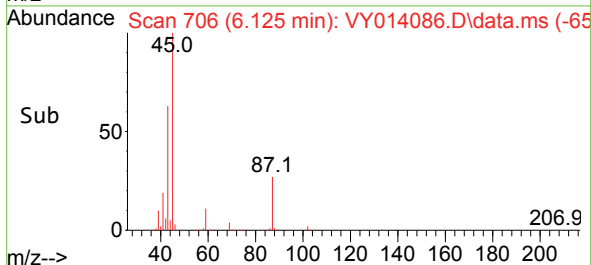
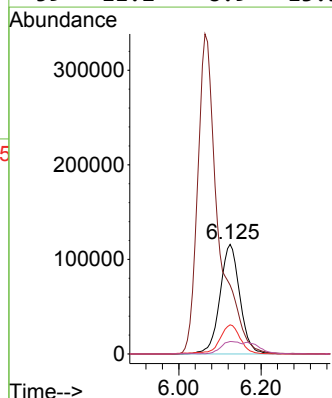
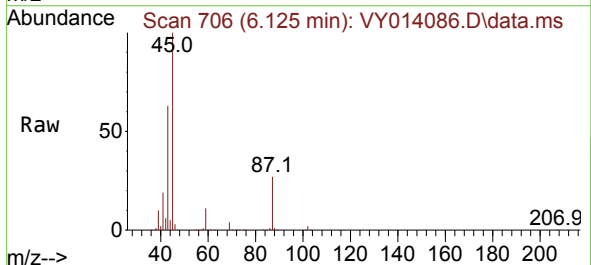
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

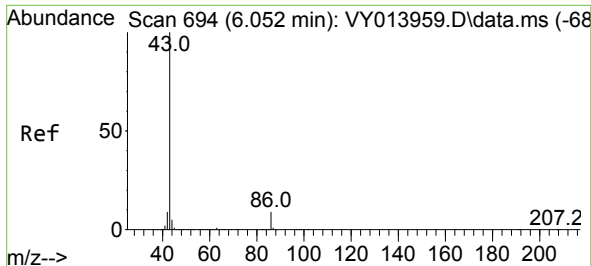
Tgt Ion: 96 Resp: 105158  
Ion Ratio Lower Upper  
96 100  
61 144.3 110.2 165.4  
98 68.6 51.8 77.6



#22  
Diisopropyl ether  
Concen: 51.114 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 45 Resp: 388954  
Ion Ratio Lower Upper  
45 100  
43 62.4 52.2 78.4  
87 26.6 21.0 31.6  
59 11.2 8.9 13.3

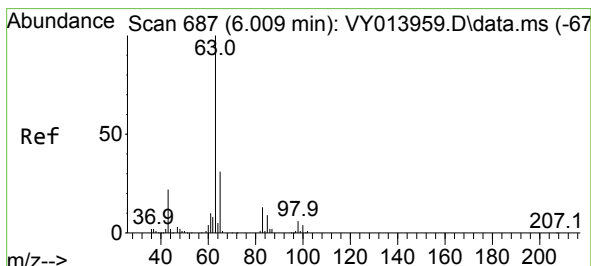
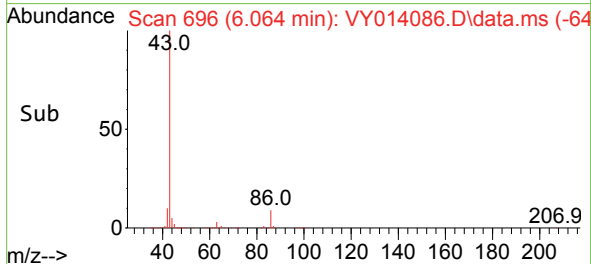
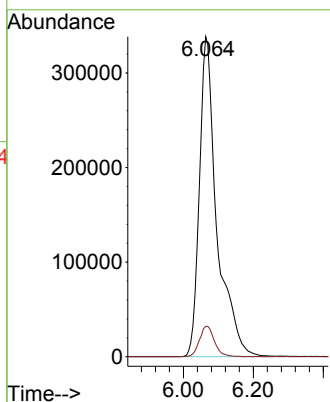
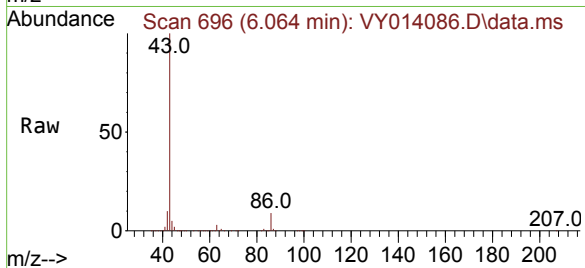




#23  
 Vinyl Acetate  
 Concen: 245.925 ug/l  
 RT: 6.064 min Scan# 694  
 Delta R.T. 0.012 min  
 Lab File: VY014086.D  
 Acq: 08 Jun 2023 20:22

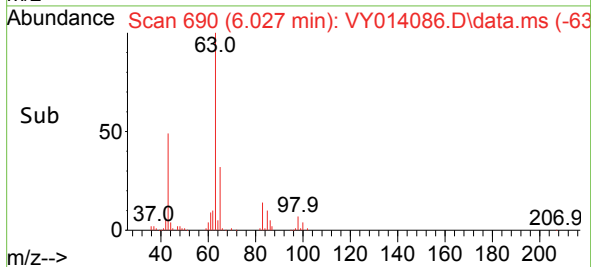
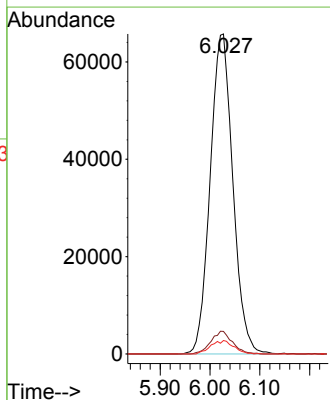
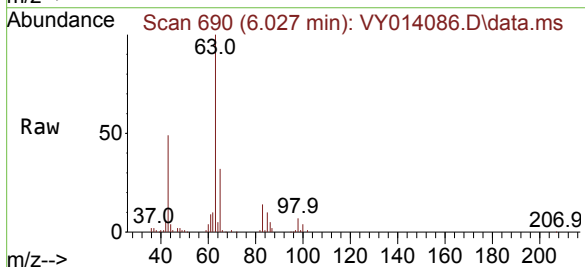
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

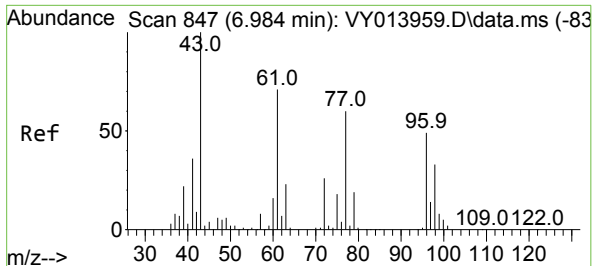
Tgt Ion: 43 Resp: 1173768  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 48.947 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.018 min  
 Lab File: VY014086.D  
 Acq: 08 Jun 2023 20:22

Tgt Ion: 63 Resp: 207900  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.1 9.4  
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 229.331 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

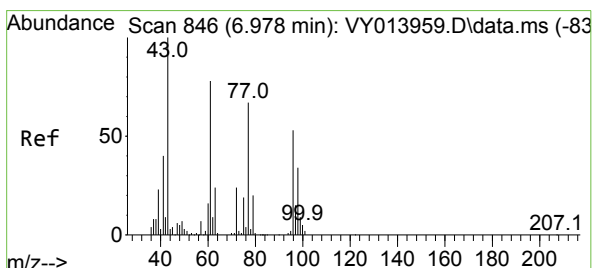
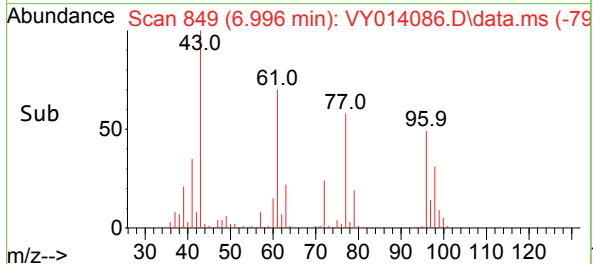
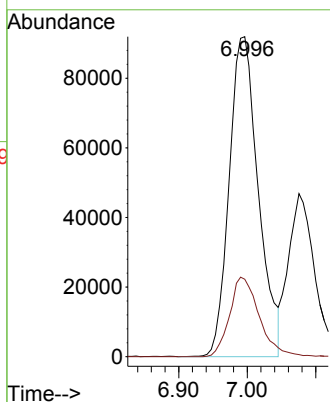
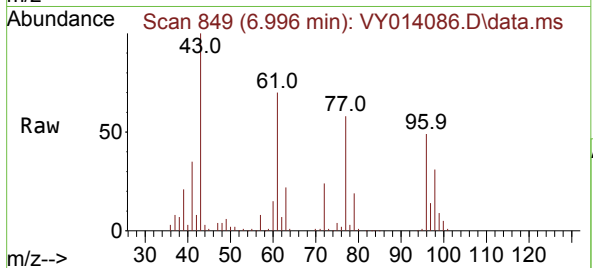
VSTDCCC050EC

Tgt Ion: 43 Resp: 272296

Ion Ratio Lower Upper

43 100

72 24.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 48.815 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014086.D

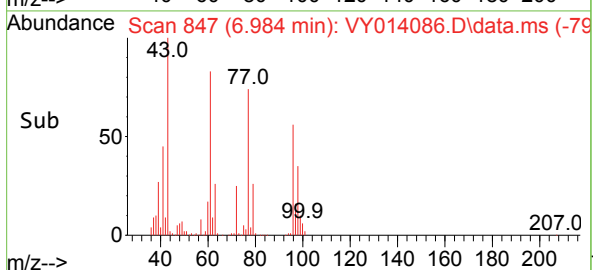
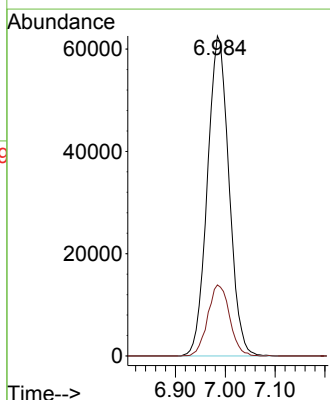
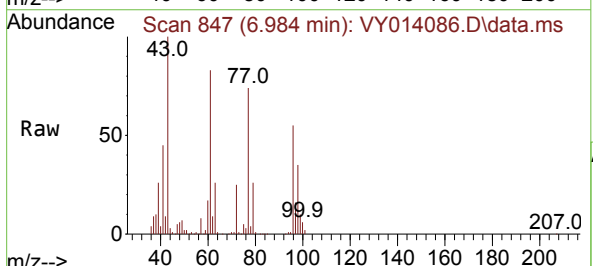
Acq: 08 Jun 2023 20:22

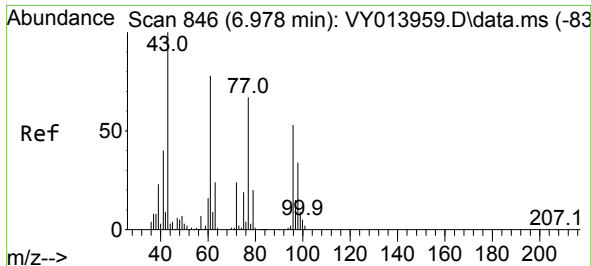
Tgt Ion: 77 Resp: 188167

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9

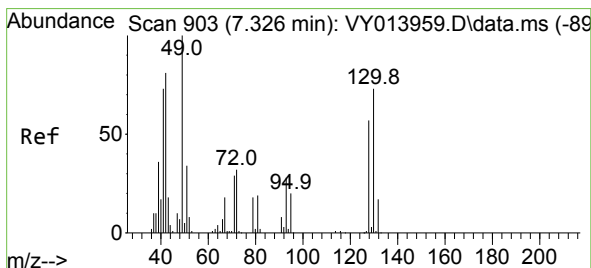
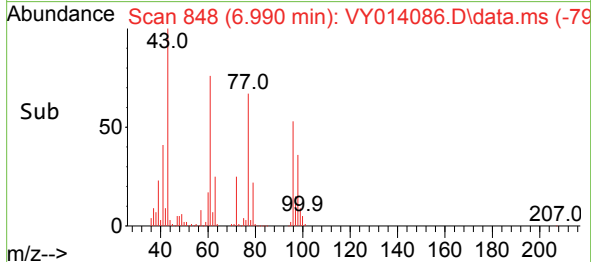
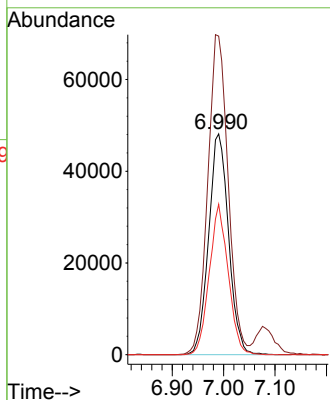
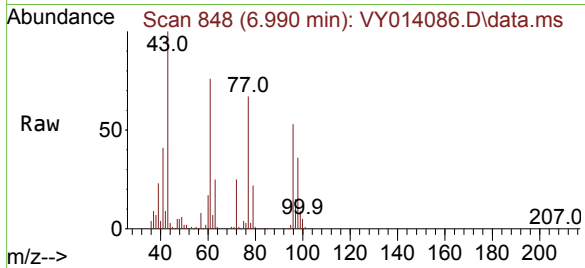




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.367 ug/l  
 RT: 6.990 min Scan# 846  
 Delta R.T. 0.012 min  
 Lab File: VY014086.D  
 Acq: 08 Jun 2023 20:22

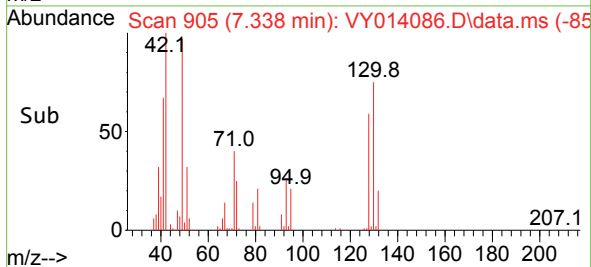
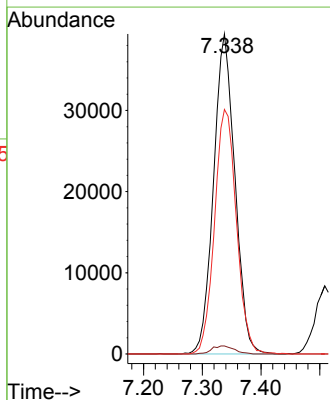
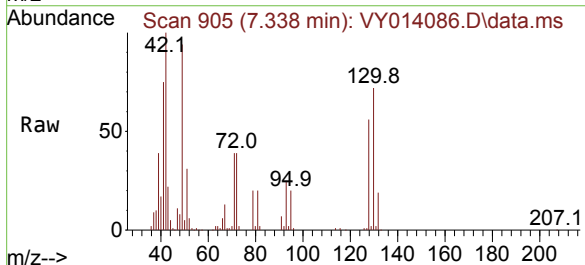
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

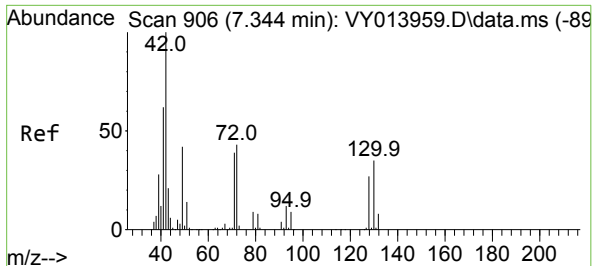
Tgt Ion: 96 Resp: 129504  
 Ion Ratio Lower Upper  
 96 100  
 61 148.0 0.0 301.4  
 98 64.7 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 49.649 ug/l  
 RT: 7.338 min Scan# 905  
 Delta R.T. 0.012 min  
 Lab File: VY014086.D  
 Acq: 08 Jun 2023 20:22

Tgt Ion: 49 Resp: 99593  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 4.6  
 130 78.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 243.174 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

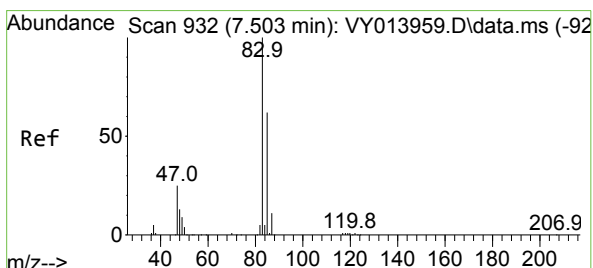
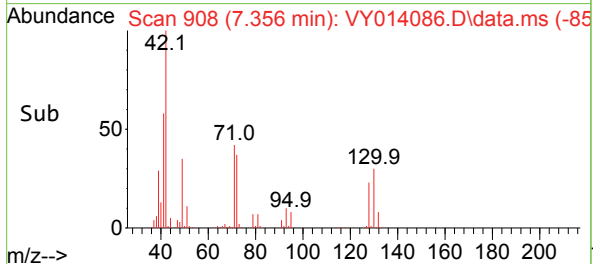
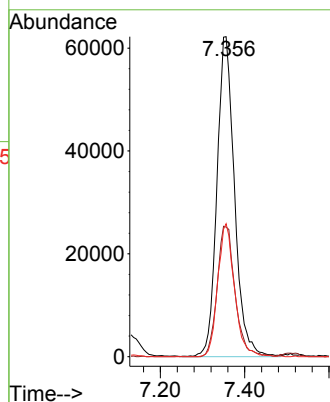
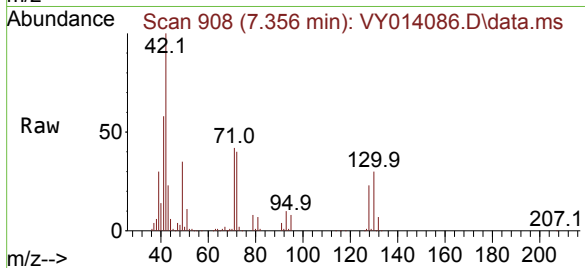
Tgt Ion: 42 Resp: 179549

Ion Ratio Lower Upper

42 100

72 41.4 32.8 49.2

71 39.7 31.0 46.4



#30

Chloroform

Concen: 52.505 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.012 min

Lab File: VY014086.D

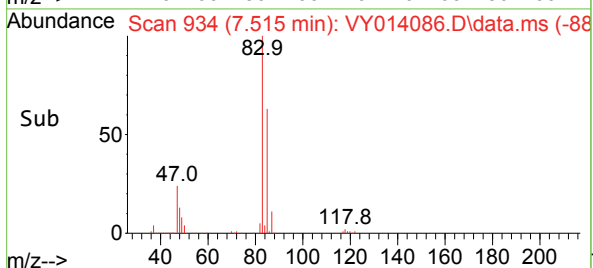
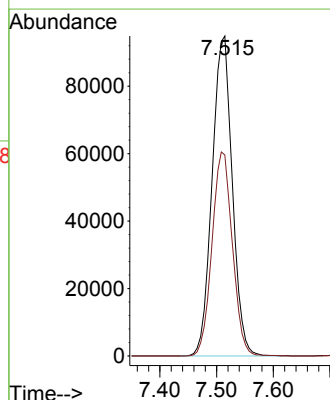
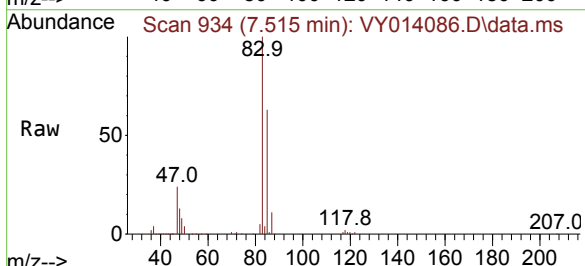
Acq: 08 Jun 2023 20:22

