

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111022\Not Reviewed Data\  
 Data File : VY011386.D  
 Acq On : 10 Nov 2022 13:00  
 Operator : KP/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY111022

Quant Time: Nov 10 19:17:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111022S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 10 17:47:26 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 310885   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 484675   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 436934   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 217518   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 120452   | 46.237   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 92.480% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 129672   | 47.740   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 95.480% |
| 50) Toluene-d8              | 10.179 | 98    | 474532   | 45.730   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 91.460% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 177089   | 48.928   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 97.860% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 89414   | 48.050  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 113702  | 45.506  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.247 | 62  | 134896  | 45.800  | ug/l   | 98  |
| 5) Bromomethane              | 2.650 | 94  | 98849   | 46.347  | ug/l   | 98  |
| 6) Chloroethane              | 2.790 | 64  | 90413   | 46.229  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 219107  | 47.149  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.528 | 74  | 82462   | 50.532  | ug/l   | 73  |
| 9) 1,1,2-Trichlorotrifluo... | 3.900 | 101 | 137180  | 48.690  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.088 | 142 | 181177  | 48.216  | ug/l   | 90  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 80363   | 251.091 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 135245  | 48.483  | ug/l # | 78  |
| 13) Acrolein                 | 3.729 | 56  | 18587   | 240.906 | ug/l   | 95  |
| 14) Allyl chloride           | 4.473 | 41  | 188612  | 50.103  | ug/l # | 83  |
| 15) Acrylonitrile            | 5.161 | 53  | 203589  | 261.098 | ug/l   | 96  |
| 16) Acetone                  | 3.942 | 43  | 178828  | 260.136 | ug/l # | 79  |
| 17) Carbon Disulfide         | 4.192 | 76  | 387302  | 46.614  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.473 | 43  | 92875   | 48.676  | ug/l # | 81  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 379962  | 52.081  | ug/l   | 95  |
| 20) Methylene Chloride       | 4.710 | 84  | 201223  | 54.526  | ug/l # | 79  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 155327  | 48.837  | ug/l   | 84  |
| 22) Diisopropyl ether        | 6.119 | 45  | 411033  | 51.160  | ug/l # | 88  |
| 23) Vinyl Acetate            | 6.058 | 43  | 1286533 | 273.719 | ug/l # | 88  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 259215  | 49.546  | ug/l   | 98  |
| 25) 2-Butanone               | 6.978 | 43  | 258010  | 263.488 | ug/l # | 81  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 240869  | 49.229  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 178683  | 49.919  | ug/l   | 84  |
| 28) Bromochloromethane       | 7.332 | 49  | 97258   | 51.188  | ug/l # | 70  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 160181  | 270.049 | ug/l # | 77  |
| 30) Chloroform               | 7.503 | 83  | 272157  | 49.185  | ug/l   | 99  |
| 31) Cyclohexane              | 7.783 | 56  | 223081  | 47.655  | ug/l   | 87  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 246482  | 49.251  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 208639  | 49.490  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.070 | 43  | 108033  | 53.347  | ug/l # | 89  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 226782  | 49.454  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.179 | 83  | 259060  | 50.291  | ug/l   | 88  |
| 40) Benzene                  | 8.161 | 78  | 620644  | 49.300  | ug/l   | 98  |

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 Operator : KP/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY111022

Quant Time: Nov 10 19:17:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111022S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 10 17:47:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 143829   | 137.157  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 167114   | 50.653   | ug/l   | 89       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 194961   | 53.366   | ug/l # | 84       |
| 44) Trichloroethene           | 8.935  | 130  | 175032   | 49.494   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 149292   | 49.827   | ug/l   | 95       |
| 46) Dibromomethane            | 9.301  | 93   | 89750    | 51.448   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 211314   | 50.558   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 90397    | 55.061   | ug/l # | 74       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 25995    | 1091.503 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 542300   | 276.041  | ug/l # | 82       |
| 52) Toluene                   | 10.240 | 92   | 403312   | 50.168   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 222098   | 51.535   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 255190   | 51.305   | ug/l # | 78       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 131055   | 51.878   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 180582   | 55.589   | ug/l # | 70       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 219181   | 52.010   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 402735   | 268.196  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.831 | 43   | 390675   | 280.711  | ug/l   | 79       |
| 60) Dibromochloromethane      | 10.984 | 129  | 159953   | 51.295   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 125554   | 51.691   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 173683   | 49.729   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 435343   | 49.781   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 164181   | 50.179   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 770964   | 50.453   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 608195   | 101.520  | ug/l   | 93       |
| 69) o-Xylene                  | 12.026 | 106  | 288909   | 51.130   | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 492507   | 51.850   | ug/l   | 95       |
| 71) Bromoform                 | 12.203 | 173  | 106464   | 52.496   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 765498   | 50.917   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 177104   | 55.993   | ug/l # | 80       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 150796   | 52.205   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 202973   | 80.614   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 180851   | 50.304   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 911649   | 50.820   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 514534   | 50.153   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 643342   | 50.735   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 54703    | 52.223   | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 533069   | 50.053   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 564054   | 51.449   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 637385   | 51.209   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 817676   | 50.667   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 697322   | 51.549   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 360273   | 50.200   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 357049   | 50.309   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 632695   | 52.052   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 133939   | 50.606   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 323360   | 50.792   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 25630    | 54.458   | ug/l   | 75       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 206672   | 55.068   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 116186   | 52.401   | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 433577   | 52.511   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 181597   | 56.032   | ug/l   | 99       |

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Operator : KP/MD  
Sample : VSTDICV050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 11 Sample Multiplier: 1

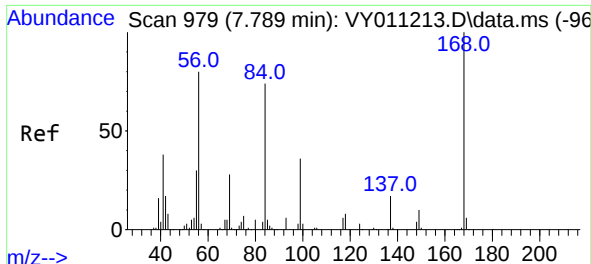
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

Quant Time: Nov 10 19:17:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111022S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 10 17:47:26 2022  
Response via : Initial Calibration

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

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

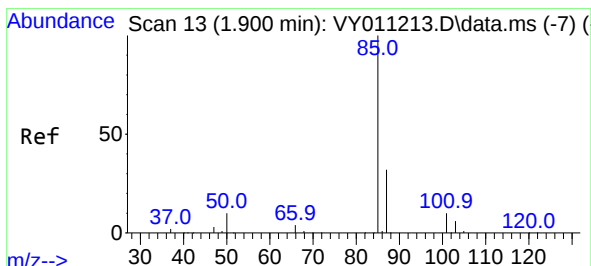
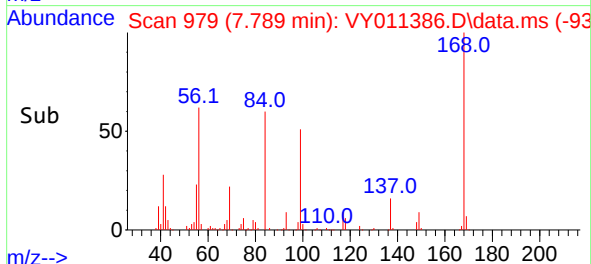
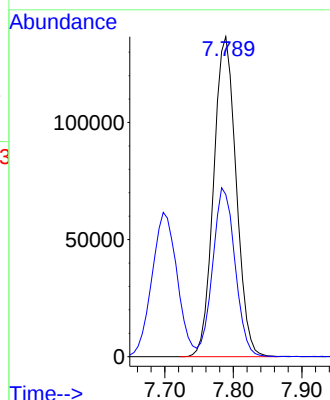
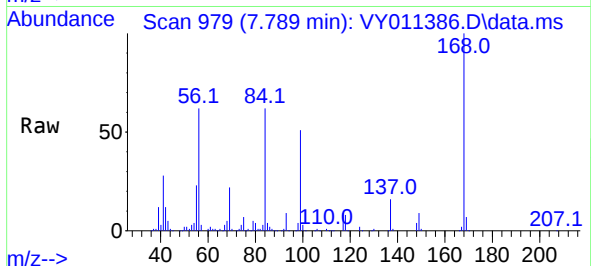




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

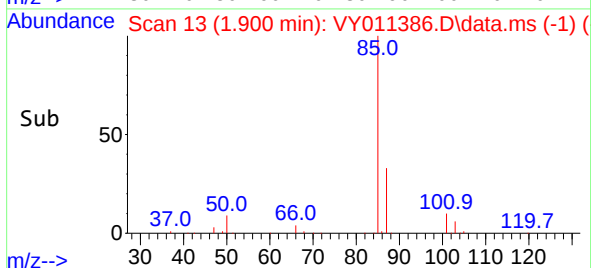
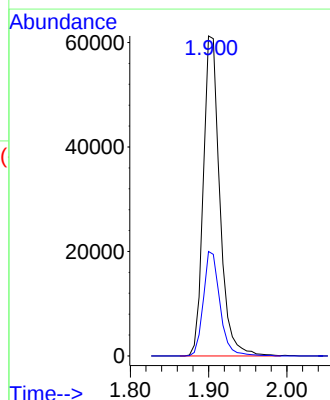
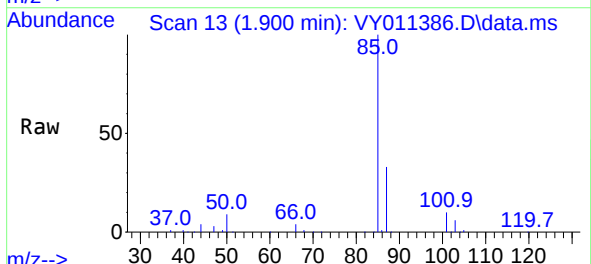
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

Tgt Ion:168 Resp: 310885  
Ion Ratio Lower Upper  
168 100  
99 50.5 46.9 70.3

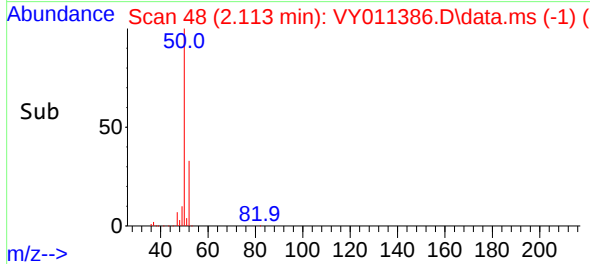
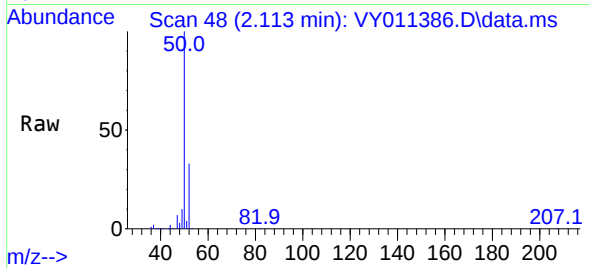
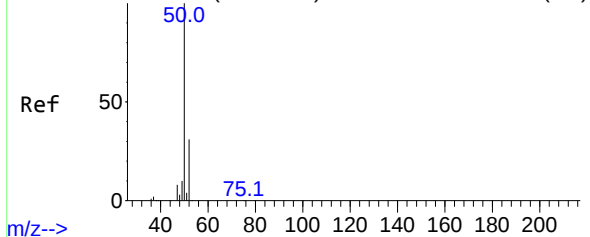


#2  
Dichlorodifluoromethane  
Concen: 48.050 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 85 Resp: 89414  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.1 48.2



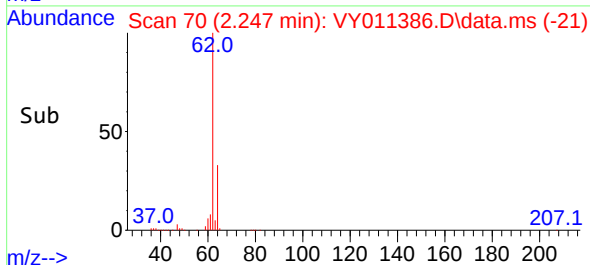
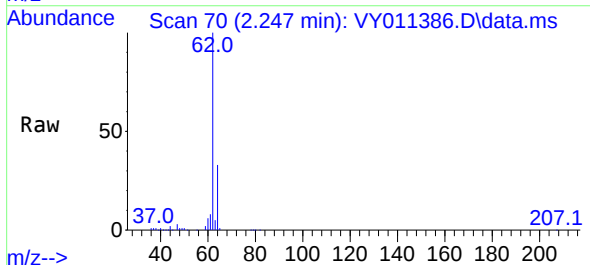
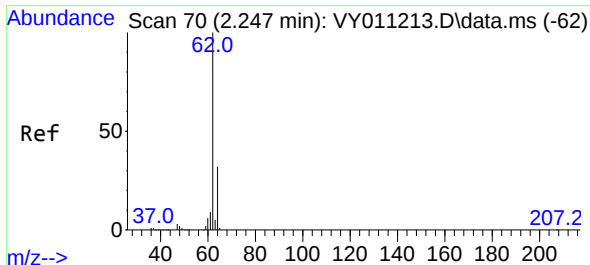
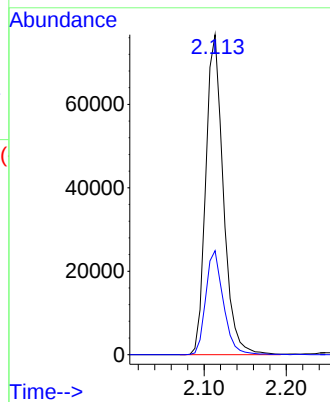
Abundance Scan 47 (2.107 min): VY011213.D\data.ms (-41)



#3  
Chloromethane  
Concen: 45.506 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

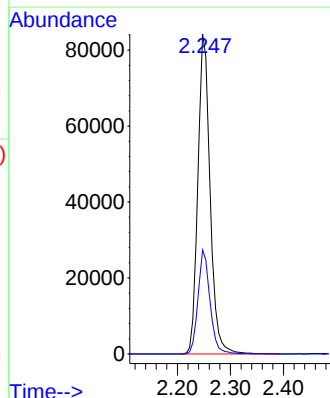
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

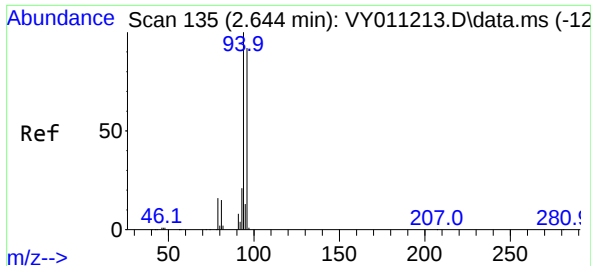
Tgt Ion: 50 Resp: 113702  
Ion Ratio Lower Upper  
50 100  
52 32.5 24.6 37.0



#4  
Vinyl Chloride  
Concen: 45.800 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 62 Resp: 134896  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.0 37.6

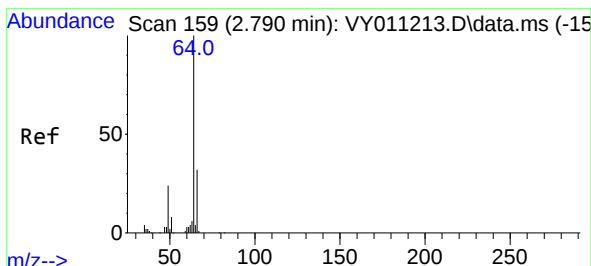
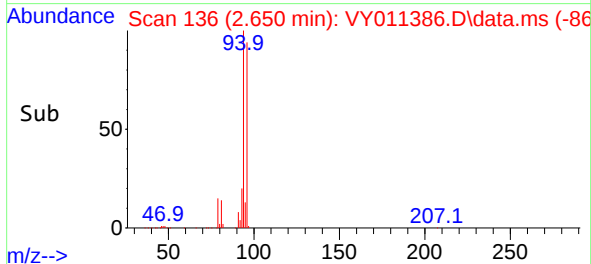
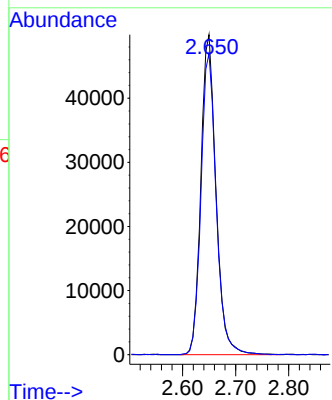
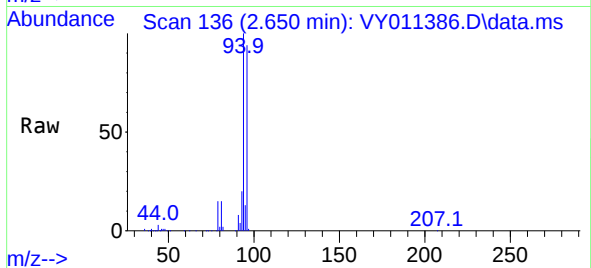




#5  
Bromomethane  
Concen: 46.347 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

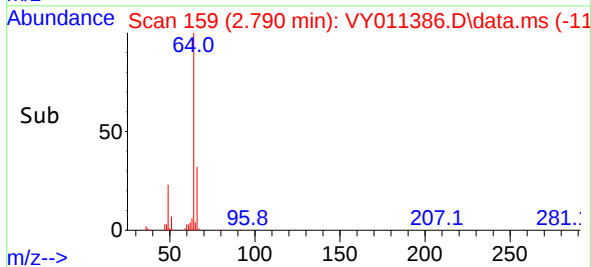
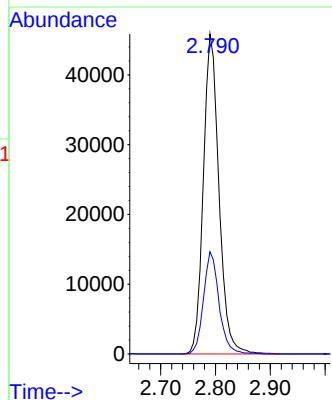
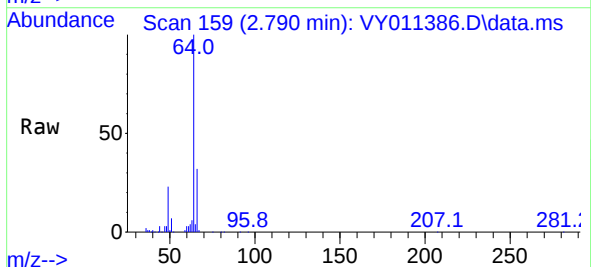
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

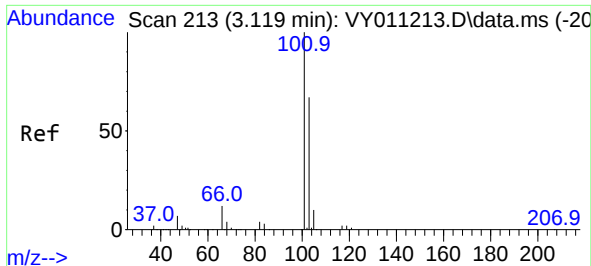
Tgt Ion: 94 Resp: 98849  
Ion Ratio Lower Upper  
94 100  
96 94.1 73.5 110.3



#6  
Chloroethane  
Concen: 46.229 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 64 Resp: 90413  
Ion Ratio Lower Upper  
64 100  
66 31.9 25.4 38.0

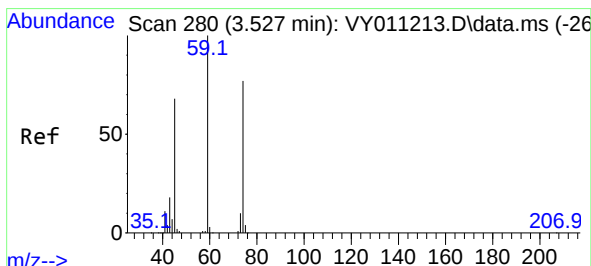
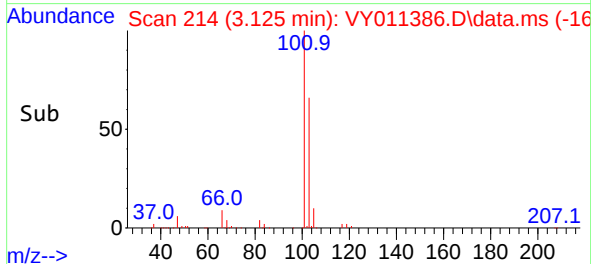
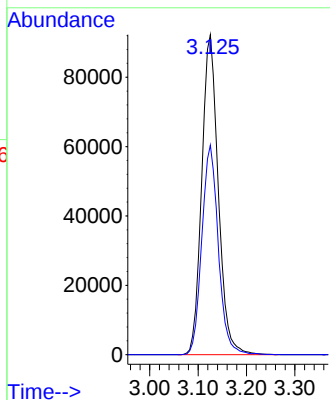
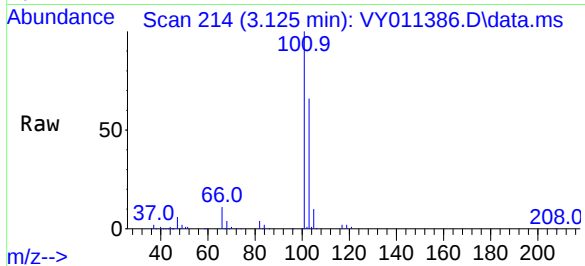




#7  
Trichlorofluoromethane  
Concen: 47.149 ug/l  
RT: 3.125 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

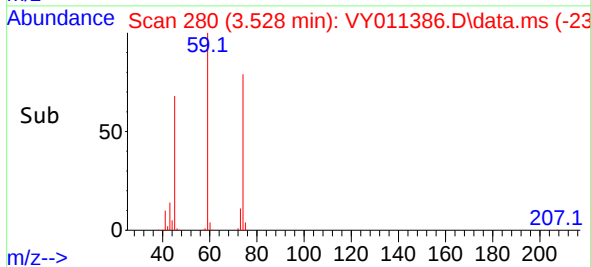
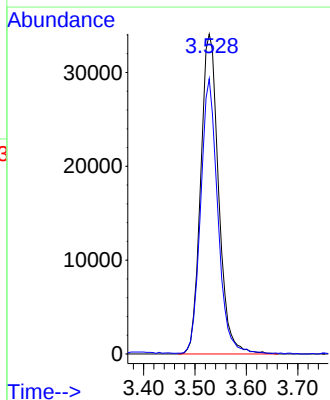
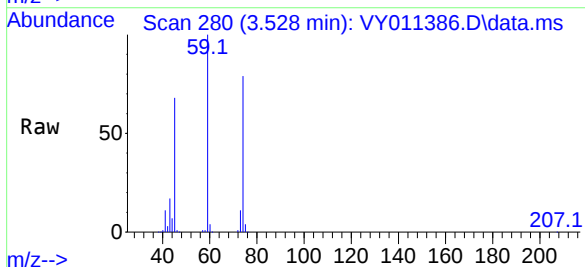
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

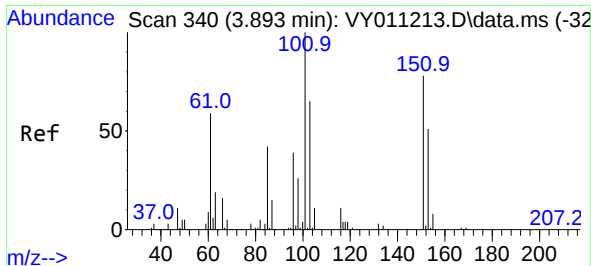
Tgt Ion:101 Resp: 219107  
Ion Ratio Lower Upper  
101 100  
103 65.5 48.0 72.0



#8  
Diethyl Ether  
Concen: 50.532 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 74 Resp: 82462  
Ion Ratio Lower Upper  
74 100  
45 82.2 55.1 165.5

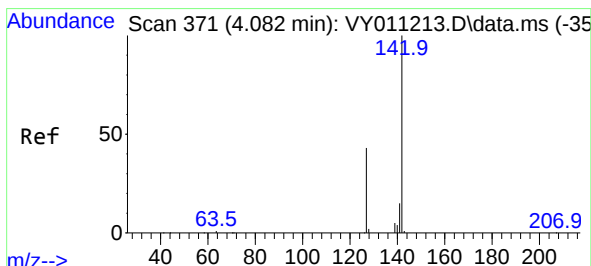
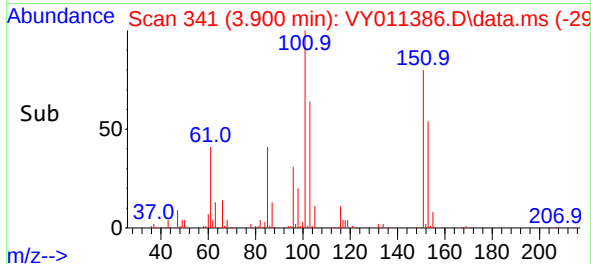
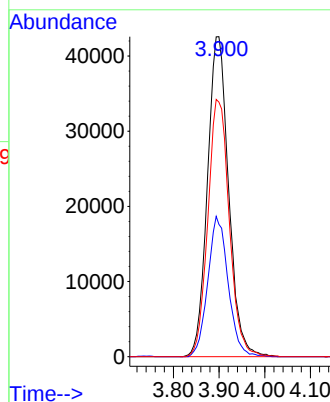
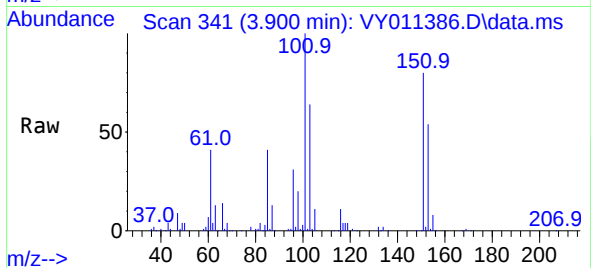




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.690 ug/l  
RT: 3.900 min Scan# 340  
Delta R.T. 0.007 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

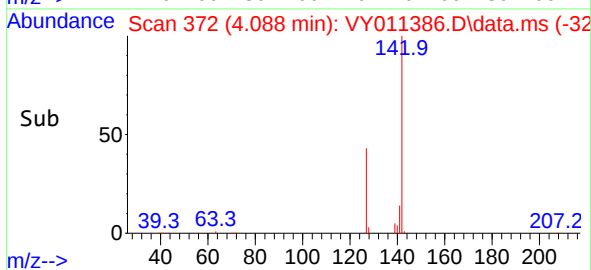
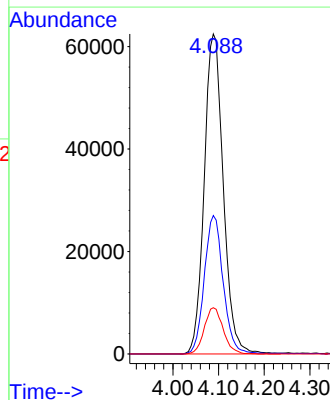
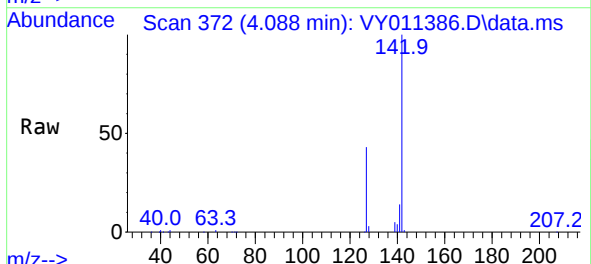
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

