

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070924\  
 Data File : VY018754.D  
 Acq On : 09 Jul 2024 13:13  
 Operator : SY/MD  
 Sample : VSTDIC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 09 14:20:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 14:18:17 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.777  | 168  | 122020   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.679  | 114  | 188659   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.483 | 117  | 168902   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 84702    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 189669   | 157.965  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 315.940%# |
| 35) Dibromofluoromethane    | 7.704  | 113   | 188198   | 159.272  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 318.540%# |
| 50) Toluene-d8              | 10.173 | 98    | 693281   | 154.866  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 309.740%# |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 239057   | 156.370  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 312.740%# |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.894 | 85  | 137597  | 134.577 | ug/l   | 99  |
| 3) Chloromethane             | 2.101 | 50  | 228656  | 147.166 | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.241 | 62  | 253693  | 139.579 | ug/l   | 99  |
| 5) Bromomethane              | 2.613 | 94  | 169597  | 135.654 | ug/l   | 98  |
| 6) Chloroethane              | 2.772 | 64  | 161351  | 136.643 | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.101 | 101 | 331716  | 139.666 | ug/l   | 97  |
| 8) Diethyl Ether             | 3.509 | 74  | 89015   | 153.772 | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.875 | 101 | 161799  | 132.777 | ug/l   | 95  |
| 10) Methyl Iodide            | 4.070 | 142 | 206058  | 157.030 | ug/l   | 92  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 64456   | 529.926 | ug/l # | 82  |
| 12) 1,1-Dichloroethene       | 3.845 | 96  | 166517  | 141.252 | ug/l   | 98  |
| 13) Acrolein                 | 3.710 | 56  | 73234   | 751.504 | ug/l   | 99  |
| 14) Allyl chloride           | 4.454 | 41  | 226369  | 154.998 | ug/l   | 90  |
| 15) Acrylonitrile            | 5.137 | 53  | 173760  | 760.882 | ug/l   | 99  |
| 16) Acetone                  | 3.930 | 43  | 179962  | 812.970 | ug/l # | 87  |
| 17) Carbon Disulfide         | 4.174 | 76  | 486214  | 147.295 | ug/l   | 100 |
| 18) Methyl Acetate           | 4.460 | 43  | 93246   | 144.972 | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.204 | 73  | 421134  | 153.996 | ug/l   | 98  |
| 20) Methylene Chloride       | 4.692 | 84  | 175752  | 150.135 | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.198 | 96  | 182729  | 146.863 | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.100 | 45  | 498089  | 156.787 | ug/l   | 91  |
| 23) Vinyl Acetate            | 6.039 | 43  | 2048752 | 818.575 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 5.997 | 63  | 304251  | 149.999 | ug/l   | 99  |
| 25) 2-Butanone               | 6.972 | 43  | 249093  | 802.774 | ug/l   | 89  |
| 26) 2,2-Dichloropropane      | 6.966 | 77  | 287713  | 152.875 | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.966 | 96  | 215491  | 148.760 | ug/l   | 96  |
| 28) Bromochloromethane       | 7.320 | 49  | 122329  | 150.157 | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.332 | 42  | 149023  | 783.395 | ug/l   | 93  |
| 30) Chloroform               | 7.490 | 83  | 337970  | 149.506 | ug/l   | 99  |
| 31) Cyclohexane              | 7.771 | 56  | 232637  | 126.113 | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 316935  | 150.770 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 231088  | 141.715 | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.064 | 43  | 104048  | 153.508 | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 289982  | 147.648 | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.173 | 83  | 288302  | 137.963 | ug/l   | 97  |
| 40) Benzene                  | 8.149 | 78  | 710221  | 150.140 | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070924\  
 Data File : VY018754.D  
 Acq On : 09 Jul 2024 13:13  
 Operator : SY/MD  
 Sample : VSTDICC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 09 14:20:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 14:18:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.295  | 41   | 55801    | 151.229  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 201770   | 152.346  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 212401   | 157.486  | ug/l   | 93       |
| 44) Trichloroethene           | 8.935  | 130  | 201557   | 149.062  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 154395   | 149.885  | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 102079   | 152.883  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.490  | 83   | 261033   | 156.493  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.283  | 41   | 100031   | 163.175  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 23577    | 3012.309 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 559822   | 812.996  | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 469035   | 149.180  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 235668   | 163.638  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 267211   | 158.155  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 128379   | 151.836  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.502 | 69   | 181387   | 162.947  | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 215932   | 154.060  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 408420   | 767.967  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.825 | 43   | 406913   | 844.680  | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.977 | 129  | 185769   | 159.907  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 124406   | 151.347  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 196191   | 143.505  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.508 | 112  | 529948   | 148.736  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 189690   | 154.521  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.587 | 91   | 942562   | 151.009  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.697 | 106  | 735946   | 300.462  | ug/l   | 95       |
| 69) o-Xylene                  | 12.026 | 106  | 352008   | 152.862  | ug/l   | 98       |
| 70) Styrene                   | 12.038 | 104  | 597337   | 155.463  | ug/l   | 96       |
| 71) Bromoform                 | 12.203 | 173  | 107735   | 161.006  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 900565   | 145.275  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 213335   | 168.277  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 141633   | 144.930  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 192834   | 270.686  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 216047   | 145.988  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.666 | 91   | 1060414  | 144.048  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 600943   | 145.179  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 744306   | 146.743  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 48397    | 163.272  | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 623503   | 146.282  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.069 | 119  | 679286   | 145.060  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 754338   | 149.661  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 927614   | 139.558  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 850003   | 148.130  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 436212   | 150.077  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 412087   | 143.047  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.690 | 91   | 725469   | 139.455  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 159167   | 149.151  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 364369   | 145.123  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 23337    | 147.374  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 229761   | 149.908  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 116537   | 131.915  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 430426   | 163.704  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 198294   | 151.210  | ug/l   | 99       |

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Data File : VY018754.D  
Acq On : 09 Jul 2024 13:13  
Operator : SY/MD  
Sample : VSTDICC150  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

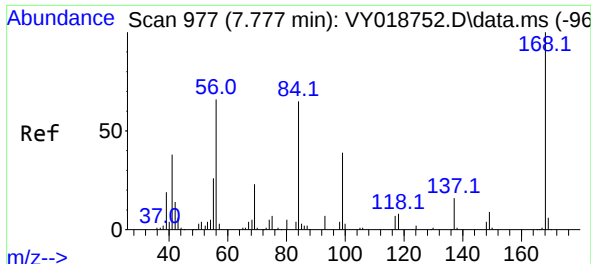
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jul 09 14:20:26 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 09 14:18:17 2024  
Response via : Initial Calibration

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

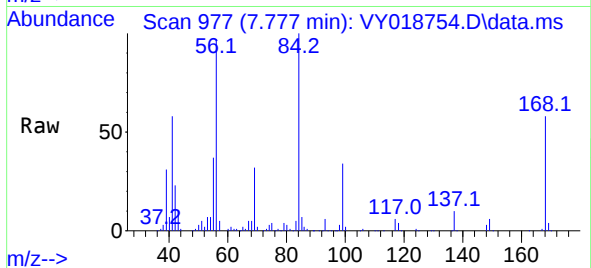
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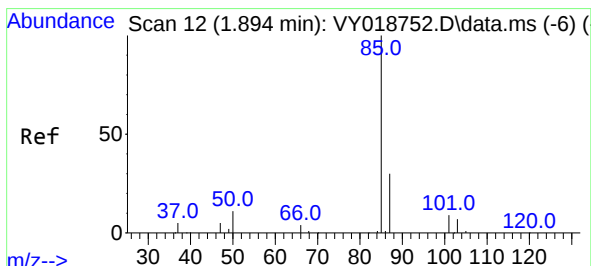
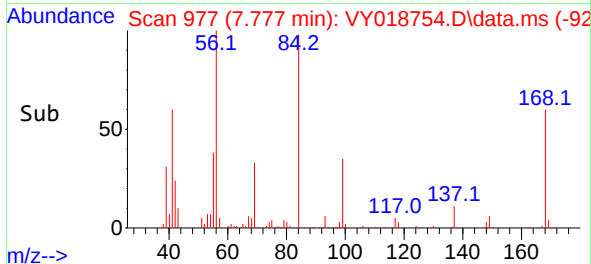
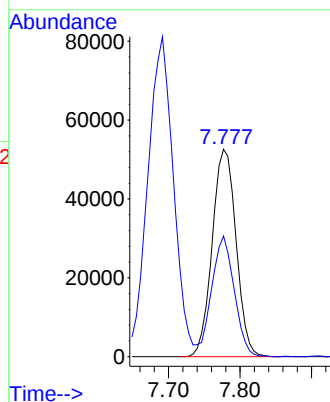


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

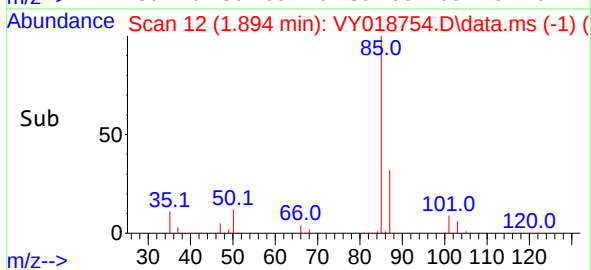
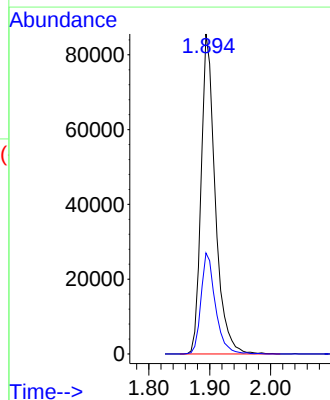
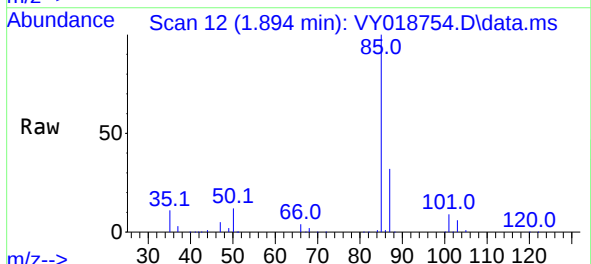


Tgt Ion:168 Resp: 122020  
Ion Ratio Lower Upper  
168 100  
99 58.1 39.1 58.7

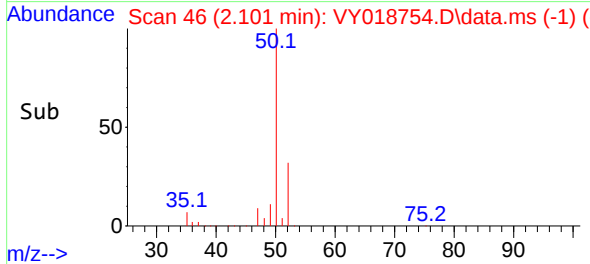
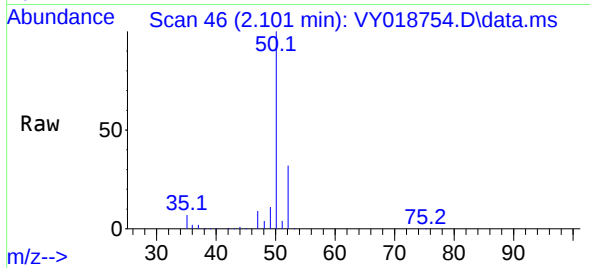
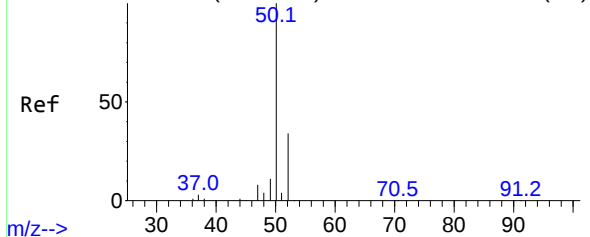


#2  
Dichlorodifluoromethane  
Concen: 134.577 ug/l  
RT: 1.894 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 85 Resp: 137597  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.0 48.0



Abundance Scan 46 (2.101 min): VY018752.D\data.ms (-40)



#3

Chloromethane

Concen: 147.166 ug/l

RT: 2.101 min Scan# 40

Delta R.T. 0.000 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

Instrument :

MSVOA\_Y

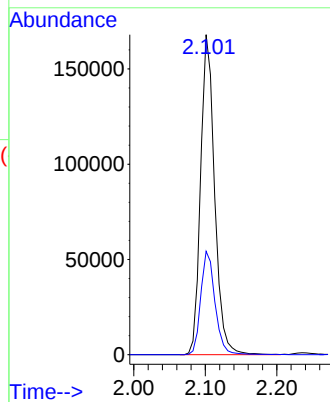
ClientSampleId :

Tgt Ion: 50 Resp: 228656

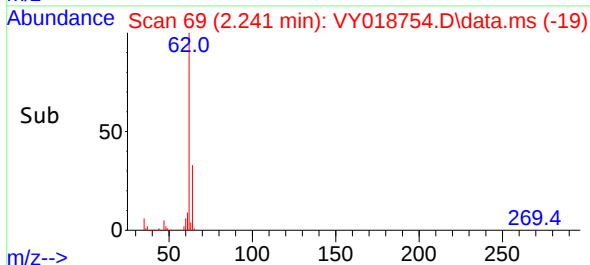
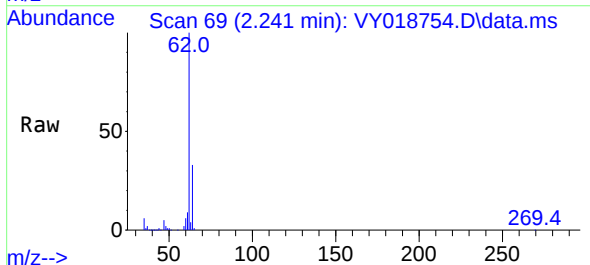
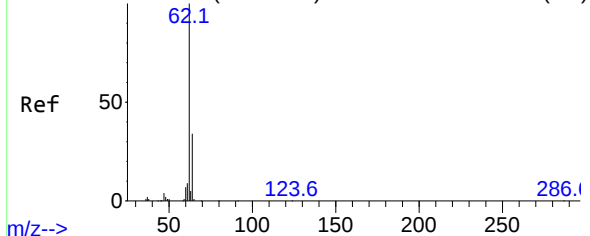
Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



Abundance Scan 68 (2.235 min): VY018752.D\data.ms (-60)



#4

Vinyl Chloride

Concen: 139.579 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.006 min

Lab File: VY018754.D

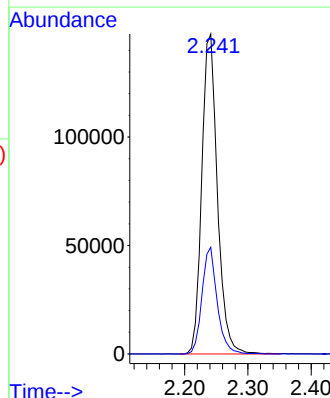
Acq: 09 Jul 2024 13:13

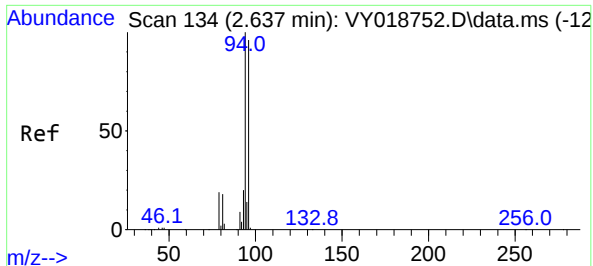
Tgt Ion: 62 Resp: 253693

Ion Ratio Lower Upper

62 100

64 33.4 26.1 39.1

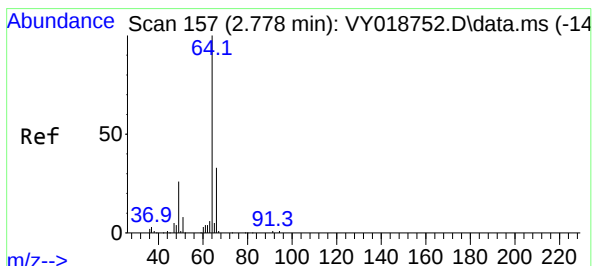
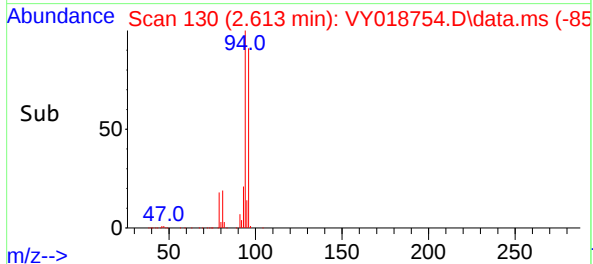
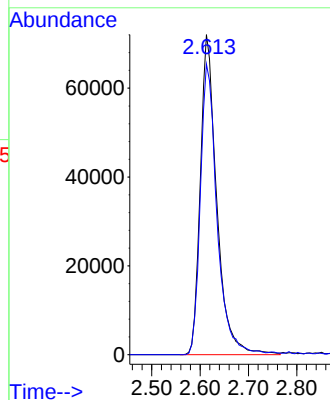
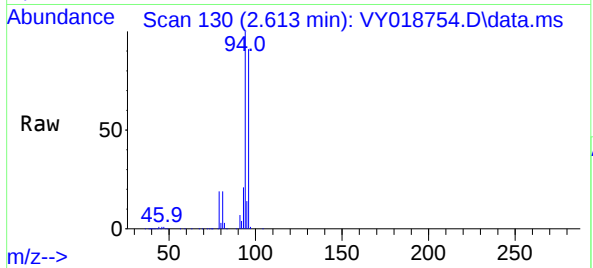




