

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050422\  
 Data File : VY008624.D  
 Acq On : 04 May 2022 19:53  
 Operator : KP/MD  
 Sample : N2619-11MS  
 Misc : 5.24g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB05-13-15-FTMS

Quant Time: May 05 04:38:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050222S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 03 01:57:20 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 7.789  | 168   | 117367   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 185688   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 153525   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 64557    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.142  | 65    | 57004    | 49.972   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =     | 99.940%  |
| 35) Dibromofluoromethane     | 7.716  | 113   | 67095    | 54.607   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =     | 109.220% |
| 50) Toluene-d8               | 10.179 | 98    | 231679   | 53.222   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =     | 106.440% |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 65910    | 41.310   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =     | 82.620%  |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 55986    | 47.595   | ug/l  | 99       |
| 3) Chloromethane             | 2.113  | 50    | 71314    | 52.157   | ug/l  | 97       |
| 4) Vinyl Chloride            | 2.253  | 62    | 77918    | 47.399   | ug/l  | 98       |
| 5) Bromomethane              | 2.649  | 94    | 65026    | 53.905   | ug/l  | 95       |
| 6) Chloroethane              | 2.796  | 64    | 50511    | 47.946   | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 3.125  | 101   | 111791   | 50.280   | ug/l  | 90       |
| 8) Diethyl Ether             | 3.527  | 74    | 36122    | 50.729   | ug/l  | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 3.899  | 101   | 66841    | 51.139   | ug/l  | 94       |
| 10) Methyl Iodide            | 4.088  | 142   | 62263    | 38.425   | ug/l  | # 88     |
| 11) Tert butyl alcohol       | 4.954  | 59    | 27835    | 236.523  | ug/l  | 98       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 60691    | 49.277   | ug/l  | # 78     |
| 13) Acrolein                 | 3.729  | 56    | 29257    | 189.816  | ug/l  | 99       |
| 14) Allyl chloride           | 4.478  | 41    | 76195    | 51.675   | ug/l  | # 86     |
| 15) Acrylonitrile            | 5.161  | 53    | 82390    | 253.783  | ug/l  | 98       |
| 16) Acetone                  | 3.948  | 43    | 72812    | 296.244  | ug/l  | # 81     |
| 17) Carbon Disulfide         | 4.192  | 76    | 156865   | 44.793   | ug/l  | 98       |
| 18) Methyl Acetate           | 4.478  | 43    | 38037    | 54.456   | ug/l  | # 82     |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 177638   | 52.305   | ug/l  | 94       |
| 20) Methylene Chloride       | 4.716  | 84    | 82376    | 57.265   | ug/l  | # 77     |
| 21) trans-1,2-Dichloroethene | 5.222  | 96    | 62886    | 44.946   | ug/l  | # 75     |
| 22) Diisopropyl ether        | 6.118  | 45    | 196771   | 57.806   | ug/l  | # 87     |
| 23) Vinyl Acetate            | 6.057  | 43    | 542135   | 243.882  | ug/l  | # 89     |
| 24) 1,1-Dichloroethane       | 6.015  | 63    | 116475   | 54.283   | ug/l  | 98       |
| 25) 2-Butanone               | 6.984  | 43    | 105744   | 268.031  | ug/l  | # 73     |
| 26) 2,2-Dichloropropane      | 6.978  | 77    | 104338   | 50.770   | ug/l  | 92       |
| 27) cis-1,2-Dichloroethene   | 6.984  | 96    | 76567    | 47.818   | ug/l  | 81       |
| 28) Bromochloromethane       | 7.332  | 49    | 41431    | 50.498   | ug/l  | # 63     |
| 29) Tetrahydrofuran          | 7.344  | 42    | 68412    | 261.448  | ug/l  | # 77     |
| 30) Chloroform               | 7.502  | 83    | 124228   | 51.671   | ug/l  | 99       |
| 31) Cyclohexane              | 7.783  | 56    | 106113   | 53.894   | ug/l  | # 85     |
| 32) 1,1,1-Trichloroethane    | 7.703  | 97    | 115953   | 52.579   | ug/l  | 93       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 87146    | 45.611   | ug/l  | 95       |
| 37) Ethyl Acetate            | 7.069  | 43    | 46674    | 47.635   | ug/l  | # 92     |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 106238   | 48.738   | ug/l  | 99       |
| 39) Methylcyclohexane        | 9.185  | 83    | 119333   | 47.347   | ug/l  | # 84     |
| 40) Benzene                  | 8.161  | 78    | 276166   | 50.041   | ug/l  | 95       |

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Quant Time: May 05 04:38:45 2022  
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 Quant Title : SW846 8260  
 QLast Update : Tue May 03 01:57:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 61231    | 142.442  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 70124    | 43.900   | ug/l   | 85       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 94001    | 52.727   | ug/l # | 89       |
| 44) Trichloroethene           | 8.941  | 130  | 73874    | 42.674   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 68884    | 53.503   | ug/l   | 96       |
| 46) Dibromomethane            | 9.307  | 93   | 38938    | 43.324   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.496  | 83   | 92918    | 47.447   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 35212    | 44.934   | ug/l # | 74       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 11491    | 1008.352 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 231824   | 247.745  | ug/l # | 84       |
| 52) Toluene                   | 10.246 | 92   | 167123   | 45.306   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 77770    | 37.565   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 97558    | 42.416   | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 58824    | 46.968   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 71197    | 45.002   | ug/l # | 71       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 90656    | 45.344   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 167674   | 208.809  | ug/l   | 91       |
| 59) 2-Hexanone                | 10.831 | 43   | 147621   | 231.654  | ug/l   | 80       |
| 60) Dibromochloromethane      | 10.983 | 129  | 70672    | 45.111   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 50908    | 40.163   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 74954    | 53.519   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 167676   | 45.342   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 77751    | 55.690   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 307542   | 49.433   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.703 | 106  | 239626   | 94.285   | ug/l   | 89       |
| 69) o-Xylene                  | 12.032 | 106  | 120344   | 49.408   | ug/l   | 88       |
| 70) Styrene                   | 12.044 | 104  | 176799   | 43.664   | ug/l   | 94       |
| 71) Bromoform                 | 12.209 | 173  | 43928    | 47.331   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 317969   | 63.136   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 63547    | 56.462   | ug/l # | 80       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 66187    | 64.944   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 74268    | 107.770  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 69141    | 52.033   | ug/l   | 88       |
| 78) n-propylbenzene           | 12.672 | 91   | 339207   | 57.879   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 186479   | 56.515   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 249545   | 59.973   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 18533    | 54.524   | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 172402   | 50.720   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 242126   | 64.968   | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 232108   | 56.122   | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 333455   | 60.711   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 270678   | 58.047   | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 117838   | 45.853   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 115144   | 45.424   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.696 | 91   | 209655   | 51.043   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.964 | 117  | 56676    | 65.626   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 112655   | 49.121   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 8967     | 57.813   | ug/l   | 61       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 50219    | 34.317   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 41536    | 50.260   | ug/l   | 97       |
| 95) Naphthalene               | 15.239 | 128  | 122900   | 41.881   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 49331    | 37.980   | ug/l   | 100      |

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Quant Title : SW846 8260  
QLast Update : Tue May 03 01:57:20 2022  
Response via : Initial Calibration

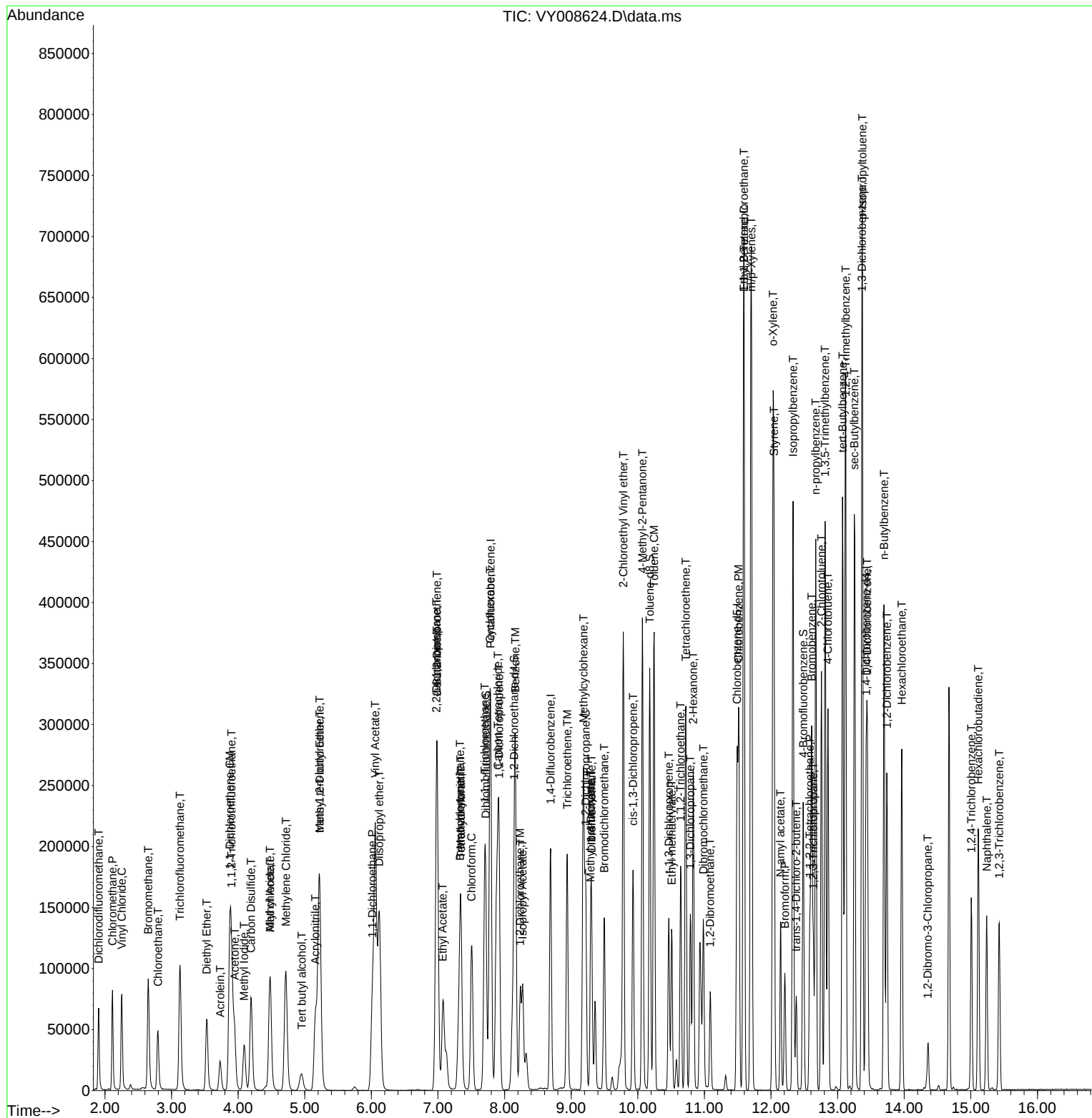
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

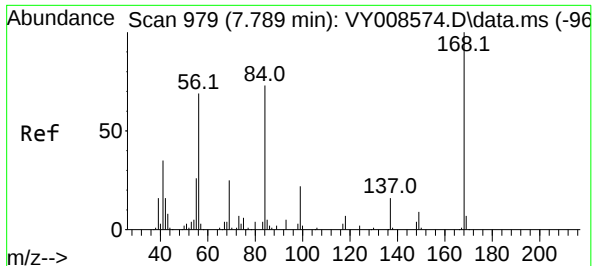
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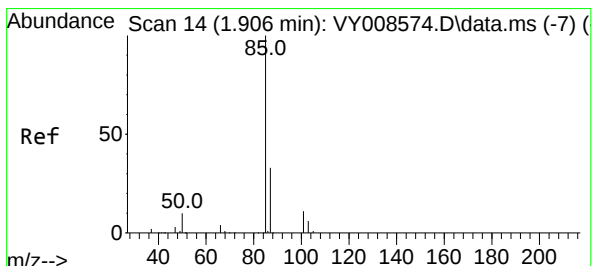
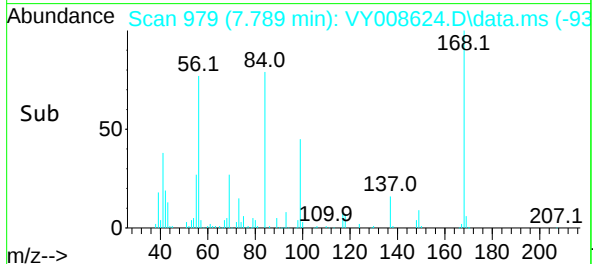
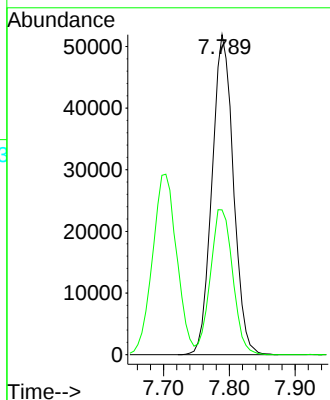
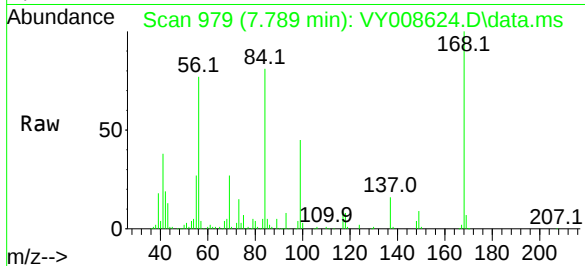




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

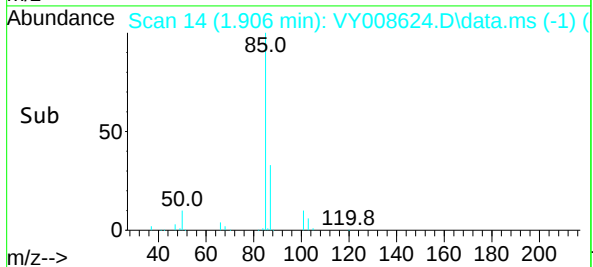
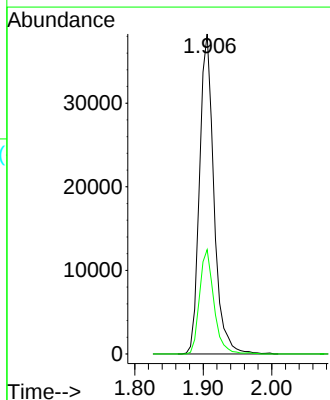
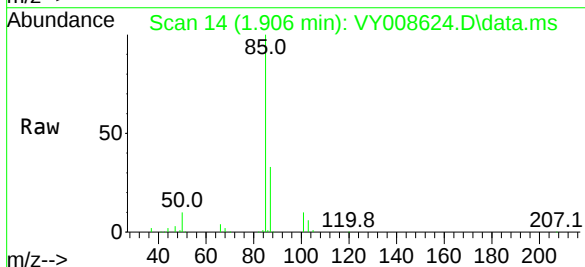
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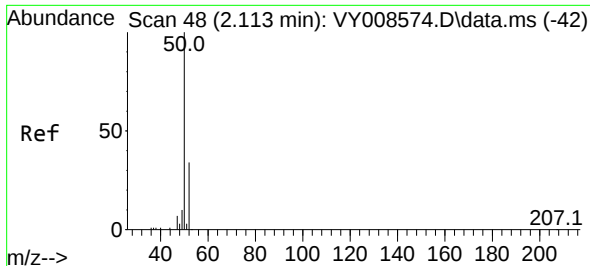
Tgt Ion:168 Resp: 117367  
Ion Ratio Lower Upper  
168 100  
99 45.3 46.9 70.3#



#2  
Dichlorodifluoromethane  
Concen: 47.595 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 85 Resp: 55986  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.1 48.2

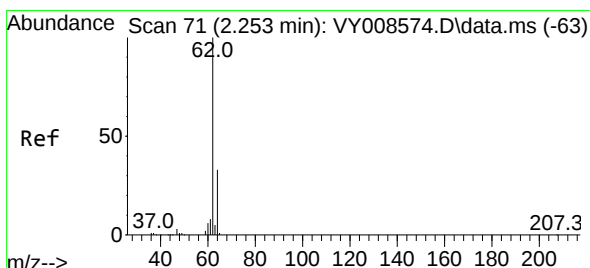
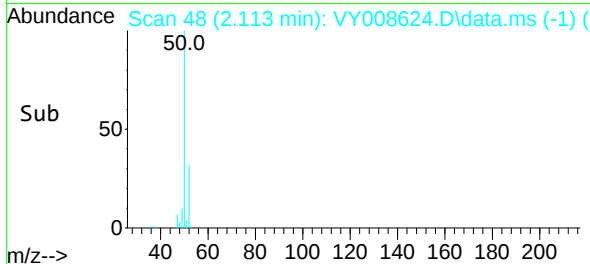
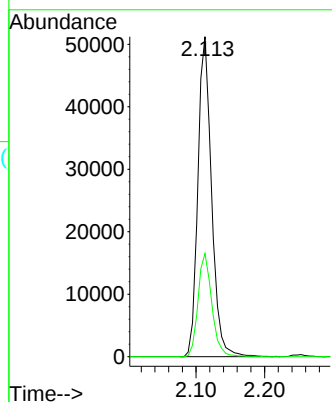
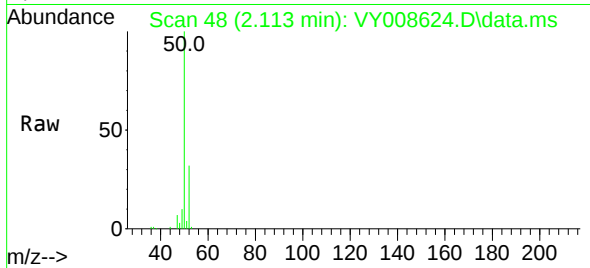




#3  
Chloromethane  
Concen: 52.157 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

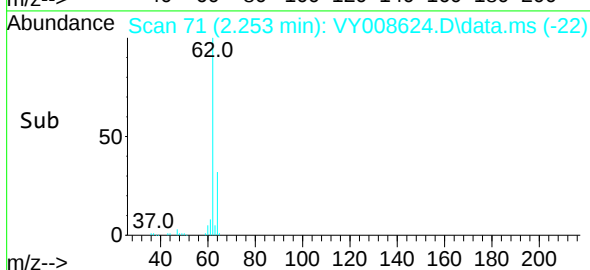
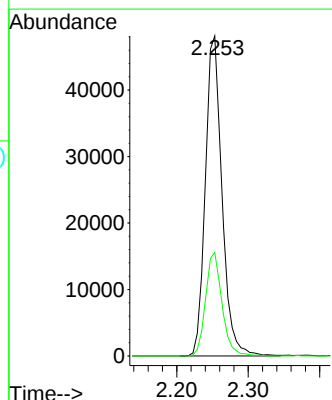
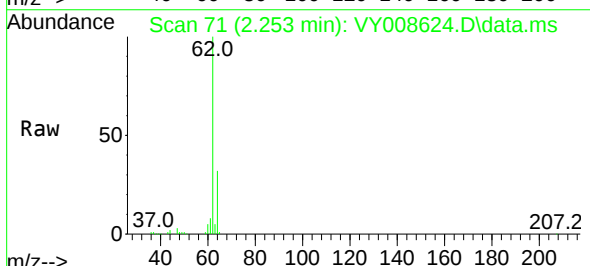
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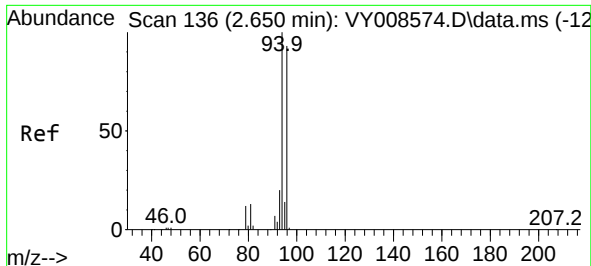
Tgt Ion: 50 Resp: 71314  
Ion Ratio Lower Upper  
50 100  
52 32.3 24.6 37.0



#4  
Vinyl Chloride  
Concen: 47.399 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 62 Resp: 77918  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.0 37.6

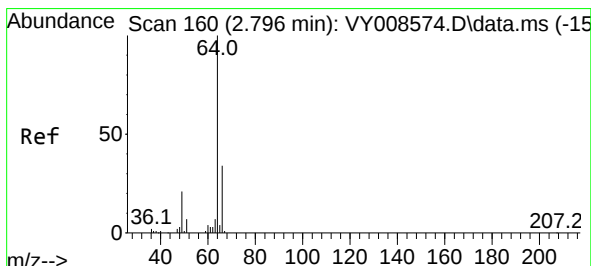
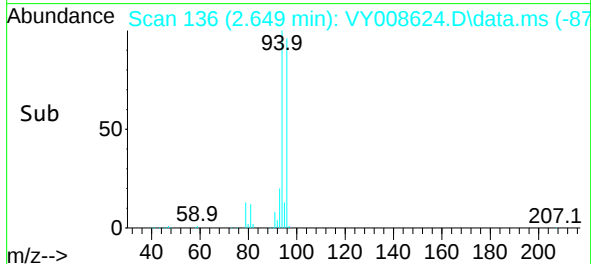
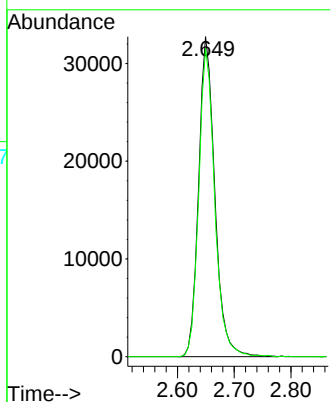
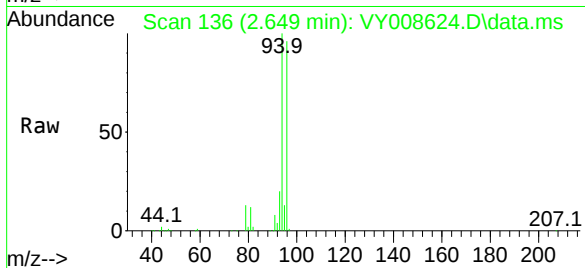




#5  
Bromomethane  
Concen: 53.905 ug/l  
RT: 2.649 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY008624.D  
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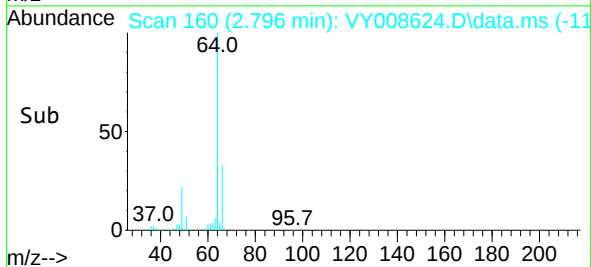
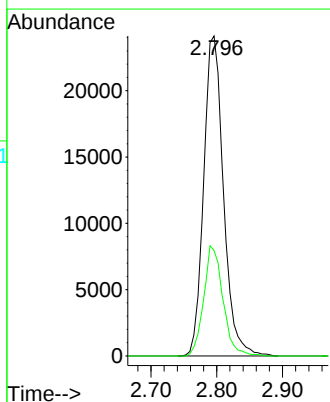
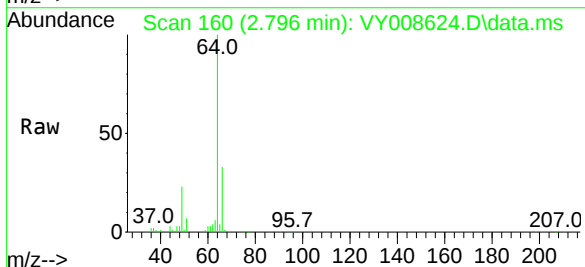
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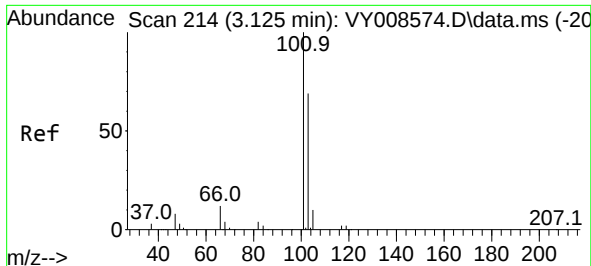
Tgt Ion: 94 Resp: 65026  
Ion Ratio Lower Upper  
94 100  
96 96.3 73.5 110.3



#6  
Chloroethane  
Concen: 47.946 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
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Tgt Ion: 64 Resp: 50511  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.4 38.0

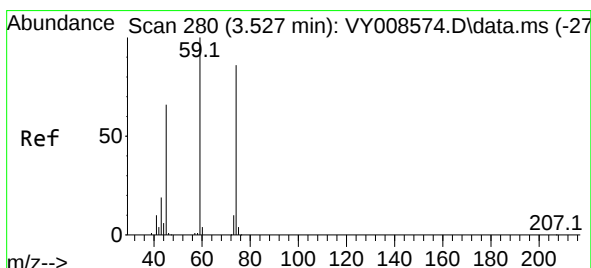
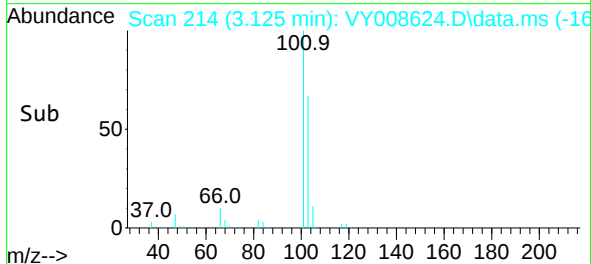
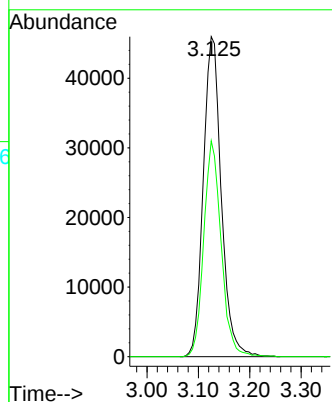
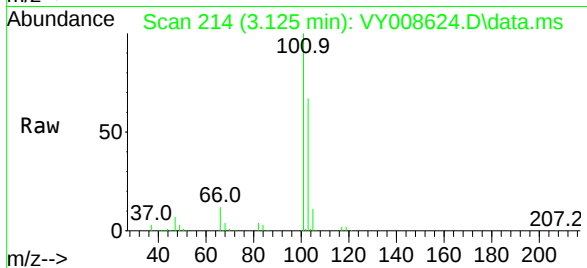




#7  
 Trichlorofluoromethane  
 Concen: 50.280 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. -0.000 min  
 Lab File: VY008624.D  
 Acq: 04 May 2022 19:53

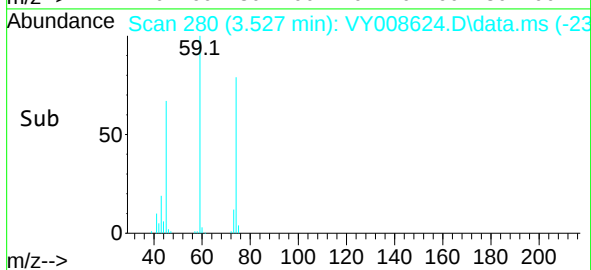
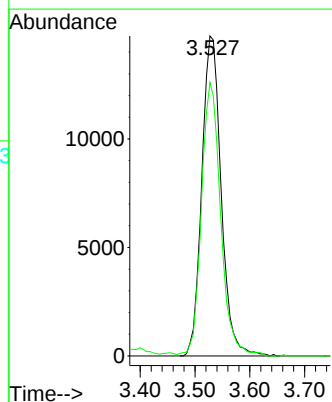
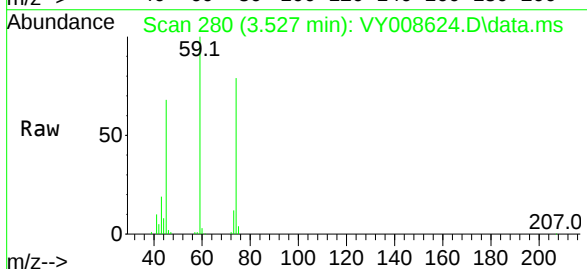
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB05-13-15-FTMS