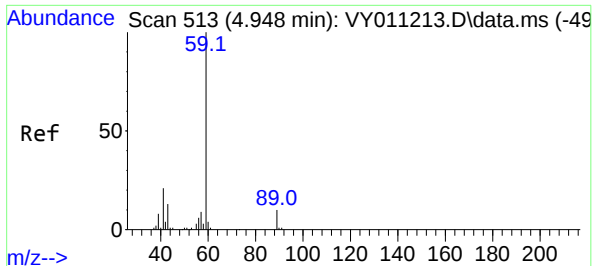
Tgt Ion:101 Resp: 137180  
Ion Ratio Lower Upper  
101 100  
85 42.2 40.6 60.8  
151 81.4 64.9 97.3



#10  
Methyl Iodide  
Concen: 48.216 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:142 Resp: 181177  
Ion Ratio Lower Upper  
142 100  
127 42.8 41.5 62.3  
141 14.3 11.9 17.9

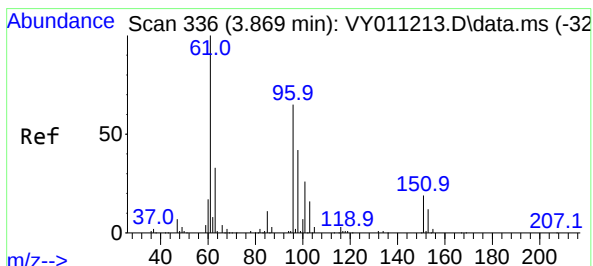
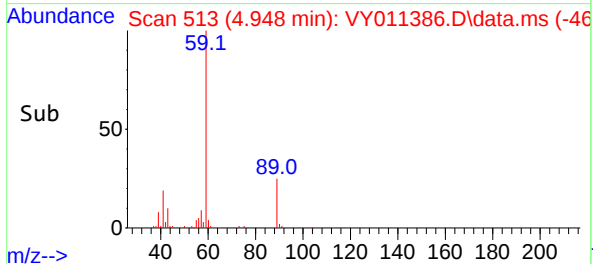
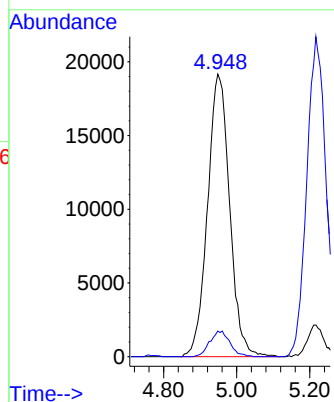
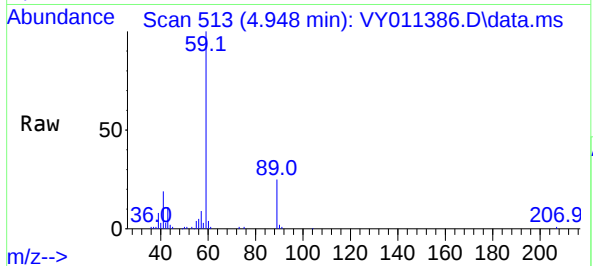




#11  
Tert butyl alcohol  
Concen: 251.091 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

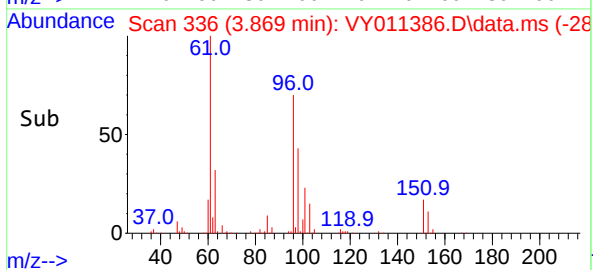
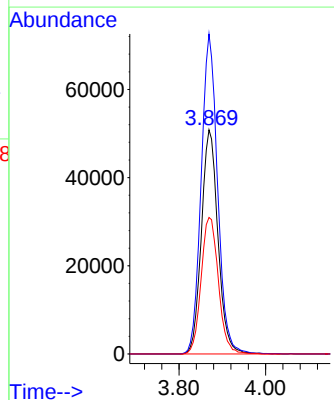
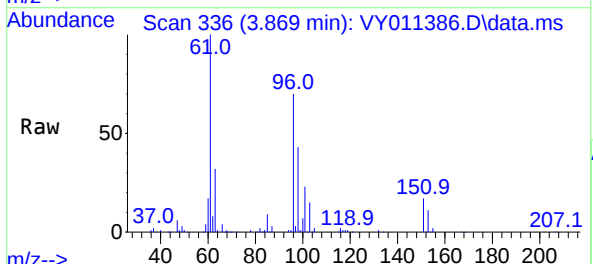
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

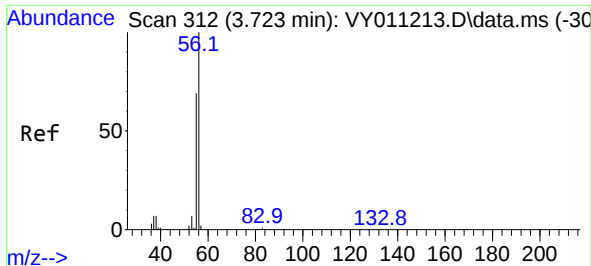
Tgt Ion: 59 Resp: 80363  
Ion Ratio Lower Upper  
59 100  
57 8.3 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 48.483 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 96 Resp: 135245  
Ion Ratio Lower Upper  
96 100  
61 142.7 145.8 218.6#  
98 60.9 52.5 78.7

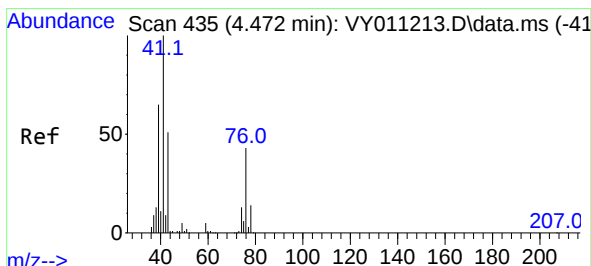
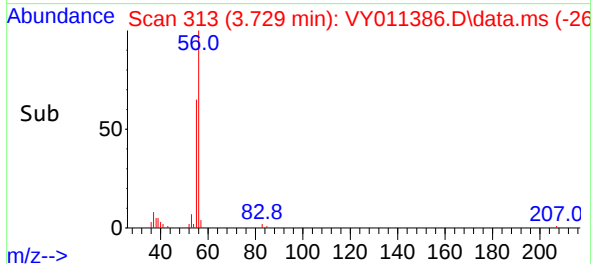
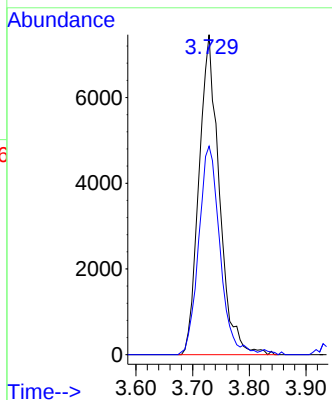
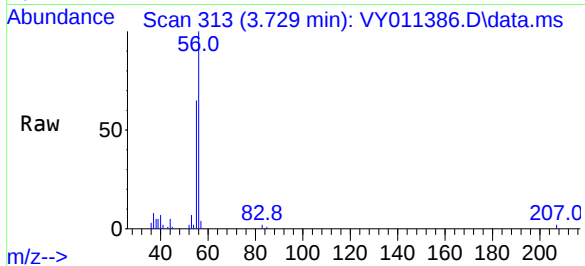




#13  
Acrolein  
Concen: 240.906 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

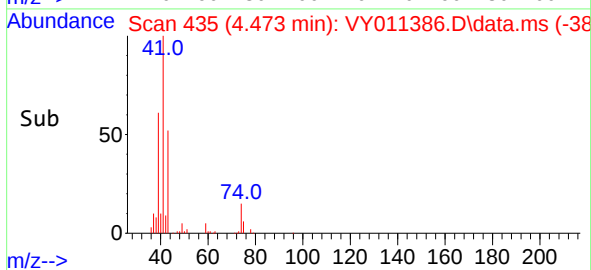
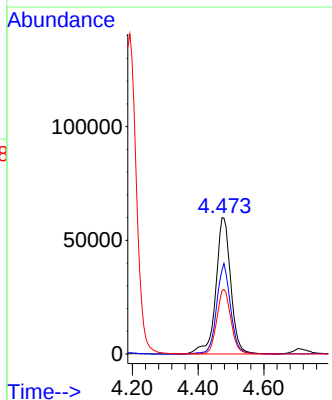
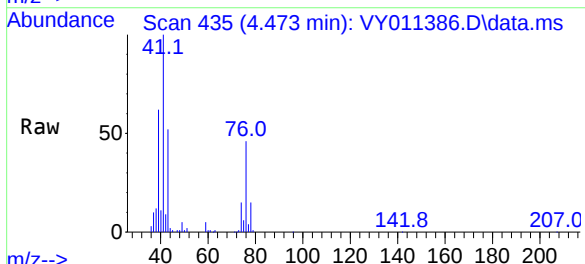
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

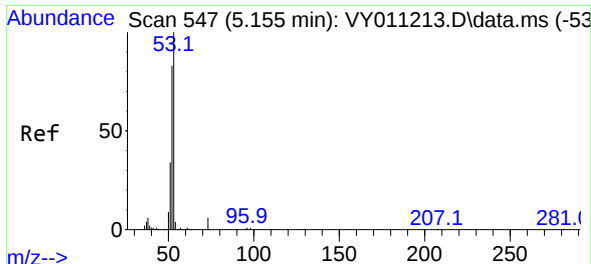
Tgt Ion: 56 Resp: 18587  
Ion Ratio Lower Upper  
56 100  
55 68.1 57.6 86.4



#14  
Allyl chloride  
Concen: 50.103 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 41 Resp: 188612  
Ion Ratio Lower Upper  
41 100  
39 61.3 58.8 88.2  
76 44.6 25.1 37.7#





#15

Acrylonitrile

Concen: 261.098 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

ICVVY111022

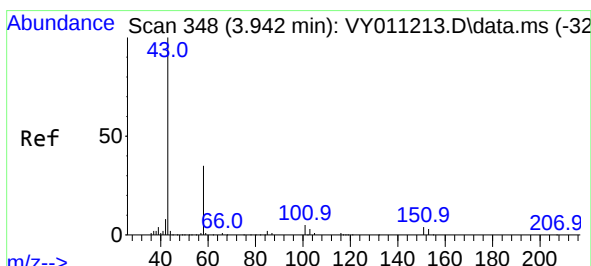
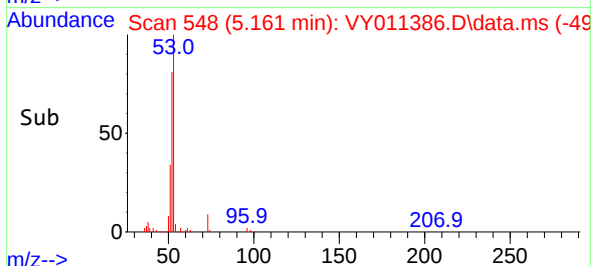
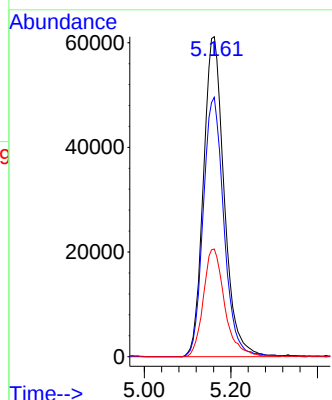
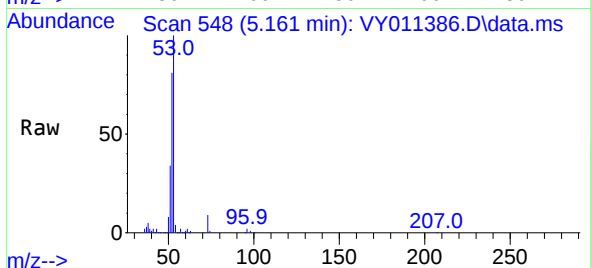
Tgt Ion: 53 Resp: 203589

Ion Ratio Lower Upper

53 100

52 80.6 67.0 100.4

51 34.5 29.8 44.6



#16

Acetone

Concen: 260.136 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011386.D

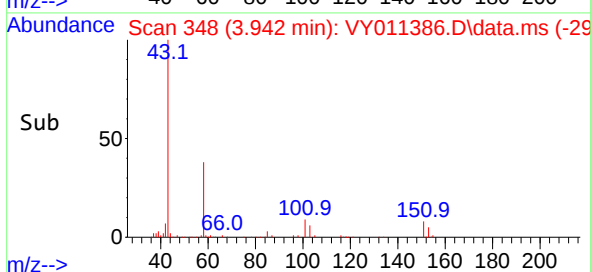
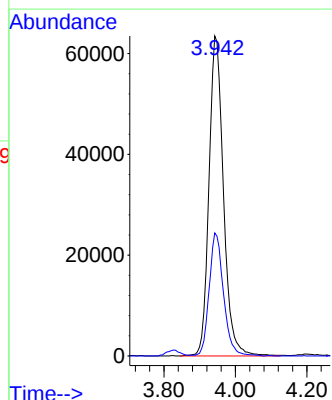
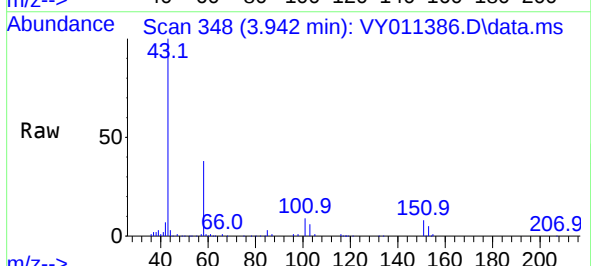
Acq: 10 Nov 2022 13:00

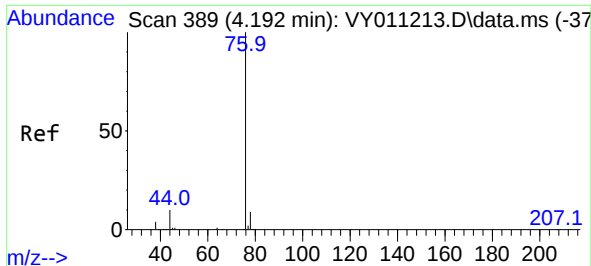
Tgt Ion: 43 Resp: 178828

Ion Ratio Lower Upper

43 100

58 38.4 22.0 33.0#

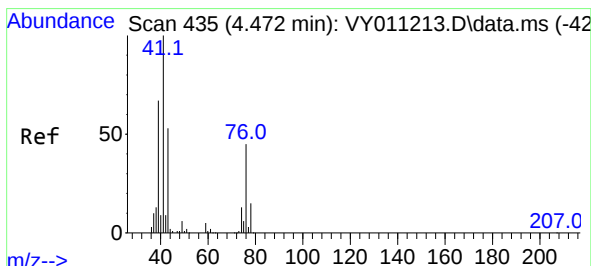
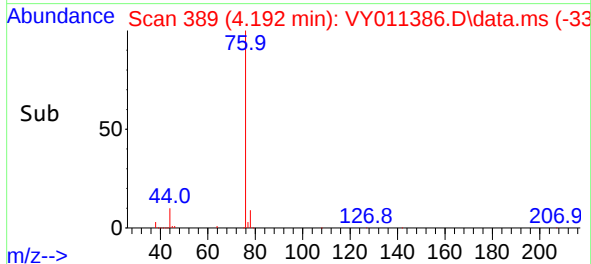
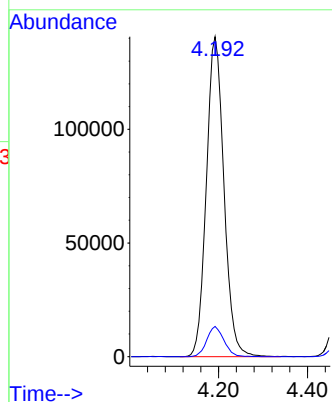
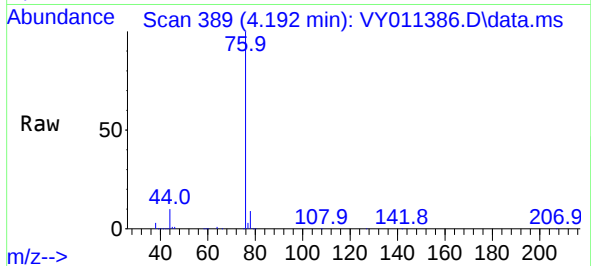




#17  
Carbon Disulfide  
Concen: 46.614 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

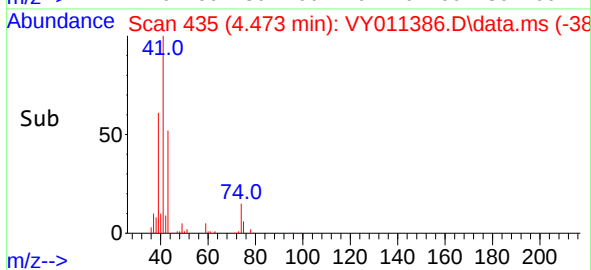
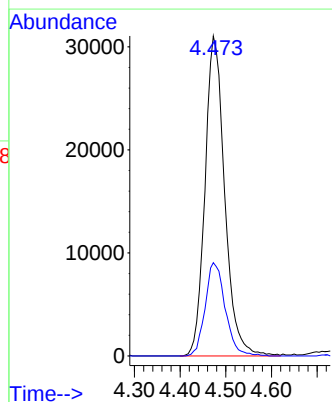
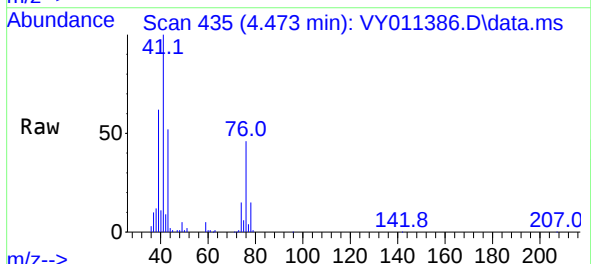
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

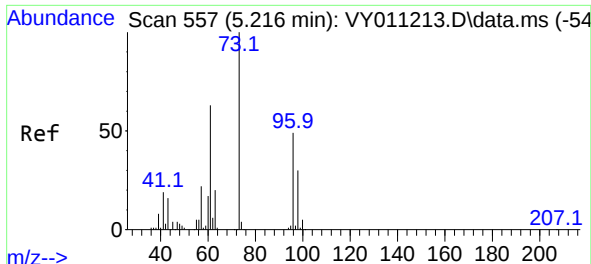
Tgt Ion: 76 Resp: 387302  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 48.676 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 43 Resp: 92875  
Ion Ratio Lower Upper  
43 100  
74 29.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 52.081 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

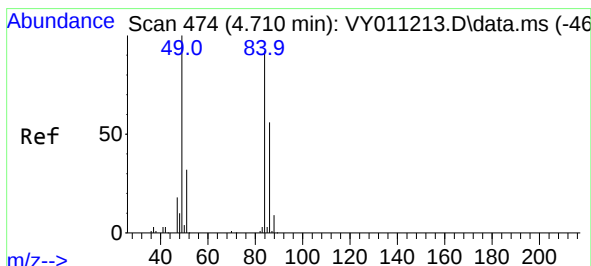
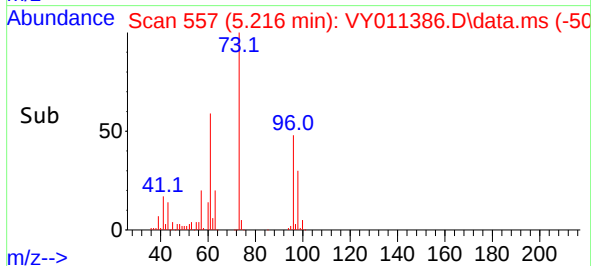
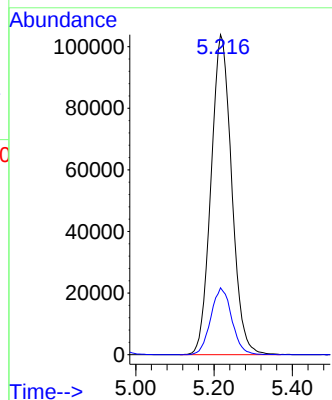
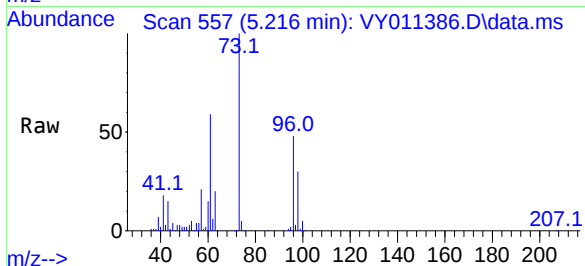
ICVY111022

Tgt Ion: 73 Resp: 379962

Ion Ratio Lower Upper

73 100

57 20.9 18.6 27.8



#20

Methylene Chloride

Concen: 54.526 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Tgt Ion: 84 Resp: 201223

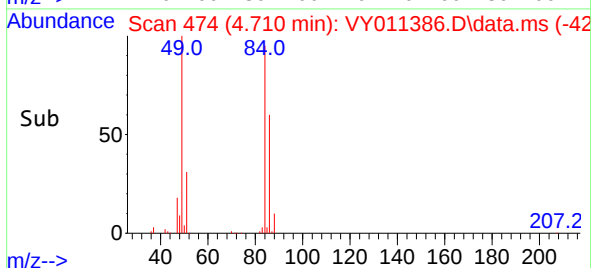
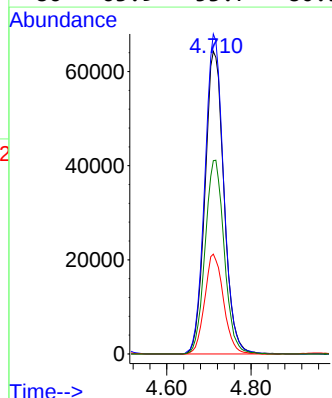
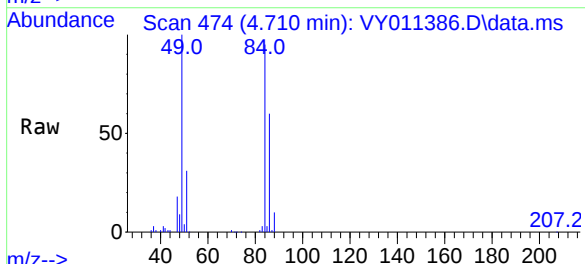
Ion Ratio Lower Upper

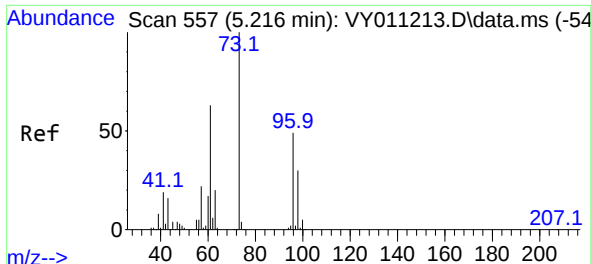
84 100

49 105.7 114.4 171.6#

51 33.0 35.3 52.9#

86 63.9 53.7 80.5

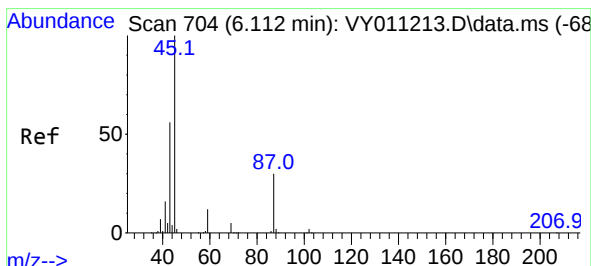
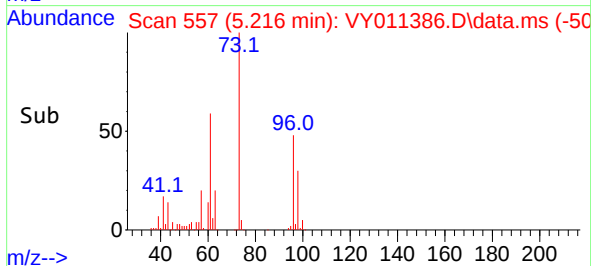
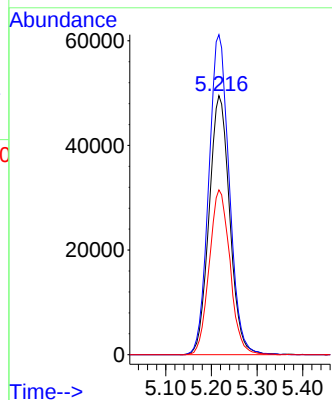
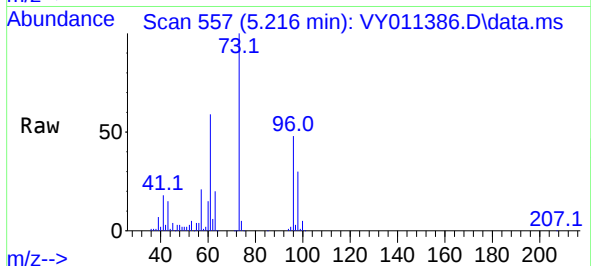




#21  
trans-1,2-Dichloroethene  
Concen: 48.837 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

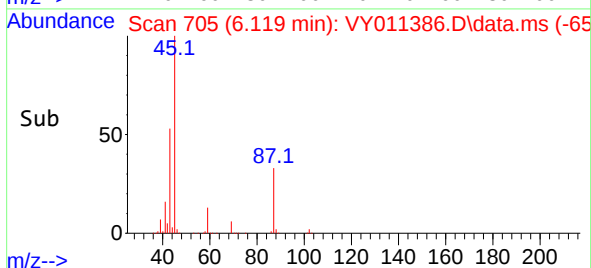
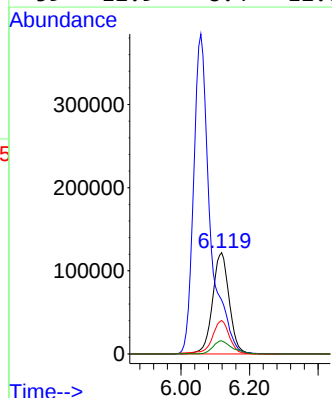
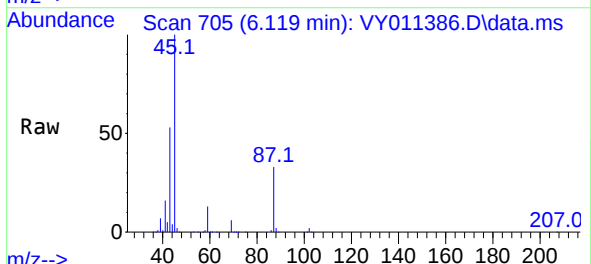
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