#5  
Bromomethane  
Concen: 135.654 ug/l  
RT: 2.613 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

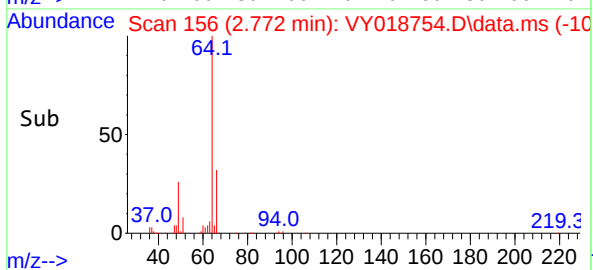
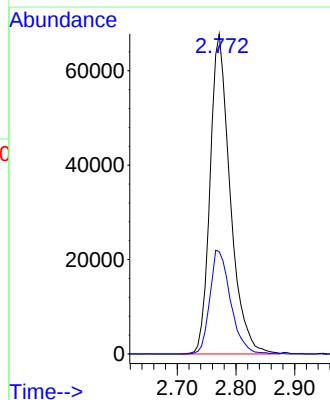
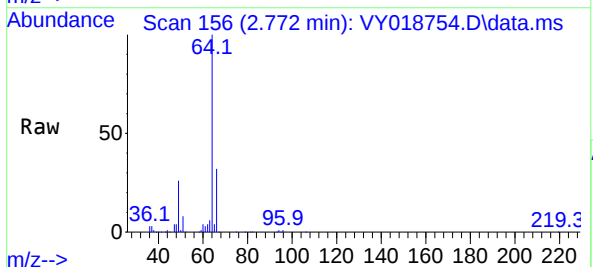
Instrument :  
MSVOA\_Y  
ClientSampleId :

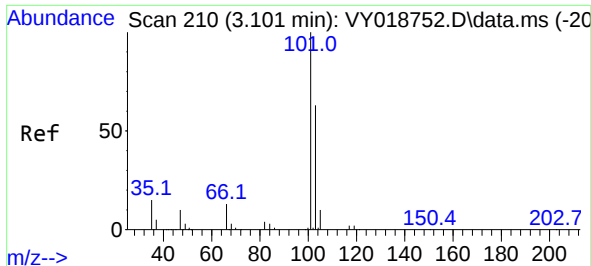
Tgt Ion: 94 Resp: 169597  
Ion Ratio Lower Upper  
94 100  
96 90.8 74.1 111.1



#6  
Chloroethane  
Concen: 136.643 ug/l  
RT: 2.772 min Scan# 156  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

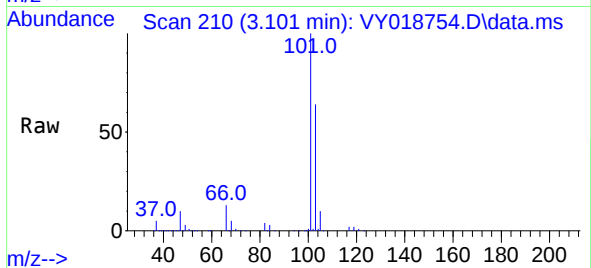
Tgt Ion: 64 Resp: 161351  
Ion Ratio Lower Upper  
64 100  
66 32.0 26.1 39.1



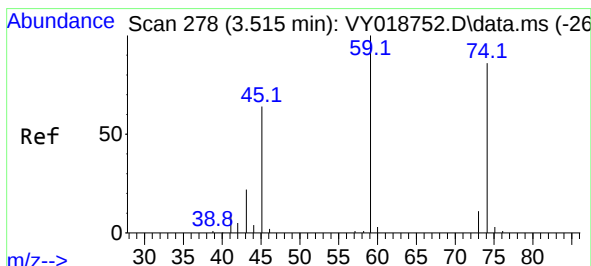
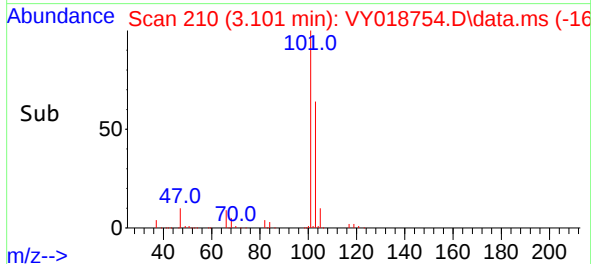
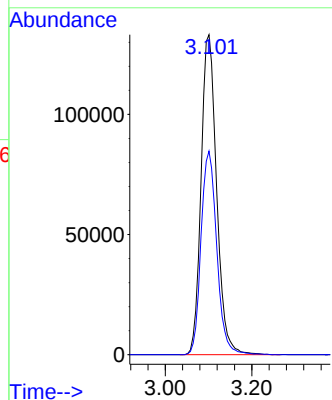


#7  
Trichlorofluoromethane  
Concen: 139.666 ug/l  
RT: 3.101 min Scan# 210  
Delta R.T. -0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

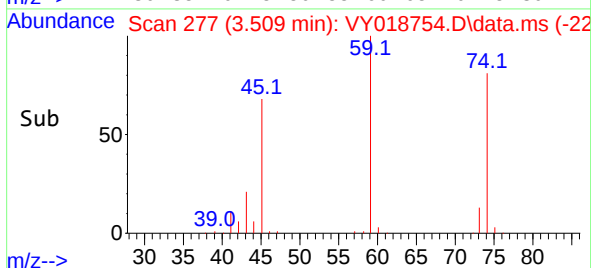
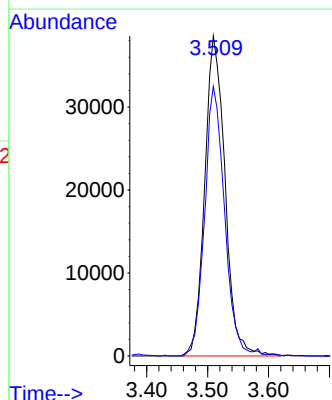
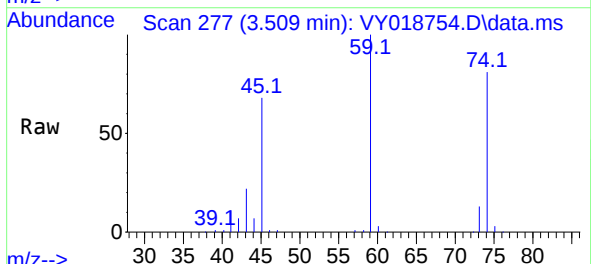


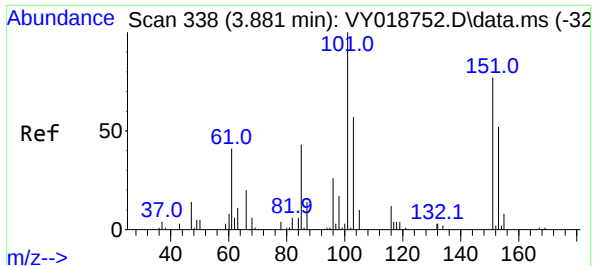
Tgt Ion:101 Resp: 331716  
Ion Ratio Lower Upper  
101 100  
103 63.6 49.3 73.9



#8  
Diethyl Ether  
Concen: 153.772 ug/l  
RT: 3.509 min Scan# 277  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 74 Resp: 89015  
Ion Ratio Lower Upper  
74 100  
45 83.3 41.3 124.1

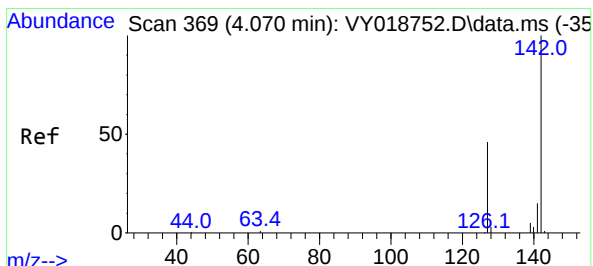
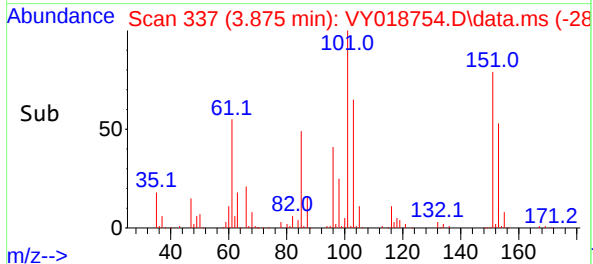
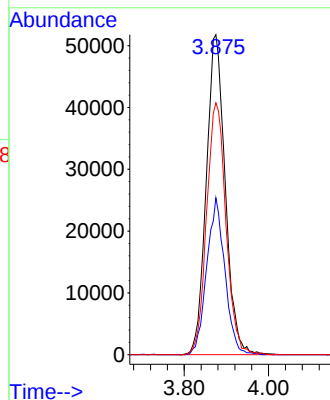
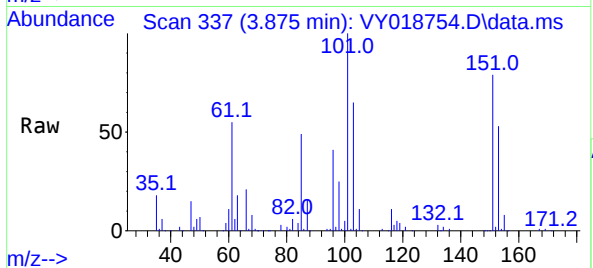




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 132.777 ug/l  
RT: 3.875 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

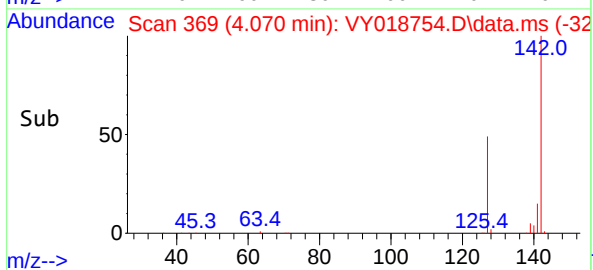
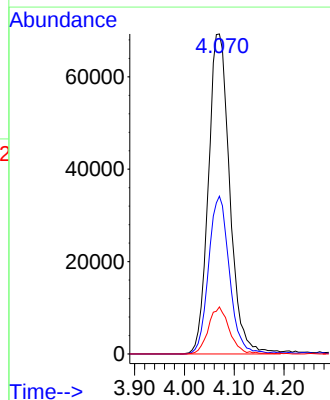
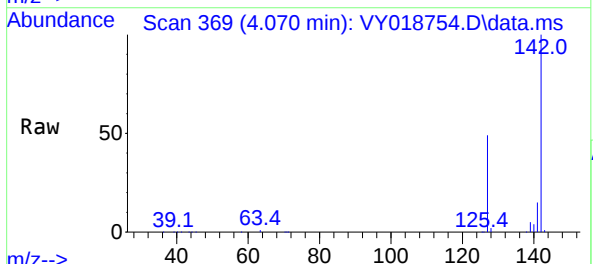
Instrument :  
MSVOA\_Y  
ClientSampleId :

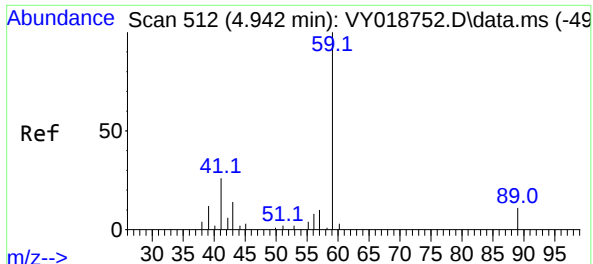
Tgt Ion:101 Resp: 161799  
Ion Ratio Lower Upper  
101 100  
85 46.9 34.5 51.7  
151 80.4 61.7 92.5



#10  
Methyl Iodide  
Concen: 157.030 ug/l  
RT: 4.070 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:142 Resp: 206058  
Ion Ratio Lower Upper  
142 100  
127 48.0 32.8 49.2  
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 529.926 ug/l

RT: 4.948 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

Instrument :

MSVOA\_Y

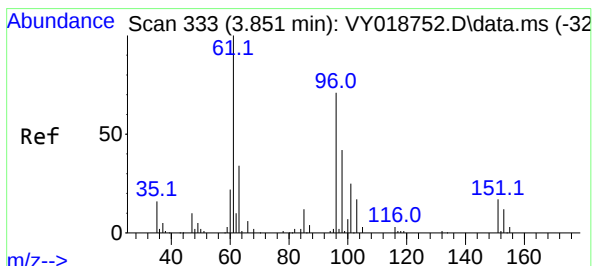
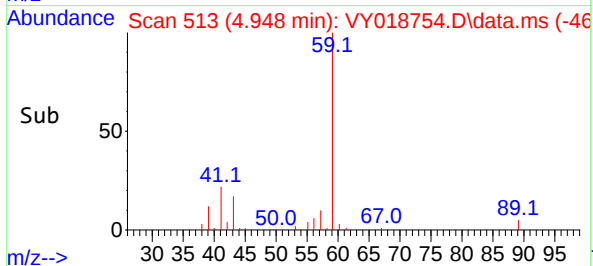
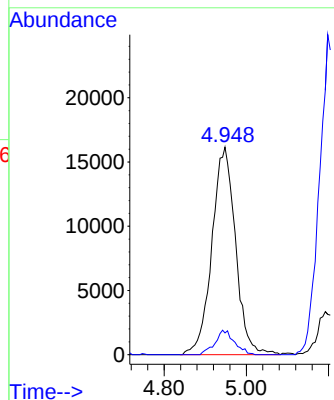
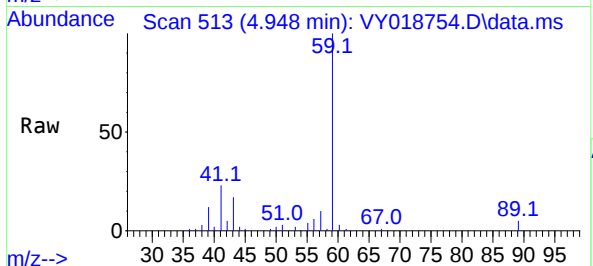
ClientSampleId :

Tgt Ion: 59 Resp: 64456

Ion Ratio Lower Upper

59 100

57 9.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 141.252 ug/l

RT: 3.845 min Scan# 332

Delta R.T. -0.006 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

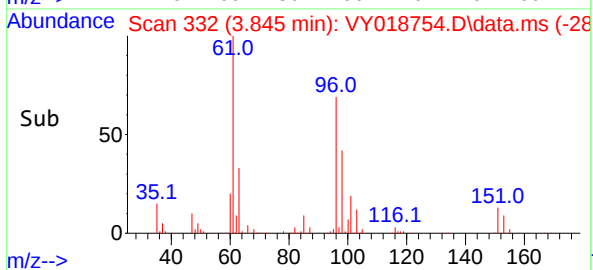
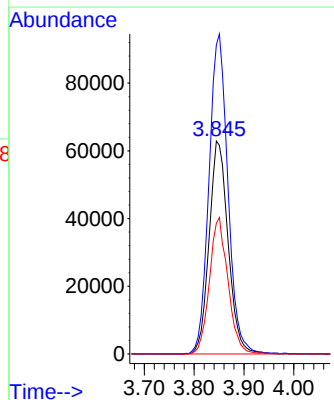
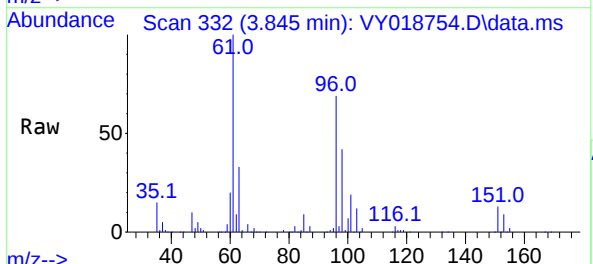
Tgt Ion: 96 Resp: 166517

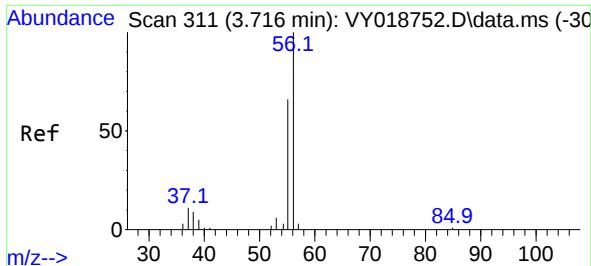
Ion Ratio Lower Upper

96 100

61 145.2 114.6 171.8

98 61.4 50.8 76.2

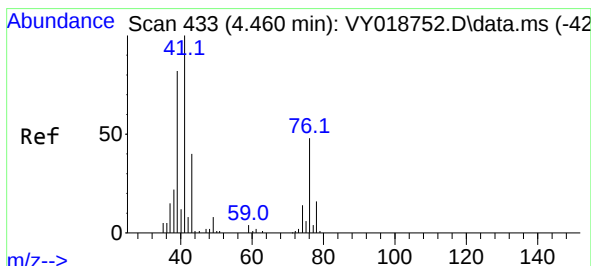
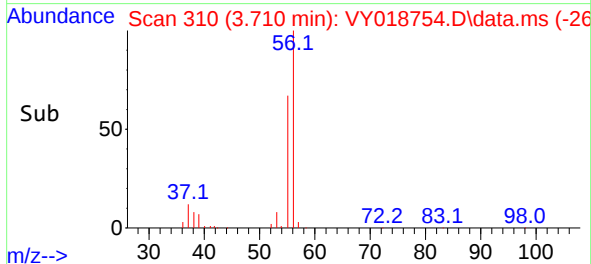
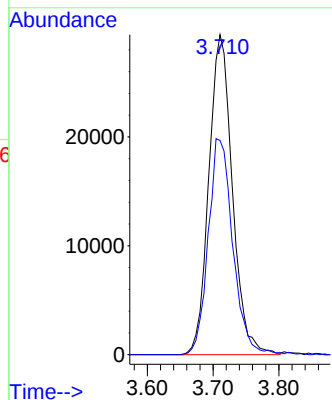
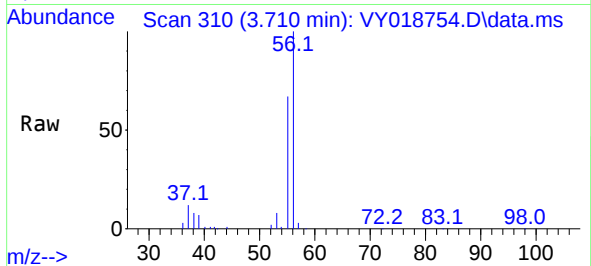