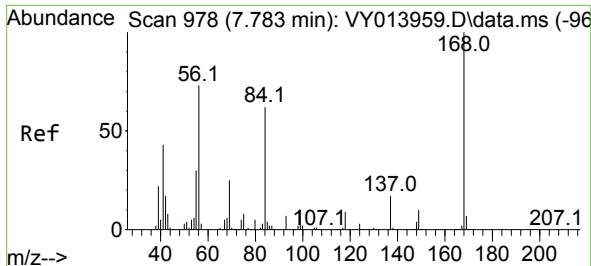
Tgt Ion: 83 Resp: 234148

Ion Ratio Lower Upper

83 100

85 62.8 49.7 74.5

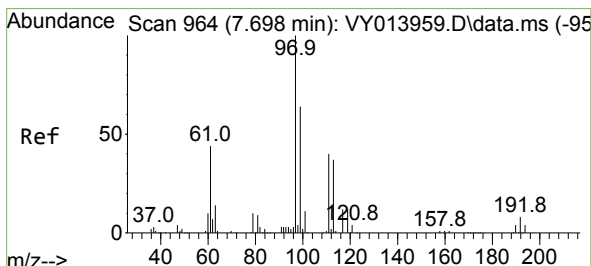
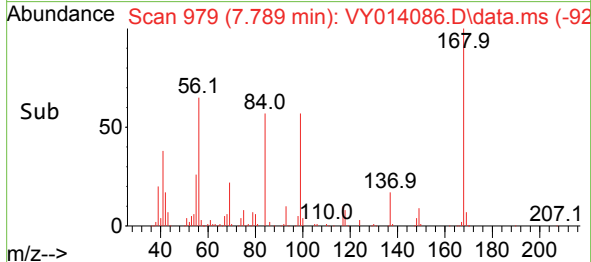
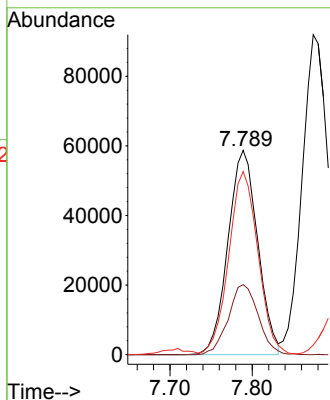
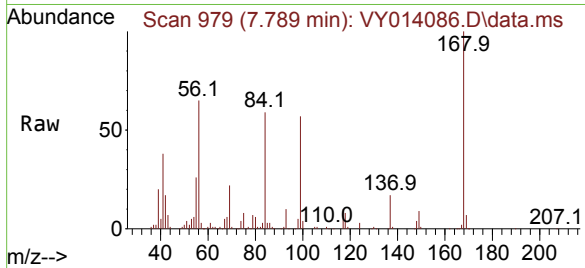




#31  
Cyclohexane  
Concen: 43.986 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

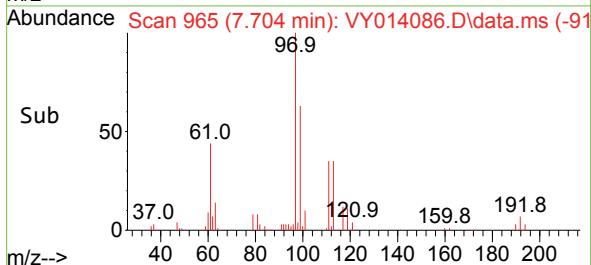
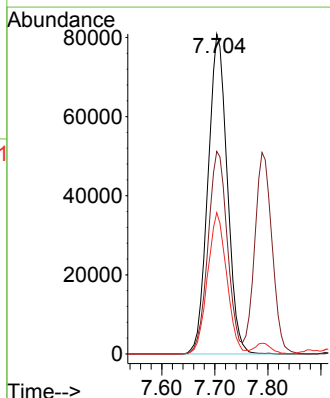
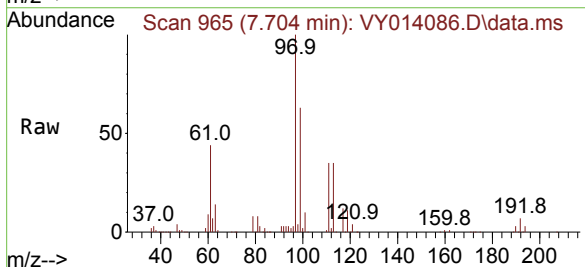
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

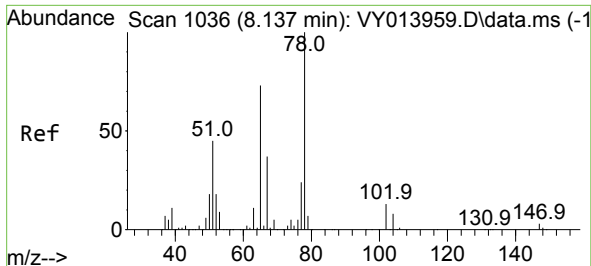
Tgt Ion: 56 Resp: 147547  
Ion Ratio Lower Upper  
56 100  
69 34.3 27.8 41.6  
84 86.6 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 53.925 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 97 Resp: 203986  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.8 76.2  
61 44.1 35.1 52.7

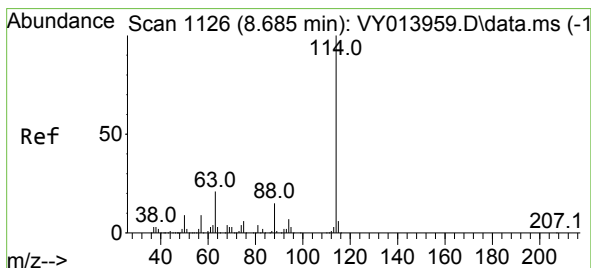
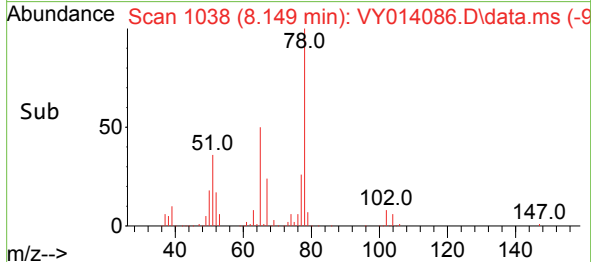
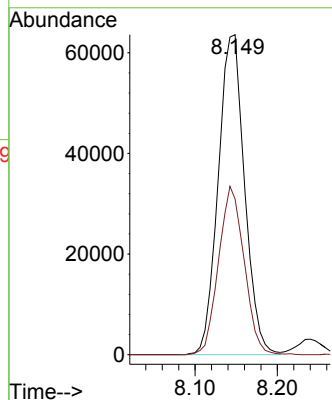
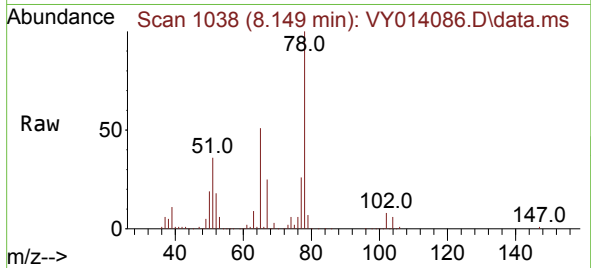




#33  
1,2-Dichloroethane-d4  
Concen: 50.871 ug/l  
RT: 8.149 min Scan# 1036  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

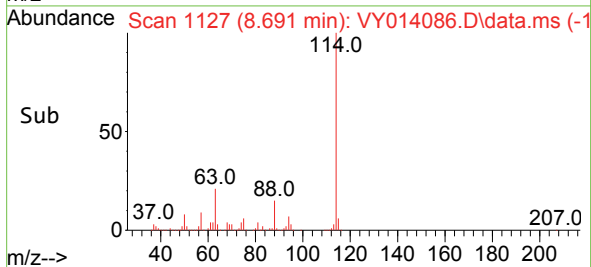
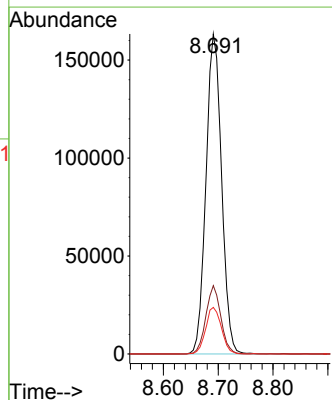
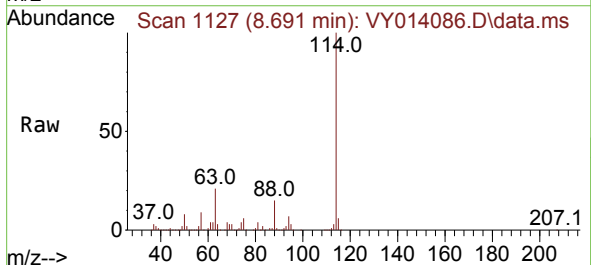
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

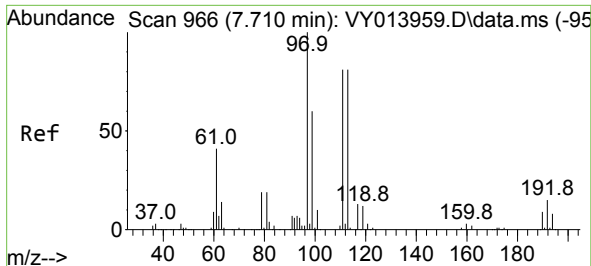
Tgt Ion: 65 Resp: 141711  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 101.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 114 Resp: 321920  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 42.4  
88 14.6 0.0 30.6

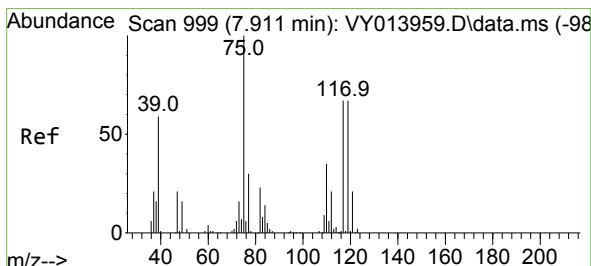
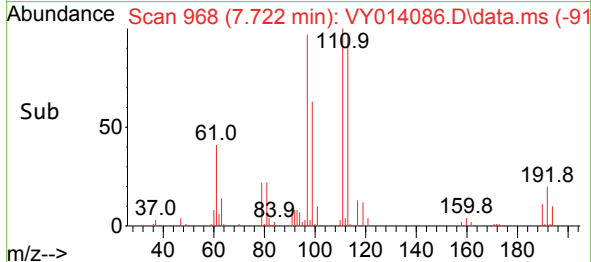
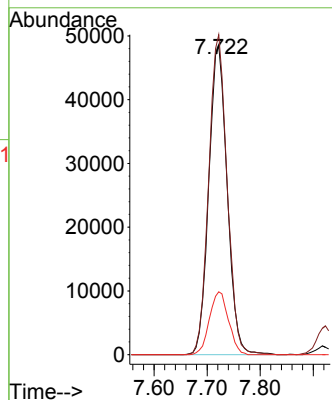
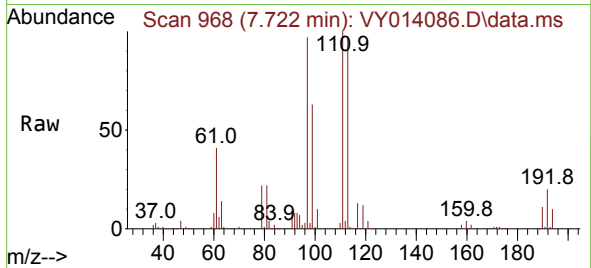




#35  
Dibromofluoromethane  
Concen: 57.019 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

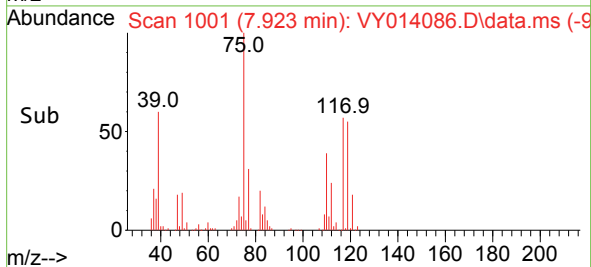
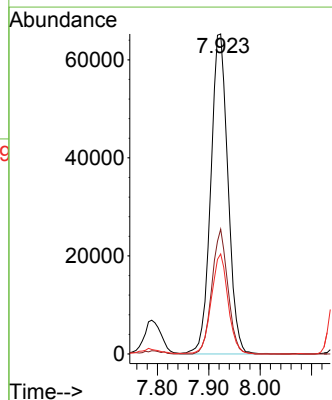
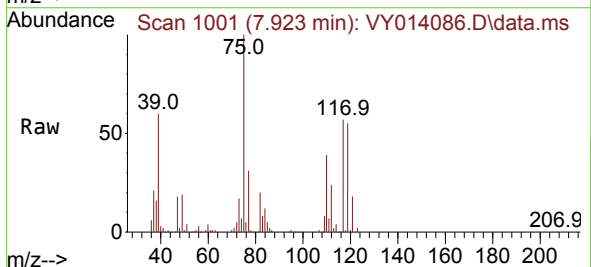
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

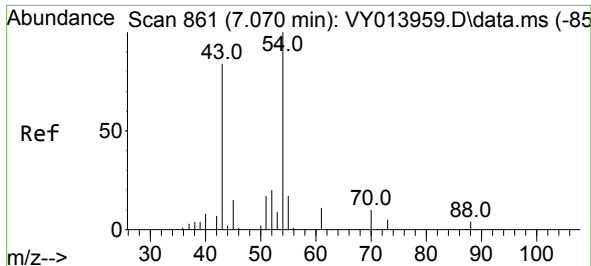
Tgt Ion:113 Resp: 116652  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.3 121.9  
192 21.1 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 52.027 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 75 Resp: 151641  
Ion Ratio Lower Upper  
75 100  
110 36.3 17.8 53.5  
77 30.6 24.4 36.6

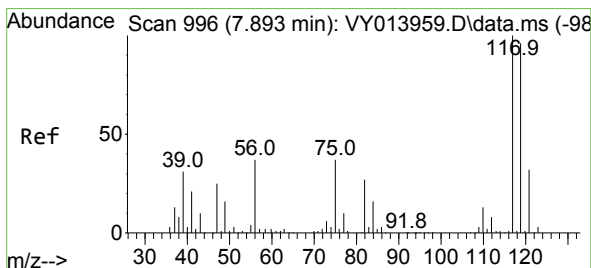
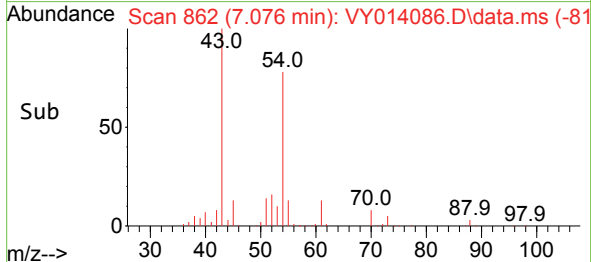
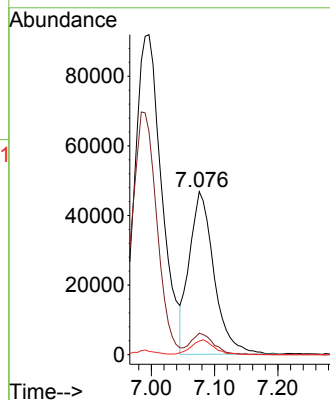
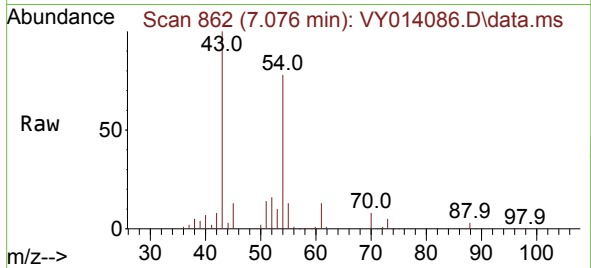




#37  
Ethyl Acetate  
Concen: 49.917 ug/l  
RT: 7.076 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

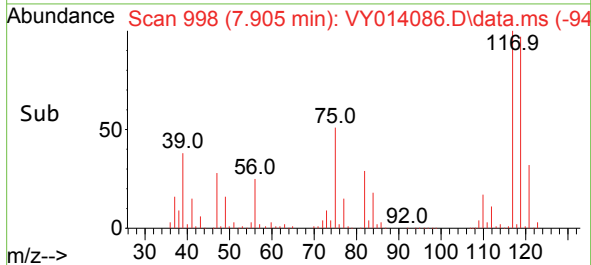
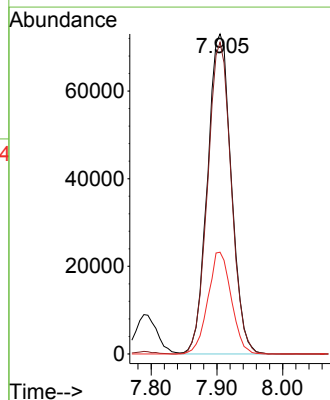
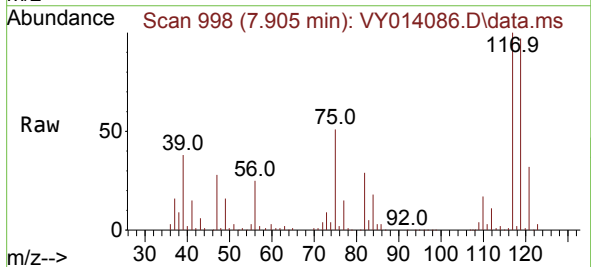
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

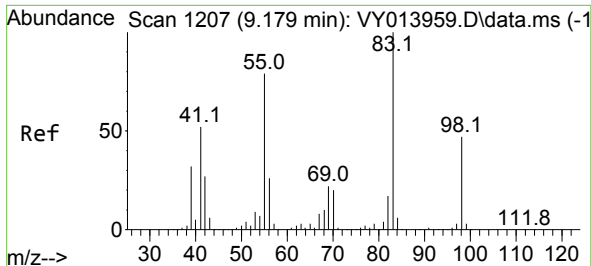
Tgt Ion: 43 Resp: 126849  
Ion Ratio Lower Upper  
43 100  
61 12.1 10.1 15.1  
70 8.5 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 56.447 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 117 Resp: 184362  
Ion Ratio Lower Upper  
117 100  
119 97.4 76.4 114.6  
121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 52.478 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

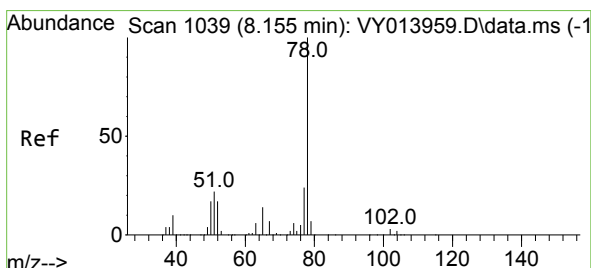
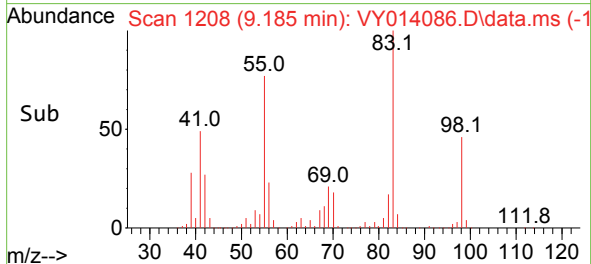
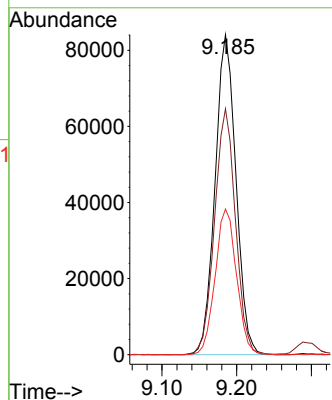
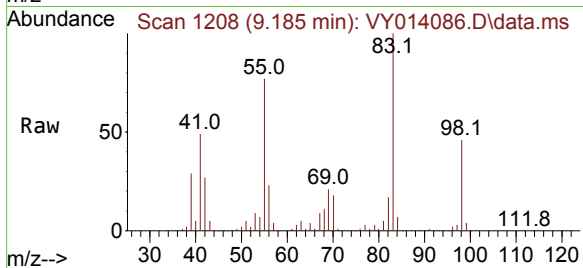
Tgt Ion: 83 Resp: 163292