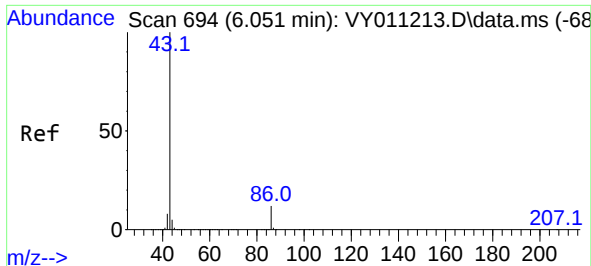
Tgt Ion: 96 Resp: 155327  
Ion Ratio Lower Upper  
96 100  
61 123.5 120.5 180.7  
98 63.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 51.160 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.007 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 45 Resp: 411033  
Ion Ratio Lower Upper  
45 100  
43 53.0 49.3 73.9  
87 32.9 19.2 28.8#  
59 12.9 8.4 12.6#

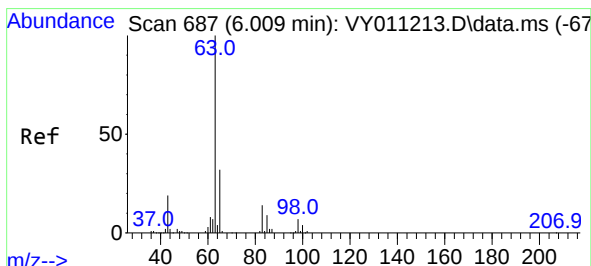
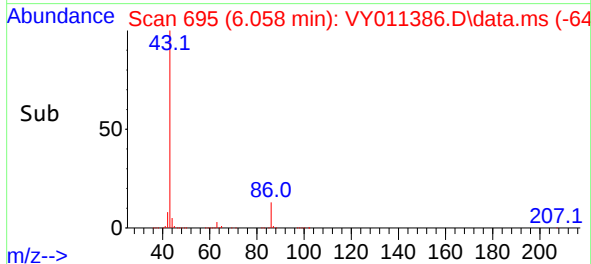
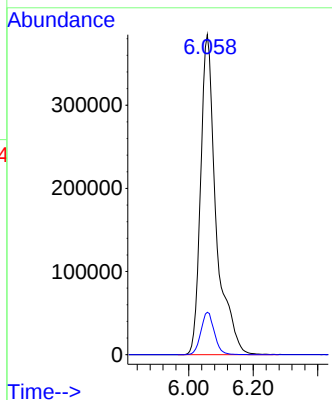
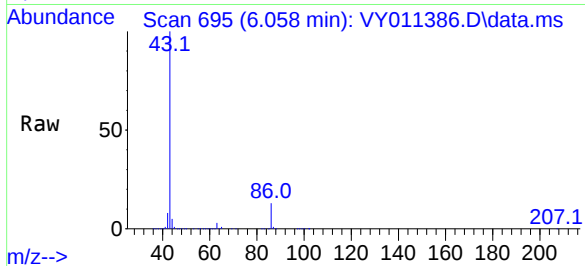




#23  
 Vinyl Acetate  
 Concen: 273.719 ug/l  
 RT: 6.058 min Scan# 694  
 Delta R.T. -0.000 min  
 Lab File: VY011386.D  
 Acq: 10 Nov 2022 13:00

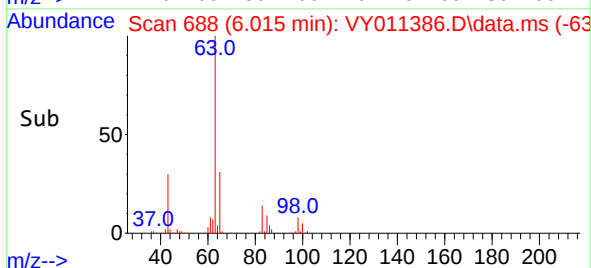
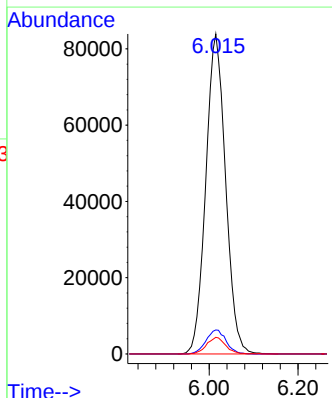
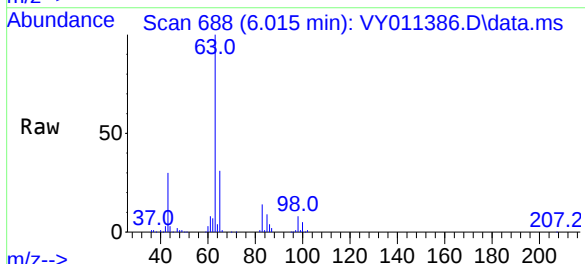
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY111022

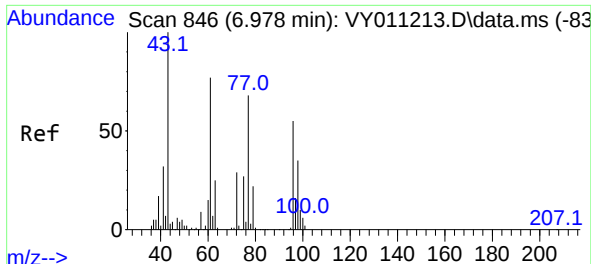
Tgt Ion: 43 Resp: 1286533  
 Ion Ratio Lower Upper  
 43 100  
 86 13.3 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.546 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY011386.D  
 Acq: 10 Nov 2022 13:00

Tgt Ion: 63 Resp: 259215  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.6 10.8  
 100 5.2 2.0 5.8

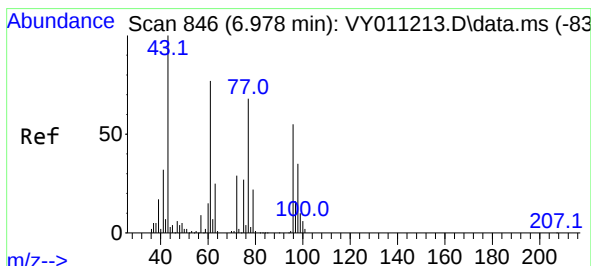
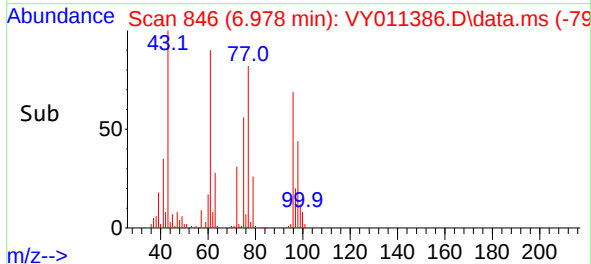
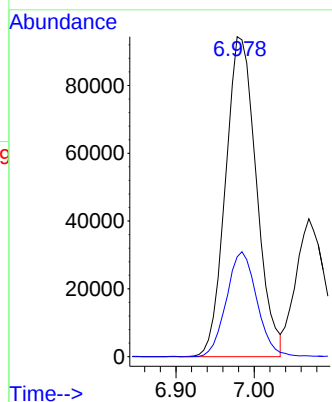
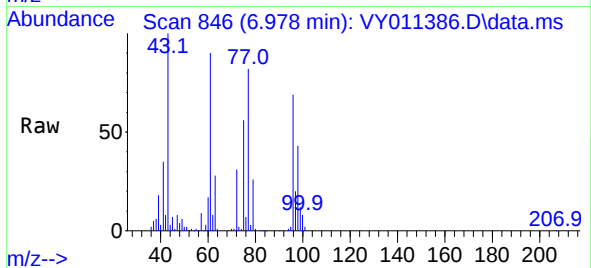




#25  
2-Butanone  
Concen: 263.488 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

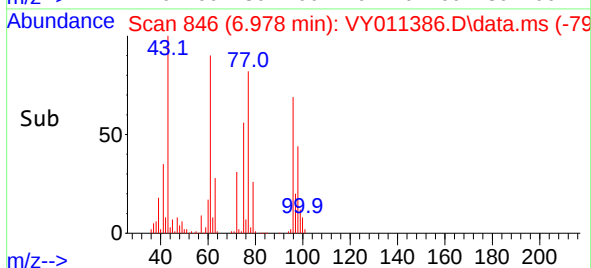
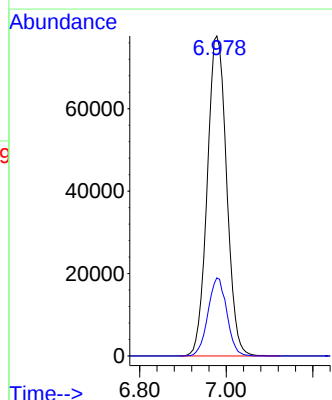
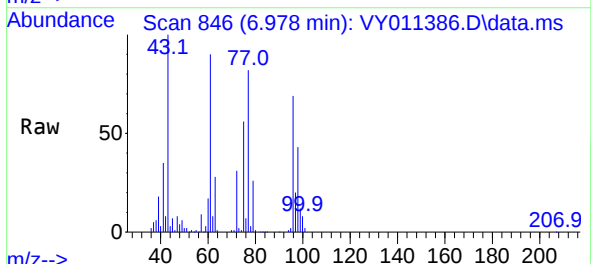
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

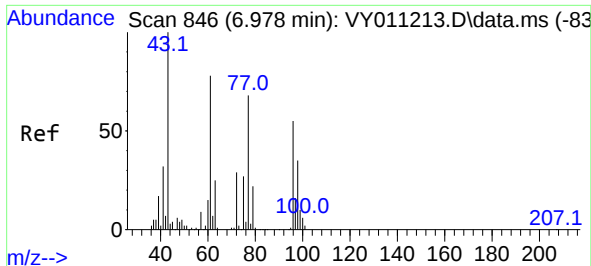
Tgt Ion: 43 Resp: 258010  
Ion Ratio Lower Upper  
43 100  
72 31.2 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 49.229 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 77 Resp: 240869  
Ion Ratio Lower Upper  
77 100  
97 23.7 10.4 31.4

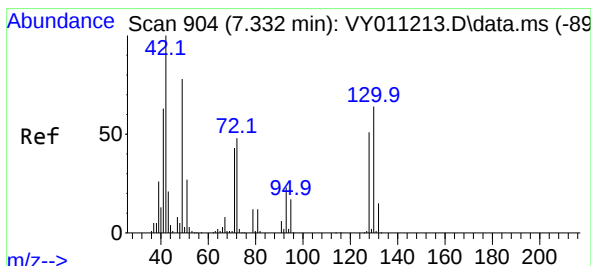
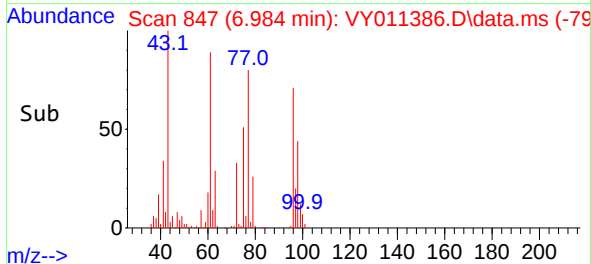
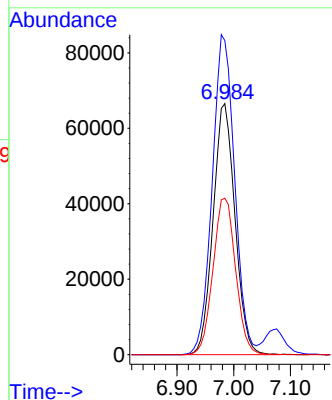
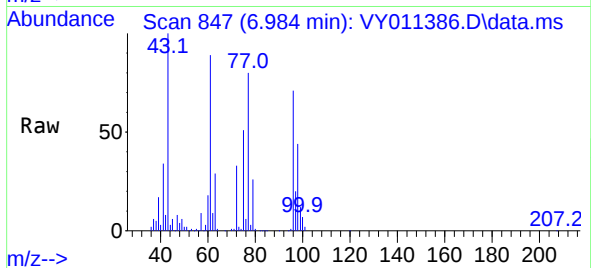




#27  
cis-1,2-Dichloroethene  
Concen: 49.919 ug/l  
RT: 6.984 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

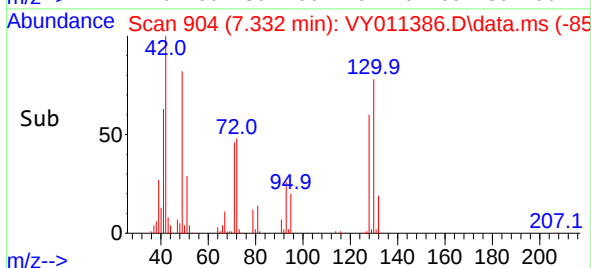
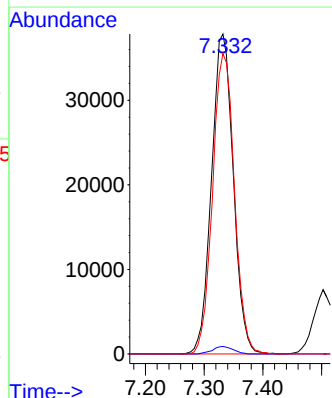
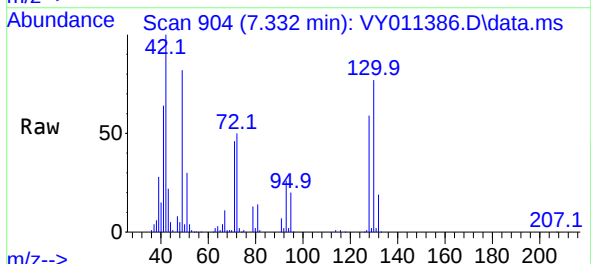
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

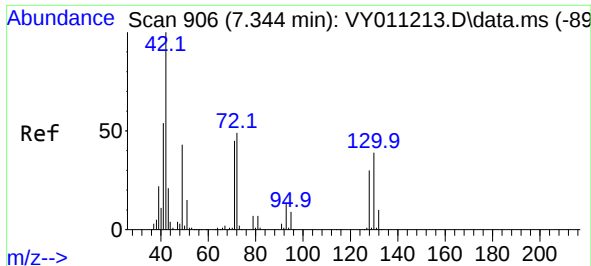
Tgt Ion: 96 Resp: 178683  
Ion Ratio Lower Upper  
96 100  
61 130.4 0.0 319.8  
98 64.4 0.0 127.0



#28  
Bromochloromethane  
Concen: 51.188 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 49 Resp: 97258  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 2.2#  
130 94.2 55.4 83.0#

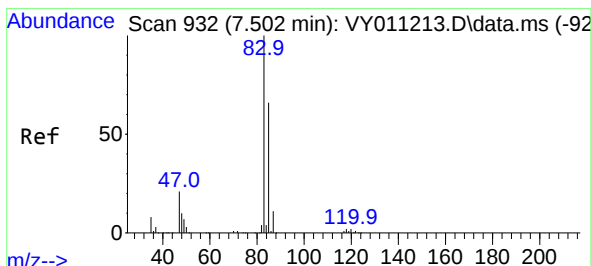
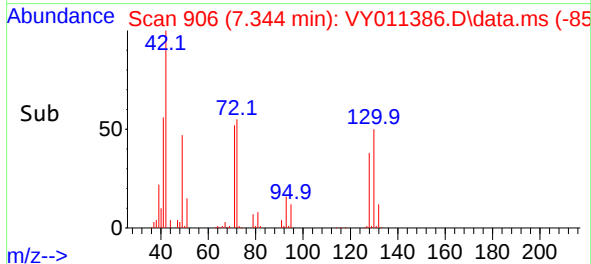
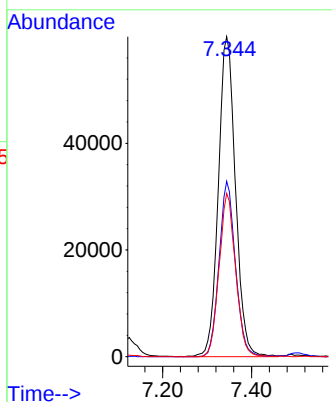
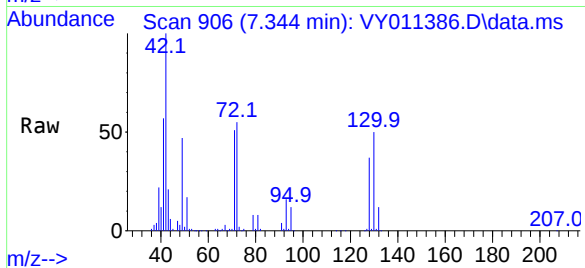




#29  
Tetrahydrofuran  
Concen: 270.049 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

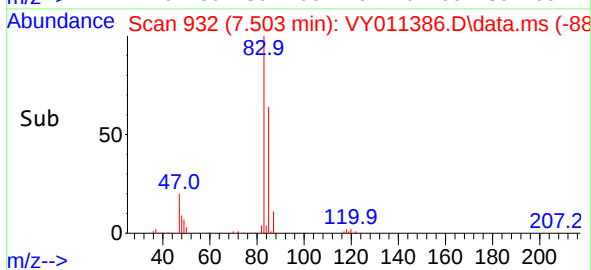
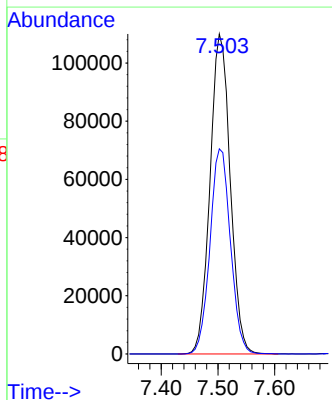
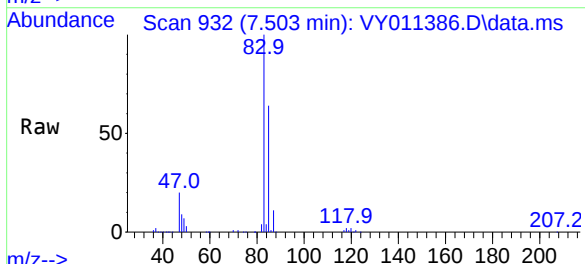
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

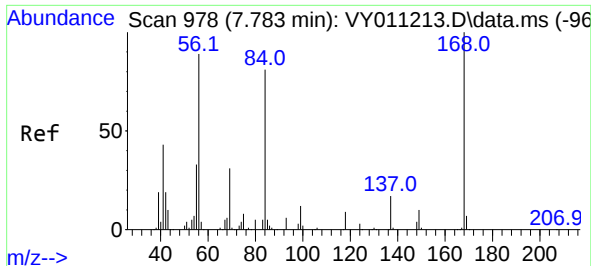
Tgt Ion: 42 Resp: 160181  
Ion Ratio Lower Upper  
42 100  
72 52.4 30.3 45.5#  
71 48.9 29.0 43.4#



#30  
Chloroform  
Concen: 49.185 ug/l  
RT: 7.503 min Scan# 932  
Delta R.T. 0.001 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 83 Resp: 272157  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.8 77.6

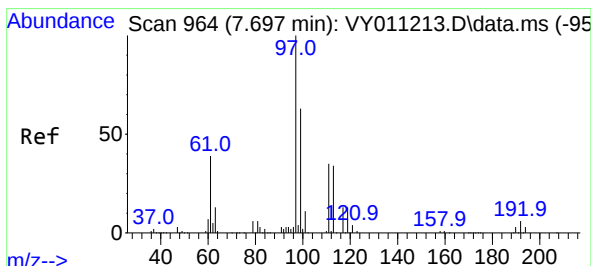
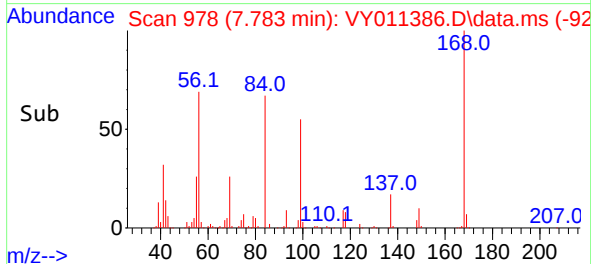
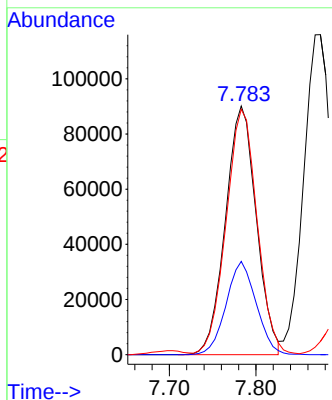
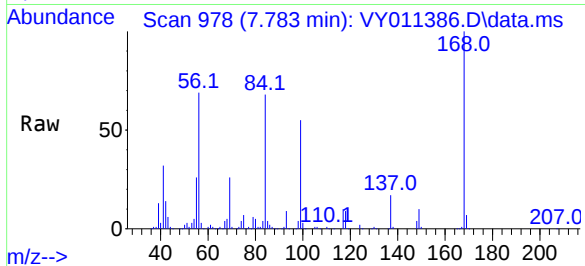




#31  
Cyclohexane  
Concen: 47.655 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

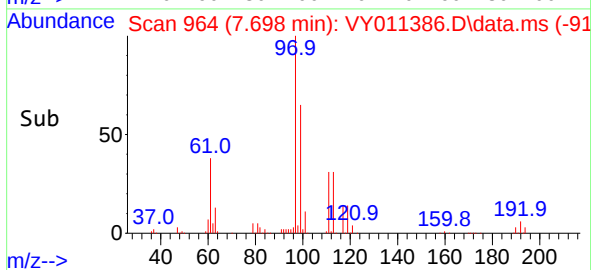
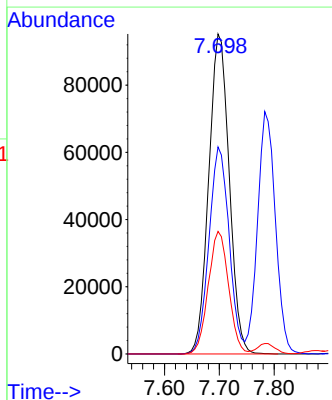
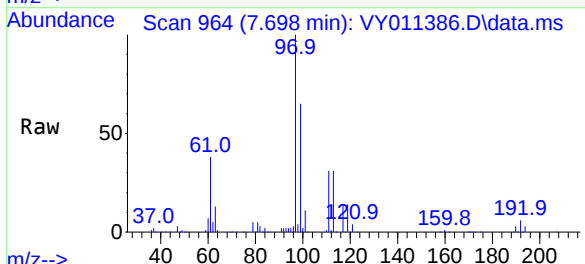
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

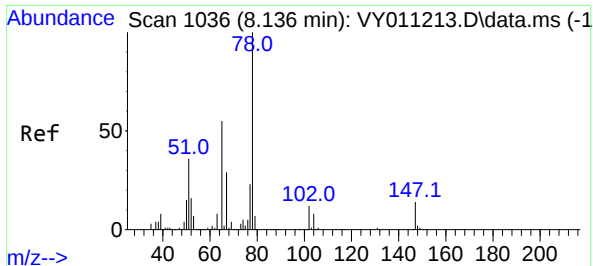
Tgt Ion: 56 Resp: 223081  
Ion Ratio Lower Upper  
56 100  
69 37.5 26.7 40.1  
84 97.3 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 49.251 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 97 Resp: 246482  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.7 76.1  
61 38.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.237 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

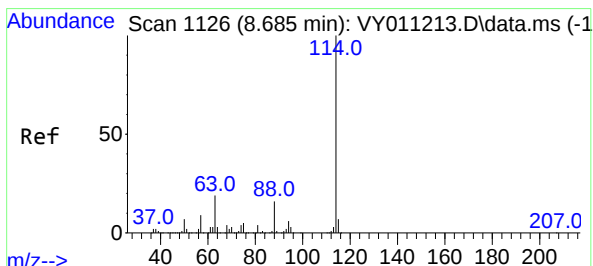
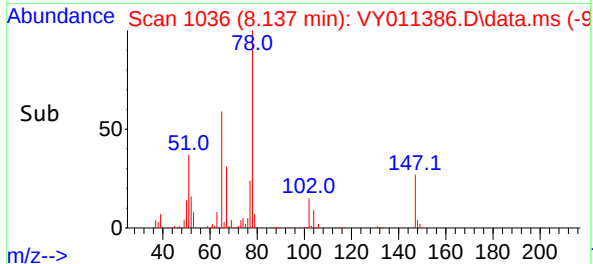
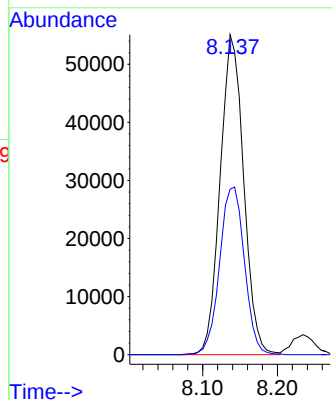
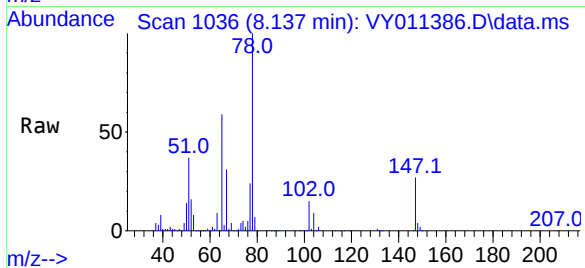
ICVVY111022

Tgt Ion: 65 Resp: 120452

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

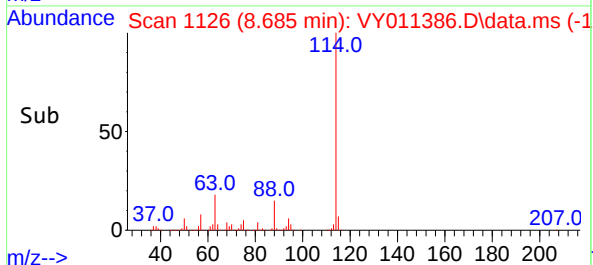
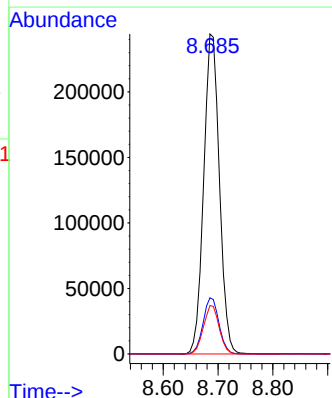
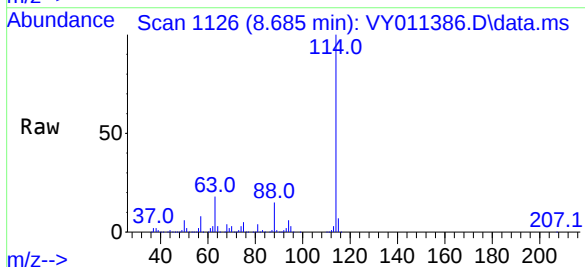
Tgt Ion: 114 Resp: 484675

