

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112322\  
 Data File : VY011588.D  
 Acq On : 23 Nov 2022 20:14  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 24 00:40:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111822S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 19 22:37:14 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.789  | 168   | 170498   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 275917   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 256001   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 129900   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.143  | 65    | 94996    | 54.872   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 109.740% |          |
| 35) Dibromofluoromethane     | 7.716  | 113   | 90833    | 53.478   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 106.960% |          |
| 50) Toluene-d8               | 10.179 | 98    | 315006   | 51.036   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 102.080% |          |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 122822   | 53.820   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 107.640% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 42467    | 45.708   | ug/l       | 98       |
| 3) Chloromethane             | 2.113  | 50    | 72412    | 49.948   | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.253  | 62    | 82810    | 42.941   | ug/l       | 99       |
| 5) Bromomethane              | 2.650  | 94    | 57789    | 46.676   | ug/l       | 100      |
| 6) Chloroethane              | 2.796  | 64    | 56341    | 41.874   | ug/l       | 100      |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 136768   | 48.350   | ug/l       | 96       |
| 8) Diethyl Ether             | 3.528  | 74    | 50666    | 55.420   | ug/l       | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 3.900  | 101   | 83018    | 50.754   | ug/l       | 94       |
| 10) Methyl Iodide            | 4.095  | 142   | 95371    | 50.045   | ug/l       | 96       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 50377    | 271.169  | ug/l       | 96       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 75669    | 50.502   | ug/l       | 89       |
| 13) Acrolein                 | 3.735  | 56    | 10764    | 235.803  | ug/l       | 100      |
| 14) Allyl chloride           | 4.485  | 41    | 143053   | 54.387   | ug/l       | 93       |
| 15) Acrylonitrile            | 5.161  | 53    | 151322   | 303.042  | ug/l       | 98       |
| 16) Acetone                  | 3.948  | 43    | 130201   | 231.536  | ug/l       | 94       |
| 17) Carbon Disulfide         | 4.198  | 76    | 204346   | 49.209   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.479  | 43    | 76503    | 59.302   | ug/l       | 94       |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 246984   | 57.759   | ug/l       | 95       |
| 20) Methylene Chloride       | 4.716  | 84    | 114091   | 55.352   | ug/l       | 95       |
| 21) trans-1,2-Dichloroethene | 5.222  | 96    | 89720    | 51.818   | ug/l       | 95       |
| 22) Diisopropyl ether        | 6.119  | 45    | 326916   | 56.940   | ug/l       | 96       |
| 23) Vinyl Acetate            | 6.064  | 43    | 1022130  | 305.622  | ug/l       | 96       |
| 24) 1,1-Dichloroethane       | 6.021  | 63    | 176773   | 52.439   | ug/l       | 98       |
| 25) 2-Butanone               | 6.984  | 43    | 200259   | 270.975  | ug/l #     | 90       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 149992   | 48.210   | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene   | 6.984  | 96    | 108052   | 53.009   | ug/l       | 94       |
| 28) Bromochloromethane       | 7.332  | 49    | 75569    | 55.801   | ug/l       | 96       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 130249   | 312.080  | ug/l       | 94       |
| 30) Chloroform               | 7.509  | 83    | 186628   | 53.385   | ug/l       | 99       |
| 31) Cyclohexane              | 7.783  | 56    | 143934   | 50.159   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 7.704  | 97    | 159975   | 51.154   | ug/l       | 97       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 130803   | 49.266   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.076  | 43    | 88061    | 58.247   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 143125   | 48.183   | ug/l       | 99       |
| 39) Methylcyclohexane        | 9.185  | 83    | 148617   | 50.159   | ug/l       | 95       |
| 40) Benzene                  | 8.161  | 78    | 389197   | 50.323   | ug/l       | 96       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 24 00:40:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111822S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 19 22:37:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 121912   | 159.486  | ug/l  | # 1      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 122733   | 51.313   | ug/l  | 94       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 153408   | 56.248   | ug/l  | 95       |
| 44) Trichloroethene           | 8.941  | 130  | 100726   | 48.406   | ug/l  | 95       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 103198   | 52.203   | ug/l  | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 58059    | 52.526   | ug/l  | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 144199   | 51.792   | ug/l  | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 71592    | 59.097   | ug/l  | 91       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 16290    | 1190.042 | ug/l  | # 88     |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 455970   | 300.744  | ug/l  | 94       |
| 52) Toluene                   | 10.246 | 92   | 250768   | 51.274   | ug/l  | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 144534   | 51.933   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 161620   | 51.621   | ug/l  | # 89     |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 83406    | 52.743   | ug/l  | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 114404   | 58.169   | ug/l  | # 86     |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 142302   | 53.134   | ug/l  | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 259217   | 269.115  | ug/l  | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 311394   | 287.767  | ug/l  | 91       |
| 60) Dibromochloromethane      | 10.984 | 129  | 101917   | 52.590   | ug/l  | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 77006    | 53.349   | ug/l  | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 103893   | 49.248   | ug/l  | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 267201   | 49.845   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 101698   | 50.054   | ug/l  | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 489659   | 50.588   | ug/l  | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 373382   | 101.337  | ug/l  | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 178529   | 52.042   | ug/l  | 96       |
| 70) Styrene                   | 12.044 | 104  | 306409   | 52.327   | ug/l  | 97       |
| 71) Bromoform                 | 12.209 | 173  | 64903    | 52.507   | ug/l  | # 99     |
| 73) Isopropylbenzene          | 12.331 | 105  | 479762   | 51.068   | ug/l  | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 130946   | 56.443   | ug/l  | # 90     |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 99677    | 53.843   | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 134274   | 95.983   | ug/l  | # 100    |
| 77) Bromobenzene              | 12.611 | 156  | 109143   | 49.753   | ug/l  | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 580904   | 50.684   | ug/l  | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 327017   | 50.622   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 405962   | 51.263   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 34587    | 54.153   | ug/l  | 90       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 338234   | 50.073   | ug/l  | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 350521   | 50.816   | ug/l  | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 402741   | 51.491   | ug/l  | 100      |
| 85) sec-Butylbenzene          | 13.252 | 105  | 520778   | 50.600   | ug/l  | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 435947   | 50.754   | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 217472   | 48.700   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 215272   | 48.211   | ug/l  | 98       |
| 89) n-Butylbenzene            | 13.697 | 91   | 400730   | 50.751   | ug/l  | 100      |
| 90) Hexachloroethane          | 13.959 | 117  | 84804    | 48.892   | ug/l  | 88       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 197532   | 49.902   | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 16716    | 55.059   | ug/l  | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 107630   | 49.021   | ug/l  | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 65091    | 47.693   | ug/l  | 97       |
| 95) Naphthalene               | 15.233 | 128  | 233231   | 50.617   | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 95179    | 50.584   | ug/l  | 98       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 28 Sample Multiplier: 1

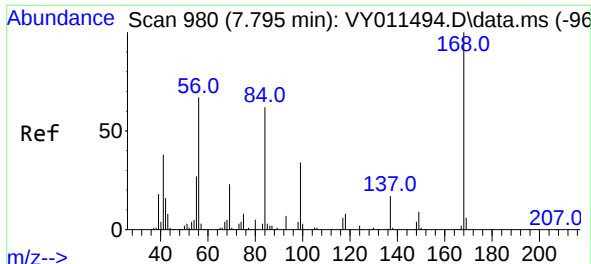
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Nov 24 00:40:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111822S.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 19 22:37:14 2022  
Response via : Initial Calibration

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

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

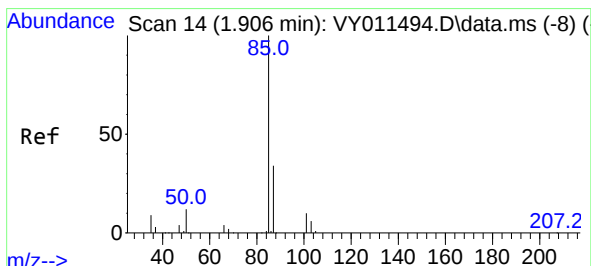
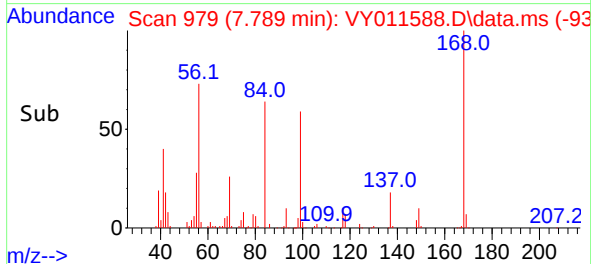
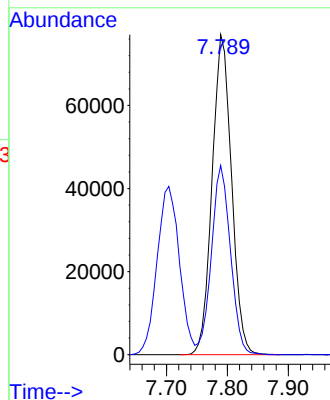
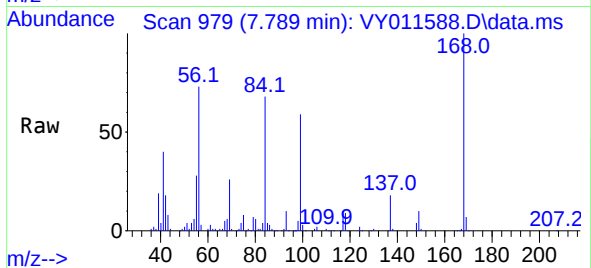




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

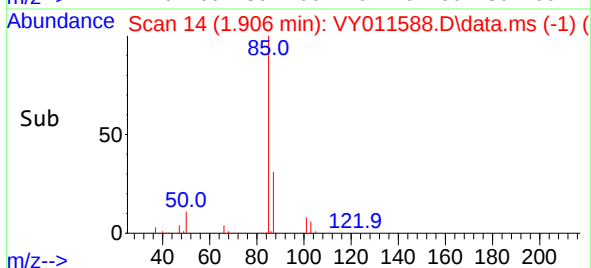
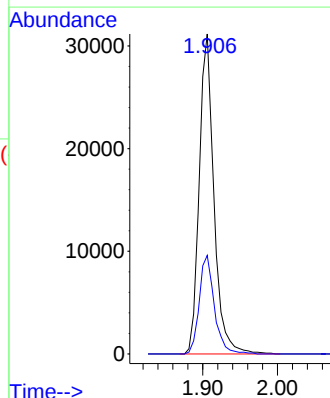
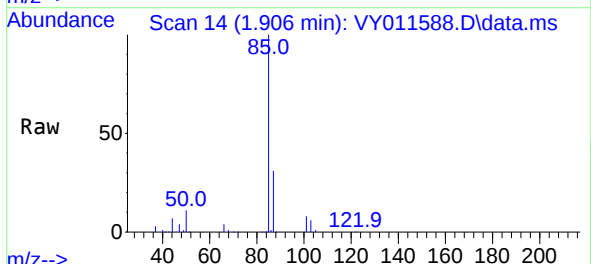
Instrument :  
MSVOA\_Y  
ClientSampleId :

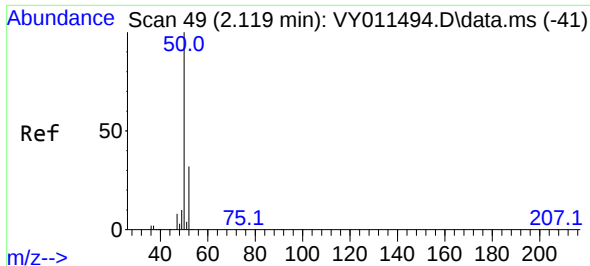
Tgt Ion:168 Resp: 170498  
Ion Ratio Lower Upper  
168 100  
99 59.1 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 45.708 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 85 Resp: 42467  
Ion Ratio Lower Upper  
85 100  
87 30.8 16.1 48.2

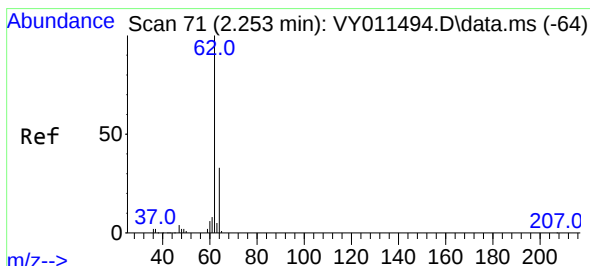
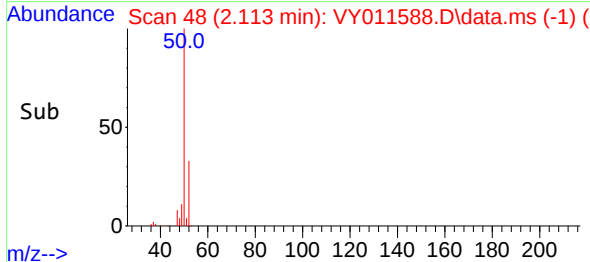
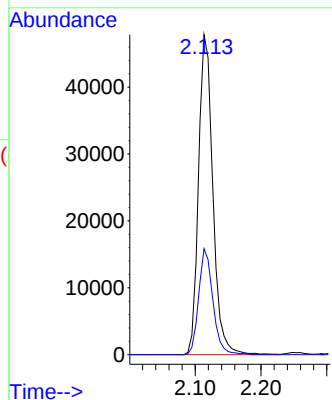
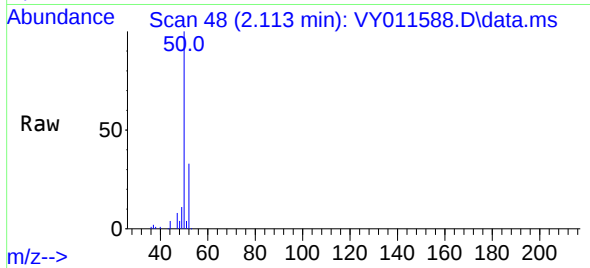




#3  
Chloromethane  
Concen: 49.948 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

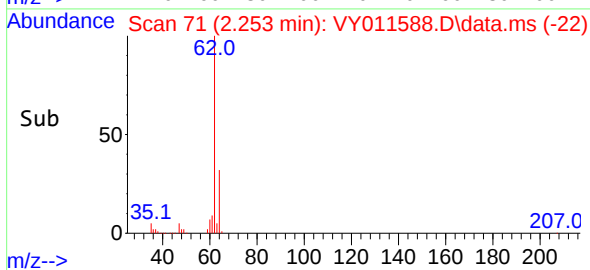
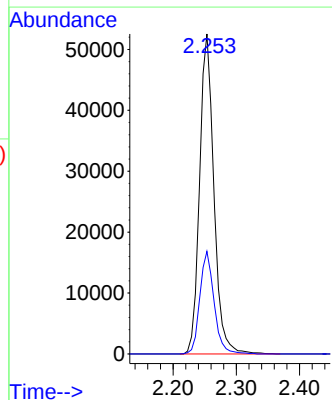
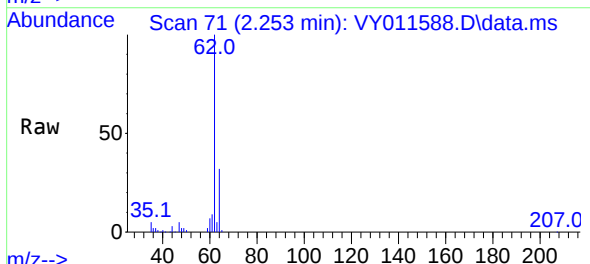
Instrument :  
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ClientSampleId :

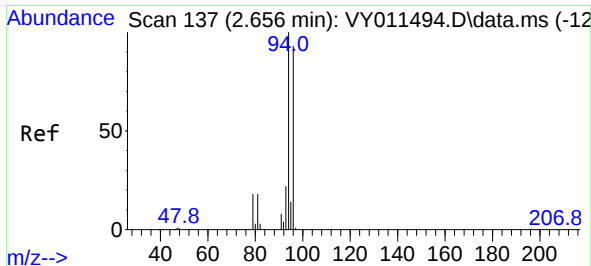
Tgt Ion: 50 Resp: 72412  
Ion Ratio Lower Upper  
50 100  
52 33.1 24.6 37.0



#4  
Vinyl Chloride  
Concen: 42.941 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 62 Resp: 82810  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.0 37.6

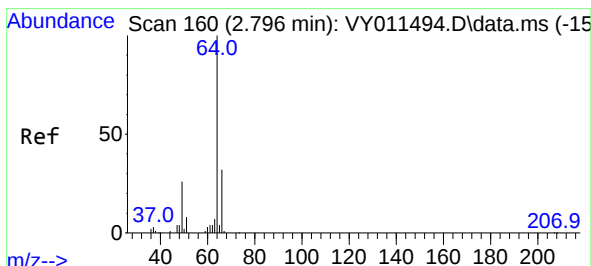
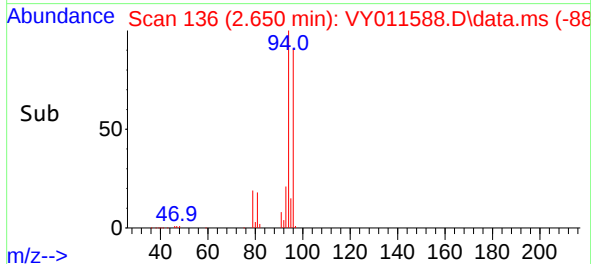
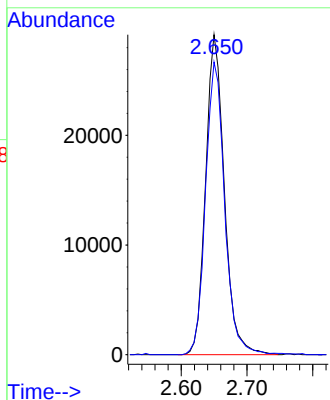
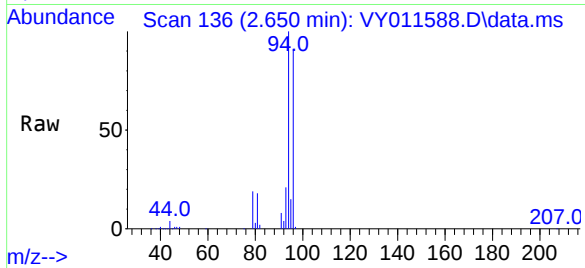




#5  
Bromomethane  
Concen: 46.676 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

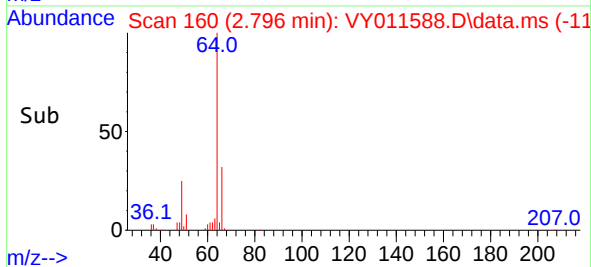
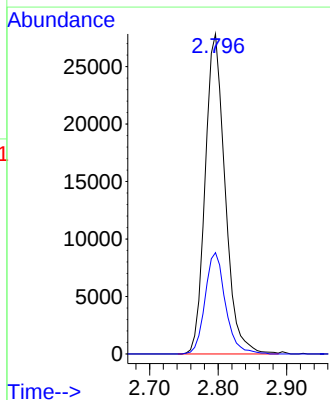
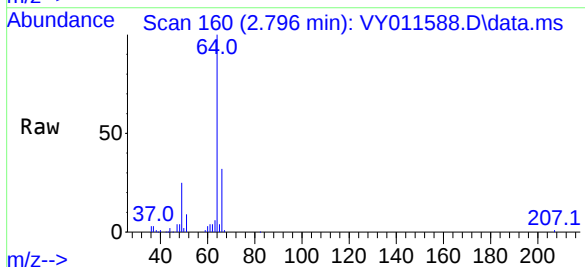
Instrument :  
MSVOA\_Y  
ClientSampleId :

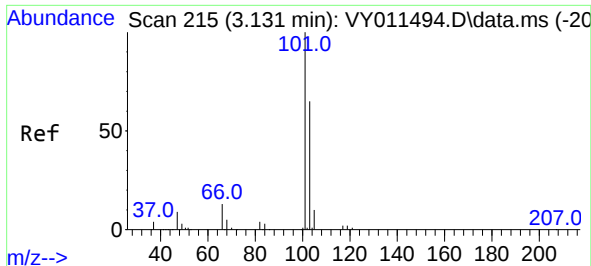
Tgt Ion: 94 Resp: 57789  
Ion Ratio Lower Upper  
94 100  
96 91.5 73.5 110.3



#6  
Chloroethane  
Concen: 41.874 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

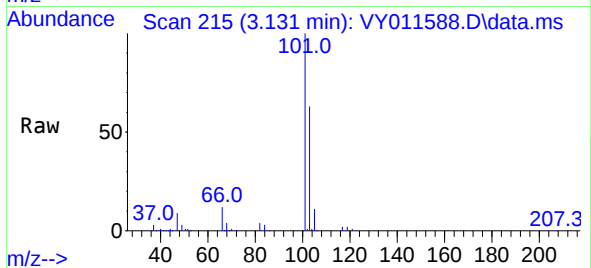
Tgt Ion: 64 Resp: 56341  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.4 38.0



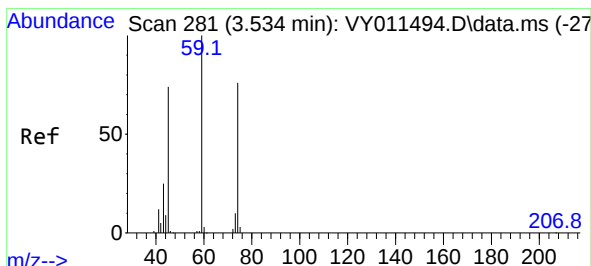
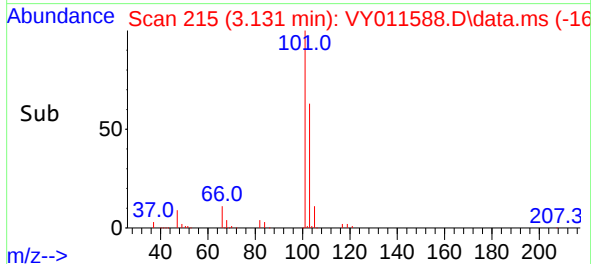
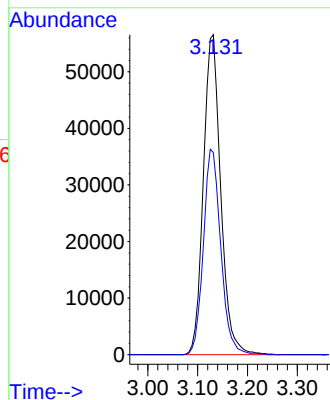


#7  
Trichlorofluoromethane  
Concen: 48.350 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

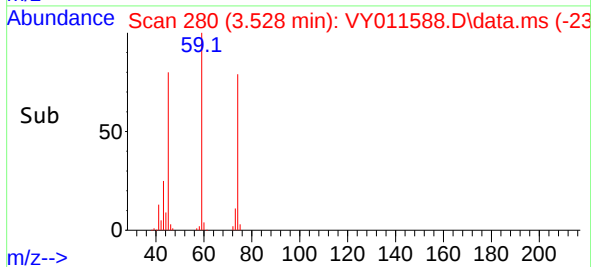
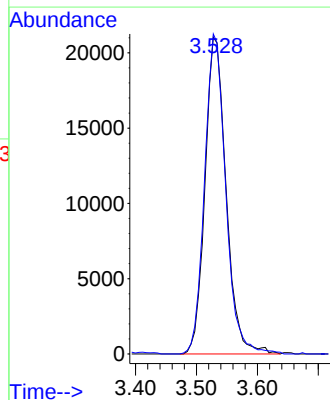
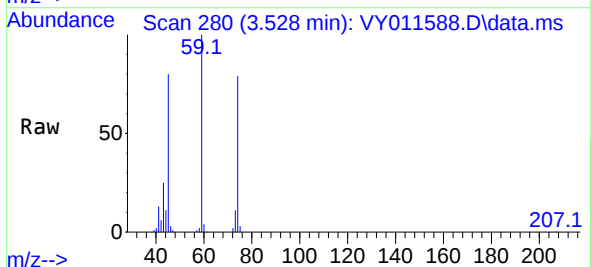


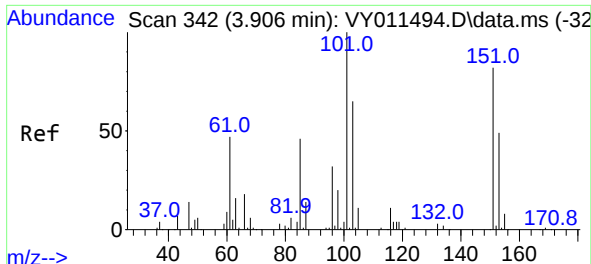
Tgt Ion:101 Resp: 136768  
Ion Ratio Lower Upper  
101 100  
103 63.2 48.0 72.0



#8  
Diethyl Ether  
Concen: 55.420 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 74 Resp: 50666  
Ion Ratio Lower Upper  
74 100  
45 101.0 55.1 165.5

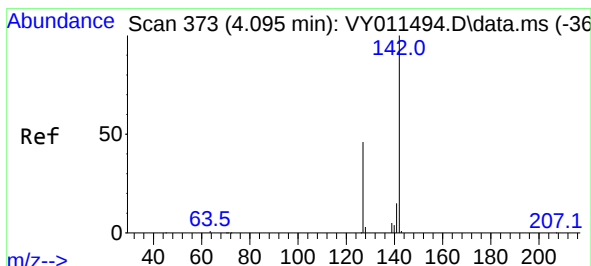
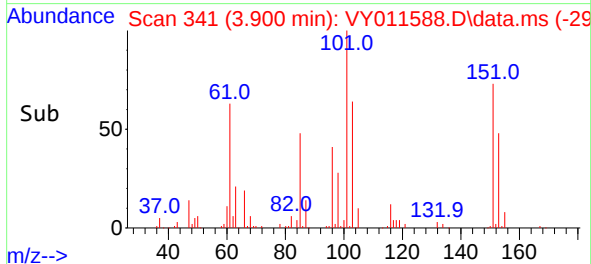
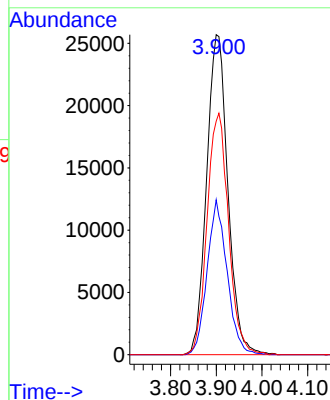
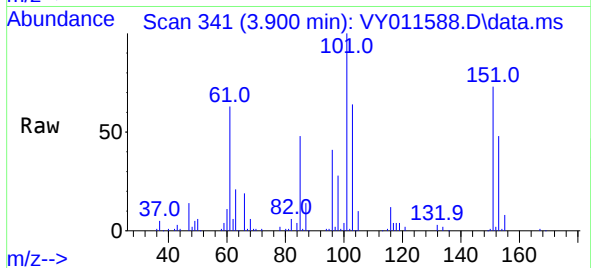




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.754 ug/l  
RT: 3.900 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