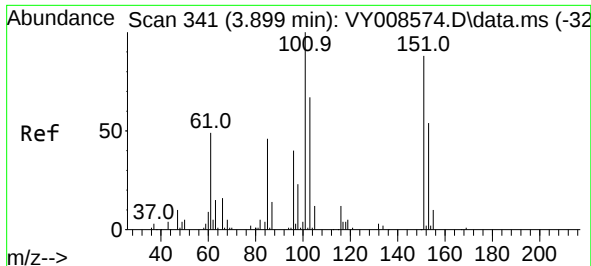
Tgt Ion:101 Resp: 111791  
 Ion Ratio Lower Upper  
 101 100  
 103 67.4 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 50.729 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. -0.000 min  
 Lab File: VY008624.D  
 Acq: 04 May 2022 19:53

Tgt Ion: 74 Resp: 36122  
 Ion Ratio Lower Upper  
 74 100  
 45 85.0 55.1 165.5

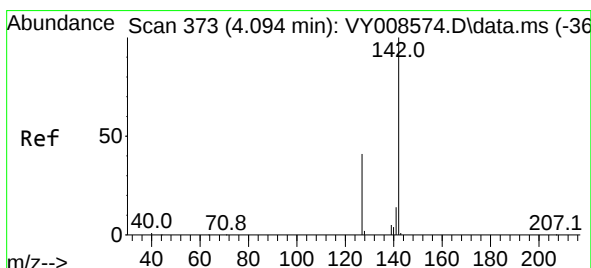
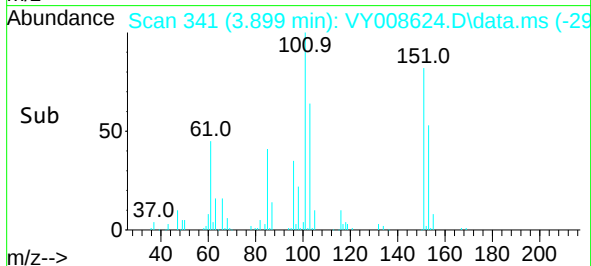
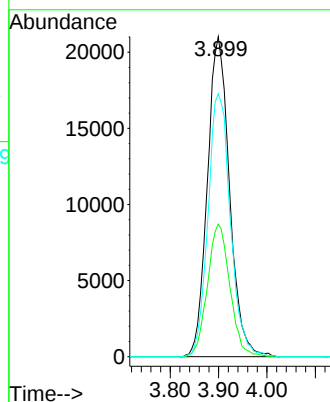
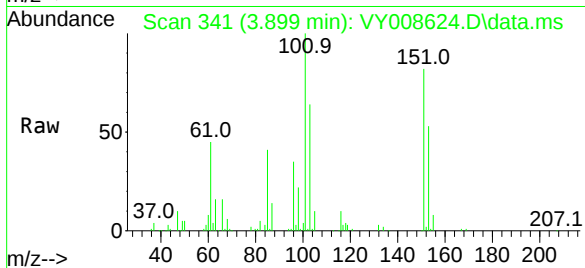




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.139 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

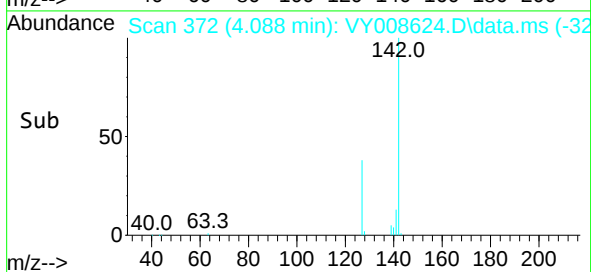
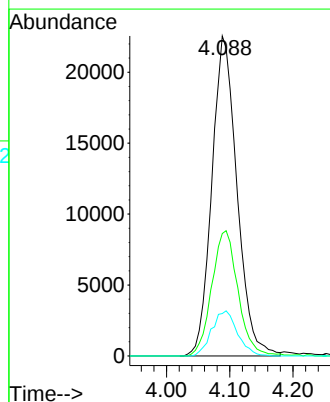
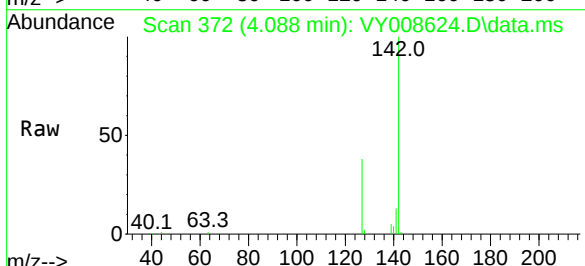
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

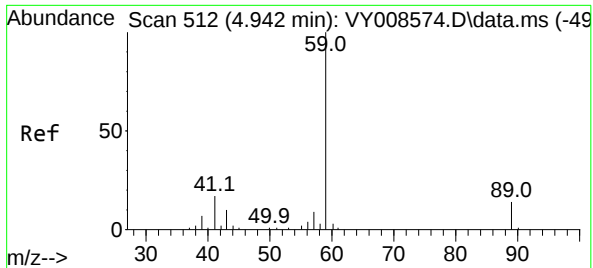
Tgt Ion:101 Resp: 66841  
Ion Ratio Lower Upper  
101 100  
85 41.9 40.6 60.8  
151 83.4 64.9 97.3



#10  
Methyl Iodide  
Concen: 38.425 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion:142 Resp: 62263  
Ion Ratio Lower Upper  
142 100  
127 40.9 41.5 62.3#  
141 14.4 11.9 17.9

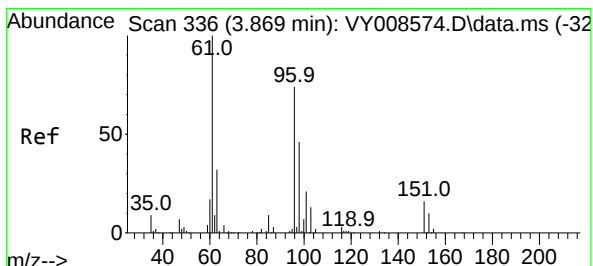
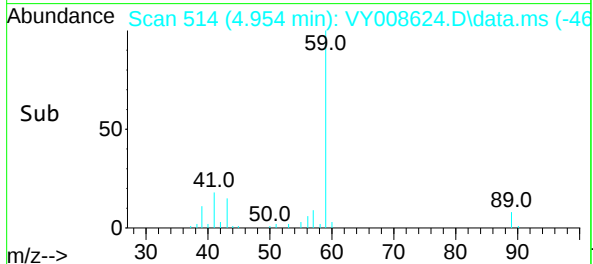
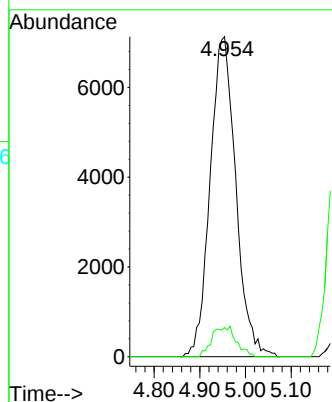
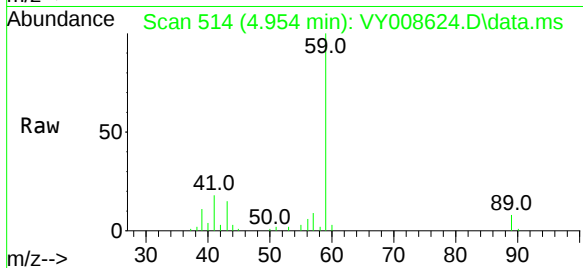




#11  
Tert butyl alcohol  
Concen: 236.523 ug/l  
RT: 4.954 min Scan# 512  
Delta R.T. 0.012 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

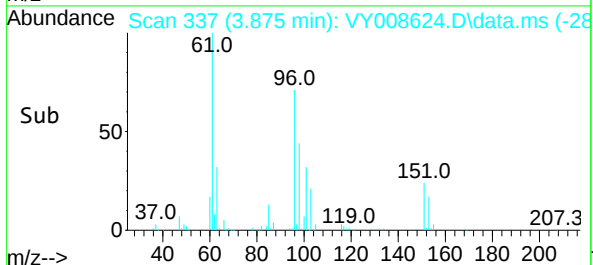
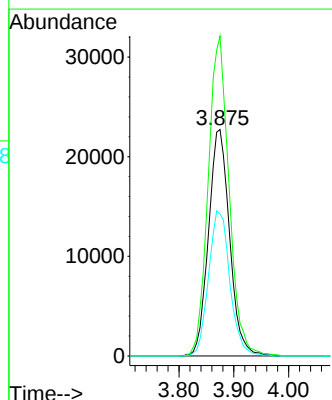
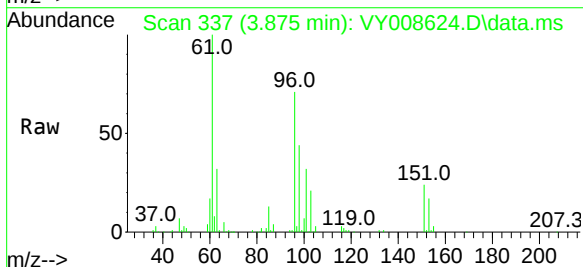
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

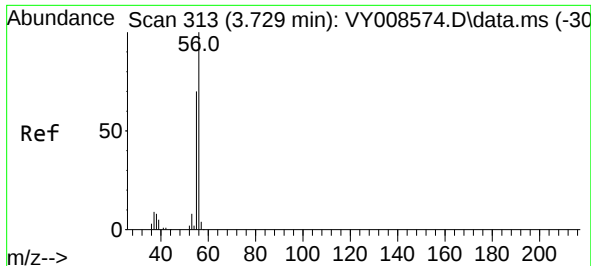
Tgt Ion: 59 Resp: 27835  
Ion Ratio Lower Upper  
59 100  
57 8.9 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 49.277 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.006 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 96 Resp: 60691  
Ion Ratio Lower Upper  
96 100  
61 141.3 145.8 218.6#  
98 62.7 52.5 78.7





#13

Acrolein

Concen: 189.816 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

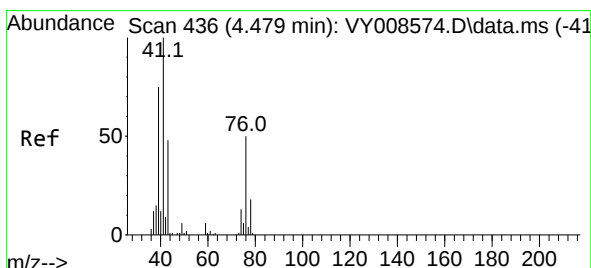
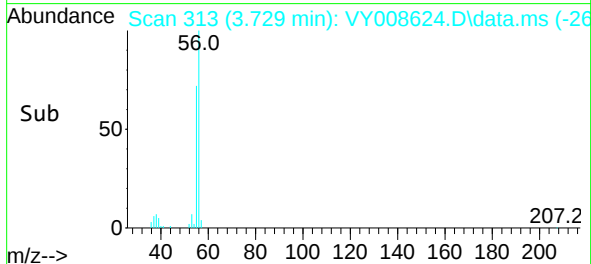
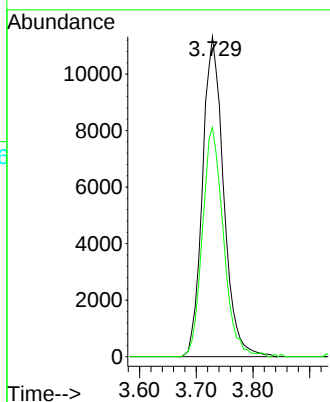
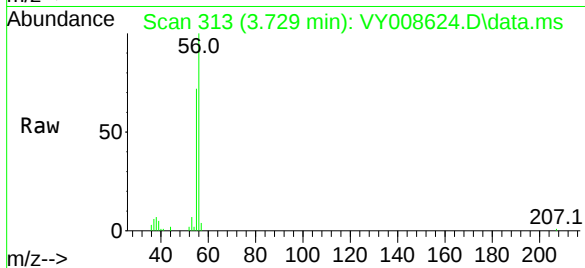
SB05-13-15-FTMS

Tgt Ion: 56 Resp: 29257

Ion Ratio Lower Upper

56 100

55 71.3 57.6 86.4



#14

Allyl chloride

Concen: 51.675 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

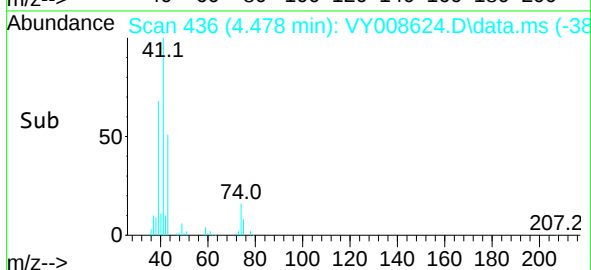
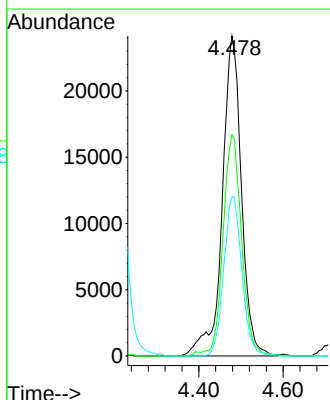
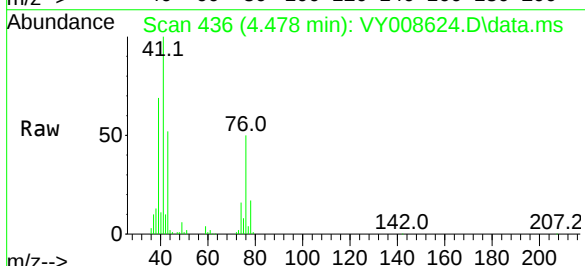
Tgt Ion: 41 Resp: 76195

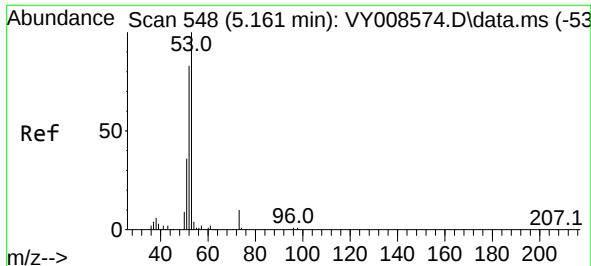
Ion Ratio Lower Upper

41 100

39 67.0 58.8 88.2

76 47.0 25.1 37.7#

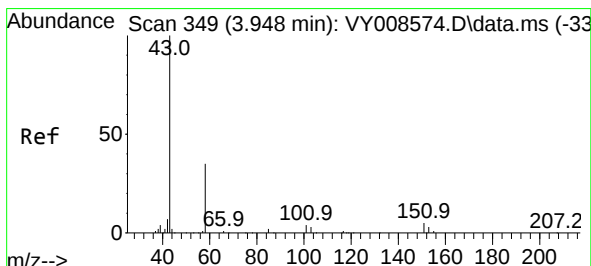
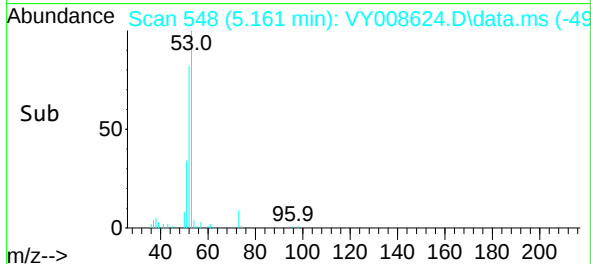
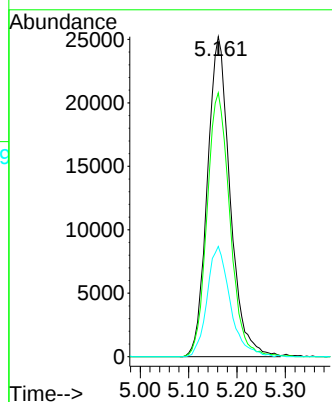
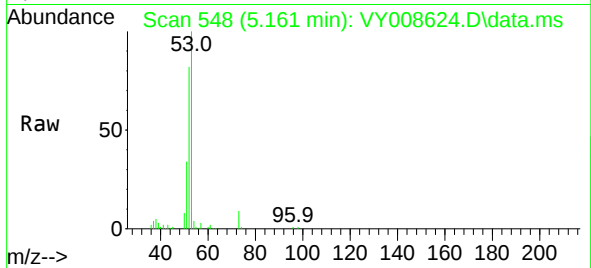




#15  
Acrylonitrile  
Concen: 253.783 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

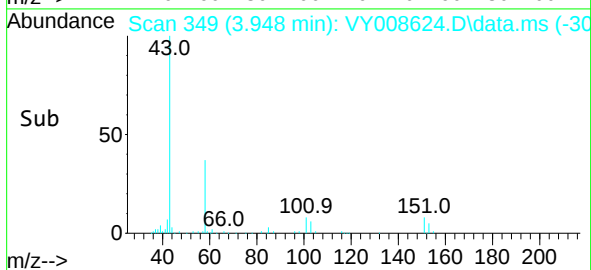
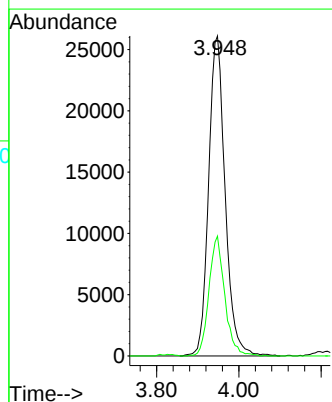
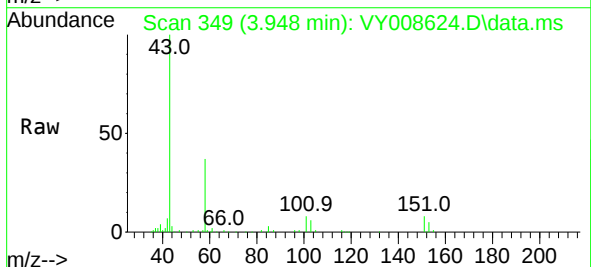
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

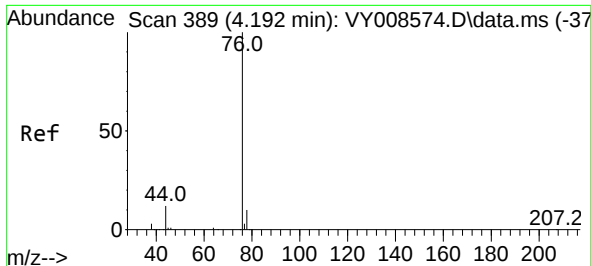
Tgt Ion: 53 Resp: 82390  
Ion Ratio Lower Upper  
53 100  
52 82.8 67.0 100.4  
51 35.0 29.8 44.6



#16  
Acetone  
Concen: 296.244 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 43 Resp: 72812  
Ion Ratio Lower Upper  
43 100  
58 37.5 22.0 33.0#

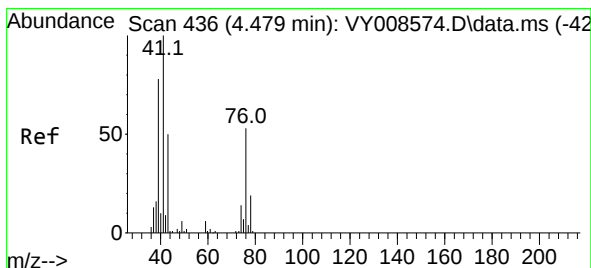
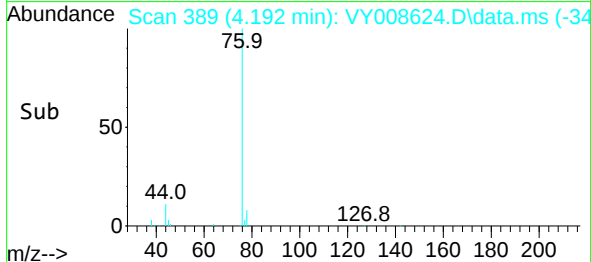
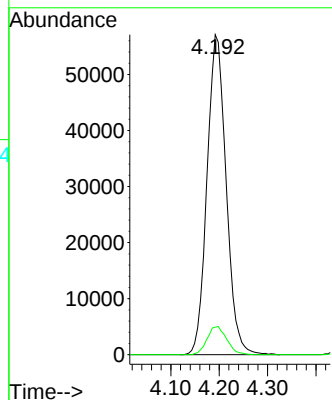
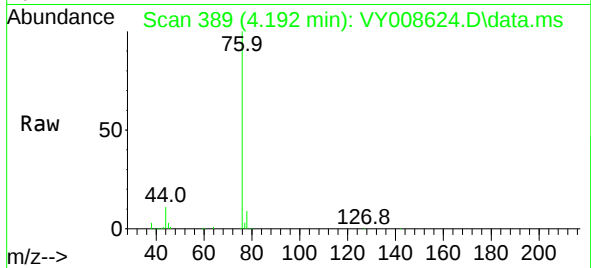




#17  
Carbon Disulfide  
Concen: 44.793 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

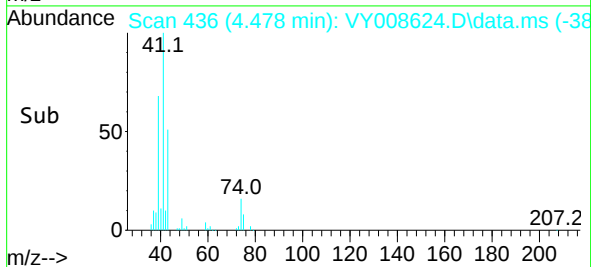
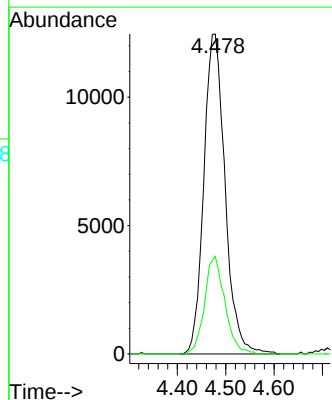
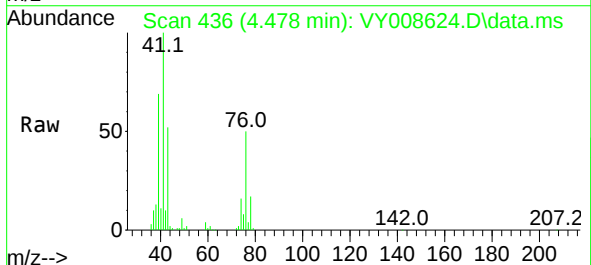
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

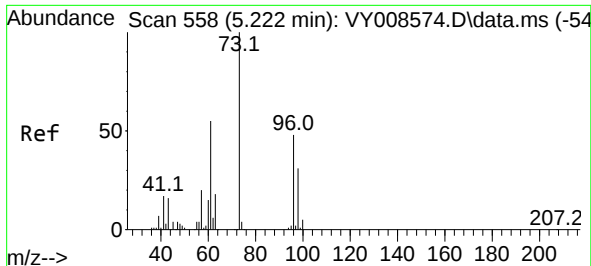
Tgt Ion: 76 Resp: 156865  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 54.456 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. -0.001 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 43 Resp: 38037  
Ion Ratio Lower Upper  
43 100  
74 29.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 52.305 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

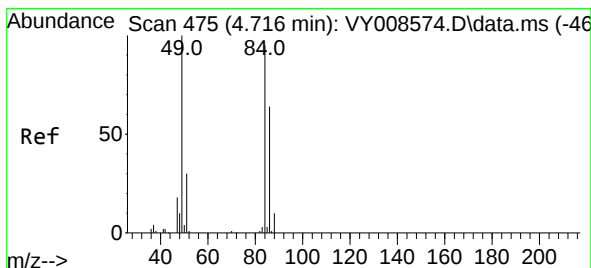
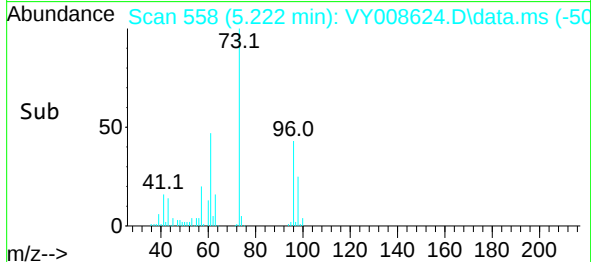
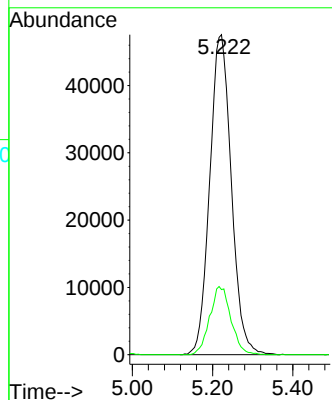
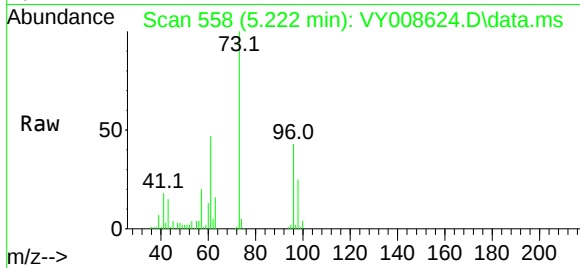
SB05-13-15-FTMS

Tgt Ion: 73 Resp: 177638

Ion Ratio Lower Upper

73 100

57 20.4 18.6 27.8



#20

Methylene Chloride

Concen: 57.265 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Tgt Ion: 84 Resp: 82376

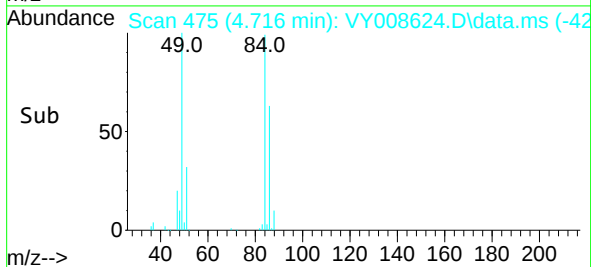
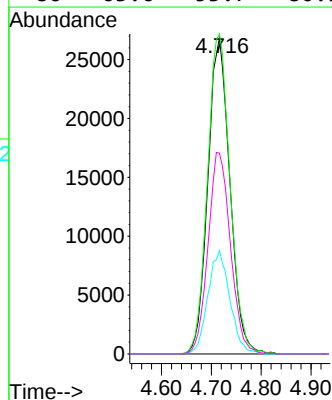
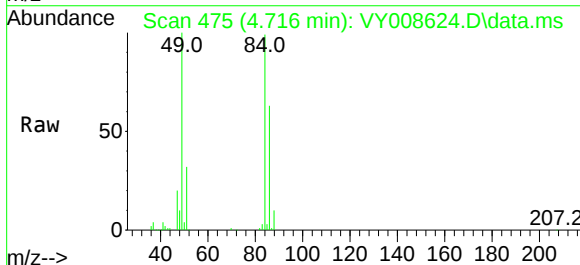
Ion Ratio Lower Upper