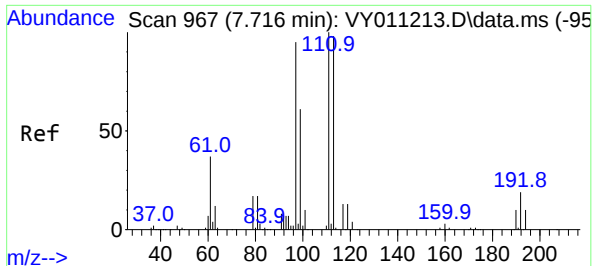
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.1 0.0 31.8

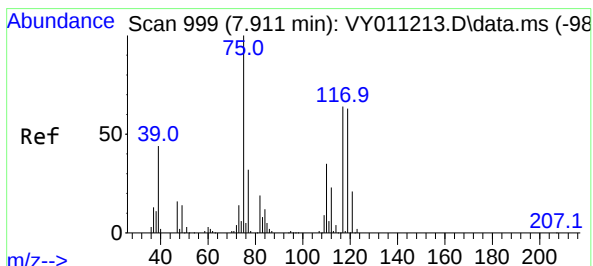
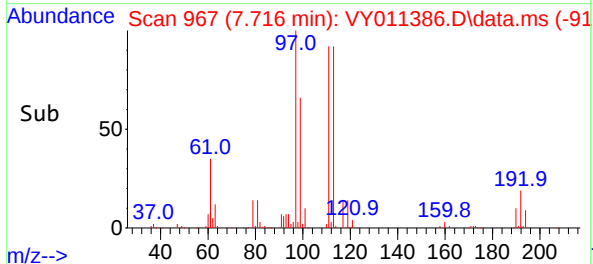
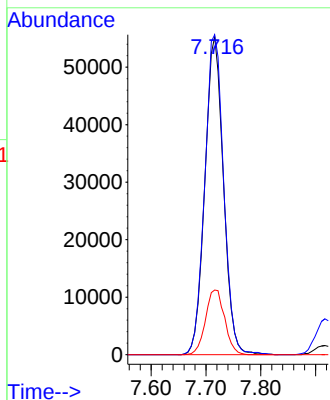
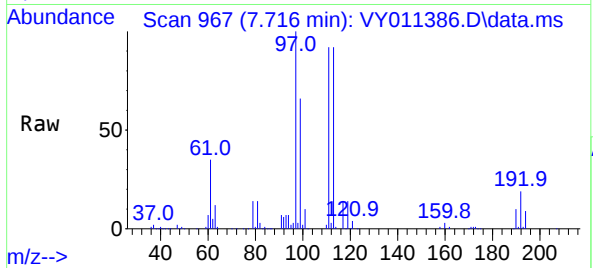




#35  
Dibromofluoromethane  
Concen: 47.740 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

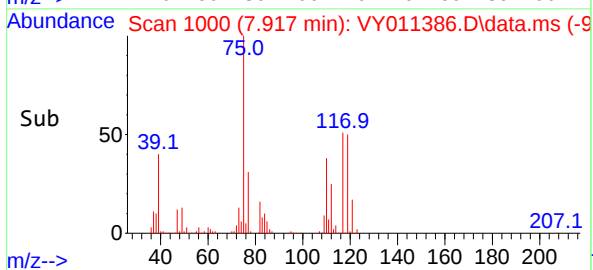
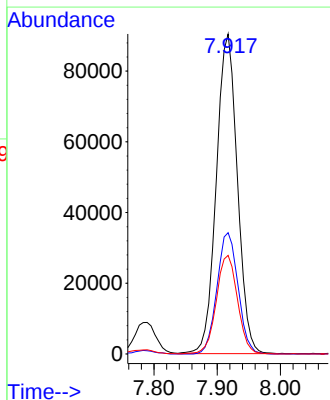
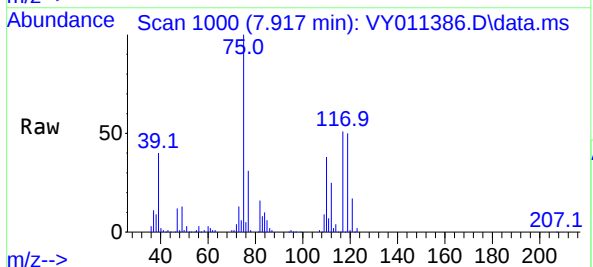
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

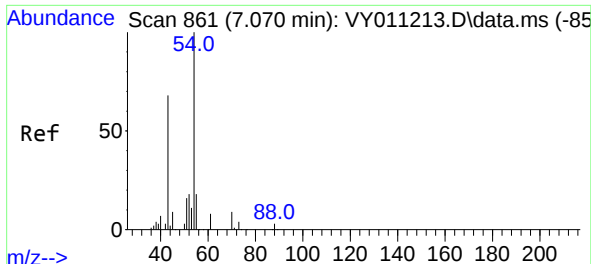
Tgt Ion:113 Resp: 129672  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.6 124.0  
192 20.9 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 49.490 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 75 Resp: 208639  
Ion Ratio Lower Upper  
75 100  
110 37.9 17.1 51.2  
77 31.1 24.4 36.6

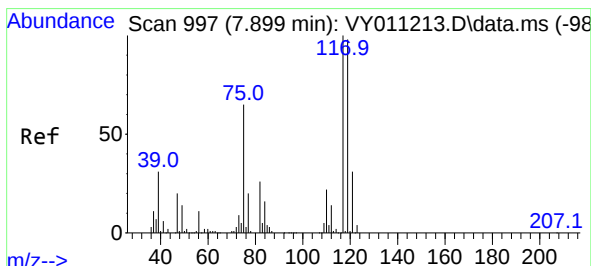
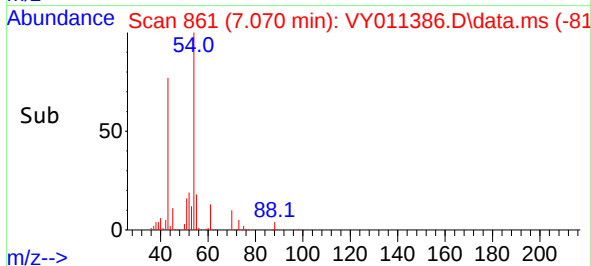
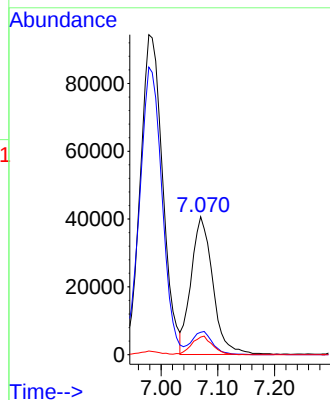
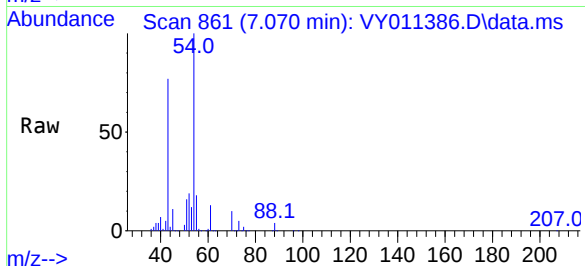




#37  
Ethyl Acetate  
Concen: 53.347 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

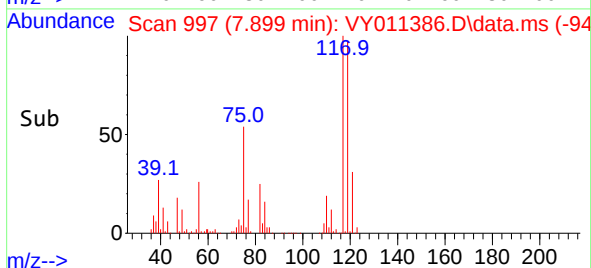
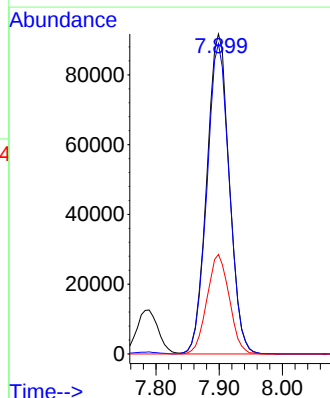
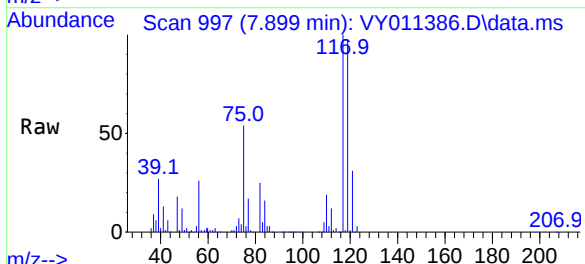
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

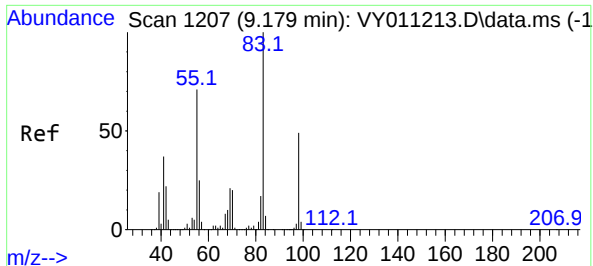
Tgt Ion: 43 Resp: 108033  
Ion Ratio Lower Upper  
43 100  
61 16.2 9.7 14.5#  
70 12.8 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 49.454 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 117 Resp: 226782  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.9 116.9  
121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 50.291 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY111022

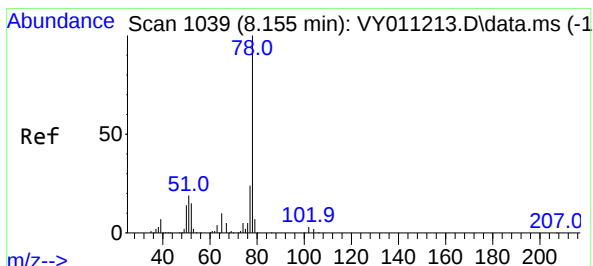
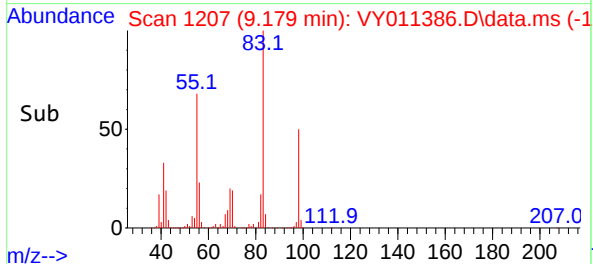
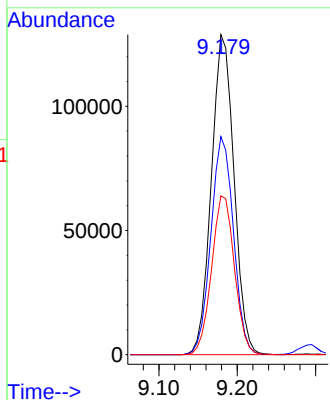
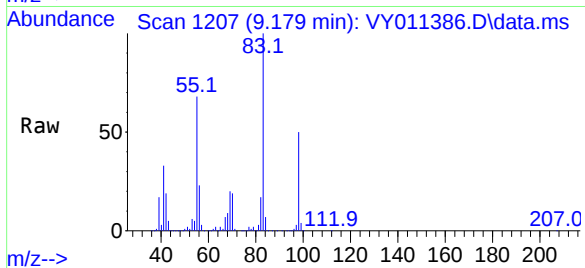
Tgt Ion: 83 Resp: 259060

Ion Ratio Lower Upper

83 100

55 68.1 66.5 99.7

98 49.7 37.9 56.9



#40

Benzene

Concen: 49.300 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY011386.D

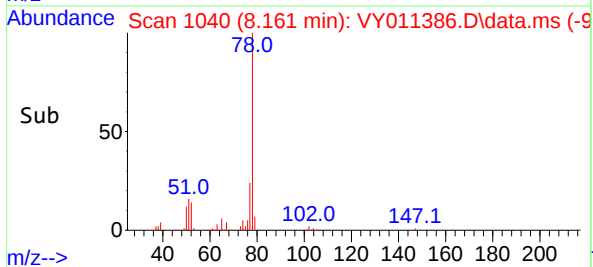
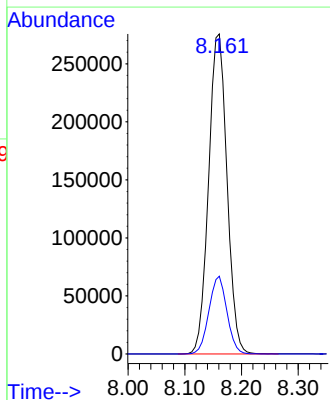
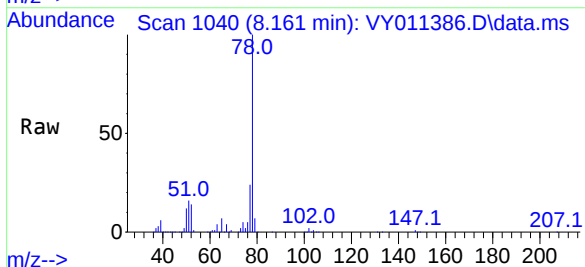
Acq: 10 Nov 2022 13:00

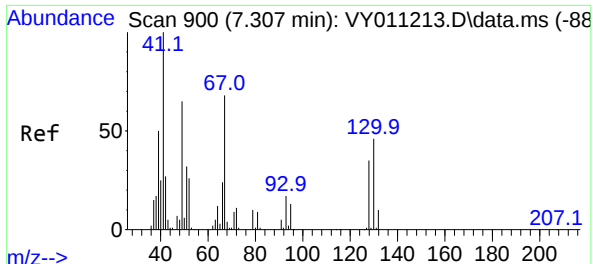
Tgt Ion: 78 Resp: 620644

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

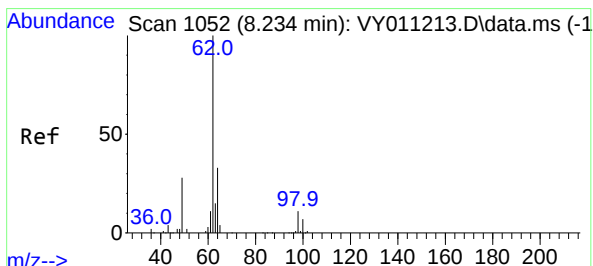
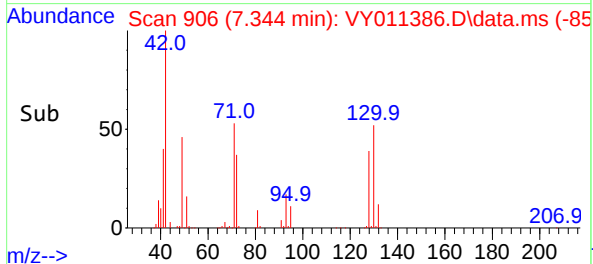
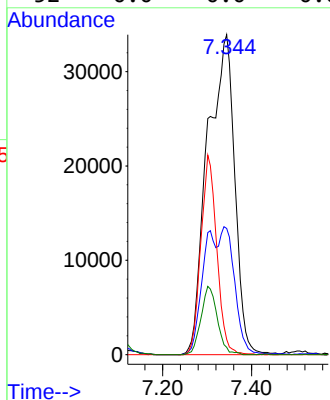
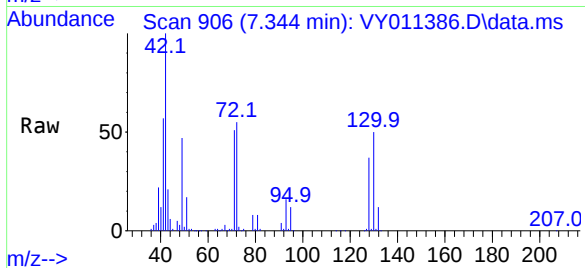




#41  
Methacrylonitrile  
Concen: 137.157 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.037 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

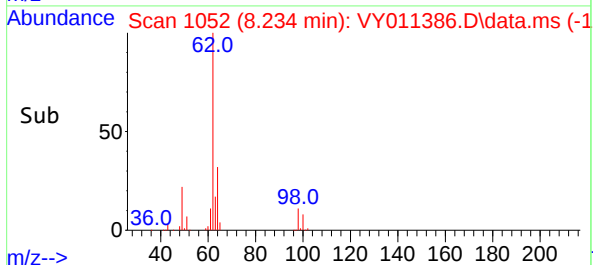
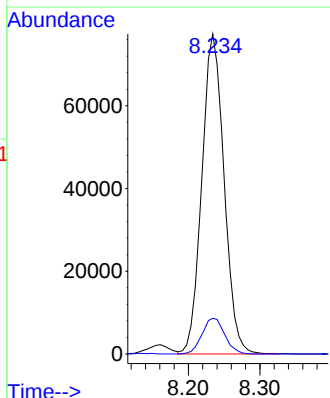
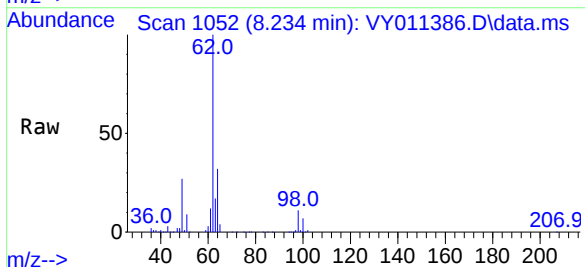
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

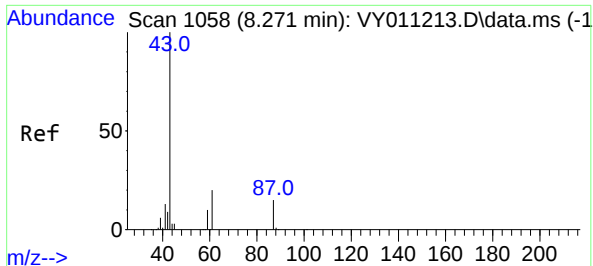
Tgt Ion: 41 Resp: 143829  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 50.653 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 62 Resp: 167114  
Ion Ratio Lower Upper  
62 100  
98 11.3 0.0 14.8





#43

Isopropyl Acetate

Concen: 53.366 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY111022

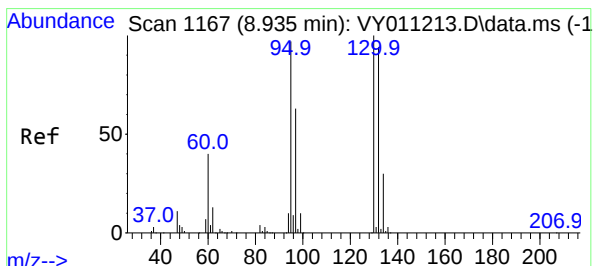
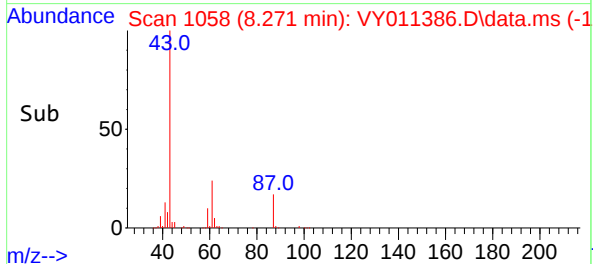
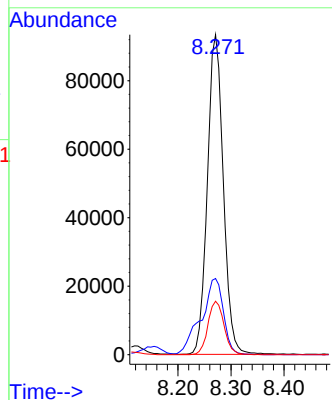
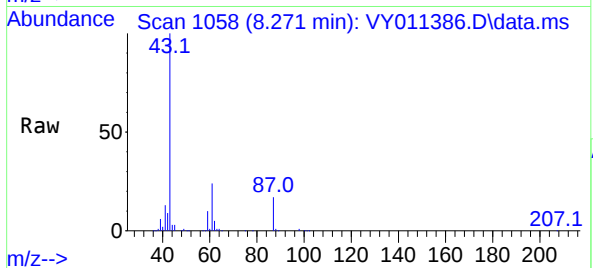
Tgt Ion: 43 Resp: 194961

Ion Ratio Lower Upper

43 100

61 33.5 20.2 30.2#

87 16.9 8.9 13.3#



#44

Trichloroethene

Concen: 49.494 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY011386.D

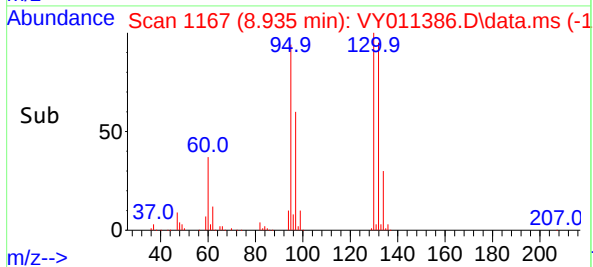
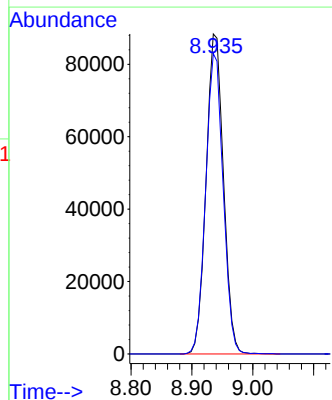
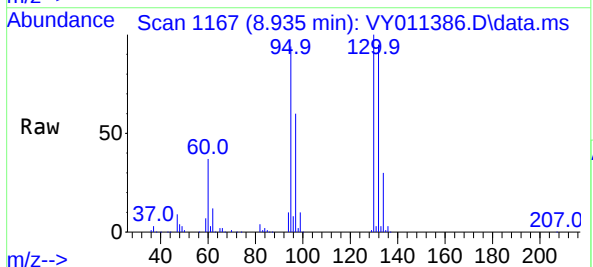
Acq: 10 Nov 2022 13:00

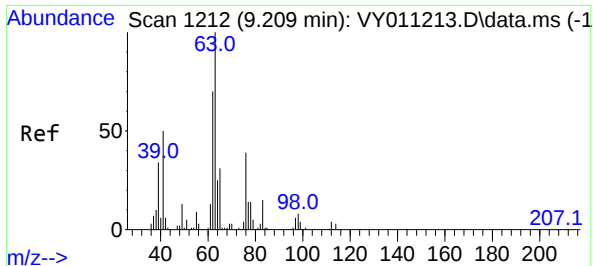
Tgt Ion:130 Resp: 175032

Ion Ratio Lower Upper

130 100

95 93.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.827 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

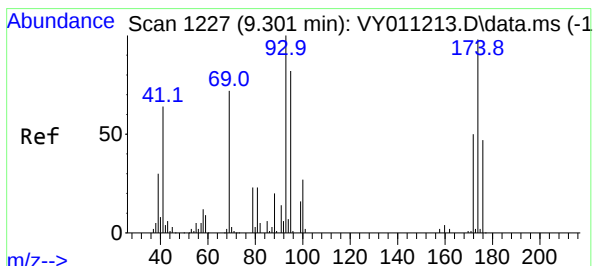
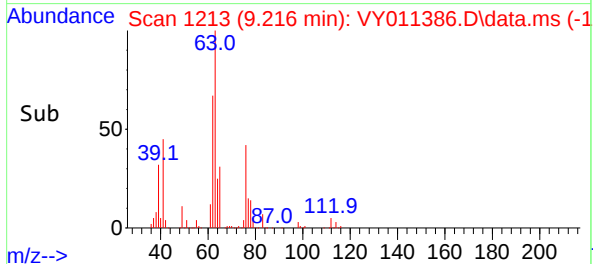
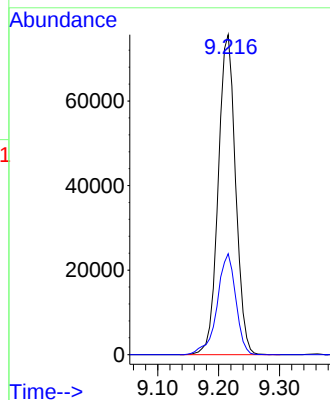
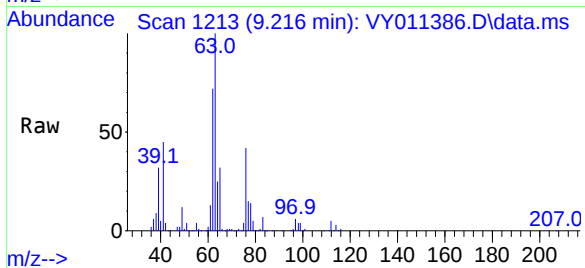
ICVVY111022

Tgt Ion: 63 Resp: 149292

Ion Ratio Lower Upper

63 100

65 31.6 23.0 34.6



#46

Dibromomethane

Concen: 51.448 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

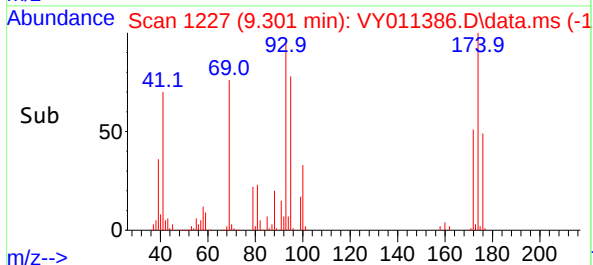
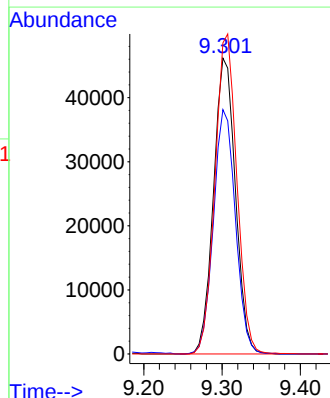
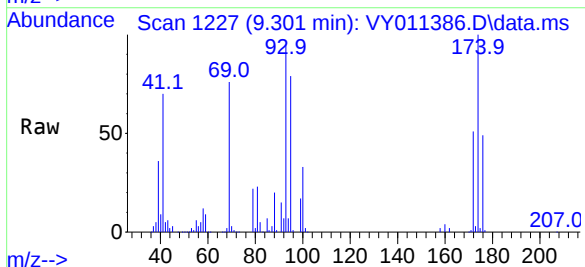
Tgt Ion: 93 Resp: 89750

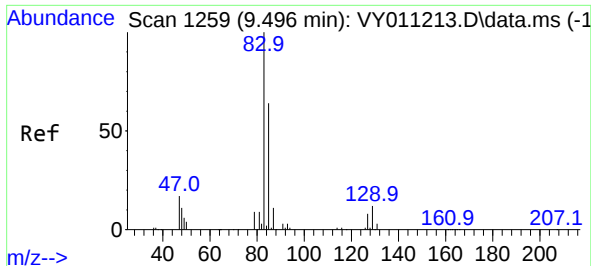
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 107.9 83.4 125.0