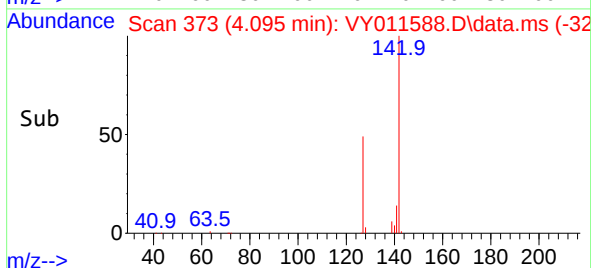
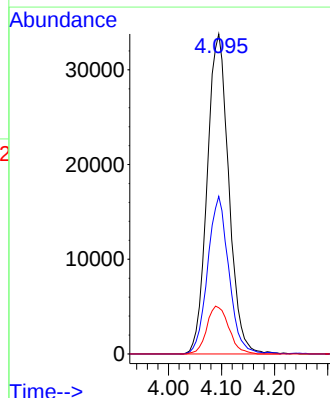
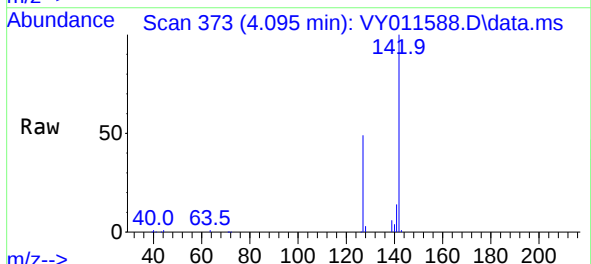
Instrument :  
MSVOA\_Y  
ClientSampleId :

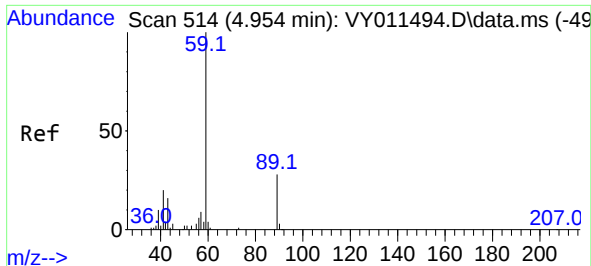
Tgt Ion:101 Resp: 83018  
Ion Ratio Lower Upper  
101 100  
85 45.4 40.6 60.8  
151 76.2 64.9 97.3



#10  
Methyl Iodide  
Concen: 50.045 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:142 Resp: 95371  
Ion Ratio Lower Upper  
142 100  
127 48.3 41.5 62.3  
141 15.3 11.9 17.9

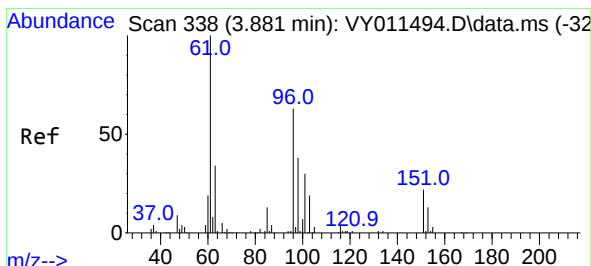
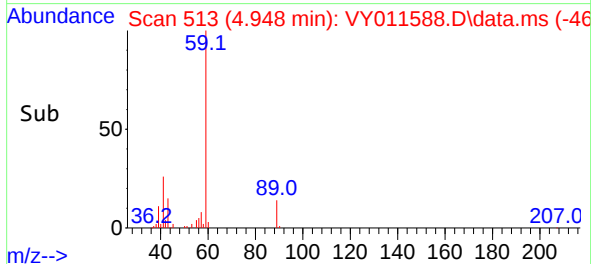
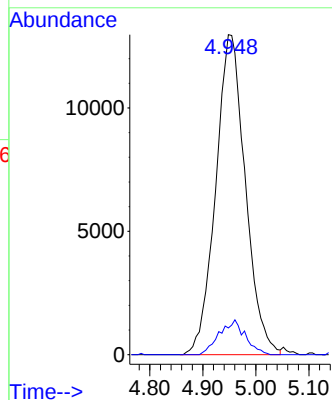
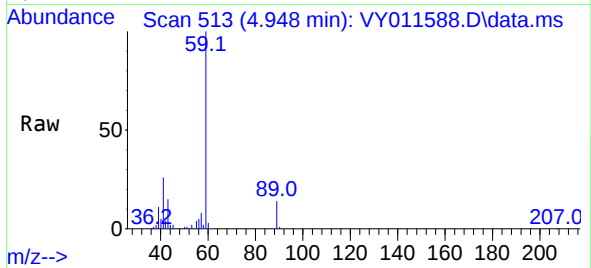




#11  
Tert butyl alcohol  
Concen: 271.169 ug/l  
RT: 4.948 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

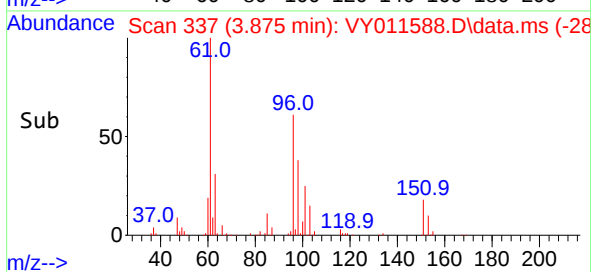
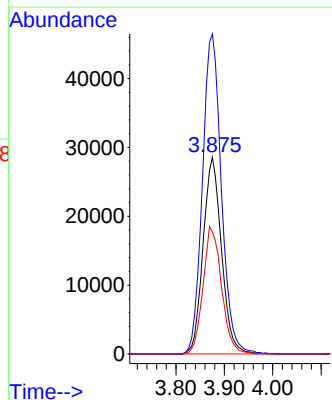
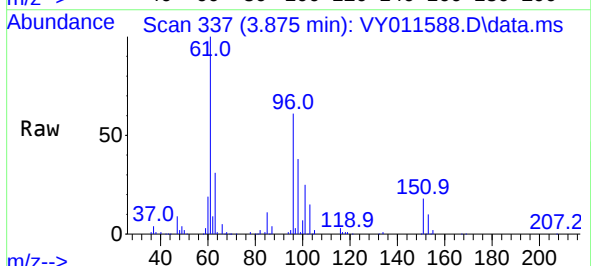
Instrument :  
MSVOA\_Y  
ClientSampleId :

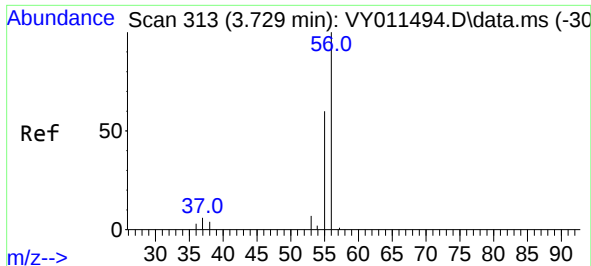
Tgt Ion: 59 Resp: 50377  
Ion Ratio Lower Upper  
59 100  
57 9.5 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 50.502 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 96 Resp: 75669  
Ion Ratio Lower Upper  
96 100  
61 162.7 145.8 218.6  
98 62.0 52.5 78.7

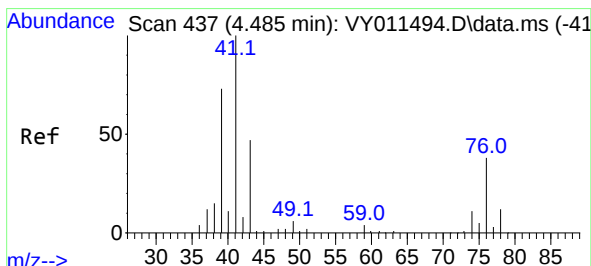
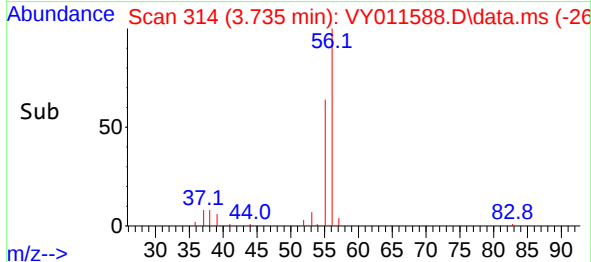
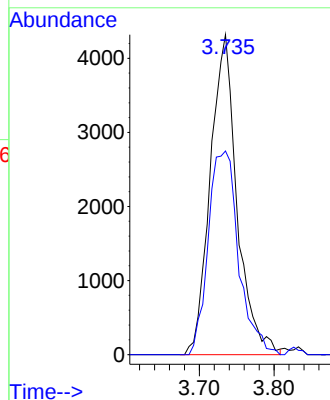
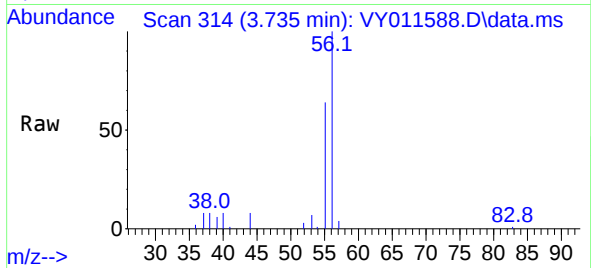




#13  
Acrolein  
Concen: 235.803 ug/l  
RT: 3.735 min Scan# 313  
Delta R.T. 0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

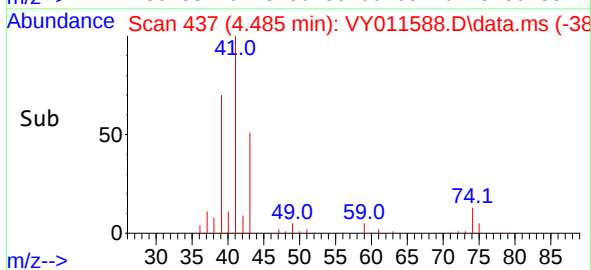
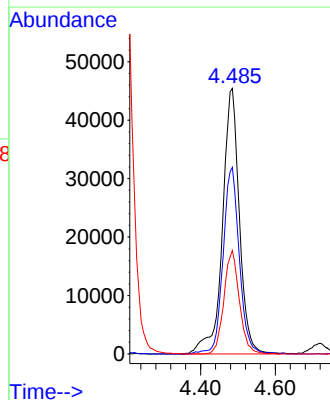
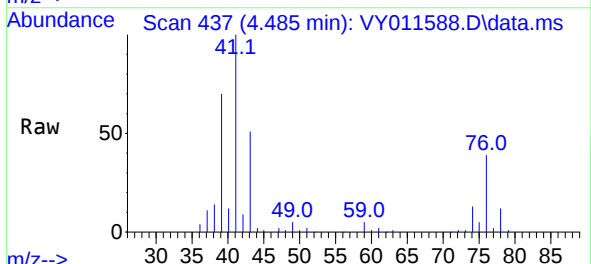
Instrument :  
MSVOA\_Y  
ClientSampleId :

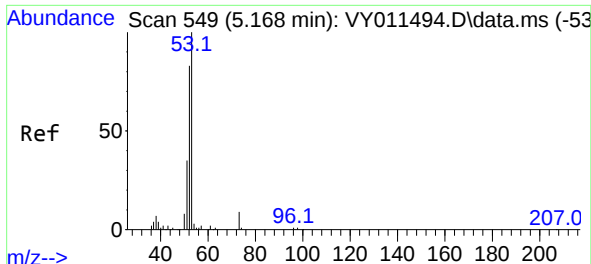
Tgt Ion: 56 Resp: 10764  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.6 86.4



#14  
Allyl chloride  
Concen: 54.387 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

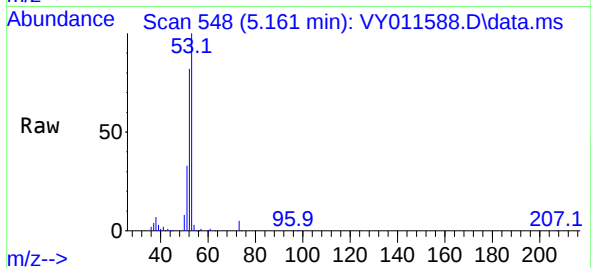
Tgt Ion: 41 Resp: 143053  
Ion Ratio Lower Upper  
41 100  
39 67.3 58.8 88.2  
76 35.5 25.1 37.7



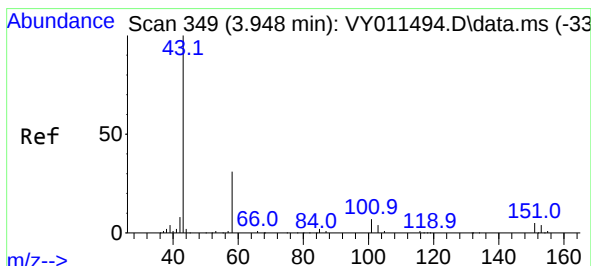
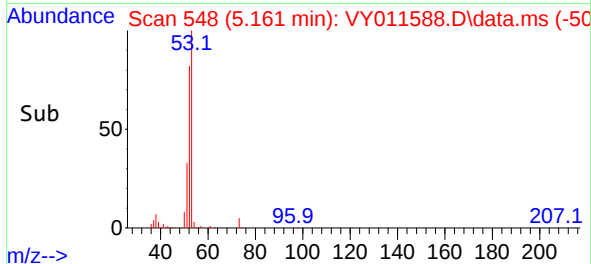
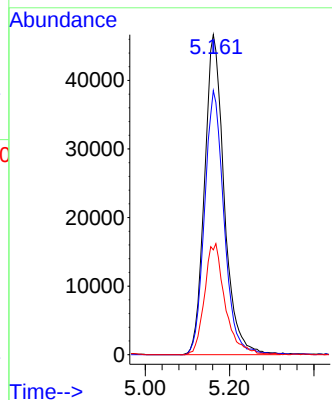


#15  
Acrylonitrile  
Concen: 303.042 ug/l  
RT: 5.161 min Scan# 549  
Delta R.T. -0.007 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

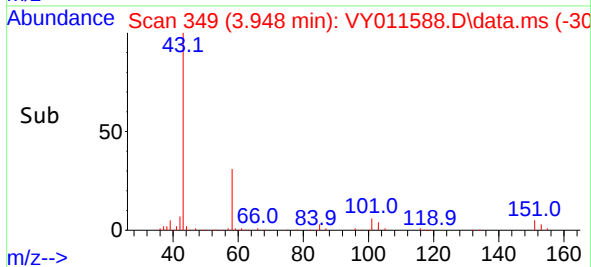
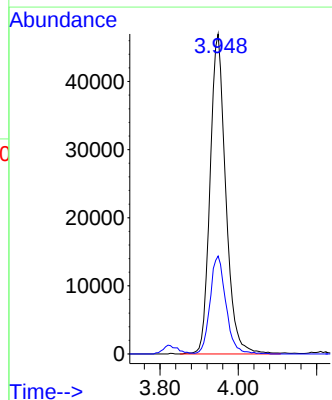
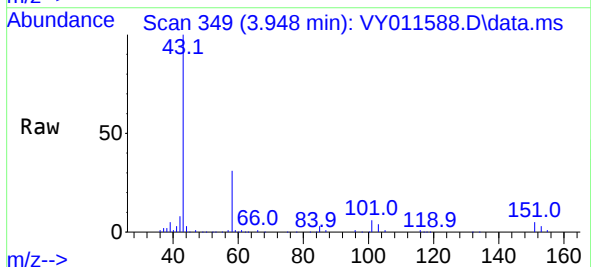


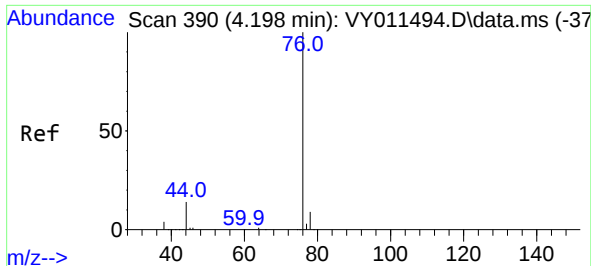
Tgt Ion: 53 Resp: 151322  
Ion Ratio Lower Upper  
53 100  
52 82.0 67.0 100.4  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 231.536 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 43 Resp: 130201  
Ion Ratio Lower Upper  
43 100  
58 30.6 22.0 33.0

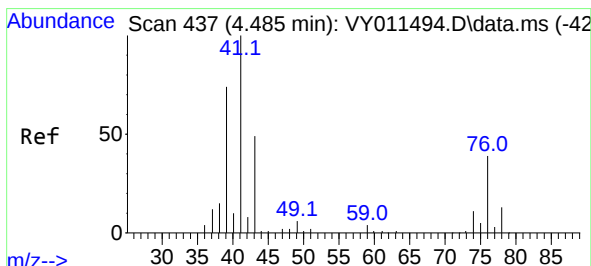
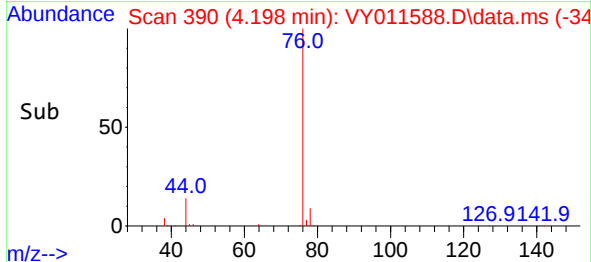
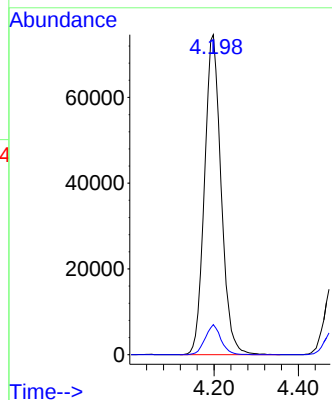
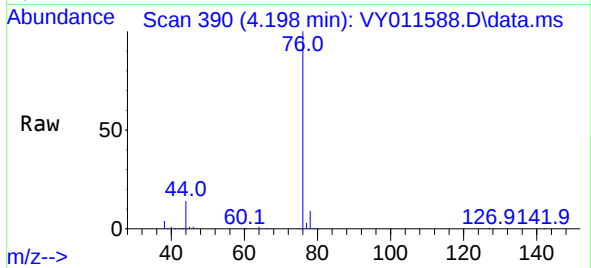




#17  
Carbon Disulfide  
Concen: 49.209 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

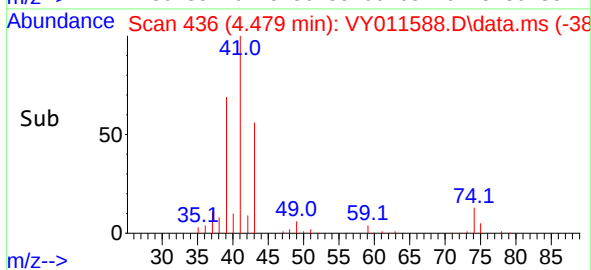
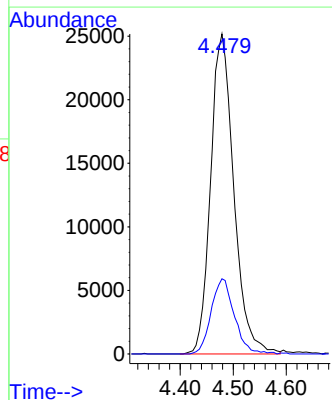
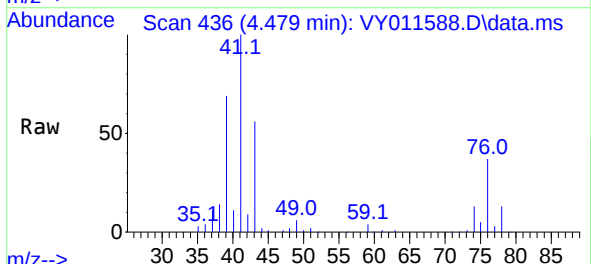
Instrument :  
MSVOA\_Y  
ClientSampleId :

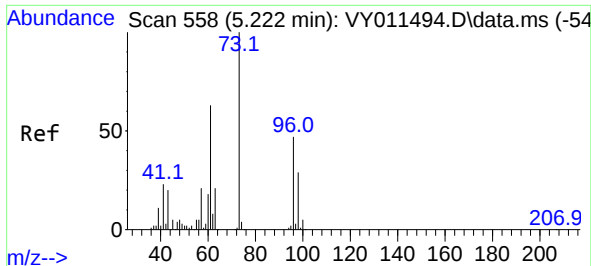
Tgt Ion: 76 Resp: 204346  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 59.302 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

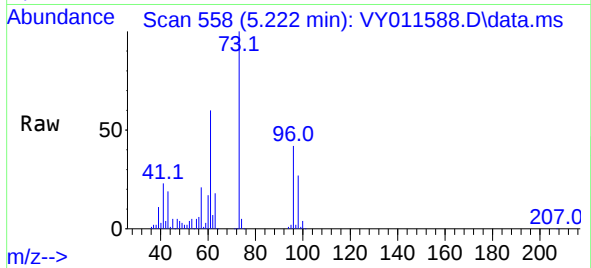
Tgt Ion: 43 Resp: 76503  
Ion Ratio Lower Upper  
43 100  
74 23.5 16.6 24.8



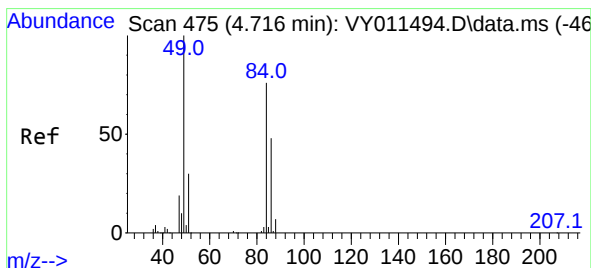
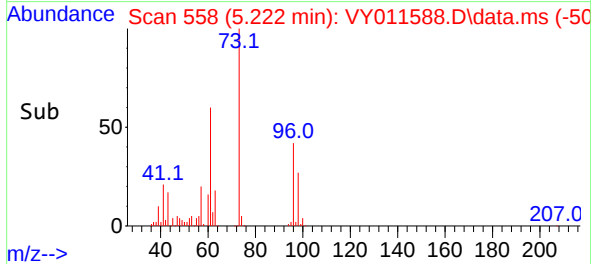
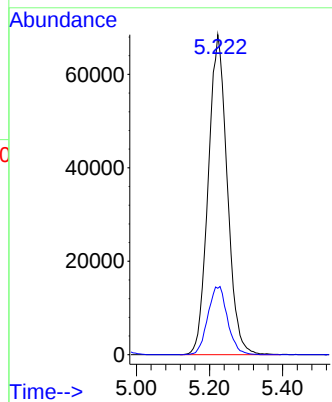


#19  
Methyl tert-butyl Ether  
Concen: 57.759 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

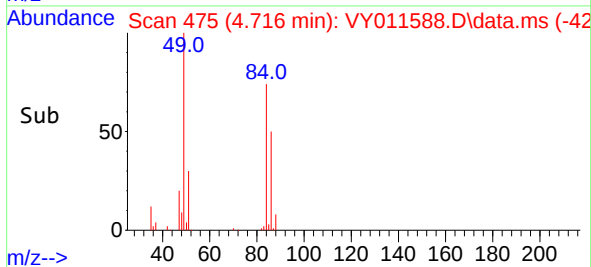
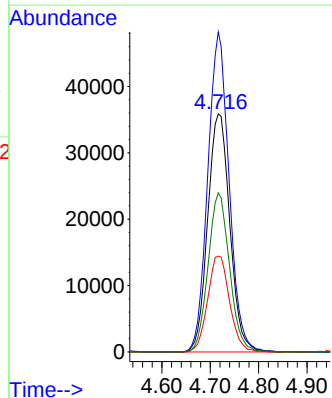
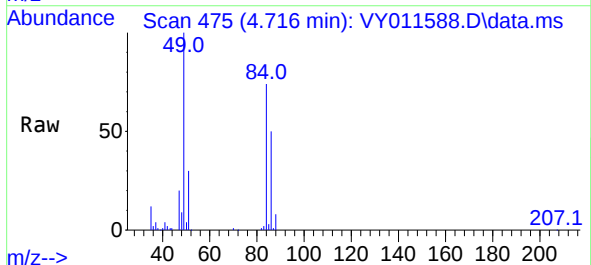


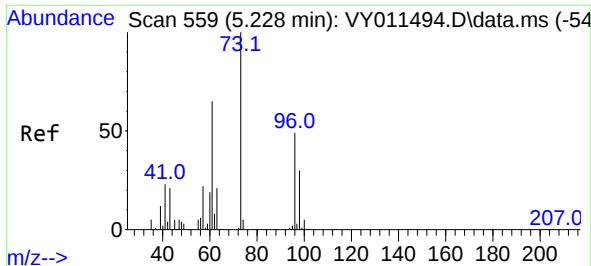
Tgt Ion: 73 Resp: 246984  
Ion Ratio Lower Upper  
73 100  
57 20.8 18.6 27.8



#20  
Methylene Chloride  
Concen: 55.352 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

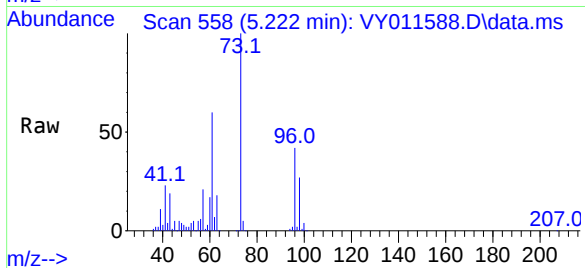
Tgt Ion: 84 Resp: 114091  
Ion Ratio Lower Upper  
84 100  
49 134.4 114.4 171.6  
51 40.2 35.3 52.9  
86 66.8 53.7 80.5



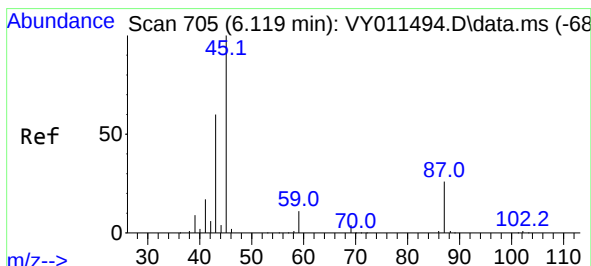
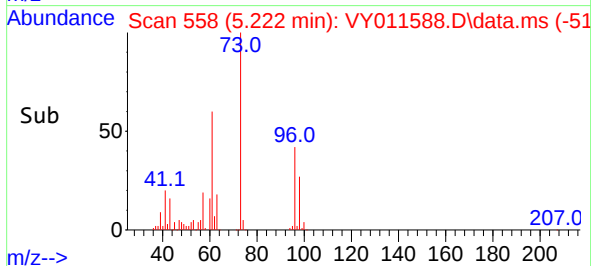
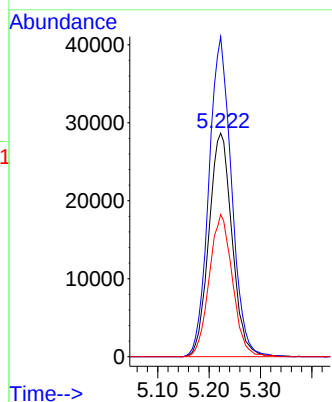


#21  
trans-1,2-Dichloroethene  
Concen: 51.818 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