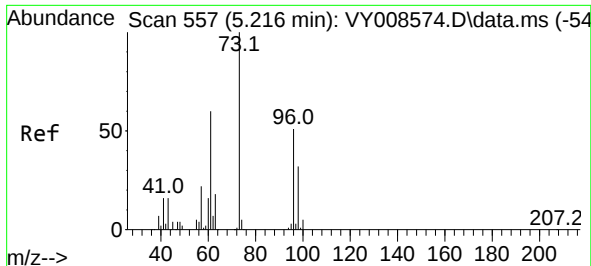
84 100

49 101.3 114.4 171.6#

51 32.7 35.3 52.9#

86 63.6 53.7 80.5

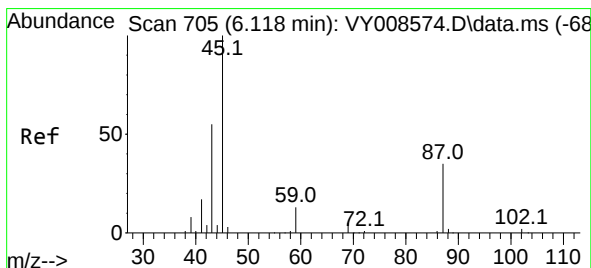
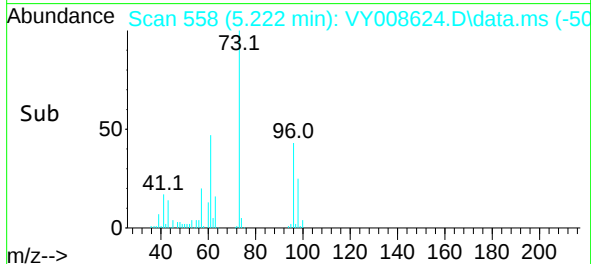
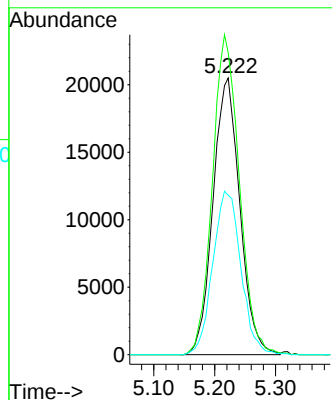
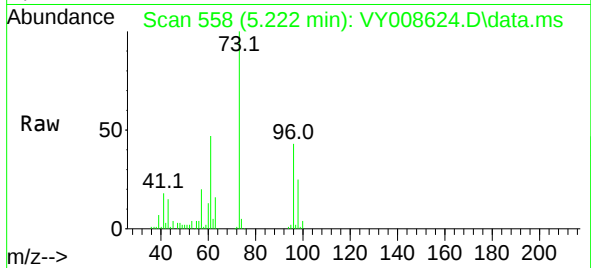




#21  
trans-1,2-Dichloroethene  
Concen: 44.946 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

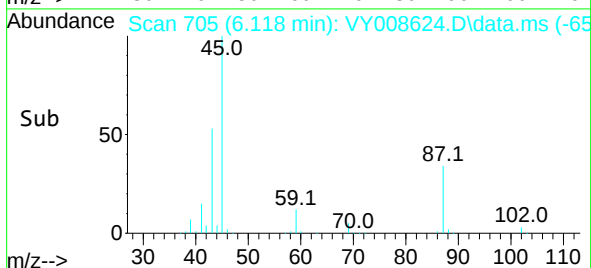
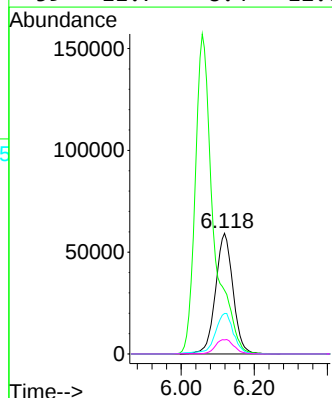
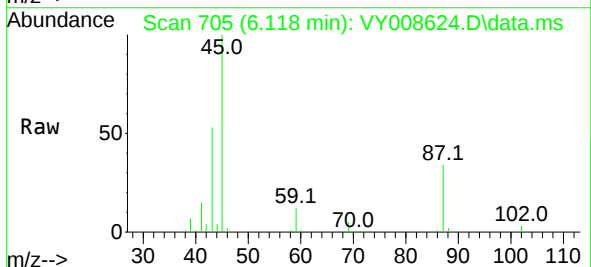
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

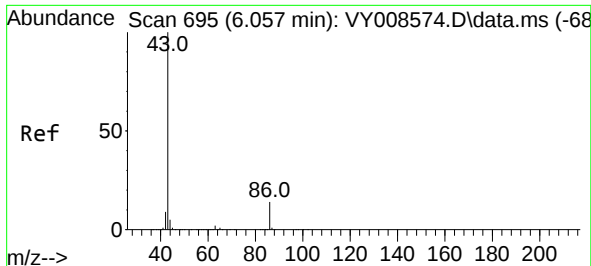
Tgt Ion: 96 Resp: 62886  
Ion Ratio Lower Upper  
96 100  
61 109.2 120.5 180.7#  
98 57.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 57.806 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 45 Resp: 196771  
Ion Ratio Lower Upper  
45 100  
43 52.6 49.3 73.9  
87 33.6 19.2 28.8#  
59 11.7 8.4 12.6

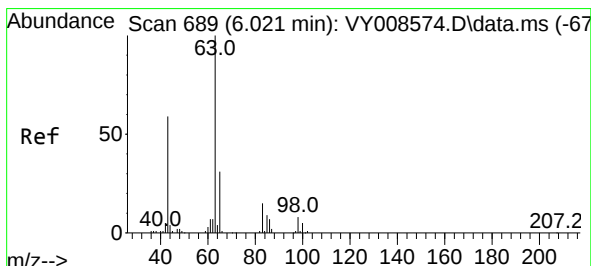
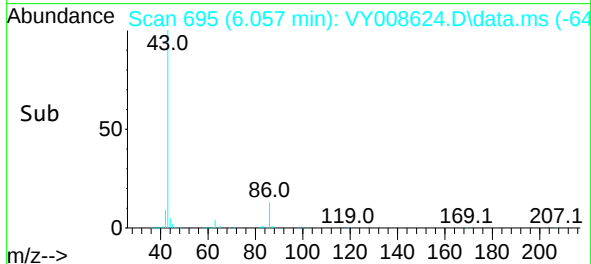
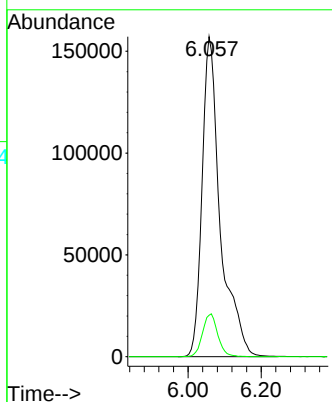
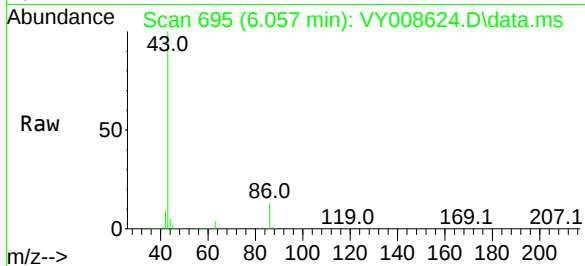




#23  
 Vinyl Acetate  
 Concen: 243.882 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. -0.000 min  
 Lab File: VY008624.D  
 Acq: 04 May 2022 19:53

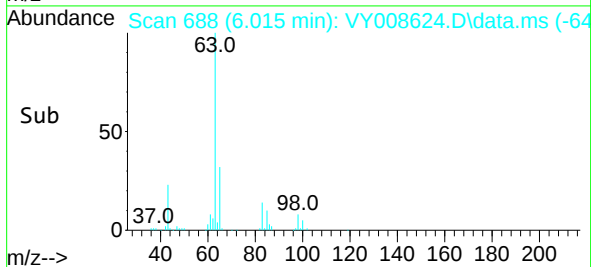
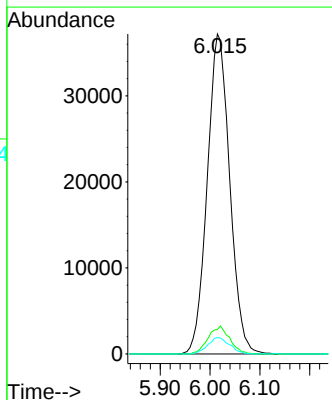
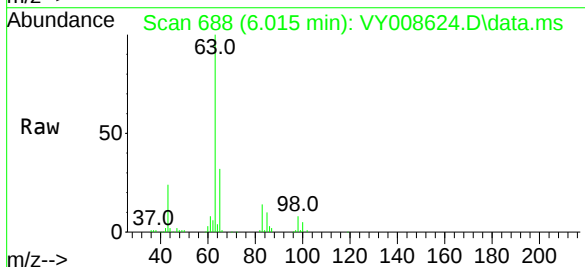
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB05-13-15-FTMS

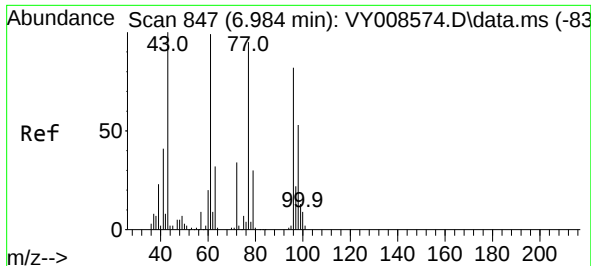
Tgt Ion: 43 Resp: 542135  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 54.283 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY008624.D  
 Acq: 04 May 2022 19:53

Tgt Ion: 63 Resp: 116475  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.6 10.8  
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 268.031 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

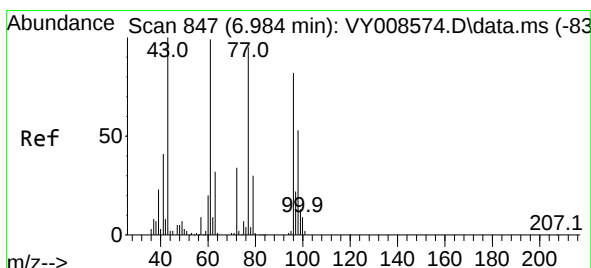
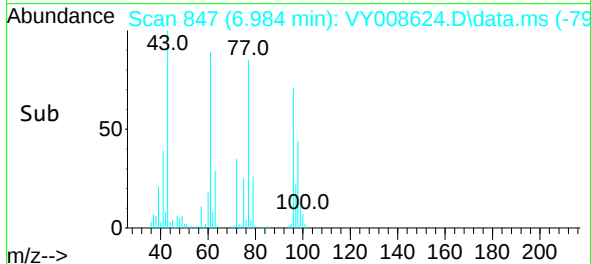
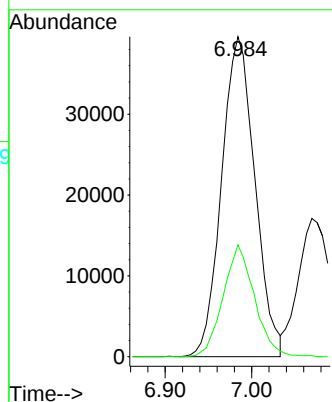
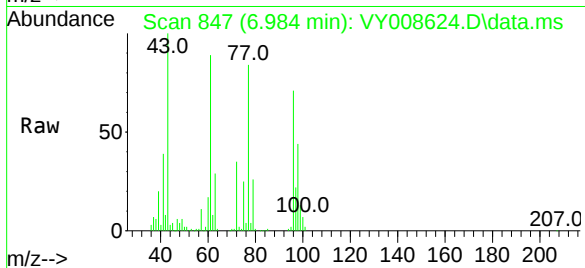
SB05-13-15-FTMS

Tgt Ion: 43 Resp: 105744

Ion Ratio Lower Upper

43 100

72 35.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 50.770 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008624.D

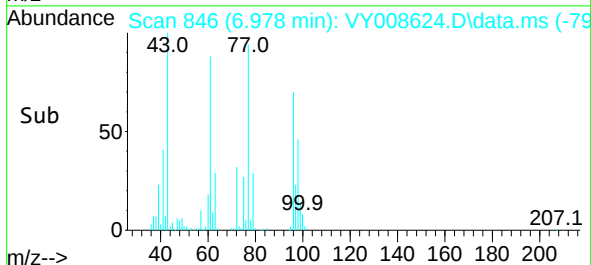
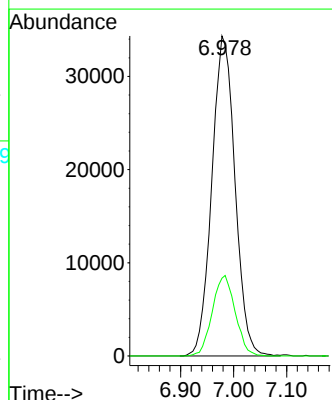
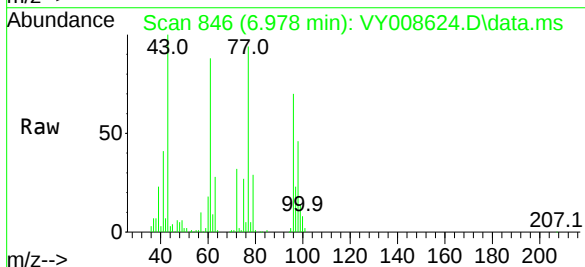
Acq: 04 May 2022 19:53

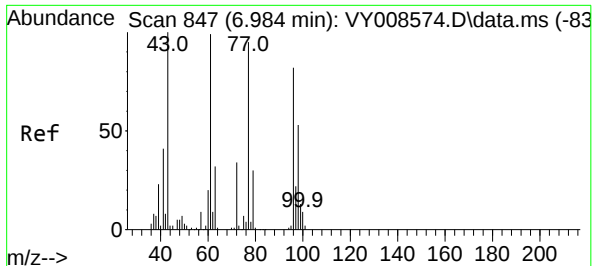
Tgt Ion: 77 Resp: 104338

Ion Ratio Lower Upper

77 100

97 24.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 47.818 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

SB05-13-15-FTMS

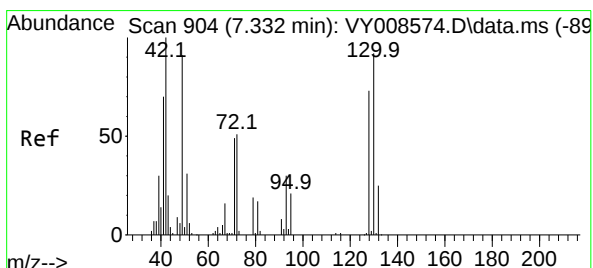
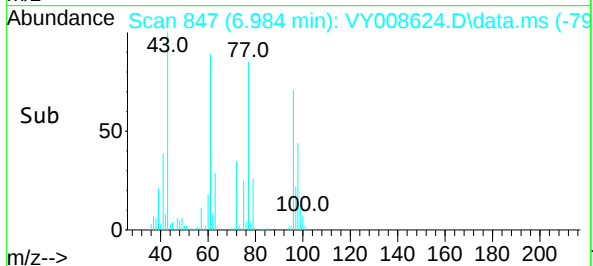
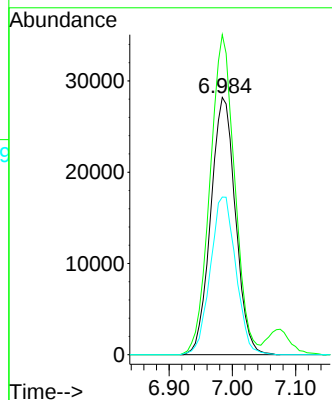
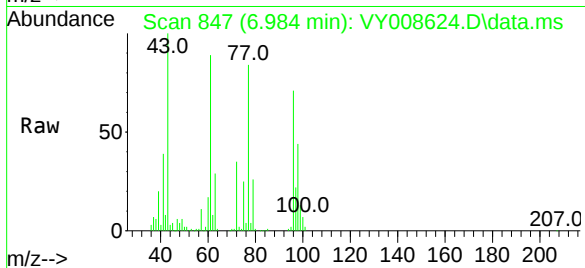
Tgt Ion: 96 Resp: 76567

Ion Ratio Lower Upper

96 100

61 124.8 0.0 319.8

98 63.3 0.0 127.0



#28

Bromochloromethane

Concen: 50.498 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

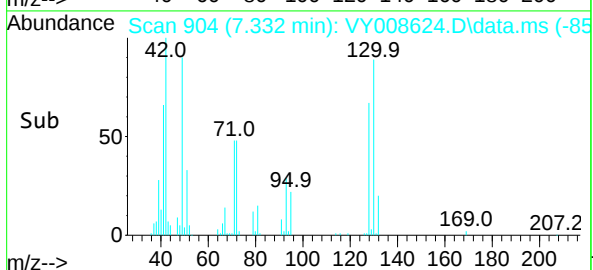
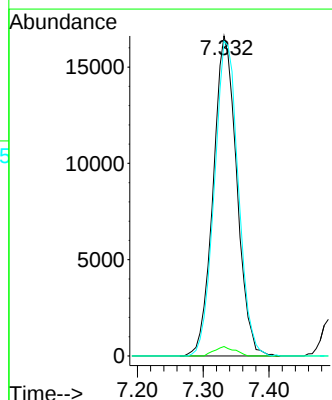
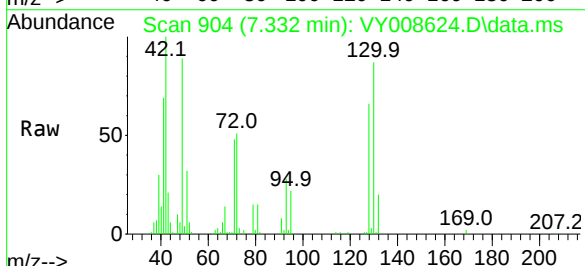
Tgt Ion: 49 Resp: 41431

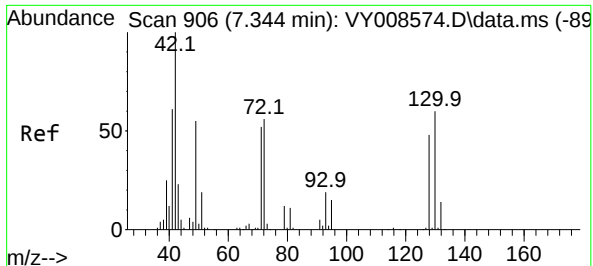
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 99.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 261.448 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

SB05-13-15-FTMS

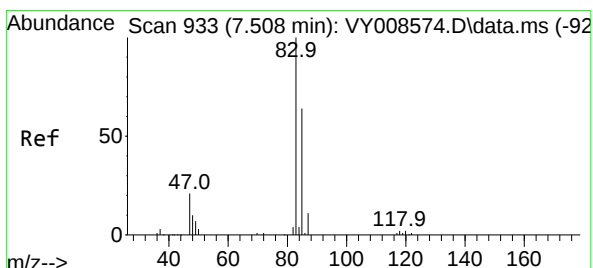
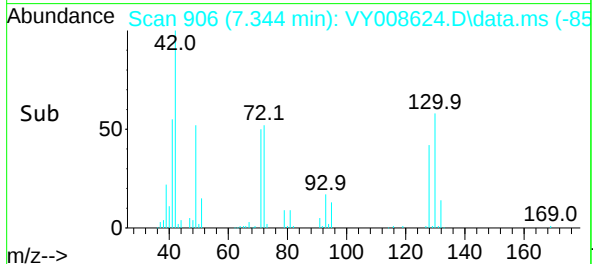
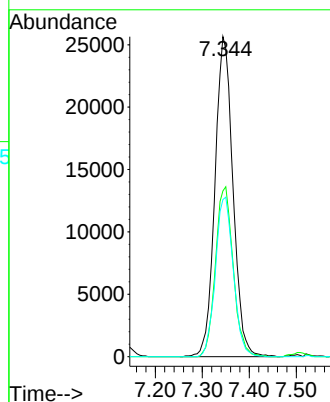
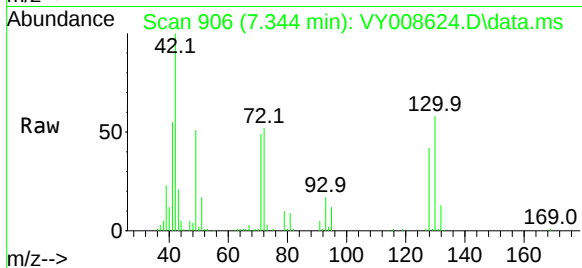
Tgt Ion: 42 Resp: 68412

Ion Ratio Lower Upper

42 100

72 52.1 30.3 45.5#

71 49.4 29.0 43.4#



#30

Chloroform

Concen: 51.671 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008624.D

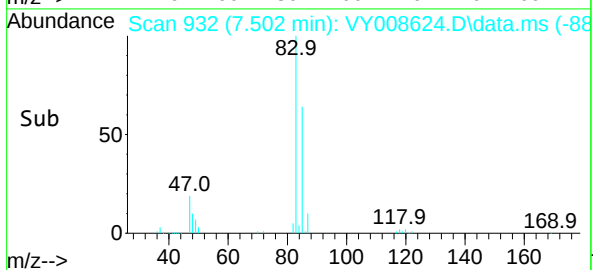
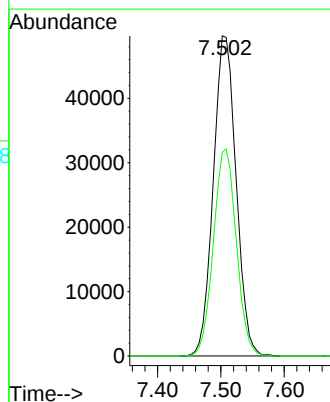
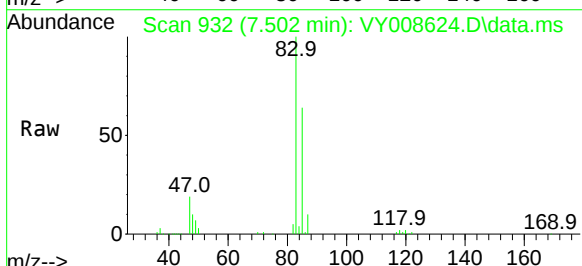
Acq: 04 May 2022 19:53

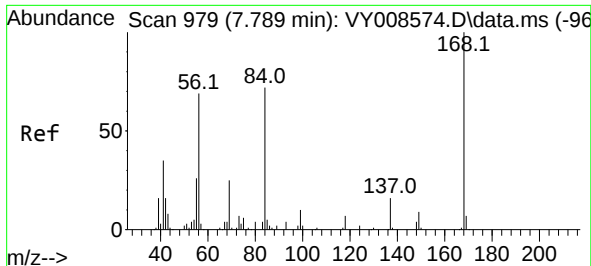
Tgt Ion: 83 Resp: 124228

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.6

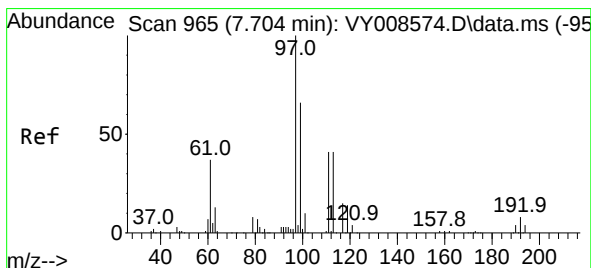
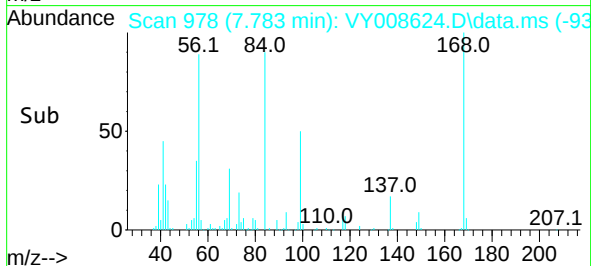
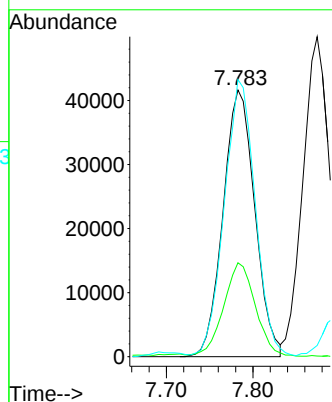
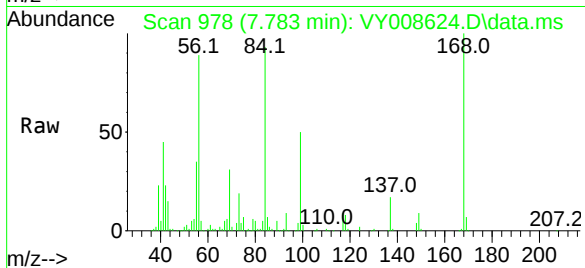




#31  
Cyclohexane  
Concen: 53.894 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

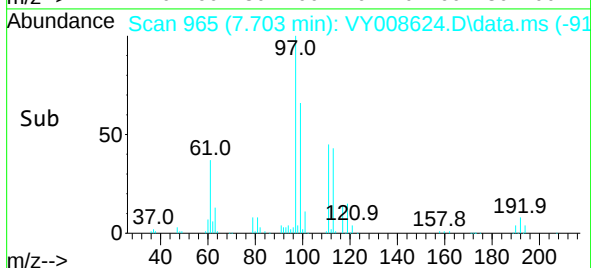
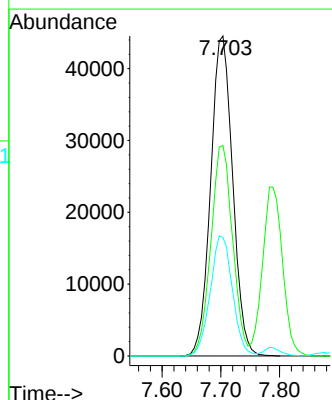
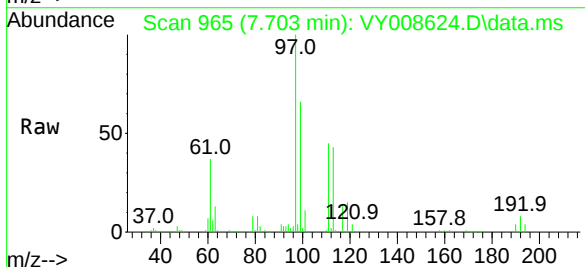
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

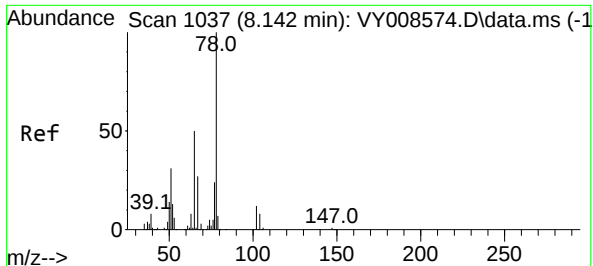
Tgt Ion: 56 Resp: 106113  
Ion Ratio Lower Upper  
56 100  
69 34.2 26.7 40.1  
84 102.6 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 52.579 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 97 Resp: 115953  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.7 76.1  
61 37.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.972 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