#13  
Acrolein  
Concen: 751.504 ug/l  
RT: 3.710 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

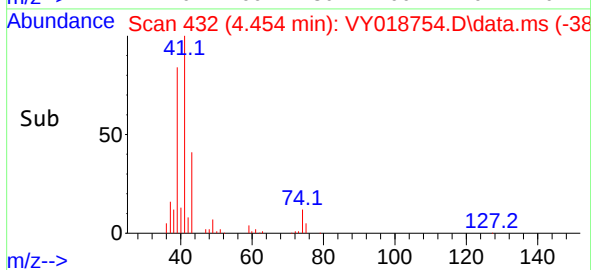
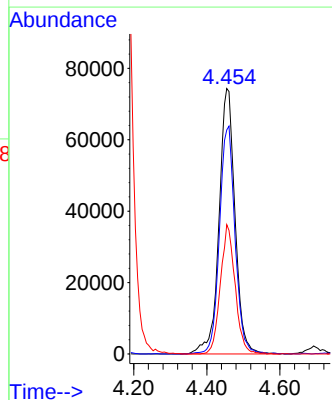
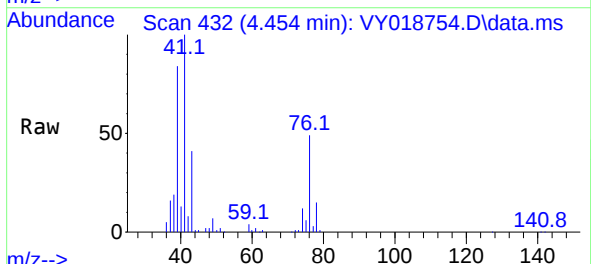
Instrument :  
MSVOA\_Y  
ClientSampleId :

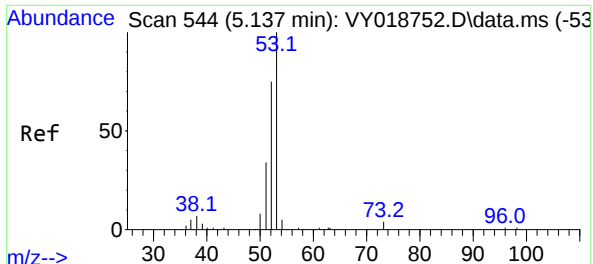
Tgt Ion: 56 Resp: 73234  
Ion Ratio Lower Upper  
56 100  
55 70.3 55.7 83.5



#14  
Allyl chloride  
Concen: 154.998 ug/l  
RT: 4.454 min Scan# 432  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

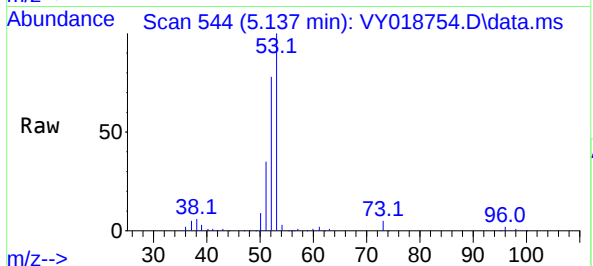
Tgt Ion: 41 Resp: 226369  
Ion Ratio Lower Upper  
41 100  
39 83.6 58.3 87.5  
76 44.8 39.0 58.6



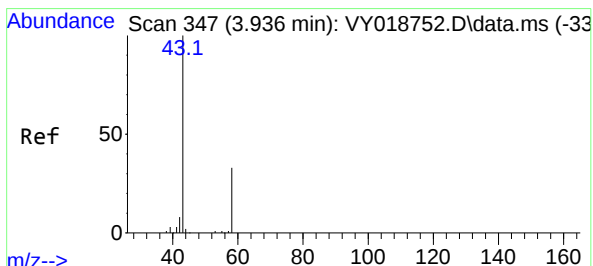
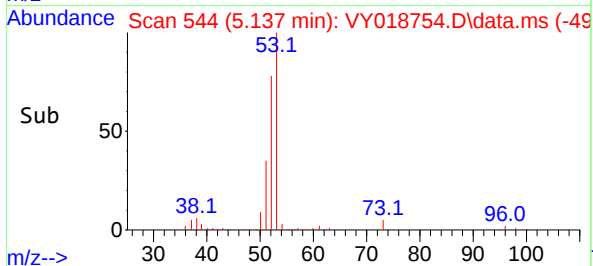
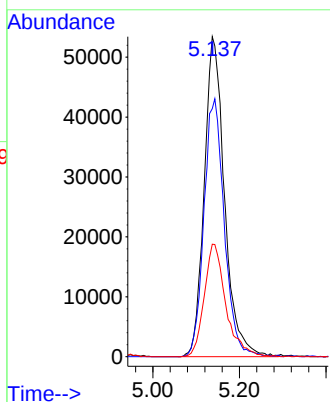


#15  
Acrylonitrile  
Concen: 760.882 ug/l  
RT: 5.137 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

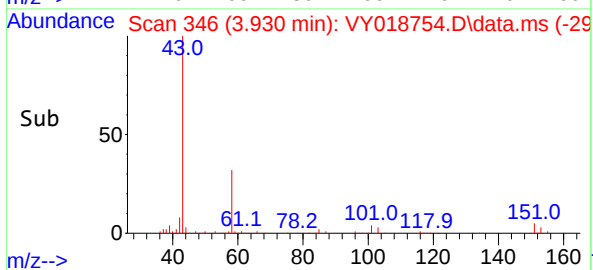
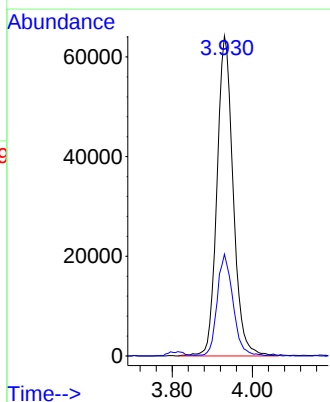
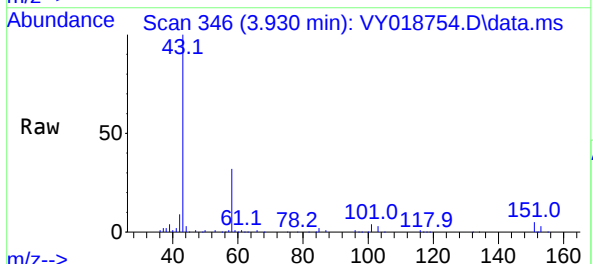


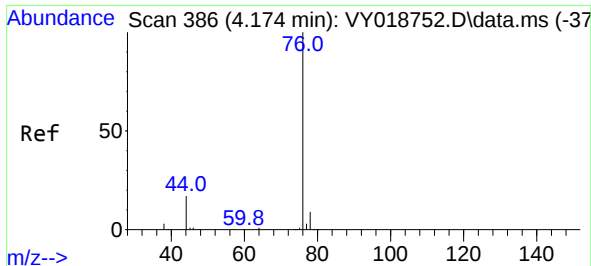
Tgt Ion: 53 Resp: 173760  
Ion Ratio Lower Upper  
53 100  
52 81.1 64.7 97.1  
51 37.5 28.4 42.6



#16  
Acetone  
Concen: 812.970 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 43 Resp: 179962  
Ion Ratio Lower Upper  
43 100  
58 31.6 31.7 47.5#

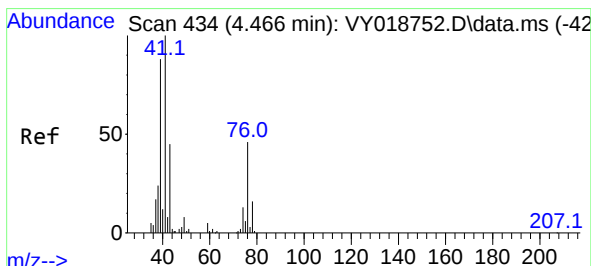
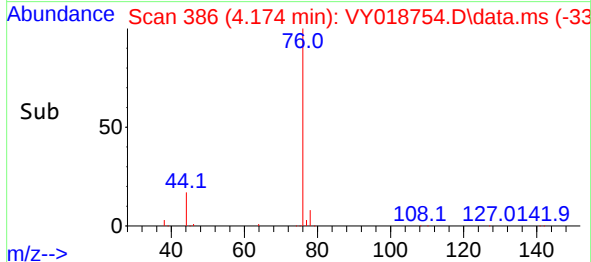
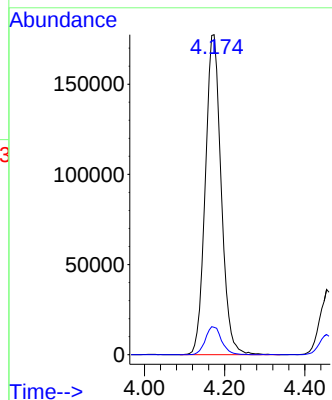
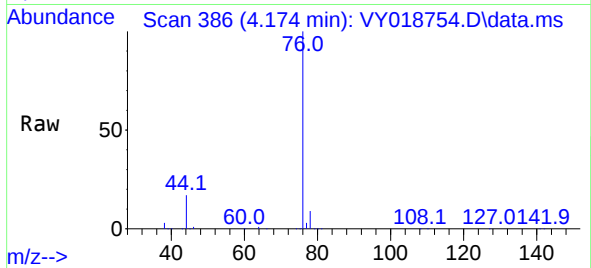




#17  
Carbon Disulfide  
Concen: 147.295 ug/l  
RT: 4.174 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

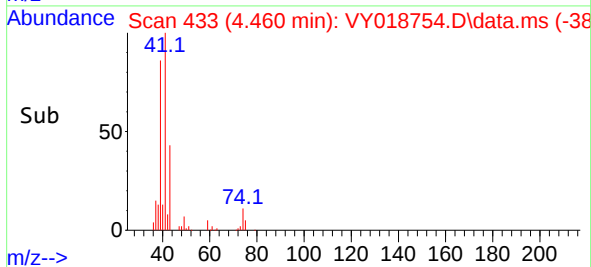
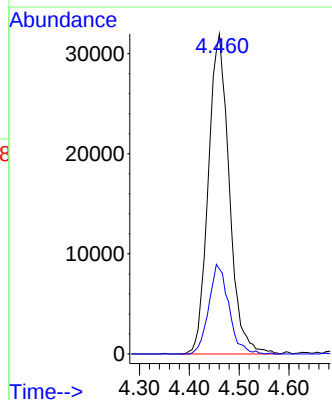
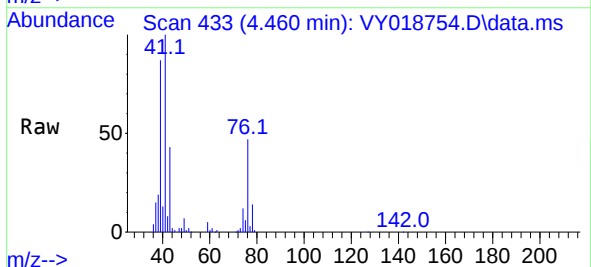
Instrument :  
MSVOA\_Y  
ClientSampleId :

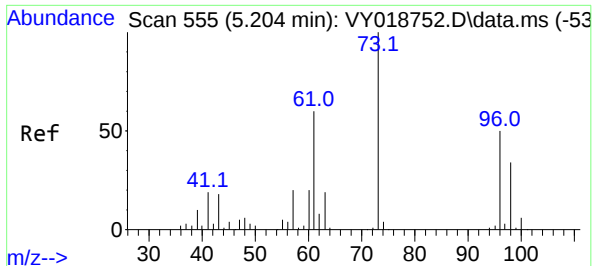
Tgt Ion: 76 Resp: 486214  
Ion Ratio Lower Upper  
76 100  
78 8.5 6.8 10.2



#18  
Methyl Acetate  
Concen: 144.972 ug/l  
RT: 4.460 min Scan# 433  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 43 Resp: 93246  
Ion Ratio Lower Upper  
43 100  
74 26.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 153.996 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

Instrument :

MSVOA\_Y

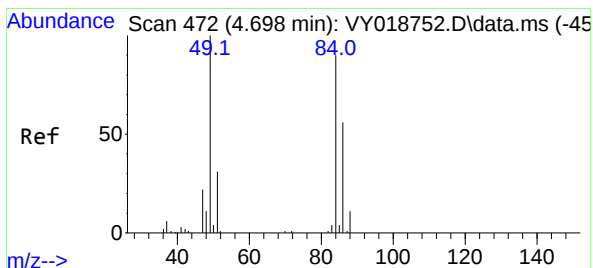
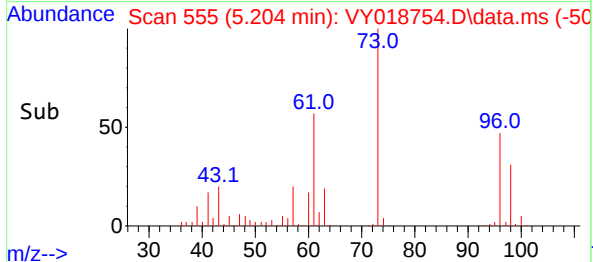
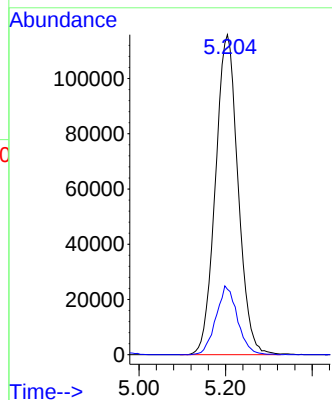
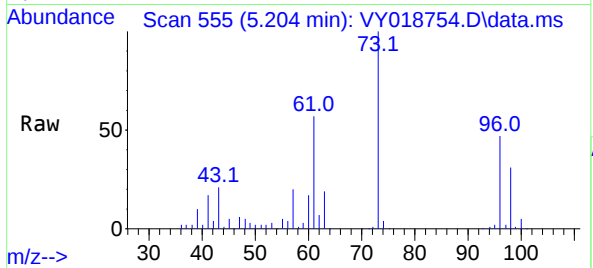
ClientSampleId :

Tgt Ion: 73 Resp: 421134

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 150.135 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

Tgt Ion: 84 Resp: 175752

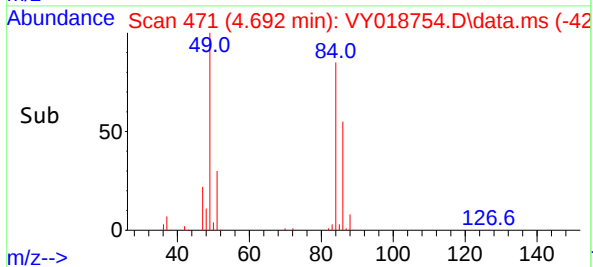
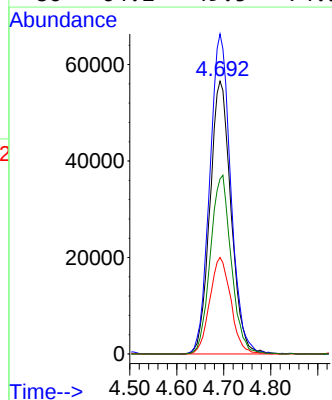
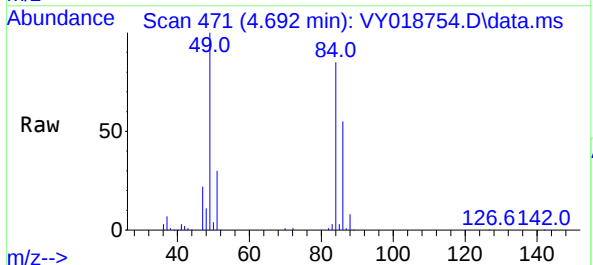
Ion Ratio Lower Upper