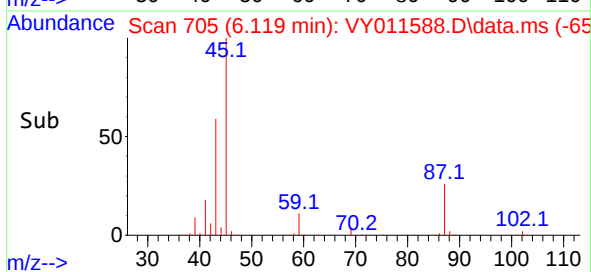
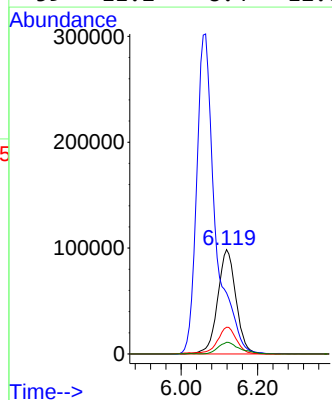
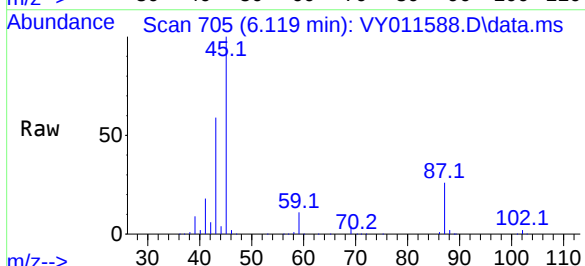


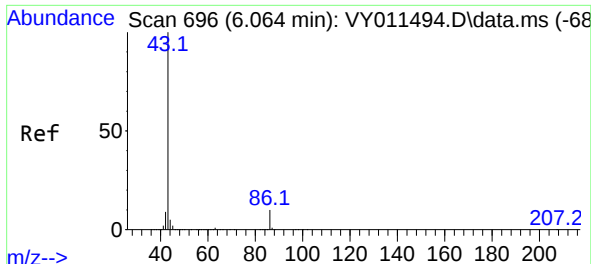
Tgt Ion: 96 Resp: 89720  
Ion Ratio Lower Upper  
96 100  
61 143.1 120.5 180.7  
98 63.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 56.940 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

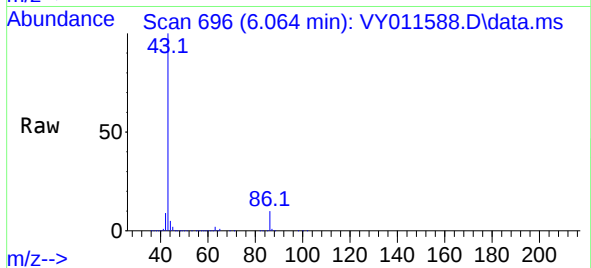
Tgt Ion: 45 Resp: 326916  
Ion Ratio Lower Upper  
45 100  
43 58.1 49.3 73.9  
87 25.7 19.2 28.8  
59 11.2 8.4 12.6



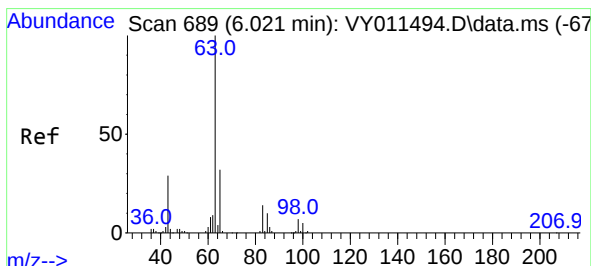
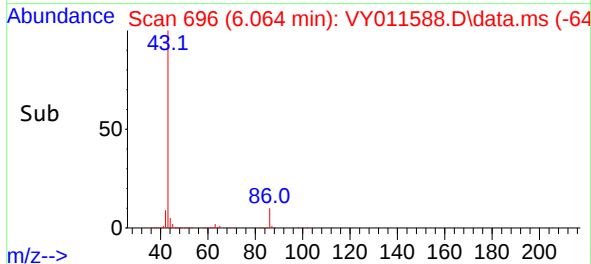
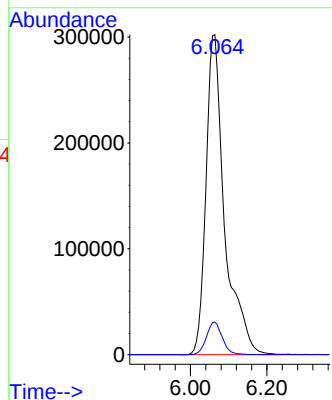


#23  
 Vinyl Acetate  
 Concen: 305.622 ug/l  
 RT: 6.064 min Scan# 696  
 Delta R.T. -0.000 min  
 Lab File: VY011588.D  
 Acq: 23 Nov 2022 20:14

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

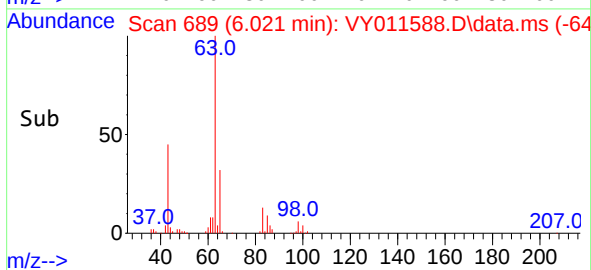
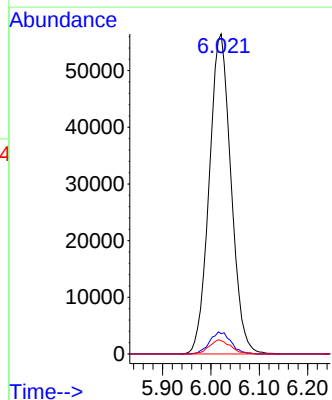
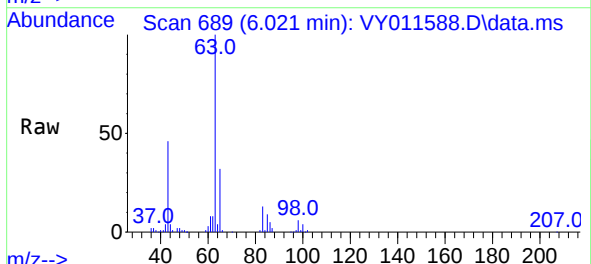


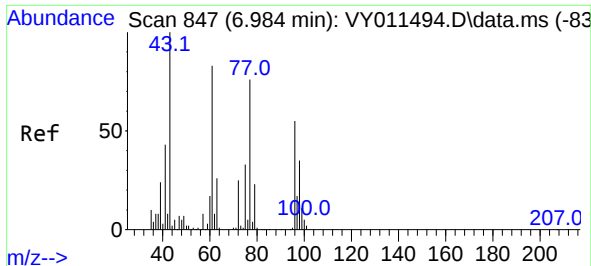
Tgt Ion: 43 Resp: 1022130  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 52.439 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY011588.D  
 Acq: 23 Nov 2022 20:14

Tgt Ion: 63 Resp: 176773  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.6 10.8  
 100 4.1 2.0 5.8

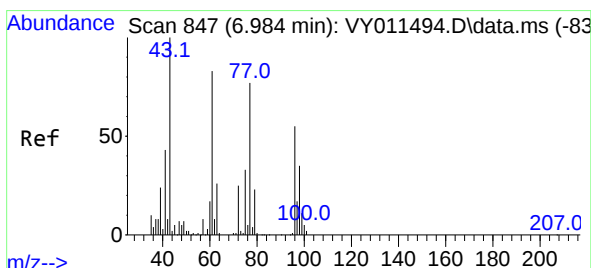
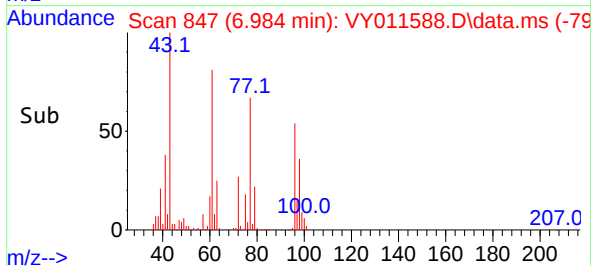
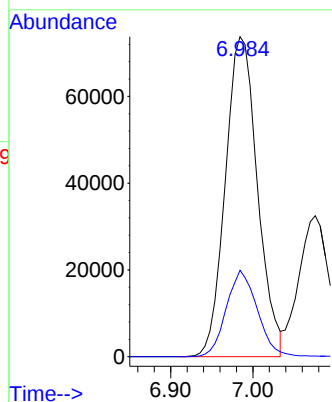
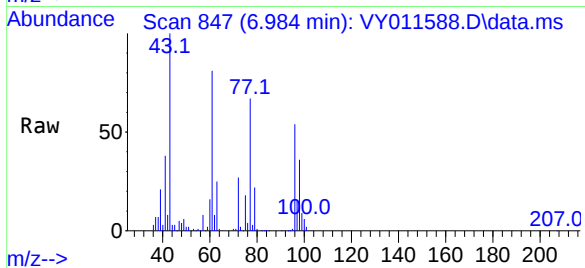




#25  
2-Butanone  
Concen: 270.975 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

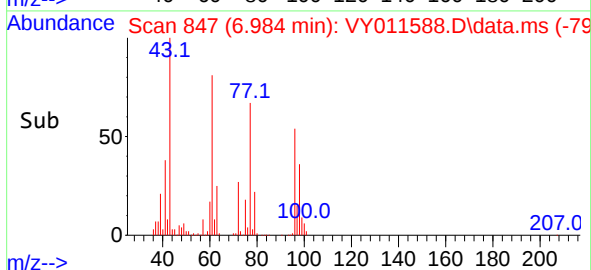
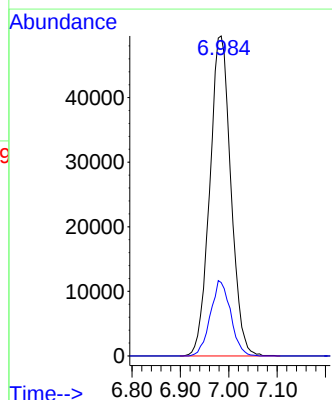
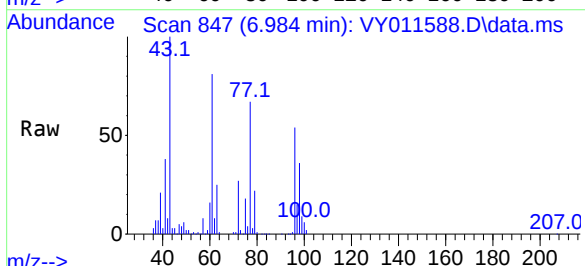
Instrument :  
MSVOA\_Y  
ClientSampleId :

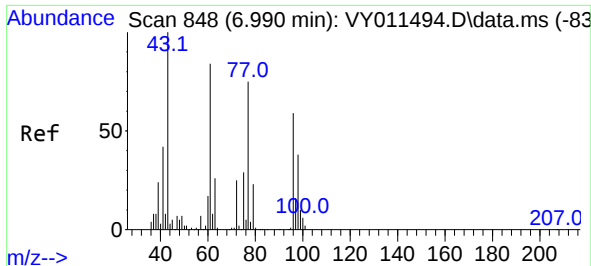
Tgt Ion: 43 Resp: 200259  
Ion Ratio Lower Upper  
43 100  
72 27.0 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 48.210 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

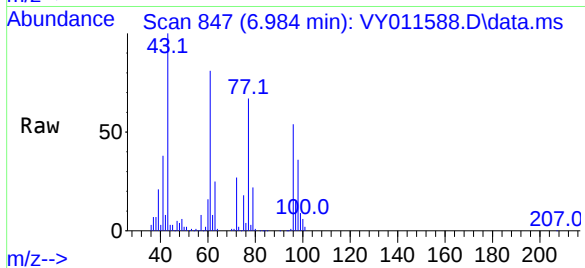
Tgt Ion: 77 Resp: 149992  
Ion Ratio Lower Upper  
77 100  
97 22.6 10.4 31.4





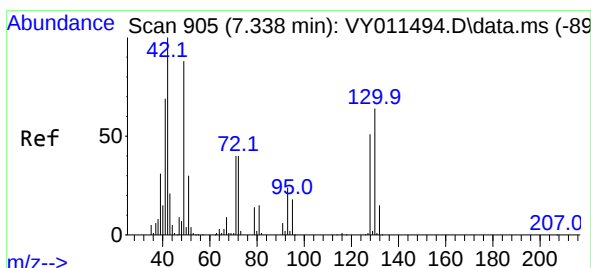
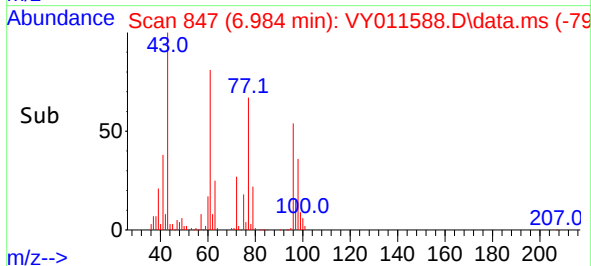
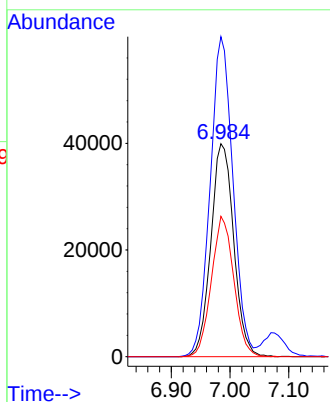
#27  
 cis-1,2-Dichloroethene  
 Concen: 53.009 ug/l  
 RT: 6.984 min Scan# 84  
 Delta R.T. -0.006 min  
 Lab File: VY011588.D  
 Acq: 23 Nov 2022 20:14

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 108052  

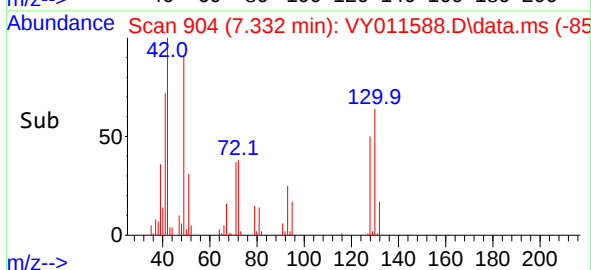
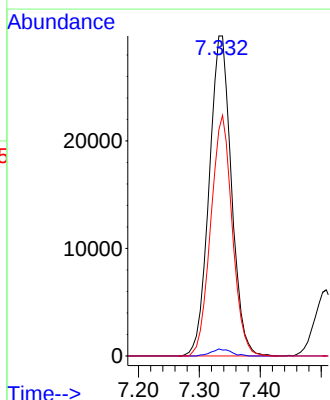
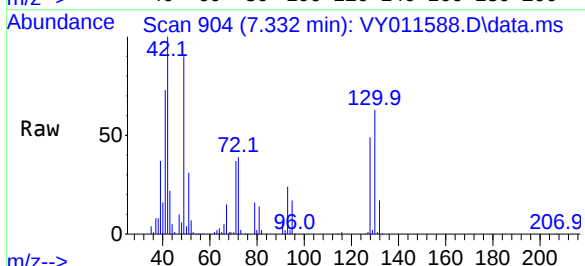
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 149.6 | 0.0   | 319.8 |
| 98  | 64.5  | 0.0   | 127.0 |

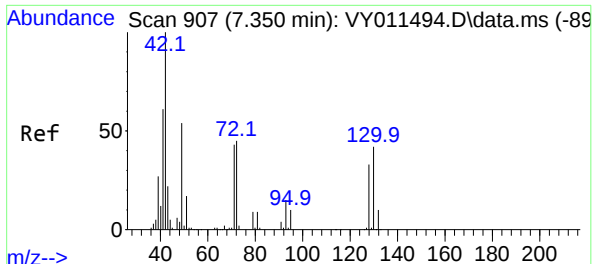


#28  
 Bromochloromethane  
 Concen: 55.801 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. -0.006 min  
 Lab File: VY011588.D  
 Acq: 23 Nov 2022 20:14

Tgt Ion: 49 Resp: 75569  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.0   | 0.0   | 2.2   |
| 130 | 72.6  | 55.4  | 83.0  |

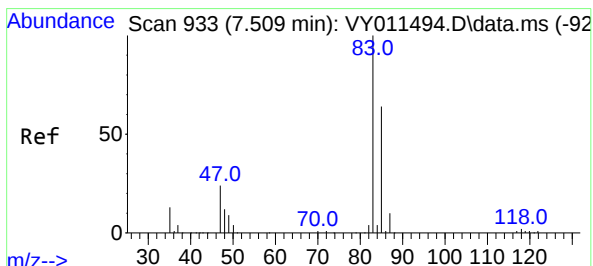
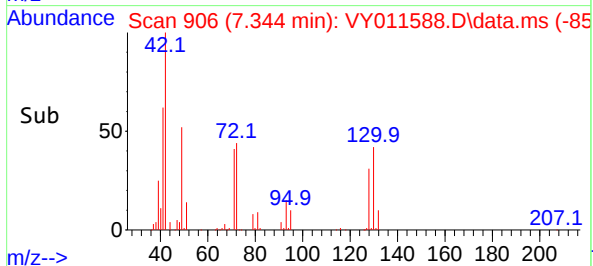
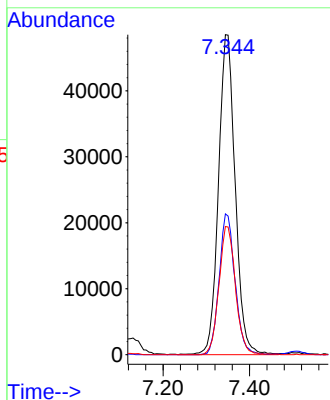
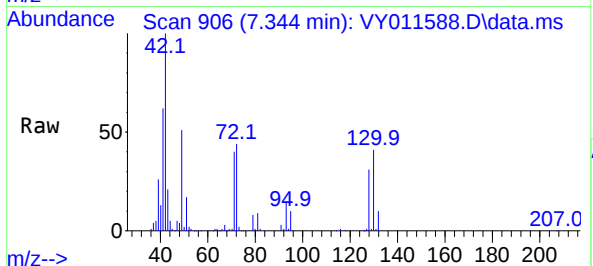




#29  
Tetrahydrofuran  
Concen: 312.080 ug/l  
RT: 7.344 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

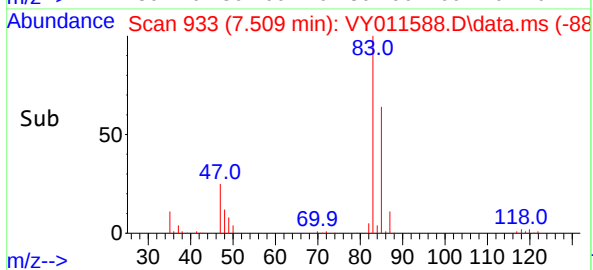
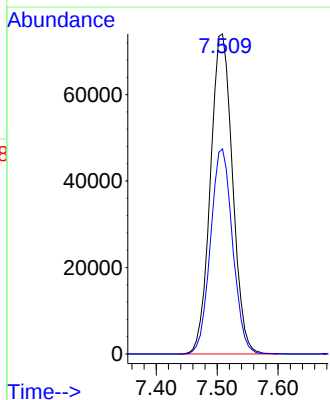
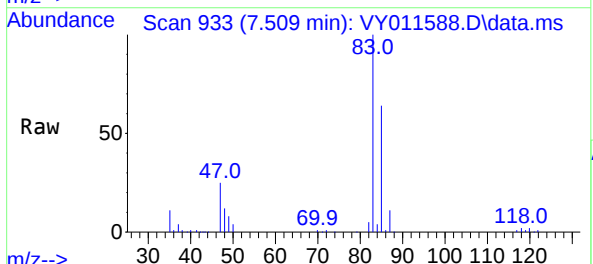
Instrument :  
MSVOA\_Y  
ClientSampleId :

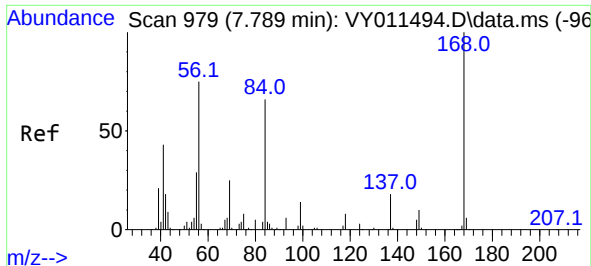
Tgt Ion: 42 Resp: 130249  
Ion Ratio Lower Upper  
42 100  
72 41.9 30.3 45.5  
71 39.6 29.0 43.4



#30  
Chloroform  
Concen: 53.385 ug/l  
RT: 7.509 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

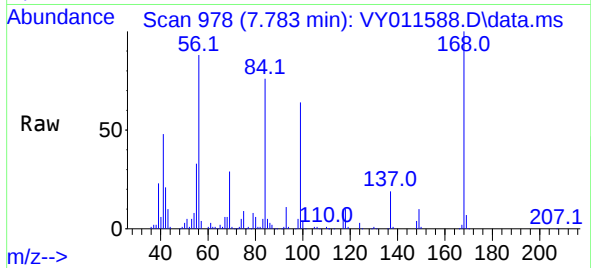
Tgt Ion: 83 Resp: 186628  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.8 77.6



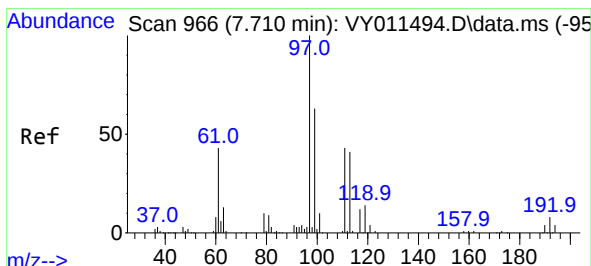
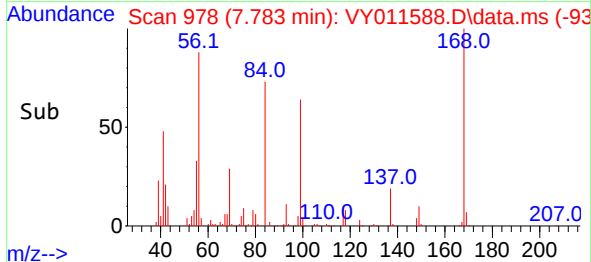
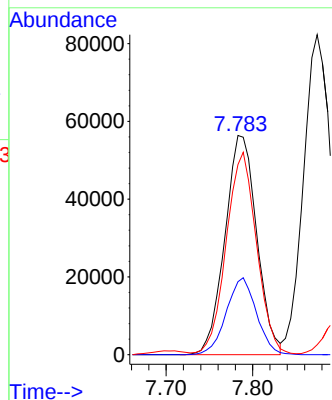


#31  
Cyclohexane  
Concen: 50.159 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

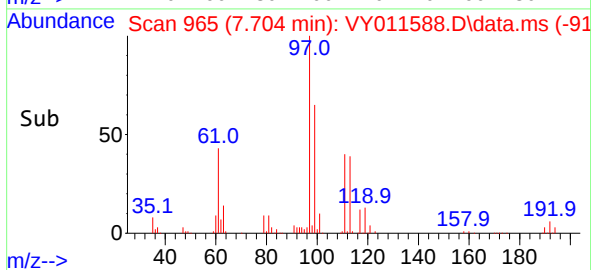
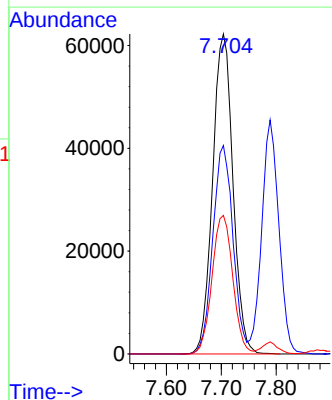
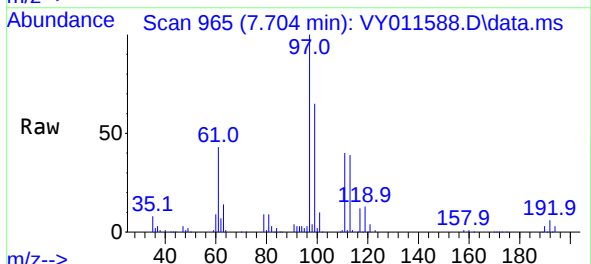


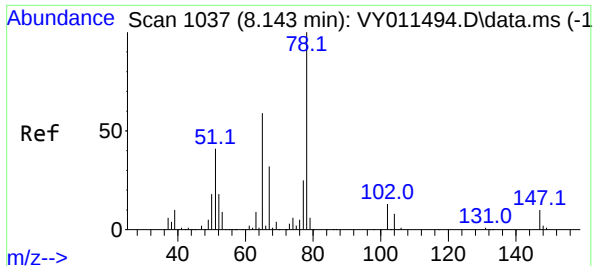
Tgt Ion: 56 Resp: 143934  
Ion Ratio Lower Upper  
56 100  
69 33.3 26.7 40.1  
84 85.4 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 51.154 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 97 Resp: 159975  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.7 76.1  
61 44.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 54.872 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011588.D

Acq: 23 Nov 2022 20:14

Instrument :

MSVOA\_Y

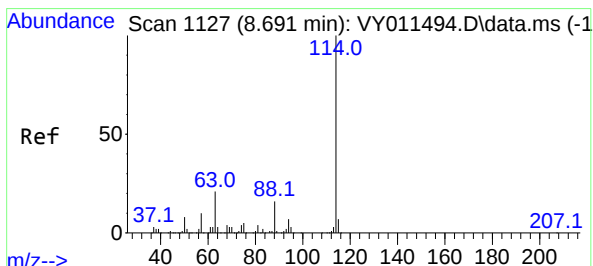
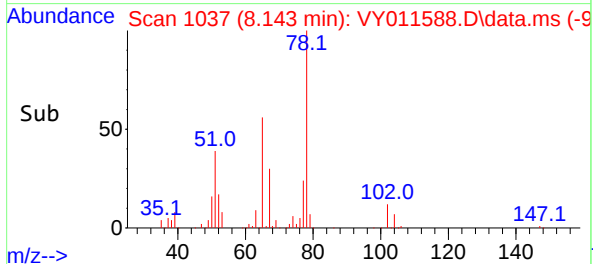
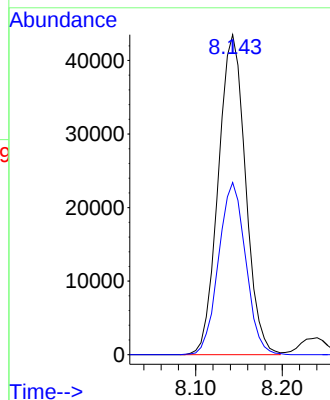
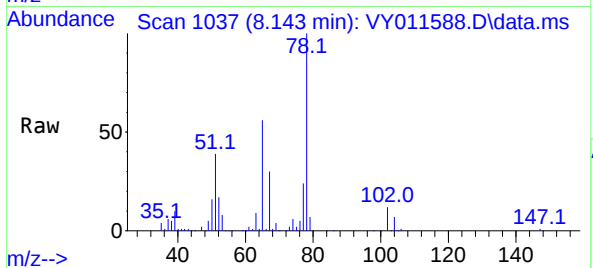
ClientSampleId :