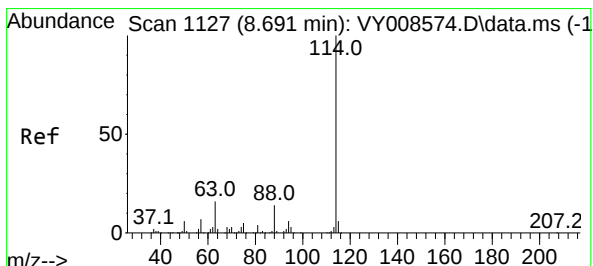
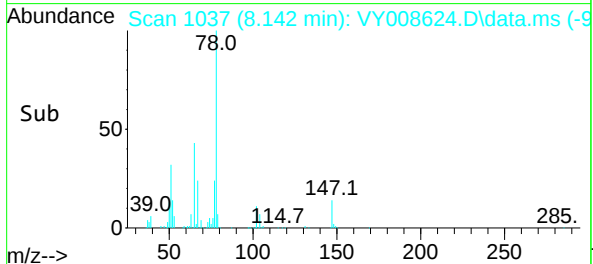
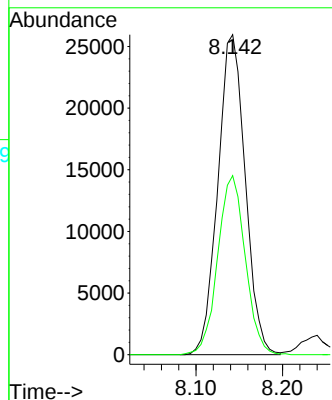
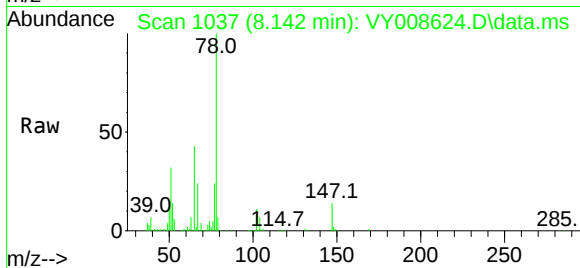
SB05-13-15-FTMS

Tgt Ion: 65 Resp: 57004

Ion Ratio Lower Upper

65 100

67 56.3 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: VY008624.D

Acq: 04 May 2022 19:53

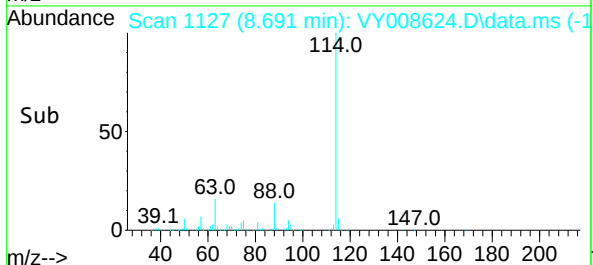
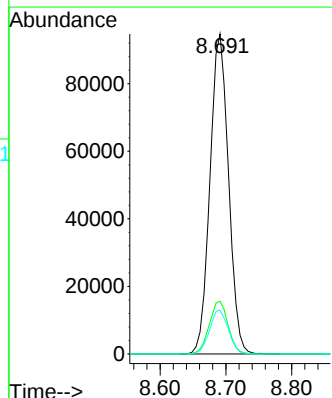
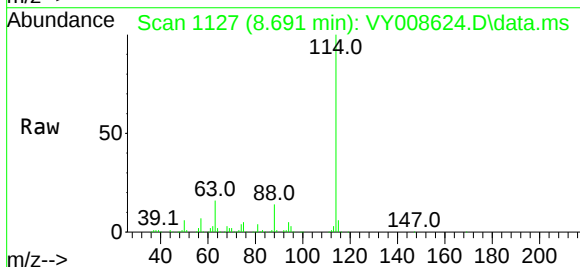
Tgt Ion: 114 Resp: 185688

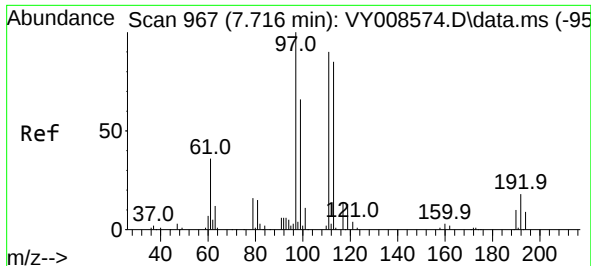
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.7 0.0 31.8

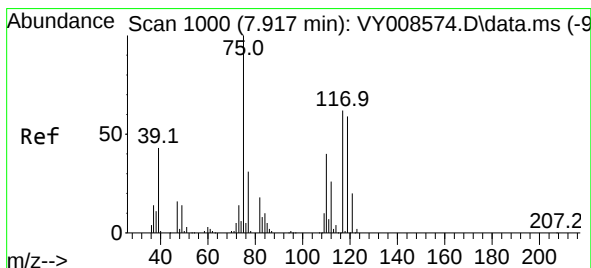
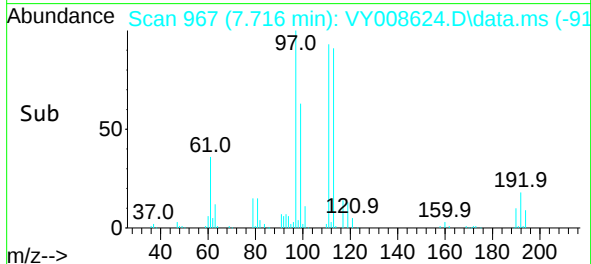
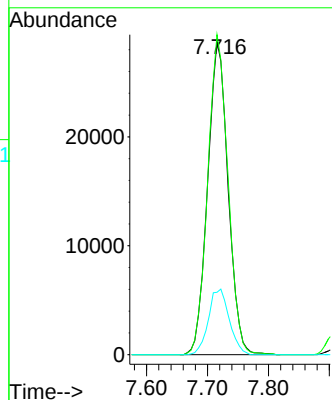
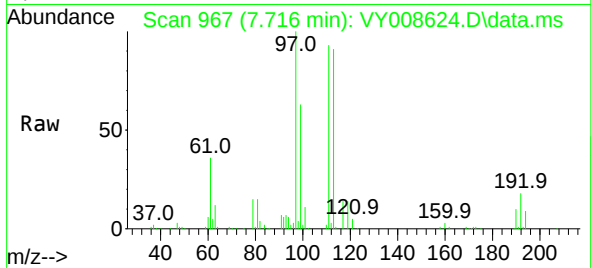




#35  
Dibromofluoromethane  
Concen: 54.607 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

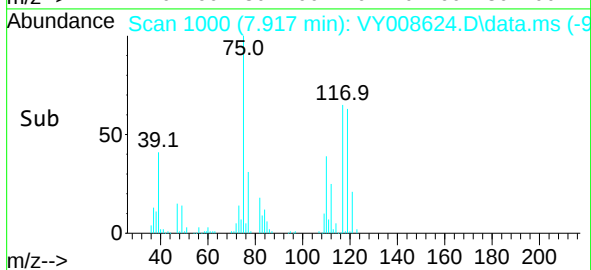
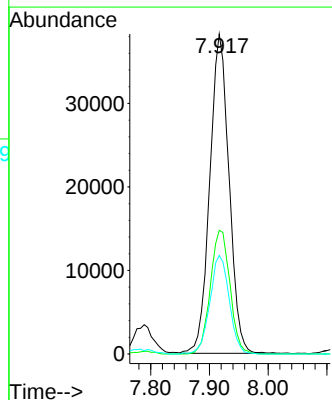
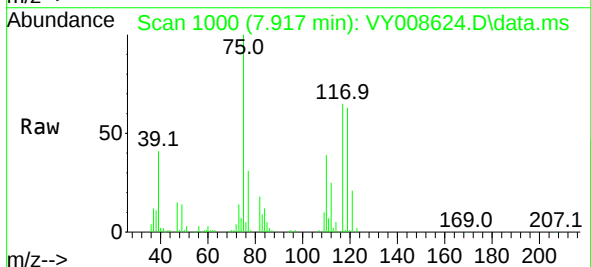
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

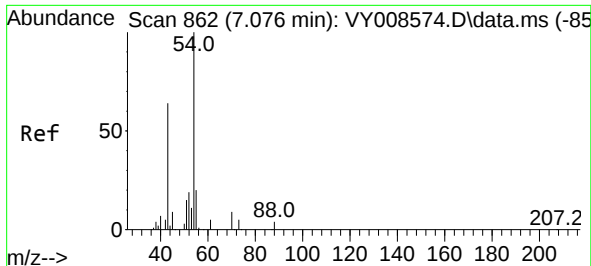
Tgt Ion:113 Resp: 67095  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.6 124.0  
192 21.4 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 45.611 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 75 Resp: 87146  
Ion Ratio Lower Upper  
75 100  
110 39.3 17.1 51.2  
77 31.0 24.4 36.6

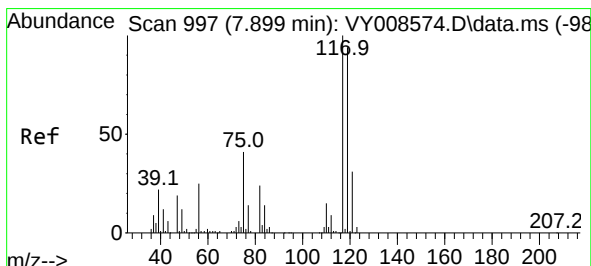
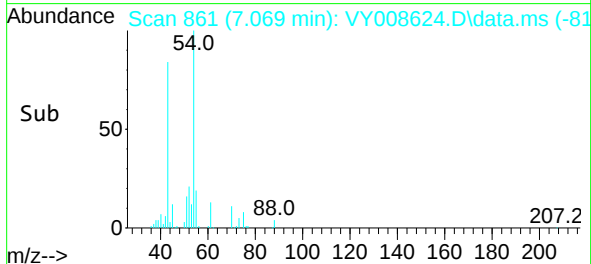
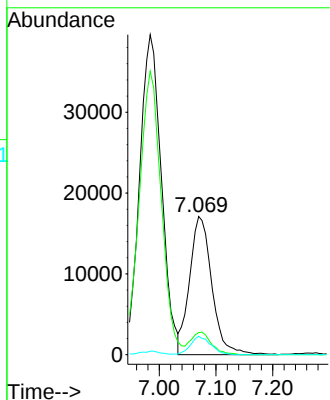
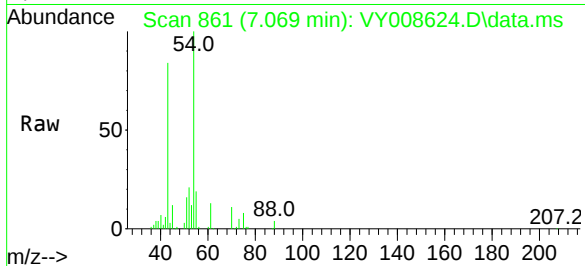




#37  
Ethyl Acetate  
Concen: 47.635 ug/l  
RT: 7.069 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

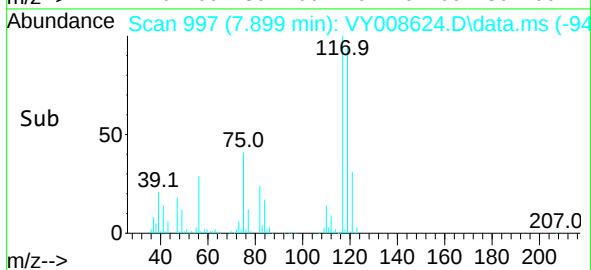
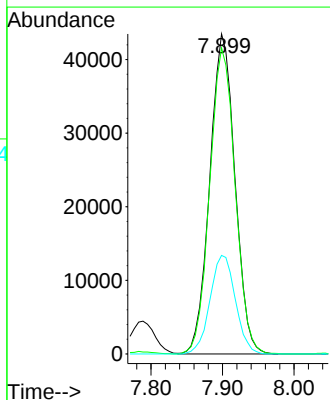
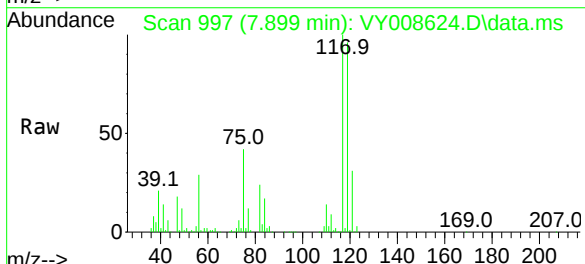
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

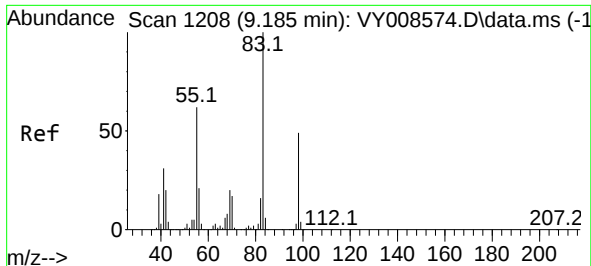
Tgt Ion: 43 Resp: 46674  
Ion Ratio Lower Upper  
43 100  
61 15.0 9.7 14.5#  
70 12.1 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 48.738 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 117 Resp: 106238  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.9 116.9  
121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 47.347 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

SB05-13-15-FTMS

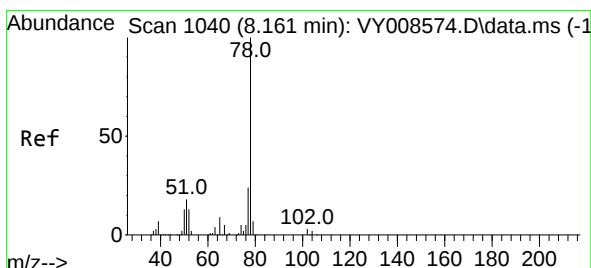
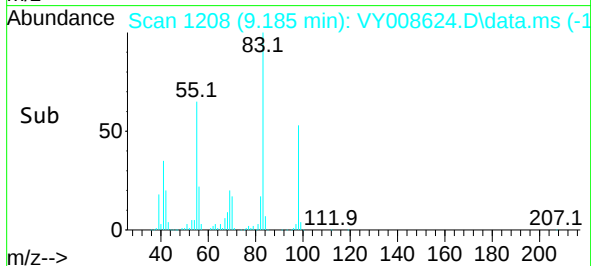
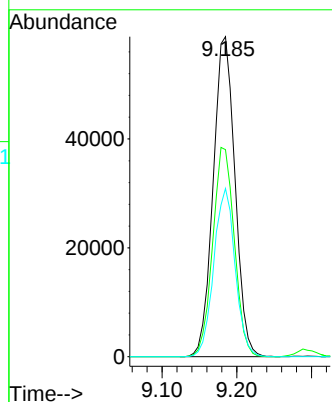
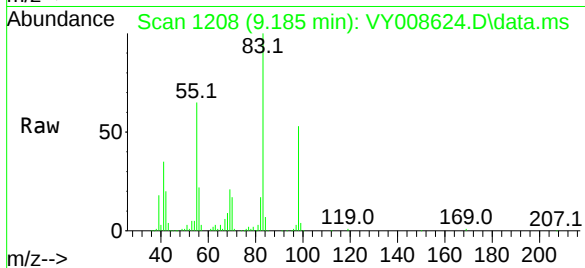
Tgt Ion: 83 Resp: 119333

Ion Ratio Lower Upper

83 100

55 64.7 66.5 99.7#

98 52.5 37.9 56.9



#40

Benzene

Concen: 50.041 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008624.D

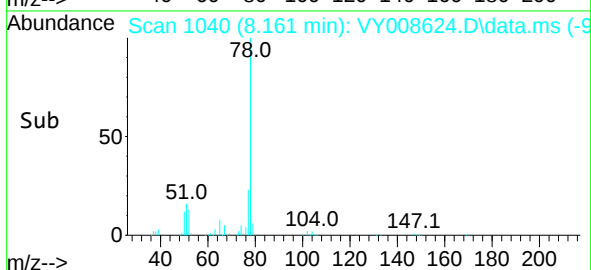
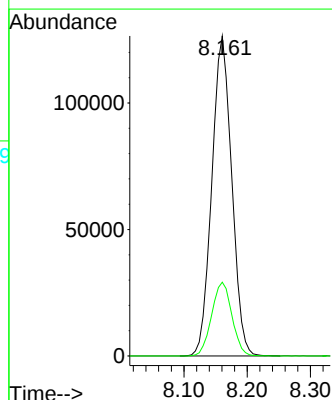
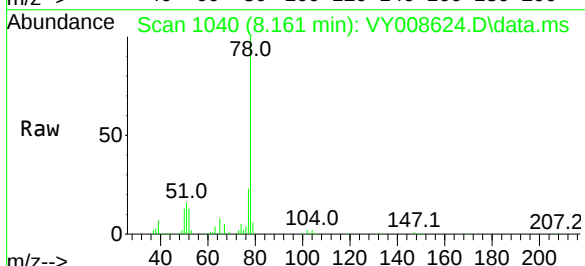
Acq: 04 May 2022 19:53

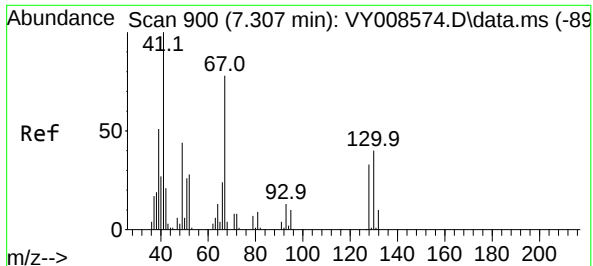
Tgt Ion: 78 Resp: 276166

Ion Ratio Lower Upper

78 100

77 23.1 20.4 30.6

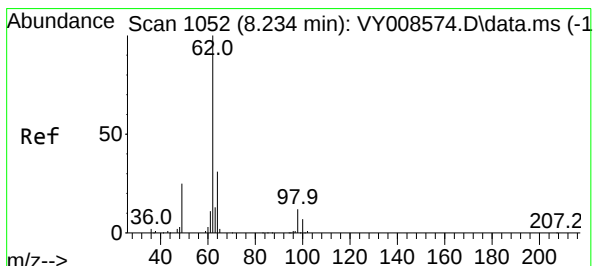
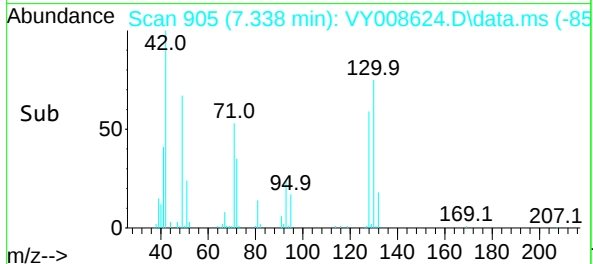
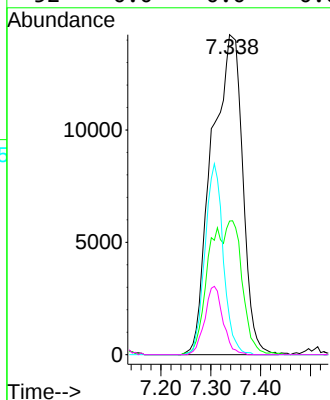
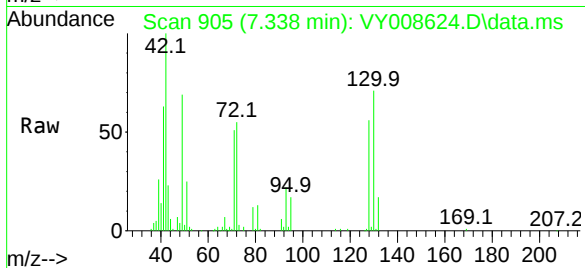




#41  
Methacrylonitrile  
Concen: 142.442 ug/l  
RT: 7.338 min Scan# 90  
Delta R.T. 0.030 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

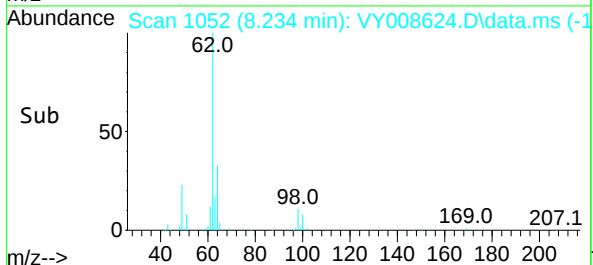
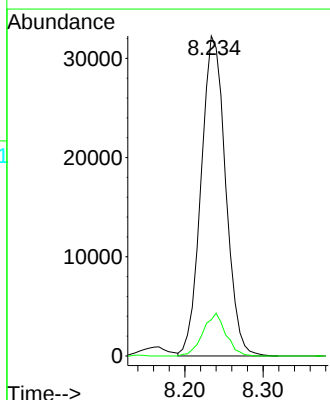
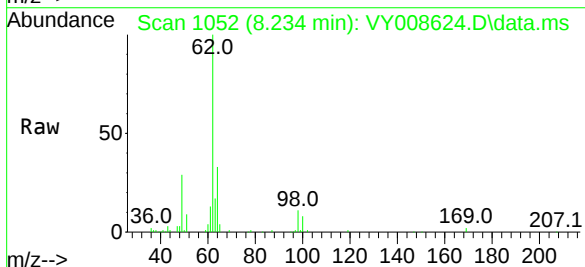
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

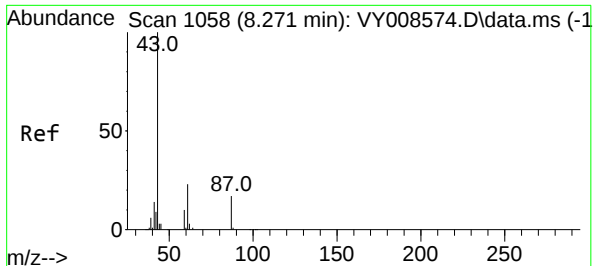
Tgt Ion: 41 Resp: 61231  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 43.900 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 62 Resp: 70124  
Ion Ratio Lower Upper  
62 100  
98 12.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 52.727 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

SB05-13-15-FTMS

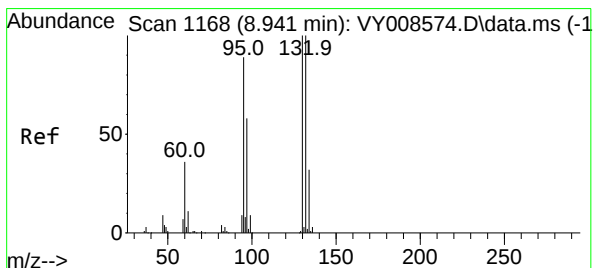
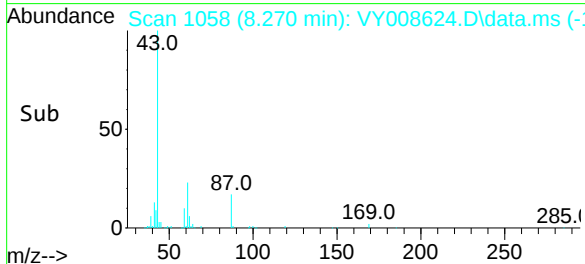
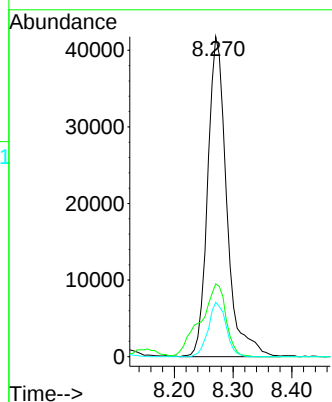
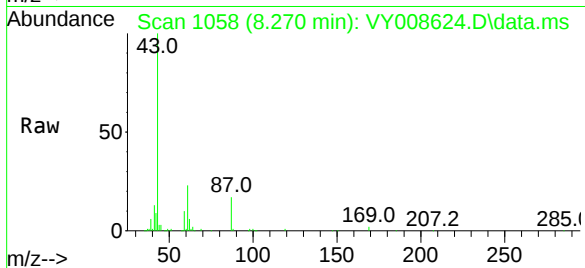
Tgt Ion: 43 Resp: 94001

Ion Ratio Lower Upper

43 100

61 30.4 20.2 30.2#

87 15.9 8.9 13.3#



#44

Trichloroethene

Concen: 42.674 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY008624.D

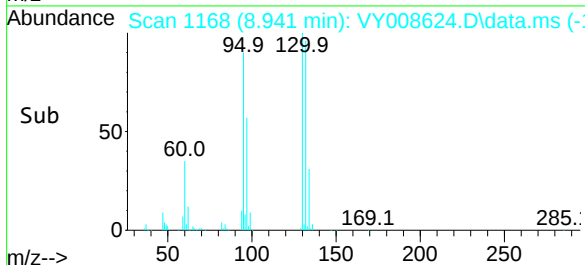
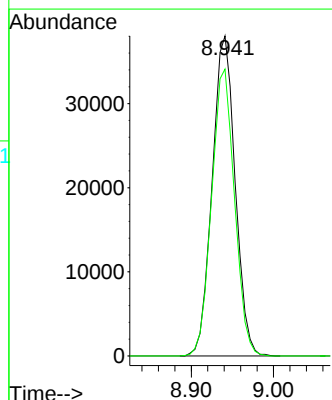
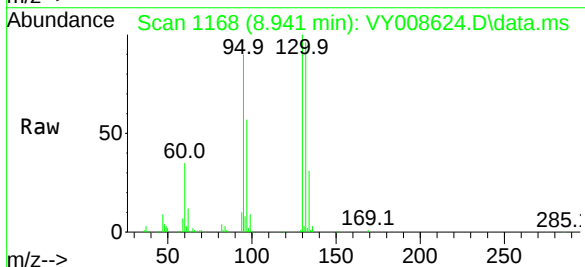
Acq: 04 May 2022 19:53

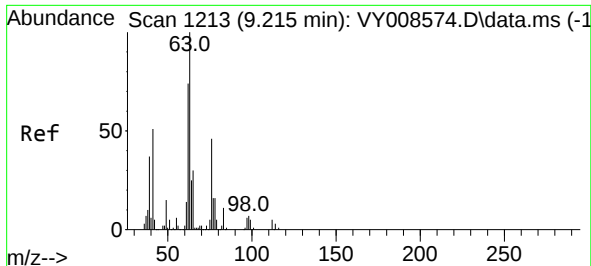
Tgt Ion:130 Resp: 73874

Ion Ratio Lower Upper

130 100

95 89.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.503 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

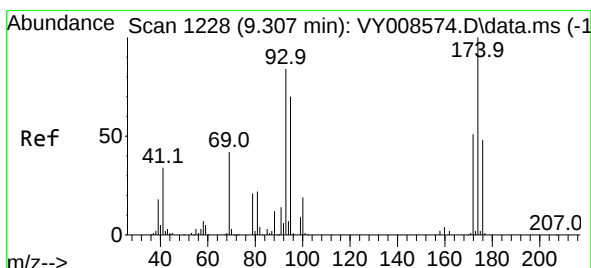
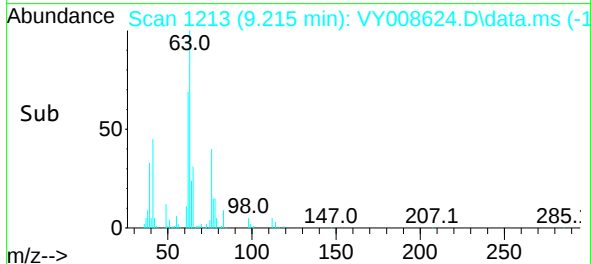
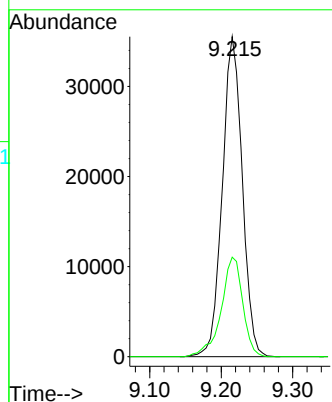
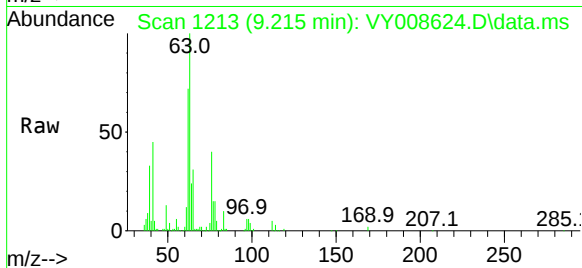
SB05-13-15-FTMS