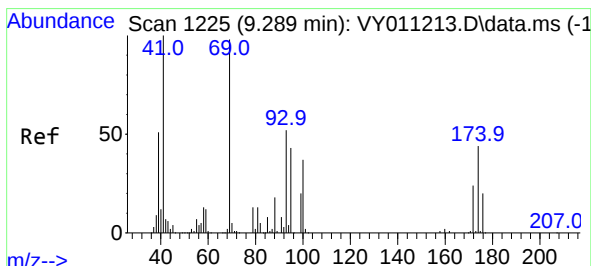
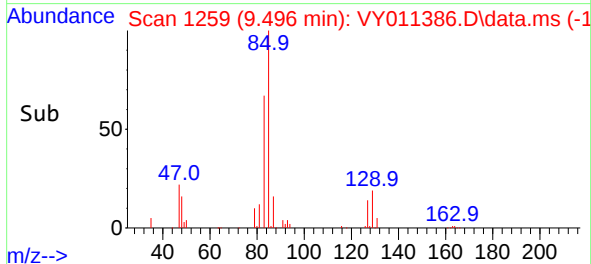
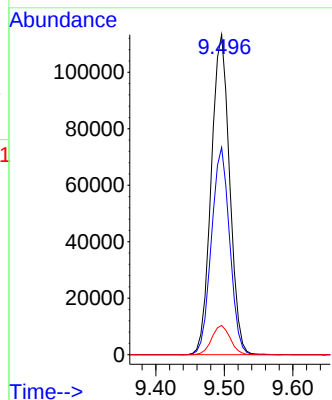
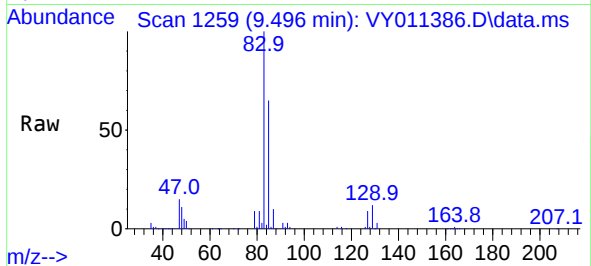




#47  
Bromodichloromethane  
Concen: 50.558 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

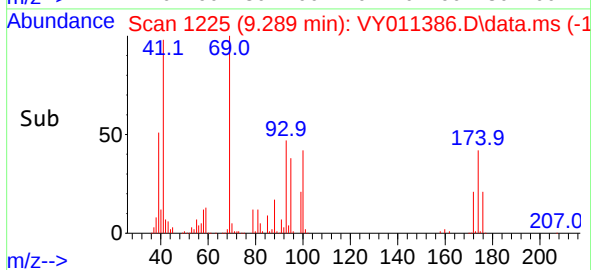
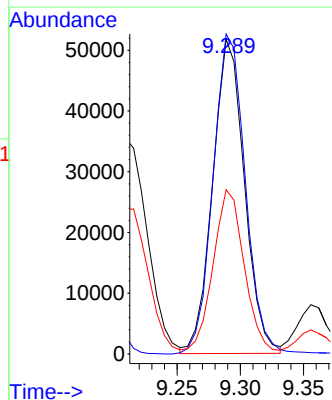
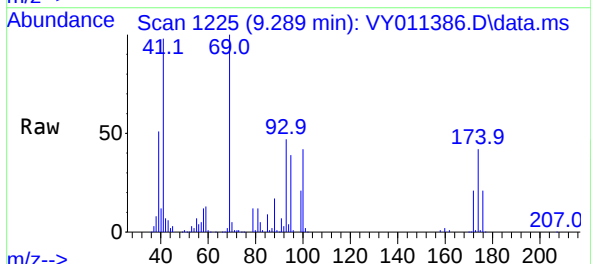
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

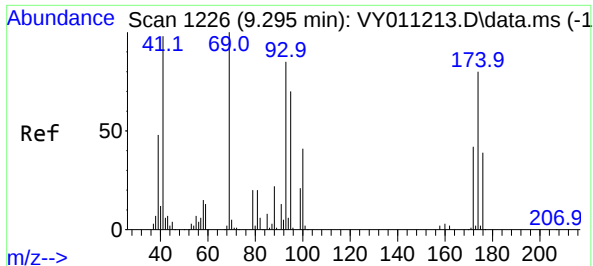
Tgt Ion: 83 Resp: 211314  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.9 77.9  
127 9.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 55.061 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 41 Resp: 90397  
Ion Ratio Lower Upper  
41 100  
69 103.6 58.2 87.2#  
39 49.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1091.503 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY111022

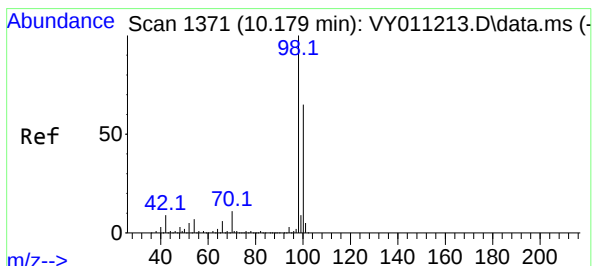
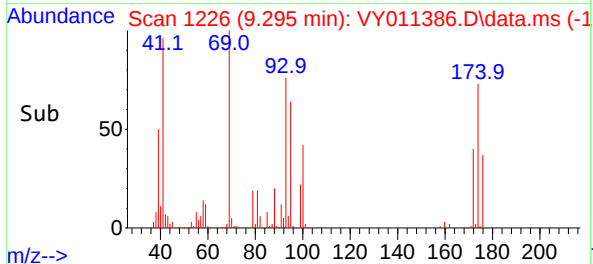
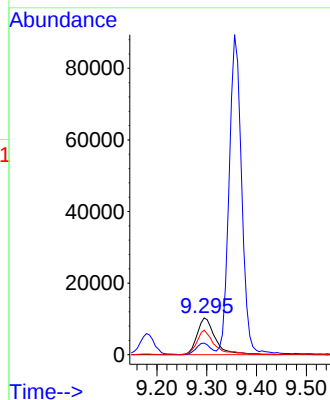
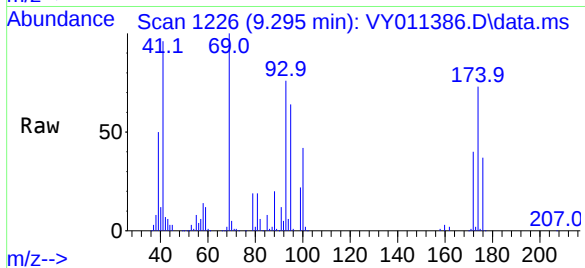
Tgt Ion: 88 Resp: 25995

Ion Ratio Lower Upper

88 100

43 26.0 32.8 49.2#

58 59.6 59.8 89.6#



#50

Toluene-d8

Concen: 45.730 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011386.D

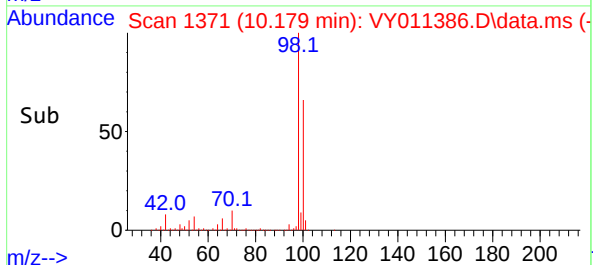
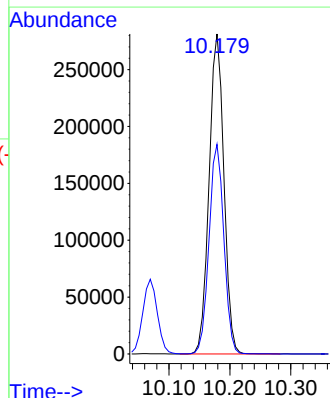
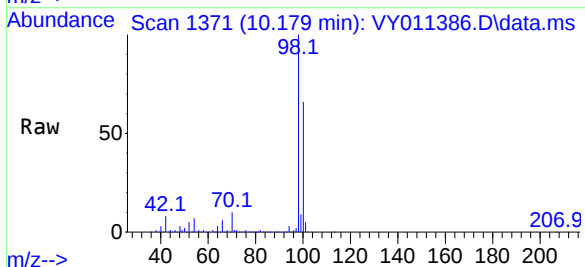
Acq: 10 Nov 2022 13:00

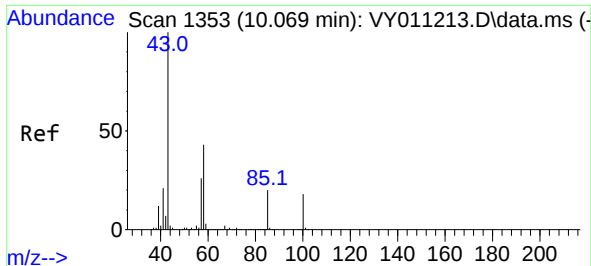
Tgt Ion: 98 Resp: 474532

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

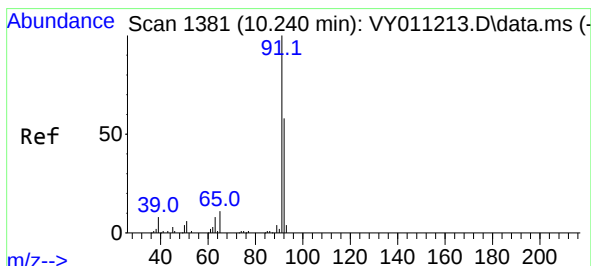
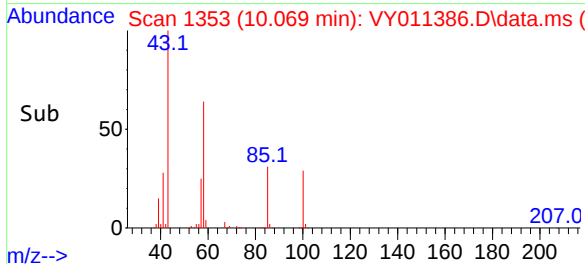
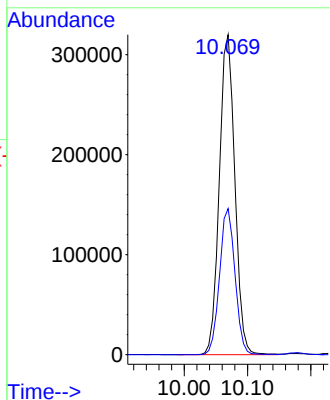
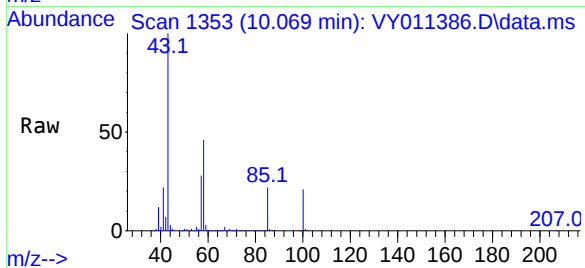




#51  
4-Methyl-2-Pentanone  
Concen: 276.041 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

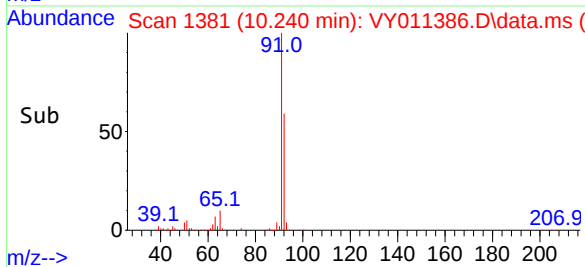
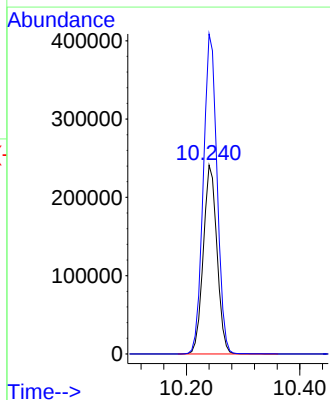
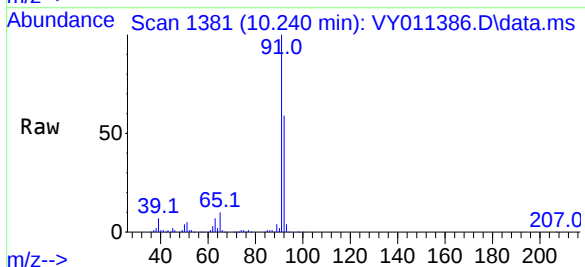
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

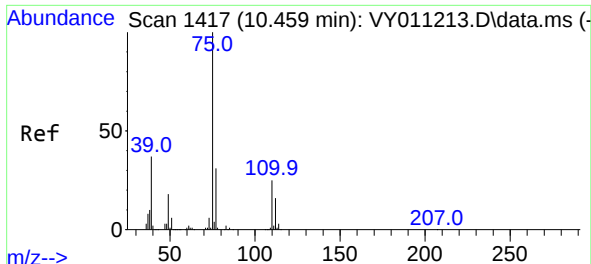
Tgt Ion: 43 Resp: 542300  
Ion Ratio Lower Upper  
43 100  
58 45.4 28.1 42.1#



#52  
Toluene  
Concen: 50.168 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 92 Resp: 403312  
Ion Ratio Lower Upper  
92 100  
91 170.5 142.6 213.8

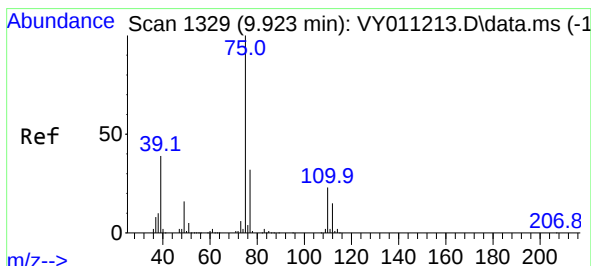
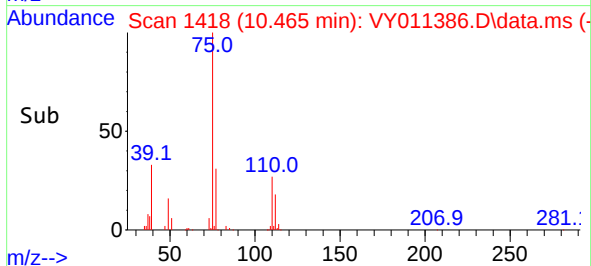
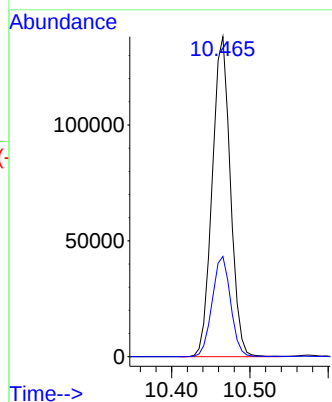
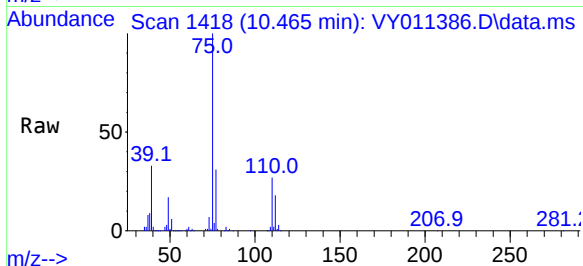




#53  
t-1,3-Dichloropropene  
Concen: 51.535 ug/l  
RT: 10.465 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

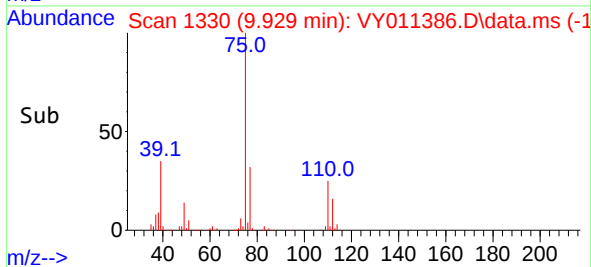
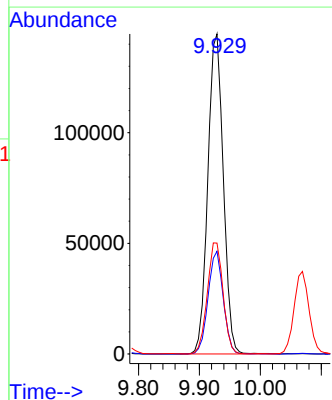
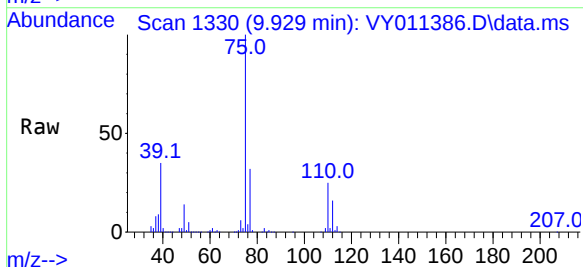
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

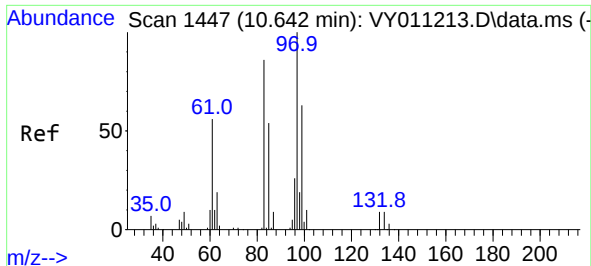
Tgt Ion: 75 Resp: 222098  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 51.305 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 75 Resp: 255190  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.6 38.4  
39 34.6 47.6 71.4#



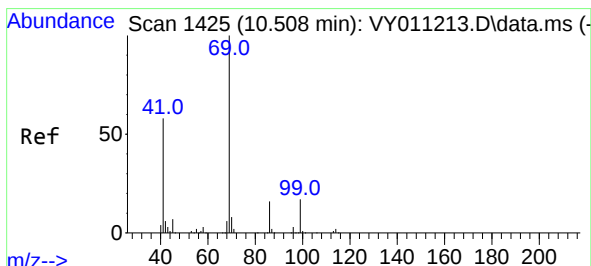
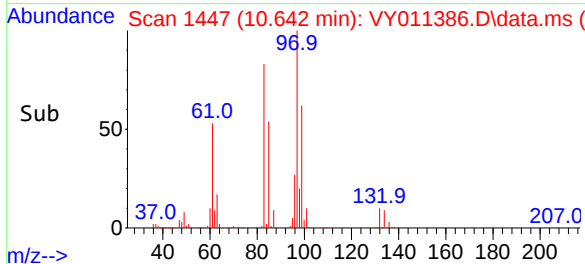
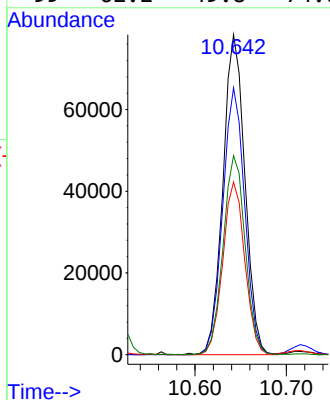
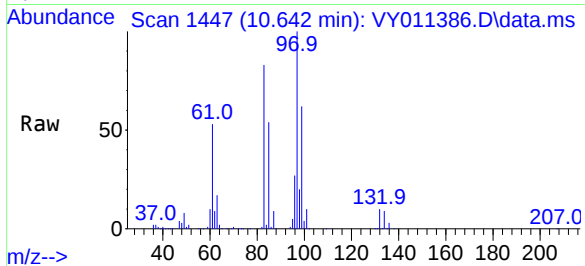


#55  
1,1,2-Trichloroethane  
Concen: 51.878 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

Tgt Ion: 97 Resp: 131055

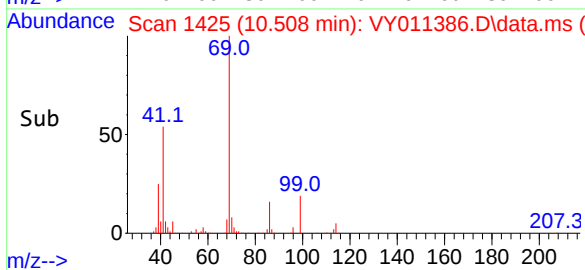
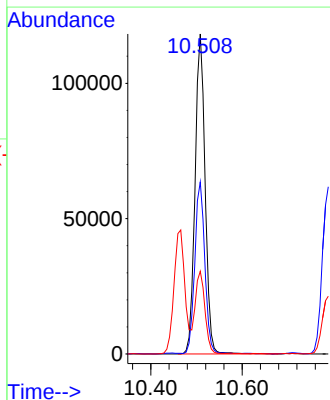
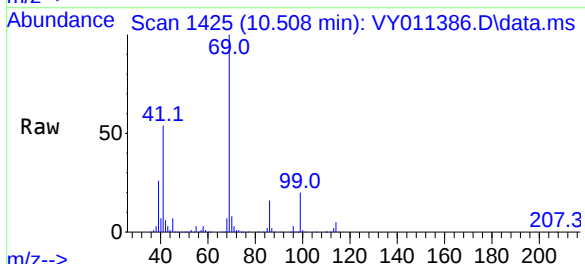
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.3  | 69.8  | 104.8 |
| 85  | 53.9  | 44.3  | 66.5  |
| 99  | 62.2  | 49.8  | 74.6  |

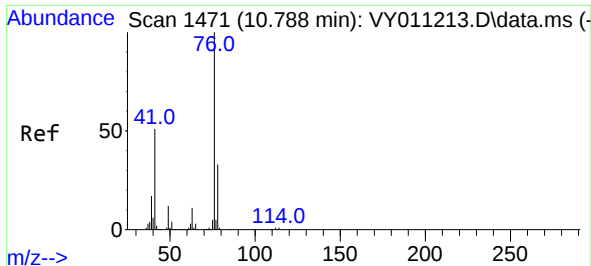


#56  
Ethyl methacrylate  
Concen: 55.589 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 69 Resp: 180582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 53.4  | 63.4  | 95.0# |
| 39  | 24.2  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 52.010 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

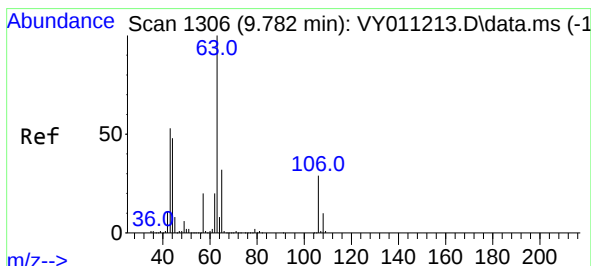
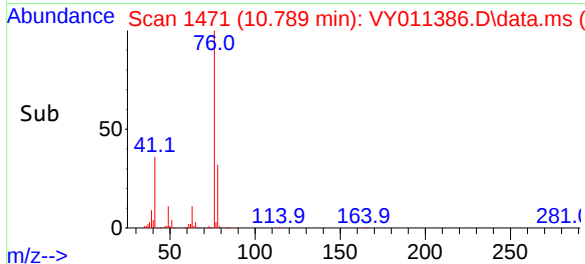
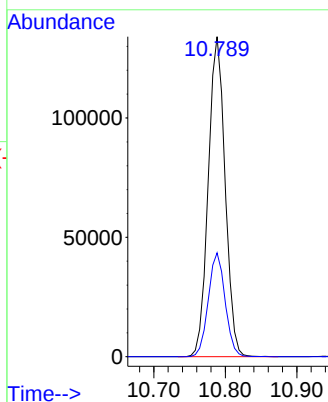
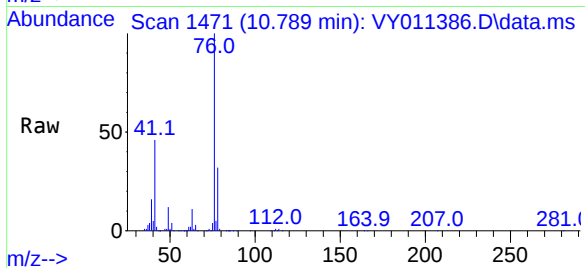
ICVY111022

Tgt Ion: 76 Resp: 219181

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 268.196 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011386.D

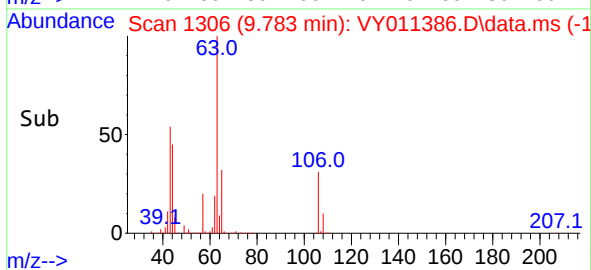
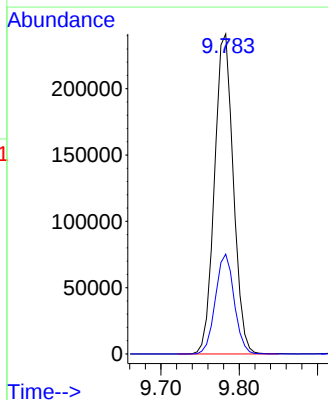
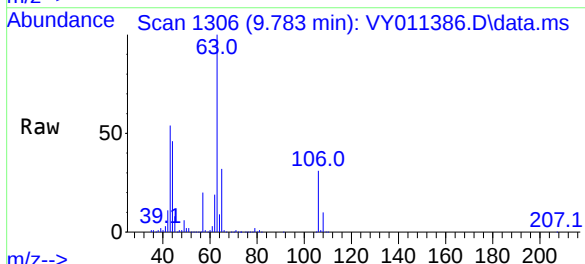
Acq: 10 Nov 2022 13:00