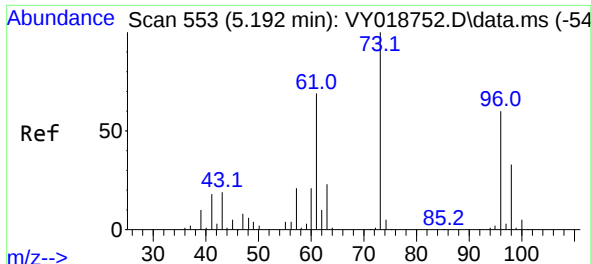
84 100

49 117.3 84.4 126.6

51 35.3 26.0 39.0

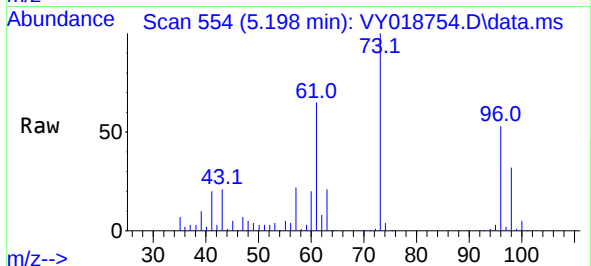
86 64.2 49.5 74.3



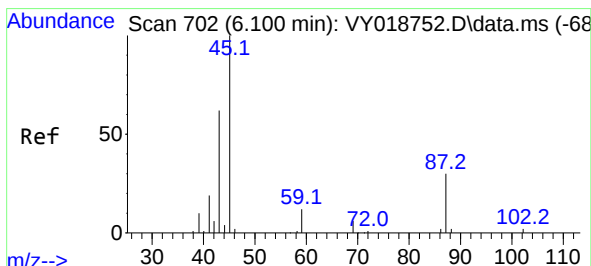
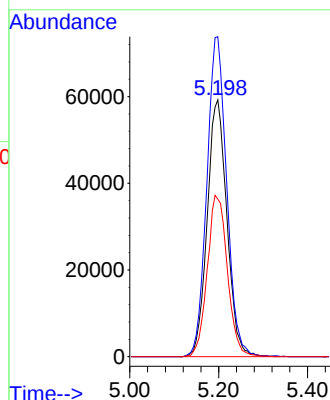
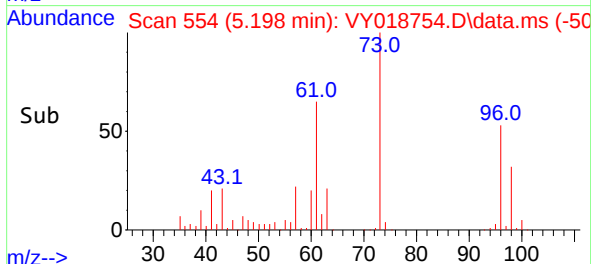


#21  
trans-1,2-Dichloroethene  
Concen: 146.863 ug/l  
RT: 5.198 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

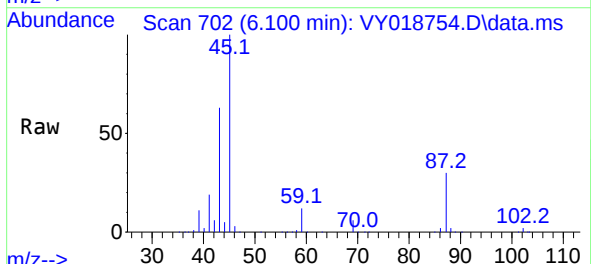
Instrument :  
MSVOA\_Y  
ClientSampleId :



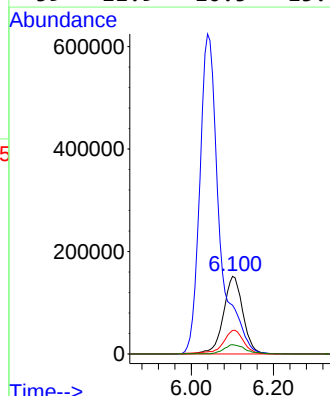
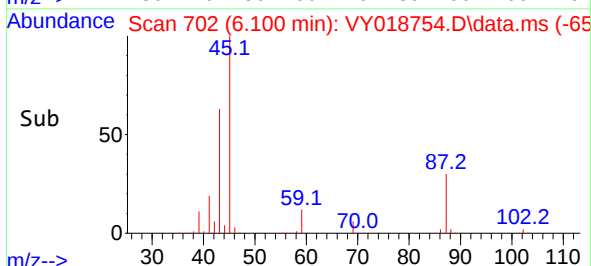
Tgt Ion: 96 Resp: 182729  
Ion Ratio Lower Upper  
96 100  
61 124.6 97.5 146.3  
98 61.3 50.5 75.7

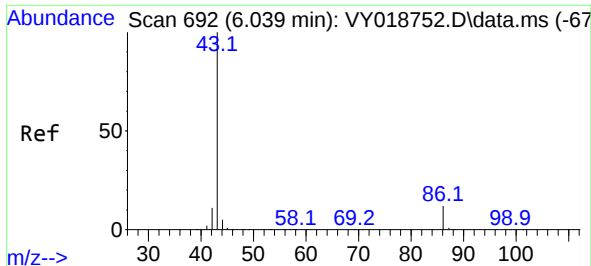


#22  
Diisopropyl ether  
Concen: 156.787 ug/l  
RT: 6.100 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13



Tgt Ion: 45 Resp: 498089  
Ion Ratio Lower Upper  
45 100  
43 62.5 42.2 63.2  
87 30.2 25.0 37.6  
59 11.9 10.5 15.7

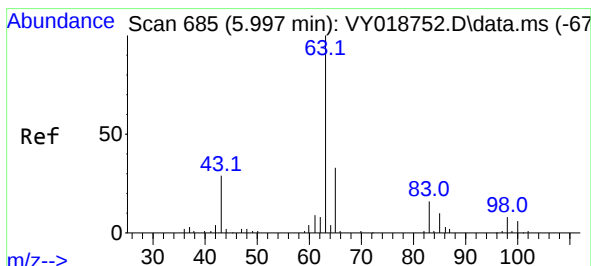
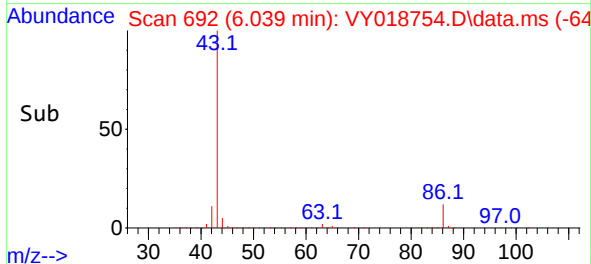
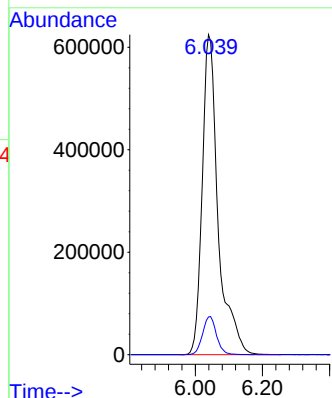
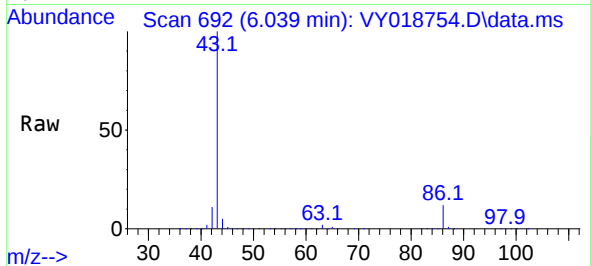




#23  
Vinyl Acetate  
Concen: 818.575 ug/l  
RT: 6.039 min Scan# 692  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

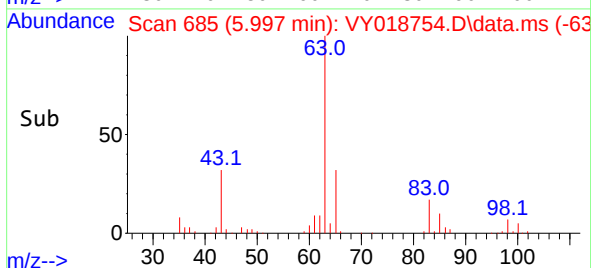
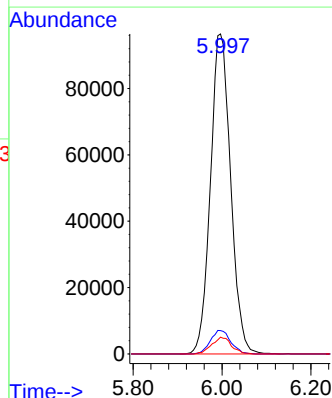
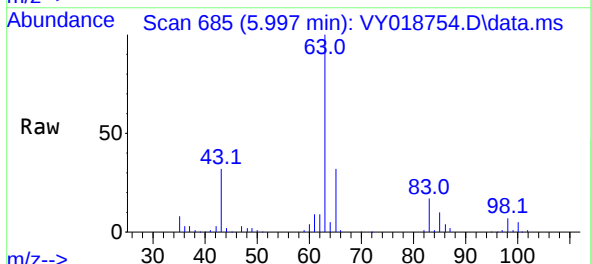
Instrument :  
MSVOA\_Y  
ClientSampleId :

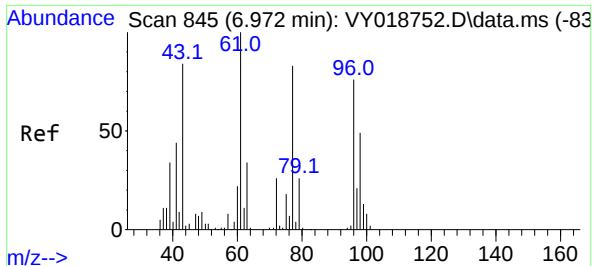
Tgt Ion: 43 Resp: 2048752  
Ion Ratio Lower Upper  
43 100  
86 11.8 10.6 16.0



#24  
1,1-Dichloroethane  
Concen: 149.999 ug/l  
RT: 5.997 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 63 Resp: 304251  
Ion Ratio Lower Upper  
63 100  
98 7.3 4.0 12.2  
100 5.3 2.6 8.0

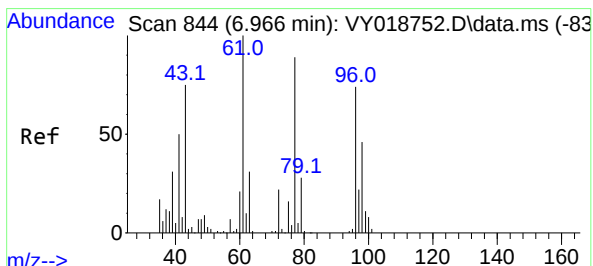
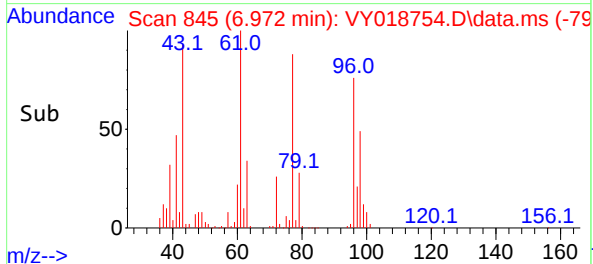
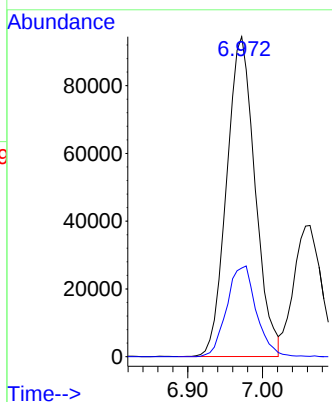
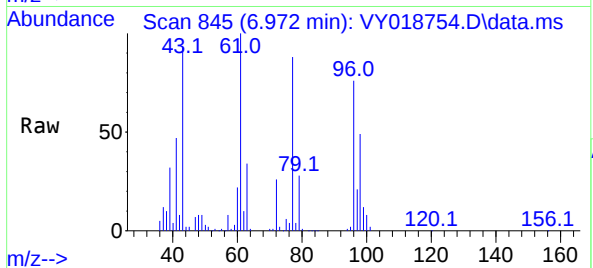




#25  
2-Butanone  
Concen: 802.774 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

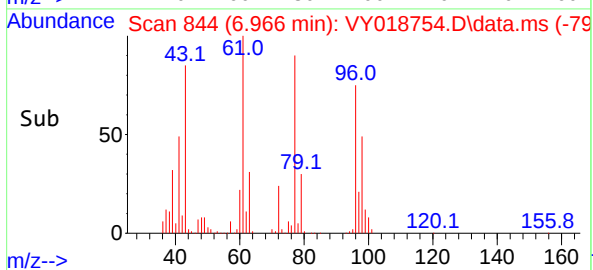
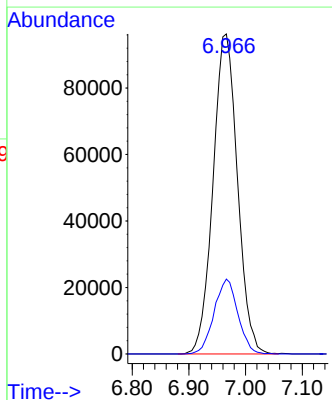
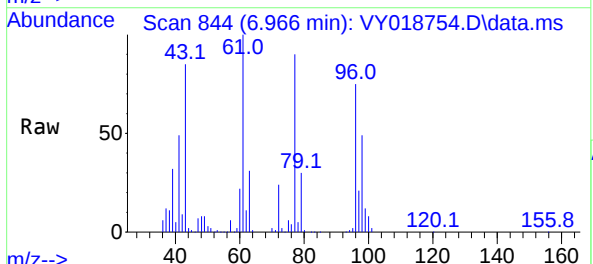
Instrument :  
MSVOA\_Y  
ClientSampleId :

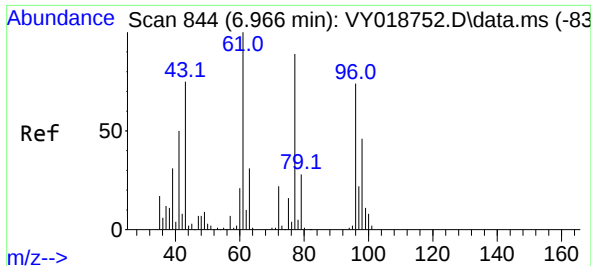
Tgt Ion: 43 Resp: 249093  
Ion Ratio Lower Upper  
43 100  
72 27.7 27.3 40.9



#26  
2,2-Dichloropropane  
Concen: 152.875 ug/l  
RT: 6.966 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

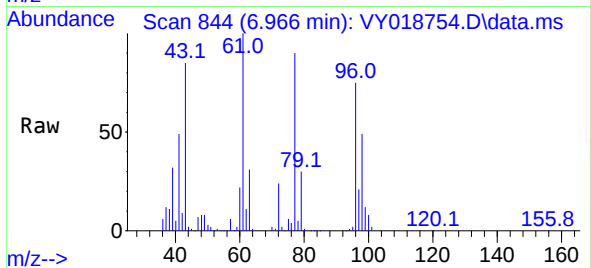
Tgt Ion: 77 Resp: 287713  
Ion Ratio Lower Upper  
77 100  
97 22.7 12.0 36.1



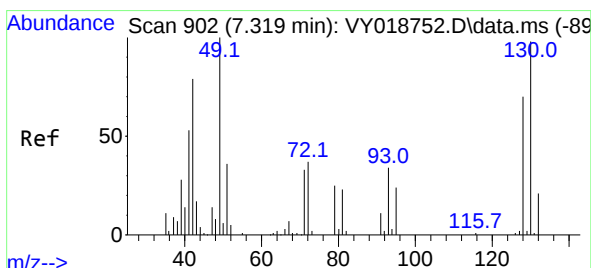
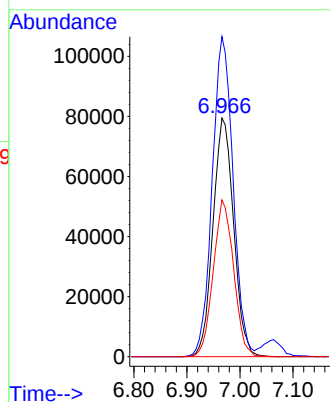
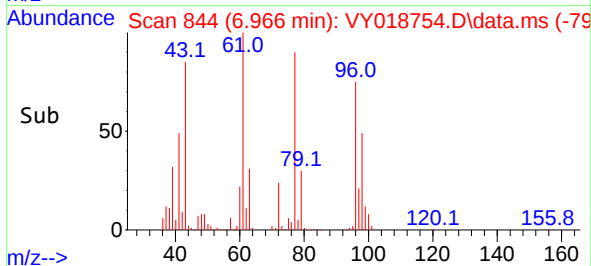


#27  
cis-1,2-Dichloroethene  
Concen: 148.760 ug/l  
RT: 6.966 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

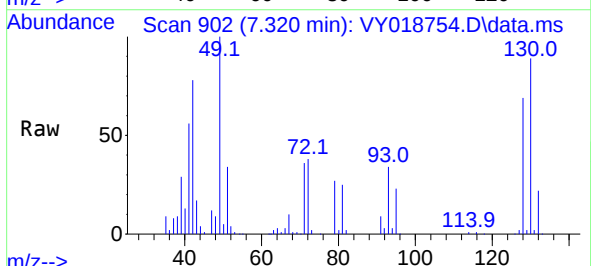
Instrument :  
MSVOA\_Y  
ClientSampleId :



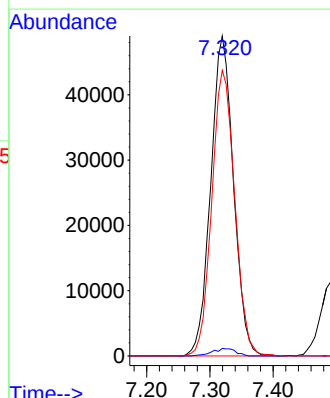
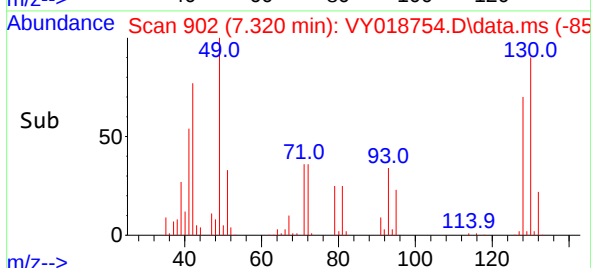
Tgt Ion: 96 Resp: 215491  
Ion Ratio Lower Upper  
96 100  
61 134.9 0.0 256.2  
98 64.7 0.0 130.0