Tgt Ion: 65 Resp: 94996

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011588.D

Acq: 23 Nov 2022 20:14

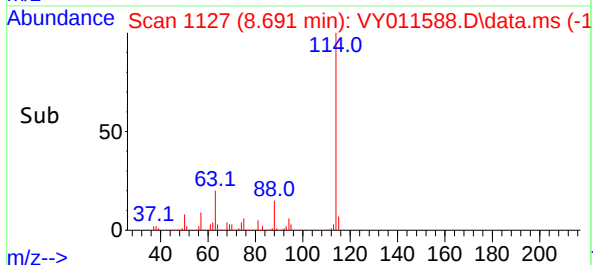
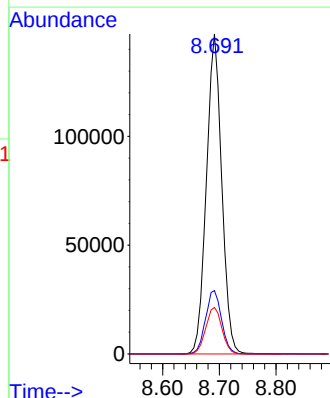
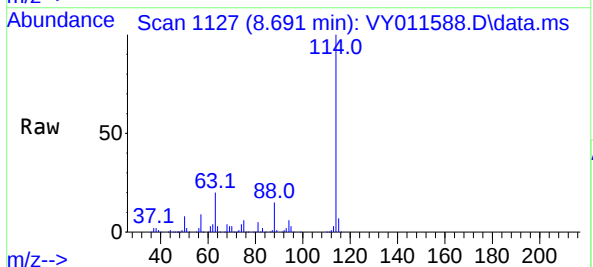
Tgt Ion: 114 Resp: 275917

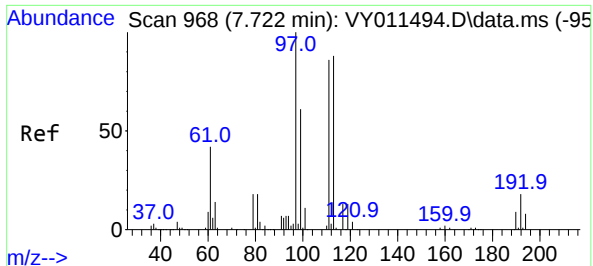
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.6 0.0 31.8

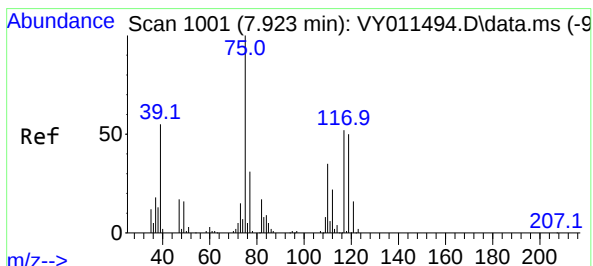
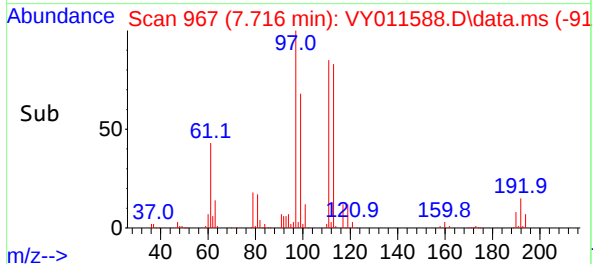
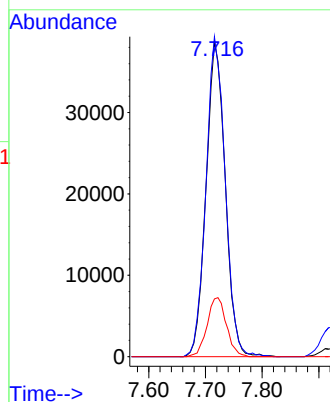
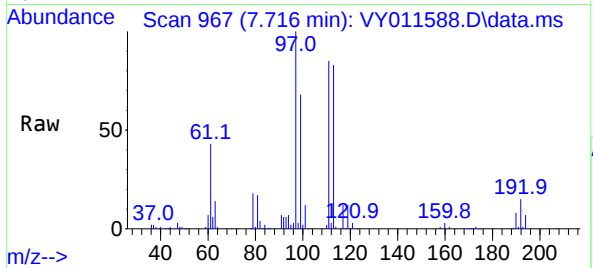




#35  
Dibromofluoromethane  
Concen: 53.478 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

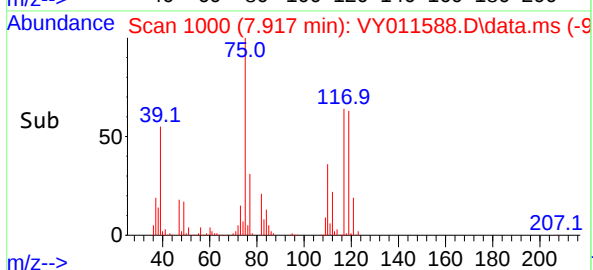
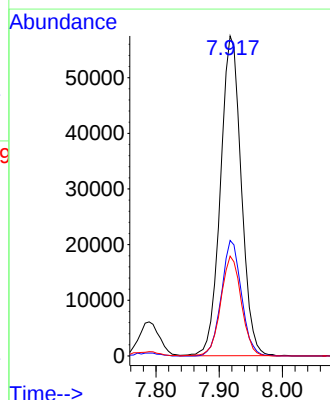
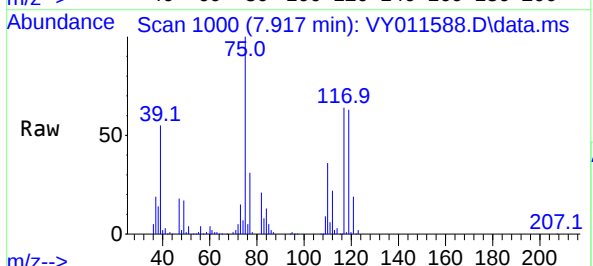
Instrument :  
MSVOA\_Y  
ClientSampleId :

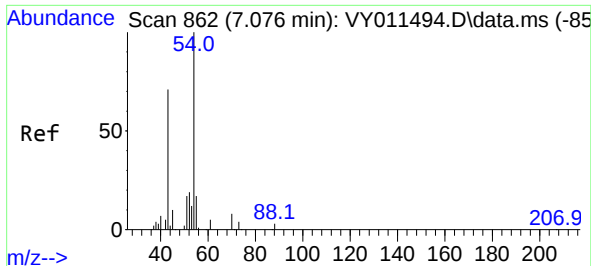
Tgt Ion:113 Resp: 90833  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.6 124.0  
192 18.9 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 49.266 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

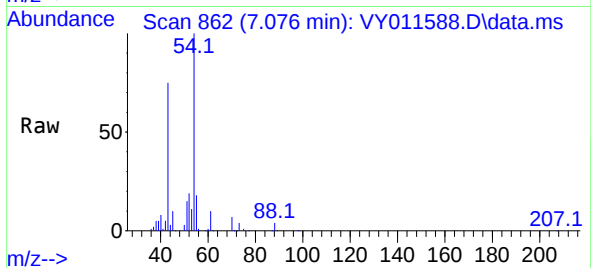
Tgt Ion: 75 Resp: 130803  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.1 51.2  
77 30.9 24.4 36.6



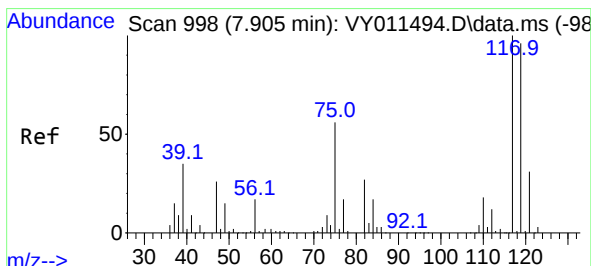
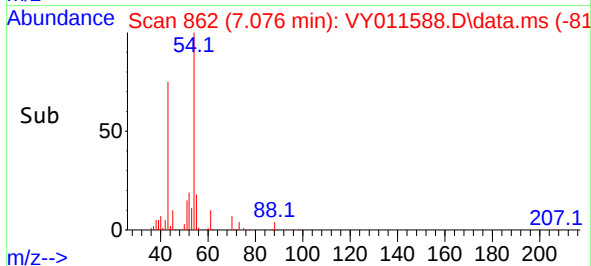
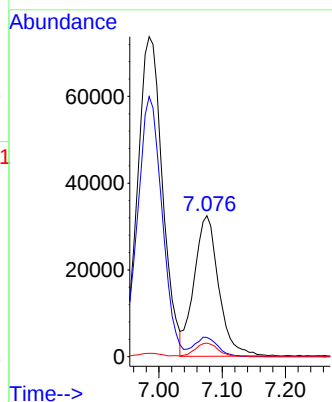


#37  
Ethyl Acetate  
Concen: 58.247 ug/l  
RT: 7.076 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

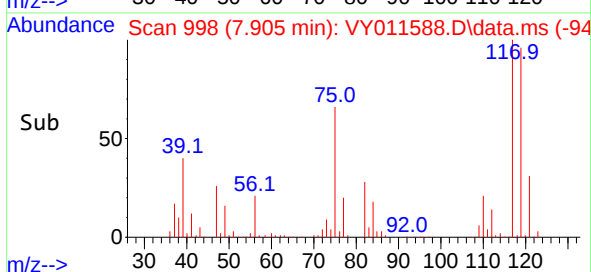
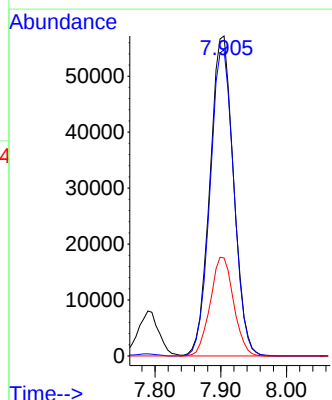
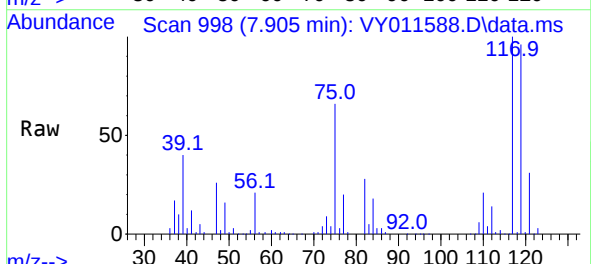


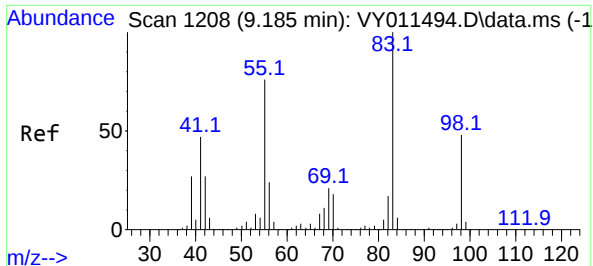
Tgt Ion: 43 Resp: 88061  
Ion Ratio Lower Upper  
43 100  
61 13.0 9.7 14.5  
70 9.1 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 48.183 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

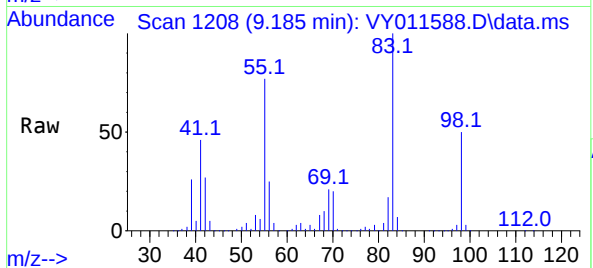
Tgt Ion: 117 Resp: 143125  
Ion Ratio Lower Upper  
117 100  
119 95.7 77.9 116.9  
121 30.7 24.8 37.2



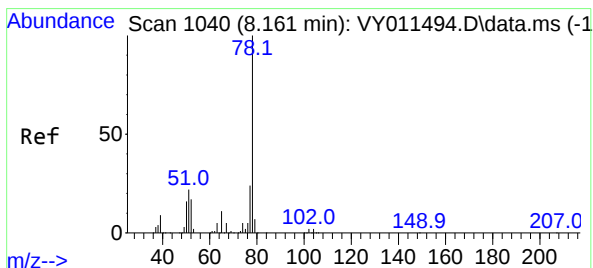
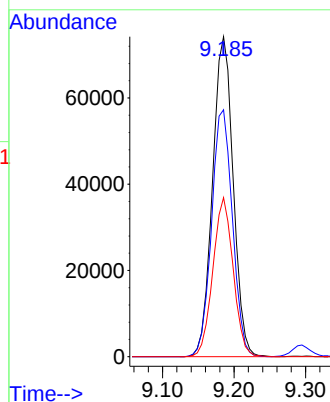
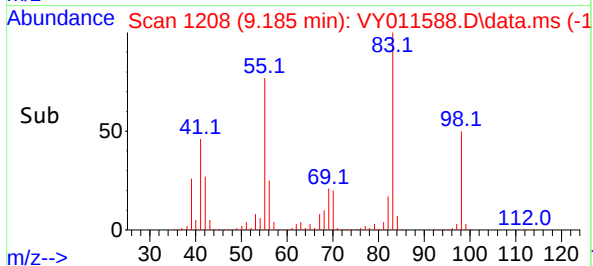


#39  
Methylcyclohexane  
Concen: 50.159 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

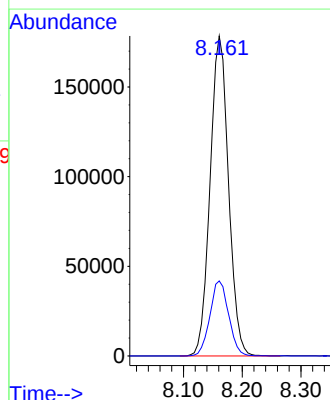
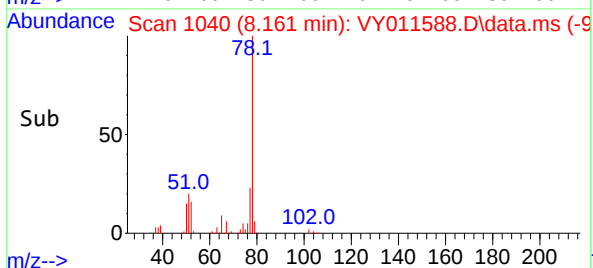
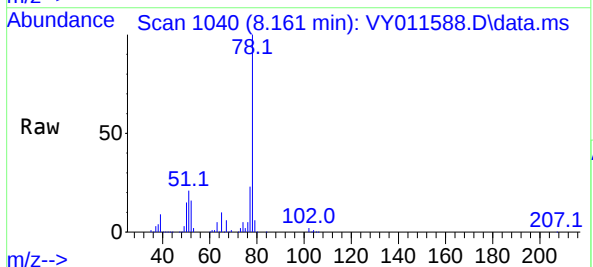


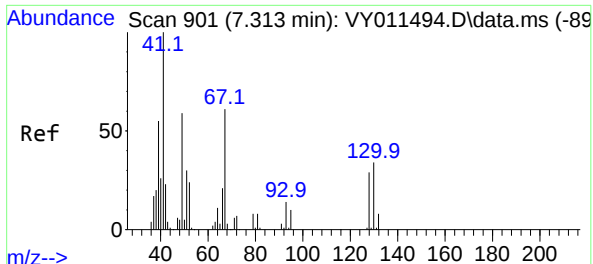
Tgt Ion: 83 Resp: 148617  
Ion Ratio Lower Upper  
83 100  
55 77.1 66.5 99.7  
98 49.7 37.9 56.9



#40  
Benzene  
Concen: 50.323 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

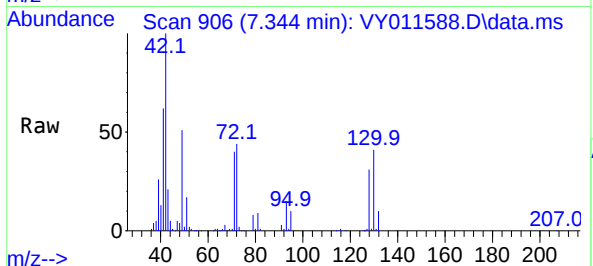
Tgt Ion: 78 Resp: 389197  
Ion Ratio Lower Upper  
78 100  
77 23.4 20.4 30.6



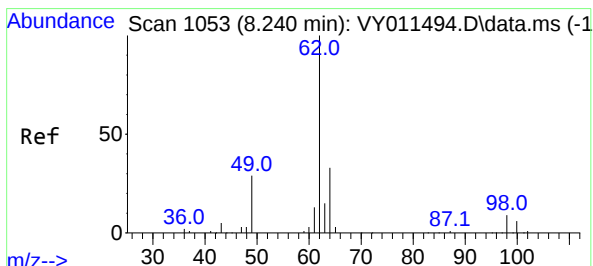
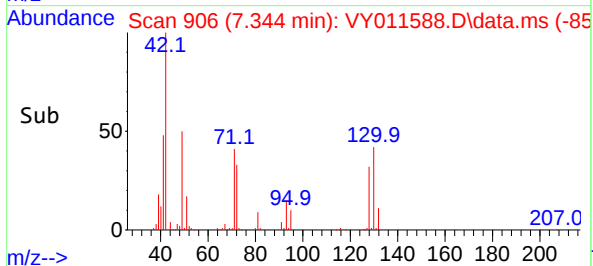
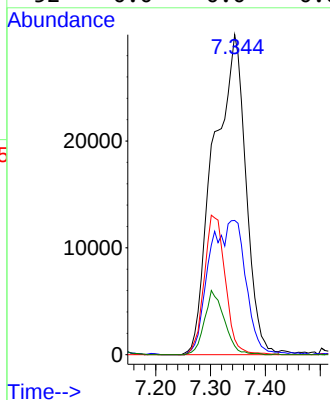


#41  
Methacrylonitrile  
Concen: 159.486 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.031 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

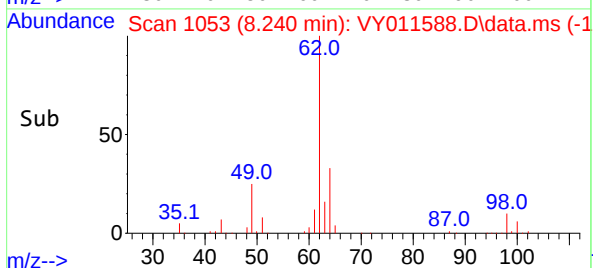
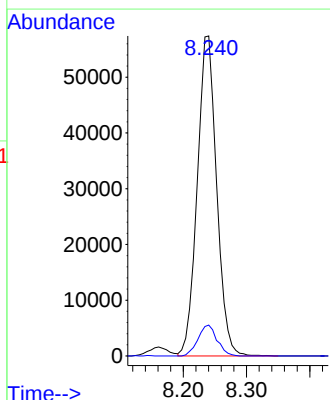
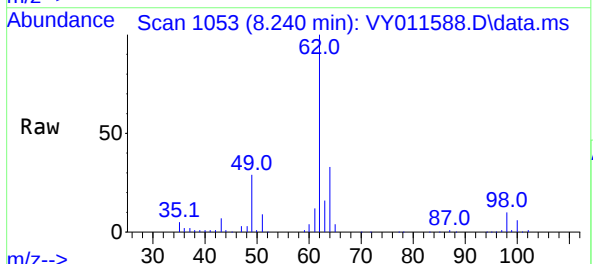


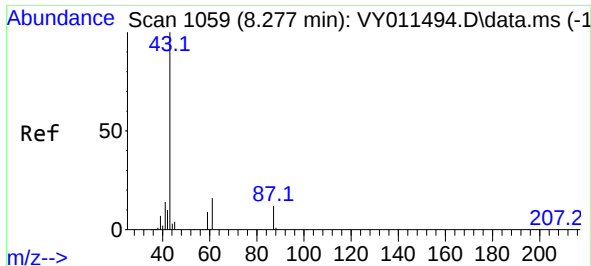
Tgt Ion: 41 Resp: 121912  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.313 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 62 Resp: 122733  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 14.8

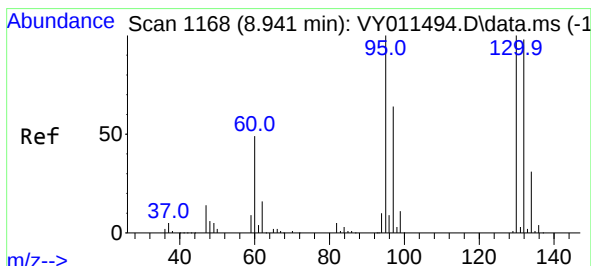
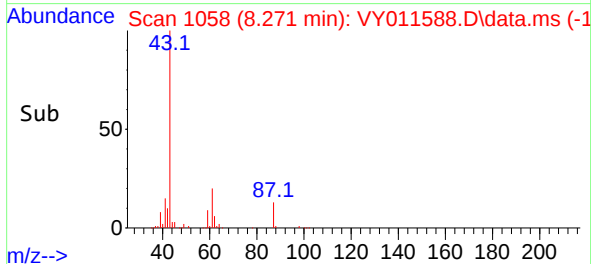
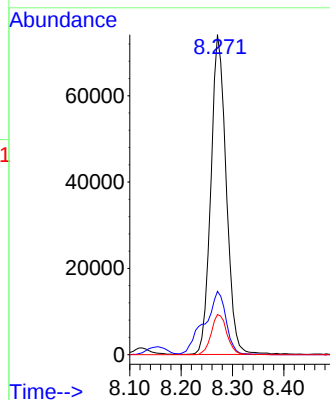
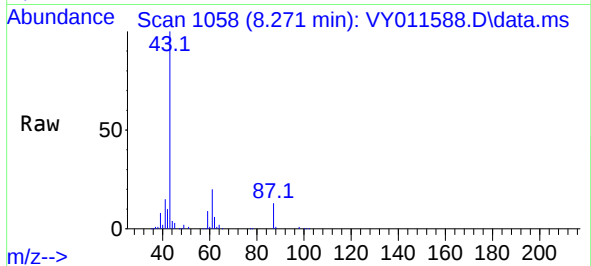




#43  
Isopropyl Acetate  
Concen: 56.248 ug/l  
RT: 8.271 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

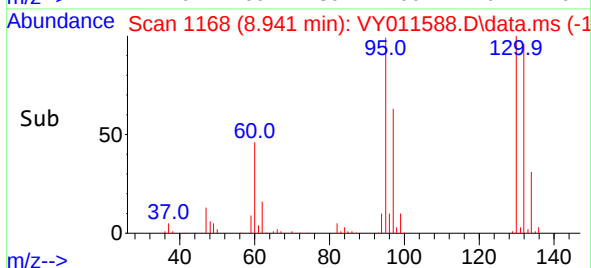
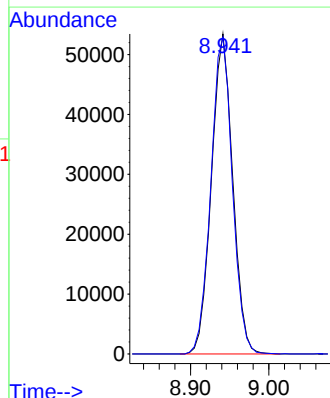
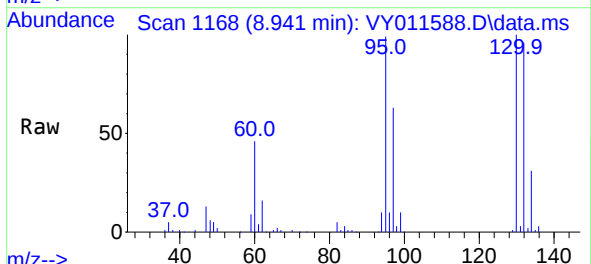
Instrument :  
MSVOA\_Y  
ClientSampleId :

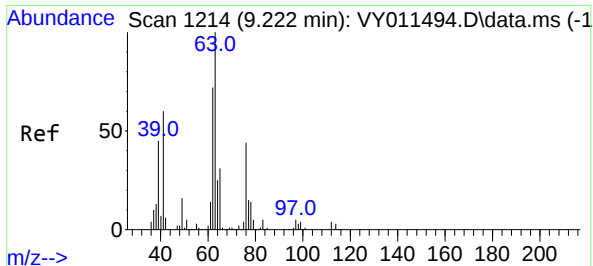
Tgt Ion: 43 Resp: 153408  
Ion Ratio Lower Upper  
43 100  
61 27.7 20.2 30.2  
87 12.9 8.9 13.3



#44  
Trichloroethene  
Concen: 48.406 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:130 Resp: 100726  
Ion Ratio Lower Upper  
130 100  
95 98.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.203 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011588.D

Acq: 23 Nov 2022 20:14

Instrument :

MSVOA\_Y

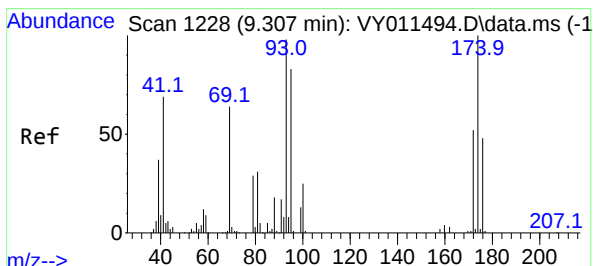
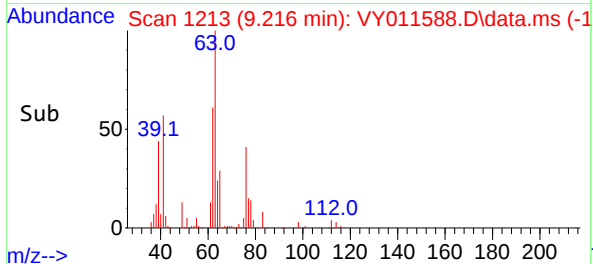
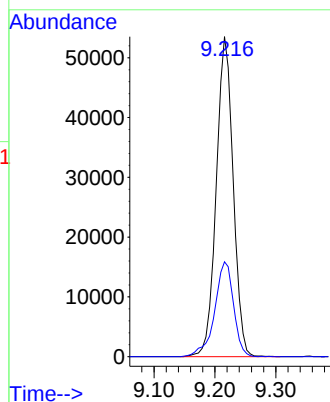
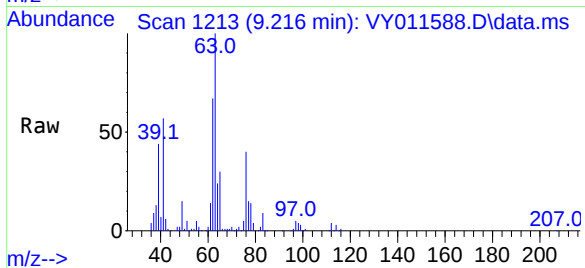
ClientSampleId :

Tgt Ion: 63 Resp: 103198

Ion Ratio Lower Upper

63 100

65 29.7 23.0 34.6



#46

Dibromomethane

Concen: 52.526 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011588.D

Acq: 23 Nov 2022 20:14

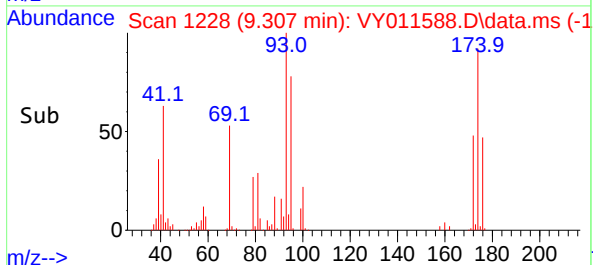
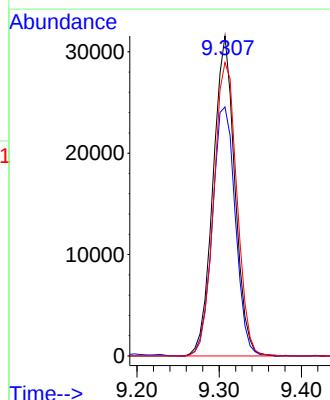
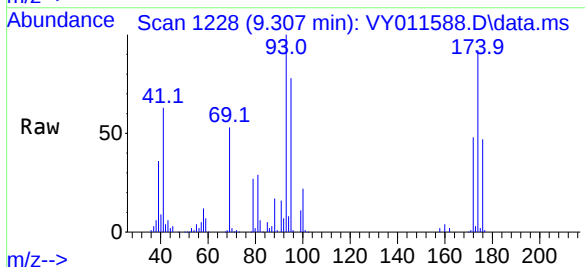
Tgt Ion: 93 Resp: 58059