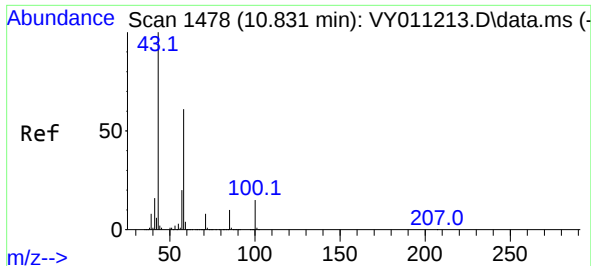
Tgt Ion: 63 Resp: 402735

Ion Ratio Lower Upper

63 100

106 31.1 21.5 32.3

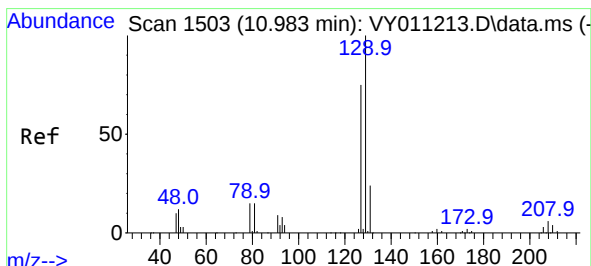
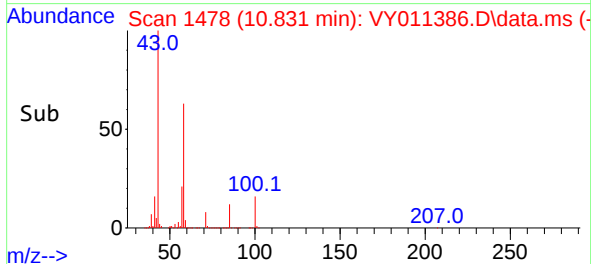
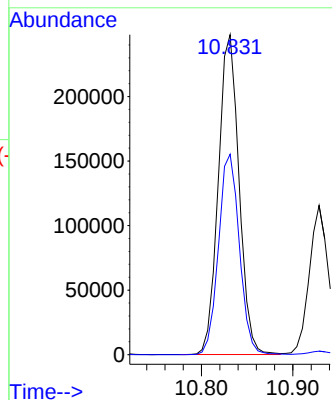
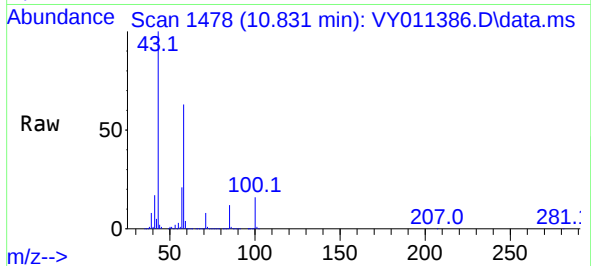




#59  
2-Hexanone  
Concen: 280.711 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

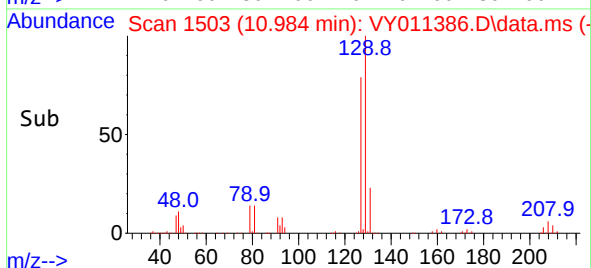
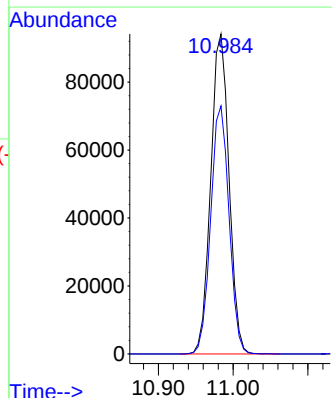
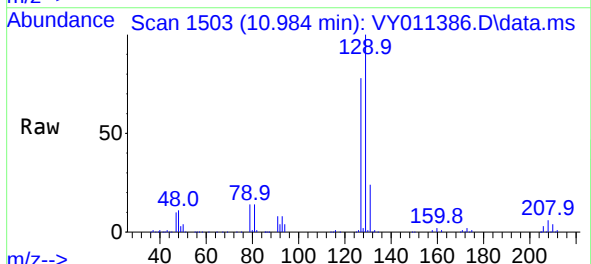
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

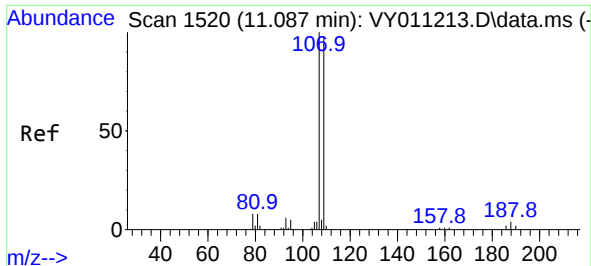
Tgt Ion: 43 Resp: 390675  
Ion Ratio Lower Upper  
43 100  
58 63.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 51.295 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:129 Resp: 159953  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.7 116.1

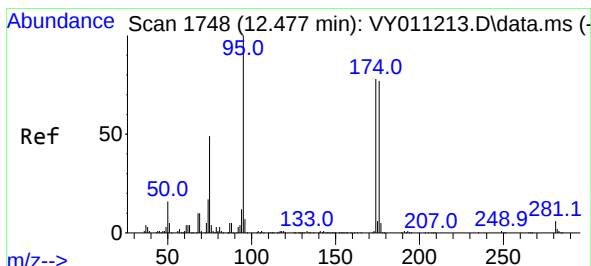
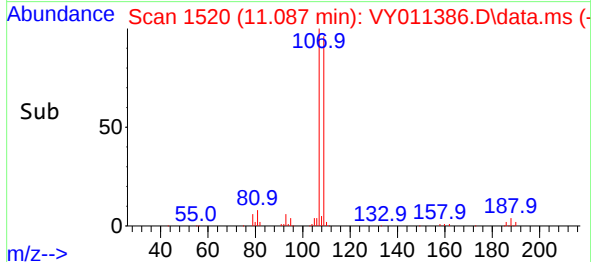
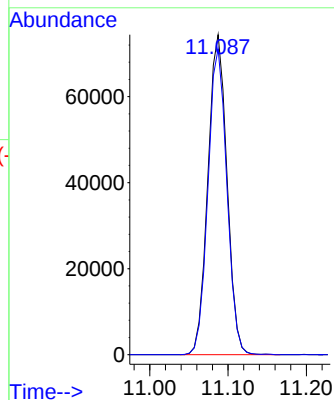
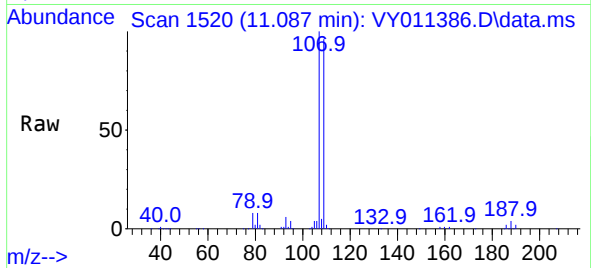




#61  
1,2-Dibromoethane  
Concen: 51.691 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

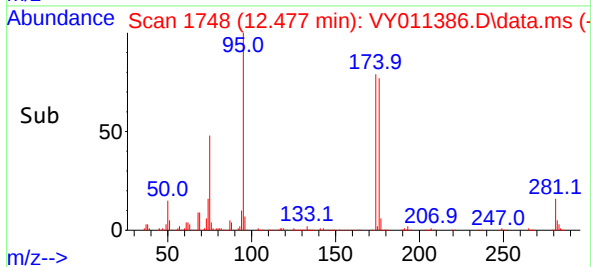
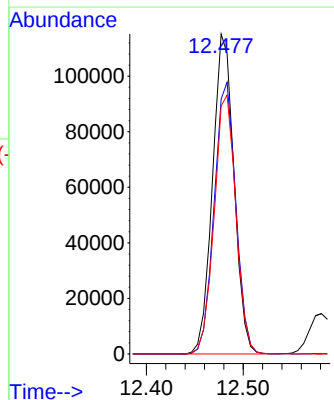
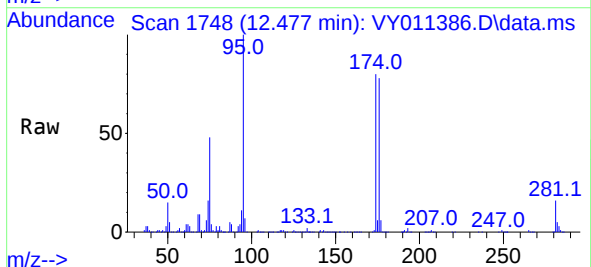
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

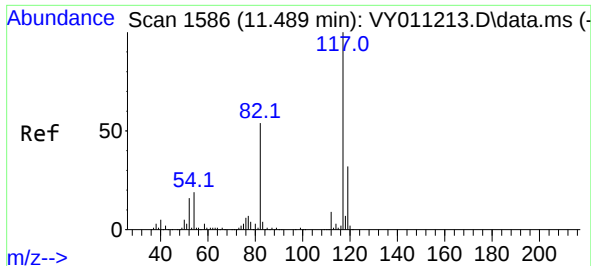
Tgt Ion:107 Resp: 125554  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 48.928 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 95 Resp: 177089  
Ion Ratio Lower Upper  
95 100  
174 85.8 0.0 177.0  
176 81.9 0.0 175.8

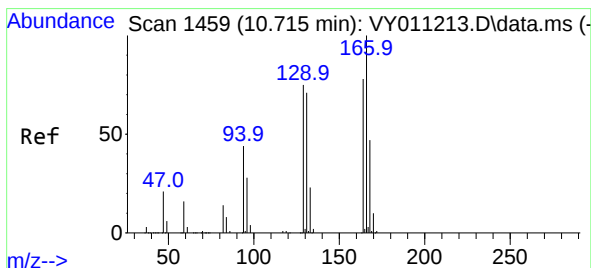
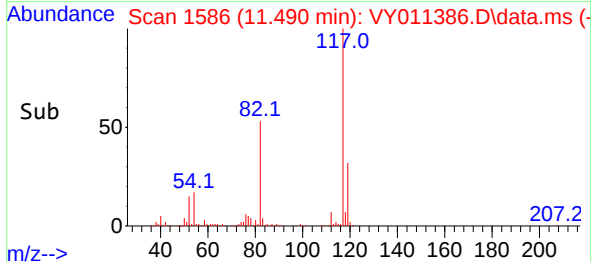
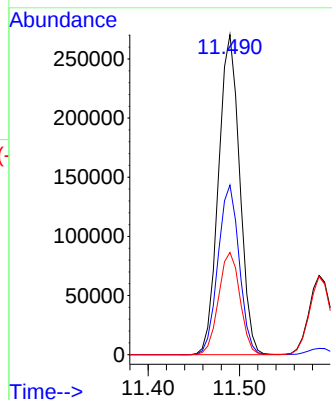
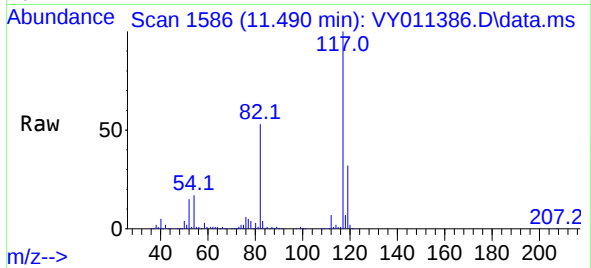




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

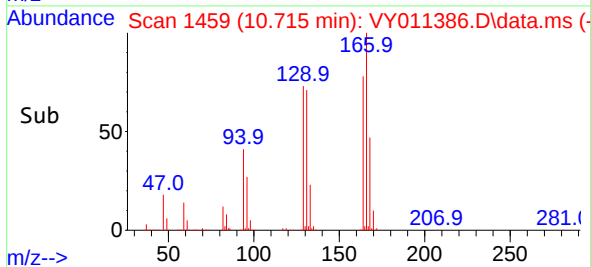
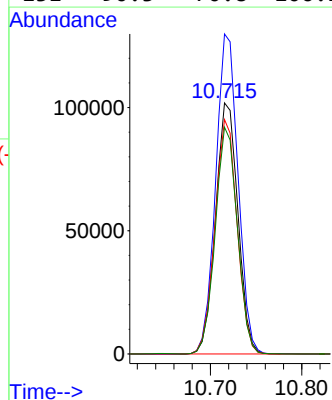
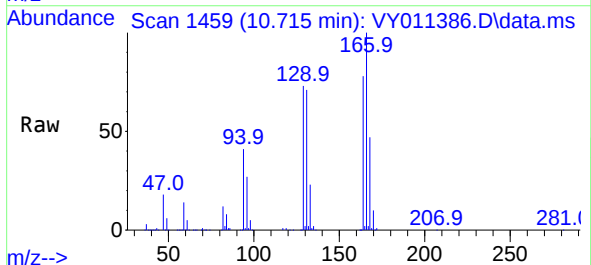
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

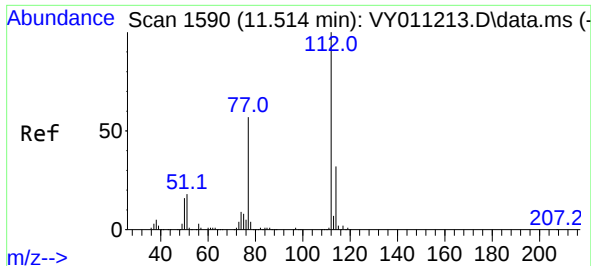
Tgt Ion:117 Resp: 436934  
Ion Ratio Lower Upper  
117 100  
82 53.0 43.0 64.4  
119 31.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.729 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:164 Resp: 173683  
Ion Ratio Lower Upper  
164 100  
166 127.5 100.4 150.6  
129 93.4 71.4 107.0  
131 90.3 70.8 106.2

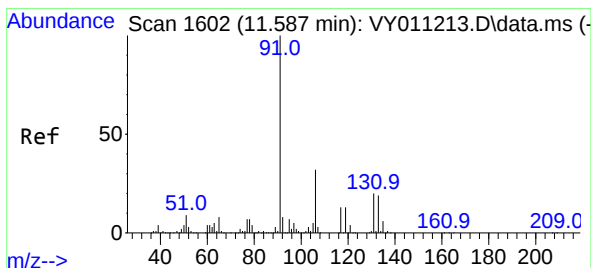
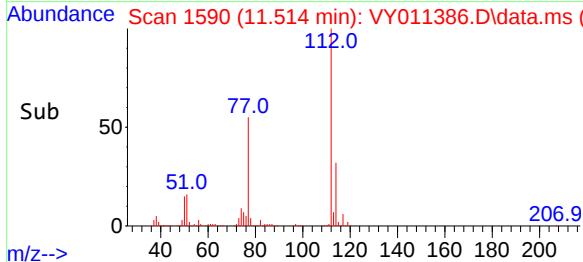
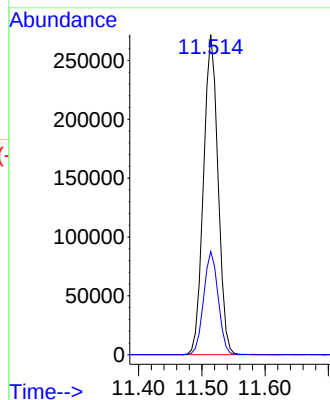
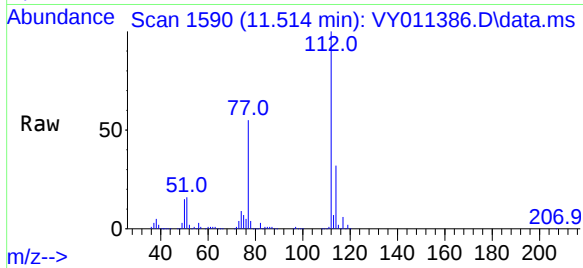




#65  
Chlorobenzene  
Concen: 49.781 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

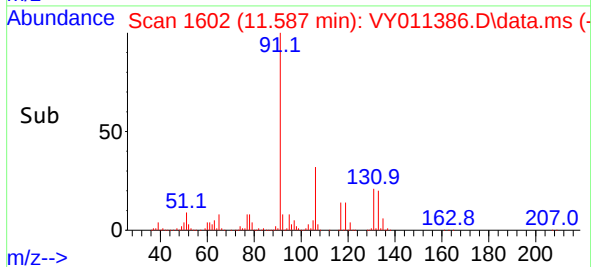
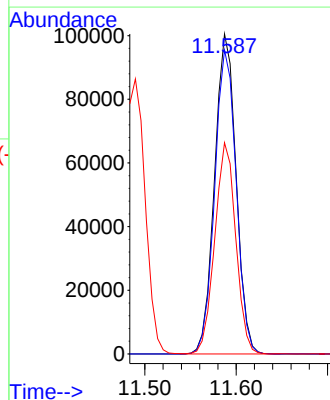
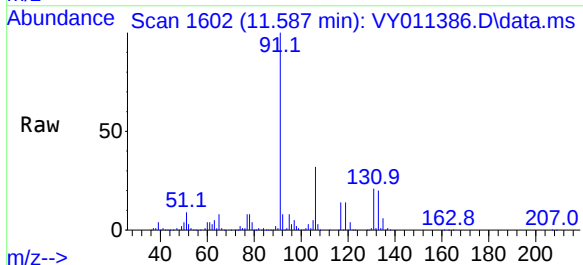
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

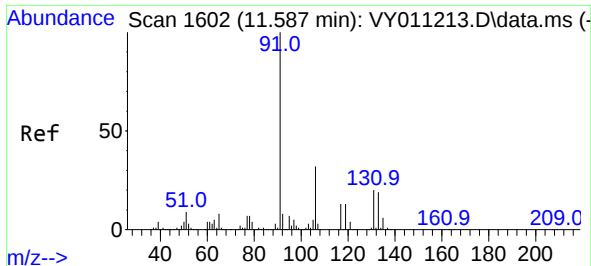
Tgt Ion:112 Resp: 435343  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.179 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:131 Resp: 164181  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.9 143.6  
119 64.4 30.8 92.3





#67

Ethyl Benzene

Concen: 50.453 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

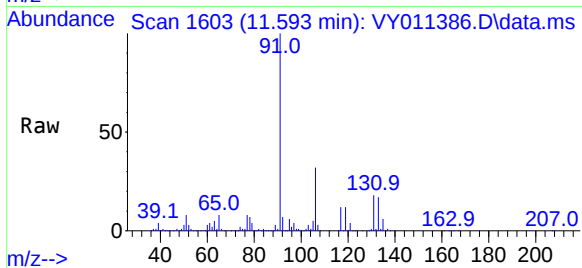
ICVY111022

Tgt Ion: 91 Resp: 770964

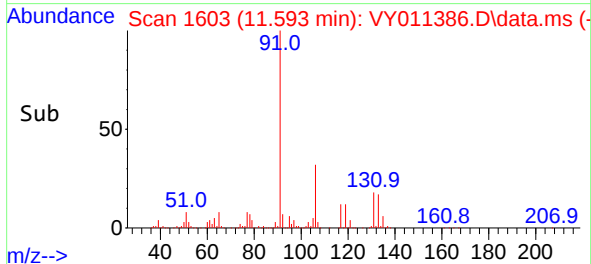
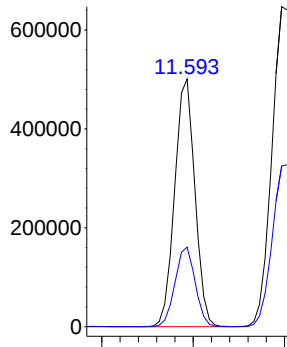
Ion Ratio Lower Upper

91 100

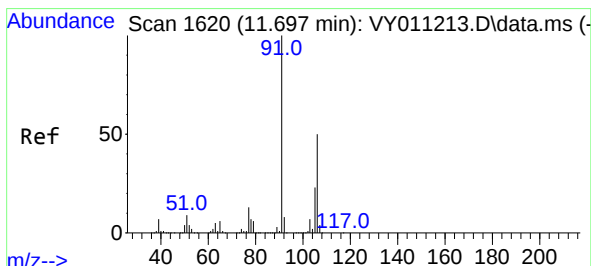
106 32.1 24.5 36.7



Abundance



Time-->



#68

m/p-Xylenes

Concen: 101.520 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011386.D

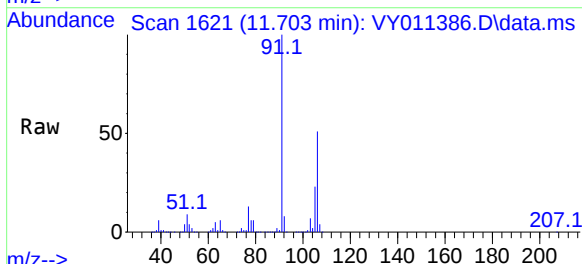
Acq: 10 Nov 2022 13:00

Tgt Ion:106 Resp: 608195

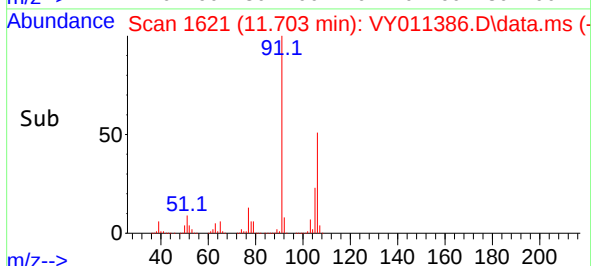
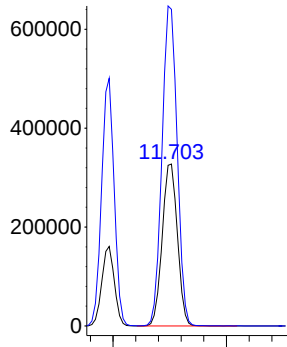
Ion Ratio Lower Upper

106 100

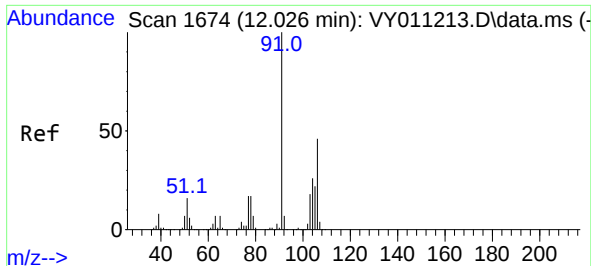
91 197.3 166.6 249.8



Abundance



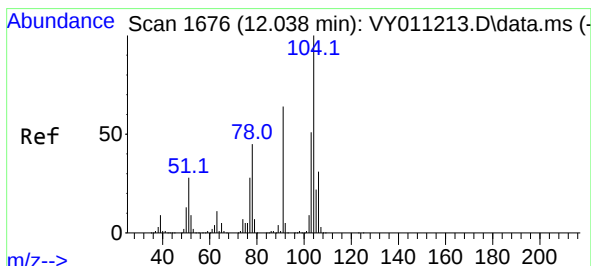
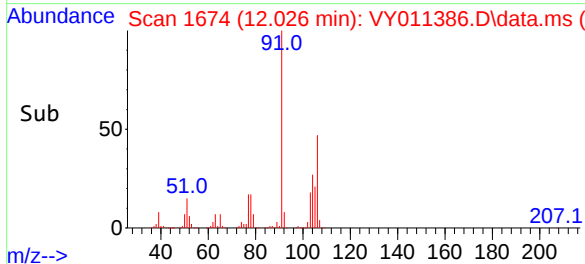
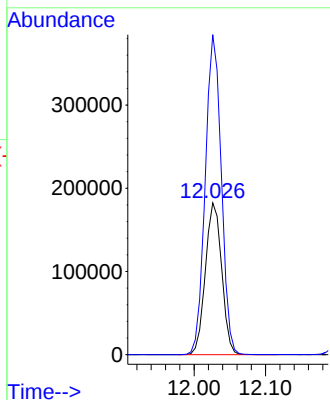
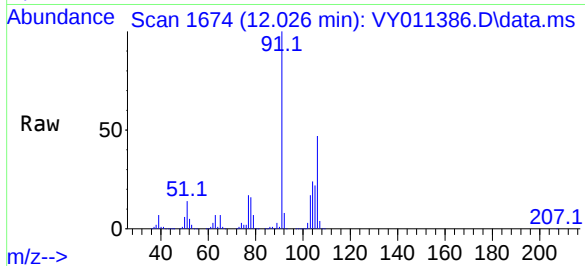
Time-->



#69  
o-Xylene  
Concen: 51.130 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

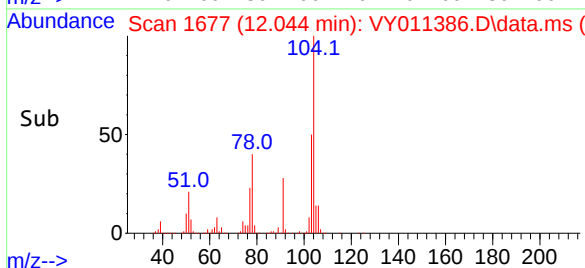
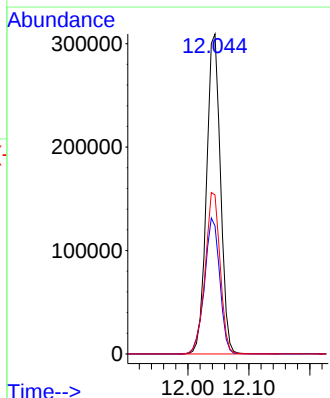
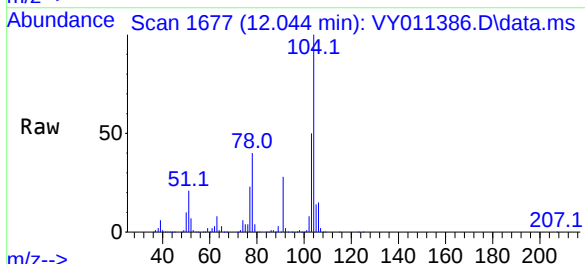
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

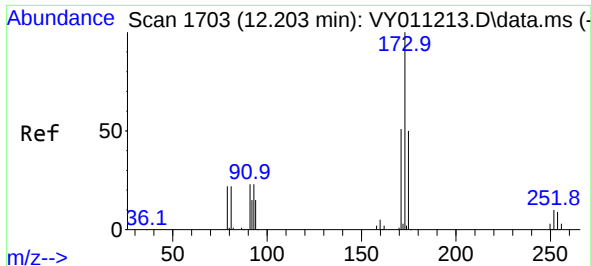
Tgt Ion:106 Resp: 288909  
Ion Ratio Lower Upper  
106 100  
91 207.6 110.3 331.0



#70  
Styrene  
Concen: 51.850 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:104 Resp: 492507  
Ion Ratio Lower Upper  
104 100  
78 46.4 42.4 63.6  
103 54.4 44.4 66.6

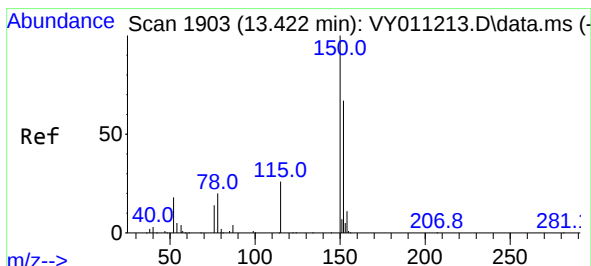
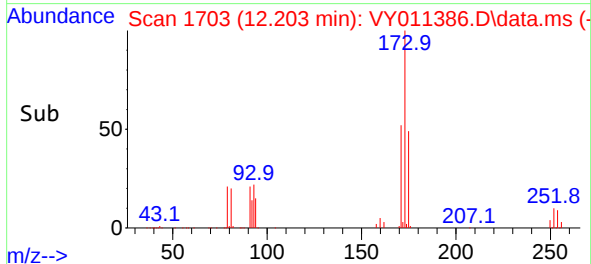
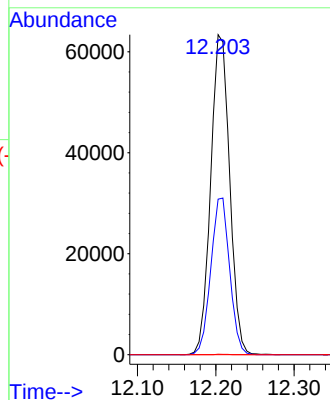
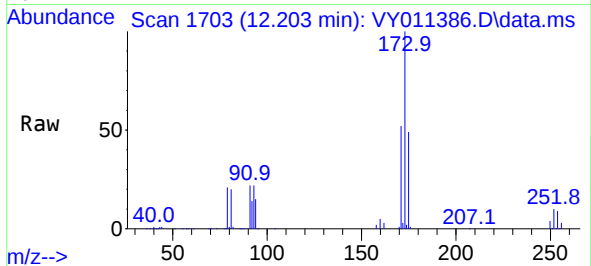