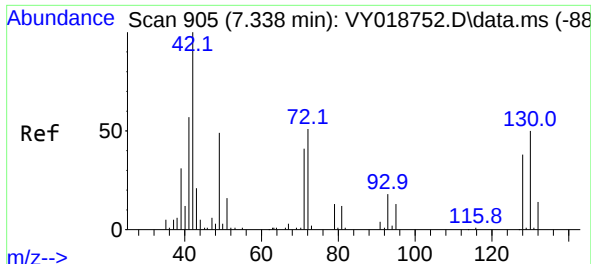


#28  
Bromochloromethane  
Concen: 150.157 ug/l  
RT: 7.320 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13



Tgt Ion: 49 Resp: 122329  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 4.6  
130 89.8 72.7 109.1

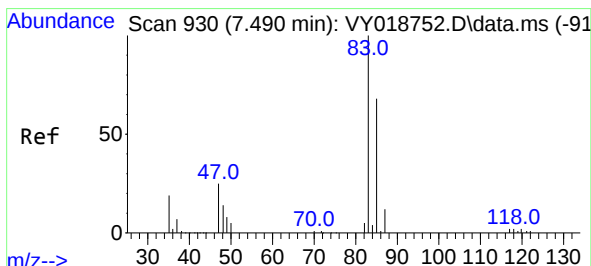
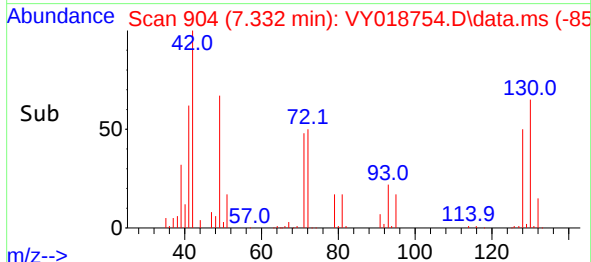
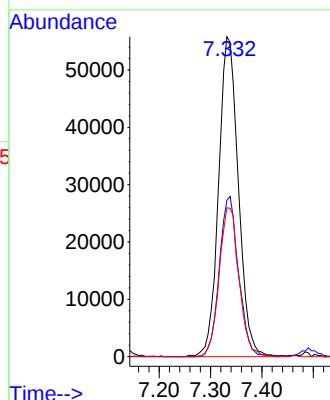
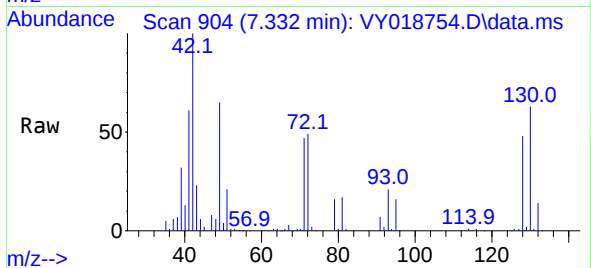




#29  
Tetrahydrofuran  
Concen: 783.395 ug/l  
RT: 7.332 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

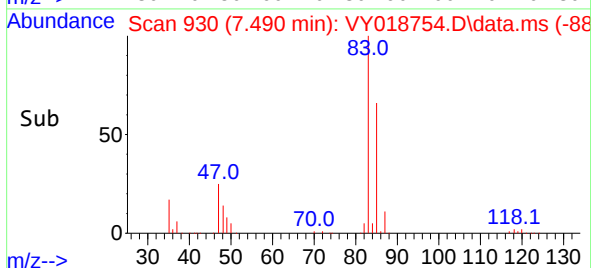
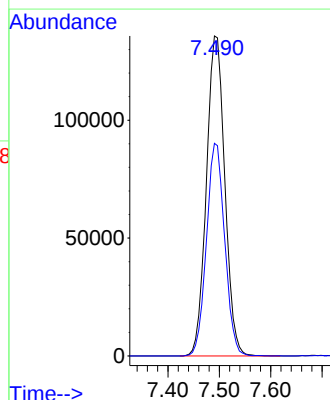
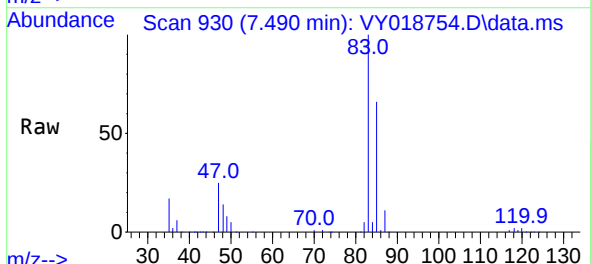
Instrument :  
MSVOA\_Y  
ClientSampleId :

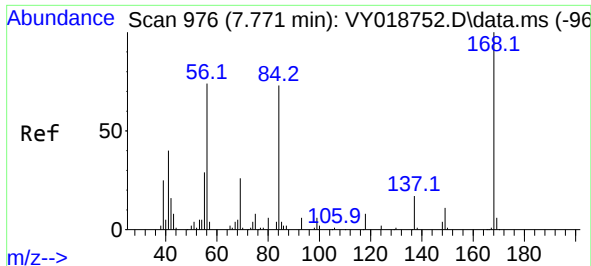
Tgt Ion: 42 Resp: 149023  
Ion Ratio Lower Upper  
42 100  
72 48.8 43.0 64.4  
71 46.6 40.8 61.2



#30  
Chloroform  
Concen: 149.506 ug/l  
RT: 7.490 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

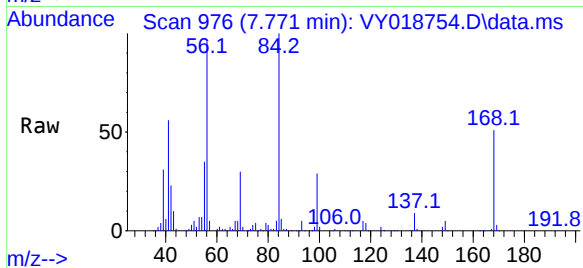
Tgt Ion: 83 Resp: 337970  
Ion Ratio Lower Upper  
83 100  
85 66.4 52.2 78.4



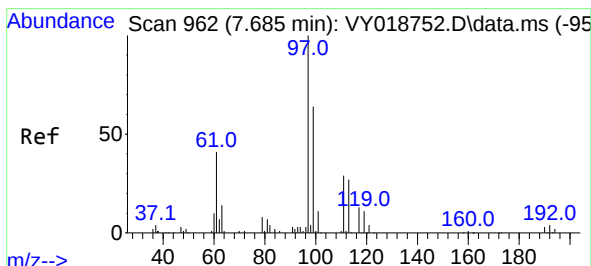
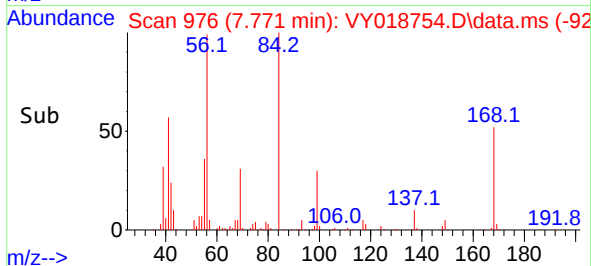
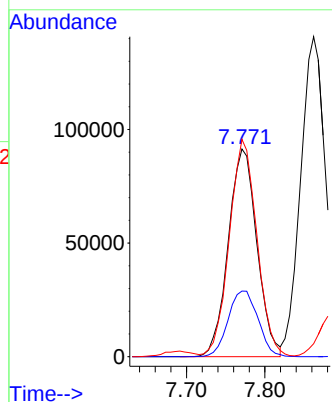


#31  
Cyclohexane  
Concen: 126.113 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

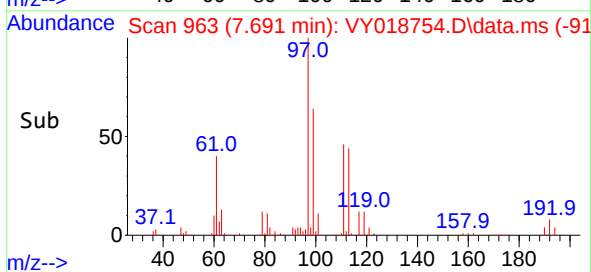
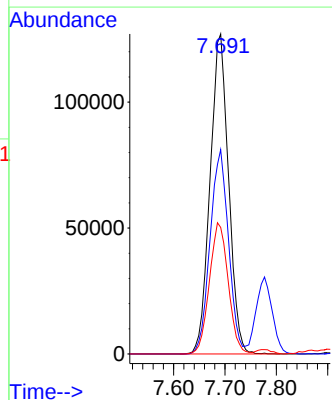
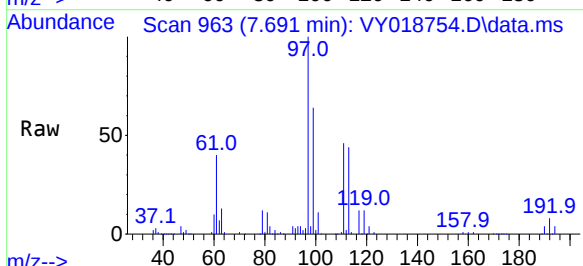


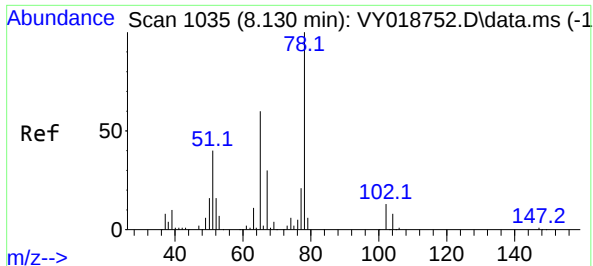
Tgt Ion: 56 Resp: 232637  
Ion Ratio Lower Upper  
56 100  
69 31.6 28.7 43.1  
84 101.9 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 150.770 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 97 Resp: 316935  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.3 75.5  
61 41.8 32.6 48.8

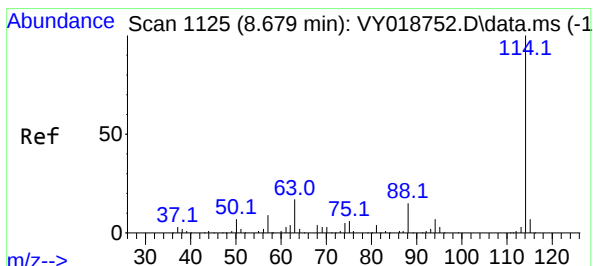
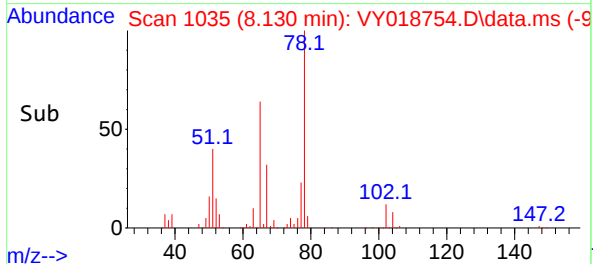
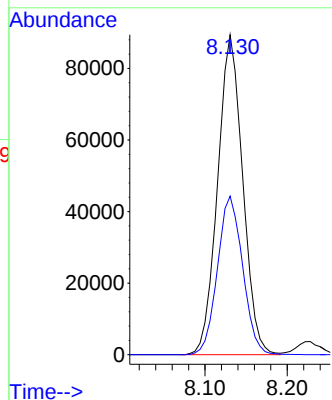
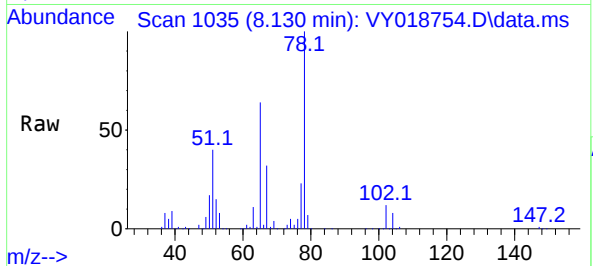




#33  
1,2-Dichloroethane-d4  
Concen: 157.965 ug/l  
RT: 8.130 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

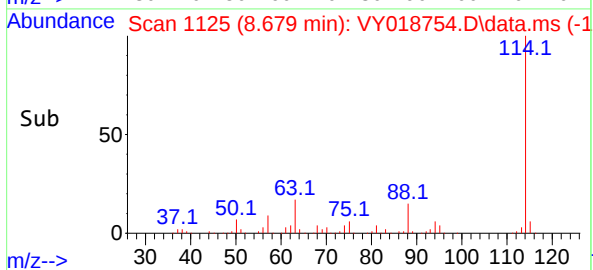
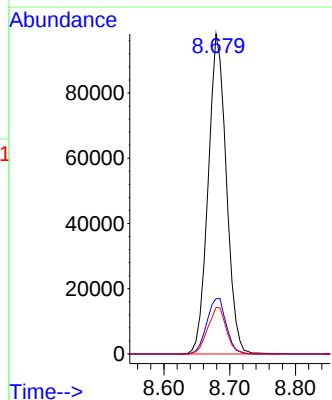
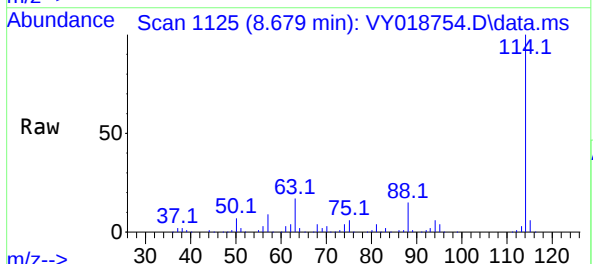
Instrument :  
MSVOA\_Y  
ClientSampleId :

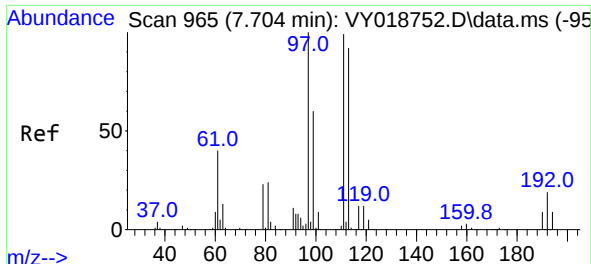
Tgt Ion: 65 Resp: 189669  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 109.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.679 min Scan# 1125  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

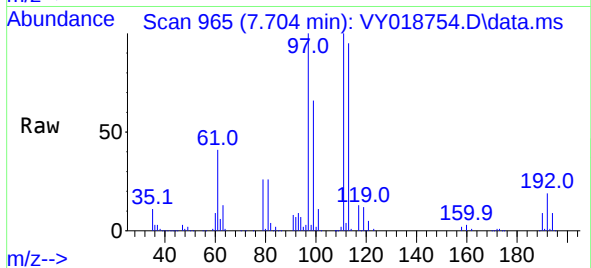
Tgt Ion:114 Resp: 188659  
Ion Ratio Lower Upper  
114 100  
63 17.3 0.0 35.0  
88 14.6 0.0 27.2



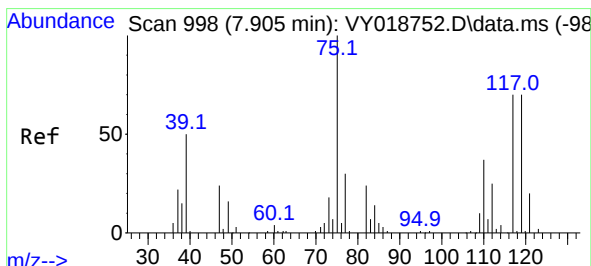
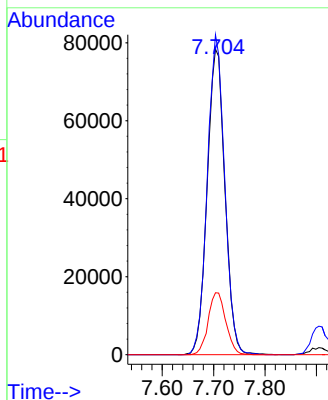
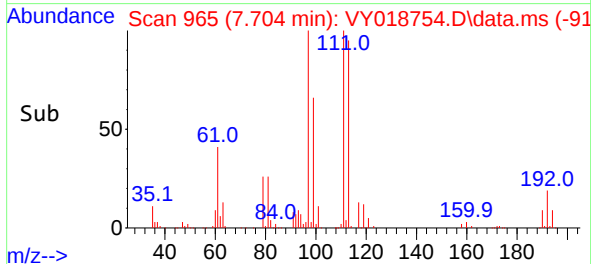


#35  
Dibromofluoromethane  
Concen: 159.272 ug/l  
RT: 7.704 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

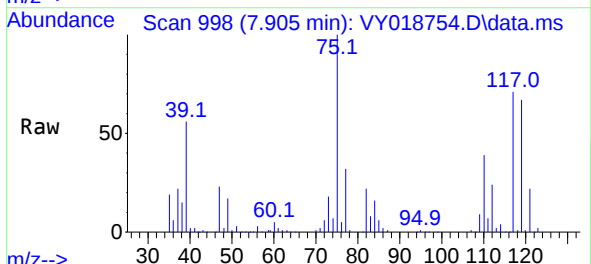
Instrument :  
MSVOA\_Y  
ClientSampleId :