Ion Ratio Lower Upper

83 100

55 76.9 63.0 94.4

98 45.5 37.4 56.2



#40

Benzene

Concen: 51.530 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014086.D

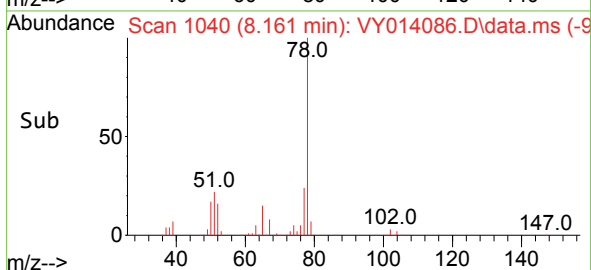
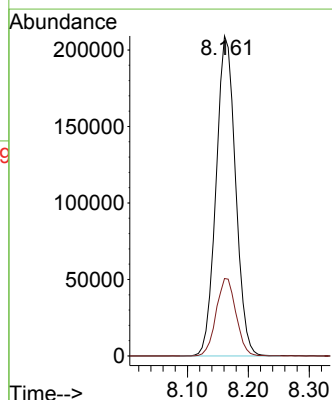
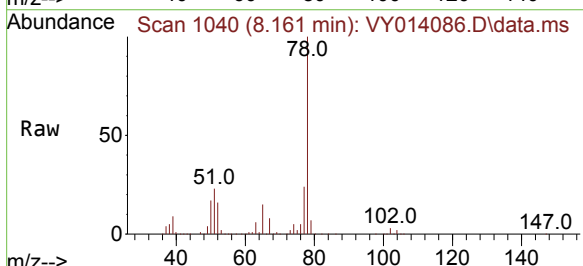
Acq: 08 Jun 2023 20:22

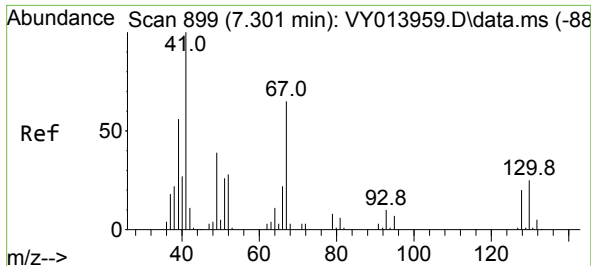
Tgt Ion: 78 Resp: 463318

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



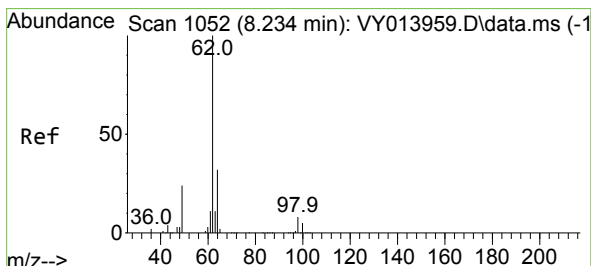
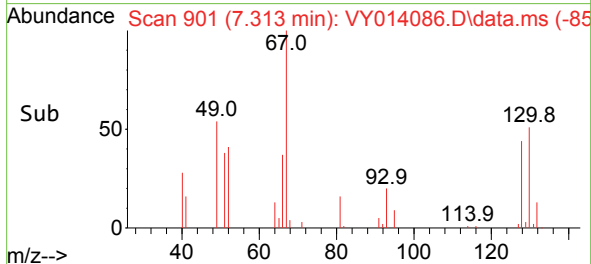
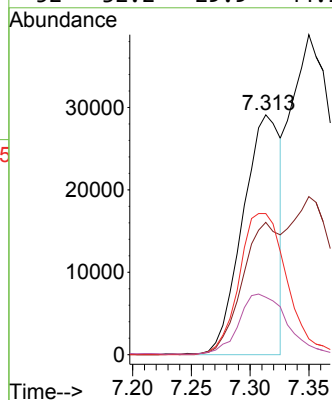
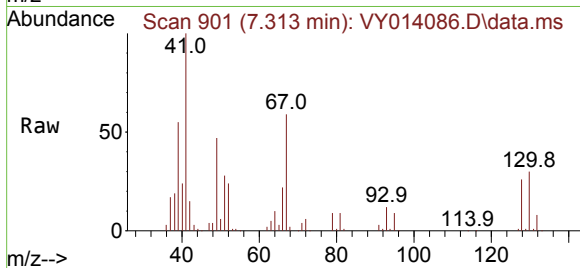


#41  
Methacrylonitrile  
Concen: 55.250 ug/l  
RT: 7.313 min Scan# 901  
Delta R.T. 0.012 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 64891

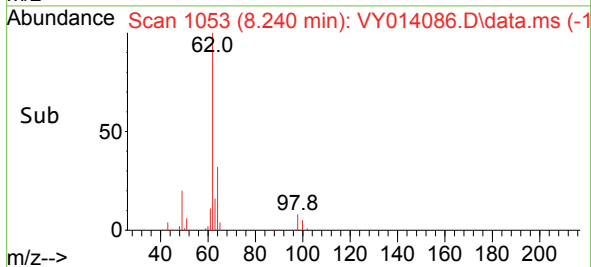
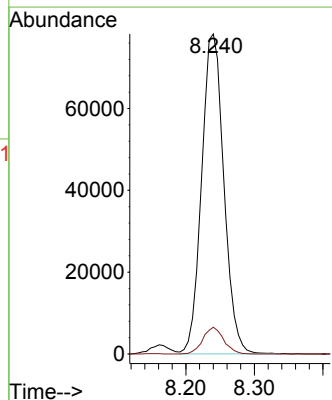
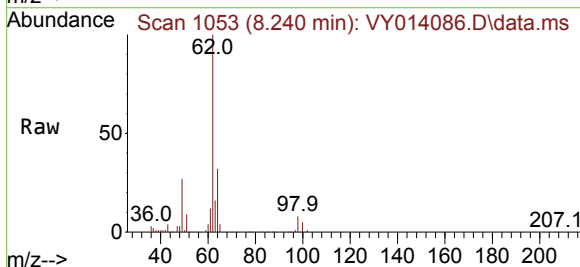
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.4  | 52.1  | 78.1  |
| 67  | 74.6  | 66.2  | 99.2  |
| 52  | 32.2  | 29.9  | 44.9  |

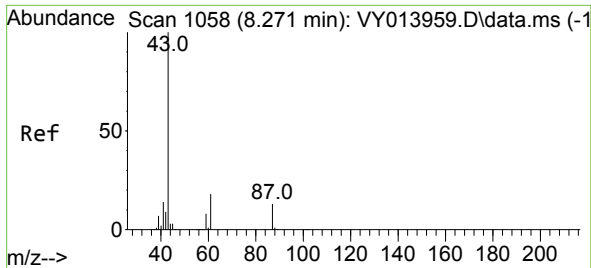


#42  
1,2-Dichloroethane  
Concen: 53.524 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 62 Resp: 176470

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.8   | 0.0   | 15.8  |

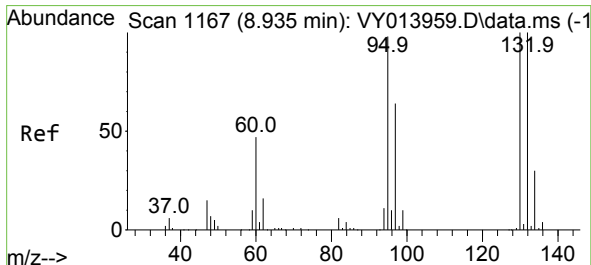
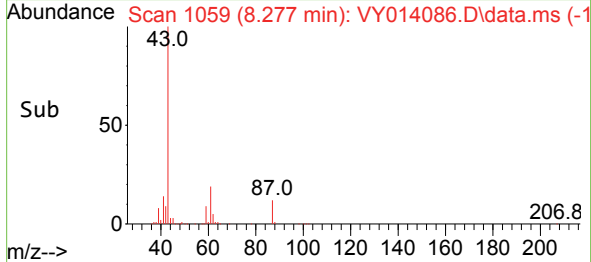
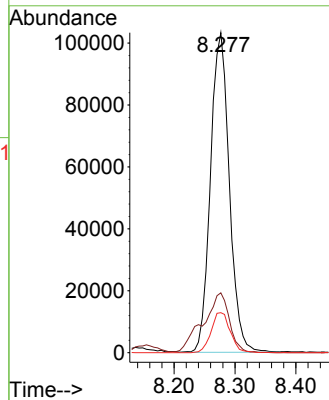
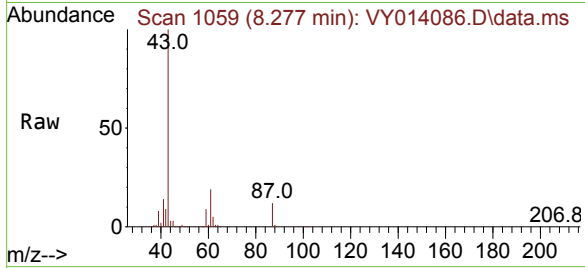




#43  
Isopropyl Acetate  
Concen: 51.887 ug/l  
RT: 8.277 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

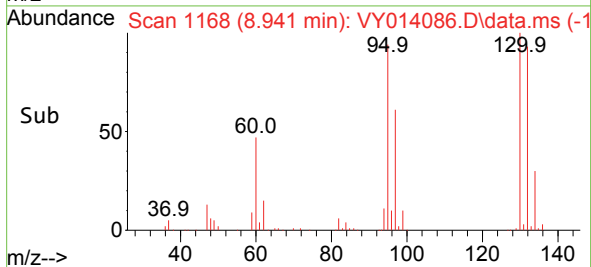
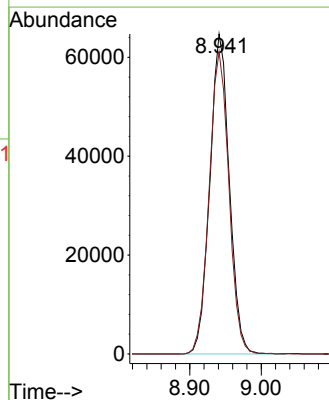
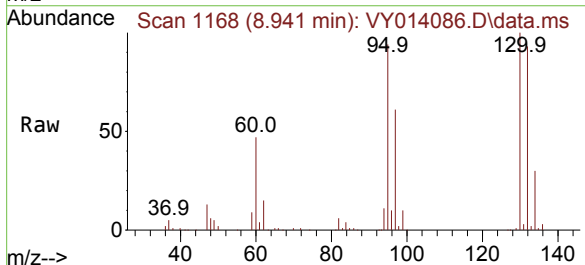
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

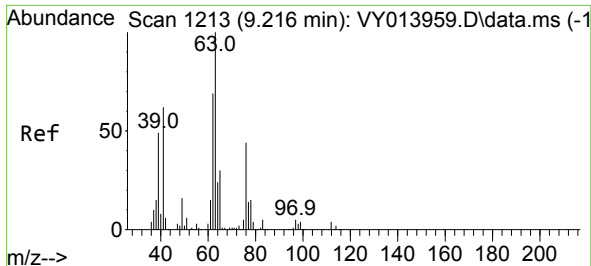
Tgt Ion: 43 Resp: 222019  
Ion Ratio Lower Upper  
43 100  
61 26.2 21.1 31.7  
87 12.7 9.8 14.8



#44  
Trichloroethene  
Concen: 51.977 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion:130 Resp: 122383  
Ion Ratio Lower Upper  
130 100  
95 94.4 0.0 196.0

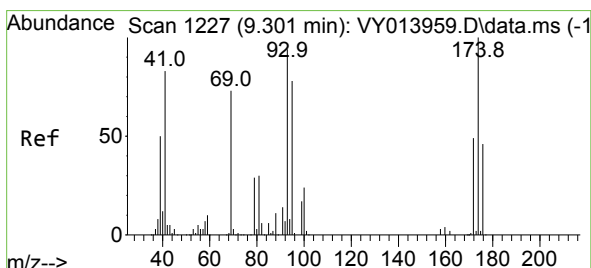
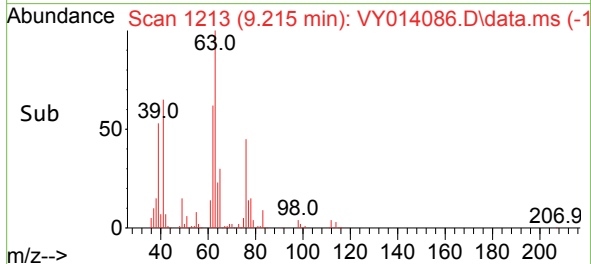
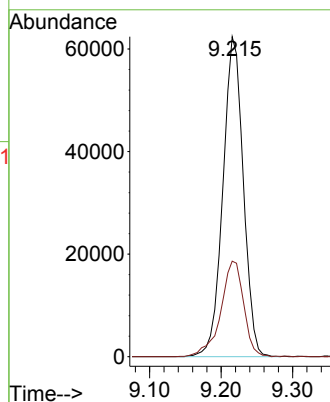
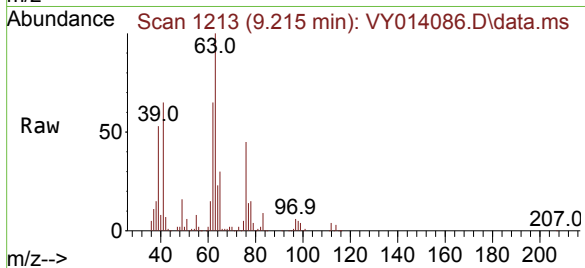




#45  
1,2-Dichloropropane  
Concen: 53.267 ug/l  
RT: 9.215 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

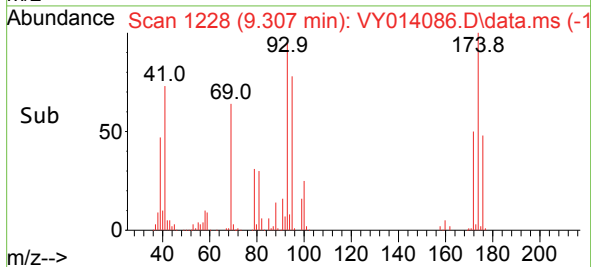
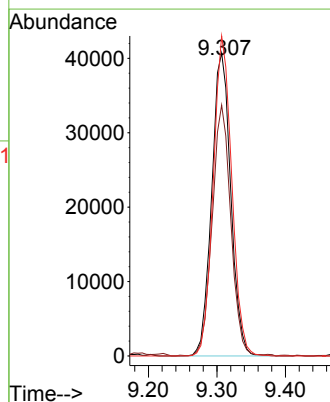
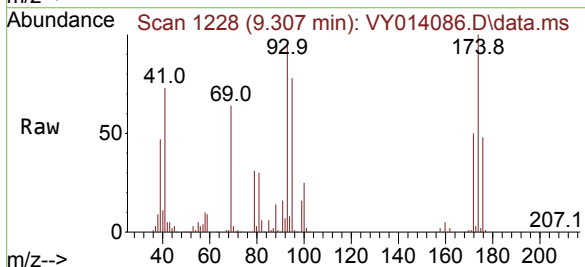
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

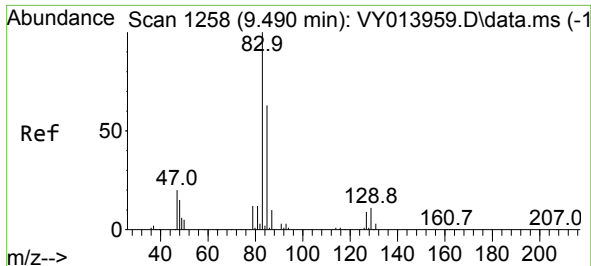
Tgt Ion: 63 Resp: 123597  
Ion Ratio Lower Upper  
63 100  
65 29.8 23.8 35.6



#46  
Dibromomethane  
Concen: 52.938 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 93 Resp: 78637  
Ion Ratio Lower Upper  
93 100  
95 80.9 66.6 100.0  
174 102.7 84.8 127.2

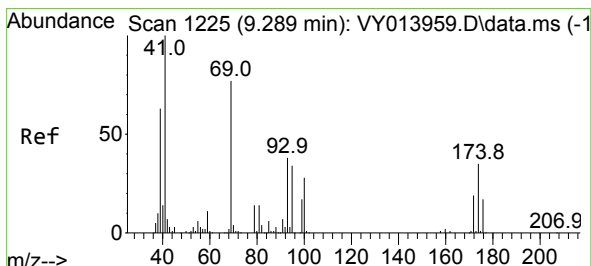
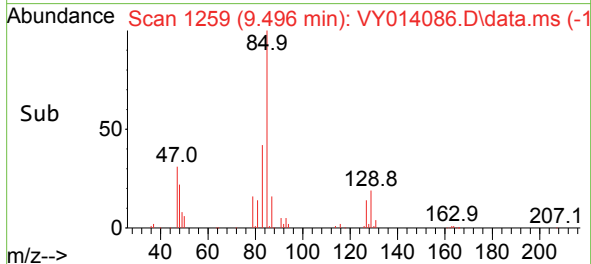
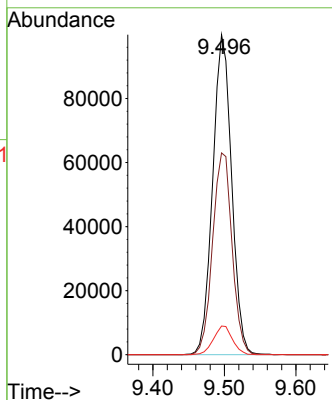
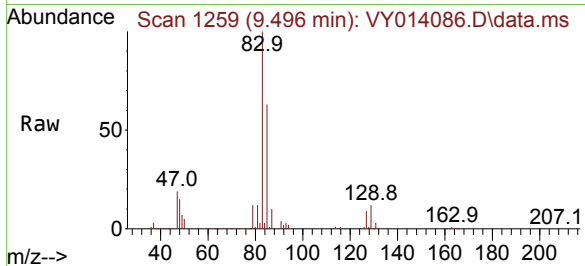




#47  
Bromodichloromethane  
Concen: 54.905 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

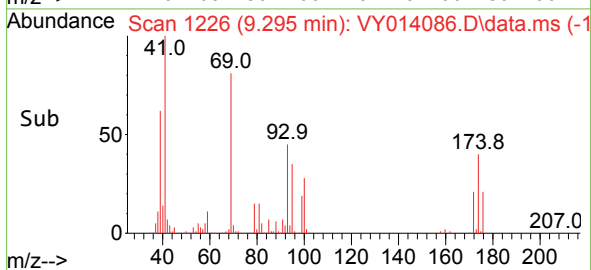
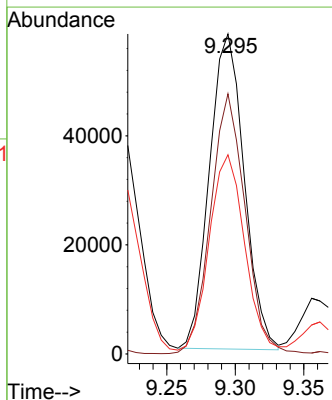
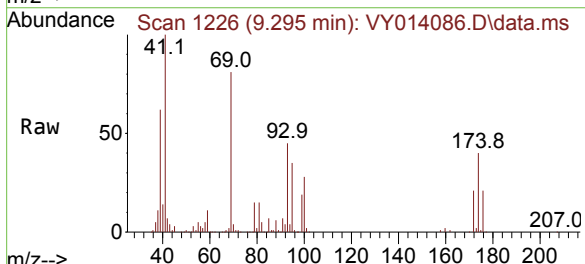
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

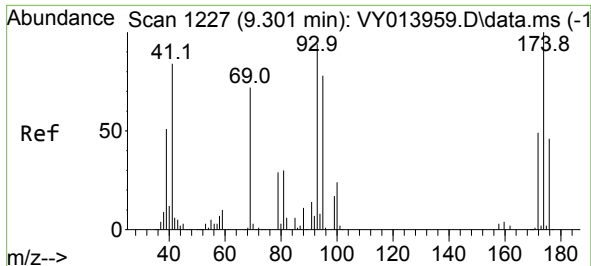
Tgt Ion: 83 Resp: 183726  
Ion Ratio Lower Upper  
83 100  
85 63.0 50.1 75.1  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 52.333 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 41 Resp: 101923  
Ion Ratio Lower Upper  
41 100  
69 81.8 64.5 96.7  
39 65.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1122.380 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