Tgt Ion: 63 Resp: 68884

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 43.324 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

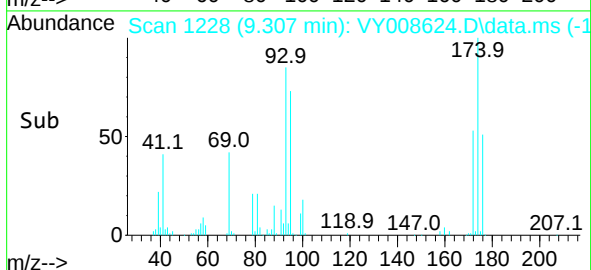
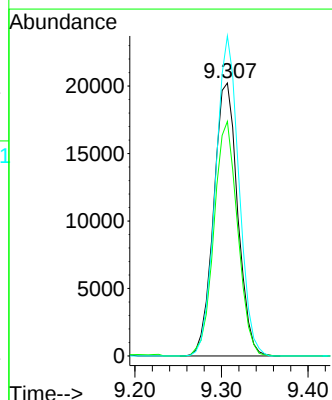
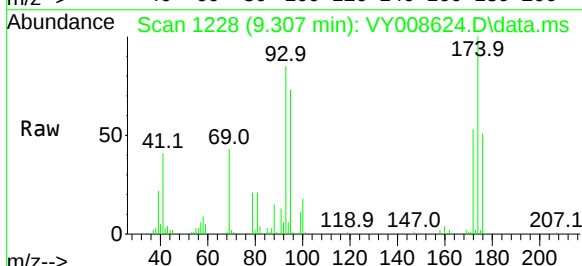
Tgt Ion: 93 Resp: 38938

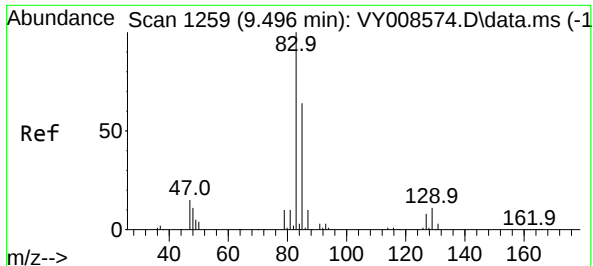
Ion Ratio Lower Upper

93 100

95 84.4 64.3 96.5

174 113.6 83.4 125.0





#47

Bromodichloromethane

Concen: 47.447 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

SB05-13-15-FTMS

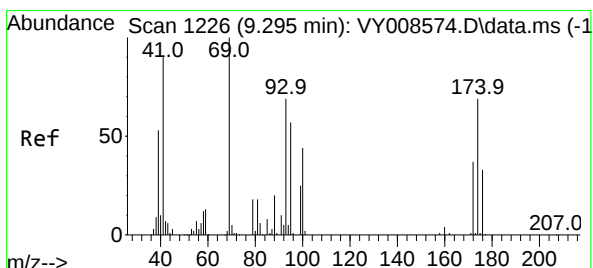
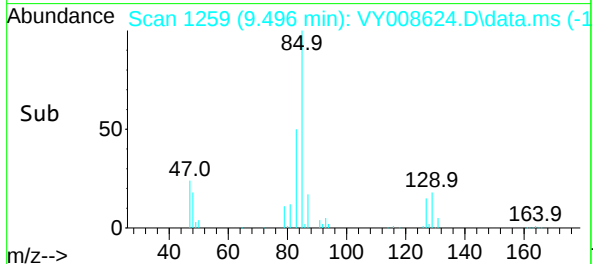
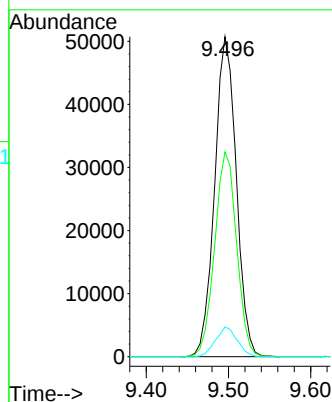
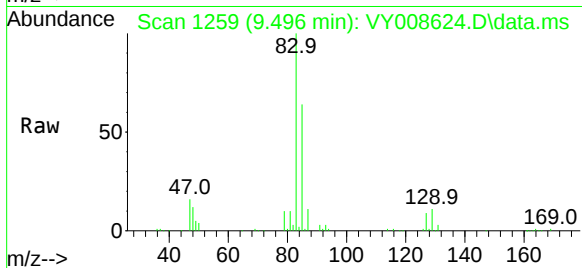
Tgt Ion: 83 Resp: 92918

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

127 9.3 6.6 10.0



#48

Methyl methacrylate

Concen: 44.934 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

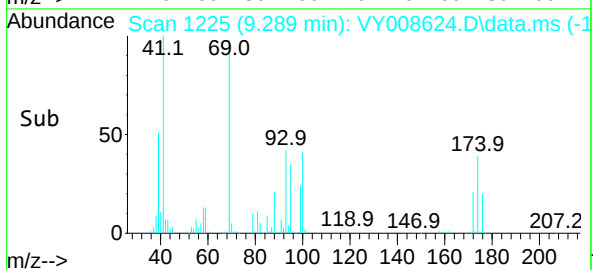
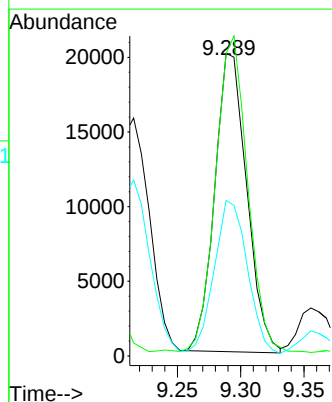
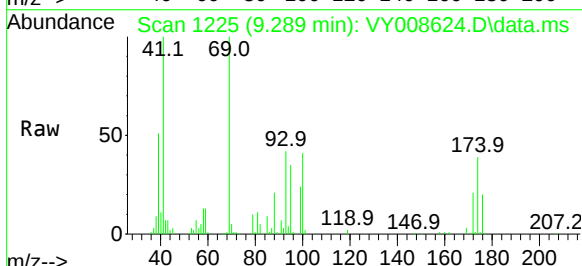
Tgt Ion: 41 Resp: 35212

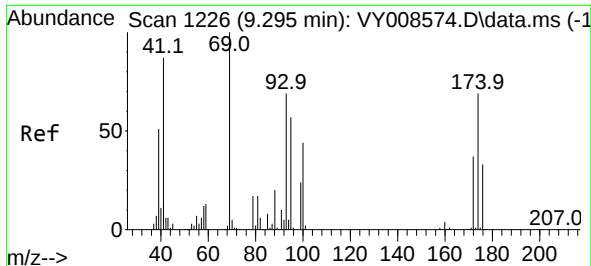
Ion Ratio Lower Upper

41 100

69 106.3 58.2 87.2#

39 53.1 47.4 71.0

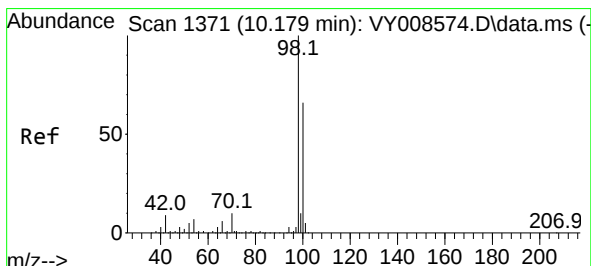
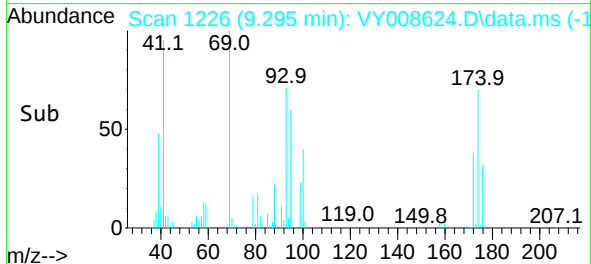
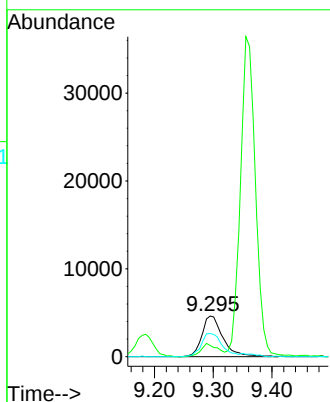
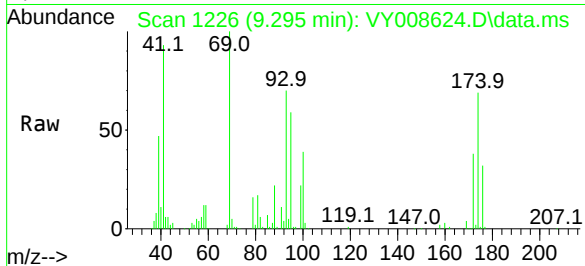




#49  
1,4-Dioxane  
Concen: 1008.352 ug/l  
RT: 9.295 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

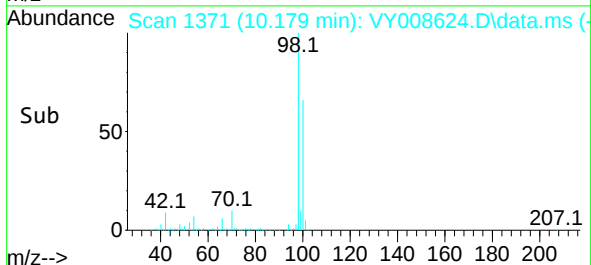
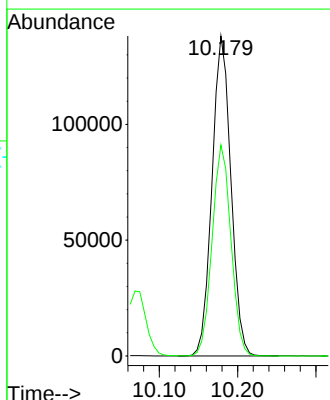
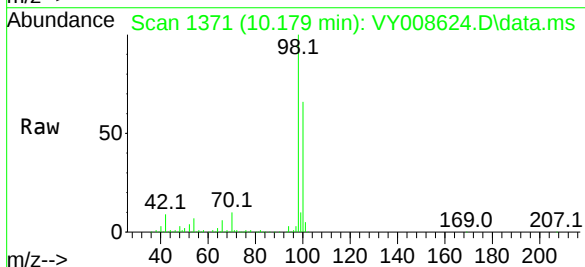
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

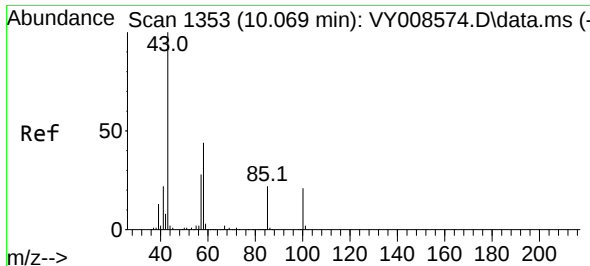
Tgt Ion: 88 Resp: 11491  
Ion Ratio Lower Upper  
88 100  
43 26.0 32.8 49.2#  
58 56.7 59.8 89.6#



#50  
Toluene-d8  
Concen: 53.222 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 98 Resp: 231679  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.2 75.2

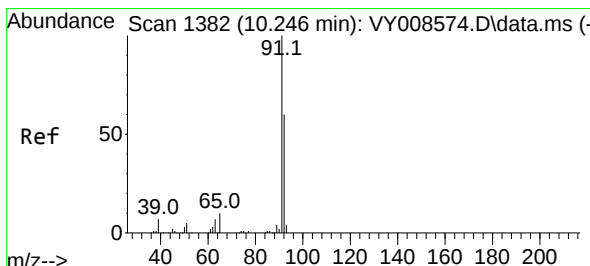
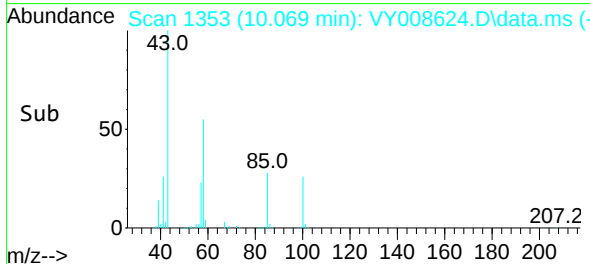
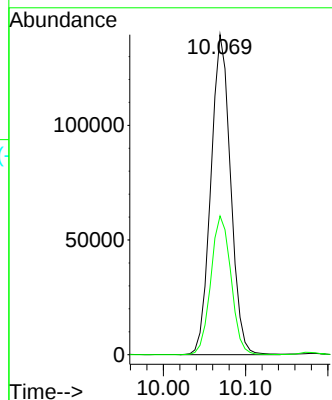
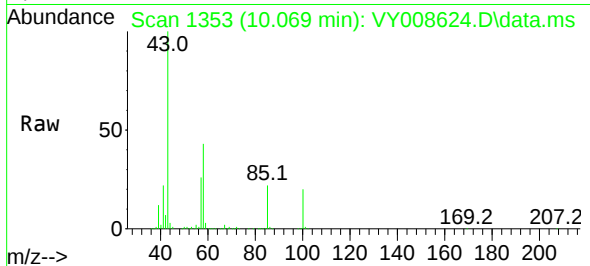




#51  
4-Methyl-2-Pentanone  
Concen: 247.745 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

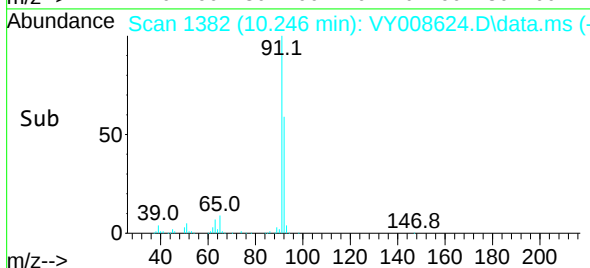
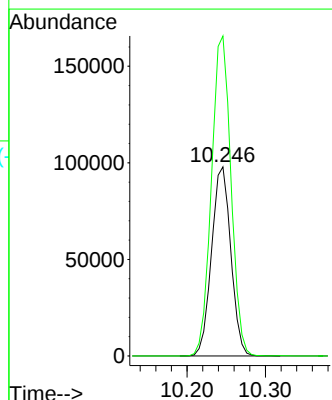
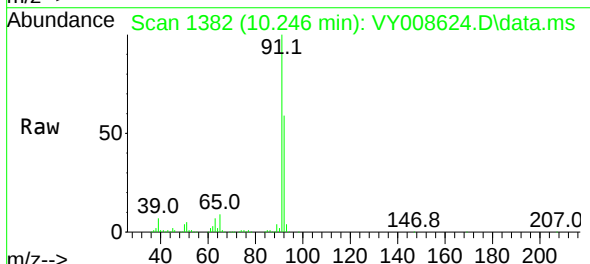
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

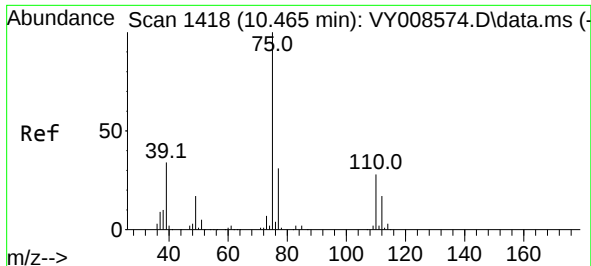
Tgt Ion: 43 Resp: 231824  
Ion Ratio Lower Upper  
43 100  
58 44.3 28.1 42.1#



#52  
Toluene  
Concen: 45.306 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 92 Resp: 167123  
Ion Ratio Lower Upper  
92 100  
91 171.3 142.6 213.8

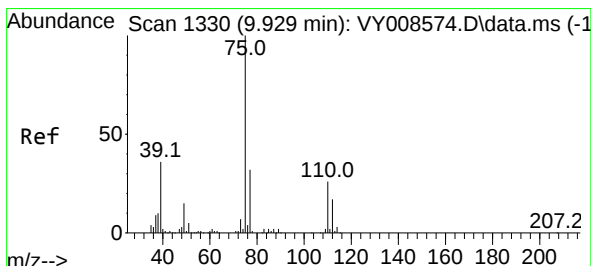
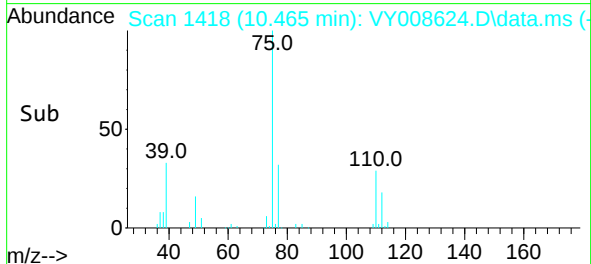
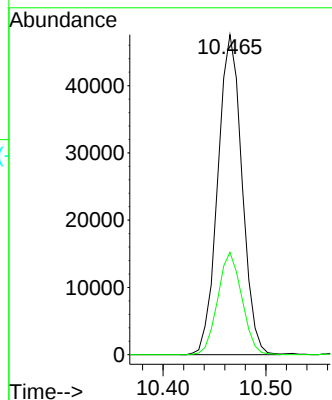
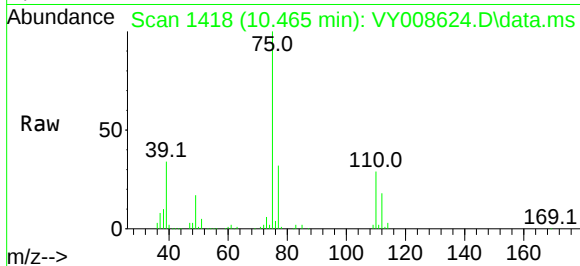




#53  
 t-1,3-Dichloropropene  
 Concen: 37.565 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VY008624.D  
 Acq: 04 May 2022 19:53

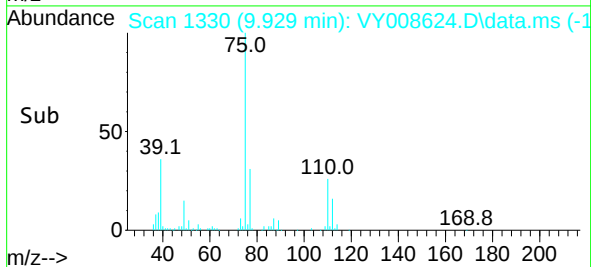
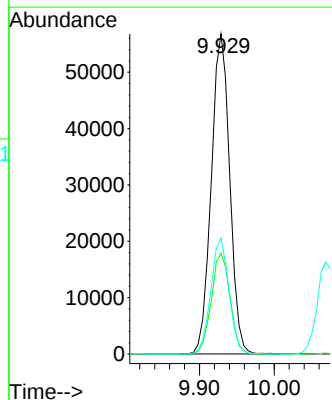
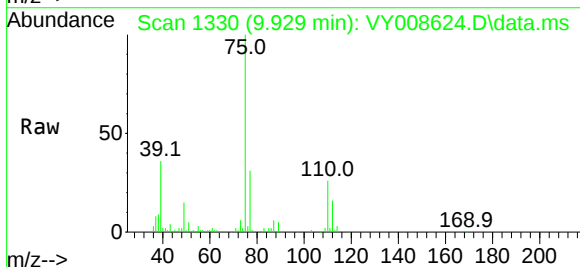
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB05-13-15-FTMS

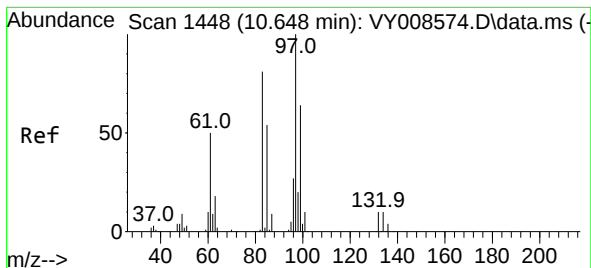
Tgt Ion: 75 Resp: 77770  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 42.416 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY008624.D  
 Acq: 04 May 2022 19:53

Tgt Ion: 75 Resp: 97558  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.6 38.4  
 39 36.2 47.6 71.4#

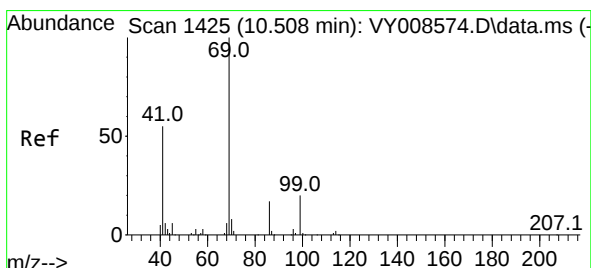
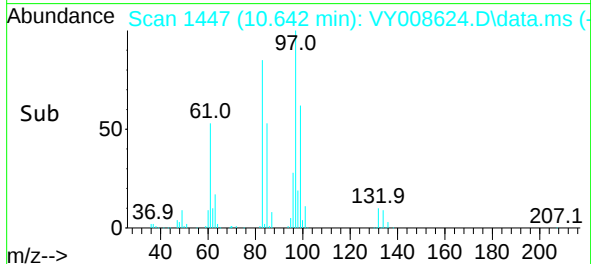
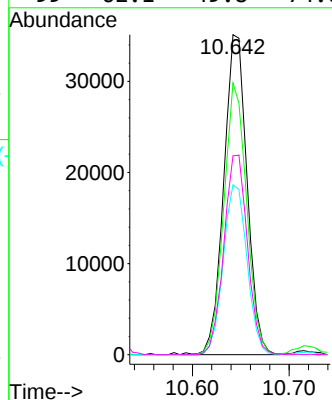
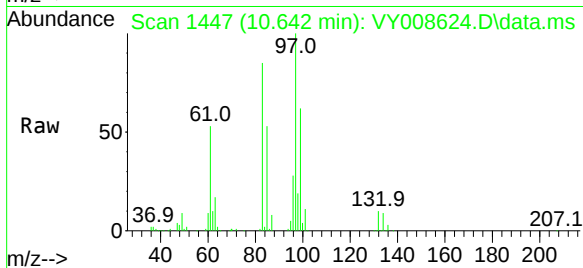




#55  
1,1,2-Trichloroethane  
Concen: 46.968 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

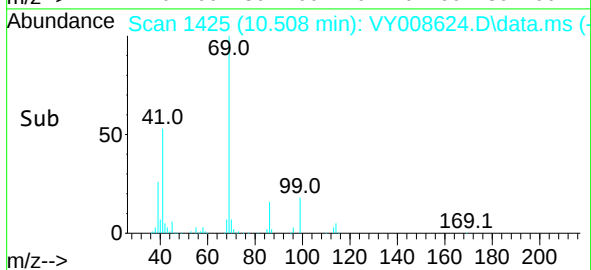
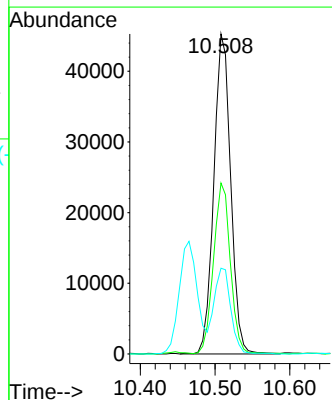
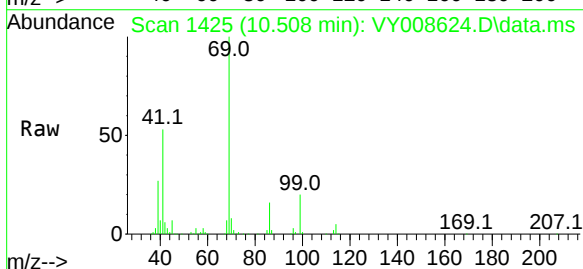
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

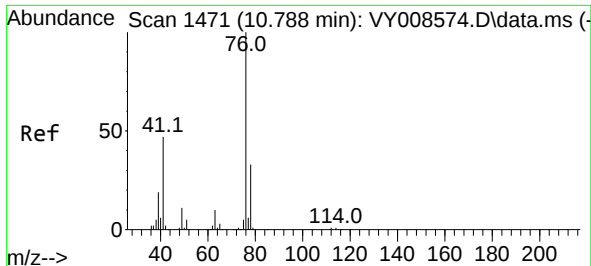
| Tgt Ion: | 97    | Resp: | 58824 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.9  | 69.8  | 104.8 |
| 85       | 53.1  | 44.3  | 66.5  |
| 99       | 62.1  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 45.002 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

| Tgt Ion: | 69    | Resp: | 71197 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 53.7  | 63.4  | 95.0# |
| 39       | 26.6  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 45.344 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

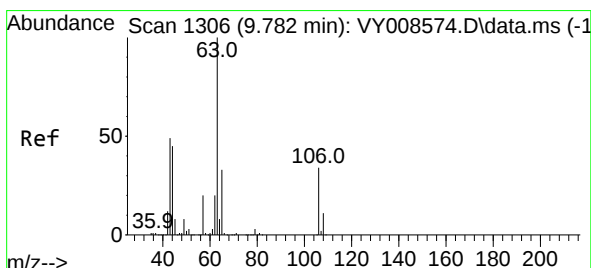
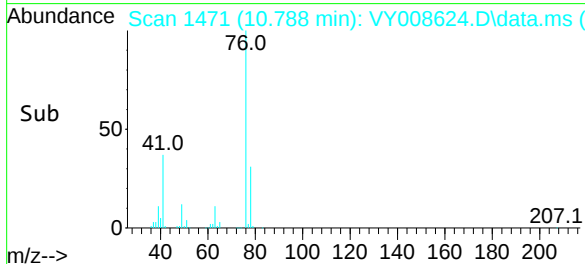
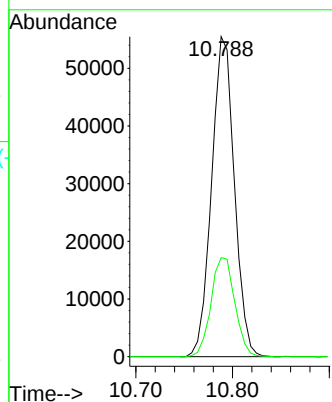
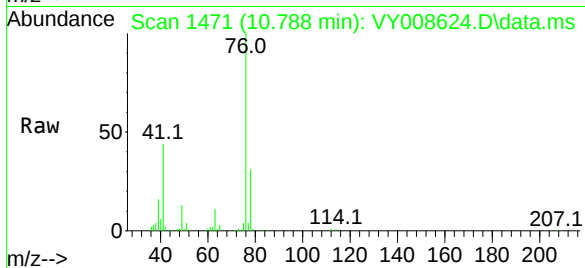
SB05-13-15-FTMS

Tgt Ion: 76 Resp: 90656

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 208.809 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008624.D

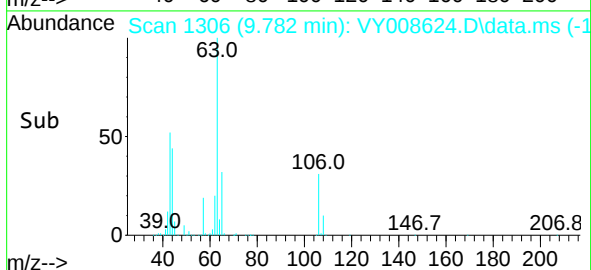
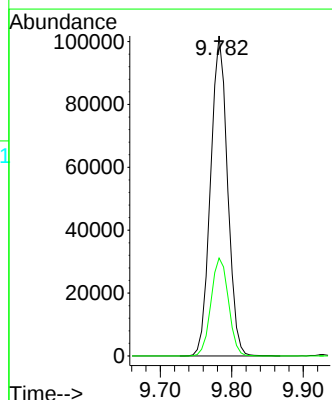
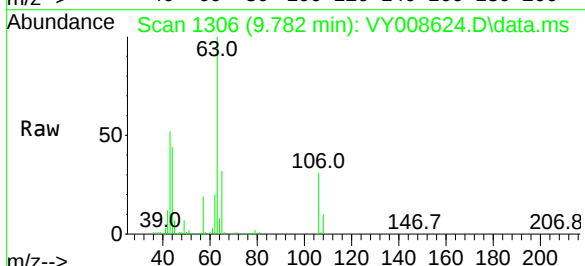
Acq: 04 May 2022 19:53