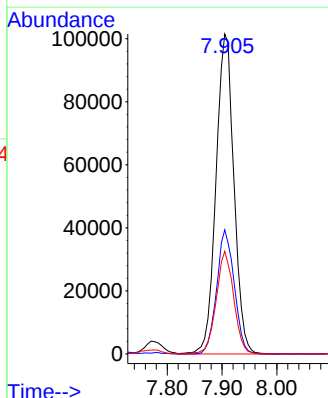
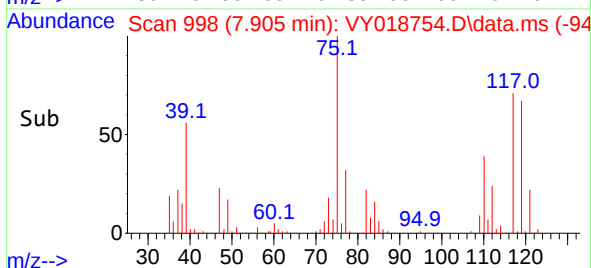
Tgt Ion:113 Resp: 188198  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.2 123.4  
192 20.1 15.9 23.9

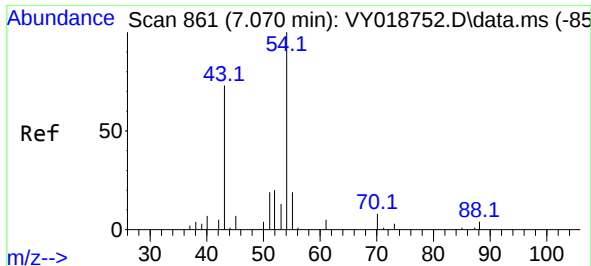


#36  
1,1-Dichloropropene  
Concen: 141.715 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13



Tgt Ion: 75 Resp: 231088  
Ion Ratio Lower Upper  
75 100  
110 37.8 19.0 57.0  
77 31.3 25.3 37.9



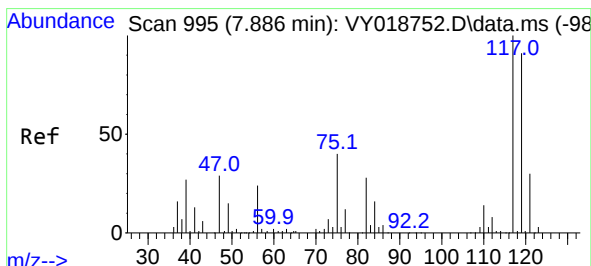
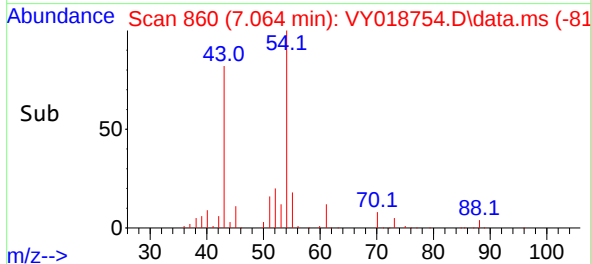
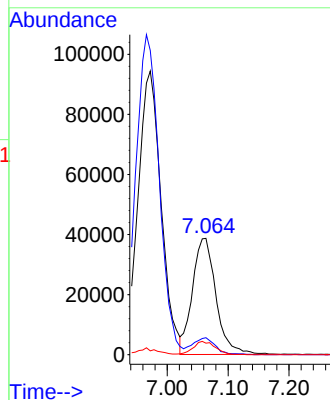
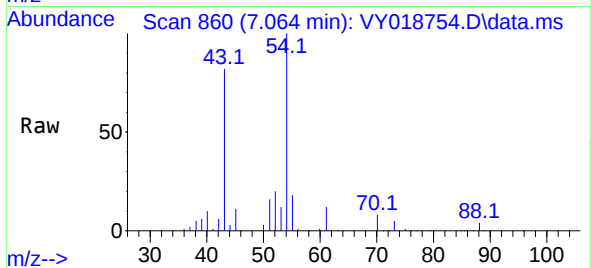


#37  
Ethyl Acetate  
Concen: 153.508 ug/l  
RT: 7.064 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 43 Resp: 104048

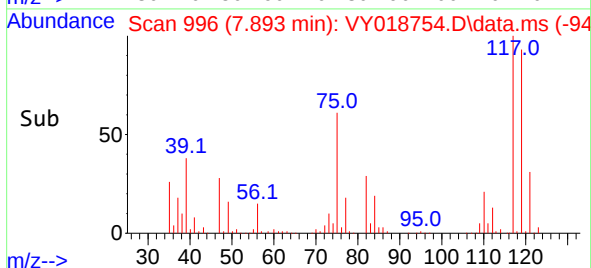
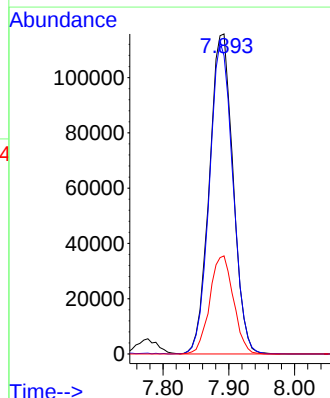
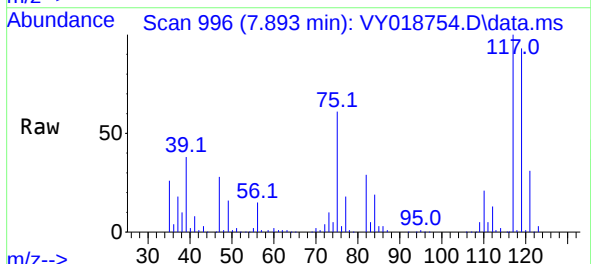
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.2  | 12.6  | 19.0  |
| 70  | 10.8  | 7.8   | 11.8  |

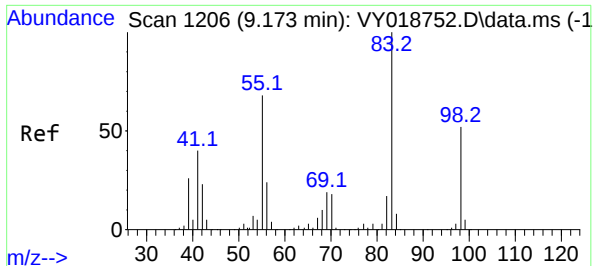


#38  
Carbon Tetrachloride  
Concen: 147.648 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 117 Resp: 289982

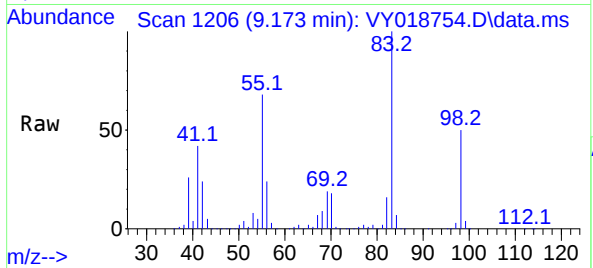
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.2  | 75.8  | 113.6 |
| 121 | 30.7  | 24.0  | 36.0  |



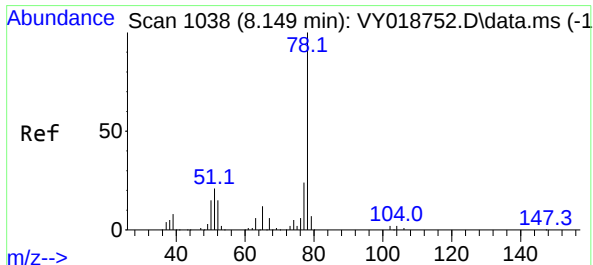
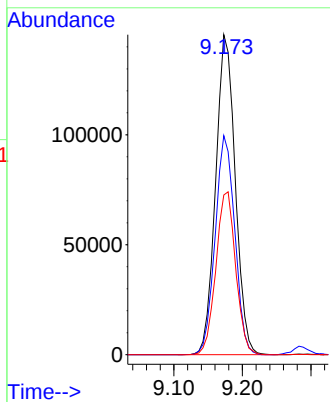
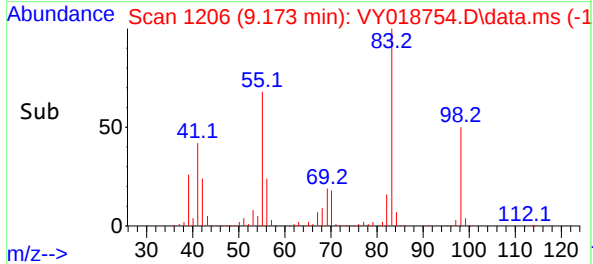


#39  
Methylcyclohexane  
Concen: 137.963 ug/l  
RT: 9.173 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

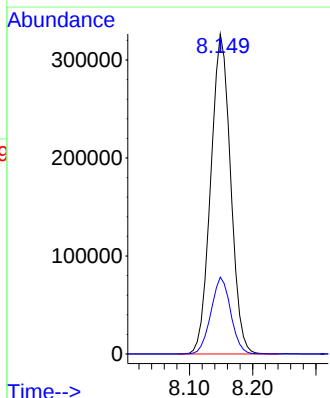
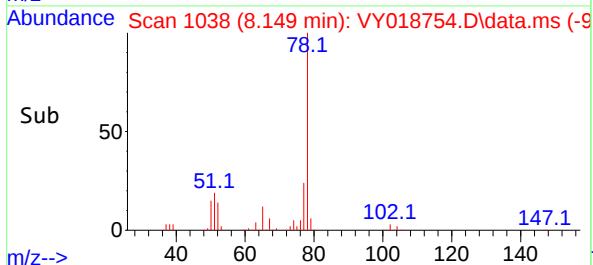
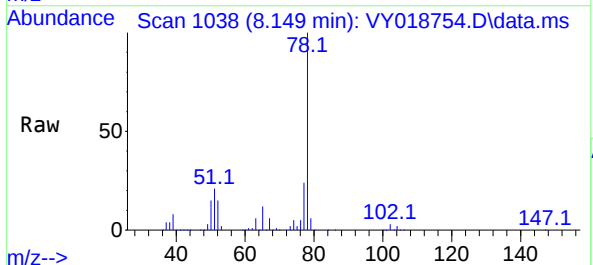


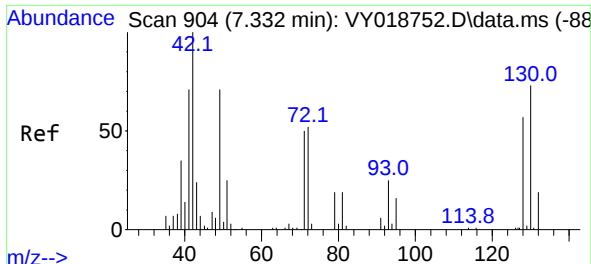
Tgt Ion: 83 Resp: 288302  
Ion Ratio Lower Upper  
83 100  
55 68.5 51.5 77.3  
98 49.9 40.5 60.7



#40  
Benzene  
Concen: 150.140 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

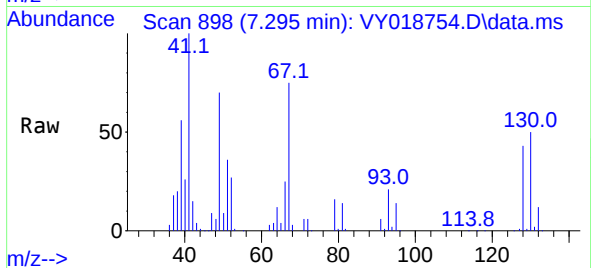
Tgt Ion: 78 Resp: 710221  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.5 29.3



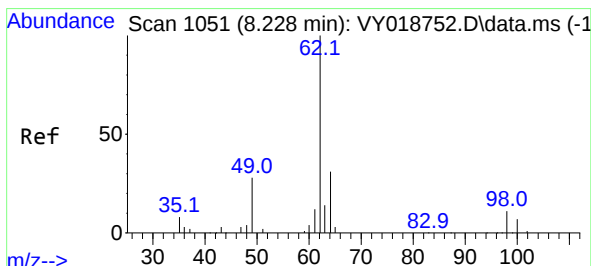
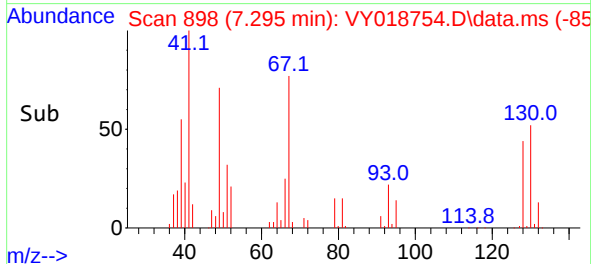
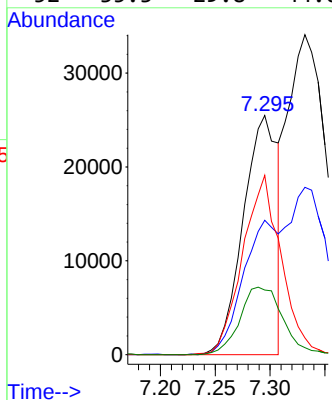


#41  
Methacrylonitrile  
Concen: 151.229 ug/l  
RT: 7.295 min Scan# 898  
Delta R.T. -0.037 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

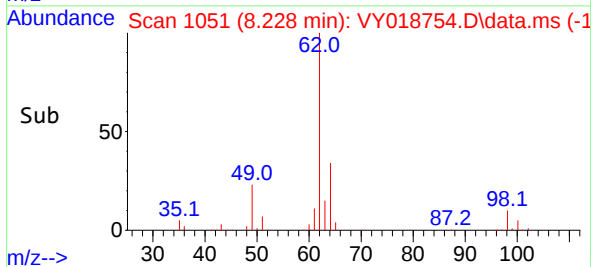
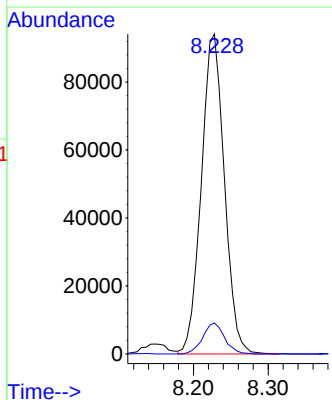
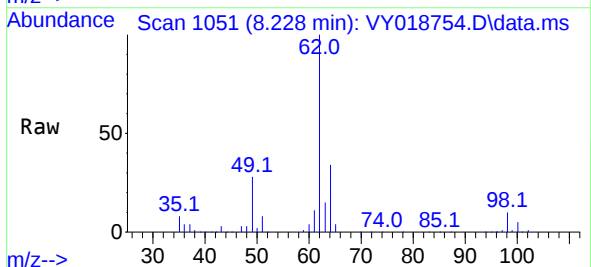


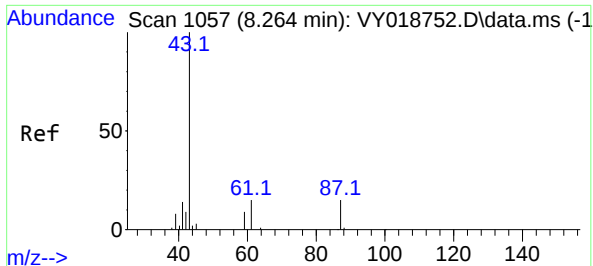
Tgt Ion: 41 Resp: 55801  
Ion Ratio Lower Upper  
41 100  
39 57.4 48.0 72.0  
67 83.7 75.1 112.7  
52 35.3 29.8 44.6



#42  
1,2-Dichloroethane  
Concen: 152.346 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

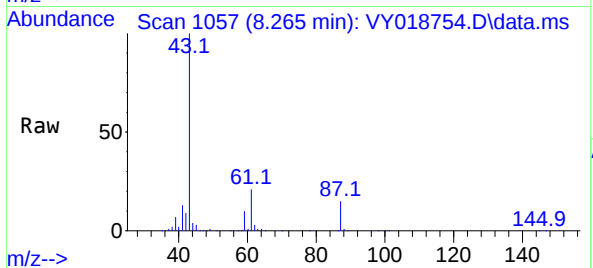
Tgt Ion: 62 Resp: 201770  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 22.0



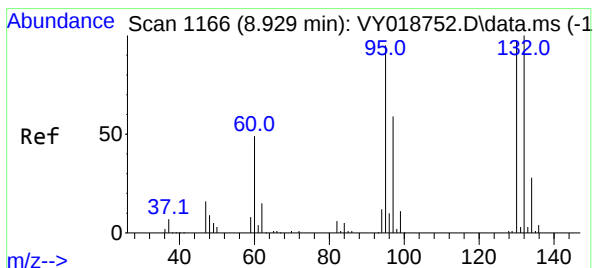
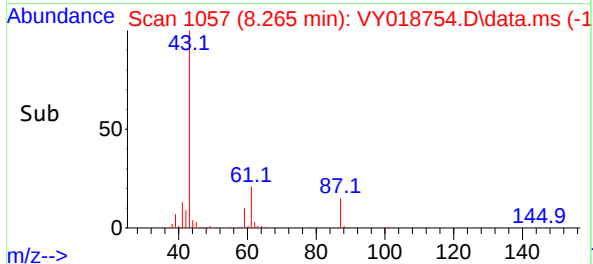
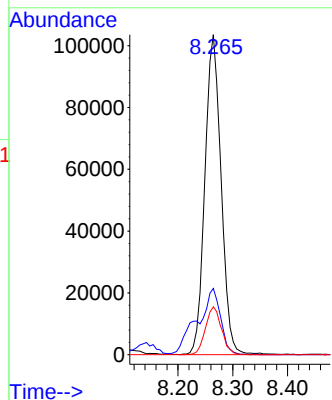


#43  
Isopropyl Acetate  
Concen: 157.486 ug/l  
RT: 8.265 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