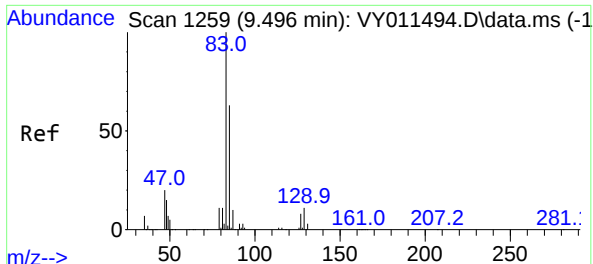
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 97.1 83.4 125.0

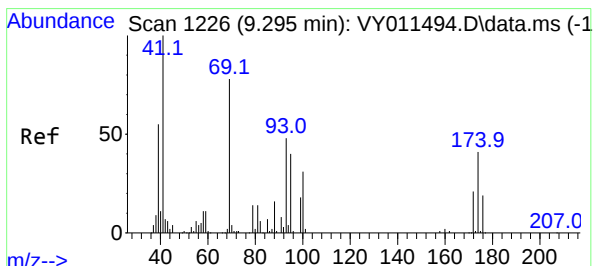
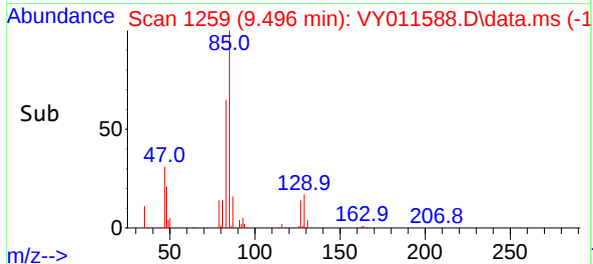
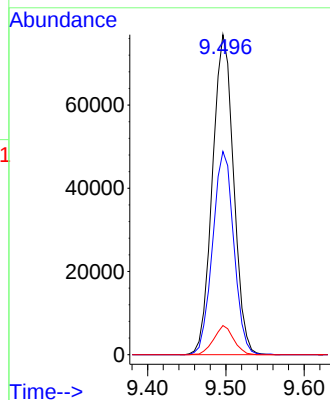
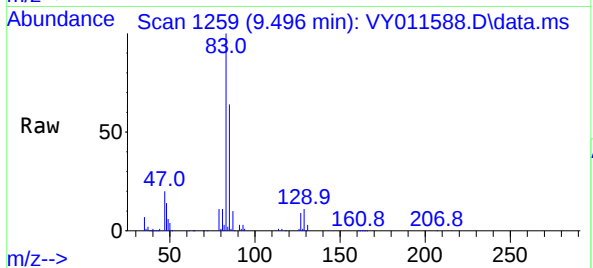




#47  
Bromodichloromethane  
Concen: 51.792 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

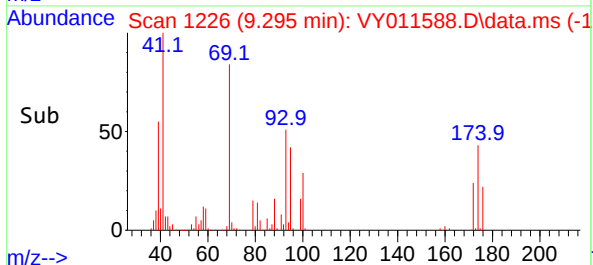
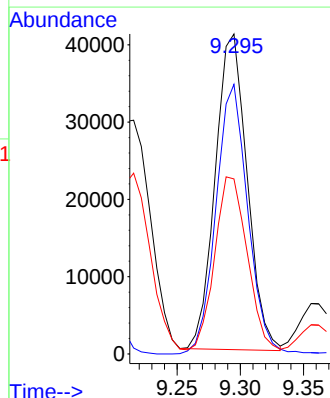
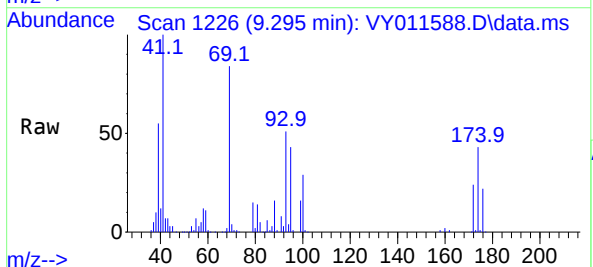
Instrument :  
MSVOA\_Y  
ClientSampleId :

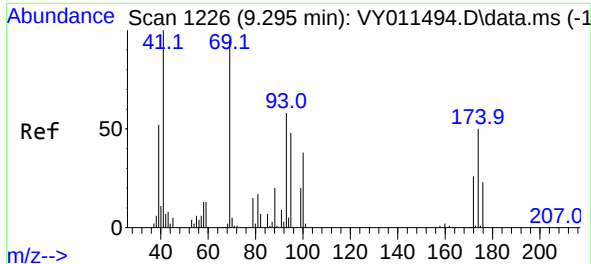
Tgt Ion: 83 Resp: 144199  
Ion Ratio Lower Upper  
83 100  
85 63.5 51.9 77.9  
127 9.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 59.097 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 41 Resp: 71592  
Ion Ratio Lower Upper  
41 100  
69 85.7 58.2 87.2  
39 58.2 47.4 71.0

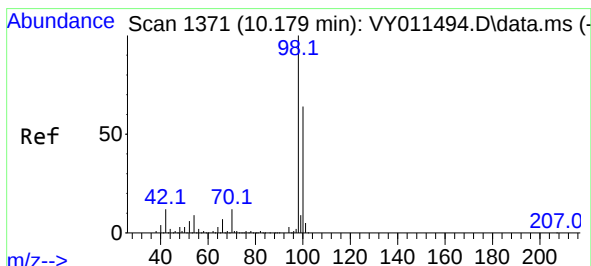
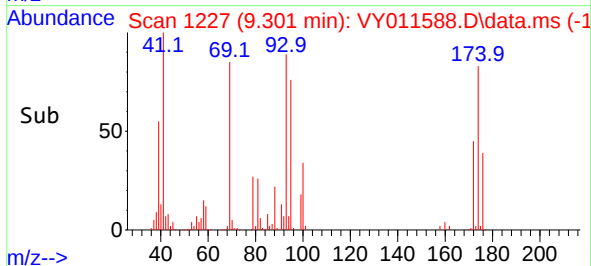
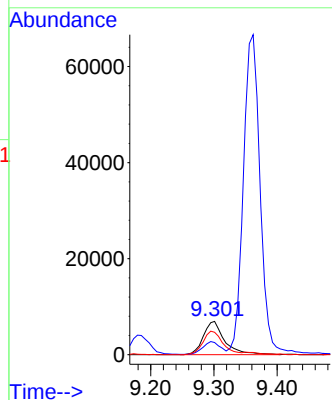
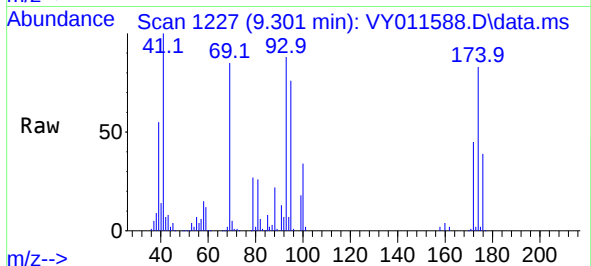




#49  
1,4-Dioxane  
Concen: 1190.042 ug/l  
RT: 9.301 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

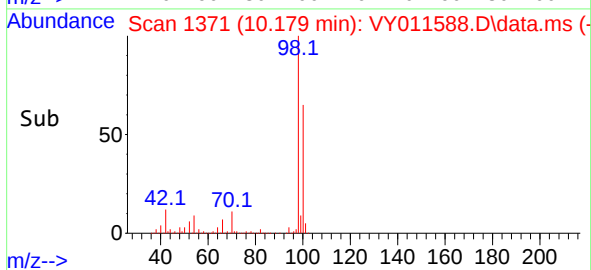
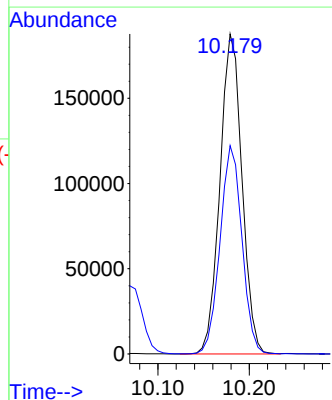
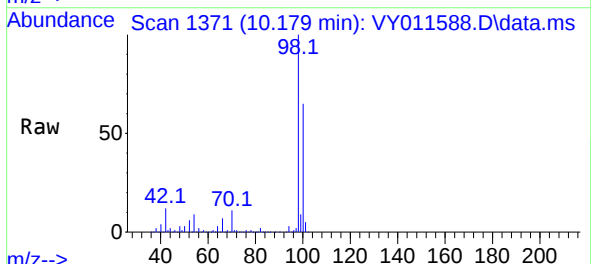
Instrument :  
MSVOA\_Y  
ClientSampleId :

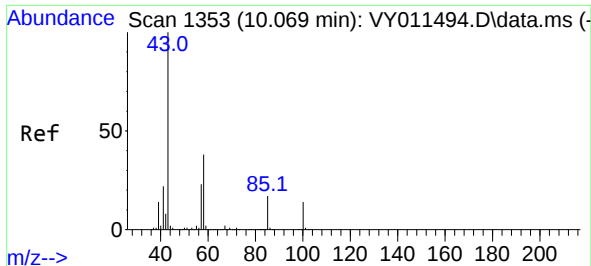
Tgt Ion: 88 Resp: 16290  
Ion Ratio Lower Upper  
88 100  
43 31.5 32.8 49.2#  
58 65.9 59.8 89.6



#50  
Toluene-d8  
Concen: 51.036 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 98 Resp: 315006  
Ion Ratio Lower Upper  
98 100  
100 64.7 50.2 75.2

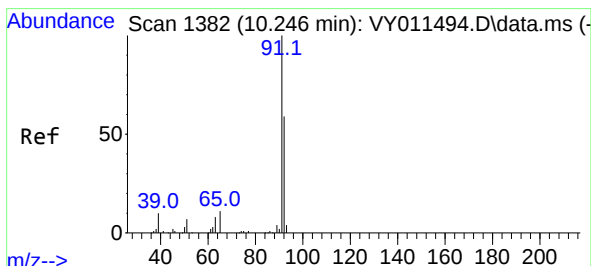
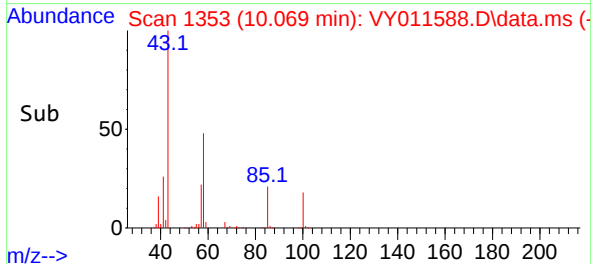
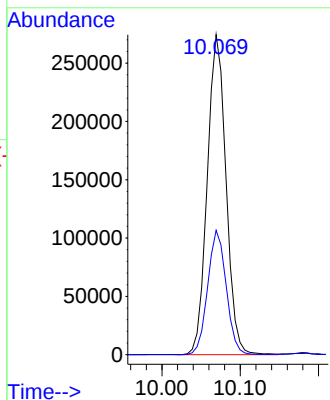
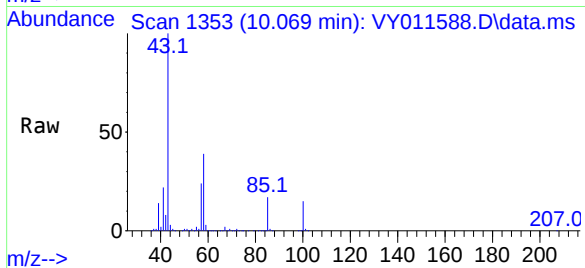




#51  
4-Methyl-2-Pentanone  
Concen: 300.744 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

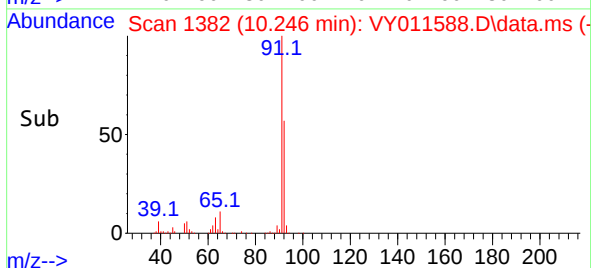
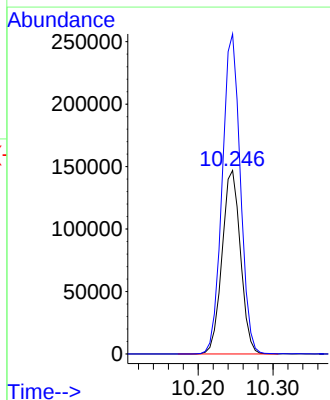
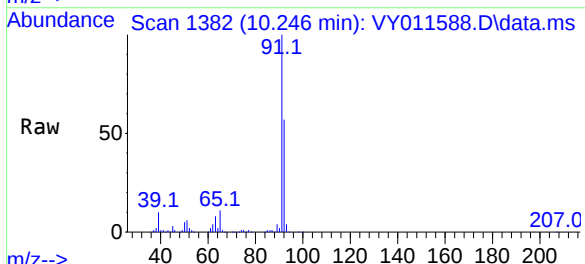
Instrument :  
MSVOA\_Y  
ClientSampleId :

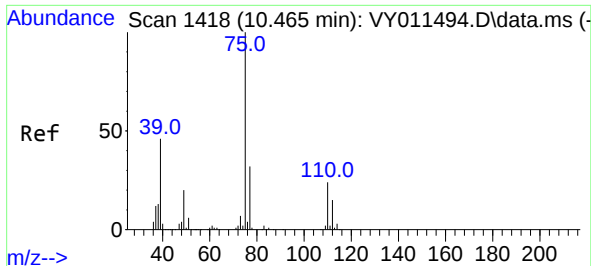
Tgt Ion: 43 Resp: 455970  
Ion Ratio Lower Upper  
43 100  
58 38.4 28.1 42.1



#52  
Toluene  
Concen: 51.274 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 92 Resp: 250768  
Ion Ratio Lower Upper  
92 100  
91 172.4 142.6 213.8

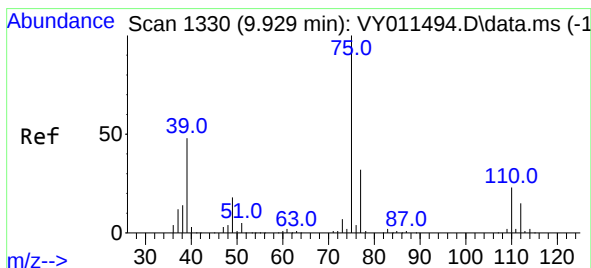
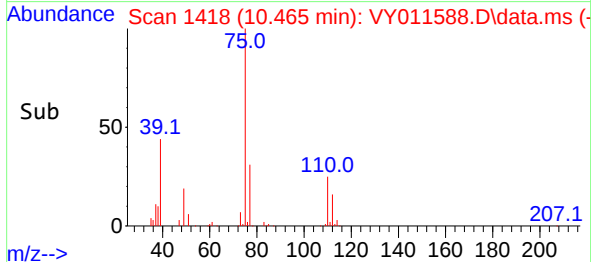
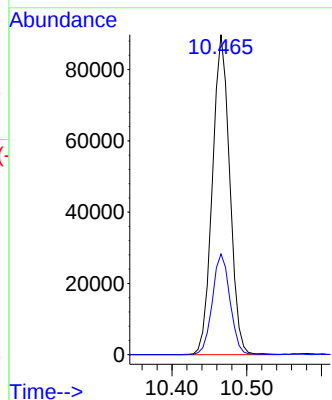
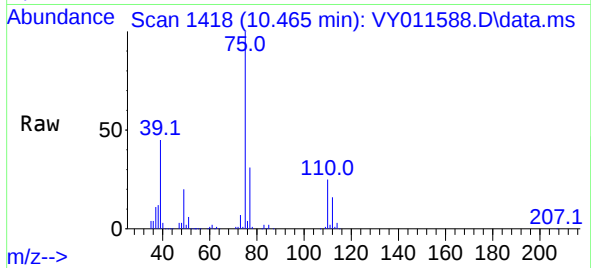




#53  
t-1,3-Dichloropropene  
Concen: 51.933 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

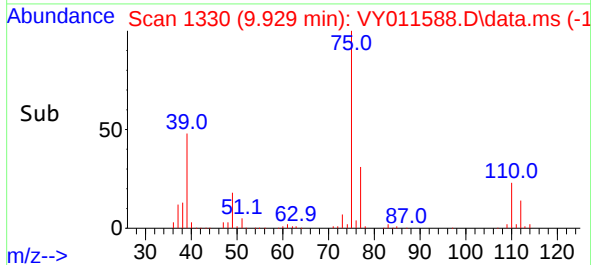
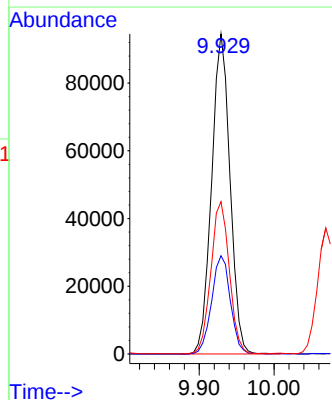
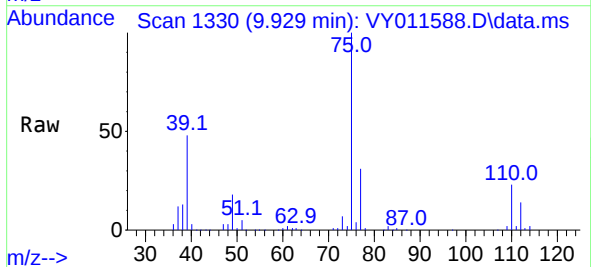
Instrument :  
MSVOA\_Y  
ClientSampleId :

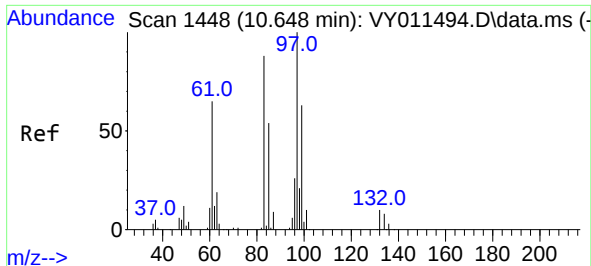
Tgt Ion: 75 Resp: 144534  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 51.621 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

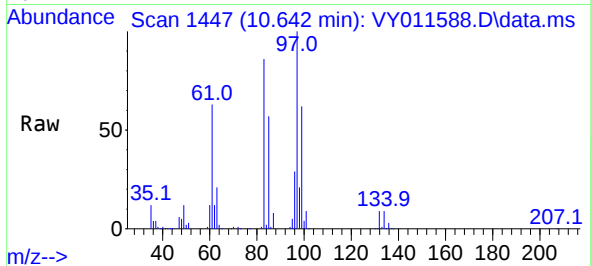
Tgt Ion: 75 Resp: 161620  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.6 38.4  
39 47.6 47.6 71.4#





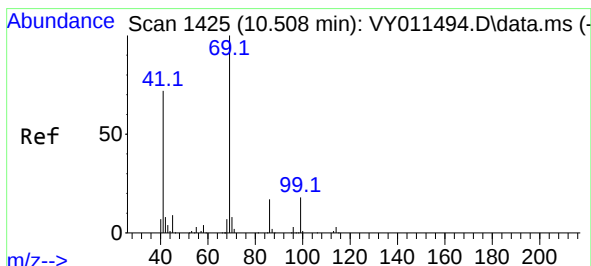
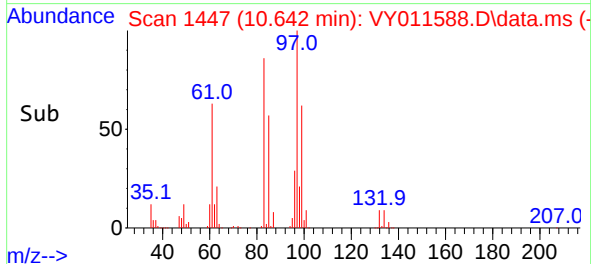
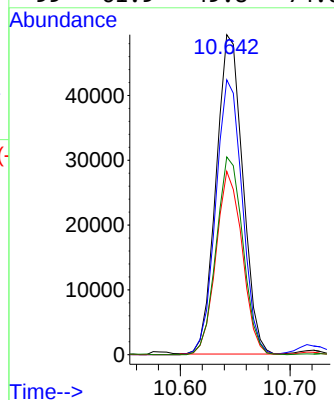
#55  
1,1,2-Trichloroethane  
Concen: 52.743 ug/l  
RT: 10.642 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 83406

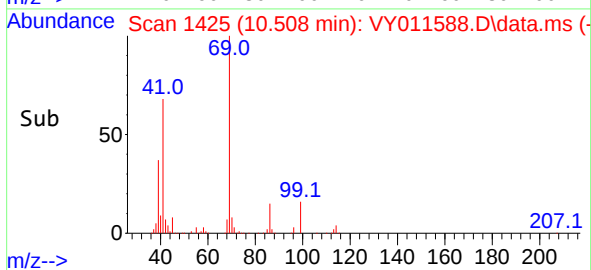
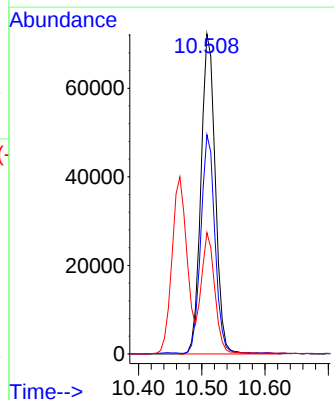
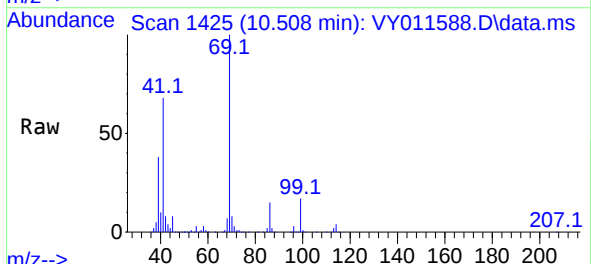
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.1  | 69.8  | 104.8 |
| 85  | 57.4  | 44.3  | 66.5  |
| 99  | 61.9  | 49.8  | 74.6  |

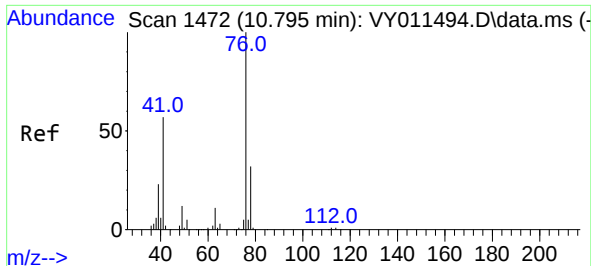


#56  
Ethyl methacrylate  
Concen: 58.169 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 69 Resp: 114404

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 67.0  | 63.4  | 95.0  |
| 39  | 35.2  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 53.134 ug/l

RT: 10.789 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY011588.D

Acq: 23 Nov 2022 20:14

Instrument :

MSVOA\_Y

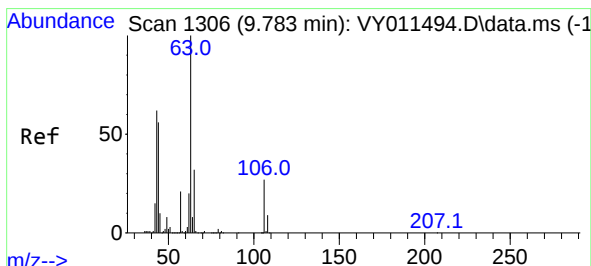
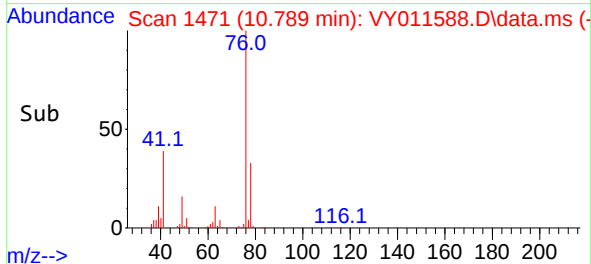
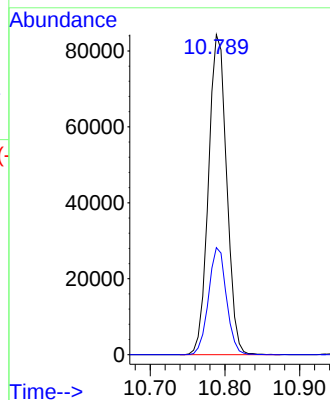
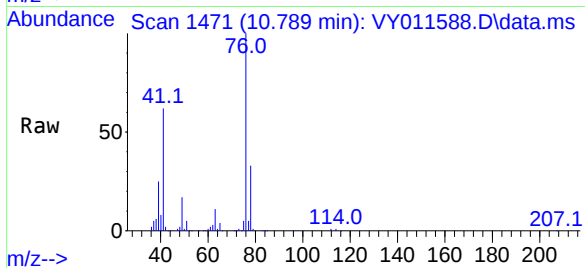
ClientSampleId :

Tgt Ion: 76 Resp: 142302

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 269.115 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011588.D

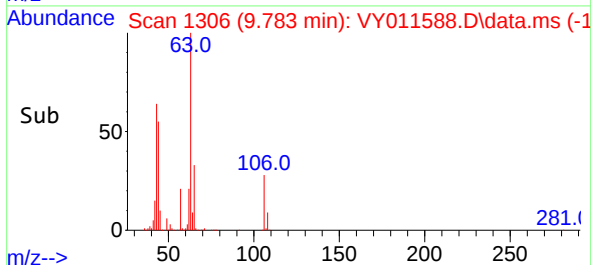
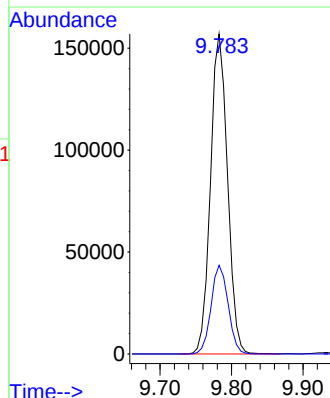
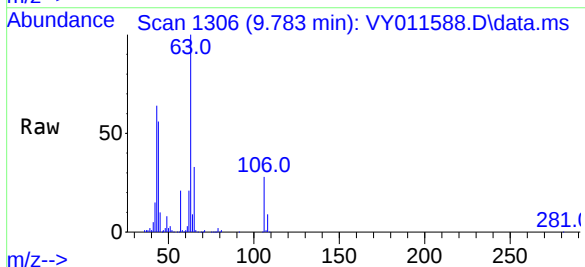
Acq: 23 Nov 2022 20:14