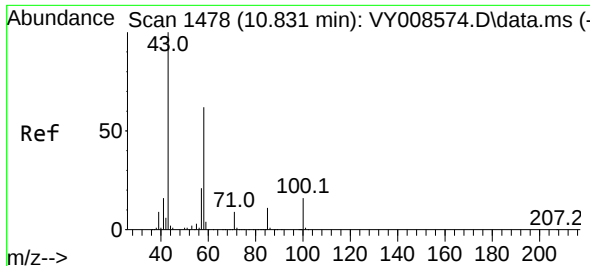
Tgt Ion: 63 Resp: 167674

Ion Ratio Lower Upper

63 100

106 31.4 21.5 32.3

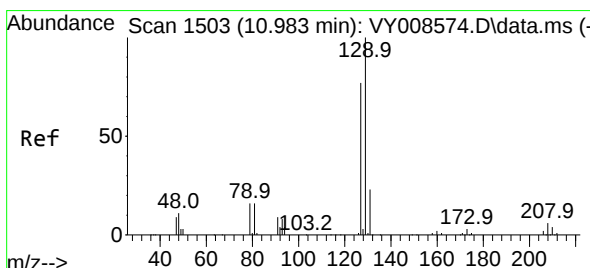
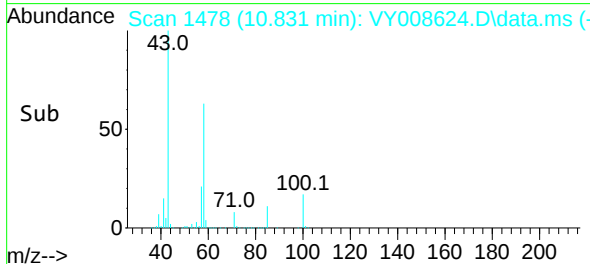
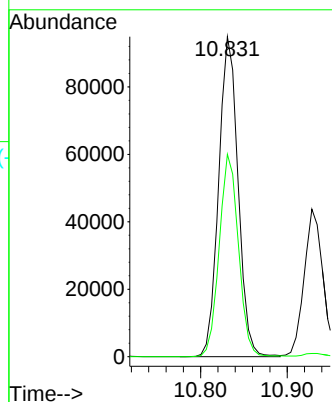
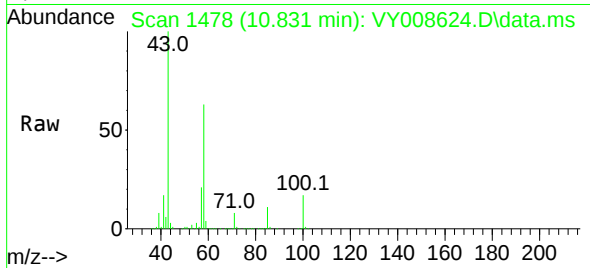




#59  
2-Hexanone  
Concen: 231.654 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

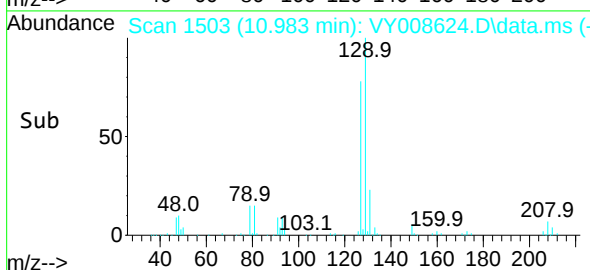
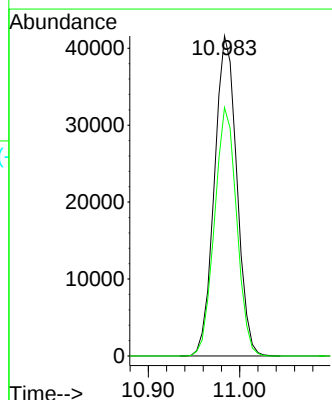
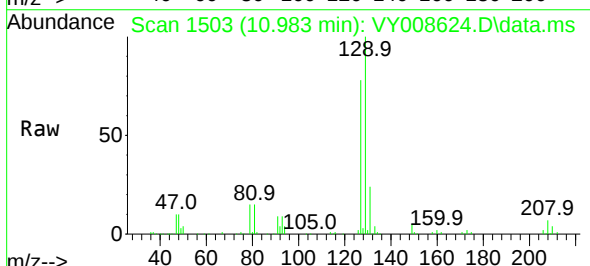
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

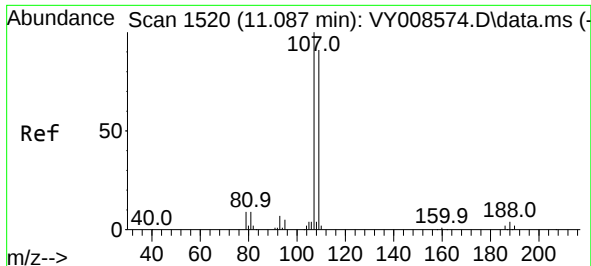
Tgt Ion: 43 Resp: 147621  
Ion Ratio Lower Upper  
43 100  
58 62.7 24.4 73.4



#60  
Dibromochloromethane  
Concen: 45.111 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 129 Resp: 70672  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.7 116.1

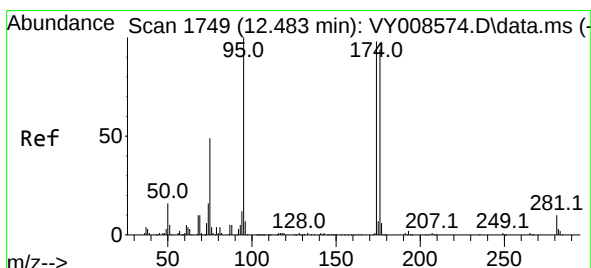
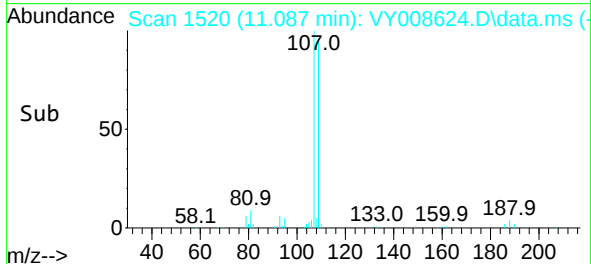
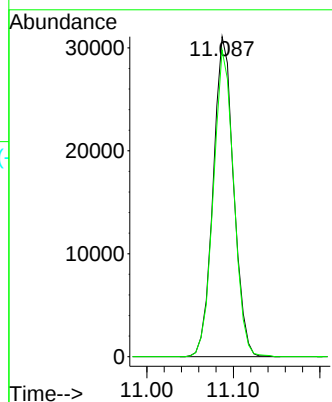
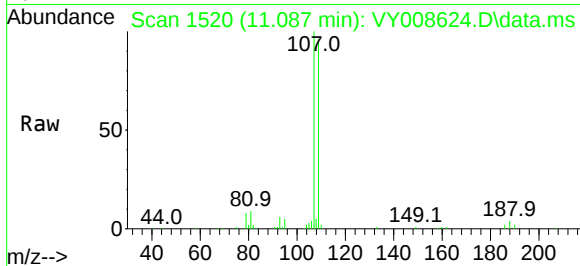




#61  
1,2-Dibromoethane  
Concen: 40.163 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

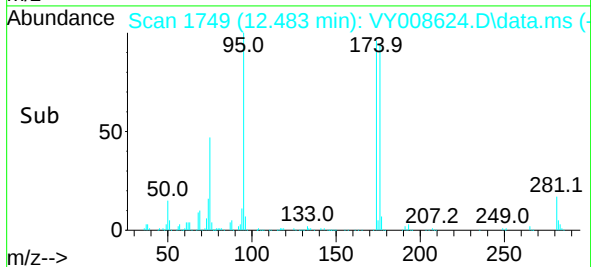
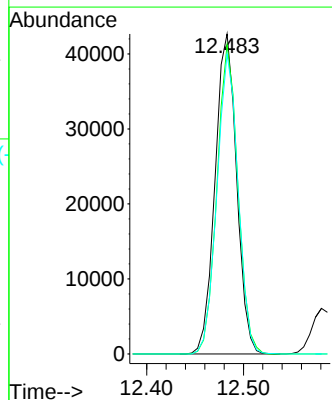
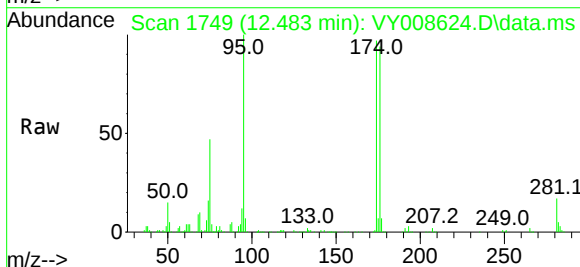
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

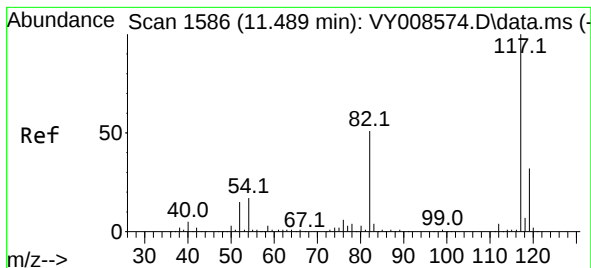
Tgt Ion:107 Resp: 50908  
Ion Ratio Lower Upper  
107 100  
109 95.6 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 41.310 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 95 Resp: 65910  
Ion Ratio Lower Upper  
95 100  
174 93.7 0.0 177.0  
176 91.9 0.0 175.8

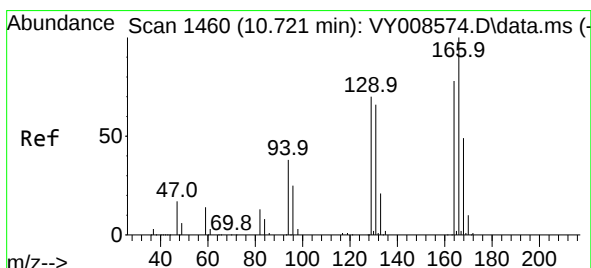
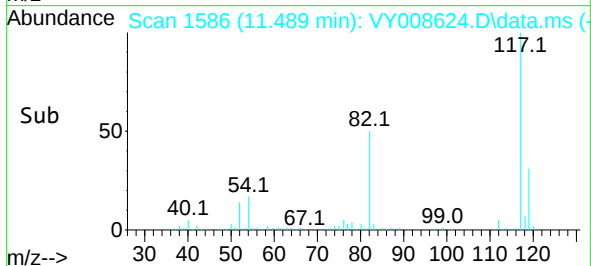
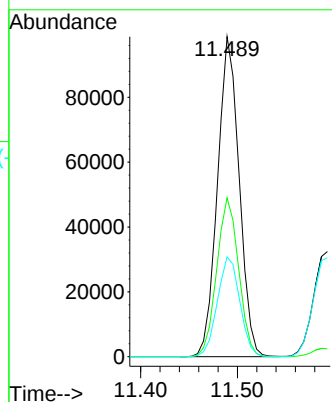
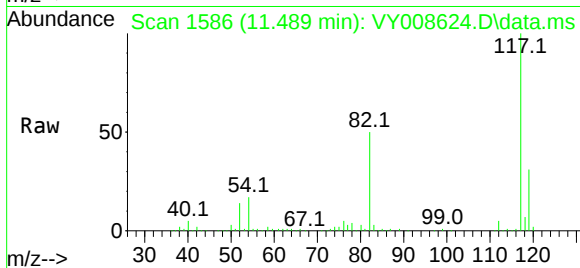




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

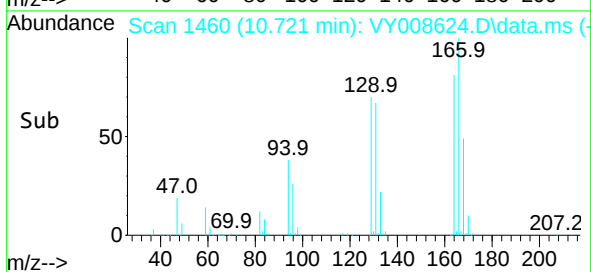
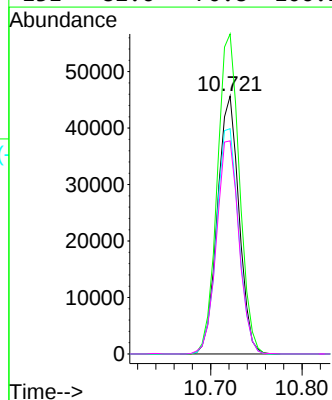
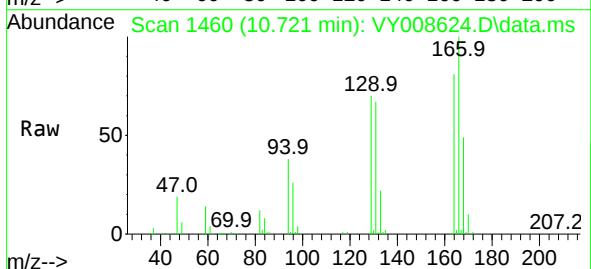
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

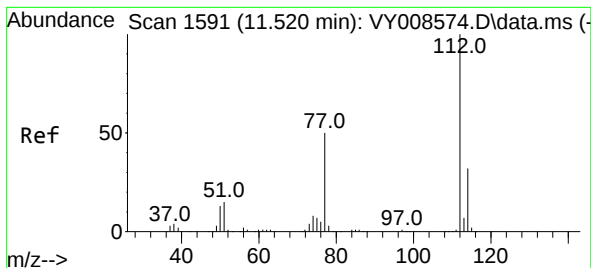
Tgt Ion:117 Resp: 153525  
Ion Ratio Lower Upper  
117 100  
82 49.7 43.0 64.4  
119 31.2 25.4 38.0



#64  
Tetrachloroethene  
Concen: 53.519 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion:164 Resp: 74954  
Ion Ratio Lower Upper  
164 100  
166 124.0 100.4 150.6  
129 87.3 71.4 107.0  
131 82.6 70.8 106.2





#65

Chlorobenzene

Concen: 45.342 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

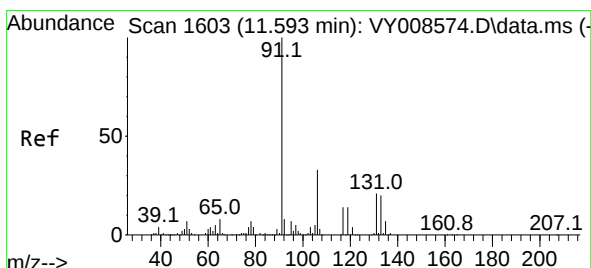
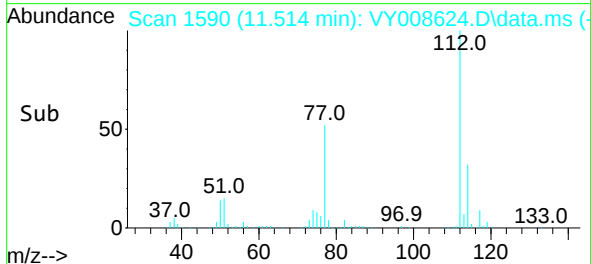
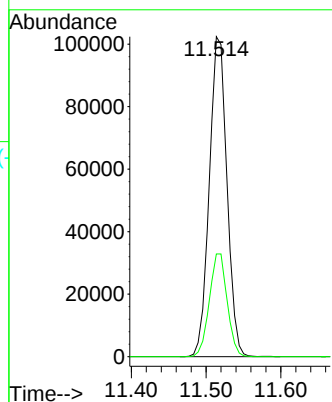
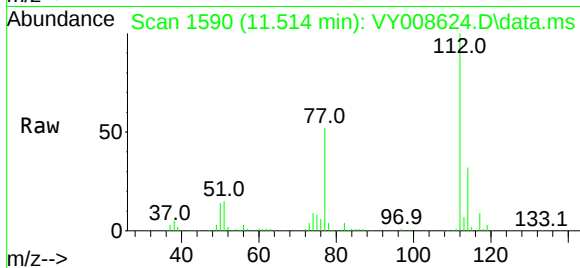
SB05-13-15-FTMS

Tgt Ion:112 Resp: 167676

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.690 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

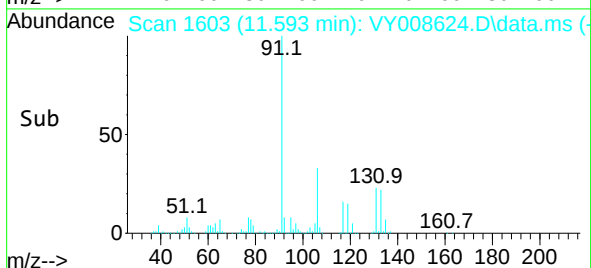
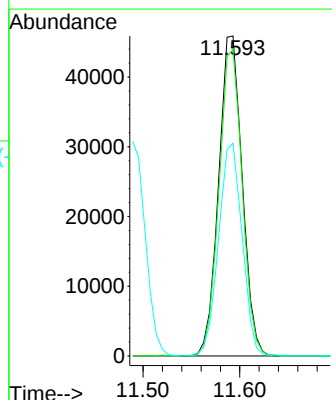
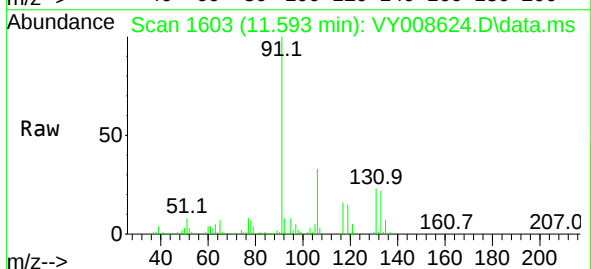
Tgt Ion:131 Resp: 77751

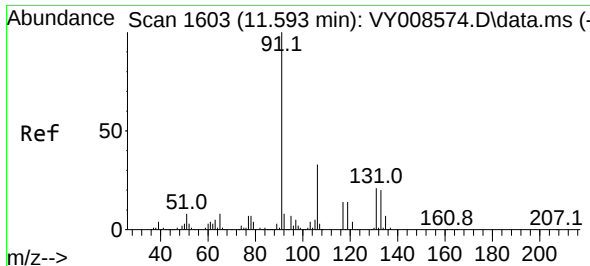
Ion Ratio Lower Upper

131 100

133 94.3 47.9 143.6

119 66.3 30.8 92.3

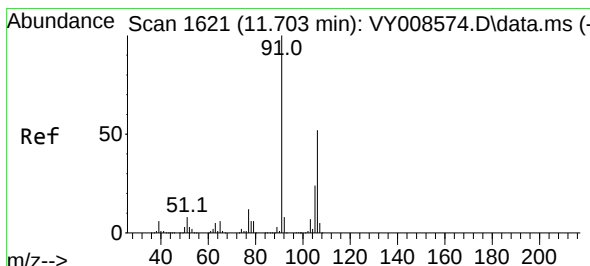
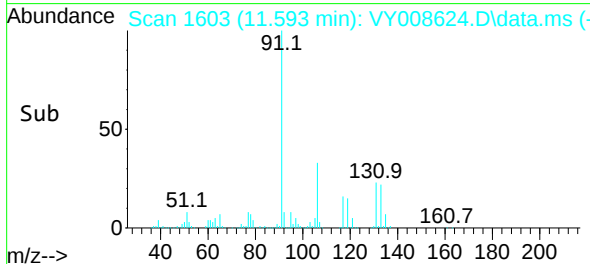
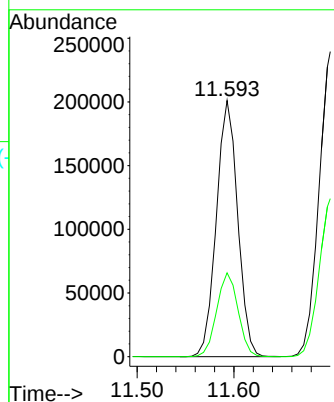
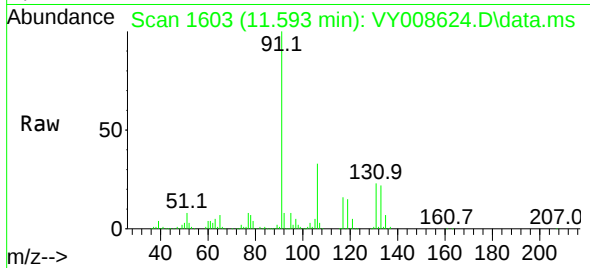




#67  
Ethyl Benzene  
Concen: 49.433 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

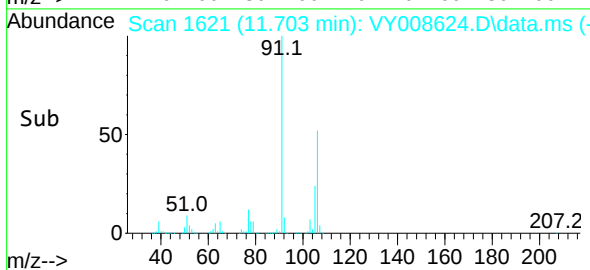
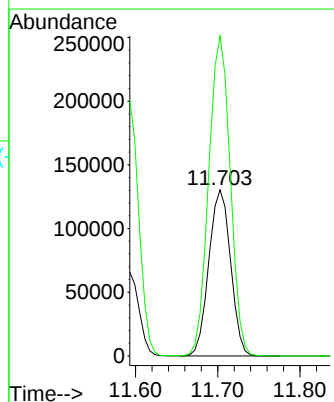
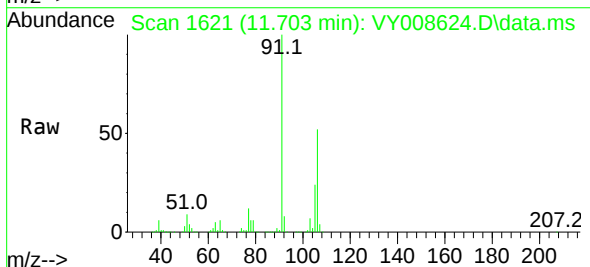
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

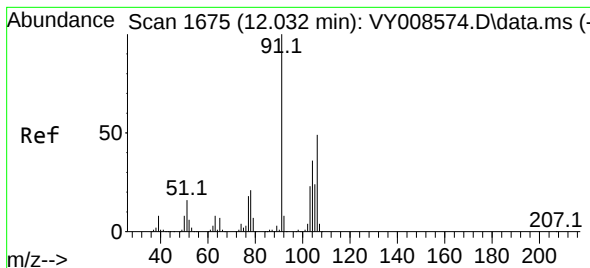
Tgt Ion: 91 Resp: 307542  
Ion Ratio Lower Upper  
91 100  
106 32.7 24.5 36.7



#68  
m/p-Xylenes  
Concen: 94.285 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion:106 Resp: 239626  
Ion Ratio Lower Upper  
106 100  
91 190.9 166.6 249.8





#69

o-Xylene

Concen: 49.408 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

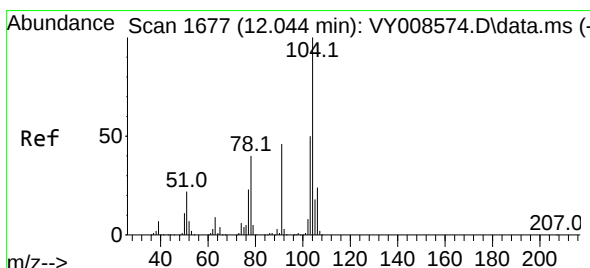
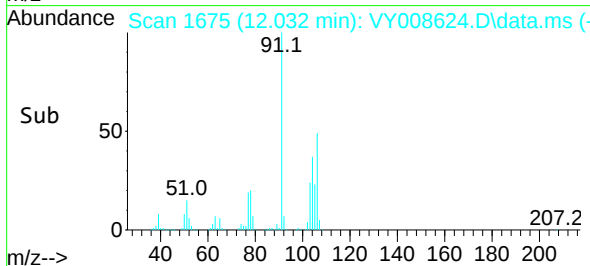
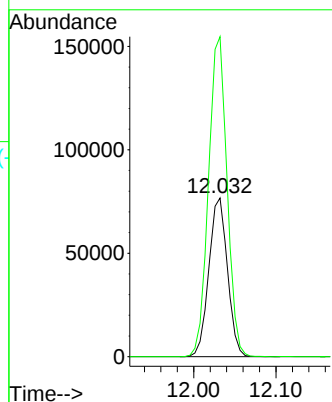
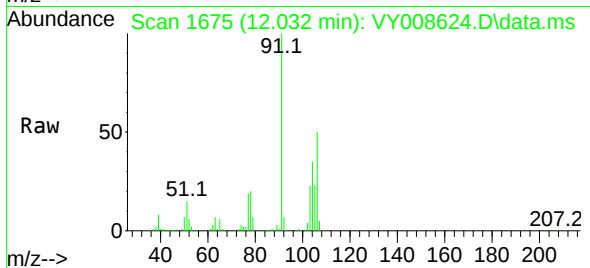
SB05-13-15-FTMS

Tgt Ion:106 Resp: 120344

Ion Ratio Lower Upper

106 100

91 201.1 110.3 331.0



#70

Styrene

Concen: 43.664 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

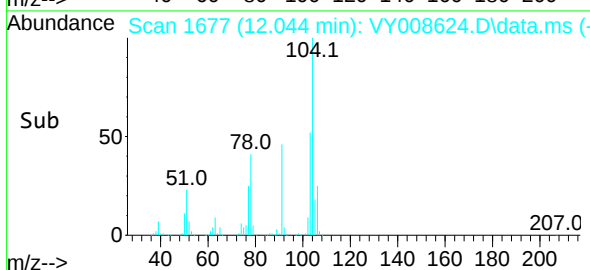
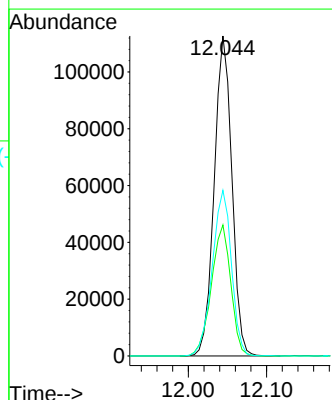
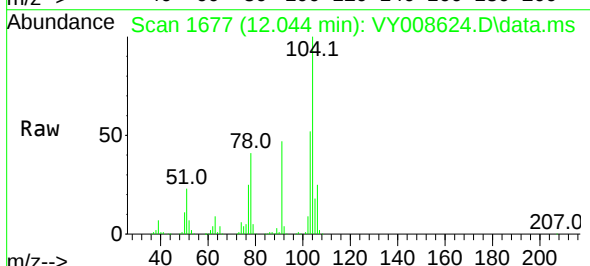
Tgt Ion:104 Resp: 176799