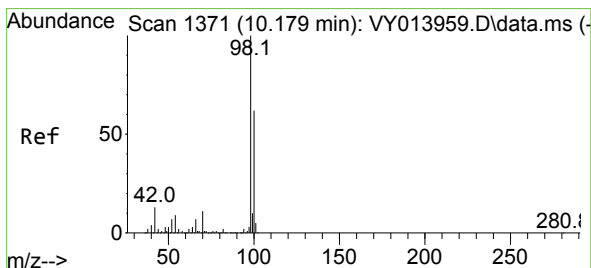
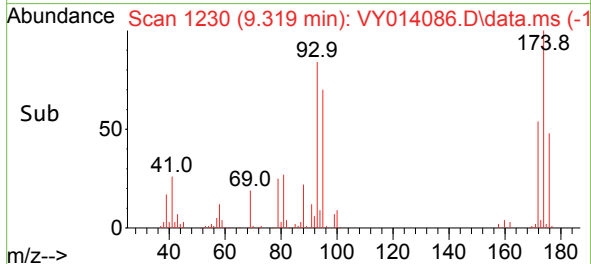
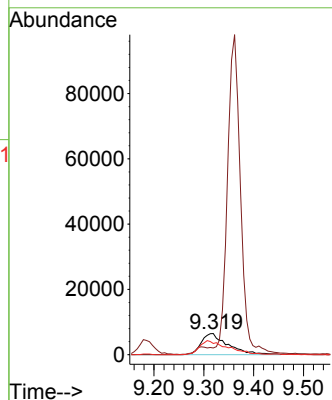
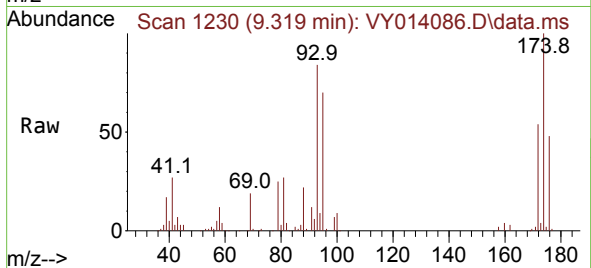
Tgt Ion: 88 Resp: 24246

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.3 30.9 46.3#



#50

Toluene-d8

Concen: 53.404 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014086.D

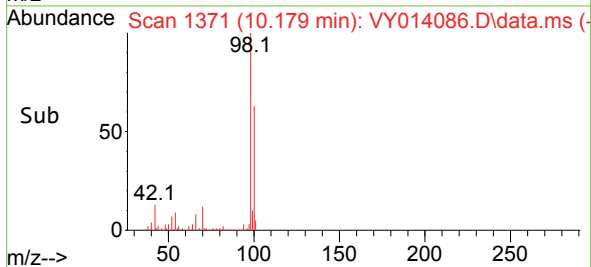
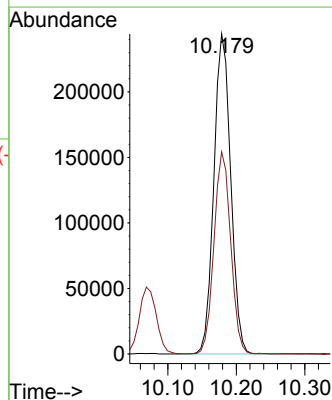
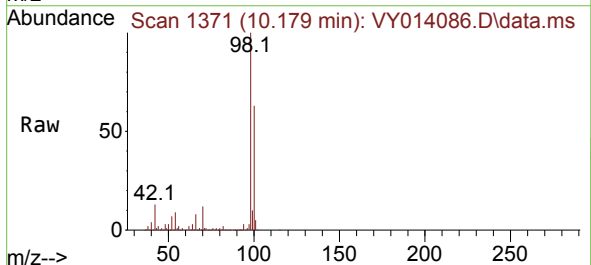
Acq: 08 Jun 2023 20:22

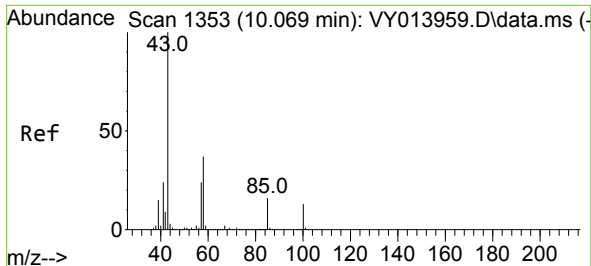
Tgt Ion: 98 Resp: 416746

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 273.646 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

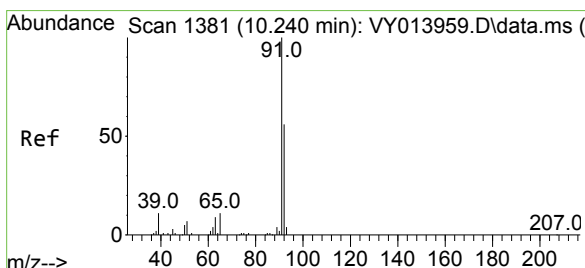
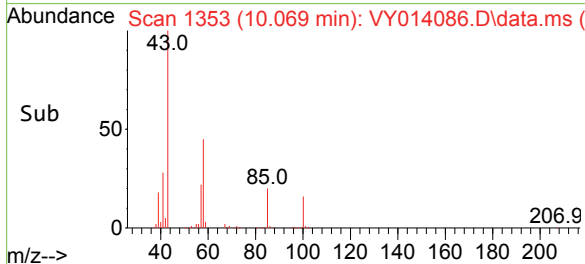
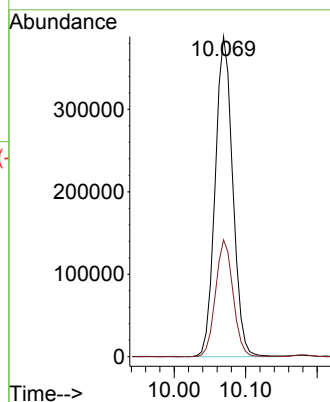
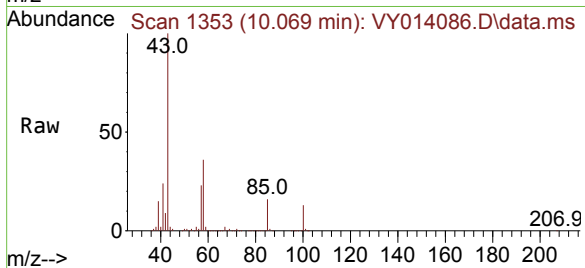
VSTDCCC050EC

Tgt Ion: 43 Resp: 661353

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



#52

Toluene

Concen: 53.534 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY014086.D

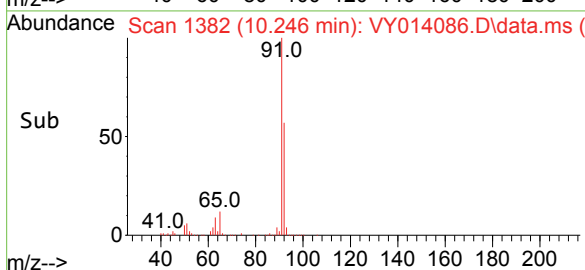
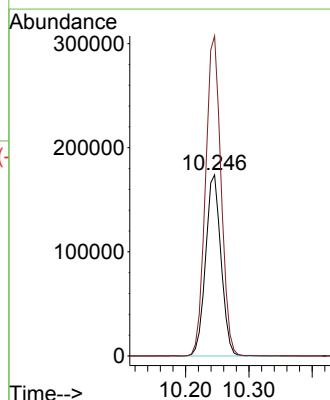
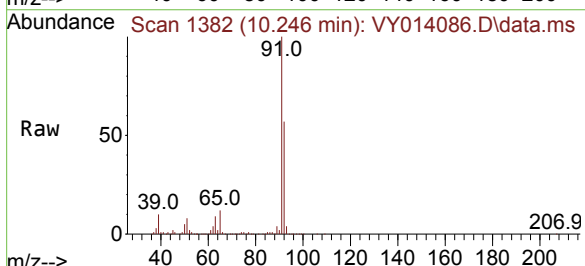
Acq: 08 Jun 2023 20:22

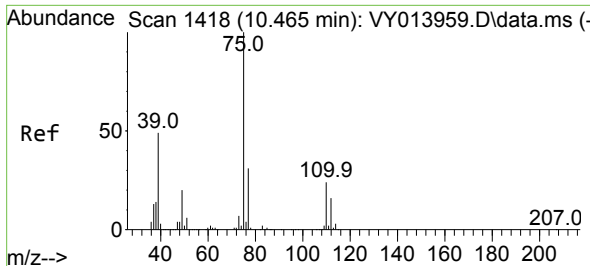
Tgt Ion: 92 Resp: 294869

Ion Ratio Lower Upper

92 100

91 178.0 143.8 215.6

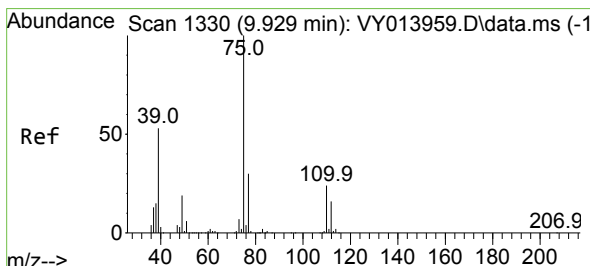
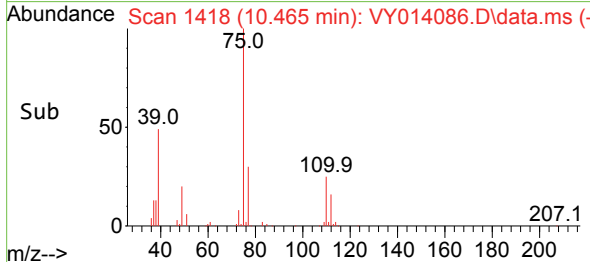
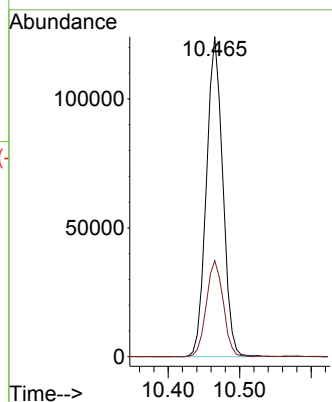
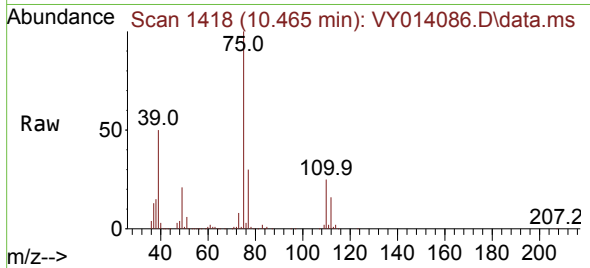




#53  
 t-1,3-Dichloropropene  
 Concen: 54.810 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VY014086.D  
 Acq: 08 Jun 2023 20:22

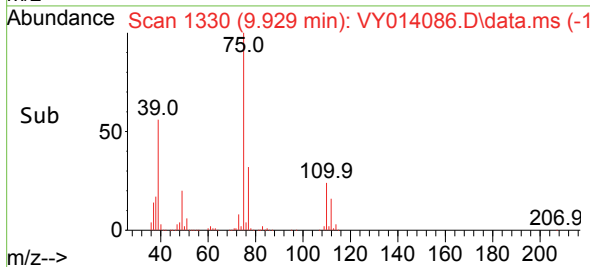
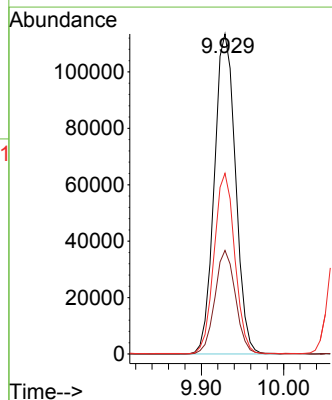
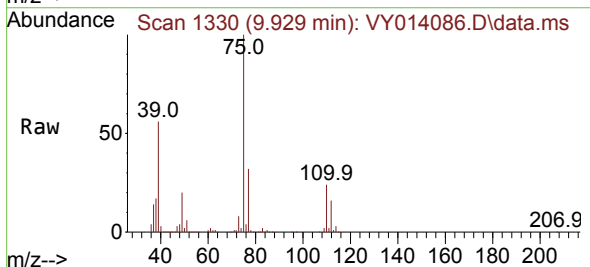
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

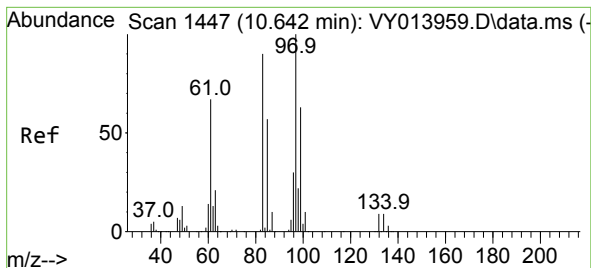
Tgt Ion: 75 Resp: 197015  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.012 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY014086.D  
 Acq: 08 Jun 2023 20:22

Tgt Ion: 75 Resp: 203446  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 24.2 36.4  
 39 56.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 55.857 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 109389

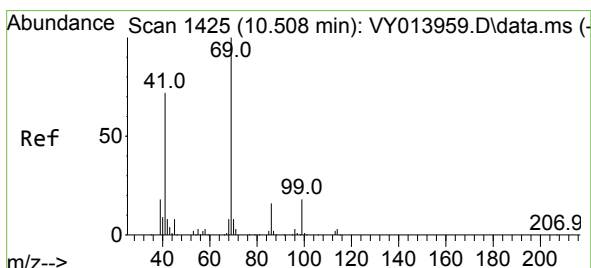
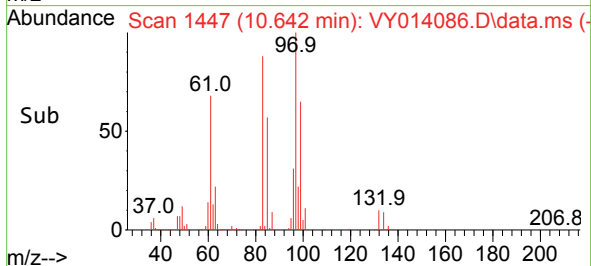
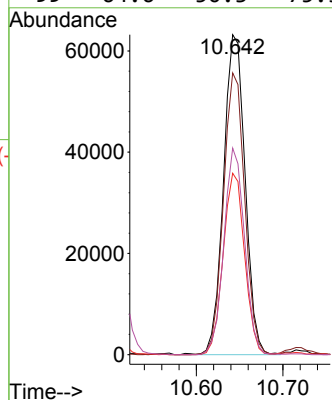
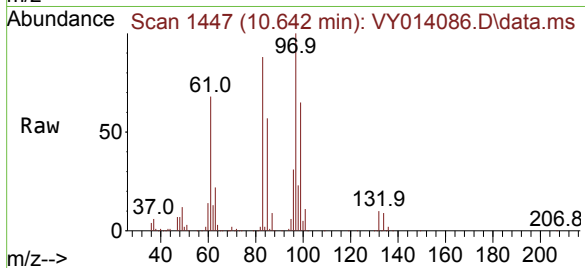
Ion Ratio Lower Upper

97 100

83 88.1 72.0 108.0

85 56.7 45.4 68.0

99 64.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 55.231 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

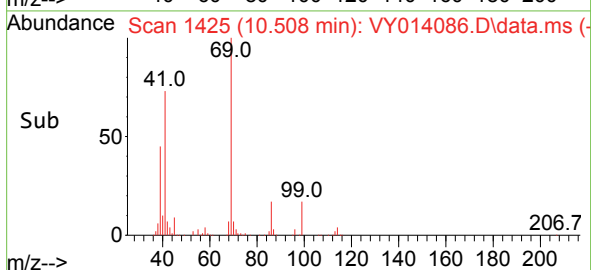
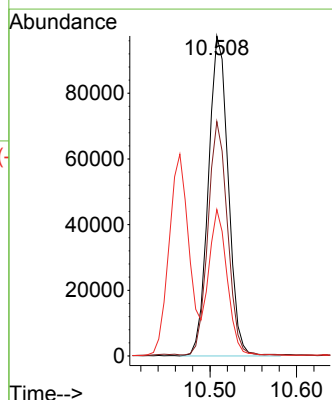
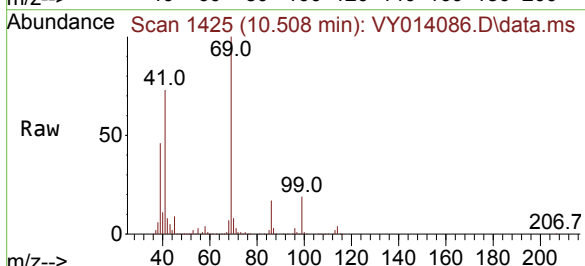
Tgt Ion: 69 Resp: 155299

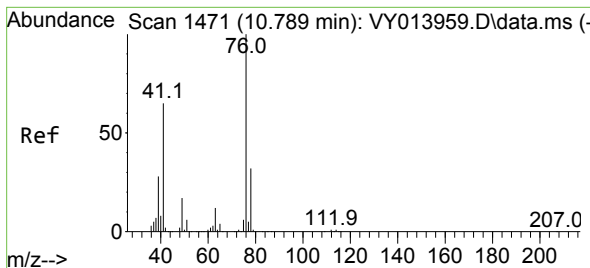
Ion Ratio Lower Upper

69 100

41 71.2 57.6 86.4

39 41.8 34.1 51.1

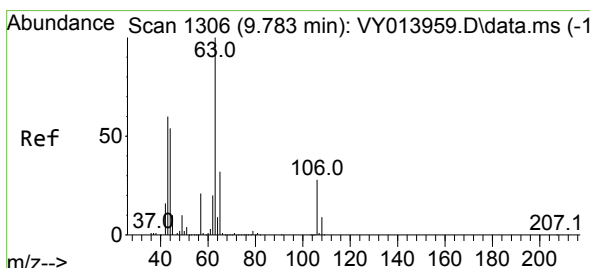
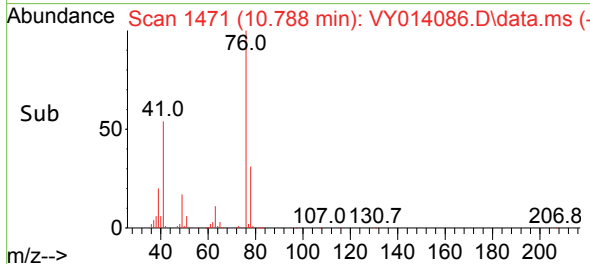
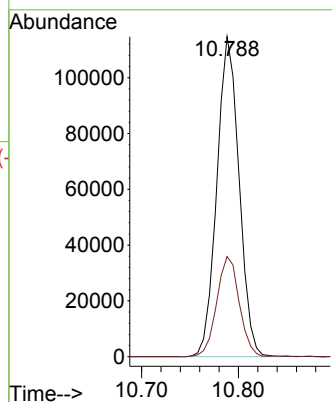
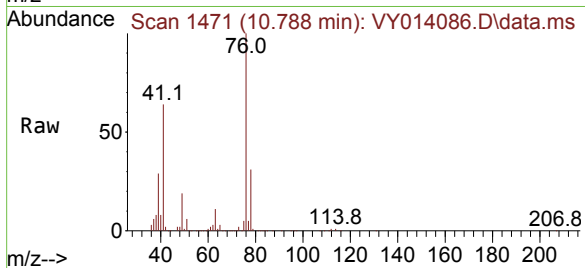




#57  
1,3-Dichloropropane  
Concen: 54.586 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

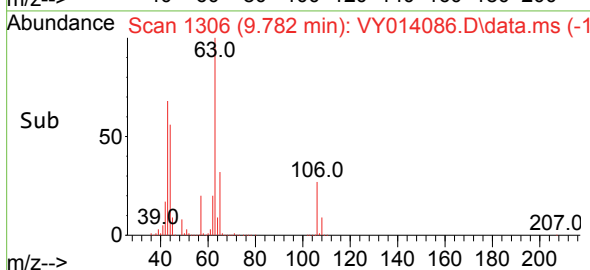
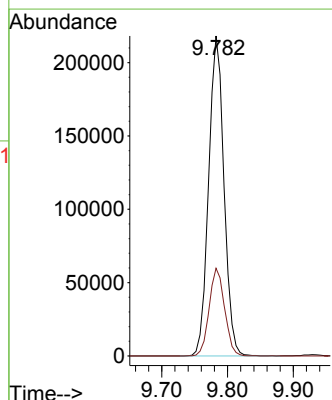
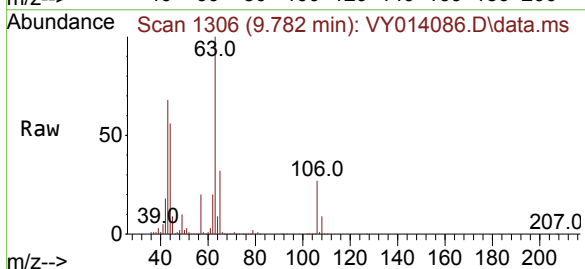
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