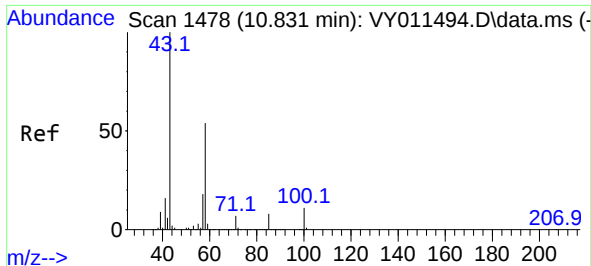
Tgt Ion: 63 Resp: 259217

Ion Ratio Lower Upper

63 100

106 27.7 21.5 32.3

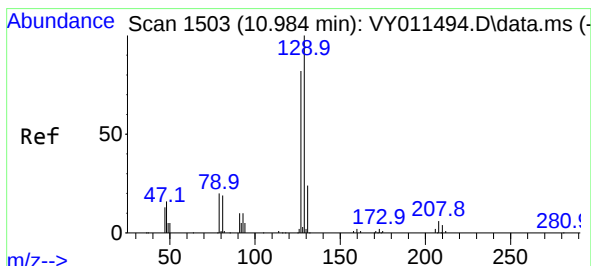
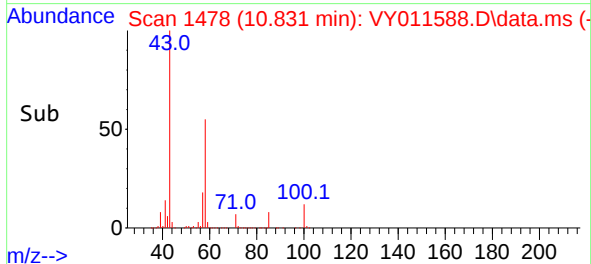
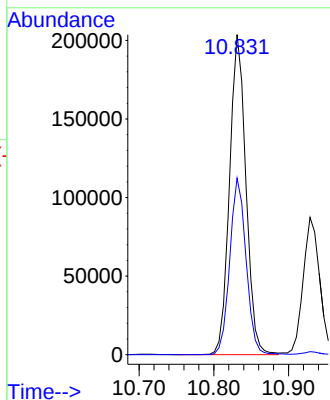
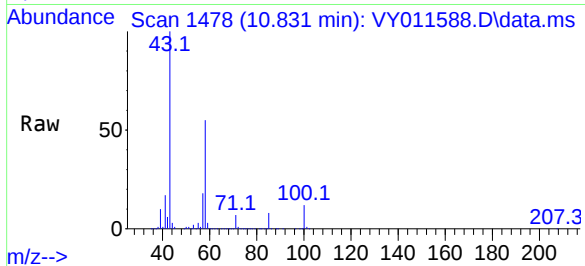




#59  
2-Hexanone  
Concen: 287.767 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

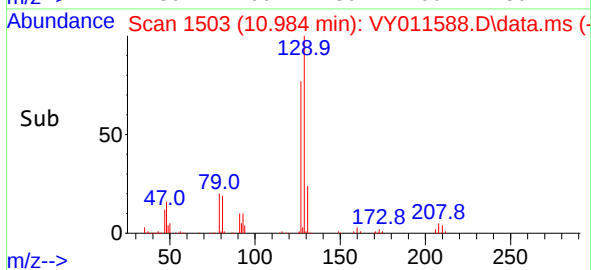
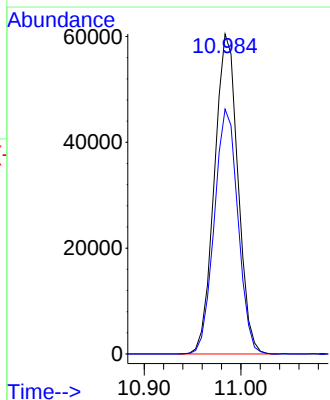
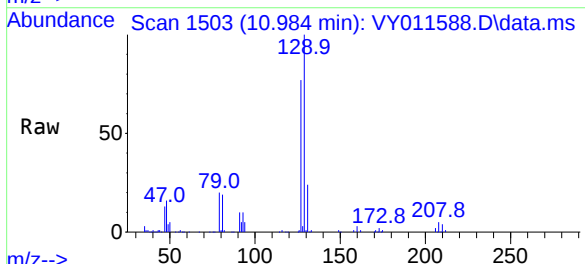
Instrument :  
MSVOA\_Y  
ClientSampleId :

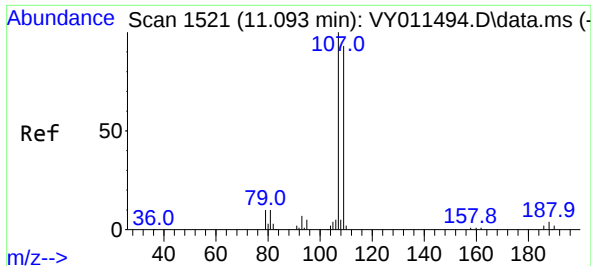
Tgt Ion: 43 Resp: 311394  
Ion Ratio Lower Upper  
43 100  
58 54.8 24.4 73.4



#60  
Dibromochloromethane  
Concen: 52.590 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 129 Resp: 101917  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.7 116.1

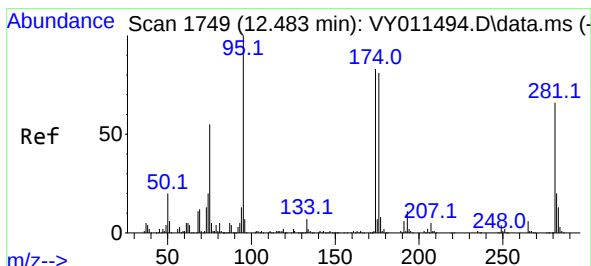
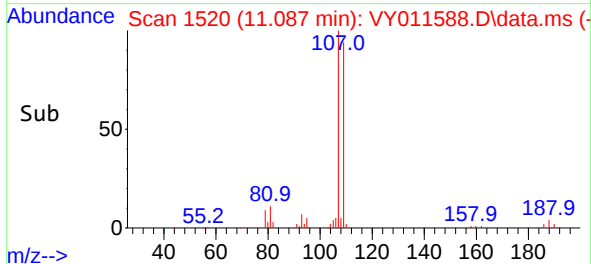
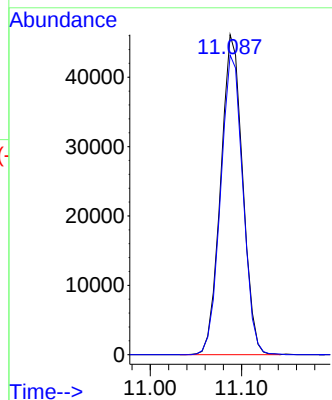
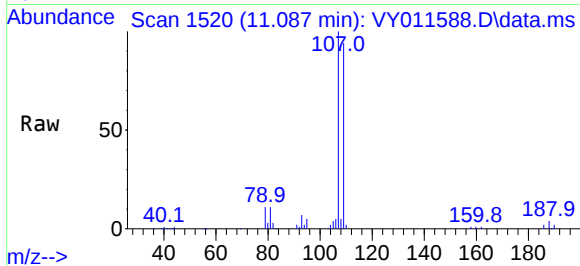




#61  
1,2-Dibromoethane  
Concen: 53.349 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

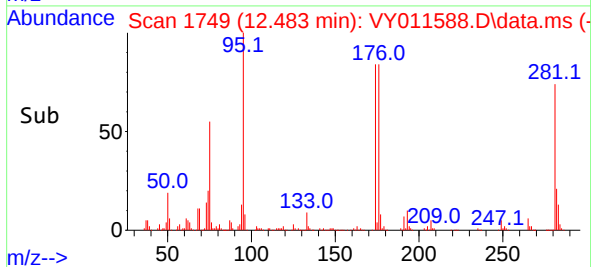
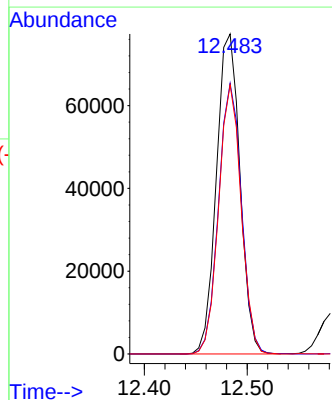
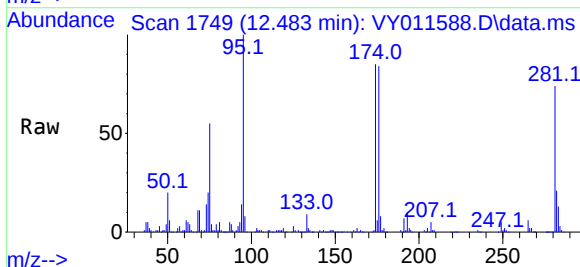
Instrument :  
MSVOA\_Y  
ClientSampleId :

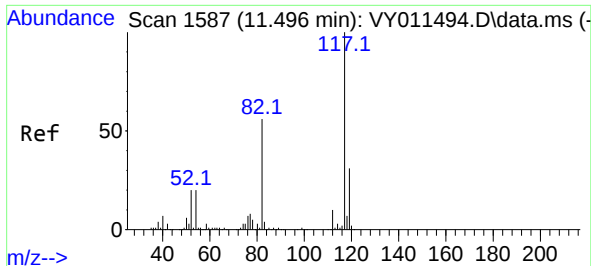
Tgt Ion:107 Resp: 77006  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 53.820 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

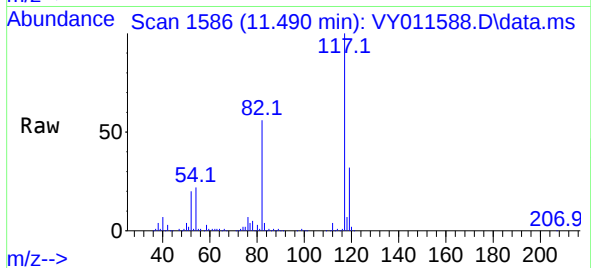
Tgt Ion: 95 Resp: 122822  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 177.0  
176 80.6 0.0 175.8



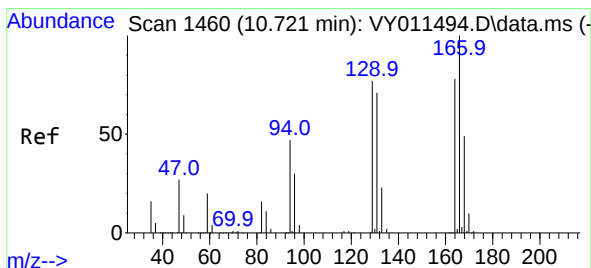
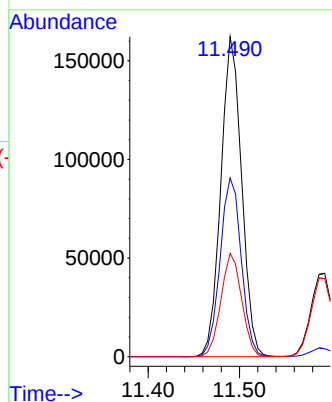
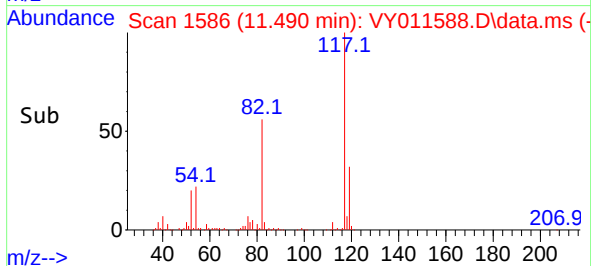


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

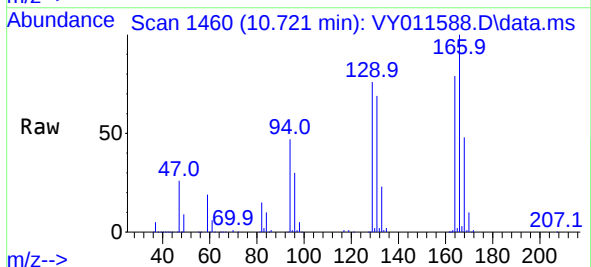
Instrument :  
MSVOA\_Y  
ClientSampleId :



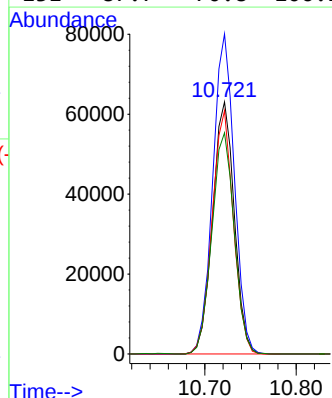
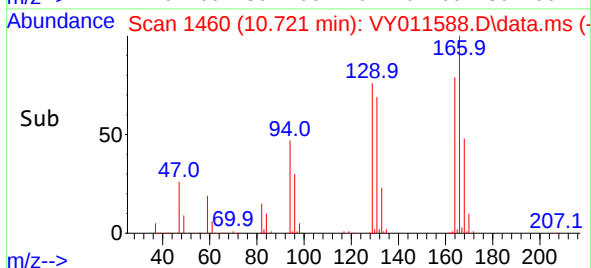
Tgt Ion:117 Resp: 256001  
Ion Ratio Lower Upper  
117 100  
82 55.9 43.0 64.4  
119 32.3 25.4 38.0

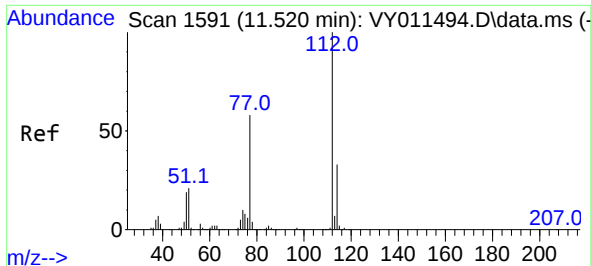


#64  
Tetrachloroethene  
Concen: 49.248 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14



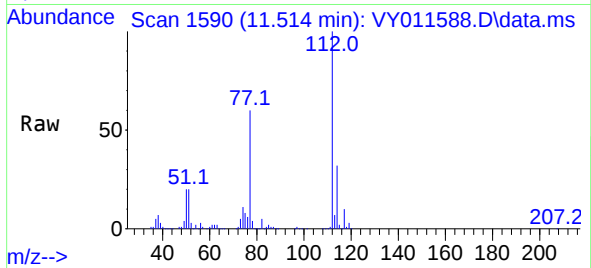
Tgt Ion:164 Resp: 103893  
Ion Ratio Lower Upper  
164 100  
166 127.0 100.4 150.6  
129 96.5 71.4 107.0  
131 87.7 70.8 106.2



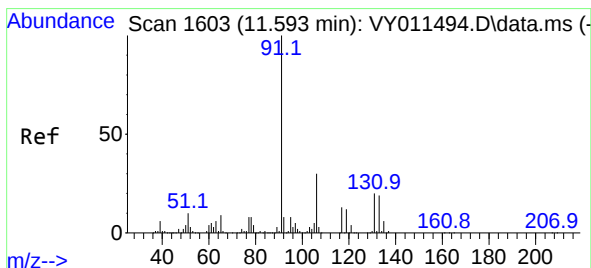
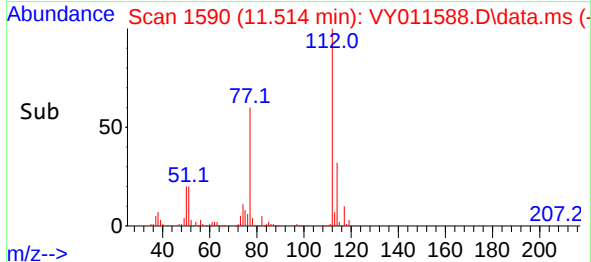
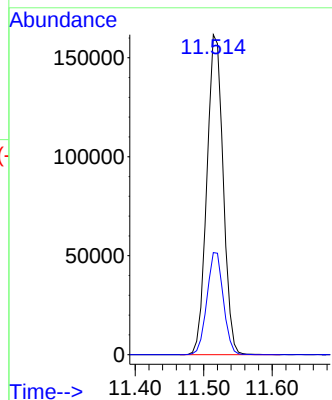


#65  
Chlorobenzene  
Concen: 49.845 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

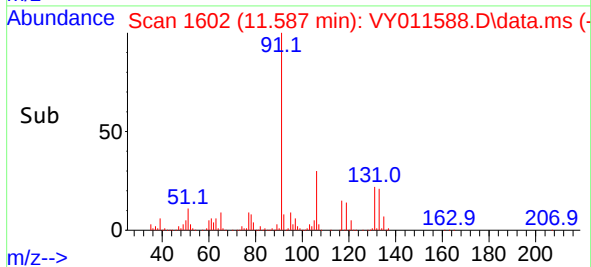
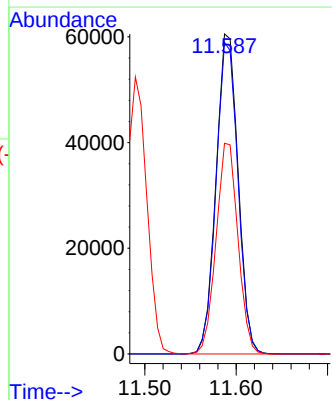
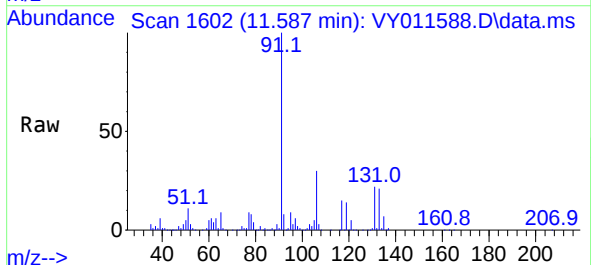


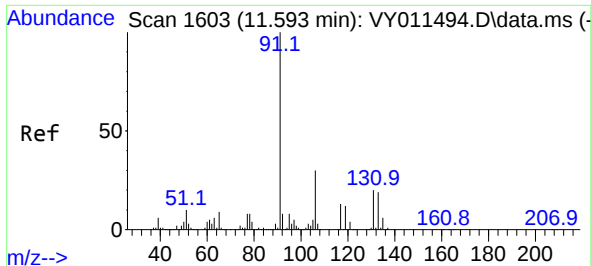
Tgt Ion:112 Resp: 267201  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.054 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:131 Resp: 101698  
Ion Ratio Lower Upper  
131 100  
133 96.8 47.9 143.6  
119 65.3 30.8 92.3





#67

Ethyl Benzene

Concen: 50.588 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011588.D

Acq: 23 Nov 2022 20:14

Instrument :

MSVOA\_Y

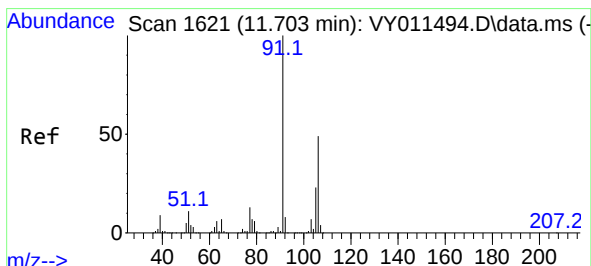
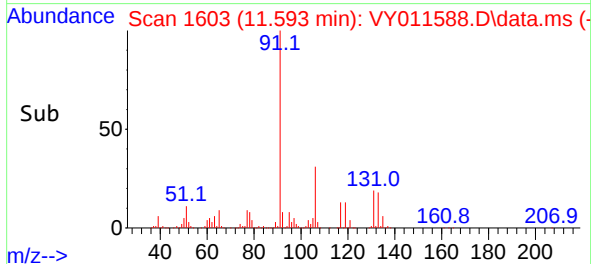
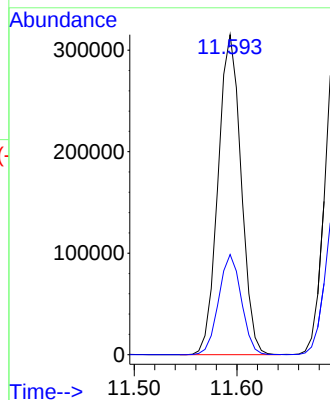
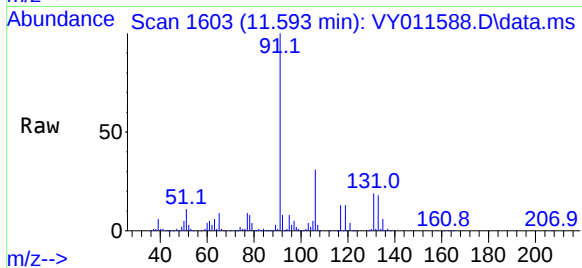
ClientSampleId :

Tgt Ion: 91 Resp: 489659

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 101.337 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY011588.D

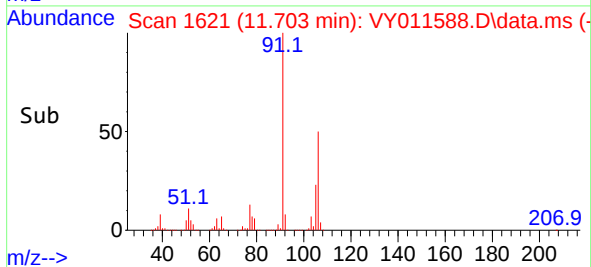
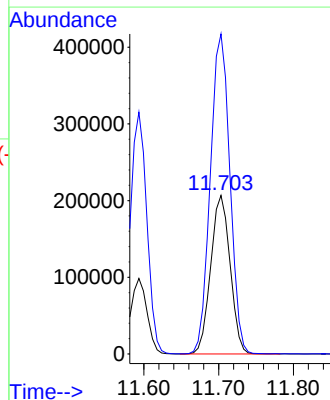
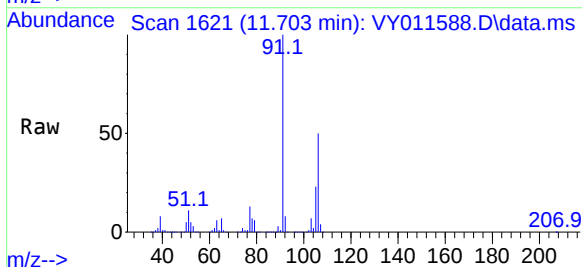
Acq: 23 Nov 2022 20:14

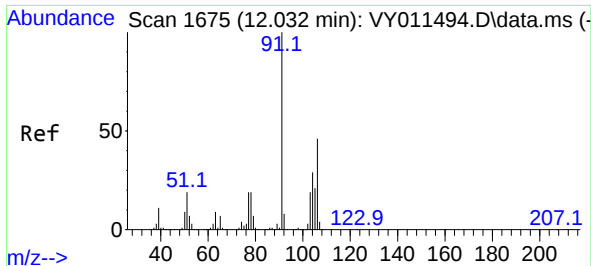
Tgt Ion:106 Resp: 373382

Ion Ratio Lower Upper

106 100

91 203.9 166.6 249.8

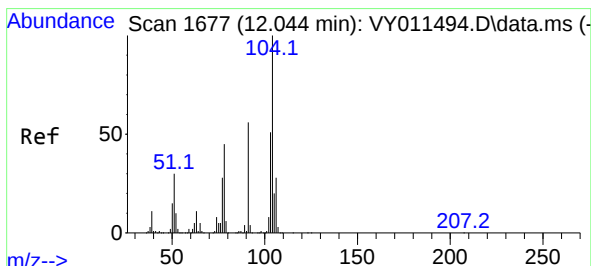
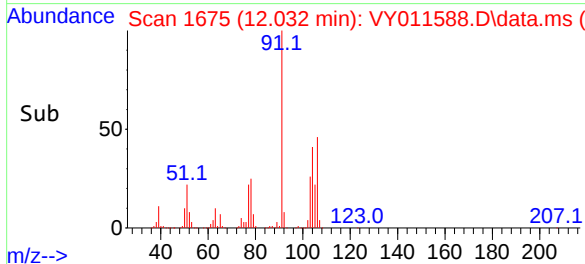
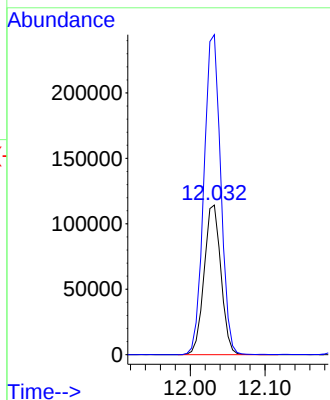
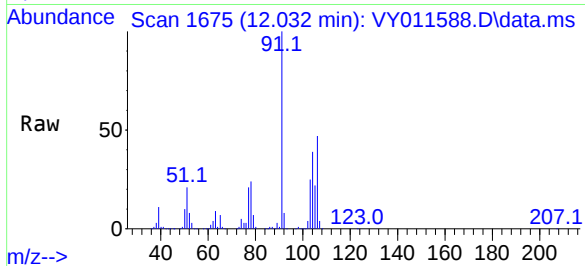




#69  
o-Xylene  
Concen: 52.042 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

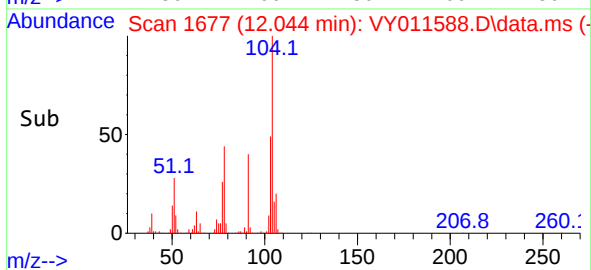
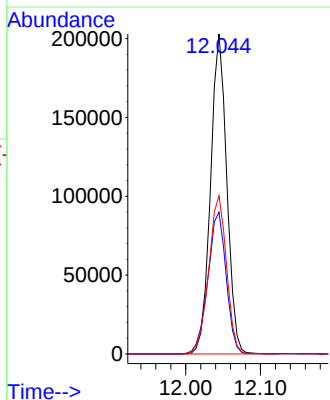
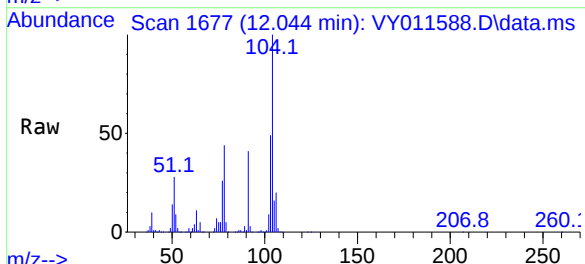
Instrument :  
MSVOA\_Y  
ClientSampleId :

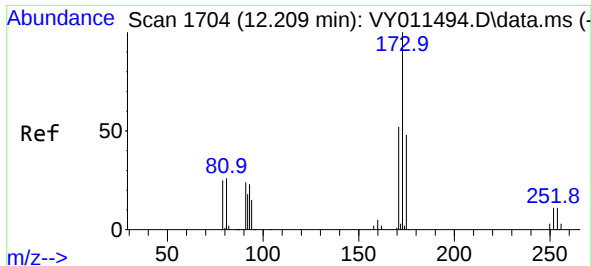
Tgt Ion:106 Resp: 178529  
Ion Ratio Lower Upper  
106 100  
91 213.9 110.3 331.0



#70  
Styrene  
Concen: 52.327 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:104 Resp: 306409  
Ion Ratio Lower Upper  
104 100  
78 49.9 42.4 63.6  
103 54.4 44.4 66.6