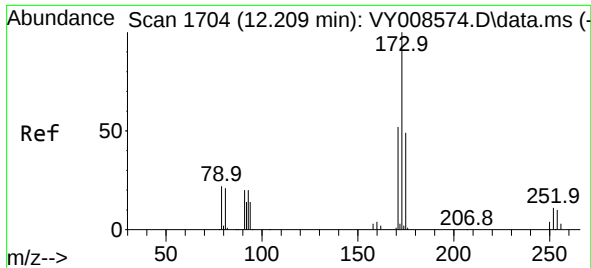
Ion Ratio Lower Upper

104 100

78 45.1 42.4 63.6

103 56.2 44.4 66.6

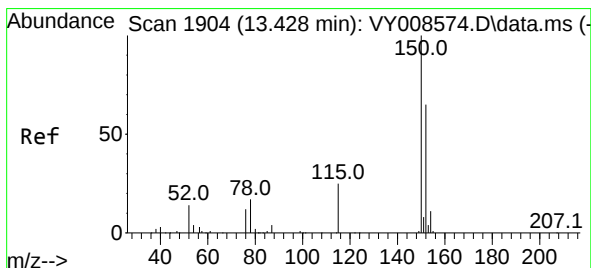
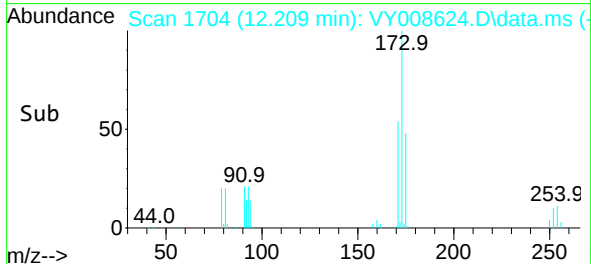
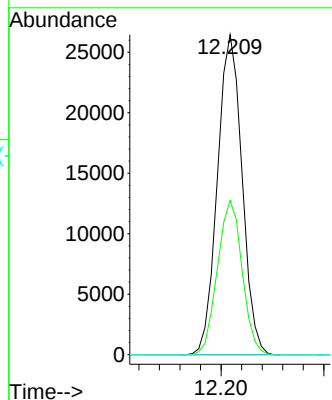
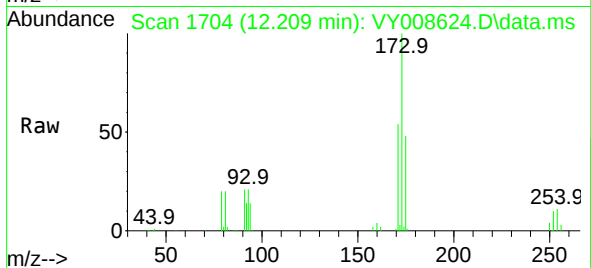




#71  
Bromoform  
Concen: 47.331 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

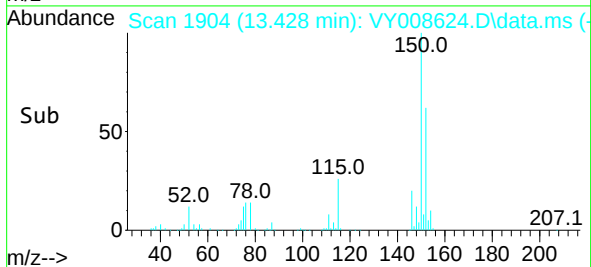
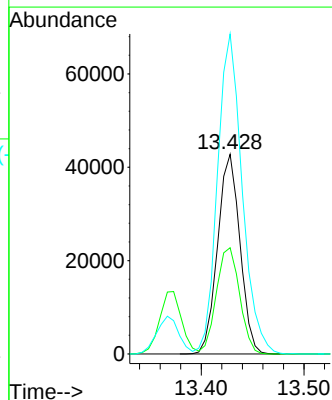
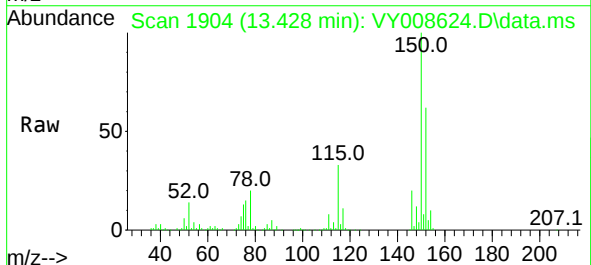
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MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

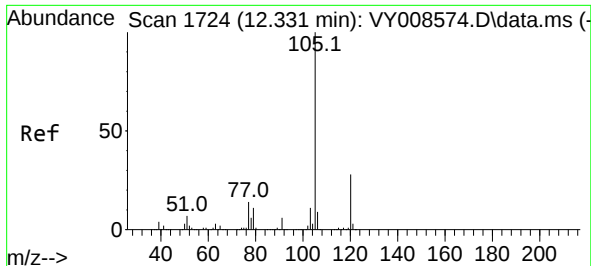
Tgt Ion:173 Resp: 43928  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion:152 Resp: 64557  
Ion Ratio Lower Upper  
152 100  
115 55.4 28.2 84.7  
150 177.0 0.0 347.6

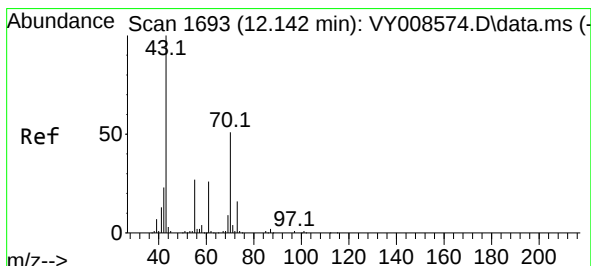
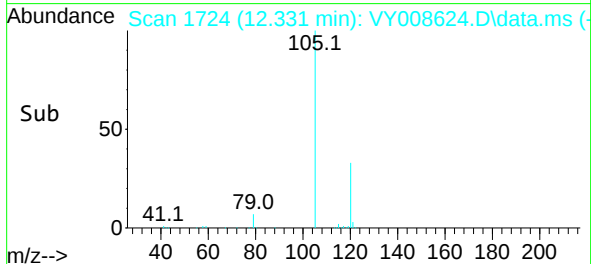
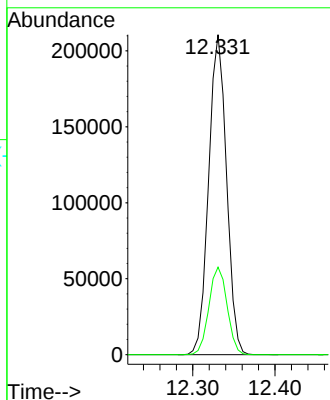
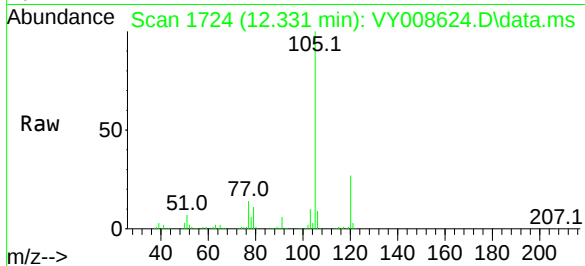




#73  
Isopropylbenzene  
Concen: 63.136 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

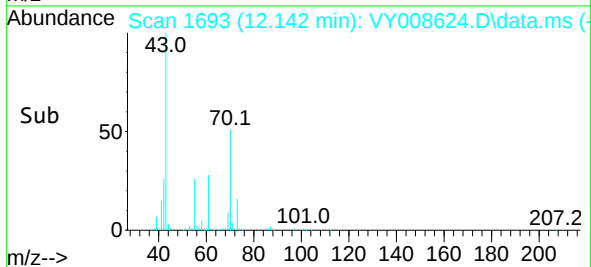
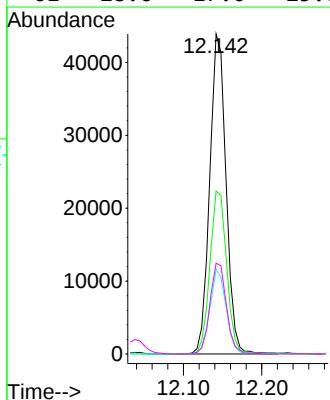
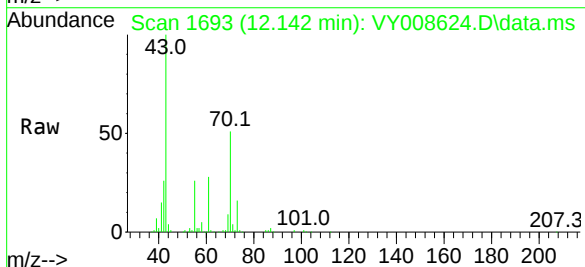
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

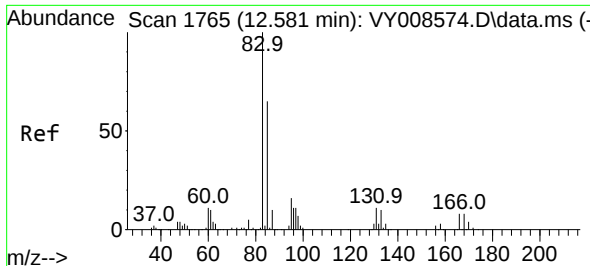
Tgt Ion:105 Resp: 317969  
Ion Ratio Lower Upper  
105 100  
120 27.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 56.462 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 43 Resp: 63547  
Ion Ratio Lower Upper  
43 100  
70 52.3 28.7 43.1#  
55 26.3 17.3 25.9#  
61 28.6 17.0 25.6#

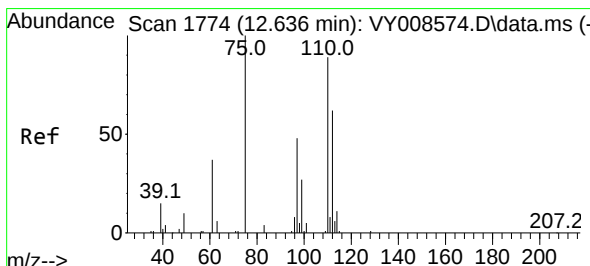
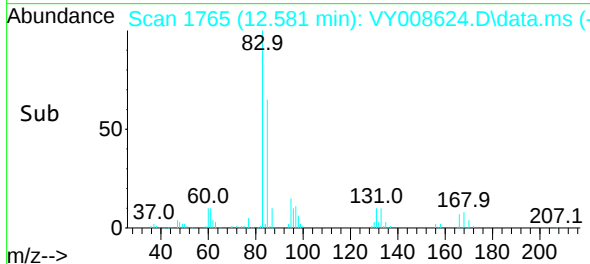
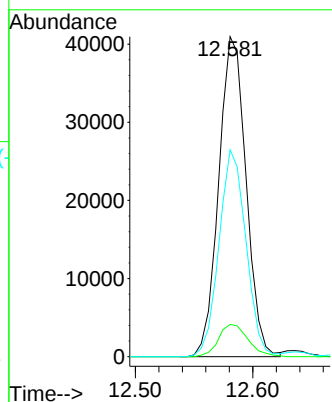
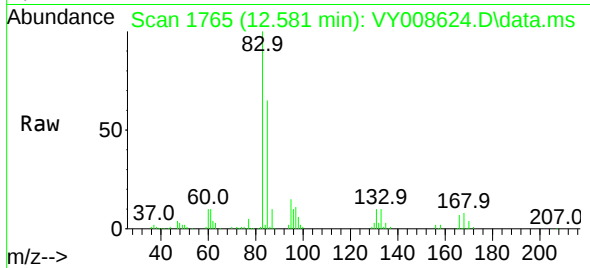




#75  
1,1,2,2-Tetrachloroethane  
Concen: 64.944 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

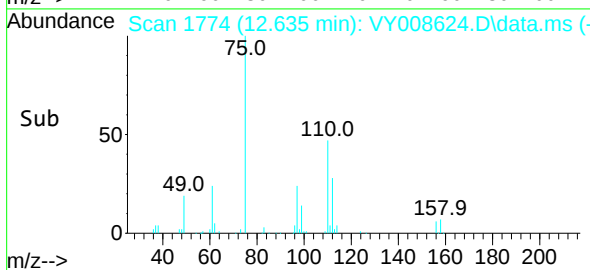
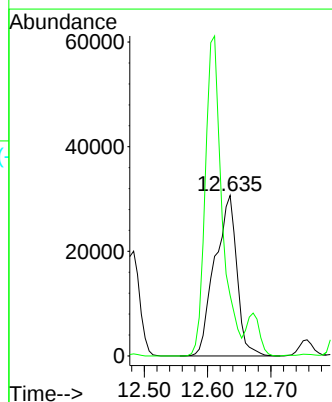
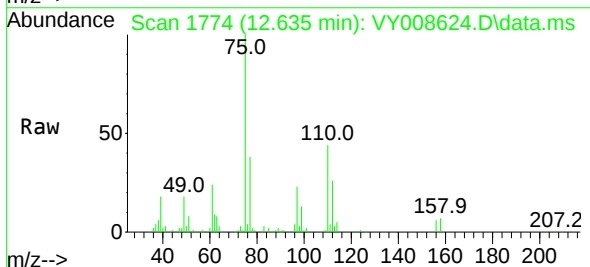
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

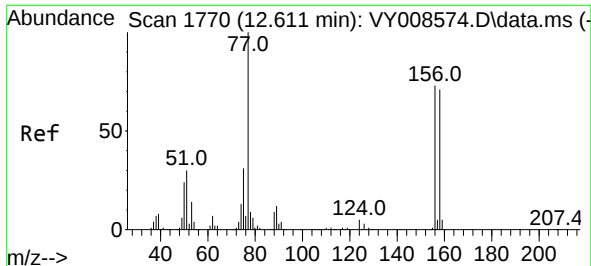
Tgt Ion: 83 Resp: 66187  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 63.8 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 107.770 ug/l  
RT: 12.635 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 75 Resp: 74268  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

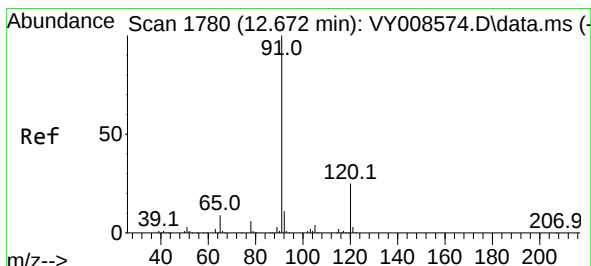
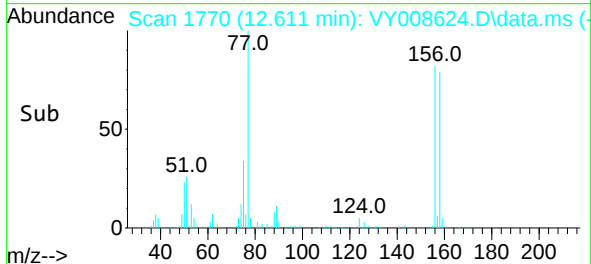
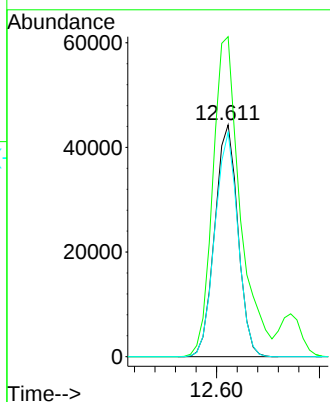
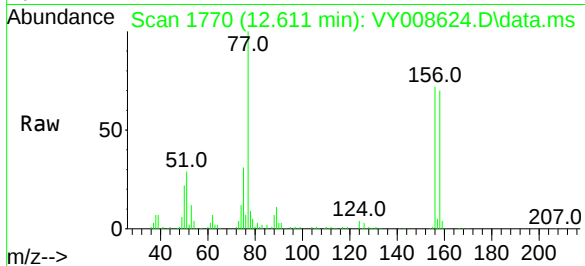




#77  
Bromobenzene  
Concen: 52.033 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

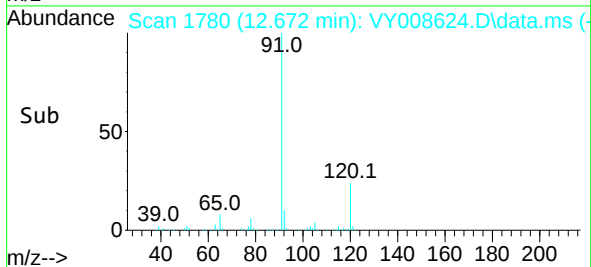
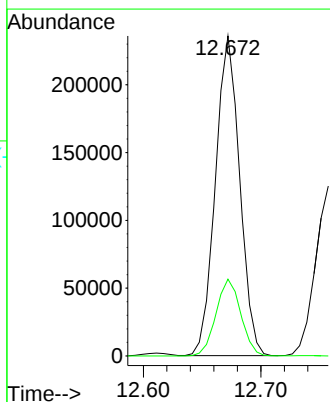
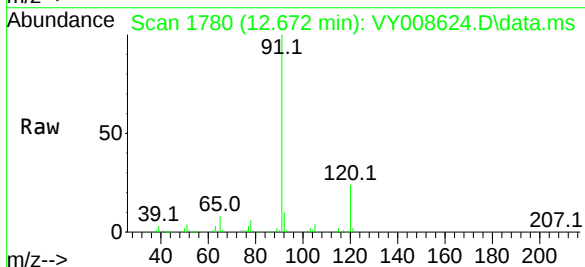
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

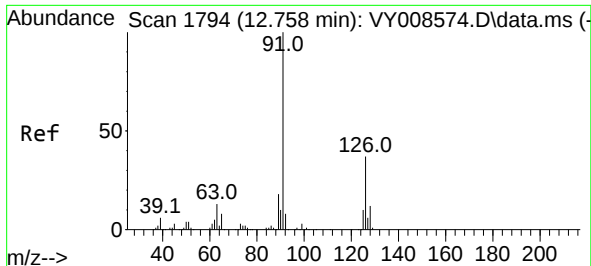
Tgt Ion:156 Resp: 69141  
Ion Ratio Lower Upper  
156 100  
77 163.7 95.5 286.4  
158 96.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 57.879 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 91 Resp: 339207  
Ion Ratio Lower Upper  
91 100  
120 24.4 11.3 33.9

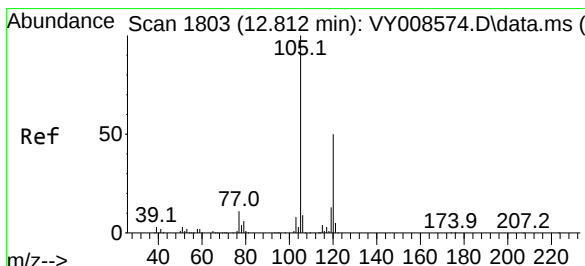
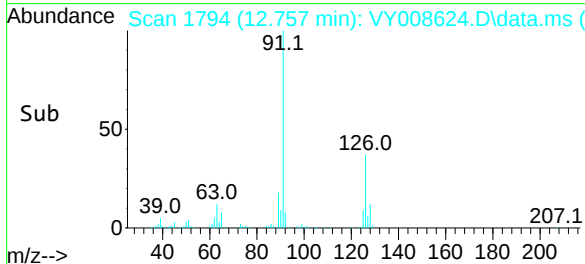
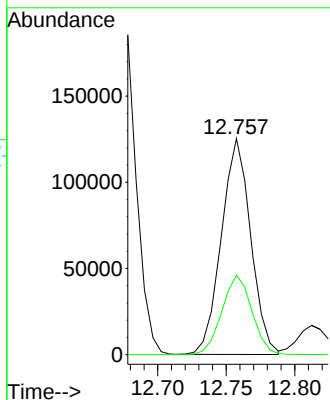
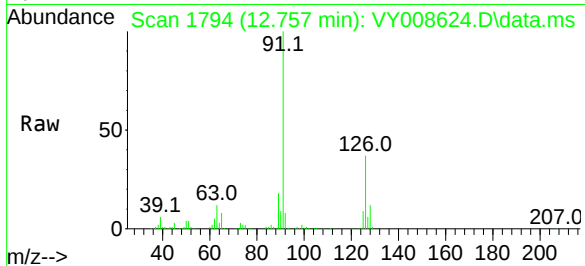




#79  
2-Chlorotoluene  
Concen: 56.515 ug/l  
RT: 12.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

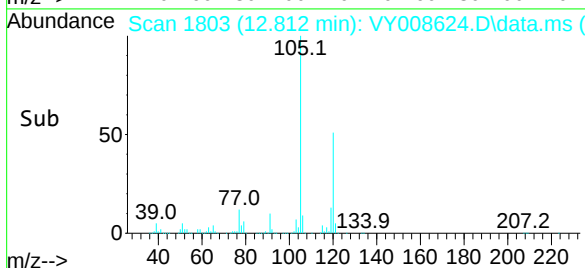
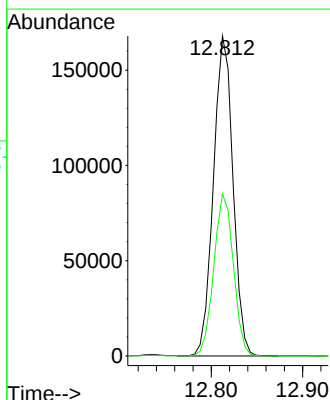
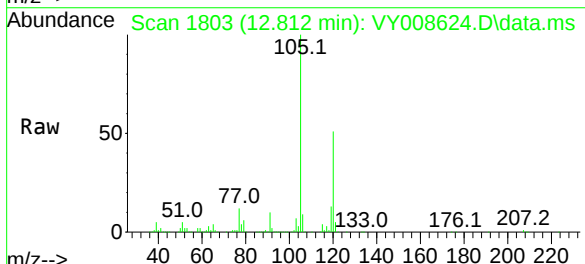
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

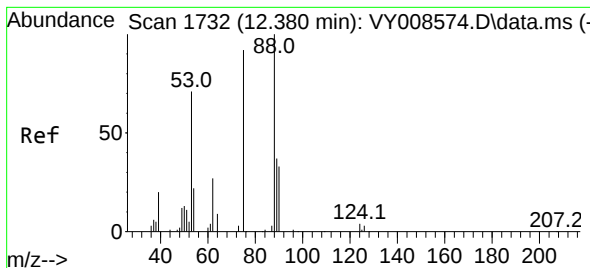
Tgt Ion: 91 Resp: 186479  
Ion Ratio Lower Upper  
91 100  
126 37.6 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 59.973 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 105 Resp: 249545  
Ion Ratio Lower Upper  
105 100  
120 50.7 24.4 73.4

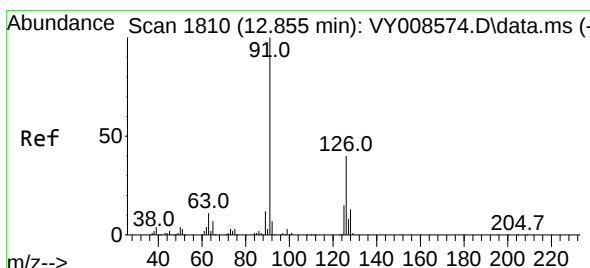
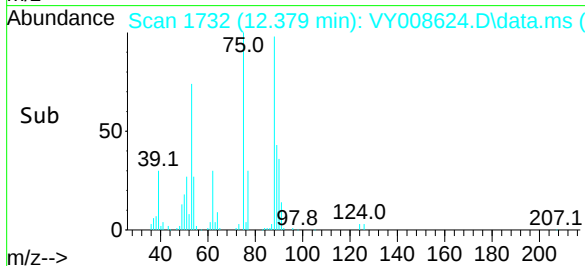
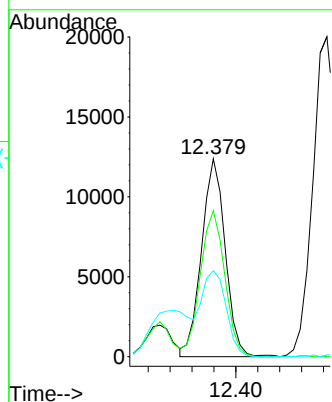
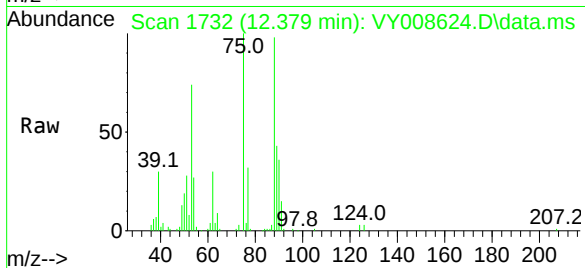




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.524 ug/l  
RT: 12.379 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

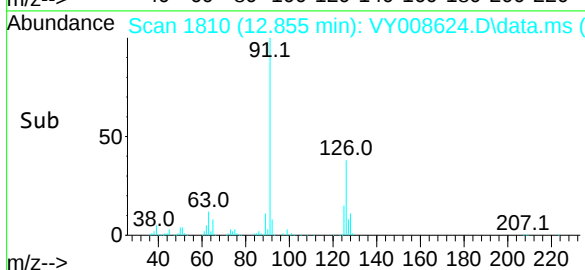
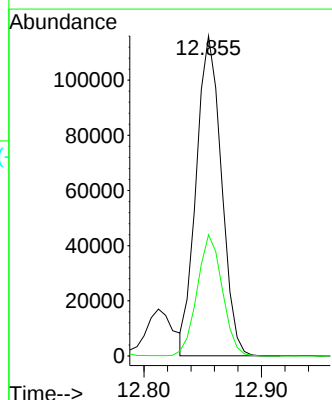
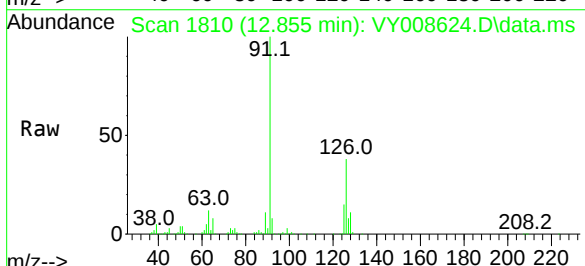
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

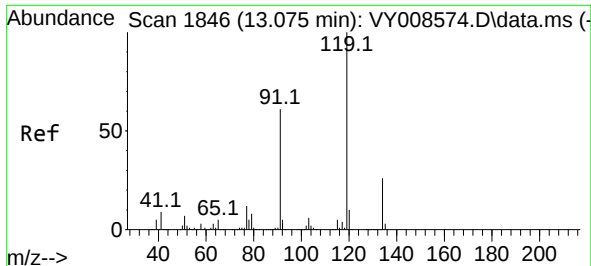
Tgt Ion: 75 Resp: 18533  
Ion Ratio Lower Upper  
75 100  
53 76.5 85.3 127.9#  
89 45.2 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 50.720 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion: 91 Resp: 172402  
Ion Ratio Lower Upper  
91 100  
126 37.9 17.0 51.0

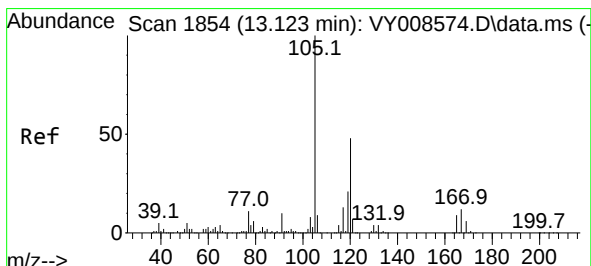
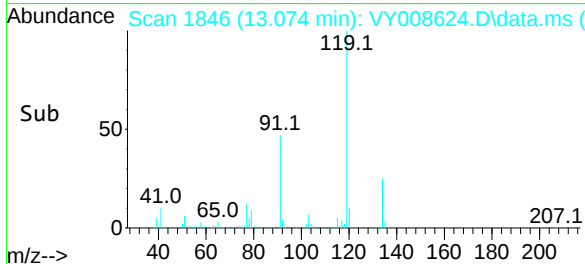
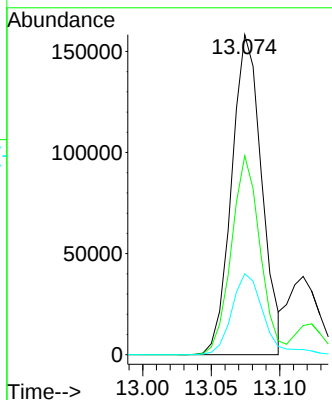
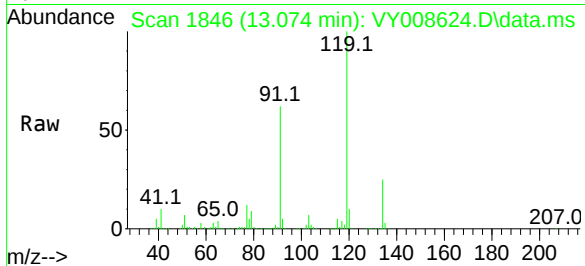