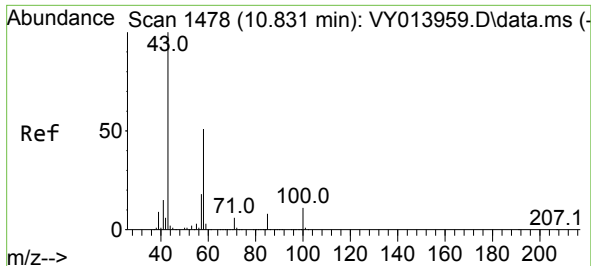
Tgt Ion: 76 Resp: 182660  
Ion Ratio Lower Upper  
76 100  
78 31.8 25.3 37.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 255.336 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. -0.001 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 63 Resp: 354001  
Ion Ratio Lower Upper  
63 100  
106 27.6 21.2 31.8





#59

2-Hexanone

Concen: 268.776 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

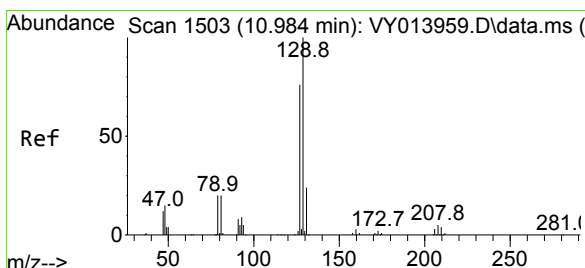
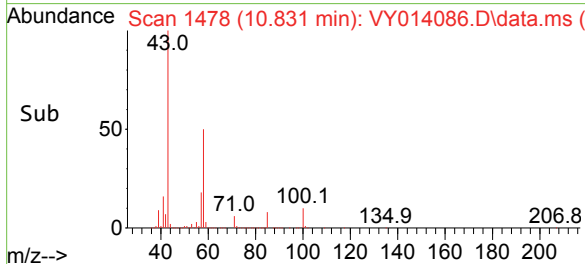
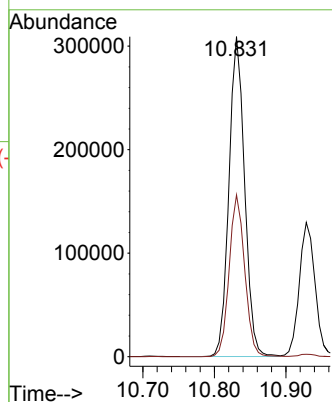
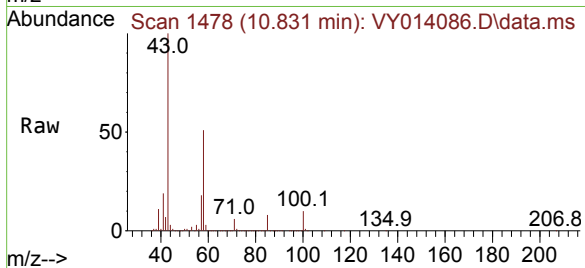
VSTDCCC050EC

Tgt Ion: 43 Resp: 470367

Ion Ratio Lower Upper

43 100

58 50.1 25.1 75.3



#60

Dibromochloromethane

Concen: 55.981 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY014086.D

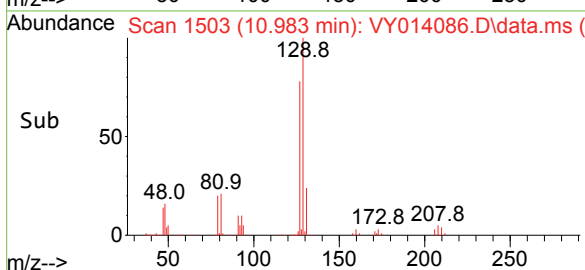
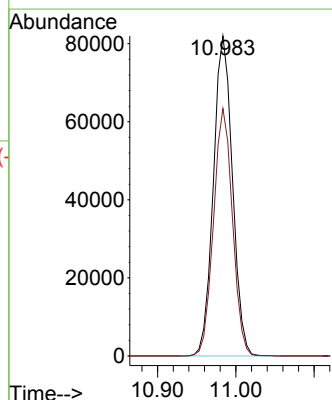
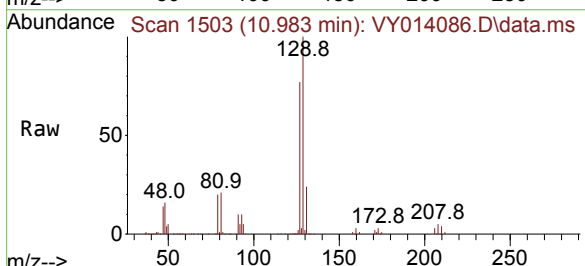
Acq: 08 Jun 2023 20:22

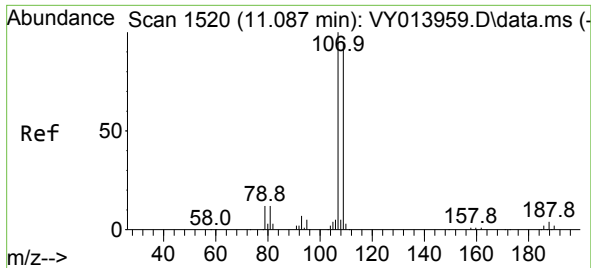
Tgt Ion: 129 Resp: 138563

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5

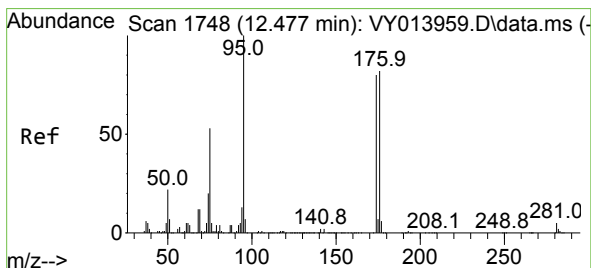
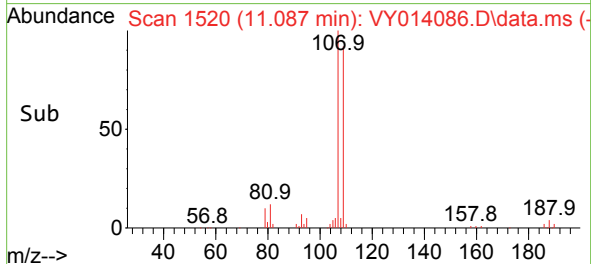
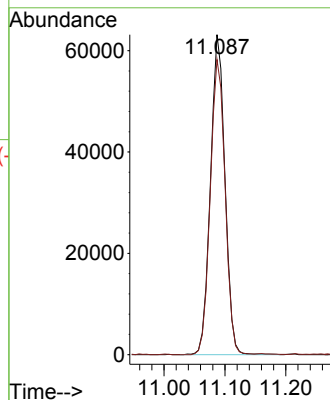
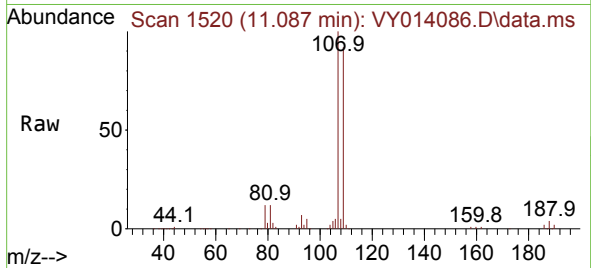




#61  
1,2-Dibromoethane  
Concen: 52.973 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

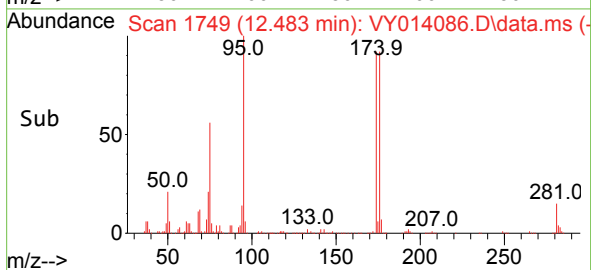
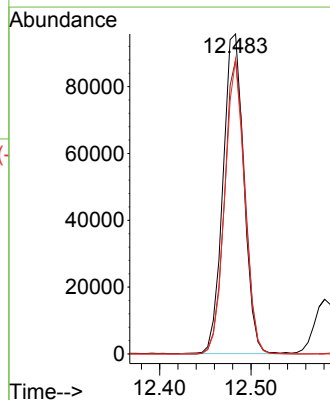
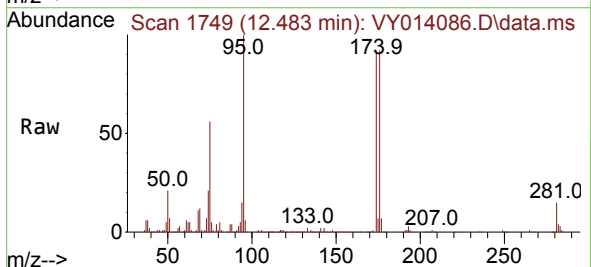
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

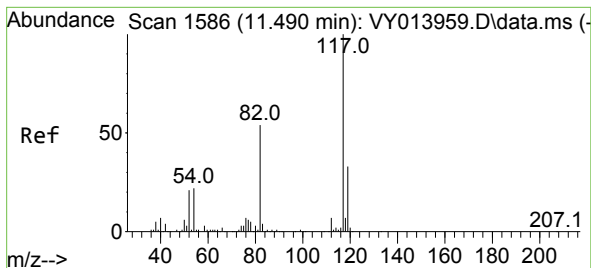
Tgt Ion:107 Resp: 104231  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 57.145 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 95 Resp: 152031  
Ion Ratio Lower Upper  
95 100  
174 90.0 0.0 178.2  
176 87.4 0.0 173.8

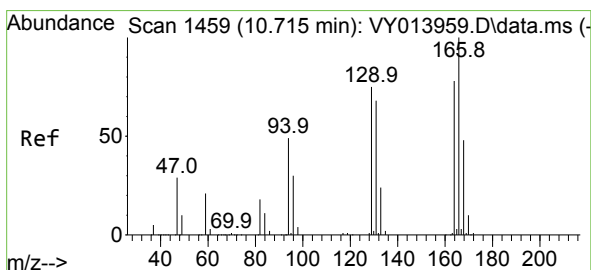
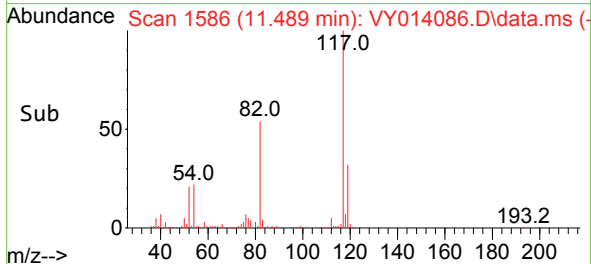
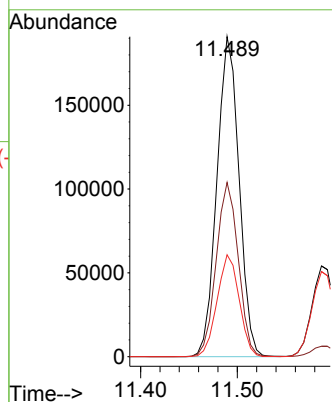
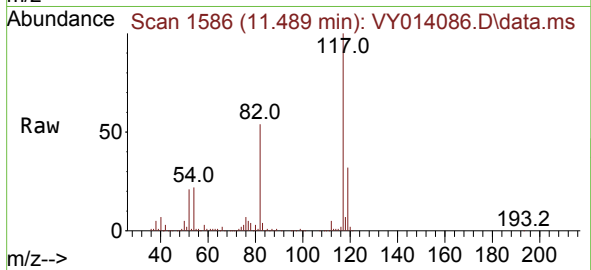




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

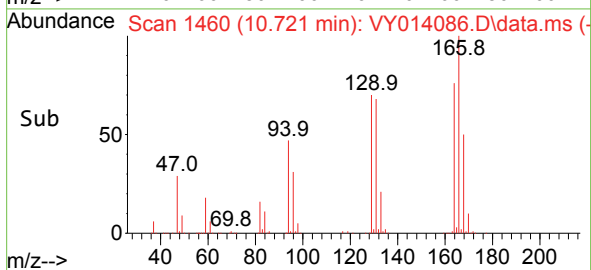
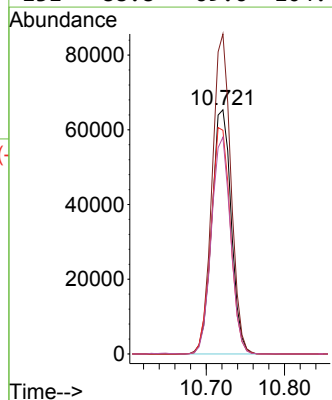
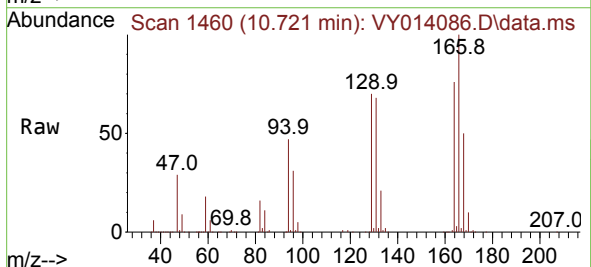
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

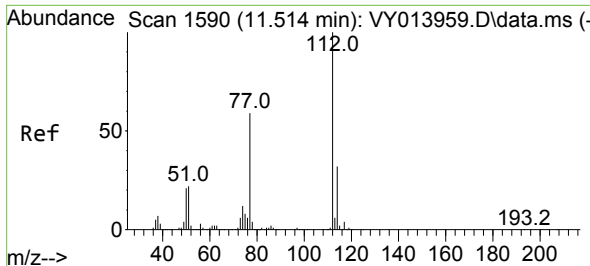
Tgt Ion:117 Resp: 303358  
Ion Ratio Lower Upper  
117 100  
82 54.4 43.4 65.0  
119 31.8 26.3 39.5



#64  
Tetrachloroethene  
Concen: 54.136 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion:164 Resp: 112508  
Ion Ratio Lower Upper  
164 100  
166 131.0 103.0 154.6  
129 91.6 77.2 115.8  
131 88.8 69.6 104.4

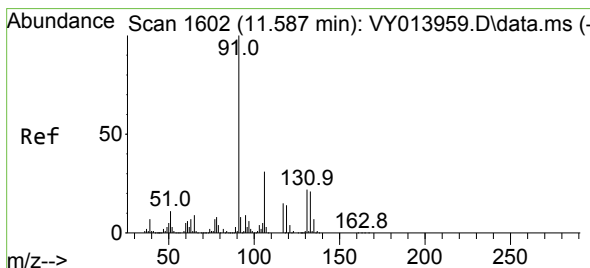
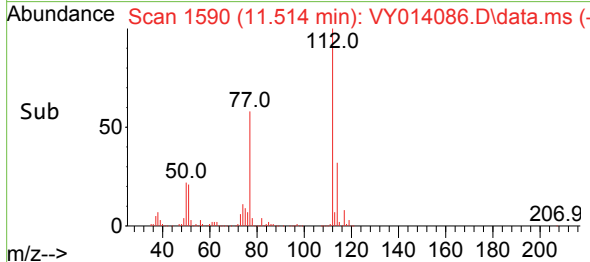
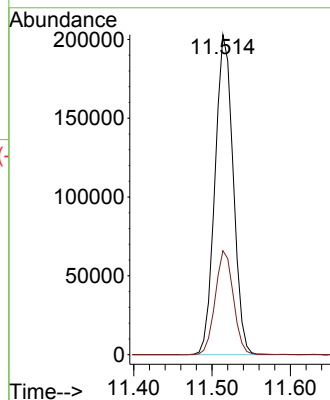
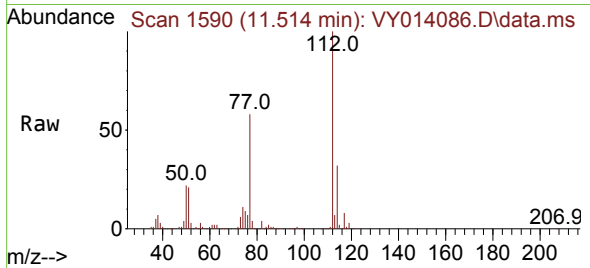




#65  
Chlorobenzene  
Concen: 52.681 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

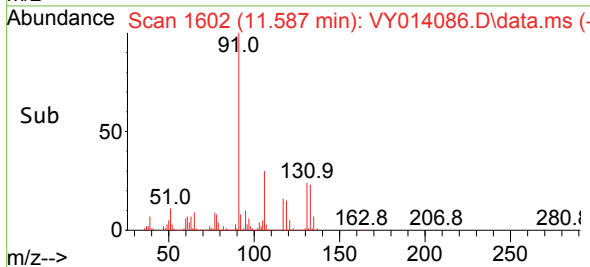
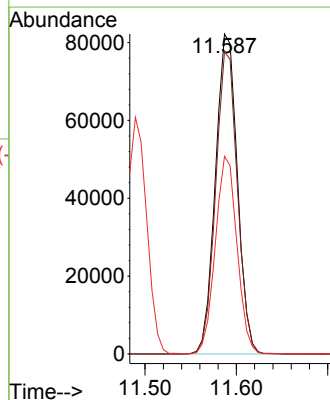
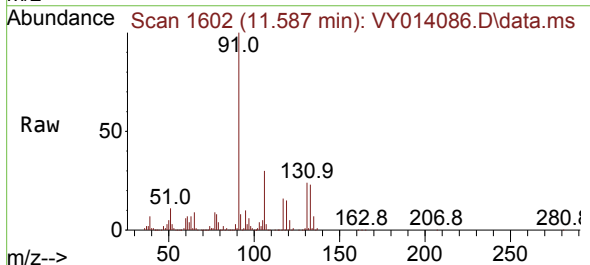
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

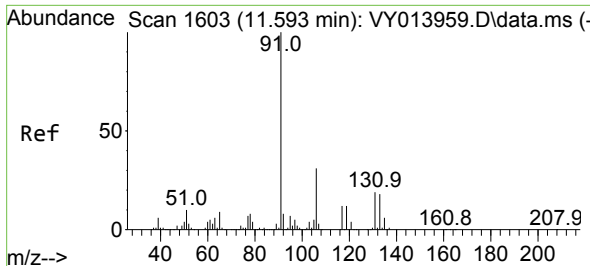
Tgt Ion:112 Resp: 327863  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.548 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion:131 Resp: 137005  
Ion Ratio Lower Upper  
131 100  
133 93.6 47.5 142.6  
119 61.3 31.6 94.7





#67

Ethyl Benzene

Concen: 54.089 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

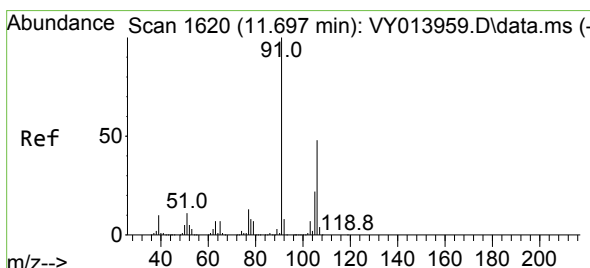
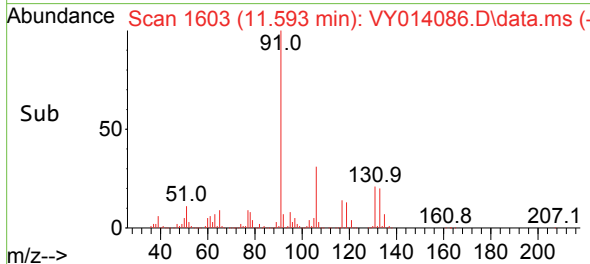
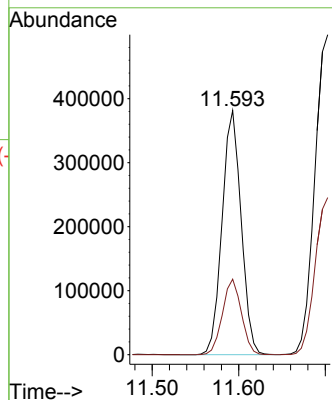
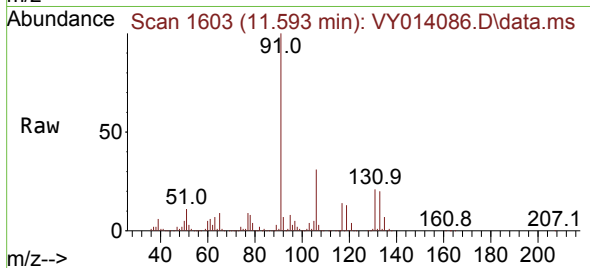
VSTDCCC050EC