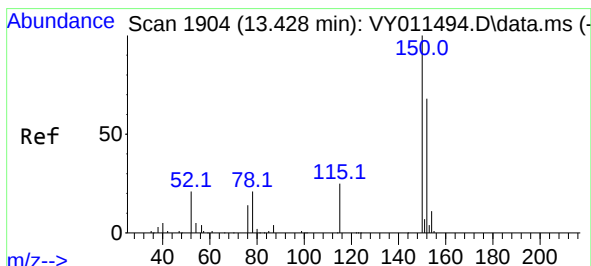
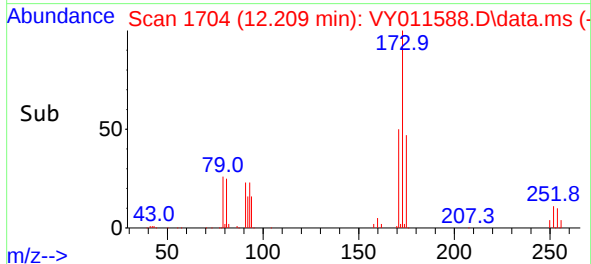
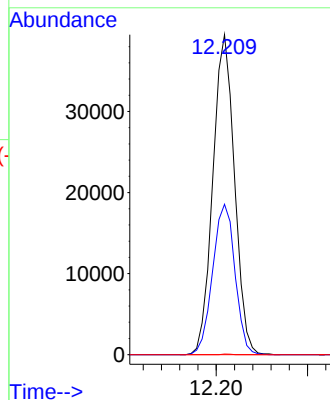
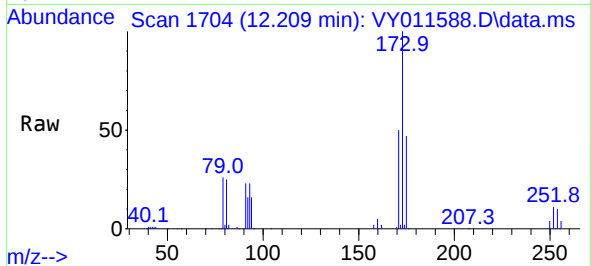




#71  
Bromoform  
Concen: 52.507 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

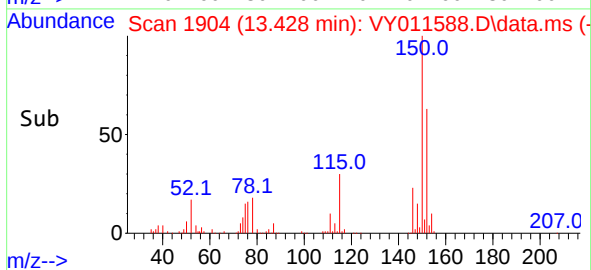
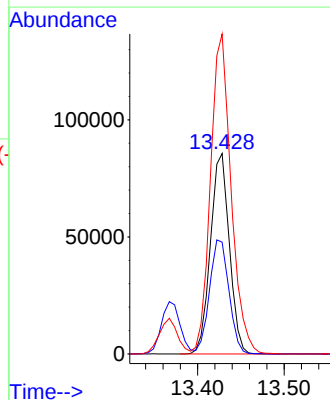
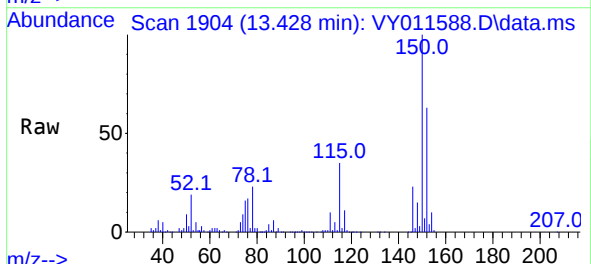
Instrument :  
MSVOA\_Y  
ClientSampleId :

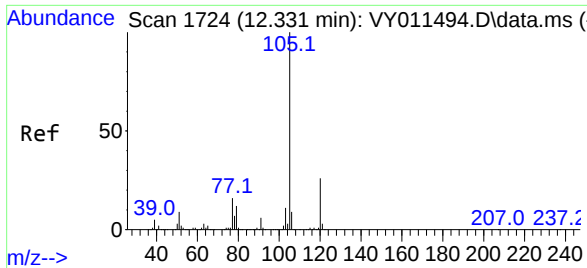
Tgt Ion:173 Resp: 64903  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:152 Resp: 129900  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.2 84.7  
150 173.9 0.0 347.6

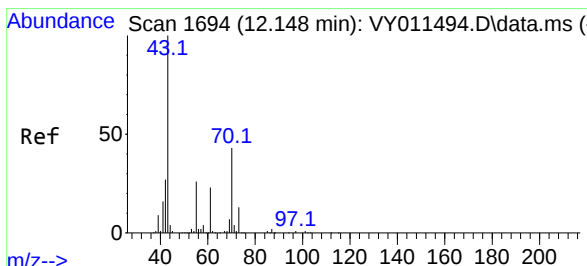
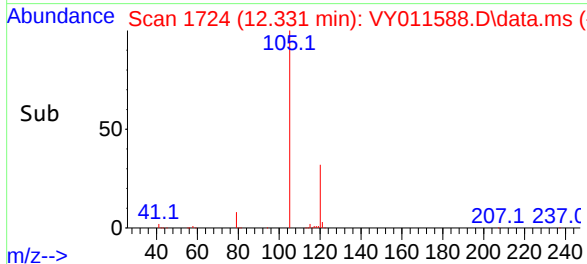
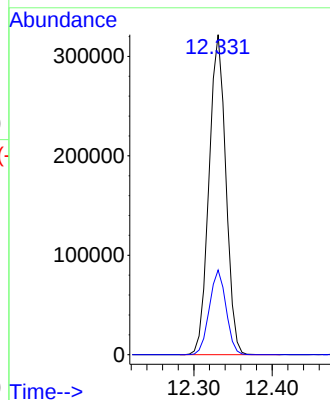
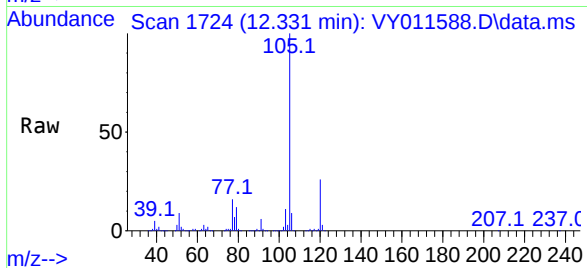




#73  
Isopropylbenzene  
Concen: 51.068 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

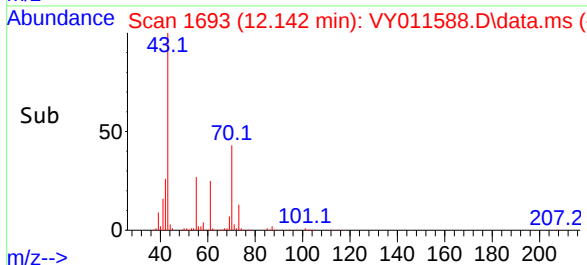
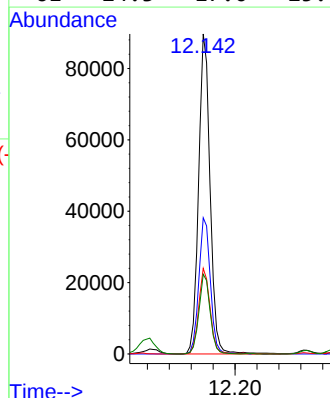
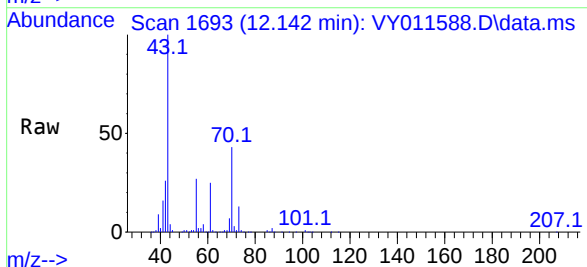
Instrument :  
MSVOA\_Y  
ClientSampleId :

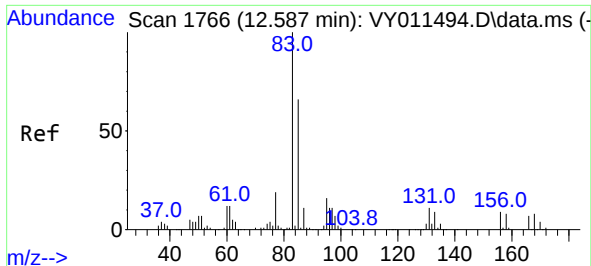
Tgt Ion:105 Resp: 479762  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.4 40.2



#74  
N-ethyl acetate  
Concen: 56.443 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 43 Resp: 130946  
Ion Ratio Lower Upper  
43 100  
70 42.7 28.7 43.1  
55 26.4 17.3 25.9#  
61 24.3 17.0 25.6

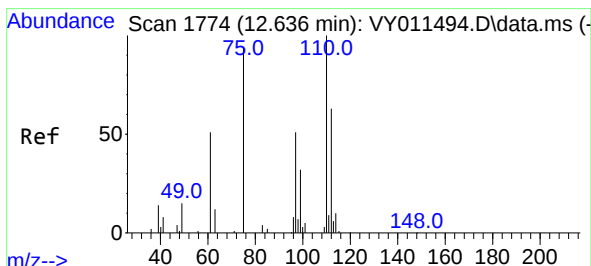
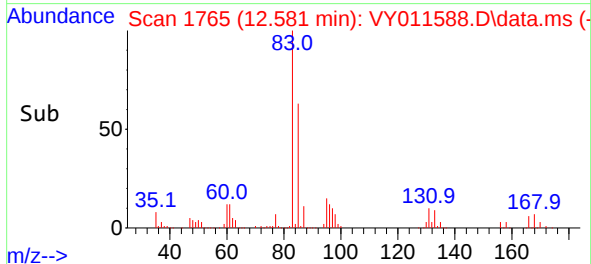
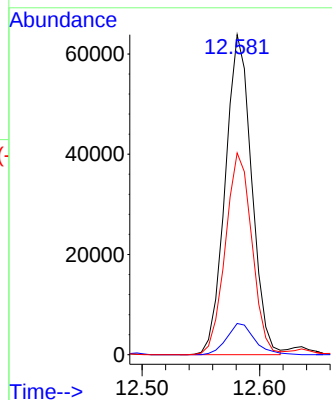
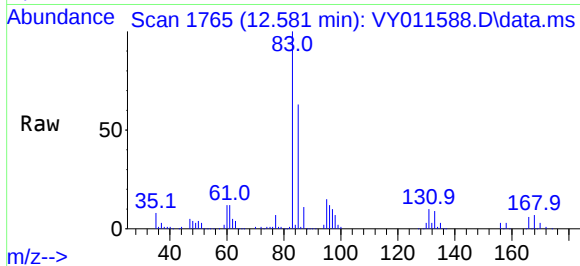




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.843 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

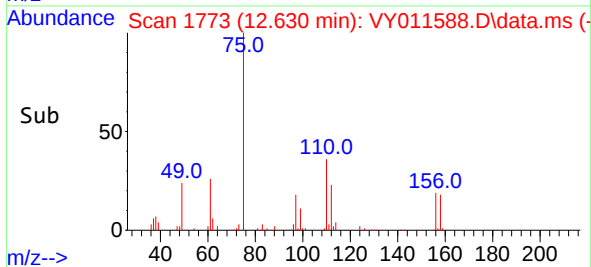
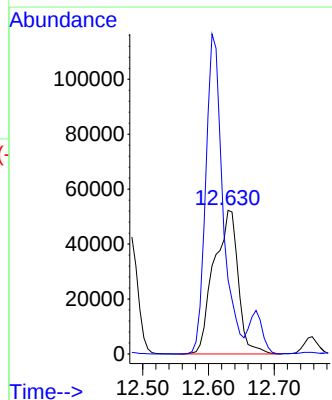
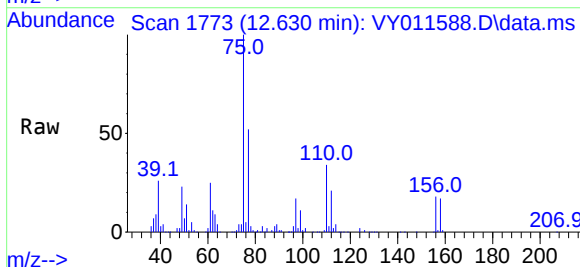
Instrument :  
MSVOA\_Y  
ClientSampleId :

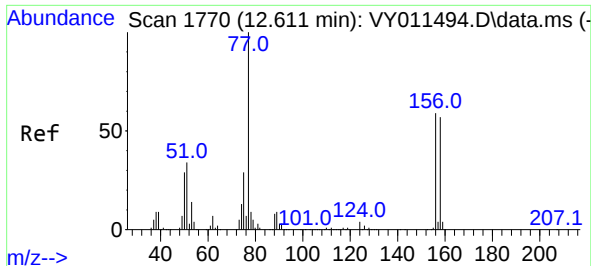
Tgt Ion: 83 Resp: 99677  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.6 16.8  
85 63.4 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 95.983 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

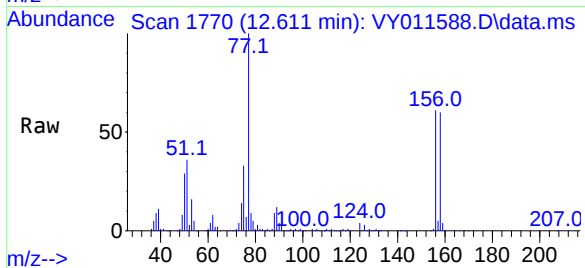
Tgt Ion: 75 Resp: 134274  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



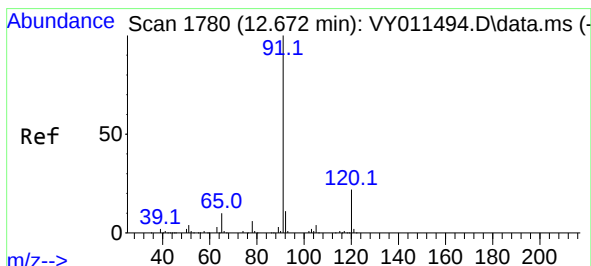
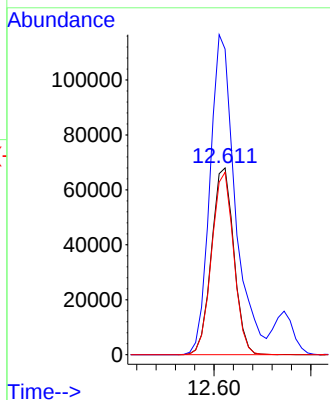
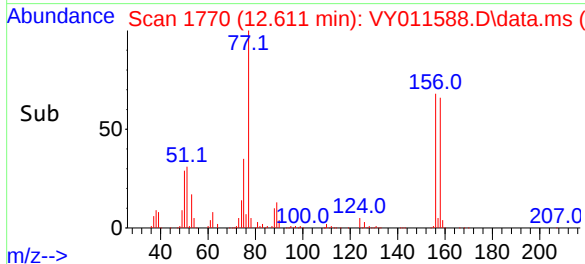


#77  
Bromobenzene  
Concen: 49.753 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

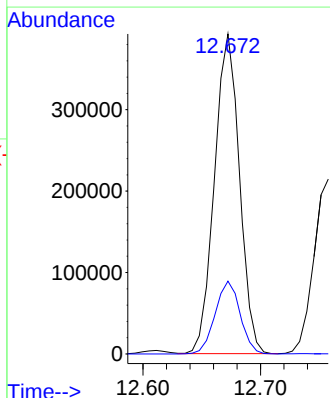
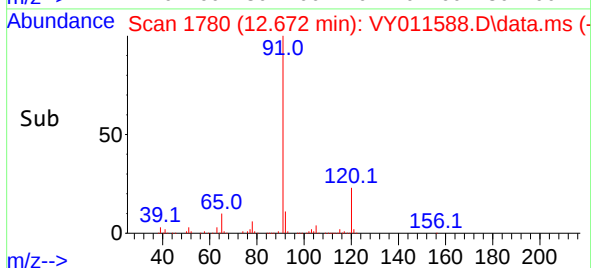
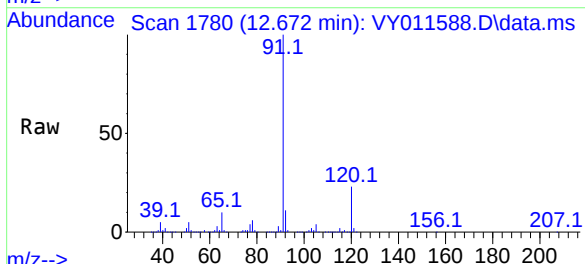


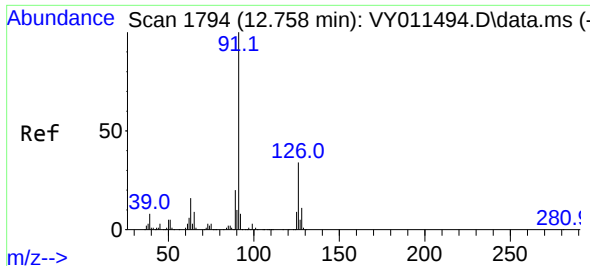
Tgt Ion:156 Resp: 109143  
Ion Ratio Lower Upper  
156 100  
77 193.7 95.5 286.4  
158 96.6 48.0 144.0



#78  
n-propylbenzene  
Concen: 50.684 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 91 Resp: 580904  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.3 33.9

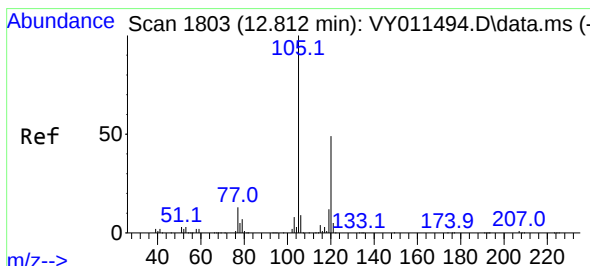
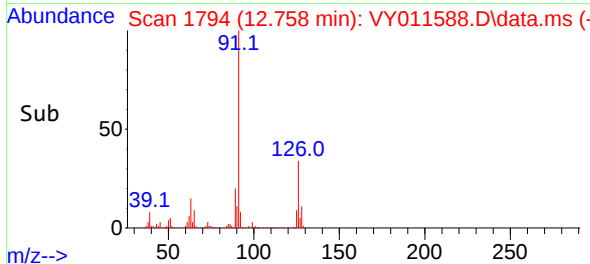
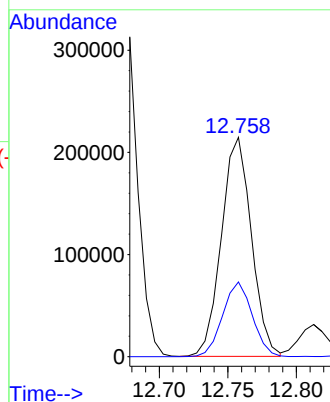
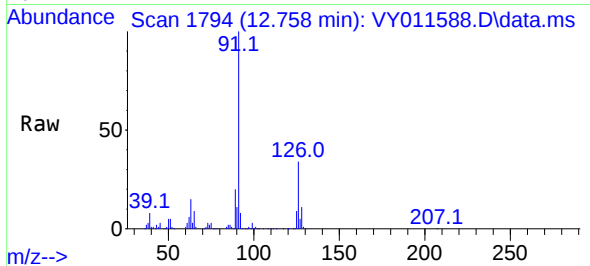




#79  
2-Chlorotoluene  
Concen: 50.622 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

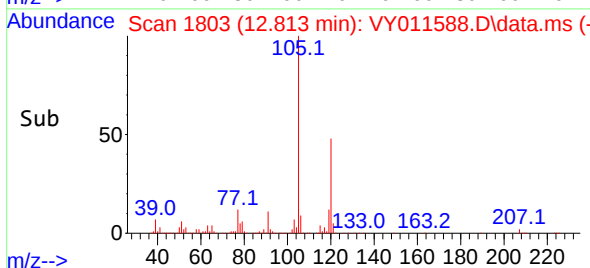
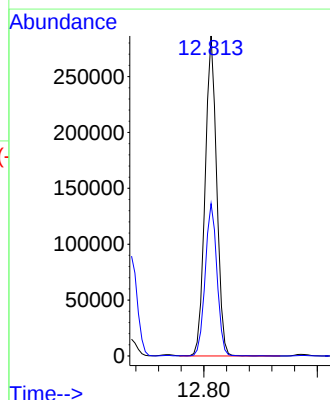
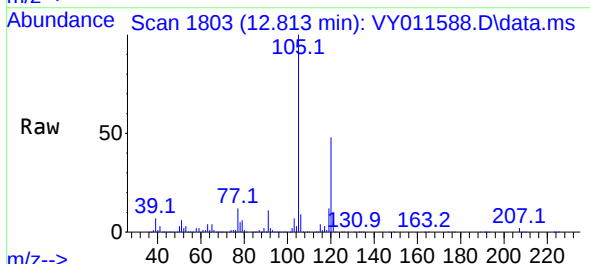
Instrument :  
MSVOA\_Y  
ClientSampleId :

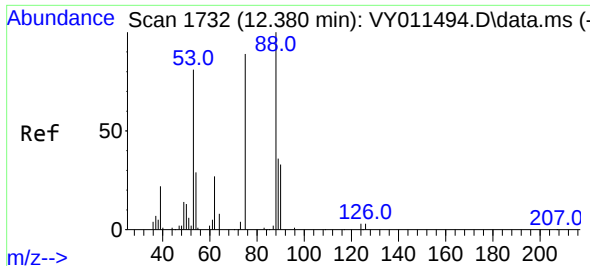
Tgt Ion: 91 Resp: 327017  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 51.263 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

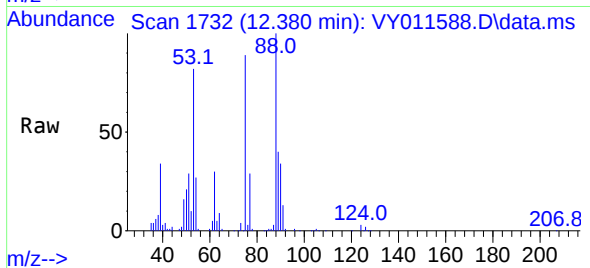
Tgt Ion:105 Resp: 405962  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.4 73.4



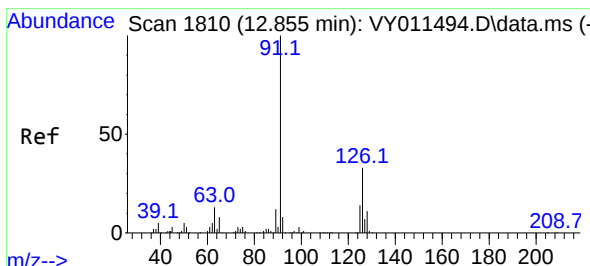
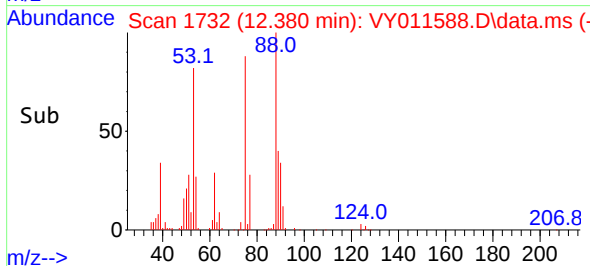
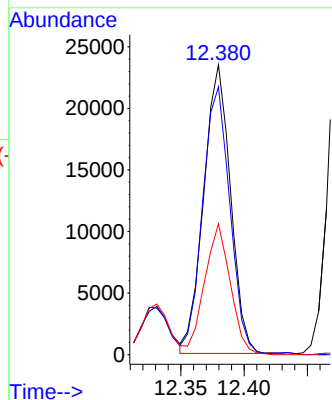


#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.153 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

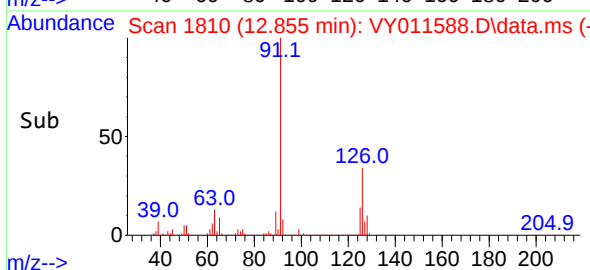
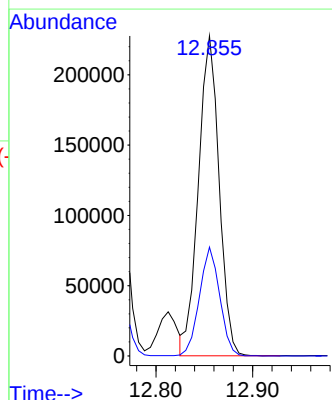
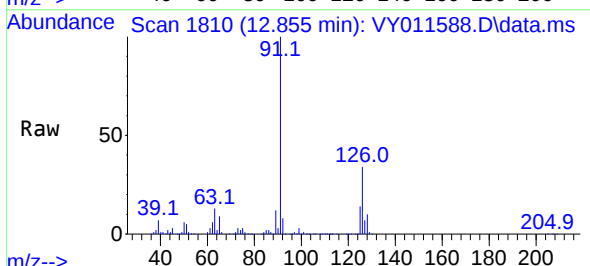


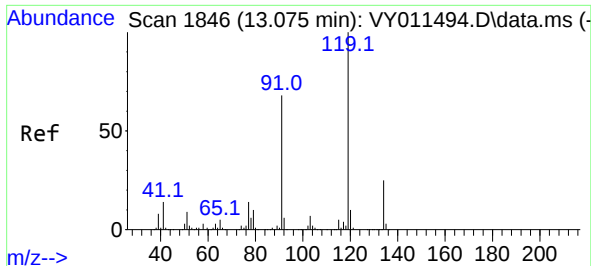
Tgt Ion: 75 Resp: 34587  
Ion Ratio Lower Upper  
75 100  
53 93.6 85.3 127.9  
89 43.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 50.073 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 91 Resp: 338234  
Ion Ratio Lower Upper  
91 100  
126 33.4 17.0 51.0

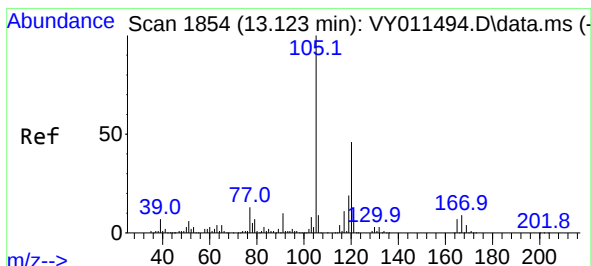
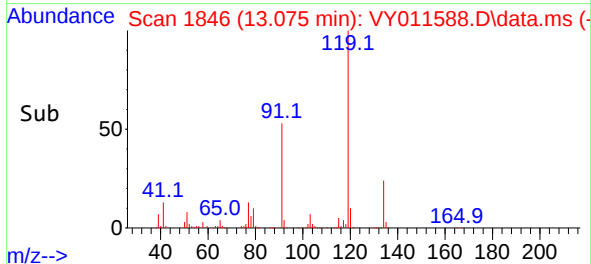
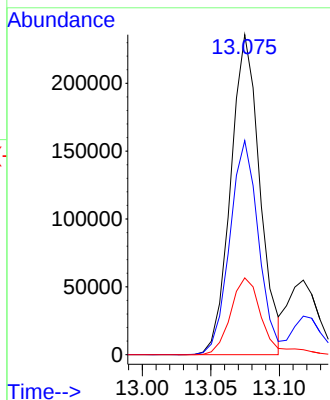
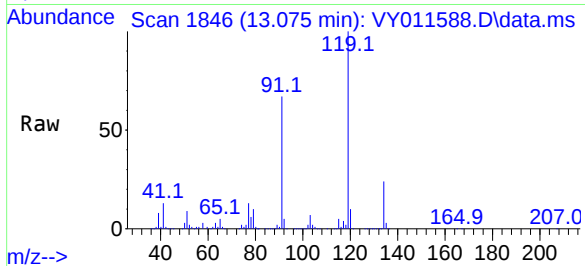