#83  
tert-Butylbenzene  
Concen: 64.968 ug/l  
RT: 13.074 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

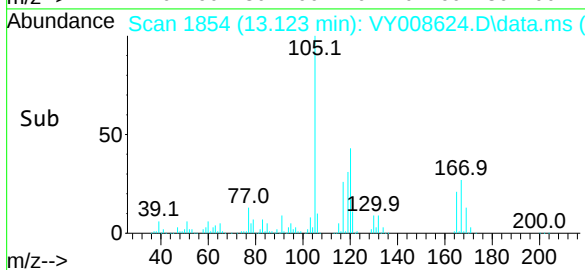
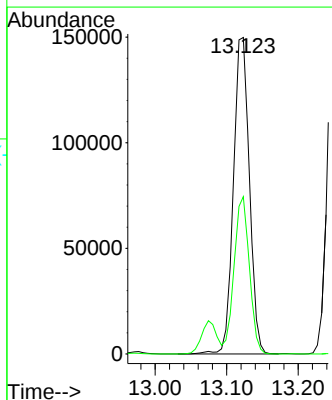
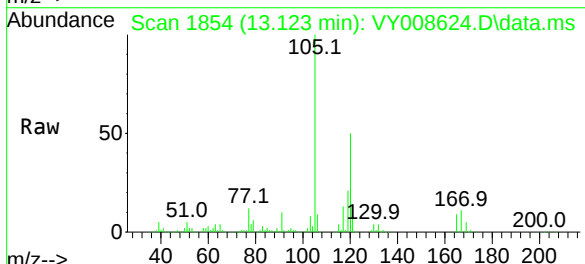
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

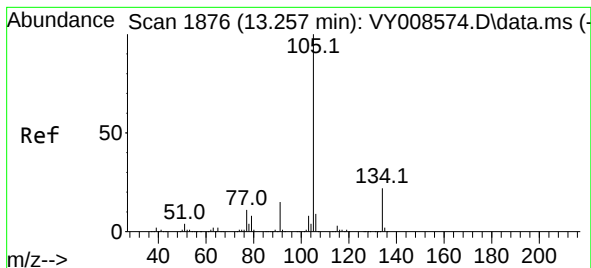
Tgt Ion:119 Resp: 242126  
Ion Ratio Lower Upper  
119 100  
91 59.6 34.8 104.4  
134 26.9 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 56.122 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion:105 Resp: 232108  
Ion Ratio Lower Upper  
105 100  
120 47.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 60.711 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

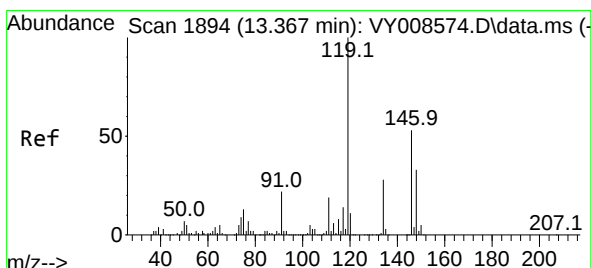
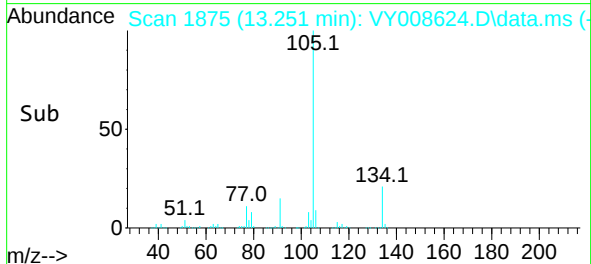
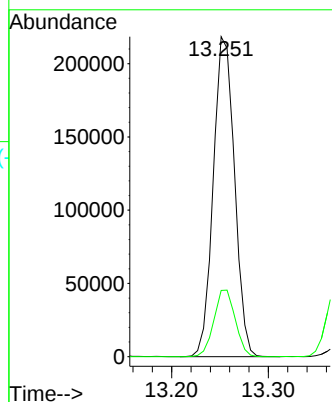
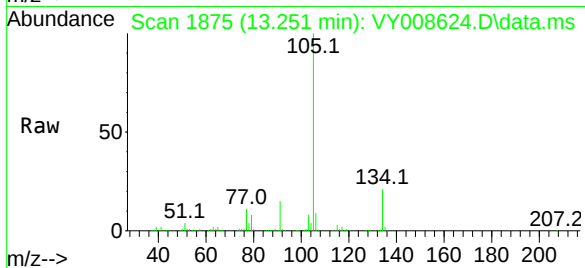
SB05-13-15-FTMS

Tgt Ion:105 Resp: 333455

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 58.047 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

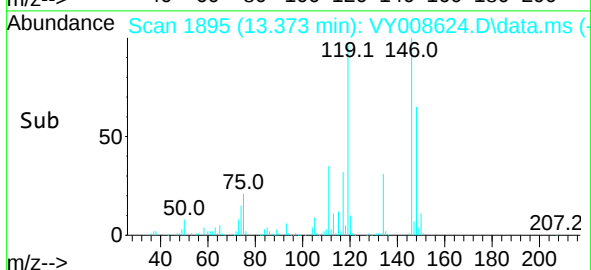
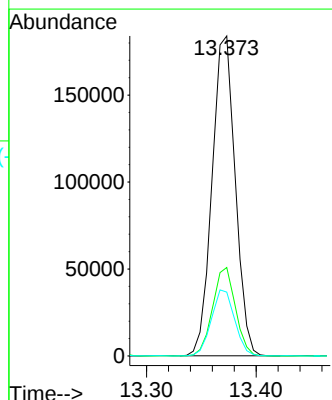
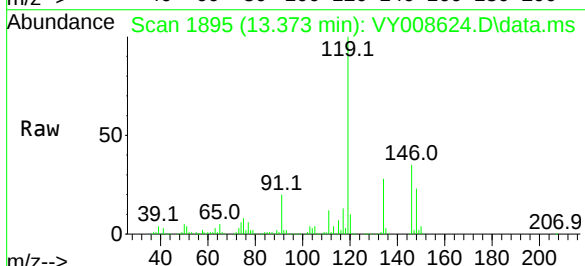
Tgt Ion:119 Resp: 270678

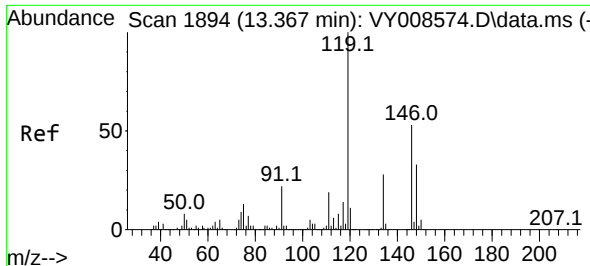
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 20.7 12.4 37.2

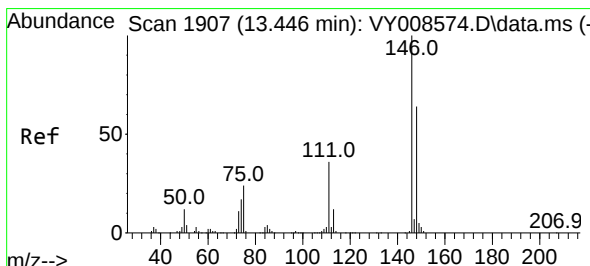
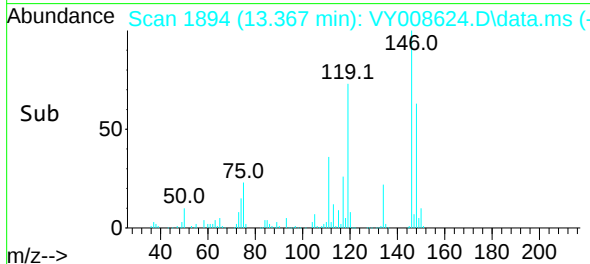
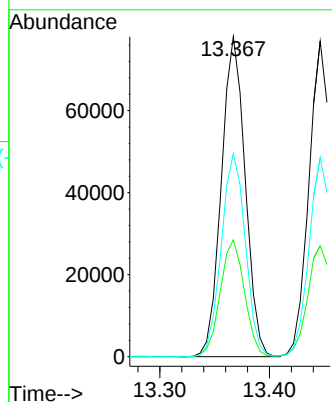
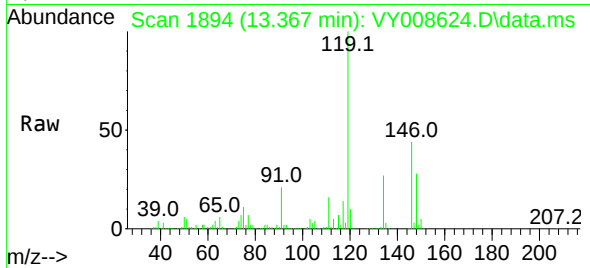




#87  
1,3-Dichlorobenzene  
Concen: 45.853 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

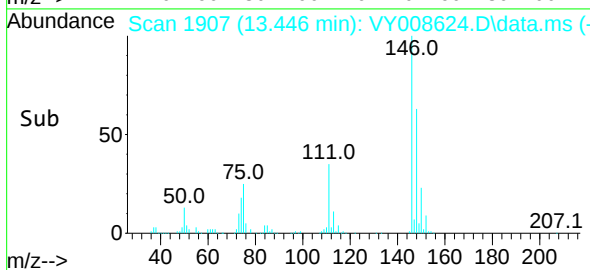
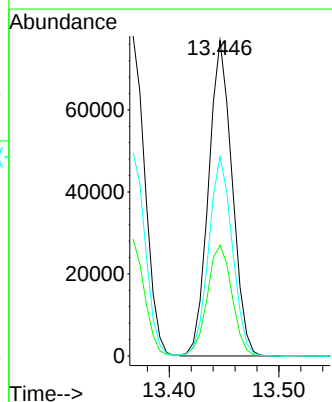
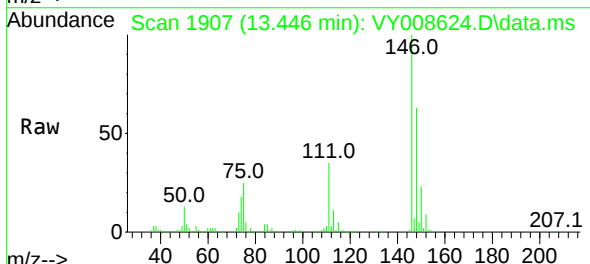
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

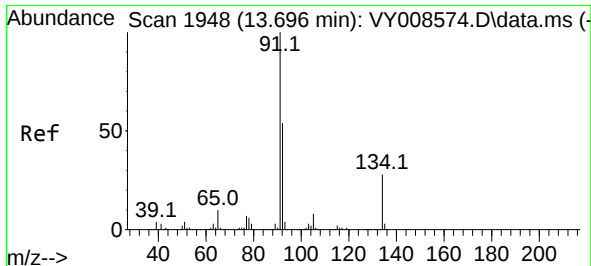
Tgt Ion:146 Resp: 117838  
Ion Ratio Lower Upper  
146 100  
111 37.1 19.5 58.5  
148 64.3 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 45.424 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion:146 Resp: 115144  
Ion Ratio Lower Upper  
146 100  
111 36.7 19.3 57.8  
148 63.3 32.6 97.8





#89

n-Butylbenzene

Concen: 51.043 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

SB05-13-15-FTMS

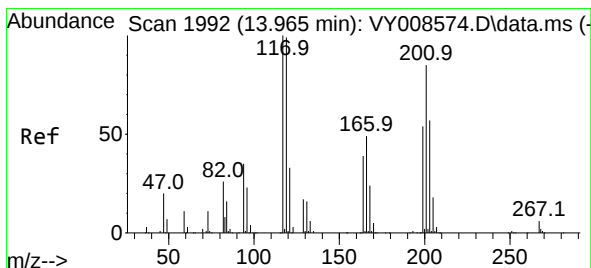
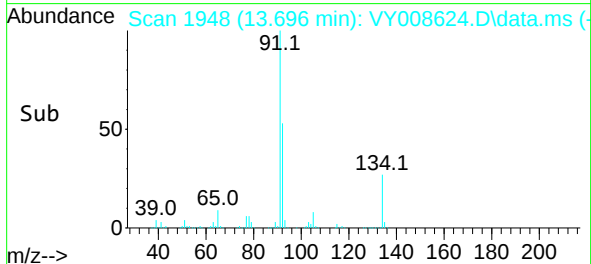
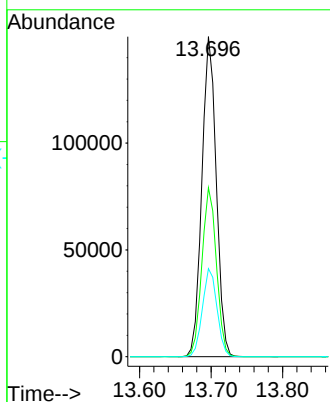
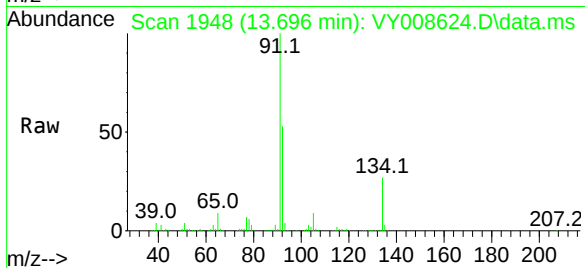
Tgt Ion: 91 Resp: 209655

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

134 27.8 13.0 38.9



#90

Hexachloroethane

Concen: 65.626 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY008624.D

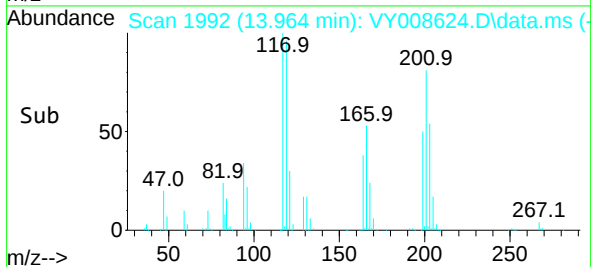
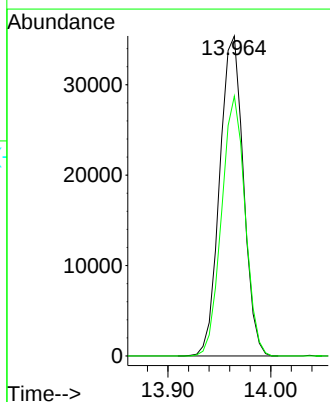
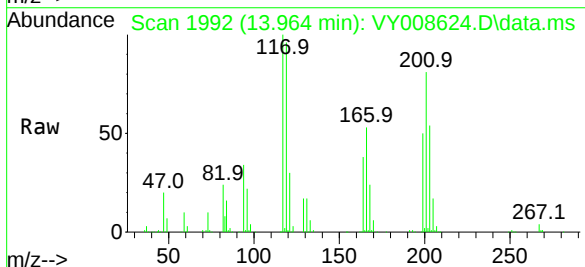
Acq: 04 May 2022 19:53

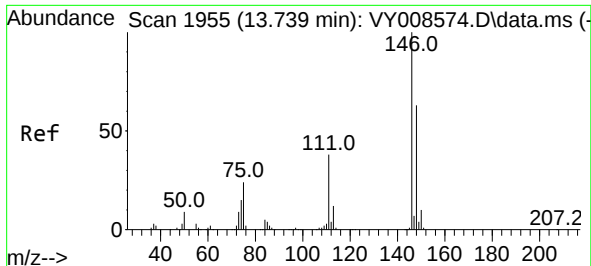
Tgt Ion: 117 Resp: 56676

Ion Ratio Lower Upper

117 100

201 80.5 43.0 128.8

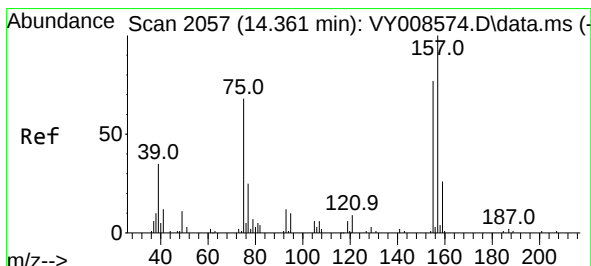
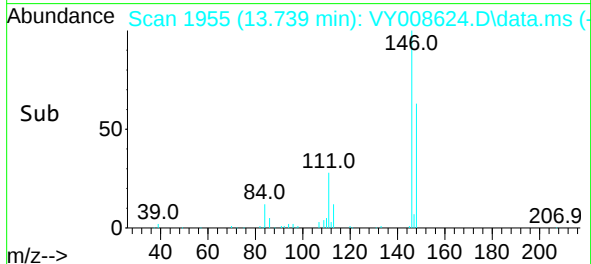
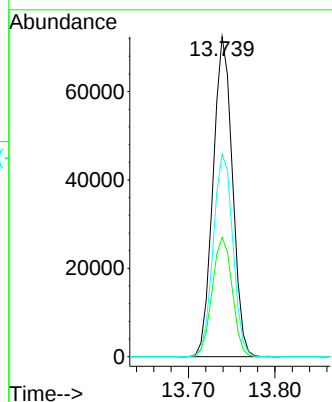
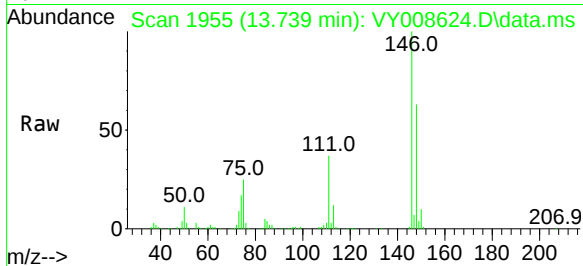




#91  
1,2-Dichlorobenzene  
Concen: 49.121 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

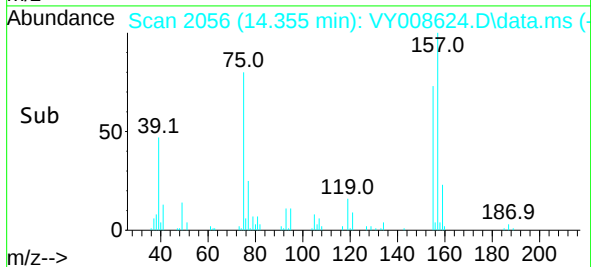
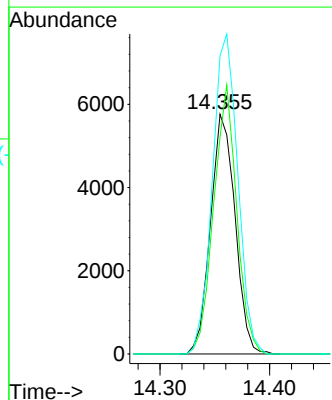
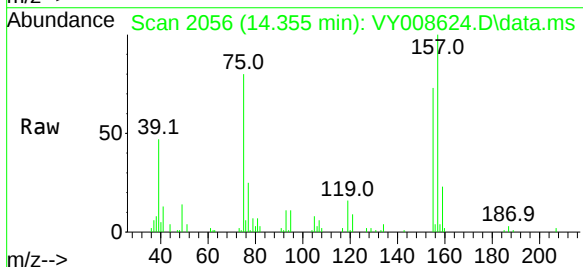
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

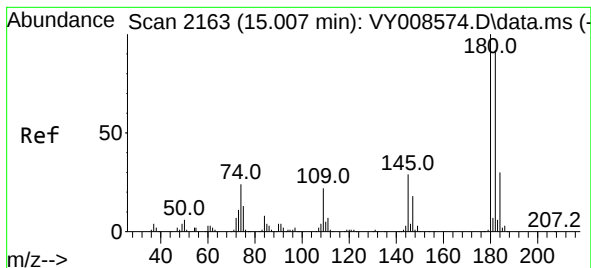
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 112655 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.2  | 20.3  | 60.9   |
| 148       | 64.4  | 32.3  | 96.9   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.813 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 8967  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 105.3 | 38.0  | 113.9 |
| 157       | 137.7 | 47.8  | 143.3 |





#93

1,2,4-Trichlorobenzene

Concen: 34.317 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

Instrument :

MSVOA\_Y

ClientSampleId :

SB05-13-15-FTMS

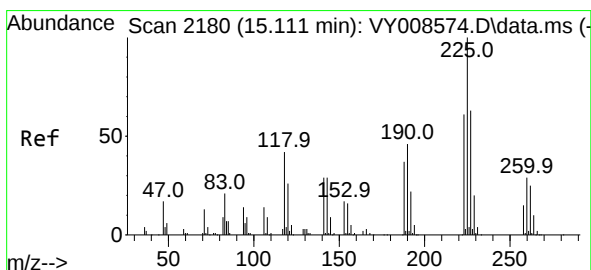
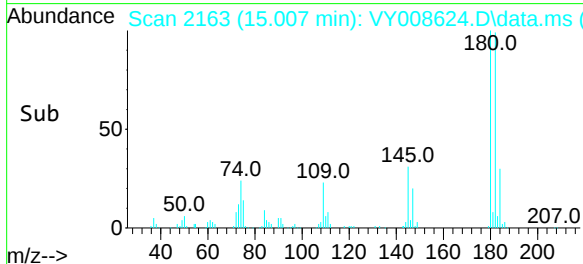
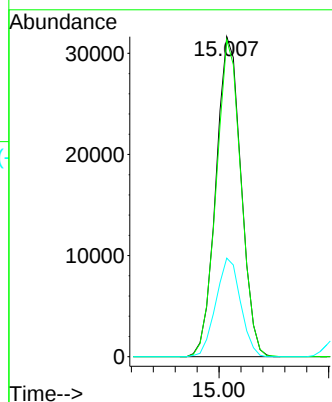
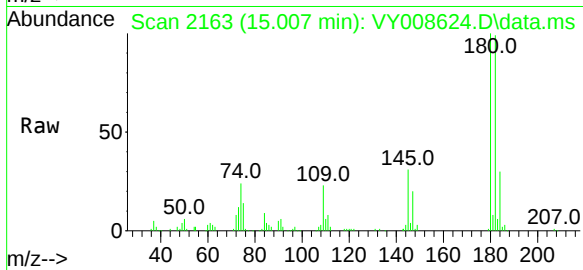
Tgt Ion:180 Resp: 50219

Ion Ratio Lower Upper

180 100

182 97.7 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.260 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008624.D

Acq: 04 May 2022 19:53

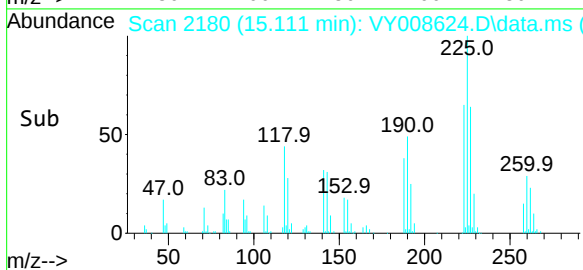
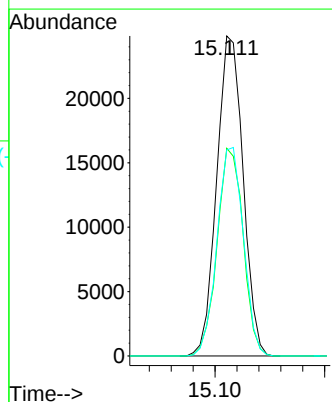
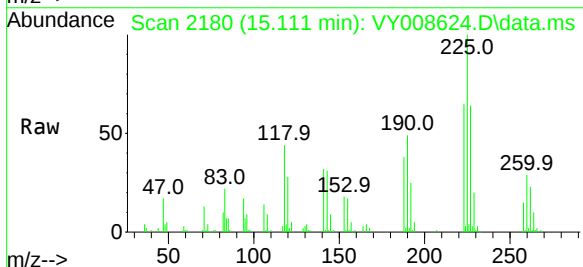
Tgt Ion:225 Resp: 41536

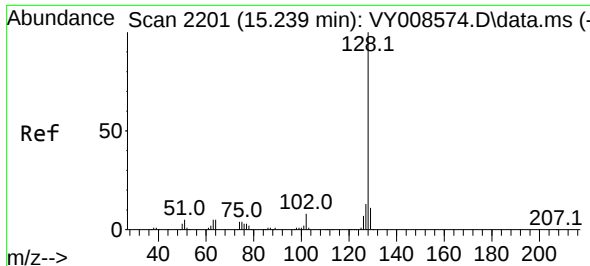
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 65.3 31.6 94.7

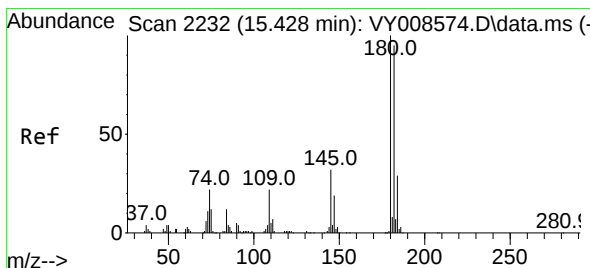
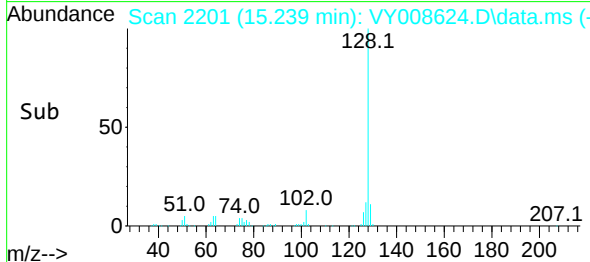
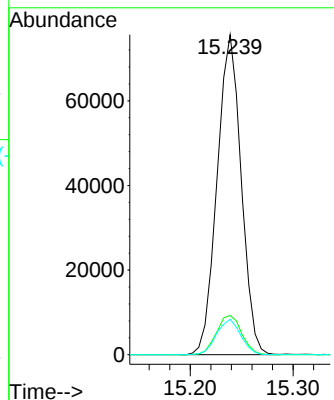
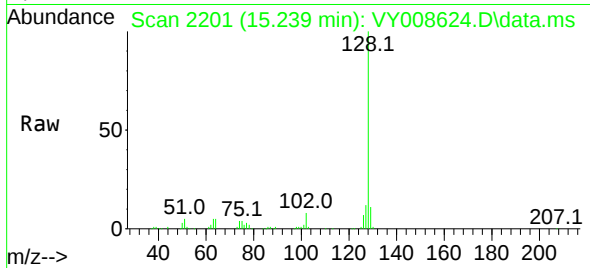




#95  
Naphthalene  
Concen: 41.881 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB05-13-15-FTMS

Tgt Ion:128 Resp: 122900  
Ion Ratio Lower Upper  
128 100  
127 12.9 11.0 16.4  
129 11.1 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 37.980 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY008624.D  
Acq: 04 May 2022 19:53

Tgt Ion:180 Resp: 49331  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.3 141.9  
145 30.5 15.3 45.9