Tgt Ion: 91 Resp: 582670

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 108.299 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014086.D

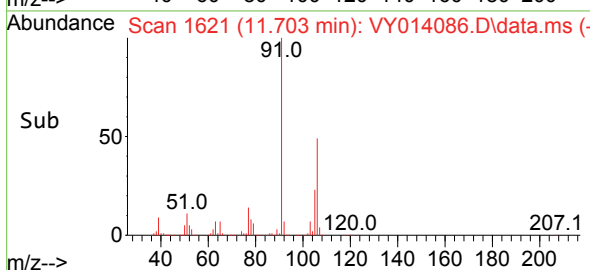
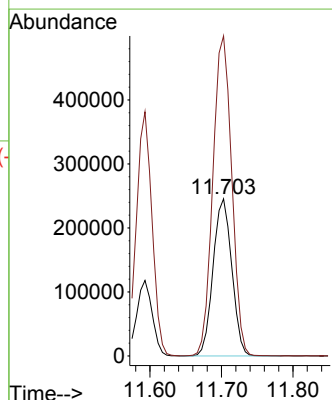
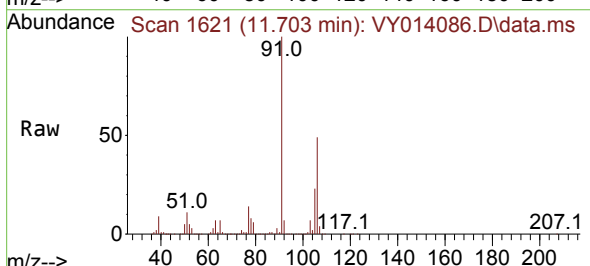
Acq: 08 Jun 2023 20:22

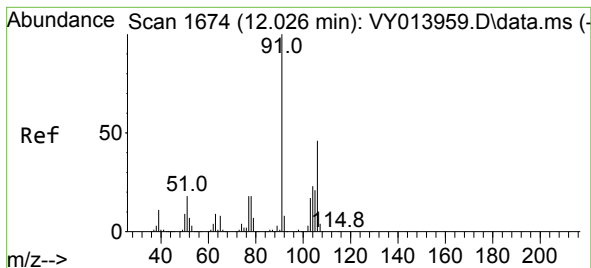
Tgt Ion:106 Resp: 445644

Ion Ratio Lower Upper

106 100

91 205.5 166.1 249.1





#69

o-Xylene

Concen: 54.572 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

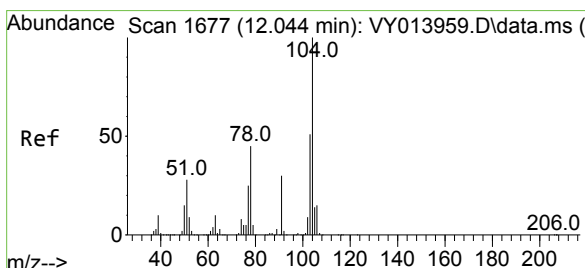
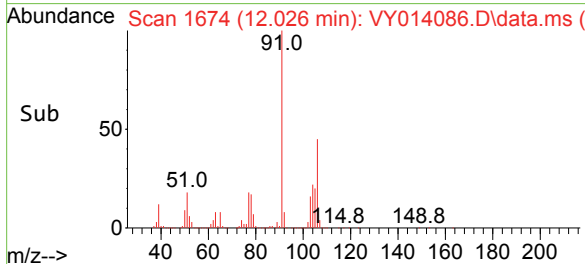
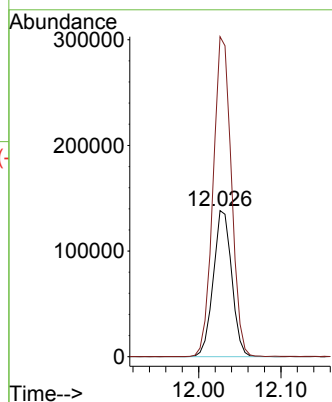
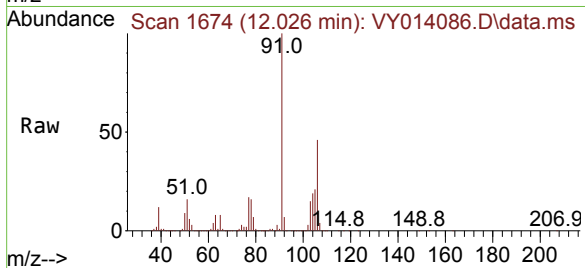
VSTDCCC050EC

Tgt Ion:106 Resp: 215177

Ion Ratio Lower Upper

106 100

91 217.1 108.1 324.3



#70

Styrene

Concen: 55.480 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

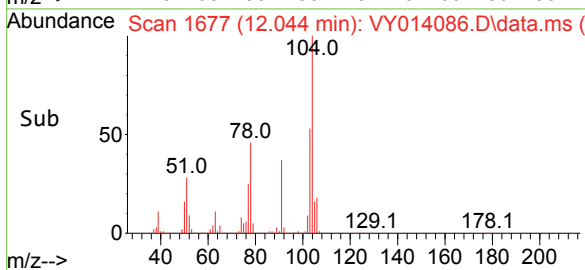
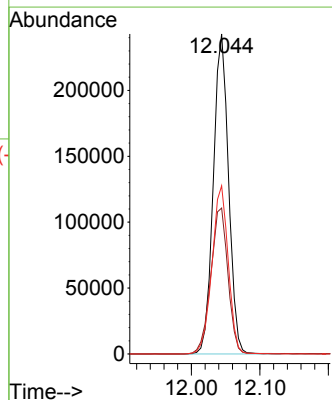
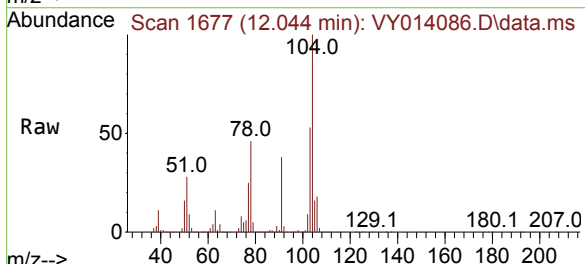
Tgt Ion:104 Resp: 375742

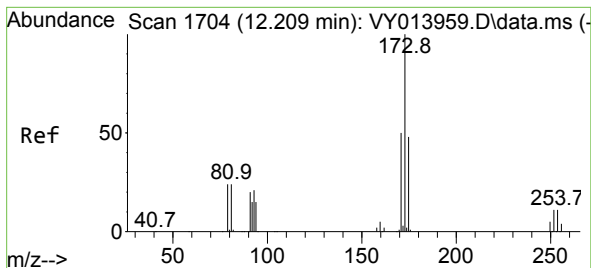
Ion Ratio Lower Upper

104 100

78 51.5 41.5 62.3

103 56.1 44.6 67.0





#71

Bromoform

Concen: 55.878 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

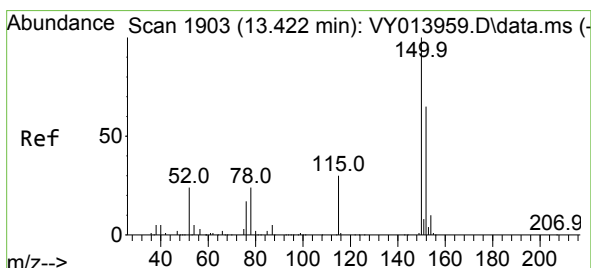
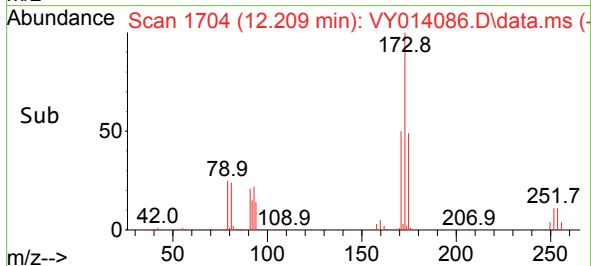
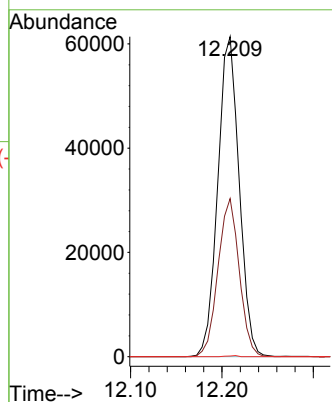
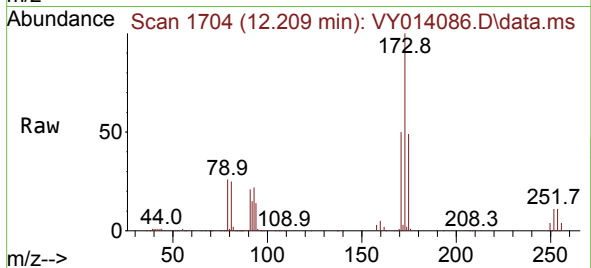
Tgt Ion:173 Resp: 99809

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

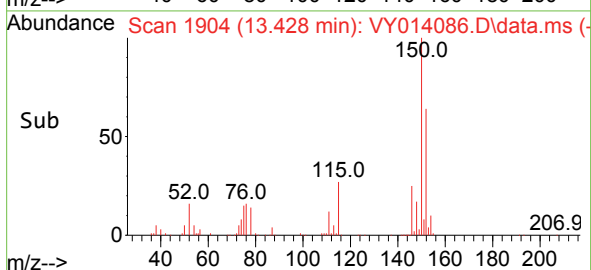
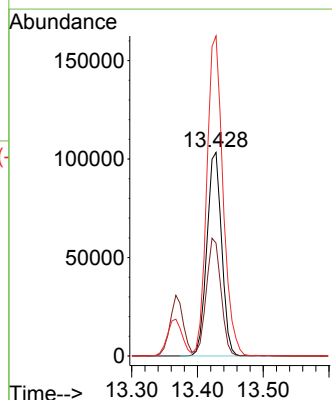
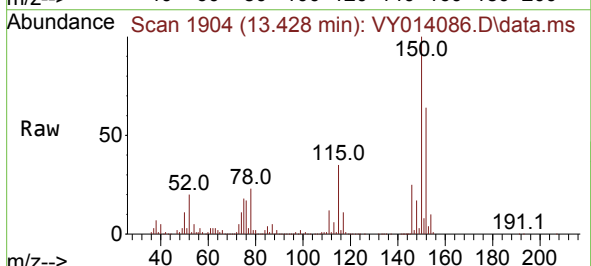
Tgt Ion:152 Resp: 161696

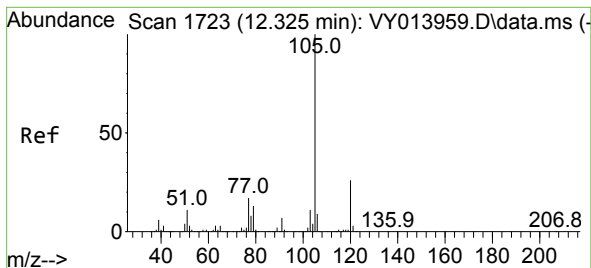
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 171.8 0.0 348.8





#73

Isopropylbenzene

Concen: 53.653 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

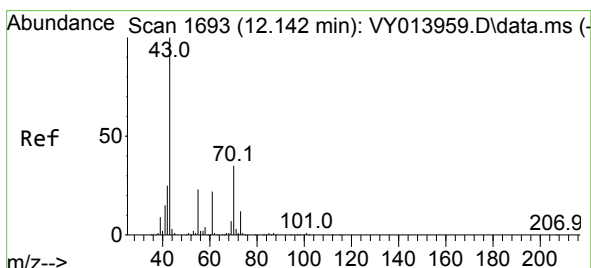
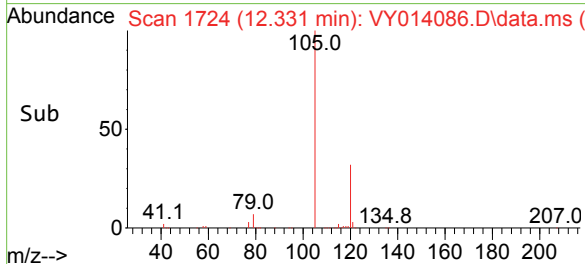
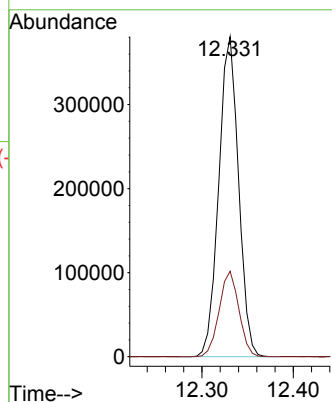
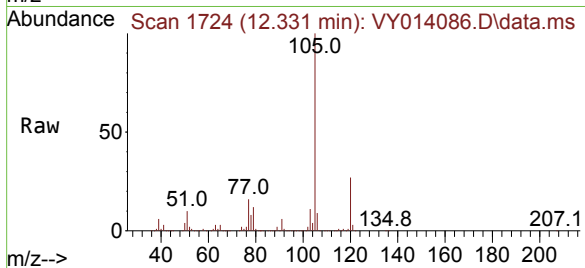
VSTDCCC050EC

Tgt Ion:105 Resp: 572615

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 49.432 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Tgt Ion: 43 Resp: 202406

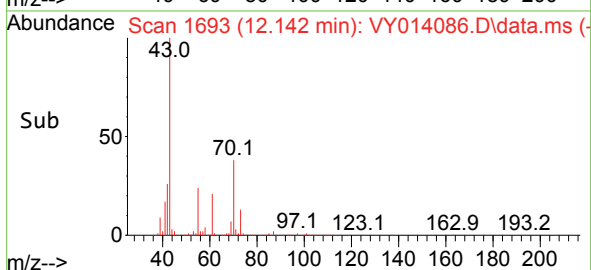
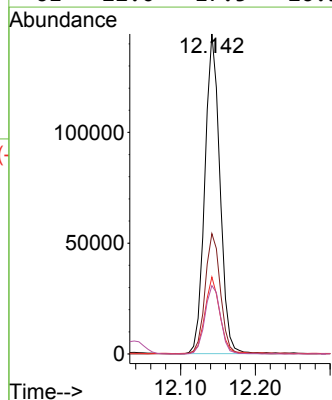
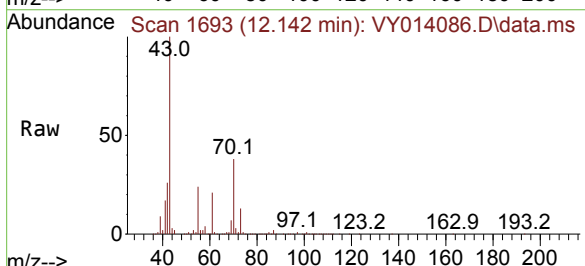
Ion Ratio Lower Upper

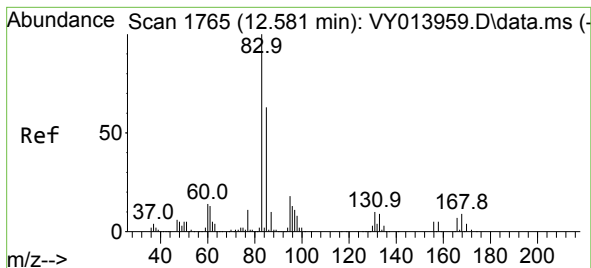
43 100

70 38.3 29.7 44.5

55 23.6 18.3 27.5

61 22.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.660 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

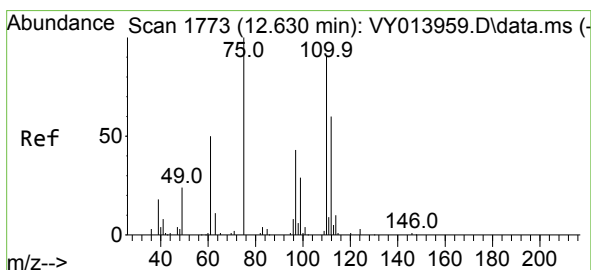
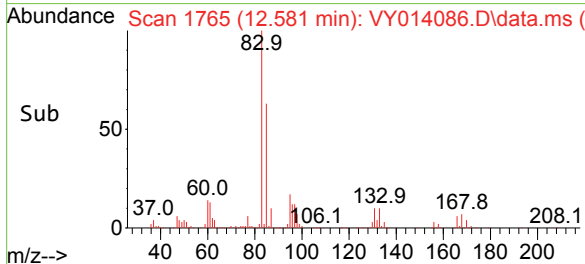
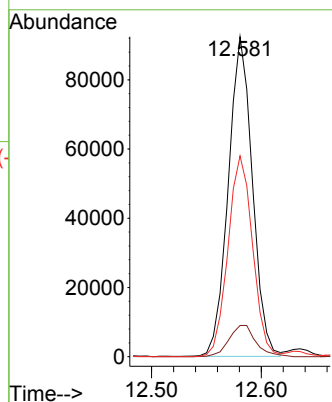
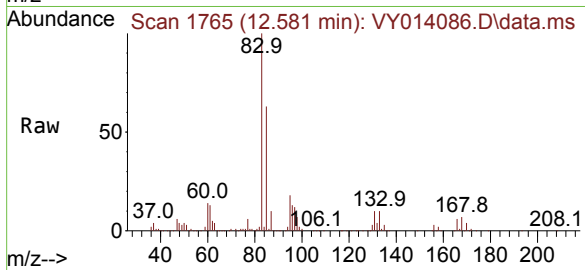
Tgt Ion: 83 Resp: 141309

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.409 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY014086.D

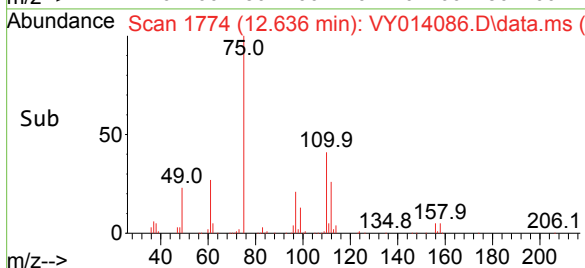
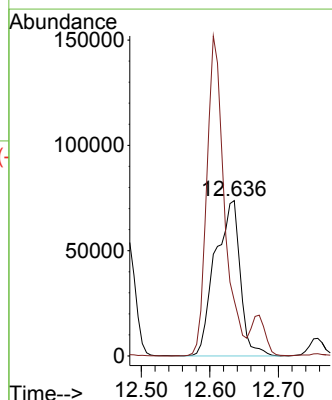
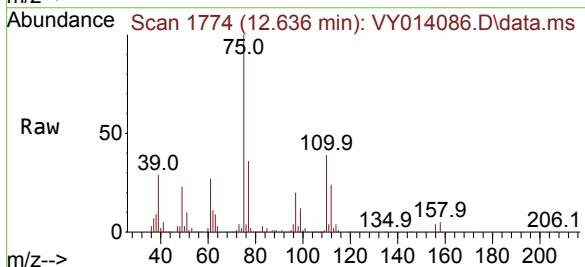
Acq: 08 Jun 2023 20:22

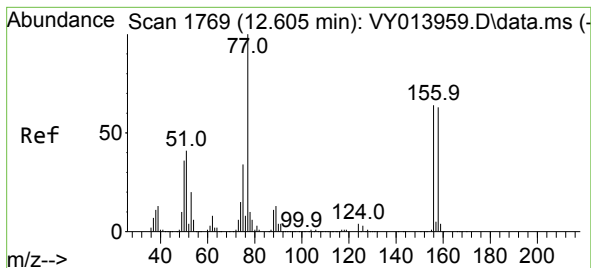
Tgt Ion: 75 Resp: 188020

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.594 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