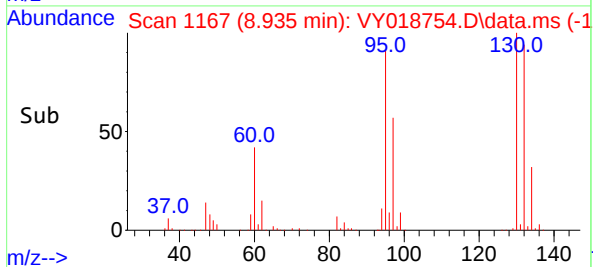
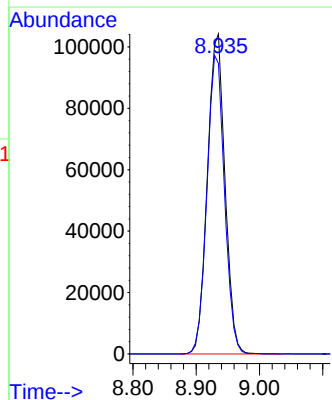
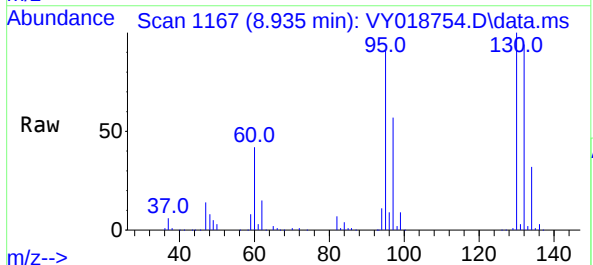


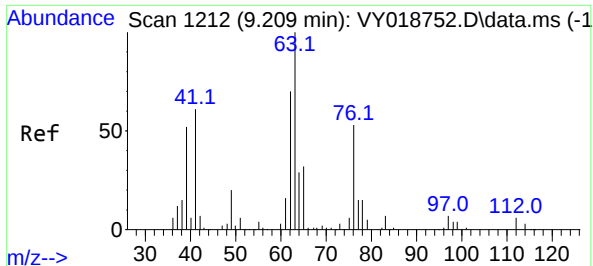
Tgt Ion: 43 Resp: 212401  
Ion Ratio Lower Upper  
43 100  
61 29.8 27.9 41.9  
87 14.7 13.1 19.7



#44  
Trichloroethene  
Concen: 149.062 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:130 Resp: 201557  
Ion Ratio Lower Upper  
130 100  
95 90.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 149.885 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

Instrument :

MSVOA\_Y

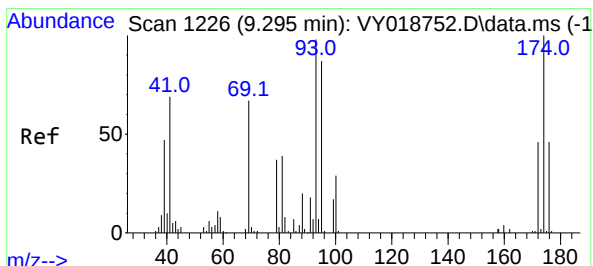
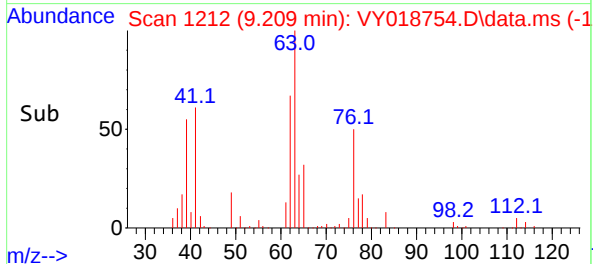
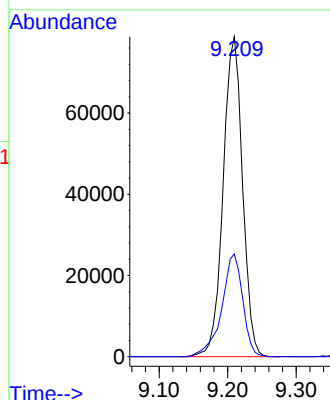
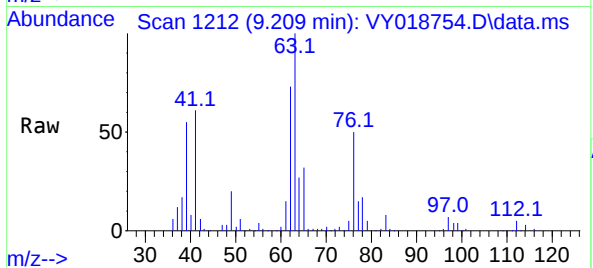
ClientSampleId :

Tgt Ion: 63 Resp: 154395

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2



#46

Dibromomethane

Concen: 152.883 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

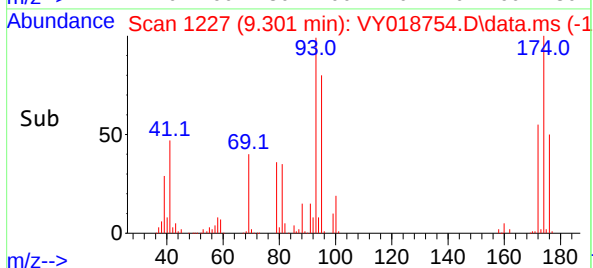
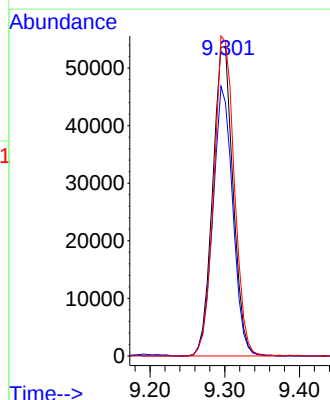
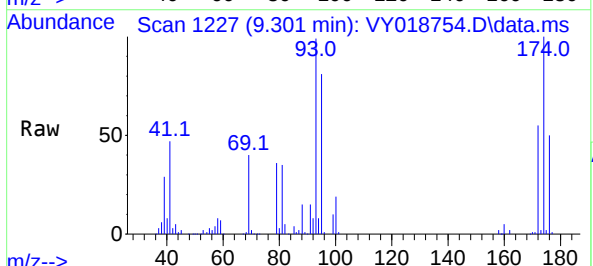
Tgt Ion: 93 Resp: 102079

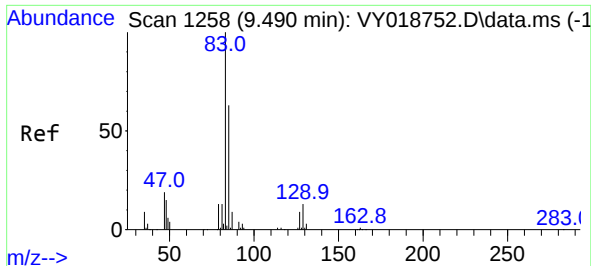
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.4

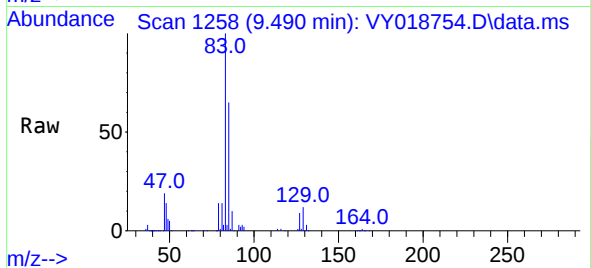
174 103.9 80.9 121.3



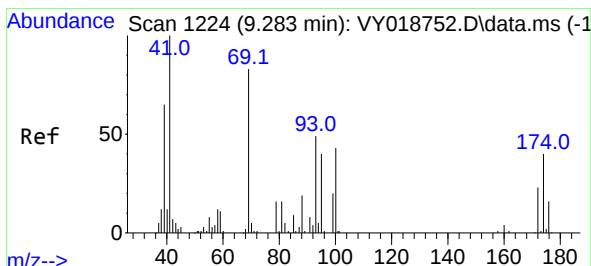
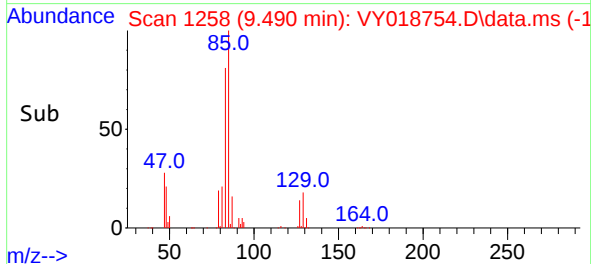
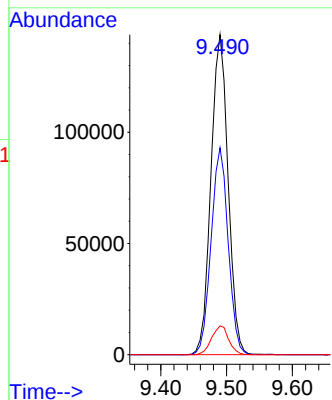


#47  
Bromodichloromethane  
Concen: 156.493 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

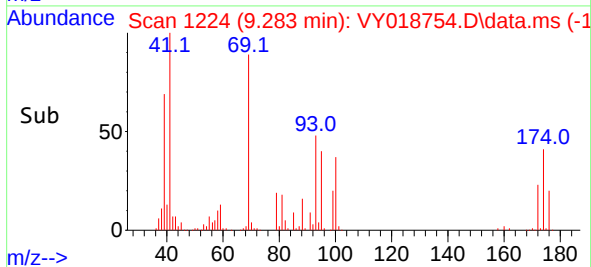
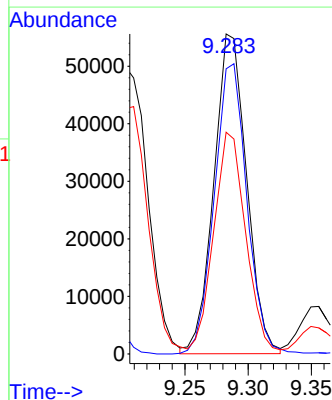
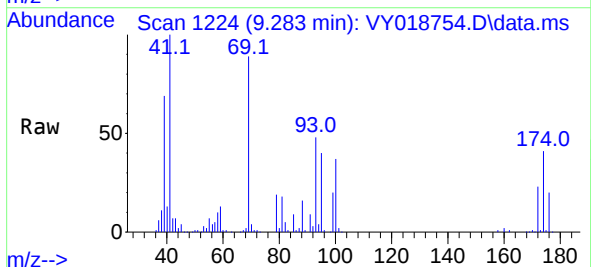


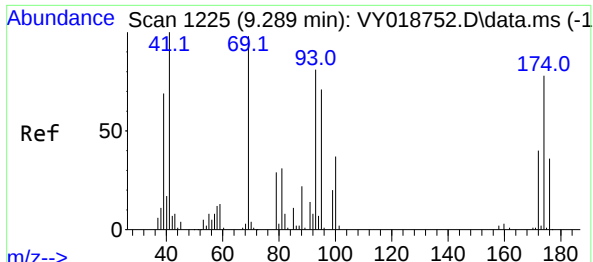
Tgt Ion: 83 Resp: 261033  
Ion Ratio Lower Upper  
83 100  
85 64.6 50.1 75.1  
127 9.0 7.4 11.0



#48  
Methyl methacrylate  
Concen: 163.175 ug/l  
RT: 9.283 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

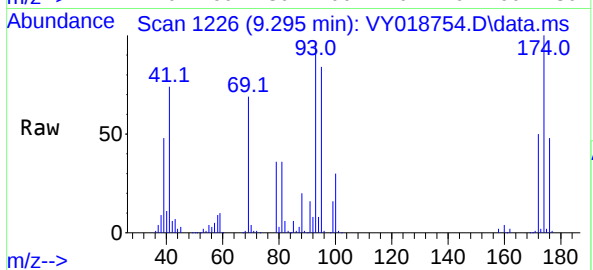
Tgt Ion: 41 Resp: 100031  
Ion Ratio Lower Upper  
41 100  
69 90.5 84.1 126.1  
39 68.0 43.6 65.4#



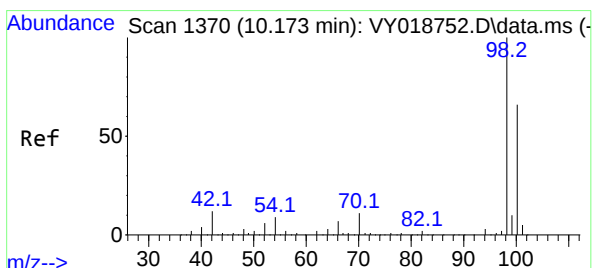
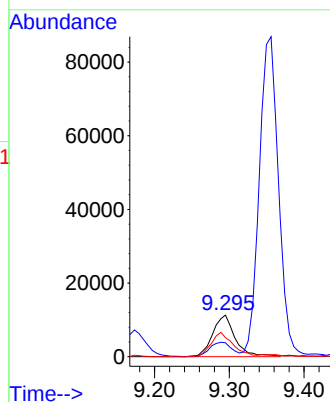
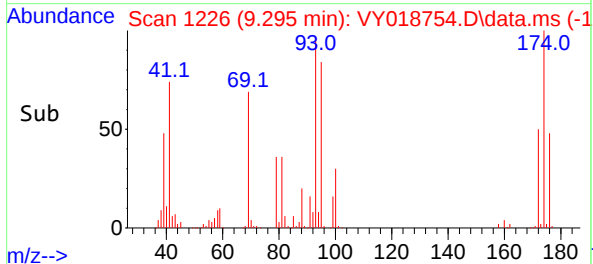


#49  
1,4-Dioxane  
Concen: 3012.309 ug/l  
RT: 9.295 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

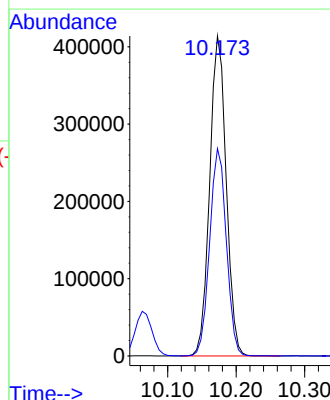
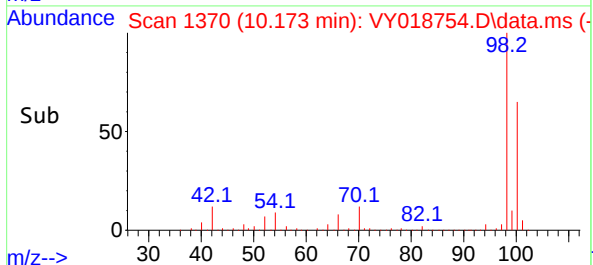
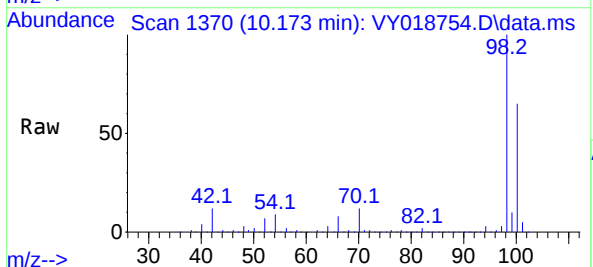


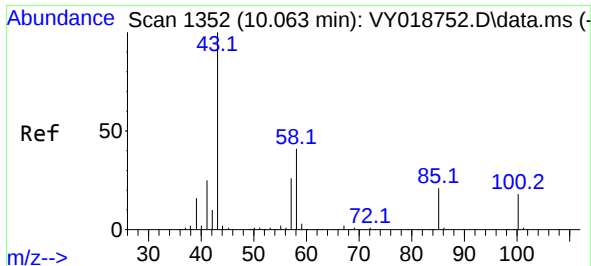
Tgt Ion: 88 Resp: 23577  
Ion Ratio Lower Upper  
88 100  
43 34.5 0.0 0.0#  
58 57.1 49.3 73.9



#50  
Toluene-d8  
Concen: 154.866 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 98 Resp: 693281  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.0 78.0

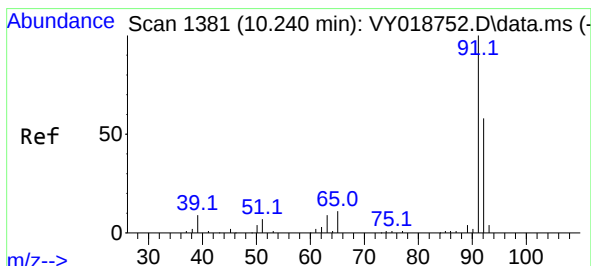
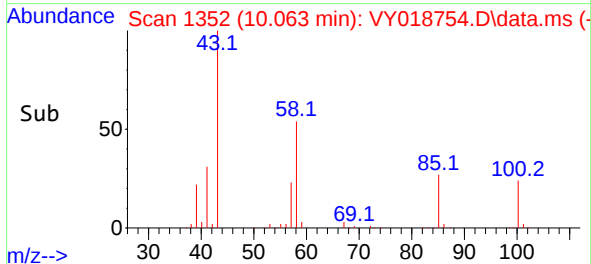
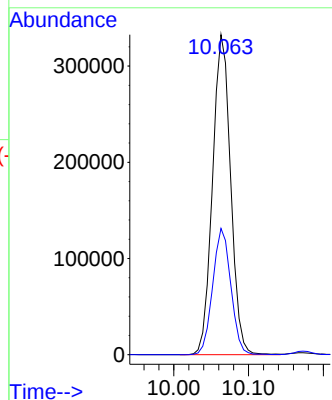
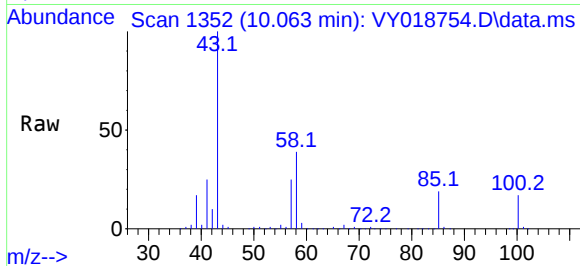