#83  
tert-Butylbenzene  
Concen: 50.816 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

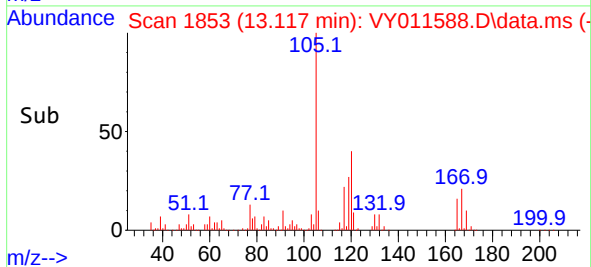
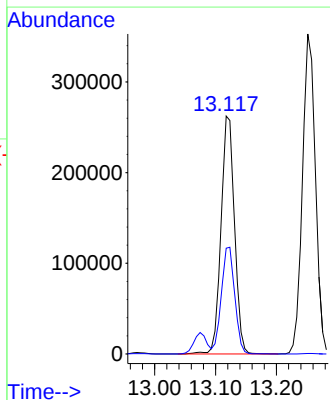
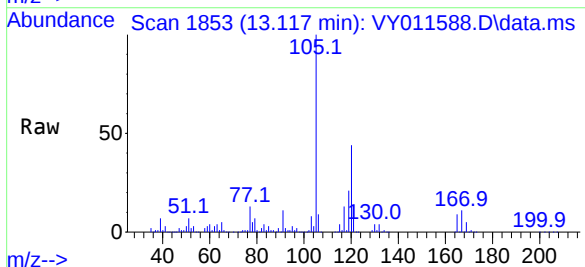
Instrument :  
MSVOA\_Y  
ClientSampleId :

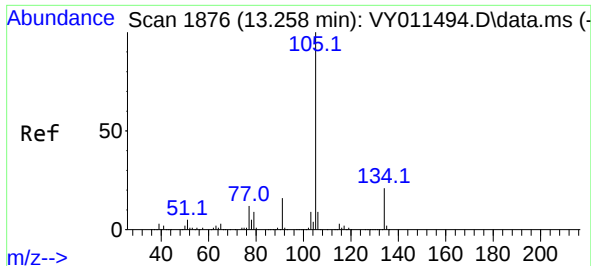
Tgt Ion:119 Resp: 350521  
Ion Ratio Lower Upper  
119 100  
91 65.6 34.8 104.4  
134 25.9 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 51.491 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:105 Resp: 402741  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.3 66.9

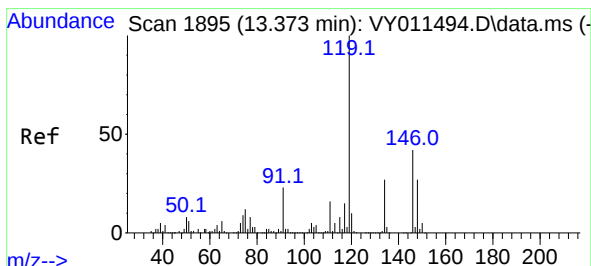
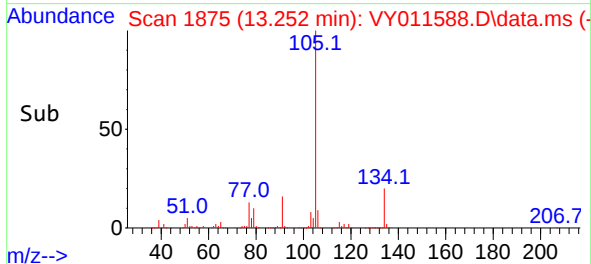
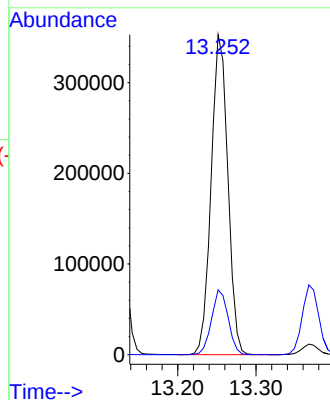
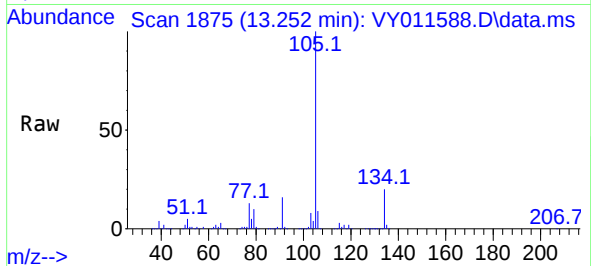




#85  
 sec-Butylbenzene  
 Concen: 50.600 ug/l  
 RT: 13.252 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY011588.D  
 Acq: 23 Nov 2022 20:14

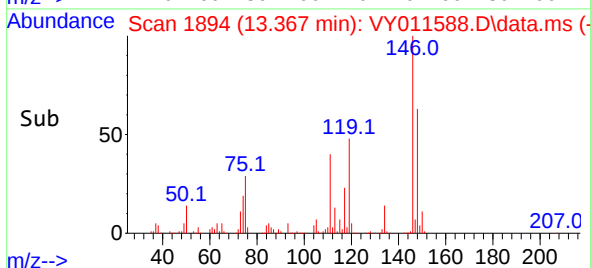
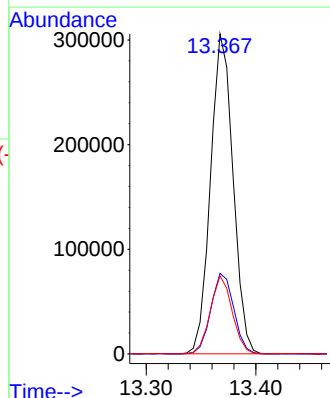
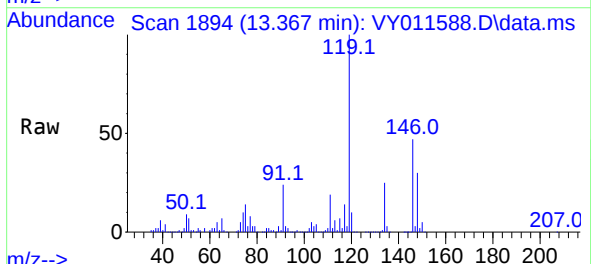
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

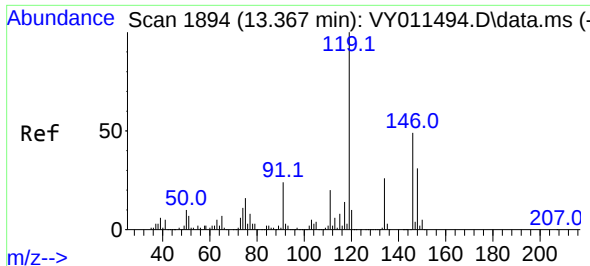
Tgt Ion:105 Resp: 520778  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 50.754 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY011588.D  
 Acq: 23 Nov 2022 20:14

Tgt Ion:119 Resp: 435947  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.2 39.5  
 91 23.6 12.4 37.2

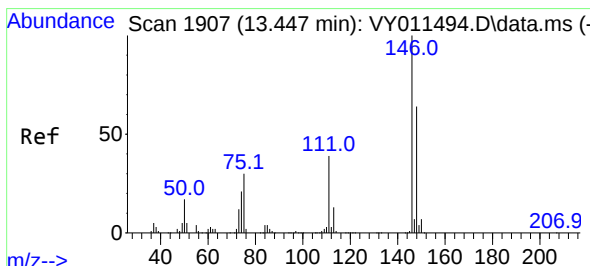
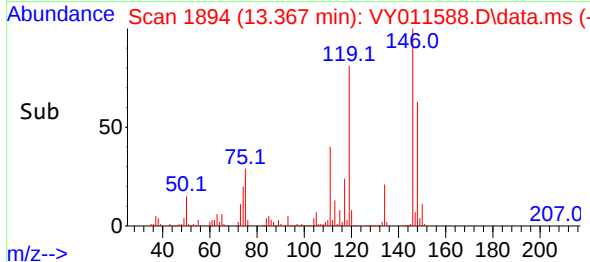
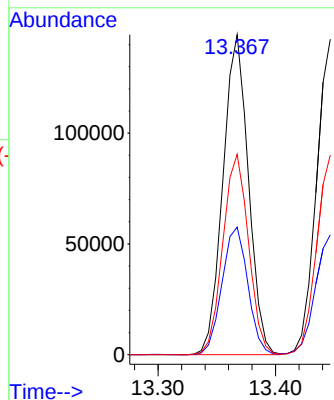
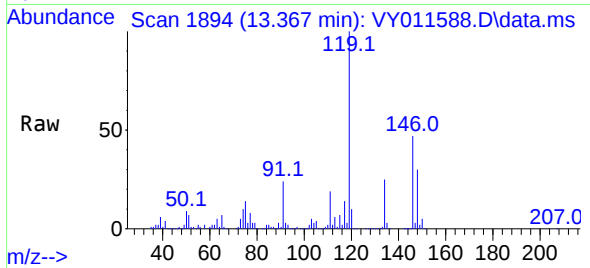




#87  
1,3-Dichlorobenzene  
Concen: 48.700 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

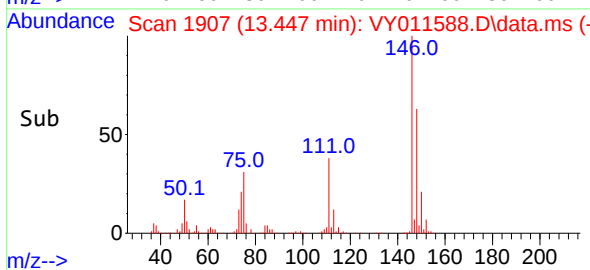
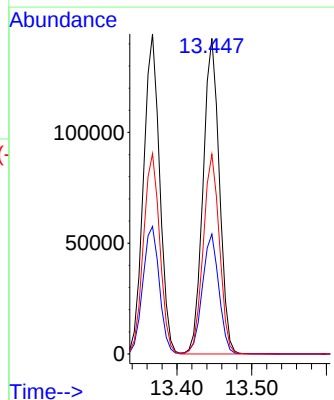
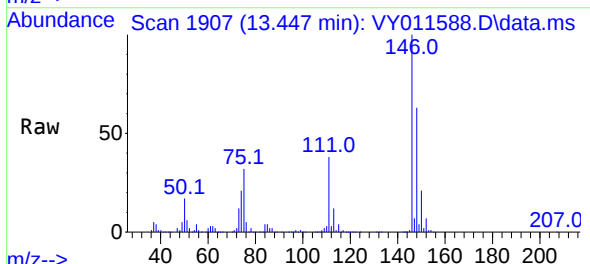
Instrument :  
MSVOA\_Y  
ClientSampleId :

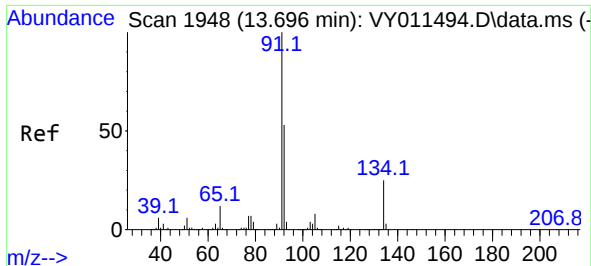
Tgt Ion:146 Resp: 217472  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.5 58.5  
148 63.2 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 48.211 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:146 Resp: 215272  
Ion Ratio Lower Upper  
146 100  
111 38.5 19.3 57.8  
148 63.2 32.6 97.8





#89

n-Butylbenzene

Concen: 50.751 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY011588.D

Acq: 23 Nov 2022 20:14

Instrument :

MSVOA\_Y

ClientSampleId :

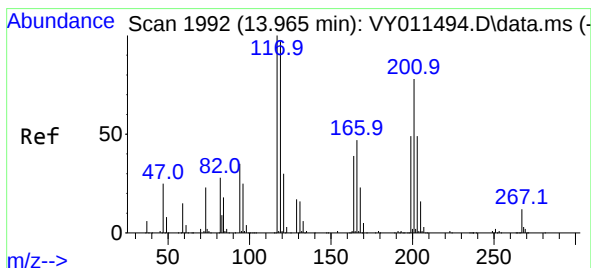
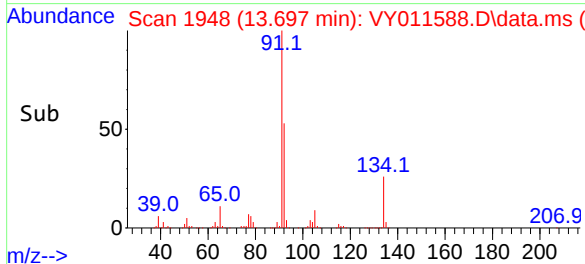
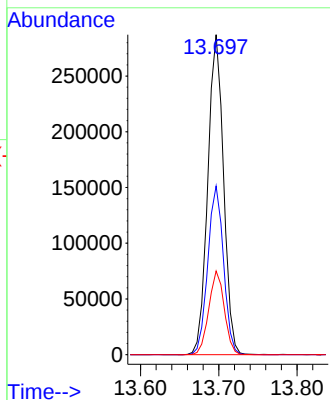
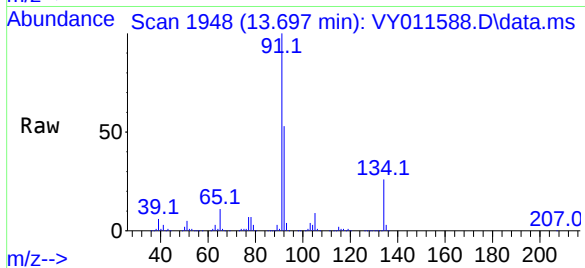
Tgt Ion: 91 Resp: 400730

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 48.892 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY011588.D

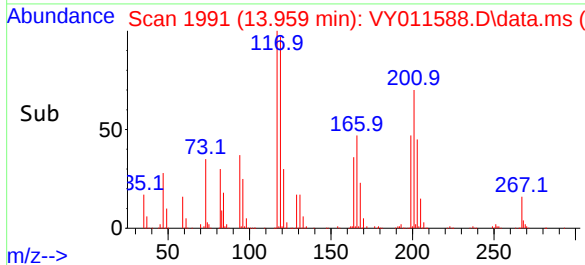
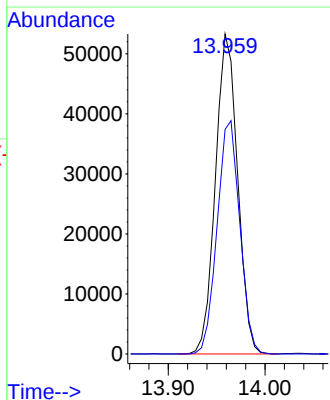
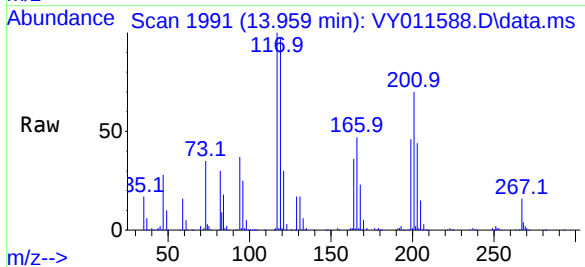
Acq: 23 Nov 2022 20:14

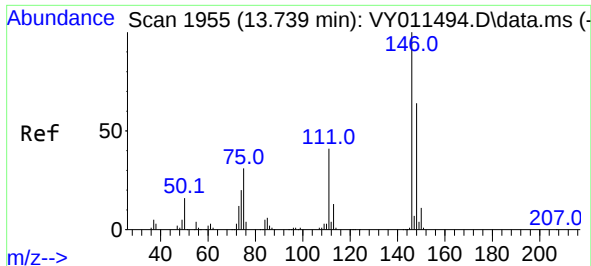
Tgt Ion: 117 Resp: 84804

Ion Ratio Lower Upper

117 100

201 74.5 43.0 128.8

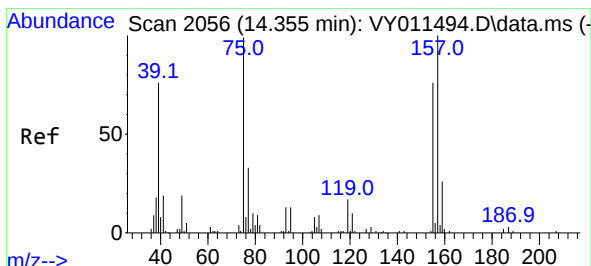
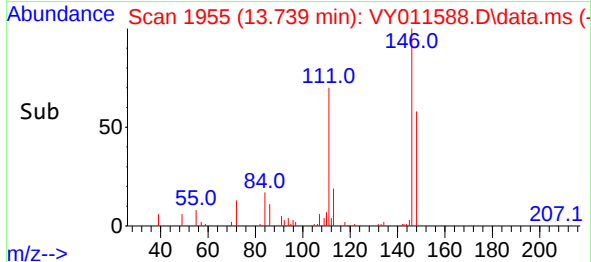
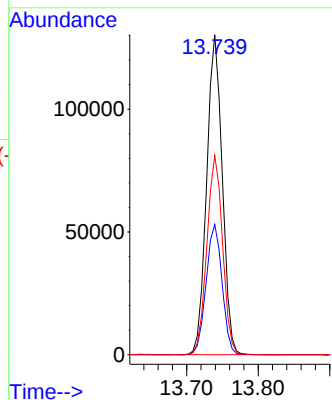
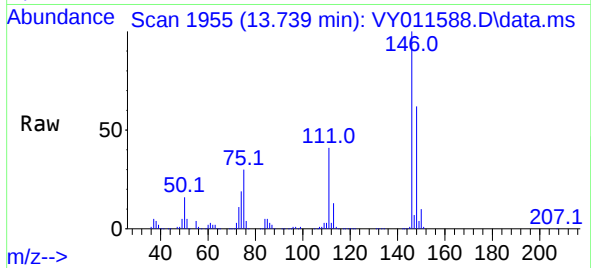




#91  
1,2-Dichlorobenzene  
Concen: 49.902 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

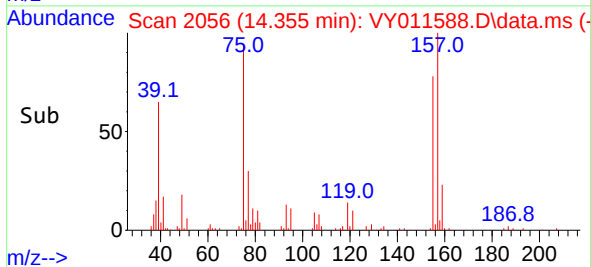
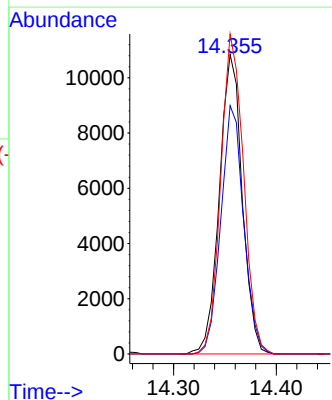
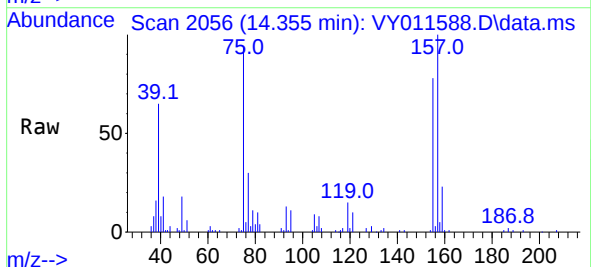
Instrument :  
MSVOA\_Y  
ClientSampleId :

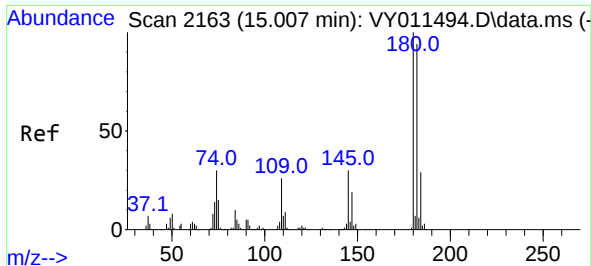
Tgt Ion:146 Resp: 197532  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.3 60.9  
148 62.7 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.059 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion: 75 Resp: 16716  
Ion Ratio Lower Upper  
75 100  
155 82.7 38.0 113.9  
157 106.3 47.8 143.3

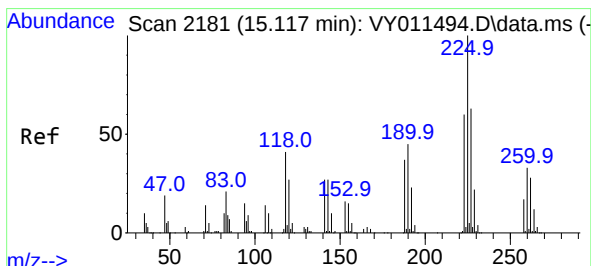
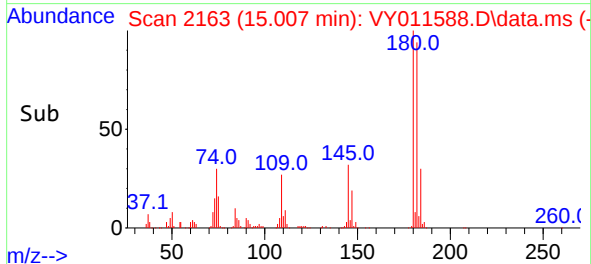
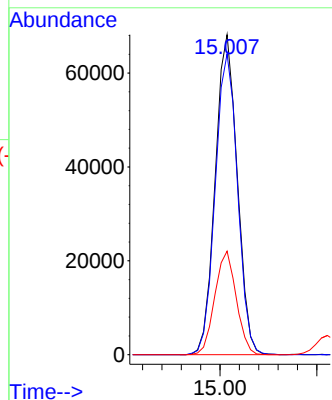
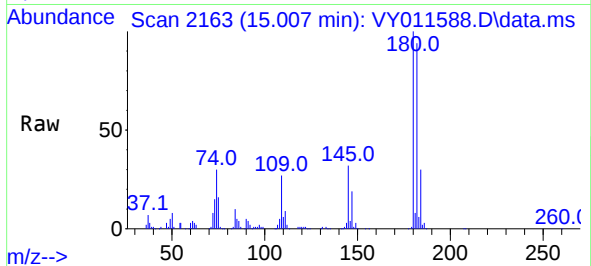




#93  
1,2,4-Trichlorobenzene  
Concen: 49.021 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

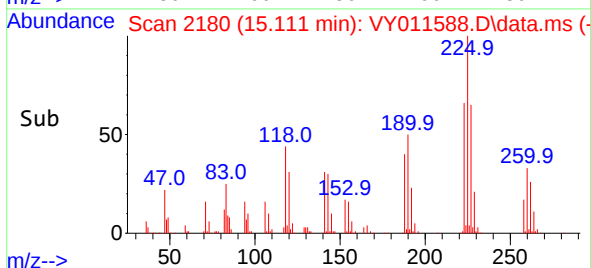
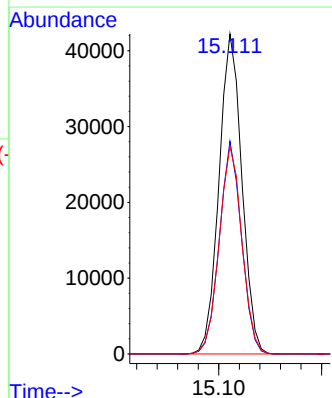
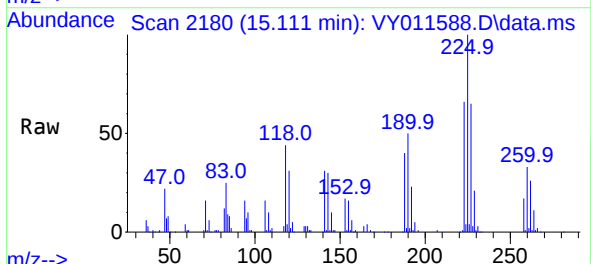
Instrument :  
MSVOA\_Y  
ClientSampleId :

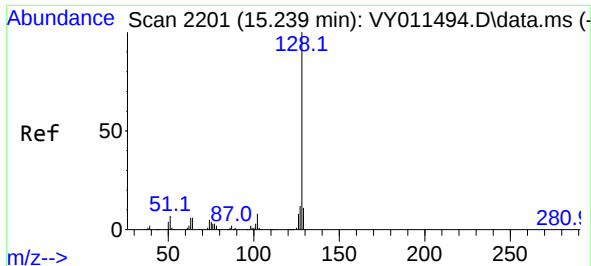
Tgt Ion:180 Resp: 107630  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.3 141.9  
145 31.5 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 47.693 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:225 Resp: 65091  
Ion Ratio Lower Upper  
225 100  
223 64.2 30.8 92.3  
227 64.5 31.6 94.7

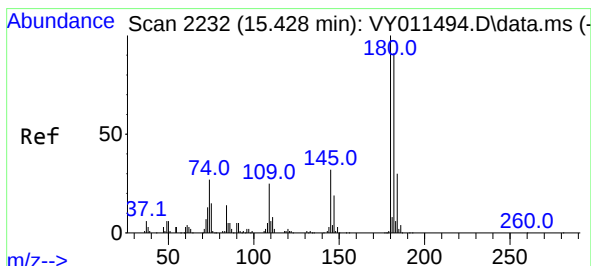
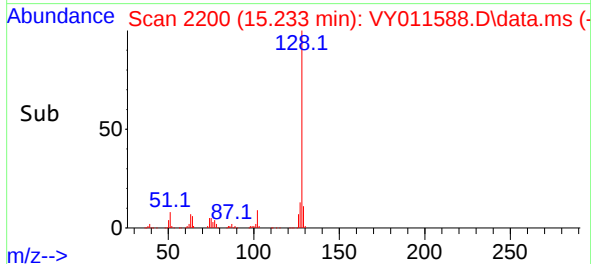
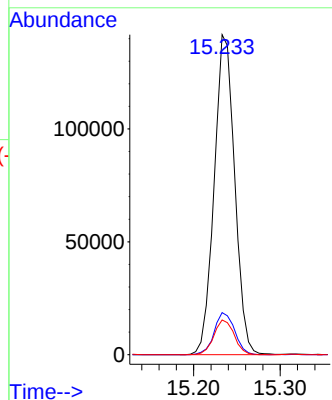
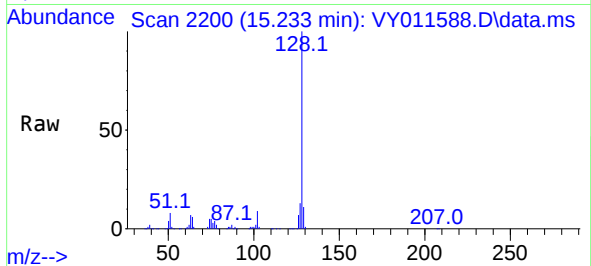




#95  
Naphthalene  
Concen: 50.617 ug/l  
RT: 15.233 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 233231  
Ion Ratio Lower Upper  
128 100  
127 13.2 11.0 16.4  
129 10.7 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 50.584 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY011588.D  
Acq: 23 Nov 2022 20:14

Tgt Ion:180 Resp: 95179  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.3 141.9  
145 33.6 15.3 45.9