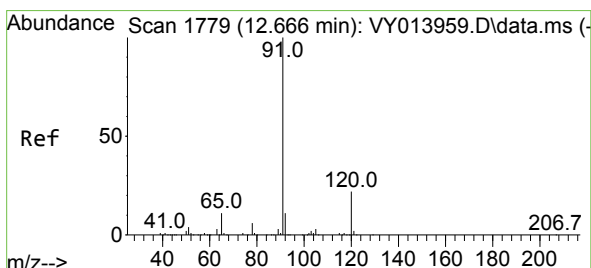
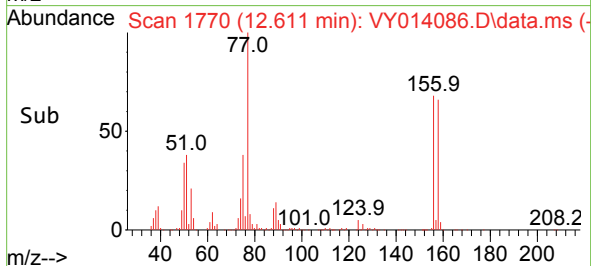
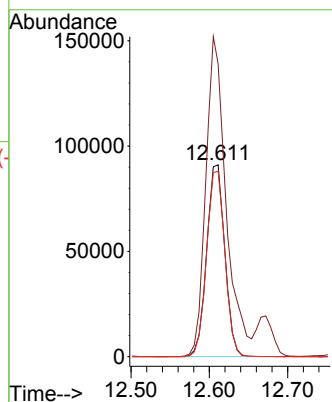
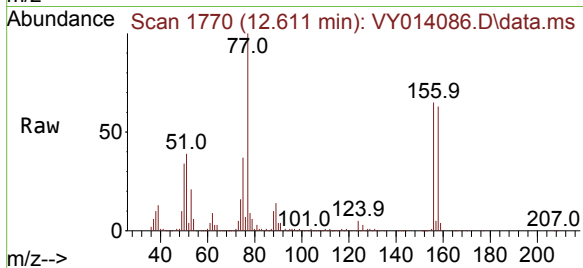
Tgt Ion:156 Resp: 145969

Ion Ratio Lower Upper

156 100

77 187.5 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 53.686 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014086.D

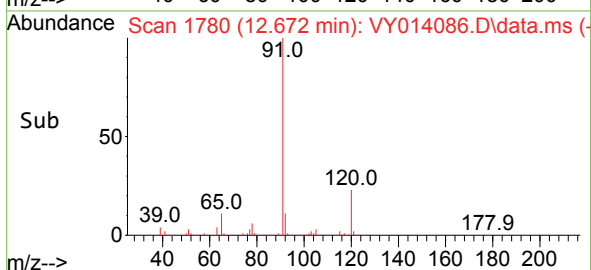
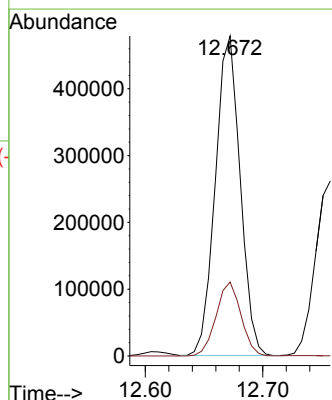
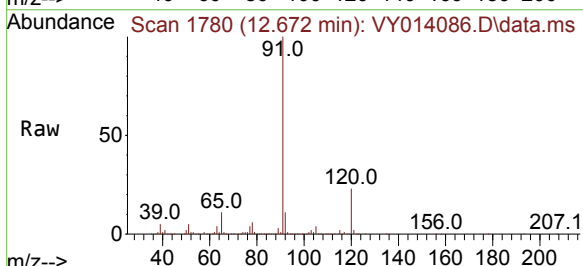
Acq: 08 Jun 2023 20:22

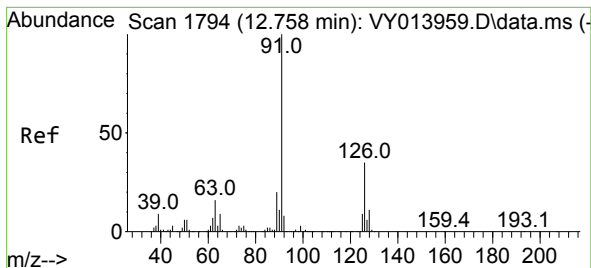
Tgt Ion: 91 Resp: 702216

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

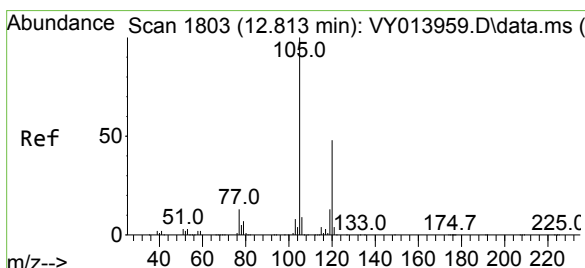
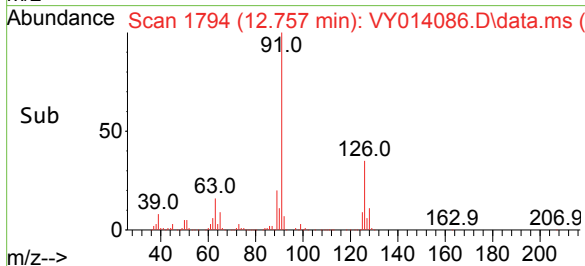
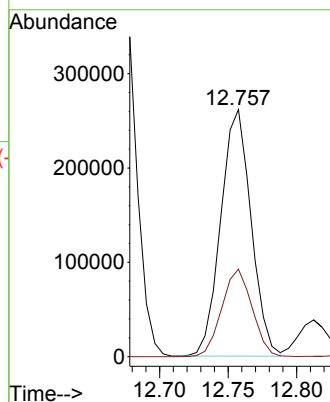
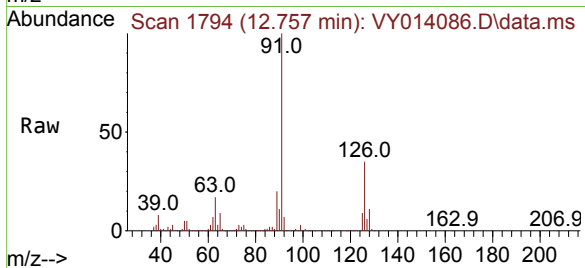




#79  
2-Chlorotoluene  
Concen: 52.085 ug/l  
RT: 12.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

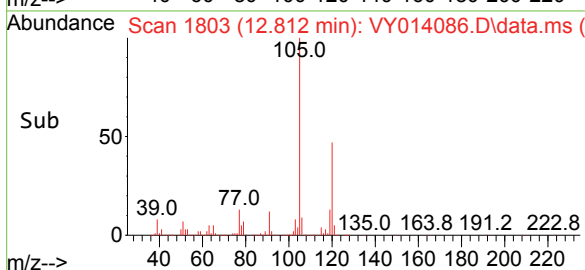
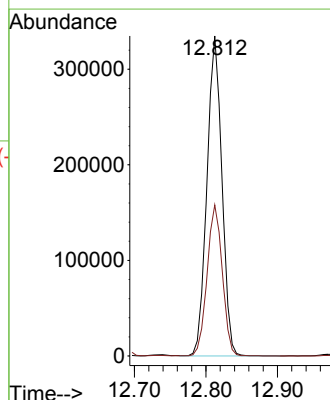
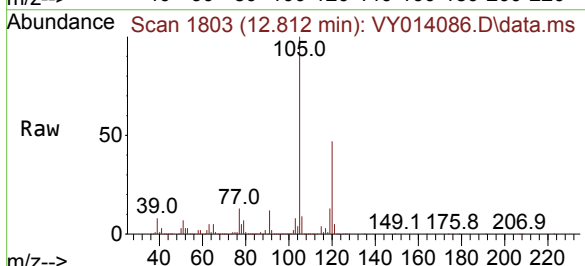
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

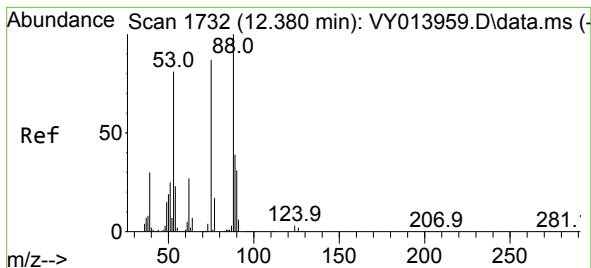
Tgt Ion: 91 Resp: 403322  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 53.300 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 105 Resp: 487543  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.9 71.7

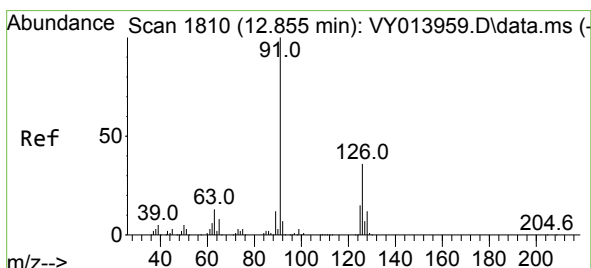
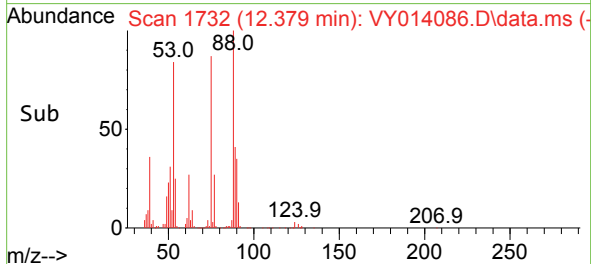
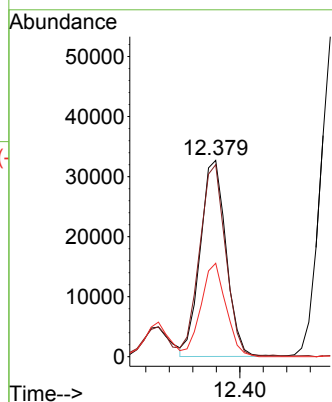
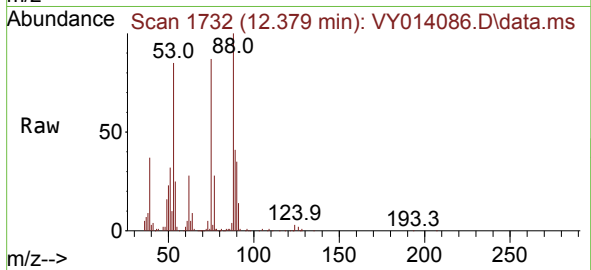




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.558 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

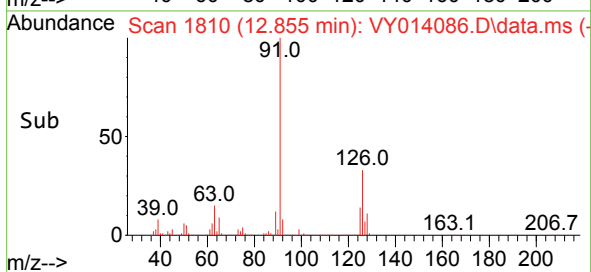
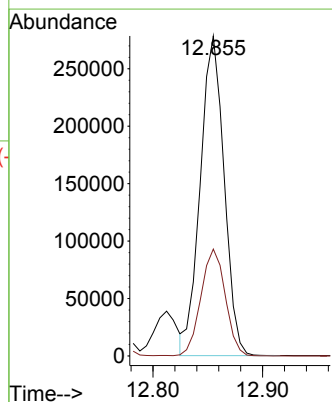
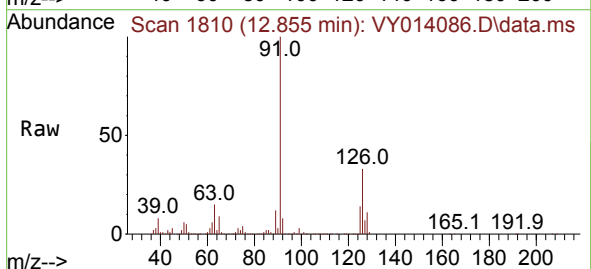
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

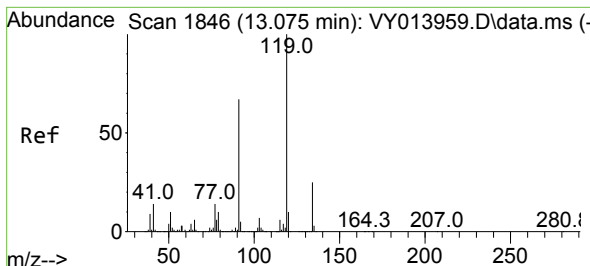
Tgt Ion: 75 Resp: 49804  
Ion Ratio Lower Upper  
75 100  
53 97.8 77.8 116.8  
89 46.4 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 51.633 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 91 Resp: 420492  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.451 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

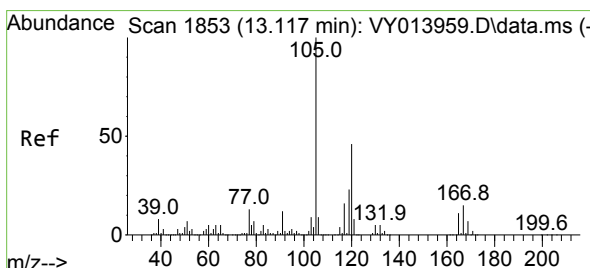
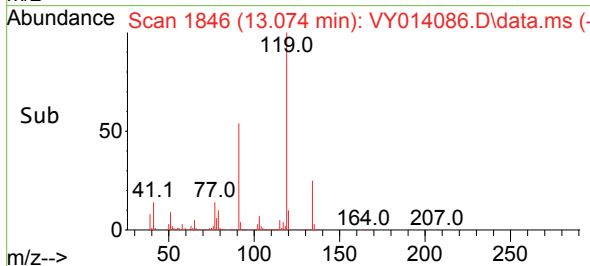
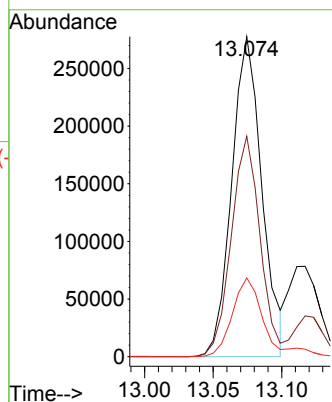
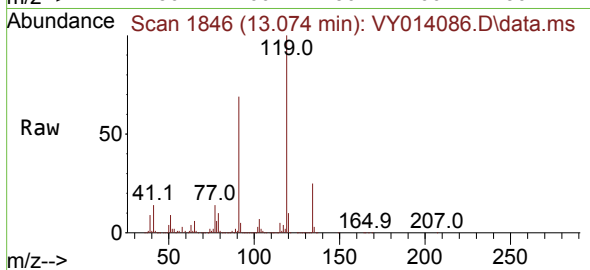
Tgt Ion:119 Resp: 424751

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.389 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014086.D

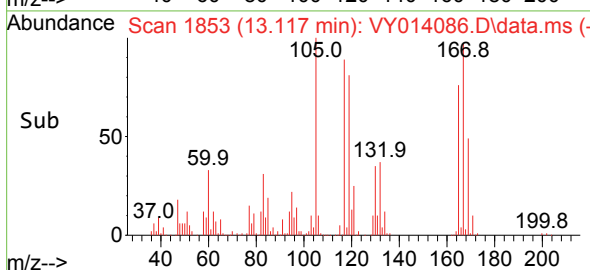
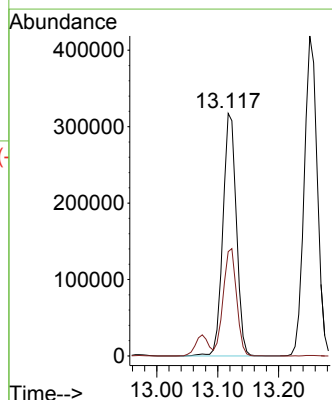
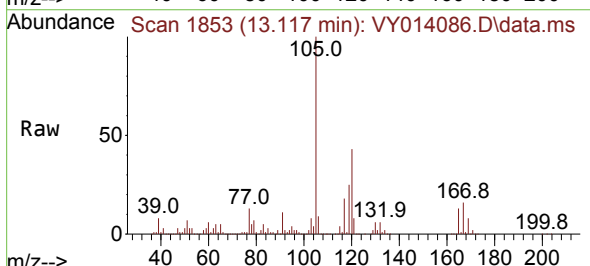
Acq: 08 Jun 2023 20:22

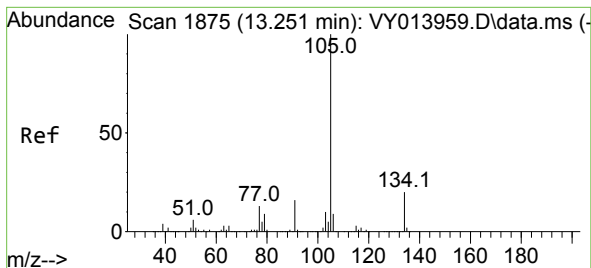
Tgt Ion:105 Resp: 487778

Ion Ratio Lower Upper

105 100

120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.777 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

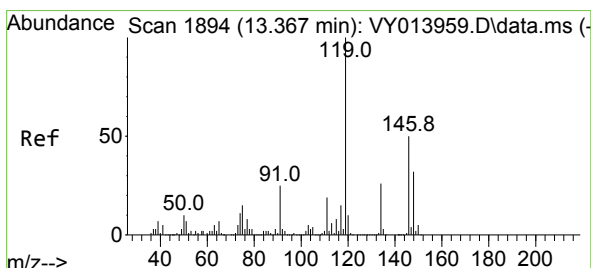
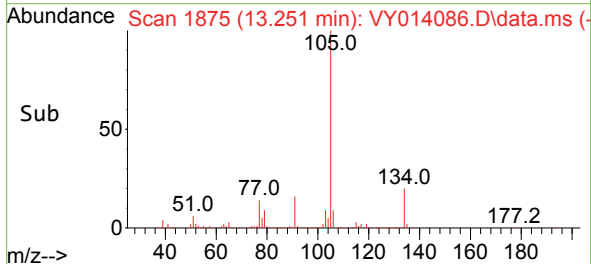
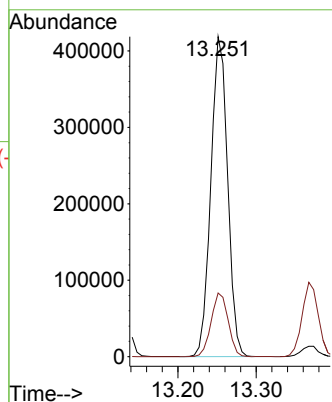
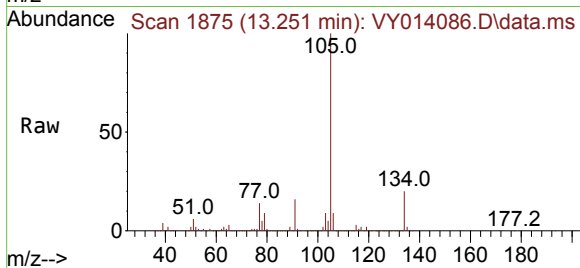
VSTDCCC050EC

Tgt Ion:105 Resp: 621281

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 55.263 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

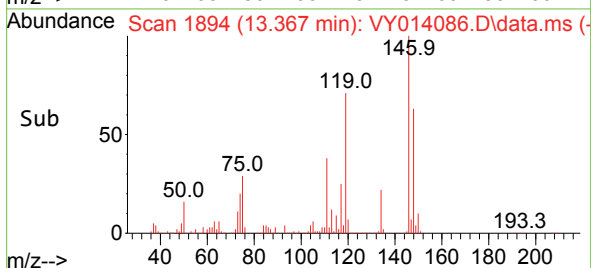
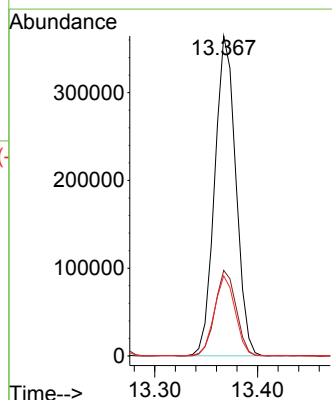
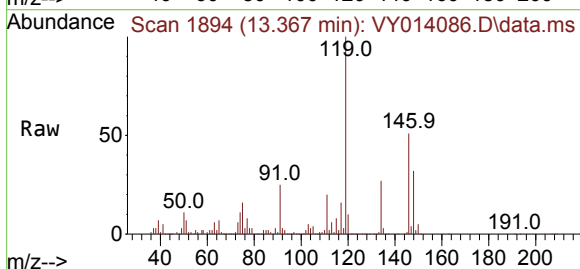
Tgt Ion:119 Resp: 519596