#71  
Bromoform  
Concen: 52.496 ug/l  
RT: 12.203 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

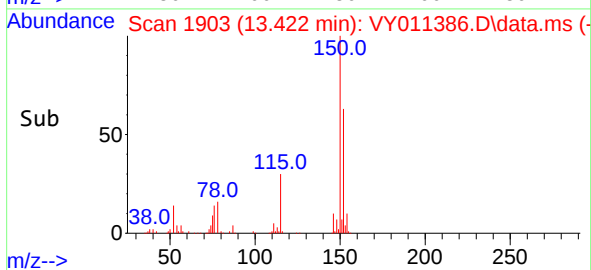
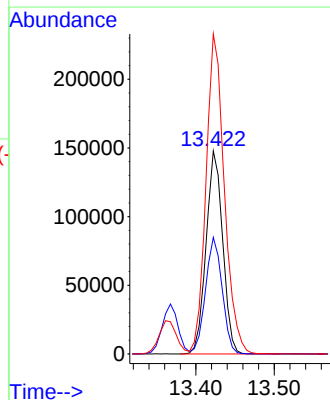
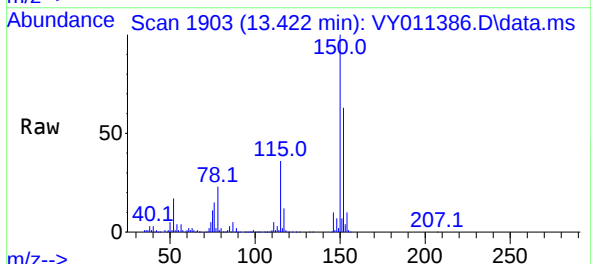
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY111022

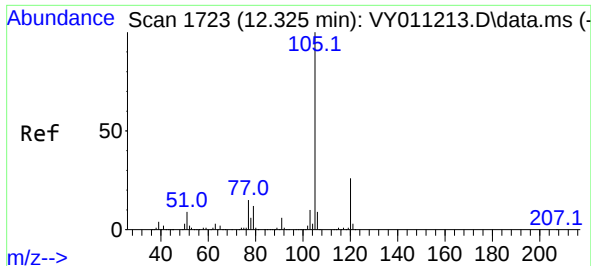
Tgt Ion:173 Resp: 106464  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:152 Resp: 217518  
Ion Ratio Lower Upper  
152 100  
115 57.4 28.2 84.7  
150 173.5 0.0 347.6

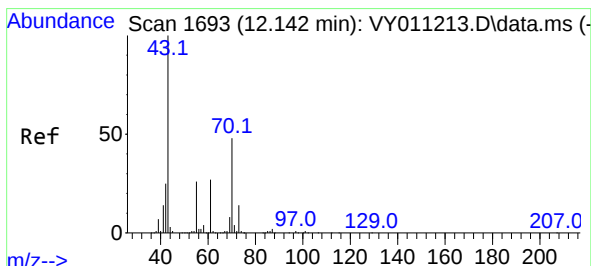
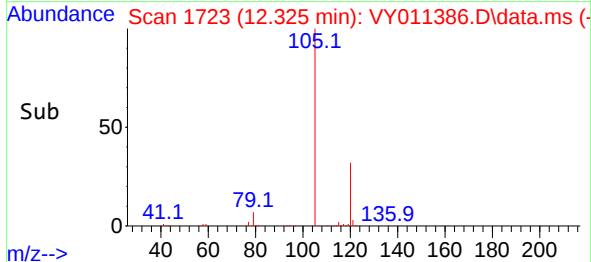
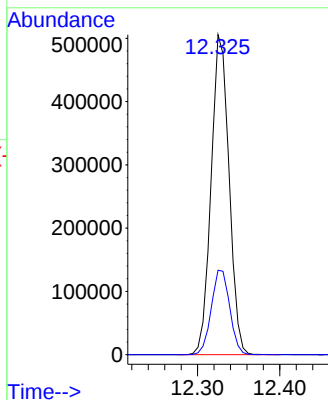
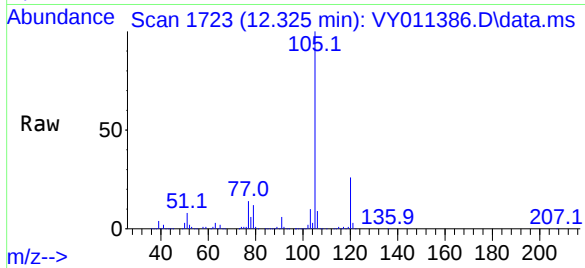




#73  
Isopropylbenzene  
Concen: 50.917 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

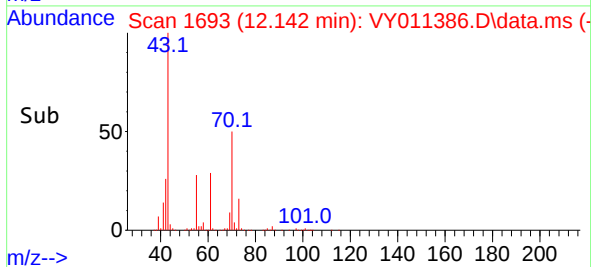
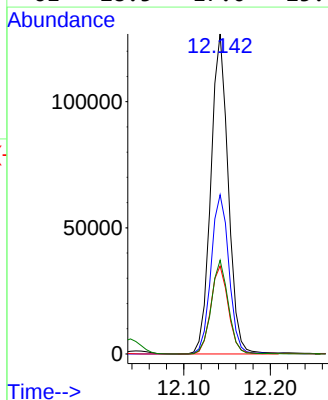
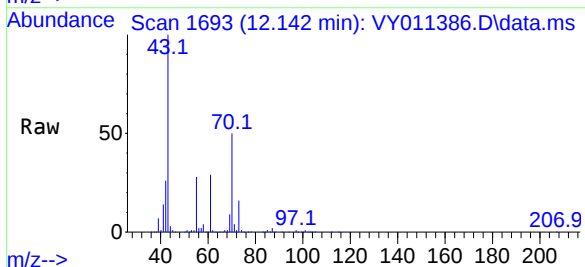
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

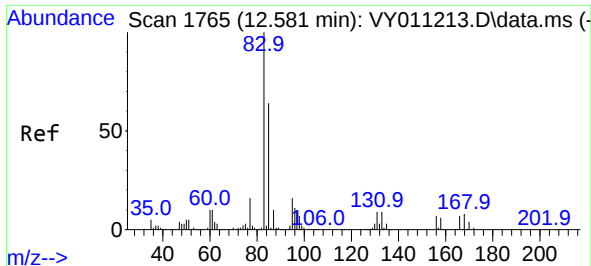
Tgt Ion:105 Resp: 765498  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.4 40.2



#74  
N-ethyl acetate  
Concen: 55.993 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 43 Resp: 177104  
Ion Ratio Lower Upper  
43 100  
70 51.4 28.7 43.1#  
55 27.6 17.3 25.9#  
61 28.5 17.0 25.6#

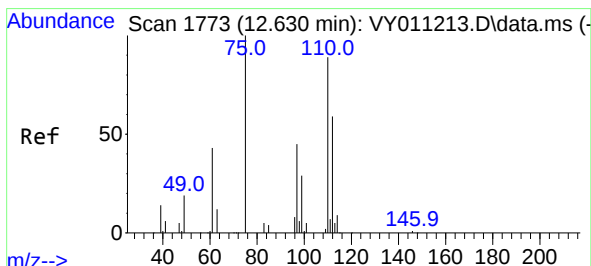
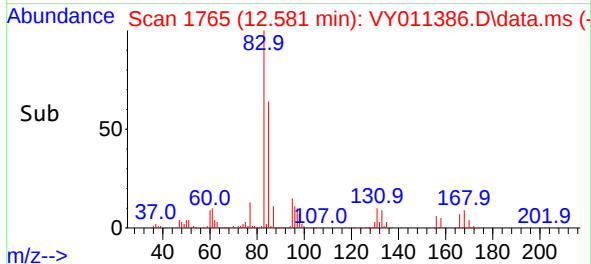
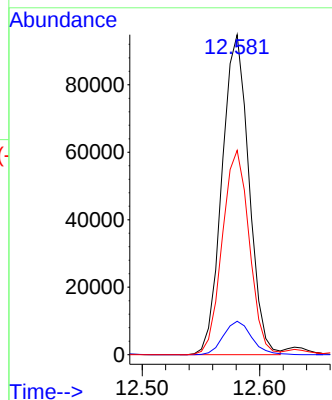
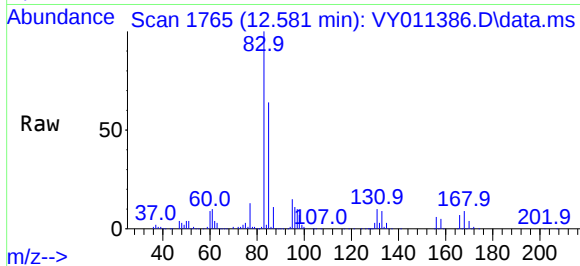




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.205 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

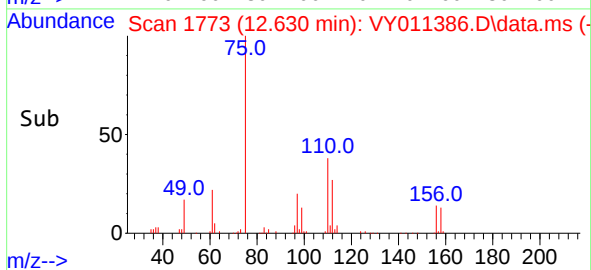
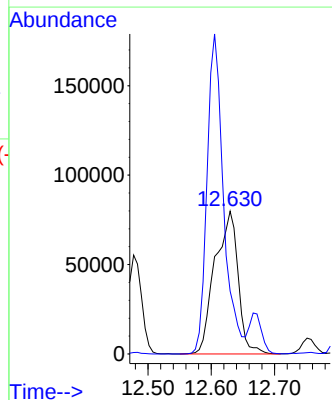
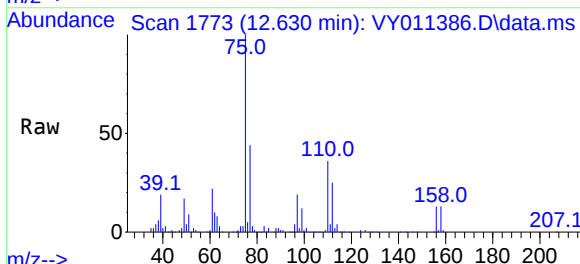
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY111022

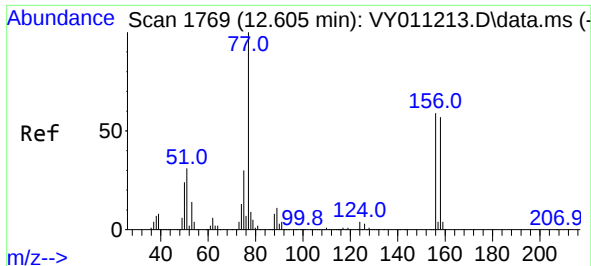
Tgt Ion: 83 Resp: 150796  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.6 16.8  
85 64.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 80.614 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 75 Resp: 202973  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

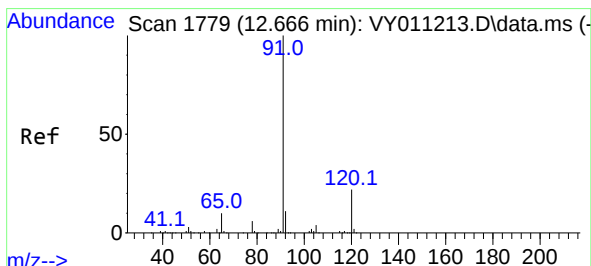
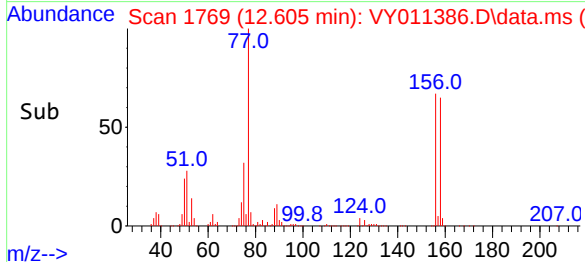
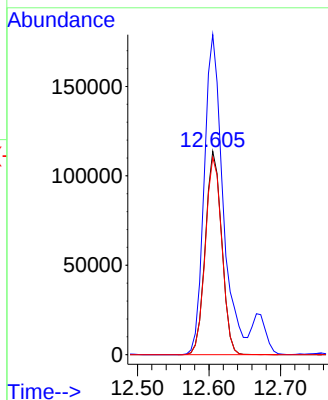
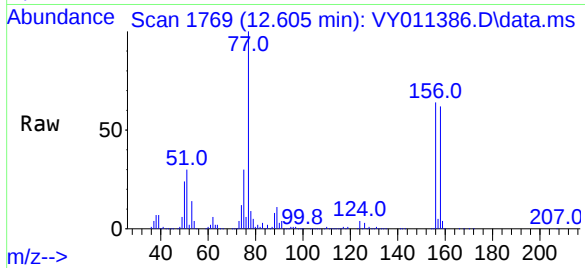




#77  
Bromobenzene  
Concen: 50.304 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

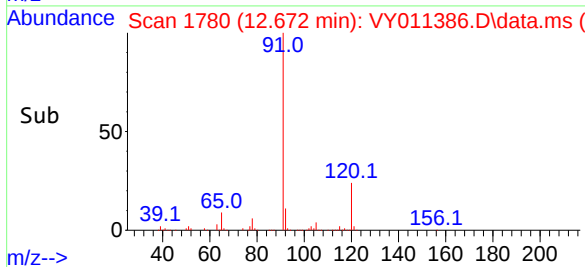
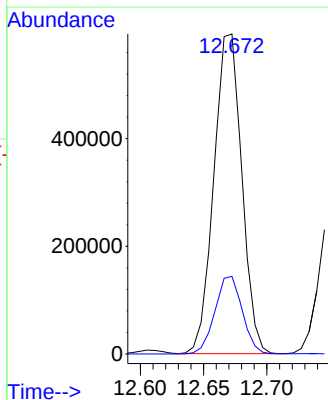
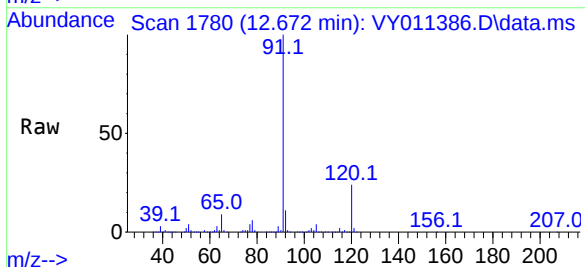
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

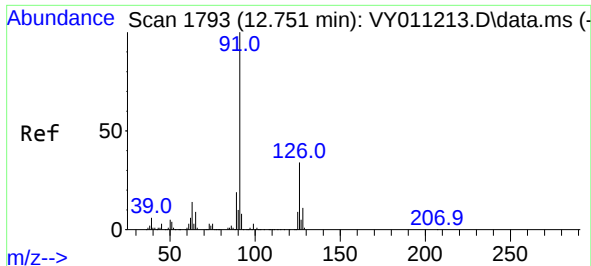
Tgt Ion:156 Resp: 180851  
Ion Ratio Lower Upper  
156 100  
77 180.7 95.5 286.4  
158 98.0 48.0 144.0



#78  
n-propylbenzene  
Concen: 50.820 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 91 Resp: 911649  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.3 33.9

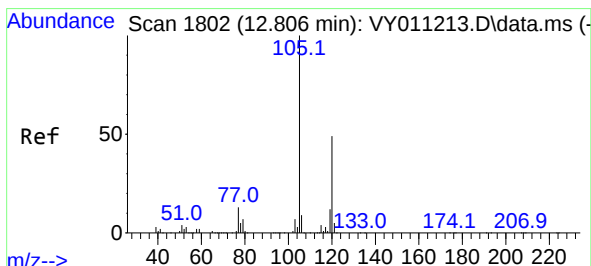
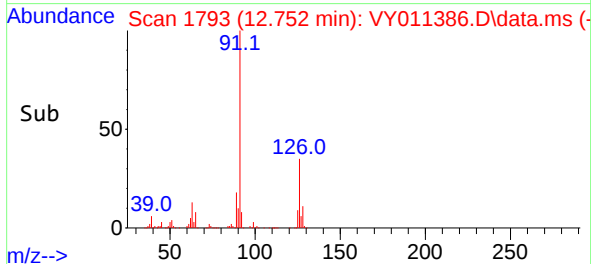
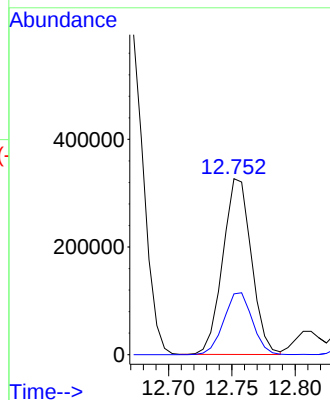
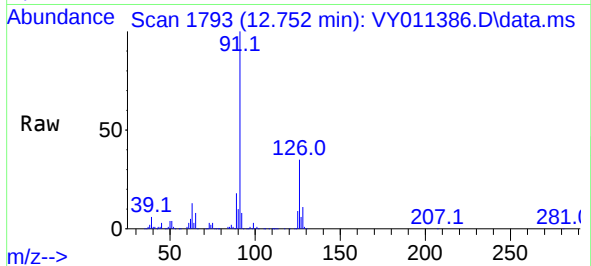




#79  
2-Chlorotoluene  
Concen: 50.153 ug/l  
RT: 12.752 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

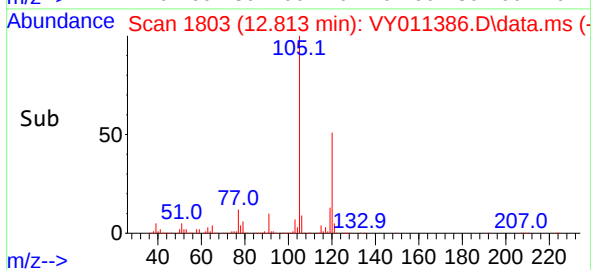
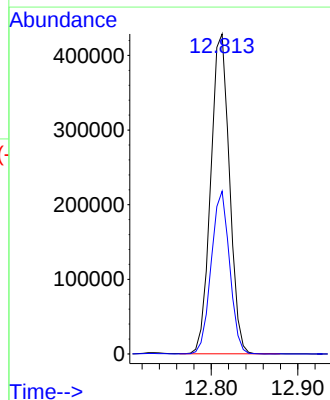
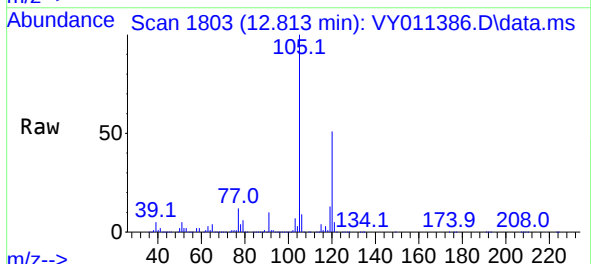
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

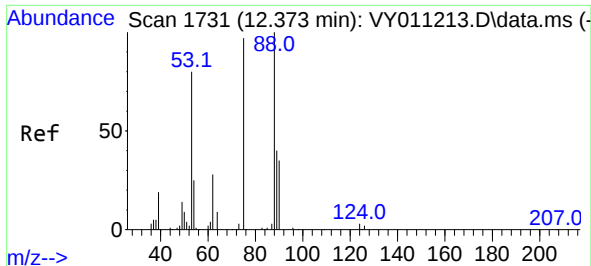
Tgt Ion: 91 Resp: 514534  
Ion Ratio Lower Upper  
91 100  
126 35.3 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.735 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:105 Resp: 643342  
Ion Ratio Lower Upper  
105 100  
120 49.9 24.4 73.4

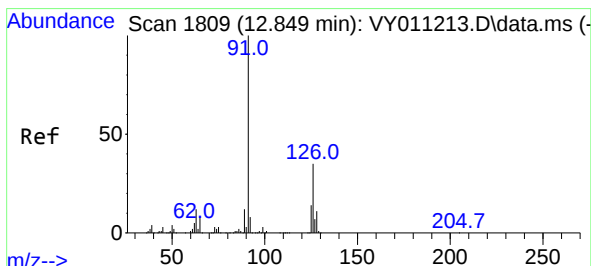
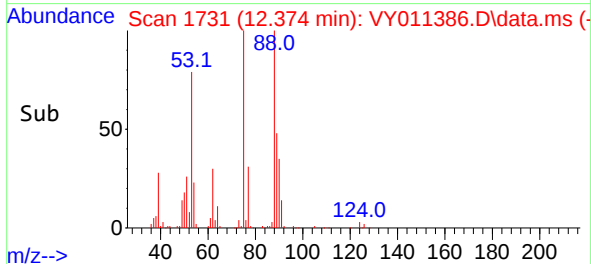
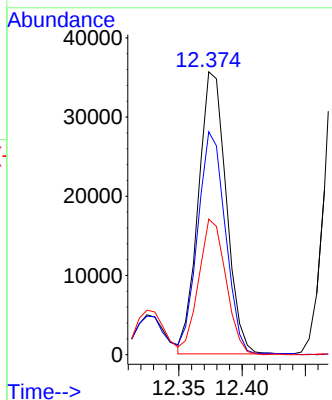
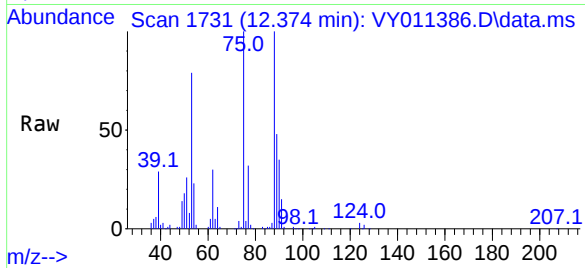




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.223 ug/l  
RT: 12.374 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

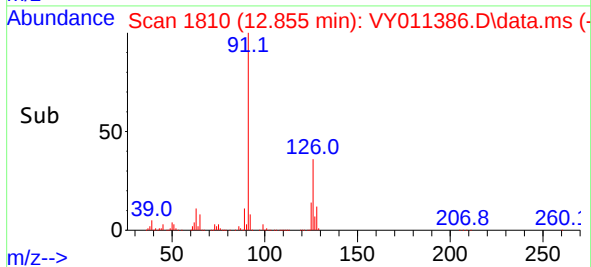
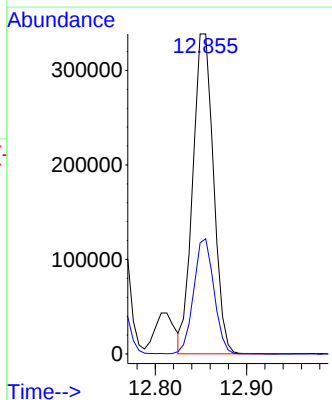
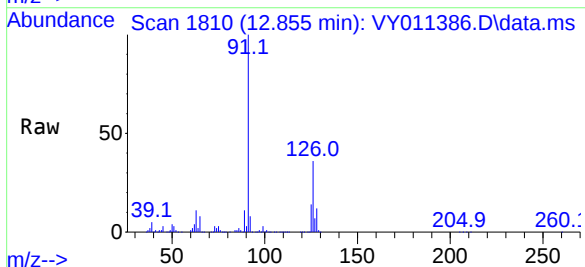
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

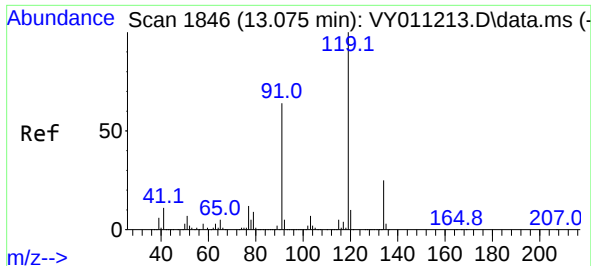
Tgt Ion: 75 Resp: 54703  
Ion Ratio Lower Upper  
75 100  
53 79.1 85.3 127.9#  
89 46.9 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 50.053 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 91 Resp: 533069  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.0 51.0

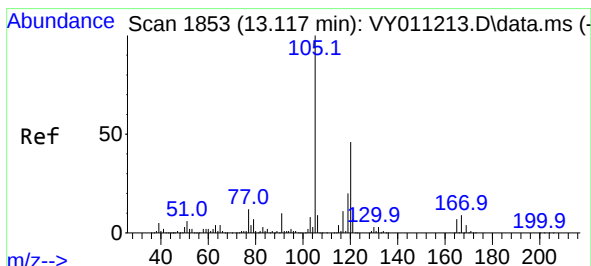
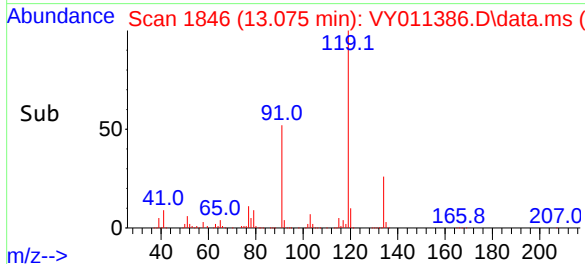
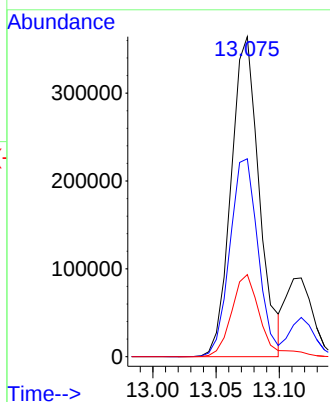
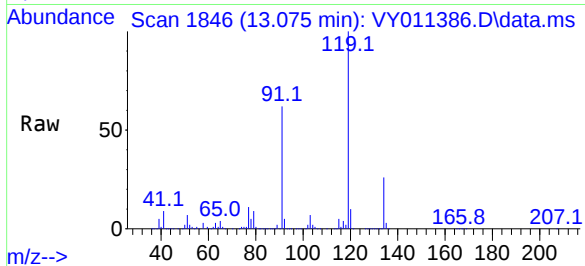




#83  
tert-Butylbenzene  
Concen: 51.449 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