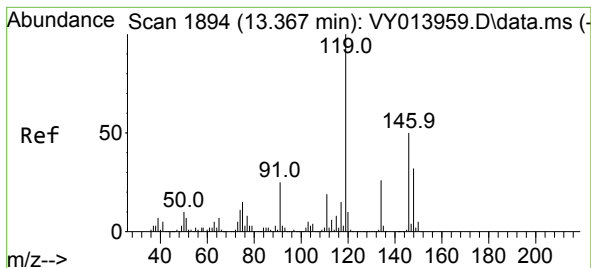
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.928 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

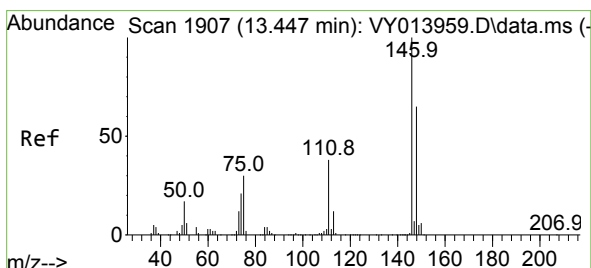
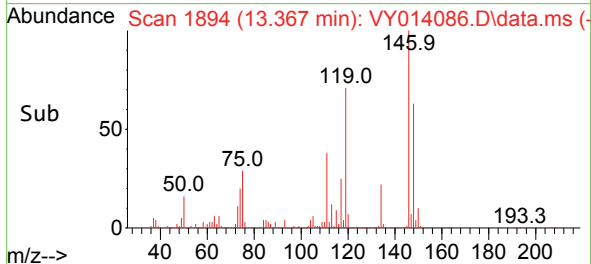
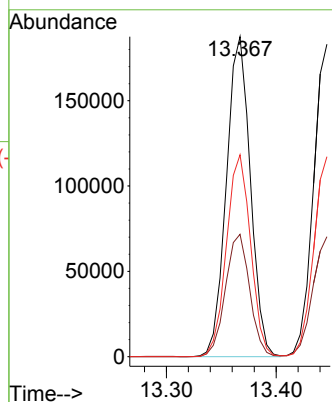
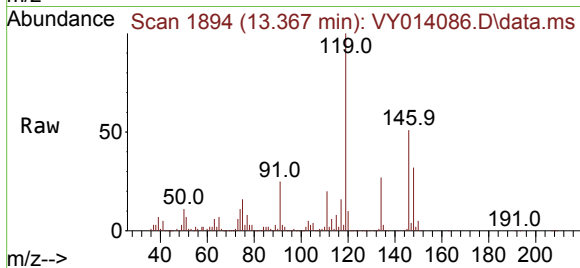
Tgt Ion:146 Resp: 284520

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.153 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

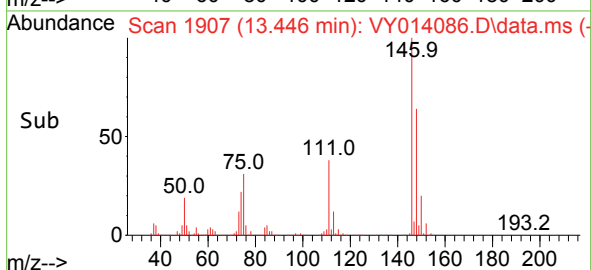
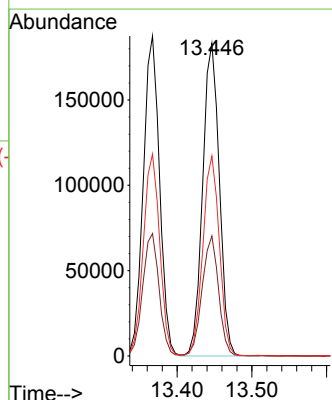
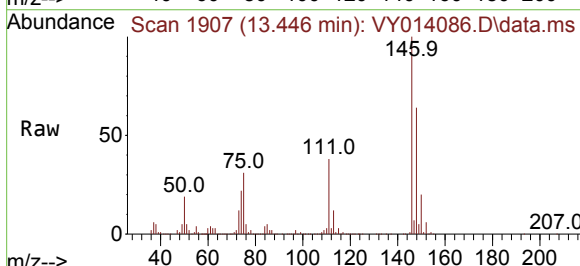
Tgt Ion:146 Resp: 283510

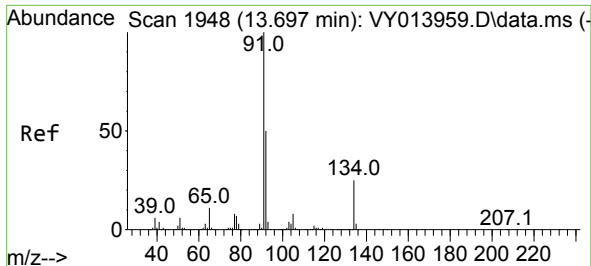
Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

148 63.5 32.1 96.5

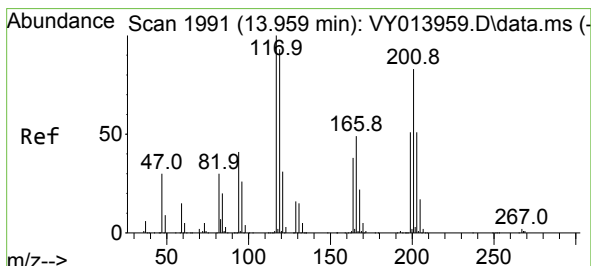
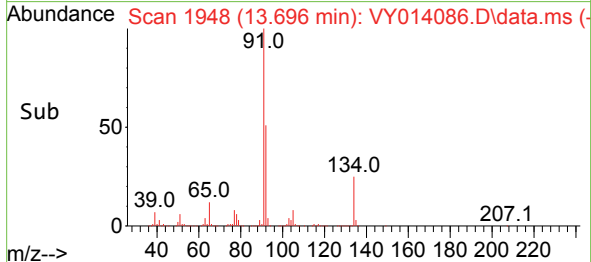
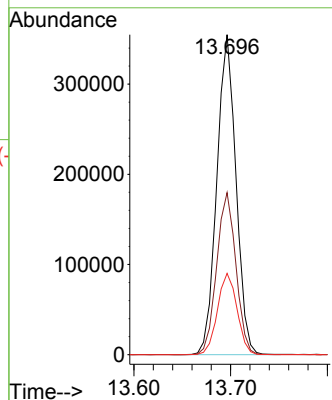
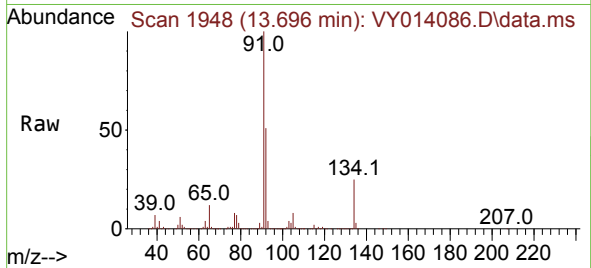




#89  
n-Butylbenzene  
Concen: 54.857 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

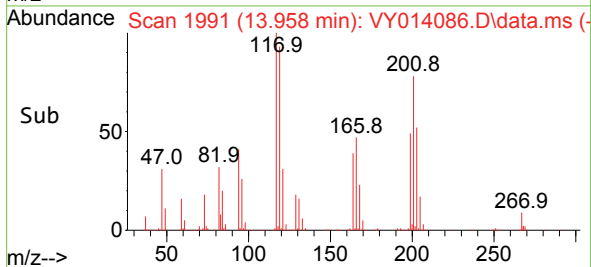
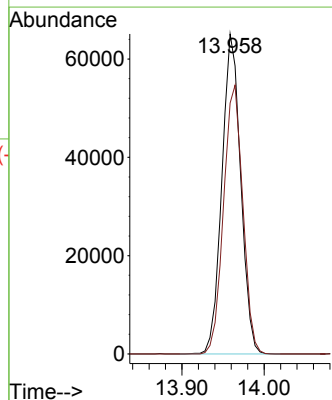
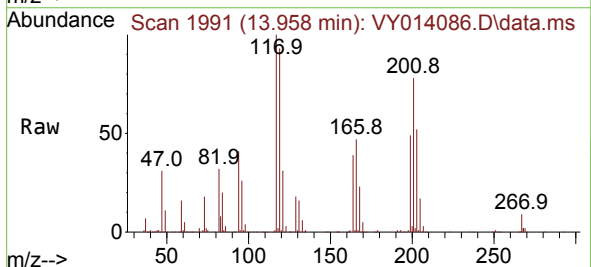
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

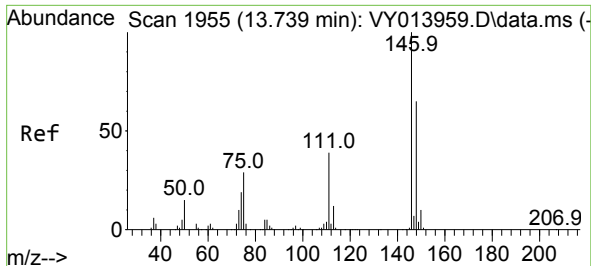
Tgt Ion: 91 Resp: 486665  
Ion Ratio Lower Upper  
91 100  
92 50.9 25.4 76.0  
134 26.0 12.6 37.6



#90  
Hexachloroethane  
Concen: 52.424 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 117 Resp: 103448  
Ion Ratio Lower Upper  
117 100  
201 86.0 41.6 124.8

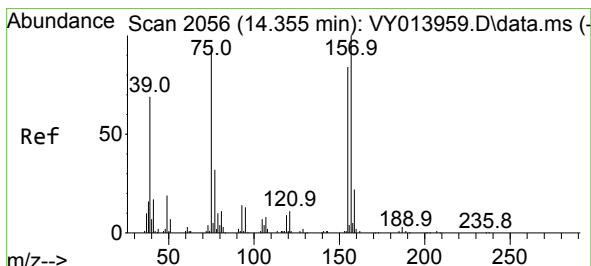
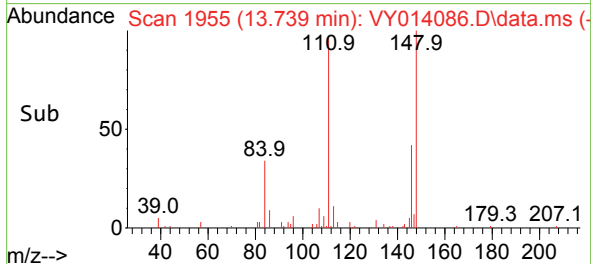
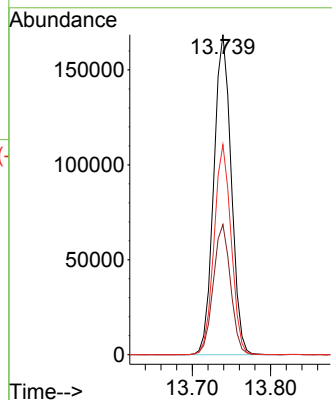
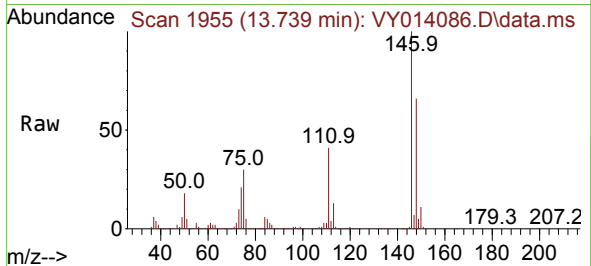




#91  
1,2-Dichlorobenzene  
Concen: 51.678 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

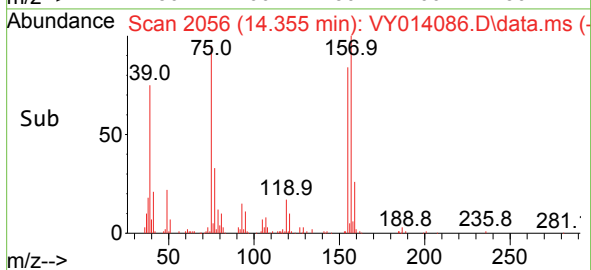
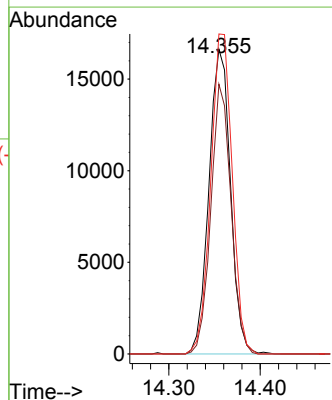
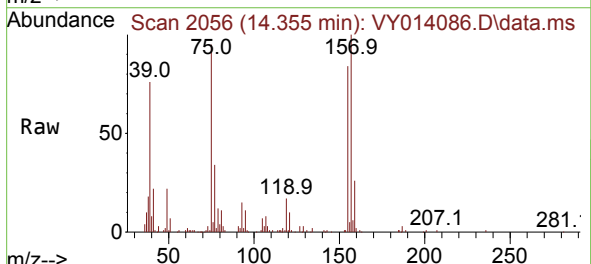
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

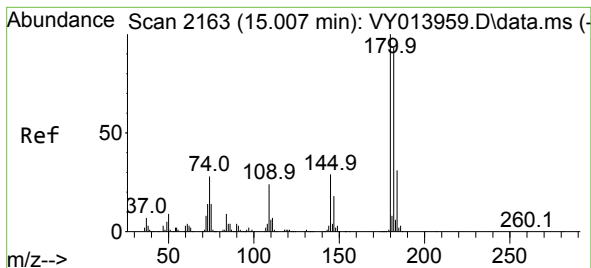
Tgt Ion:146 Resp: 260849  
Ion Ratio Lower Upper  
146 100  
111 40.4 19.7 59.0  
148 64.2 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.584 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY014086.D  
Acq: 08 Jun 2023 20:22

Tgt Ion: 75 Resp: 27214  
Ion Ratio Lower Upper  
75 100  
155 82.8 41.5 124.6  
157 104.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.776 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

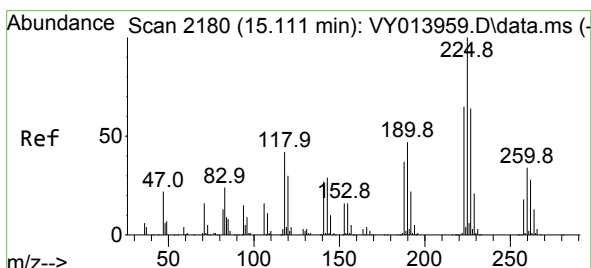
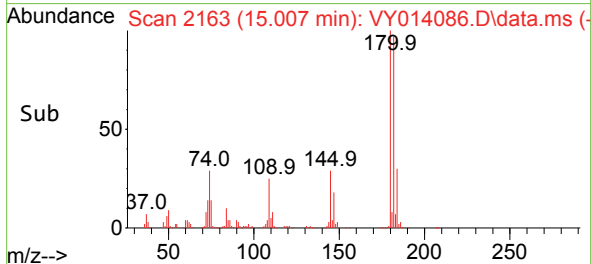
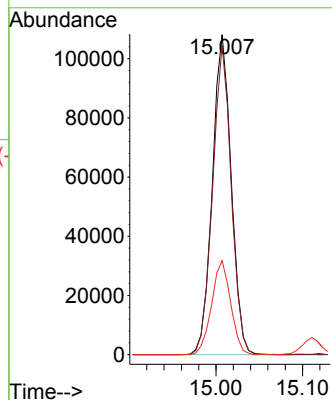
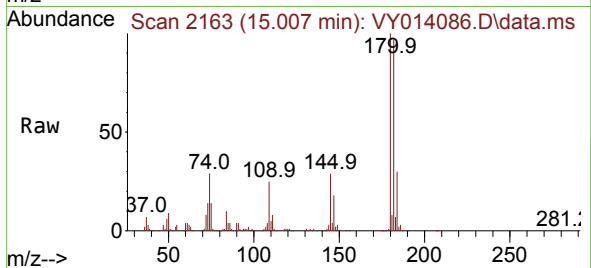
Tgt Ion:180 Resp: 163758

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 56.993 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

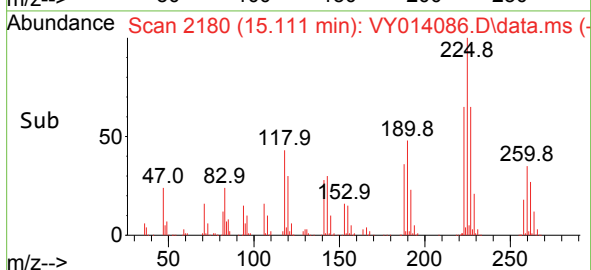
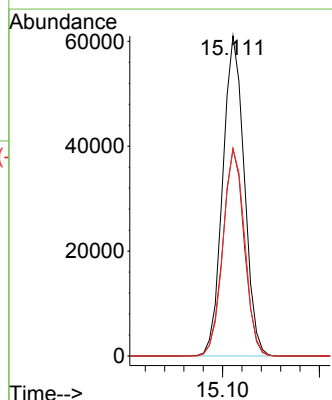
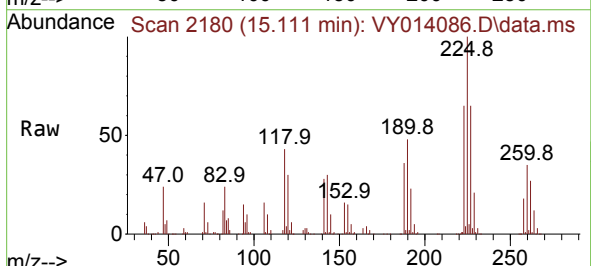
Tgt Ion:225 Resp: 94195

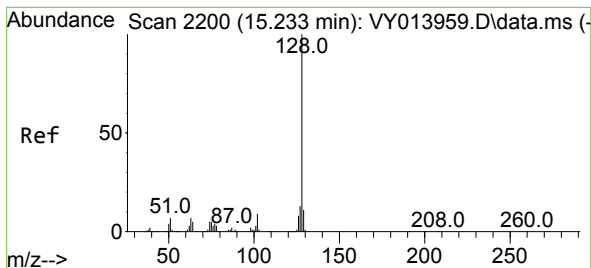
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 48.206 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

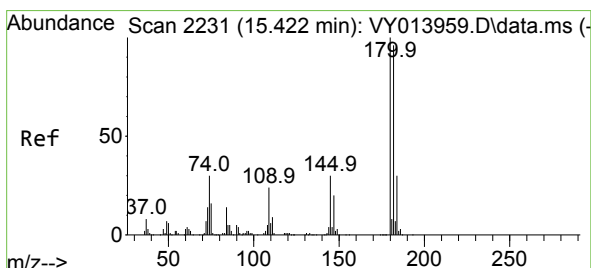
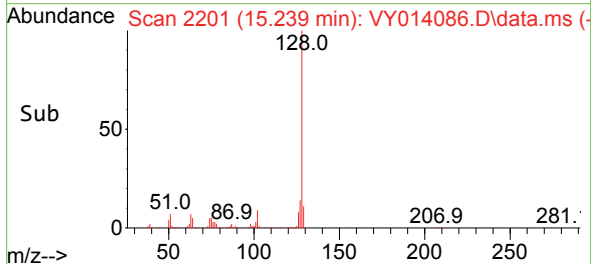
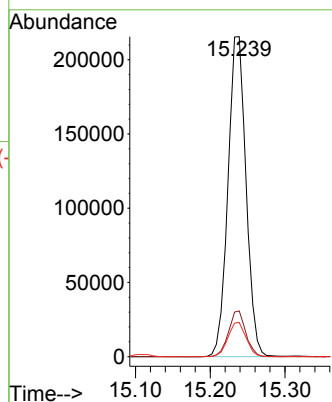
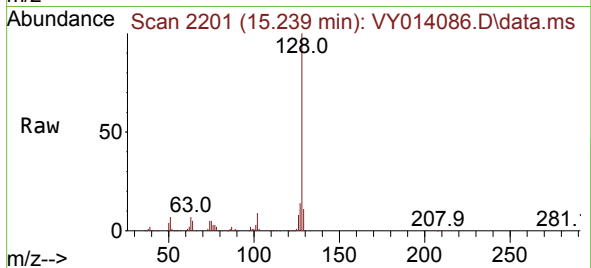
Tgt Ion:128 Resp: 362701

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.618 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014086.D

Acq: 08 Jun 2023 20:22

Tgt Ion:180 Resp: 148706

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 31.0 15.4 46.2