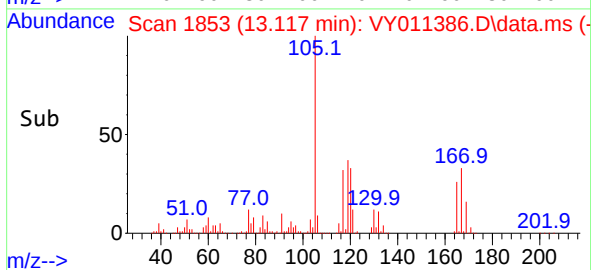
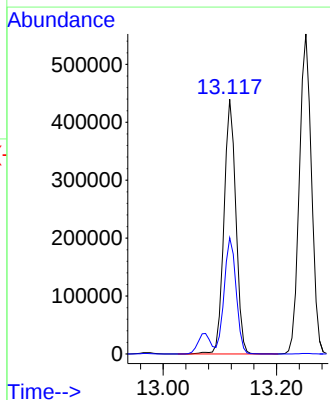
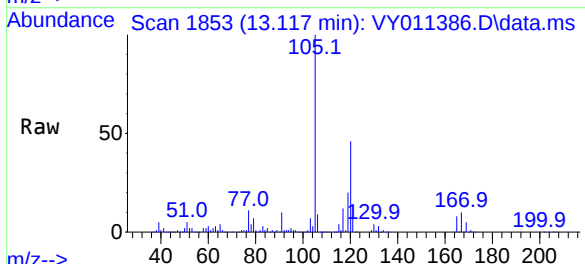
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY111022

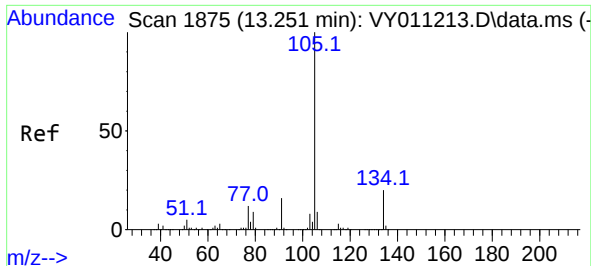
Tgt Ion:119 Resp: 564054  
Ion Ratio Lower Upper  
119 100  
91 61.9 34.8 104.4  
134 26.3 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 51.209 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:105 Resp: 637385  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.3 66.9

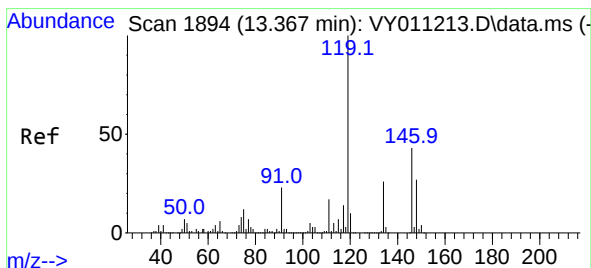
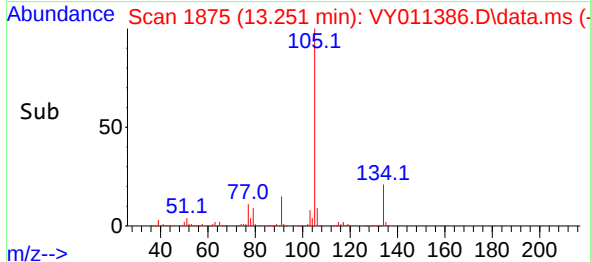
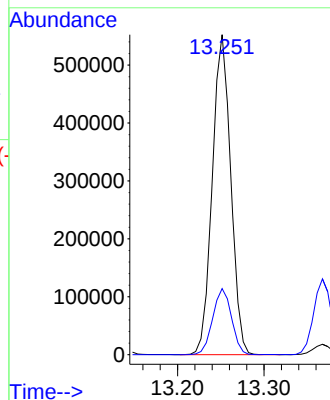
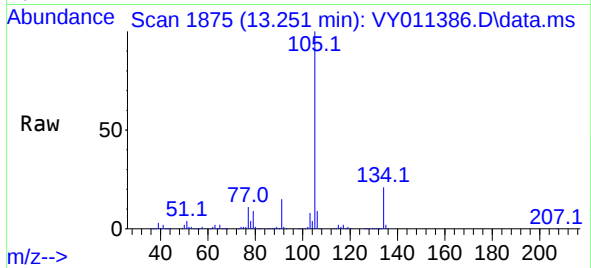




#85  
 sec-Butylbenzene  
 Concen: 50.667 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY011386.D  
 Acq: 10 Nov 2022 13:00

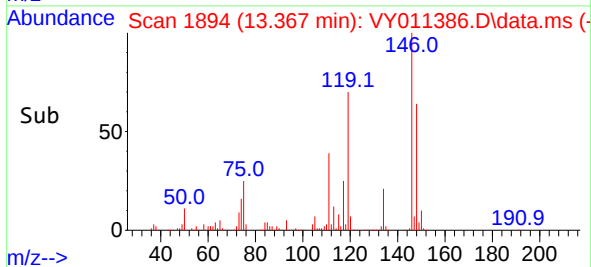
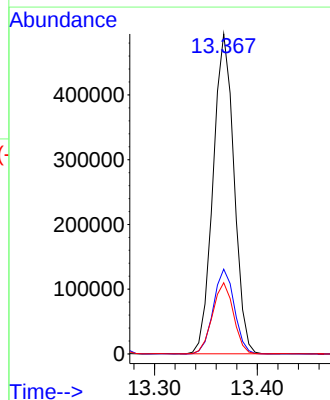
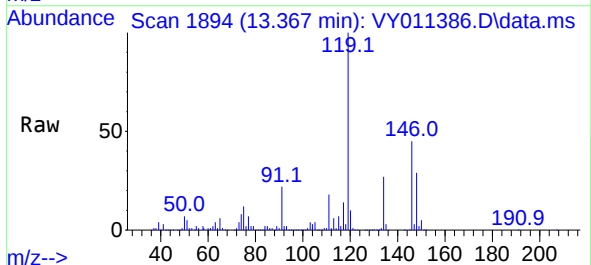
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY111022

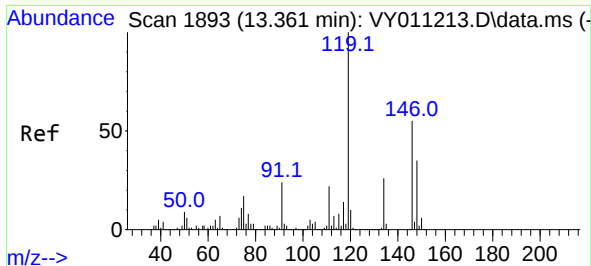
Tgt Ion:105 Resp: 817676  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 51.549 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY011386.D  
 Acq: 10 Nov 2022 13:00

Tgt Ion:119 Resp: 697322  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.2 39.5  
 91 22.3 12.4 37.2

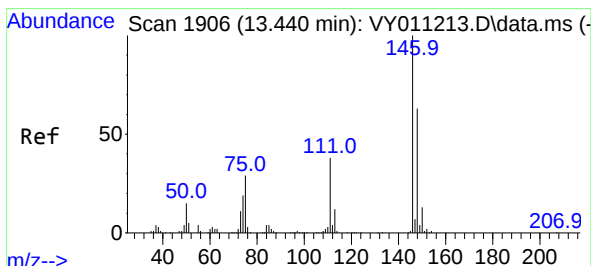
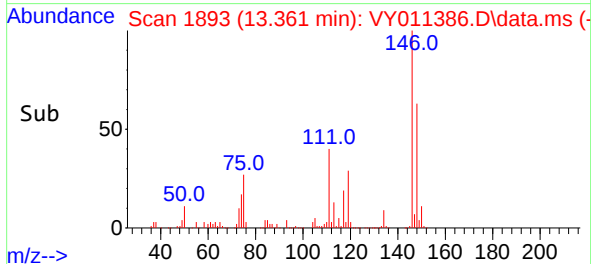
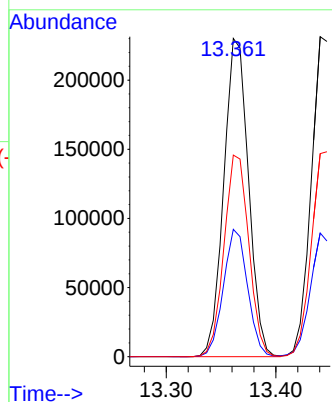
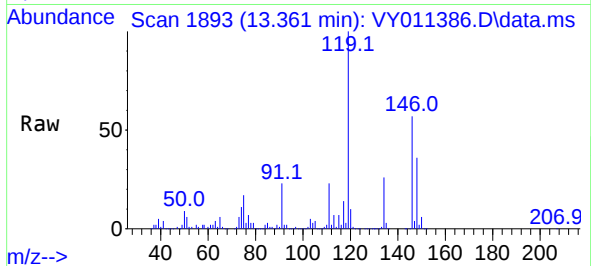




#87  
1,3-Dichlorobenzene  
Concen: 50.200 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. -0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

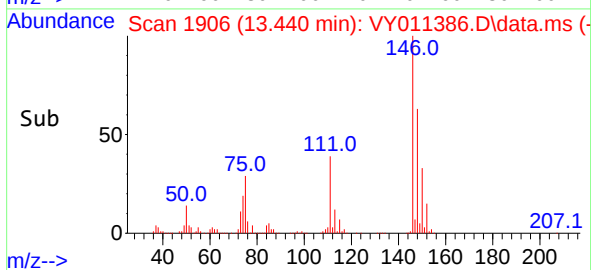
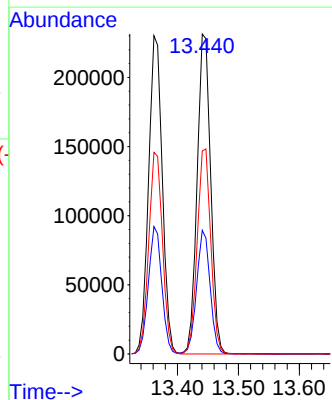
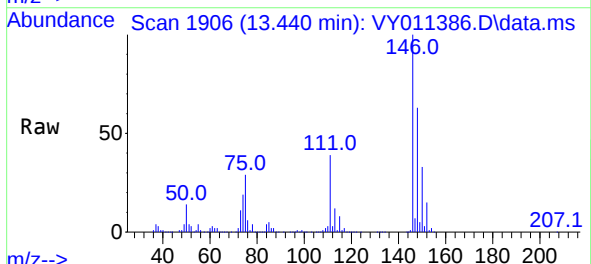
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

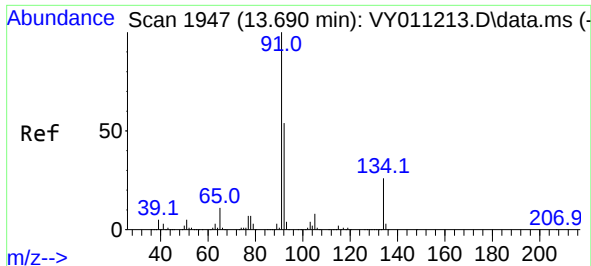
Tgt Ion:146 Resp: 360273  
Ion Ratio Lower Upper  
146 100  
111 39.2 19.5 58.5  
148 63.6 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 50.309 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. -0.007 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:146 Resp: 357049  
Ion Ratio Lower Upper  
146 100  
111 38.3 19.3 57.8  
148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 52.052 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY011386.D

Acq: 10 Nov 2022 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY111022

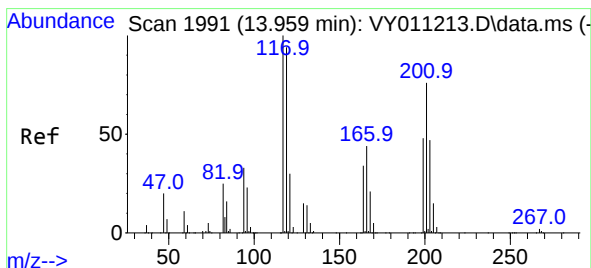
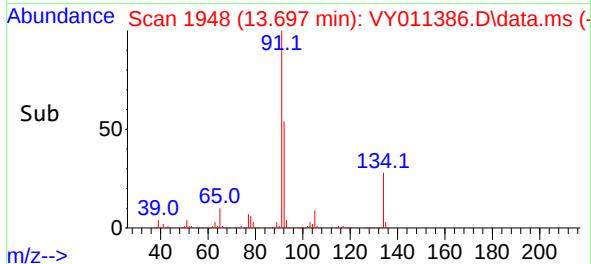
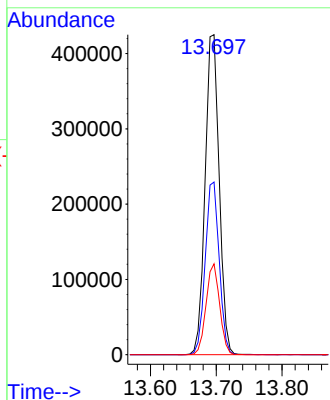
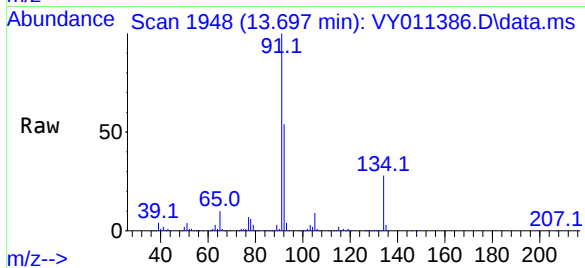
Tgt Ion: 91 Resp: 632695

Ion Ratio Lower Upper

91 100

92 53.5 26.3 78.9

134 27.4 13.0 38.9



#90

Hexachloroethane

Concen: 50.606 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011386.D

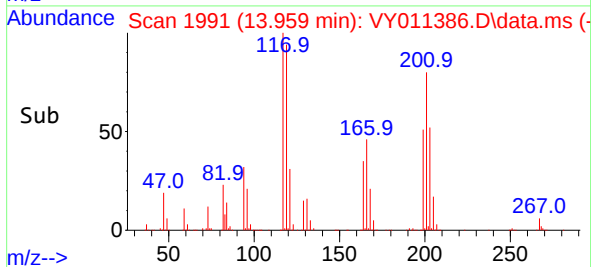
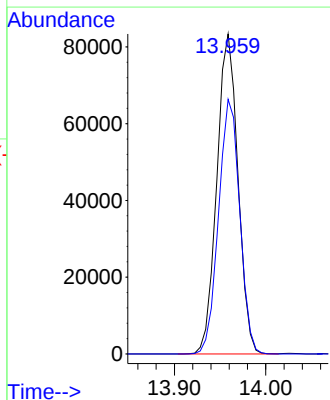
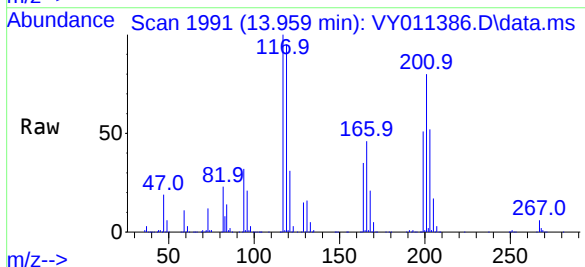
Acq: 10 Nov 2022 13:00

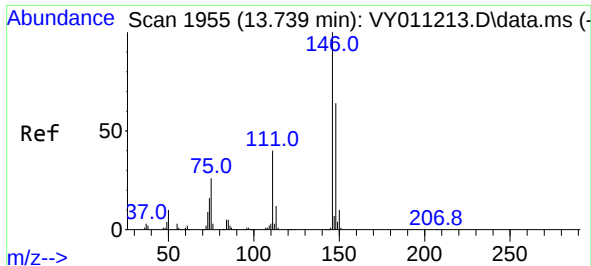
Tgt Ion: 117 Resp: 133939

Ion Ratio Lower Upper

117 100

201 79.8 43.0 128.8

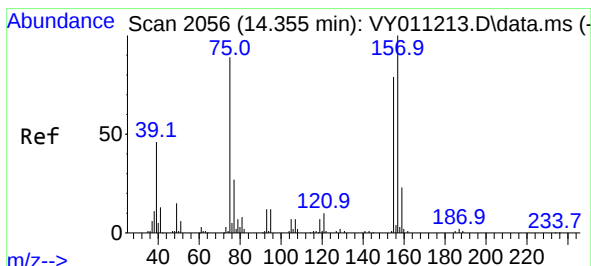
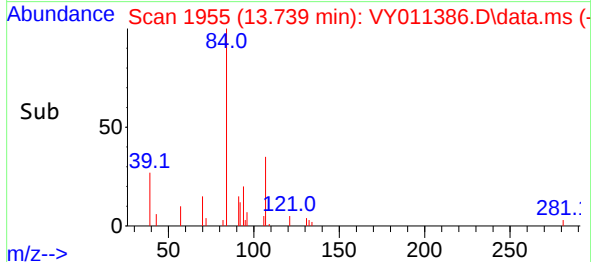
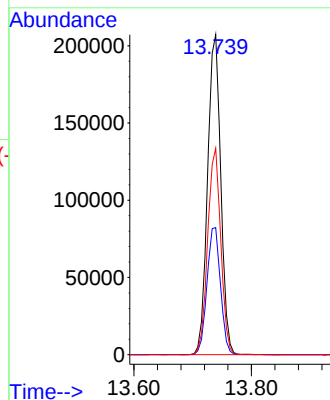
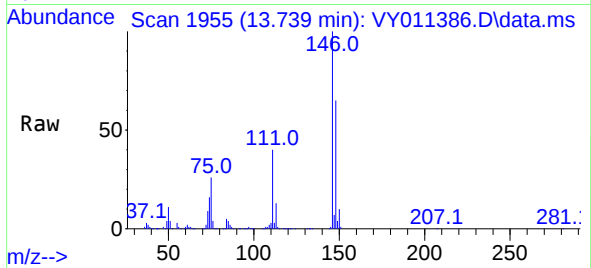




#91  
1,2-Dichlorobenzene  
Concen: 50.792 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

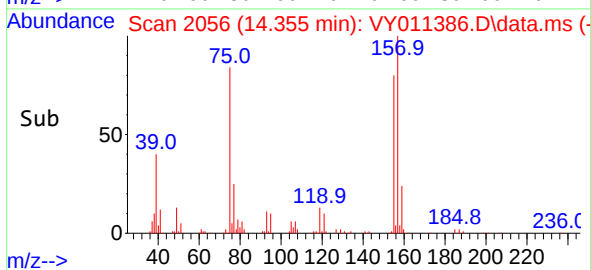
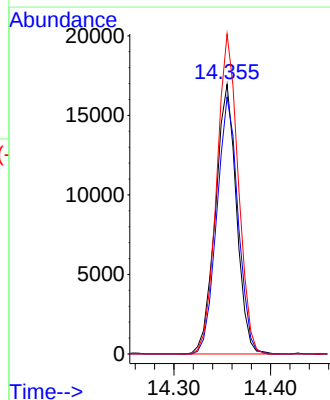
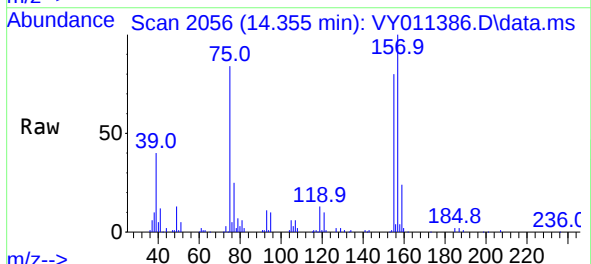
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

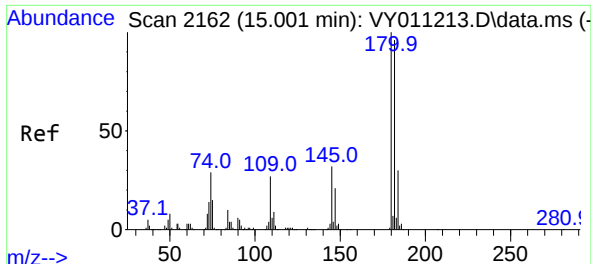
Tgt Ion:146 Resp: 323360  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.3 60.9  
148 64.1 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 54.458 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion: 75 Resp: 25630  
Ion Ratio Lower Upper  
75 100  
155 96.0 38.0 113.9  
157 120.8 47.8 143.3

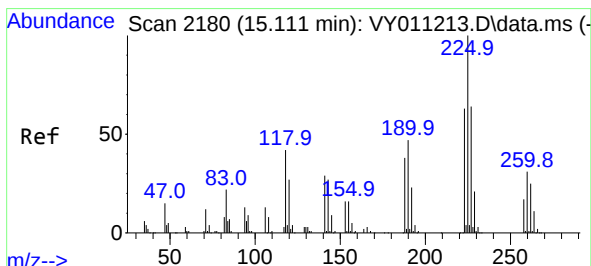
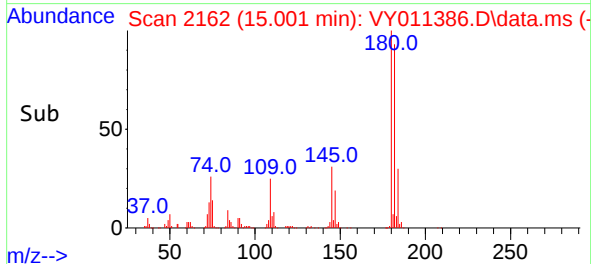
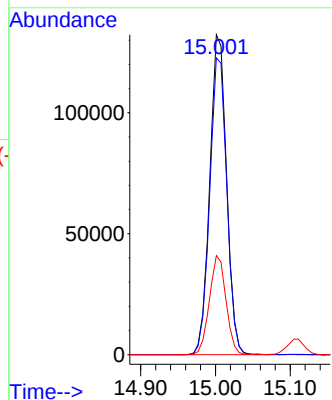
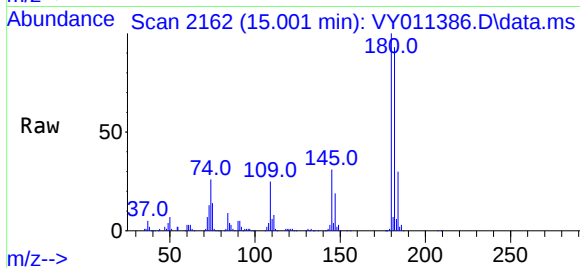




#93  
1,2,4-Trichlorobenzene  
Concen: 55.068 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

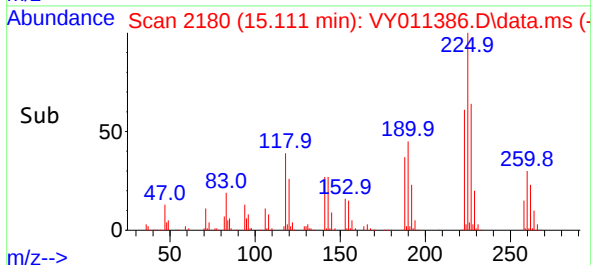
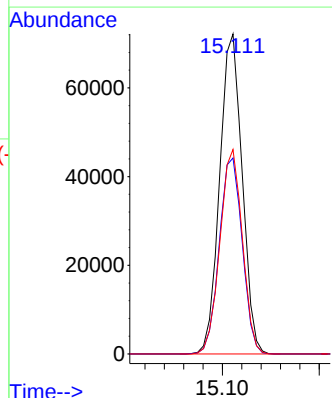
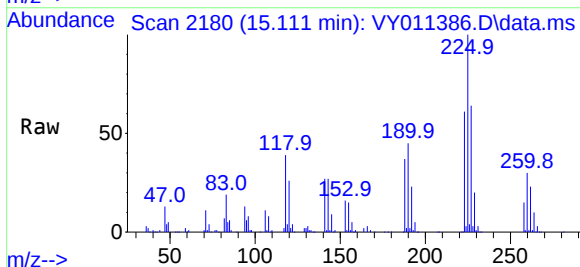
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

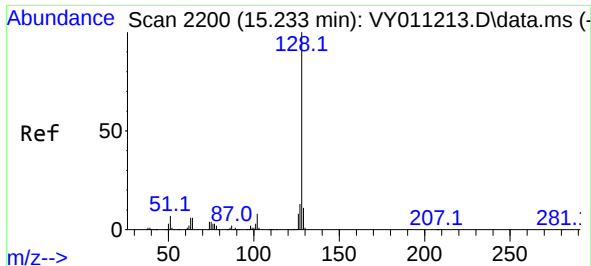
Tgt Ion:180 Resp: 206672  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.3 141.9  
145 30.6 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 52.401 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:225 Resp: 116186  
Ion Ratio Lower Upper  
225 100  
223 62.6 30.8 92.3  
227 63.7 31.6 94.7

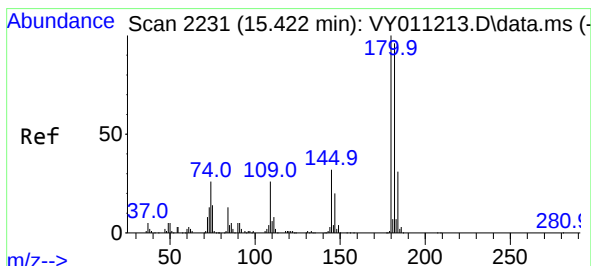
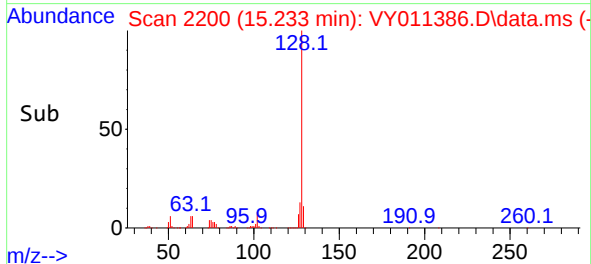
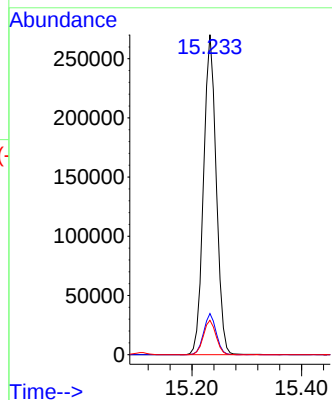
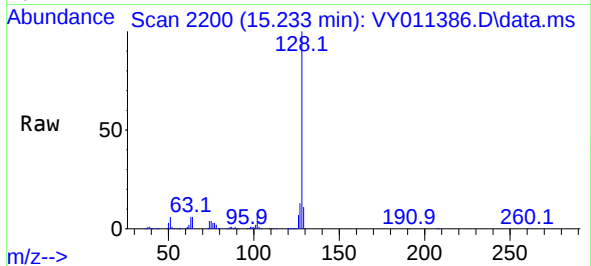




#95  
Naphthalene  
Concen: 52.511 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY111022

Tgt Ion:128 Resp: 433577  
Ion Ratio Lower Upper  
128 100  
127 12.6 11.0 16.4  
129 10.7 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 56.032 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY011386.D  
Acq: 10 Nov 2022 13:00

Tgt Ion:180 Resp: 181597  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.3 141.9  
145 31.9 15.3 45.9