#51  
4-Methyl-2-Pentanone  
Concen: 812.996 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

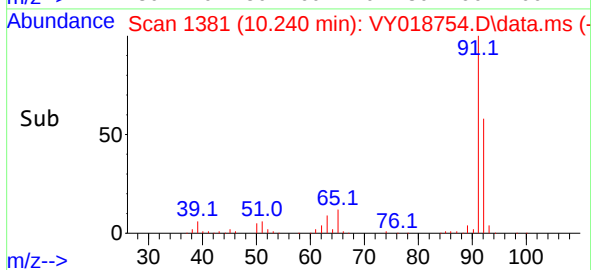
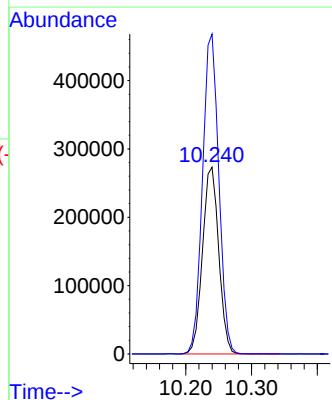
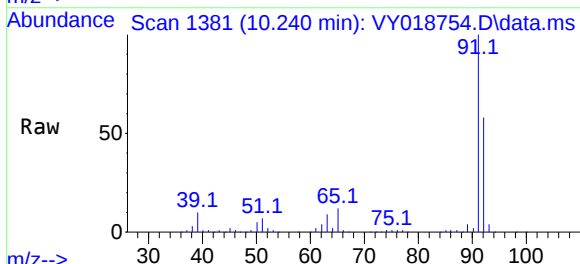
Instrument :  
MSVOA\_Y  
ClientSampleId :

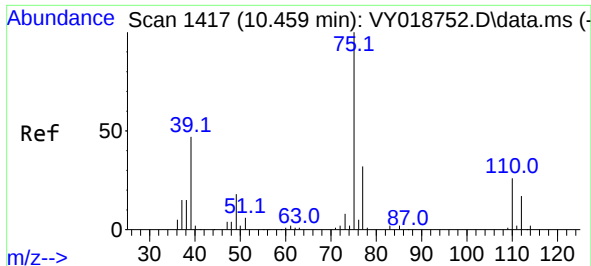
Tgt Ion: 43 Resp: 559822  
Ion Ratio Lower Upper  
43 100  
58 39.5 35.7 53.5



#52  
Toluene  
Concen: 149.180 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 92 Resp: 469035  
Ion Ratio Lower Upper  
92 100  
91 171.8 139.0 208.6

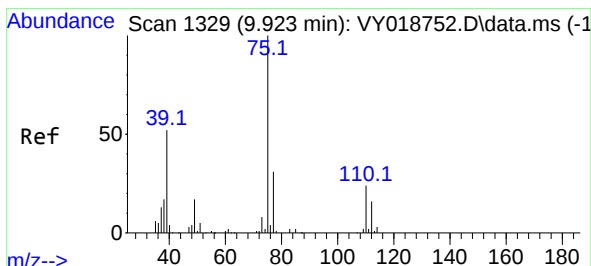
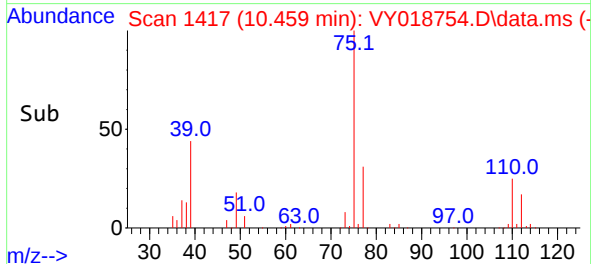
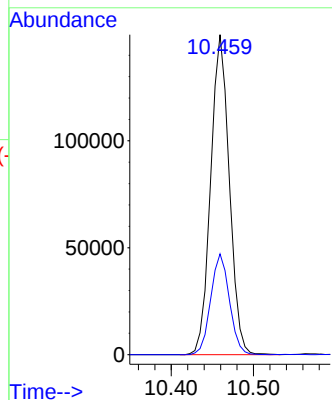
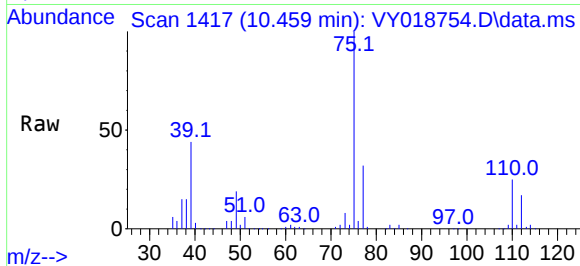




#53  
t-1,3-Dichloropropene  
Concen: 163.638 ug/l  
RT: 10.459 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

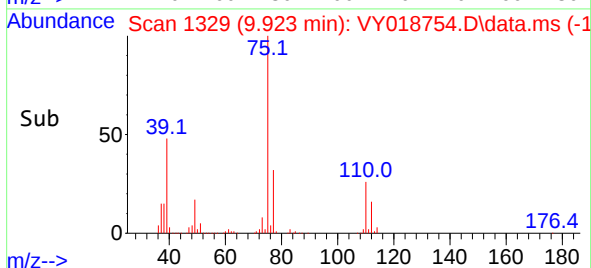
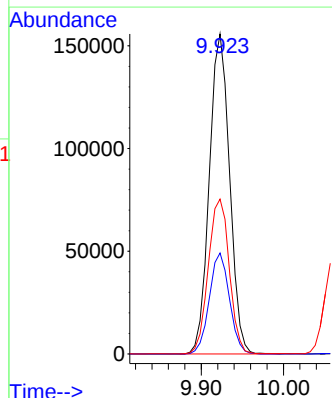
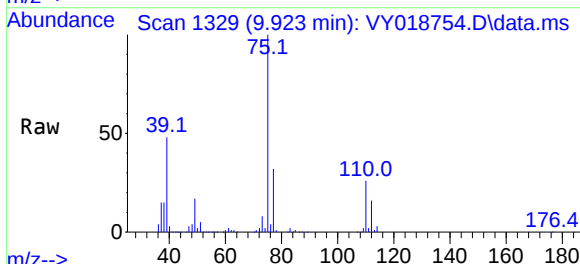
Instrument :  
MSVOA\_Y  
ClientSampleId :

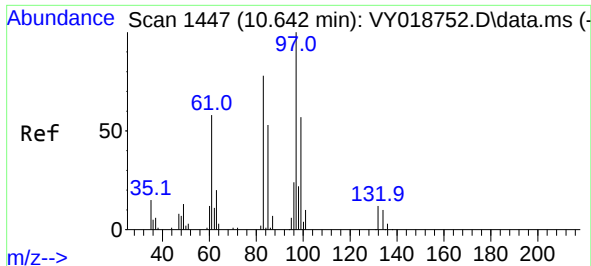
Tgt Ion: 75 Resp: 235668  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 158.155 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

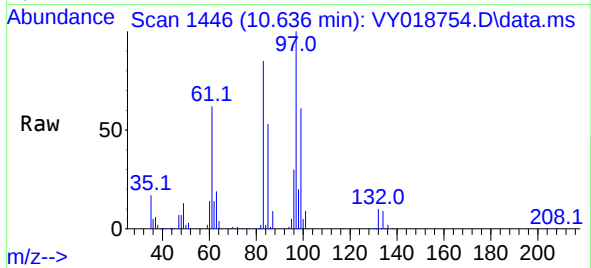
Tgt Ion: 75 Resp: 267211  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.4 38.0  
39 48.4 29.8 44.6#





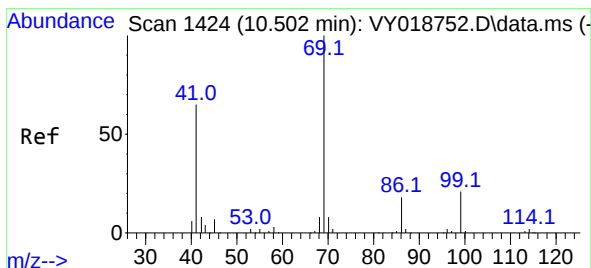
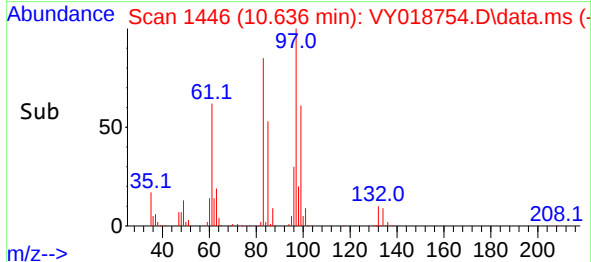
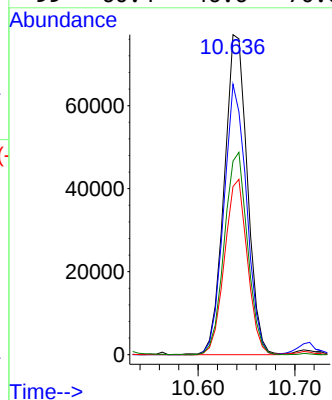
#55  
1,1,2-Trichloroethane  
Concen: 151.836 ug/l  
RT: 10.636 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 128379

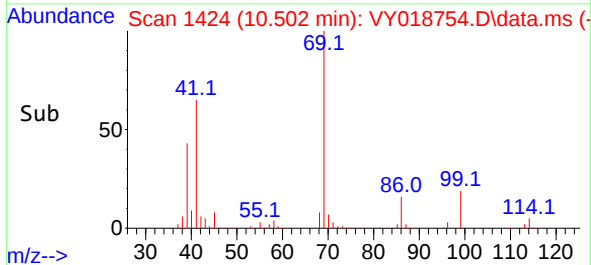
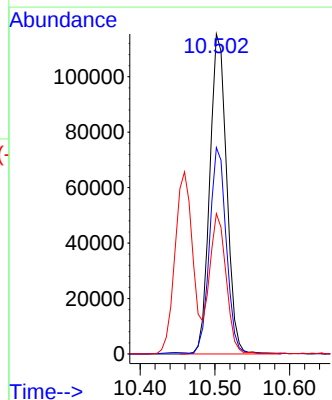
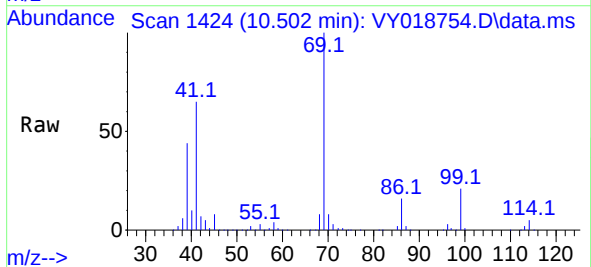
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.5  | 67.5  | 101.3 |
| 85  | 52.6  | 42.9  | 64.3  |
| 99  | 60.4  | 46.6  | 70.0  |

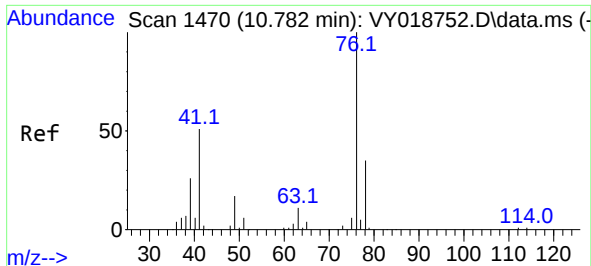


#56  
Ethyl methacrylate  
Concen: 162.947 ug/l  
RT: 10.502 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 69 Resp: 181387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.5  | 42.3  | 63.5# |
| 39  | 41.8  | 22.9  | 34.3# |

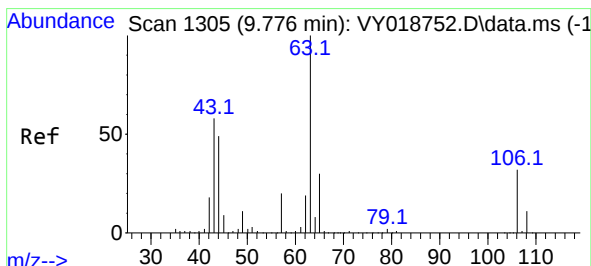
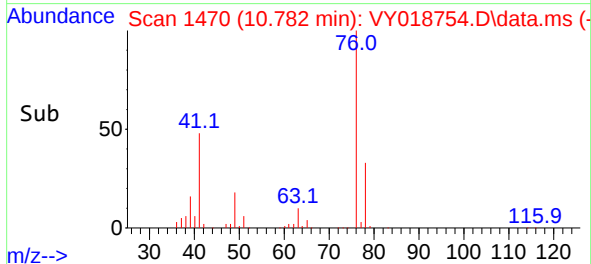
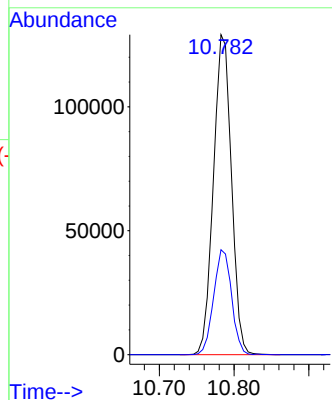
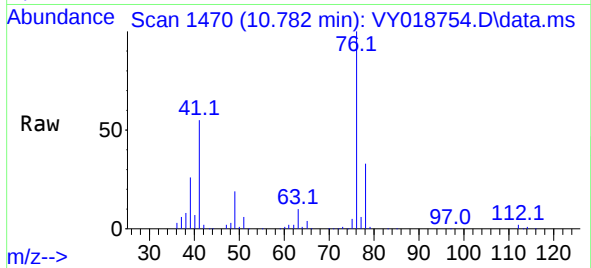




#57  
1,3-Dichloropropane  
Concen: 154.060 ug/l  
RT: 10.782 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

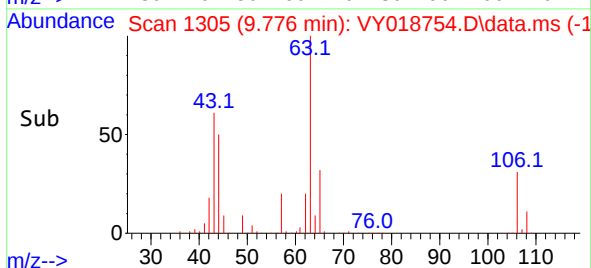
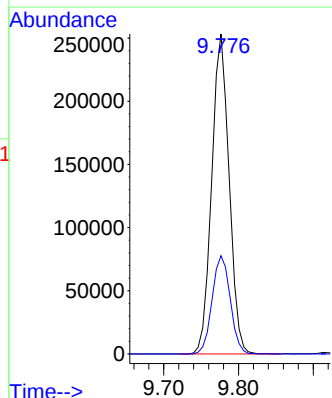
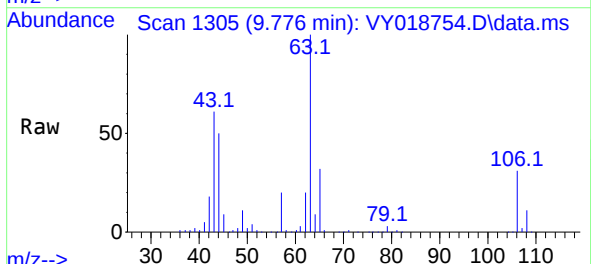
Instrument :  
MSVOA\_Y  
ClientSampleId :

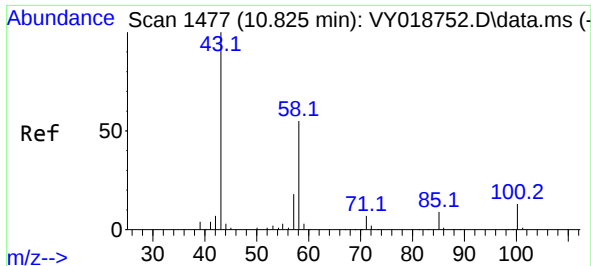
Tgt Ion: 76 Resp: 215932  
Ion Ratio Lower Upper  
76 100  
78 32.7 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 767.967 ug/l  
RT: 9.776 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 63 Resp: 408420  
Ion Ratio Lower Upper  
63 100  
106 31.9 23.7 35.5

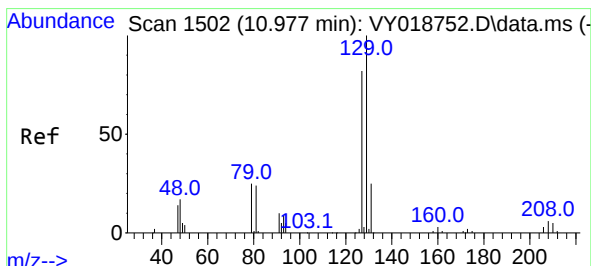
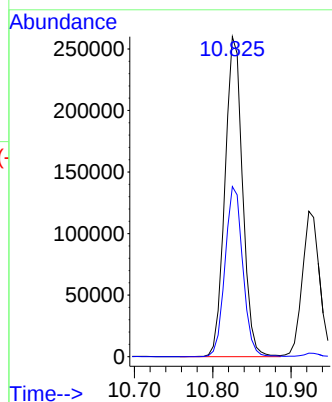
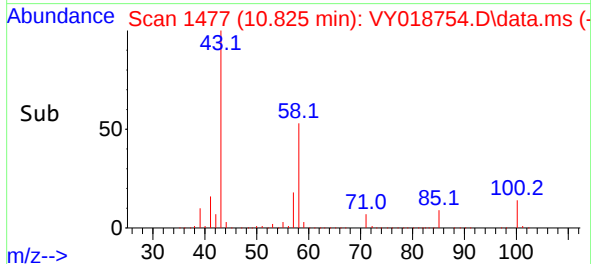
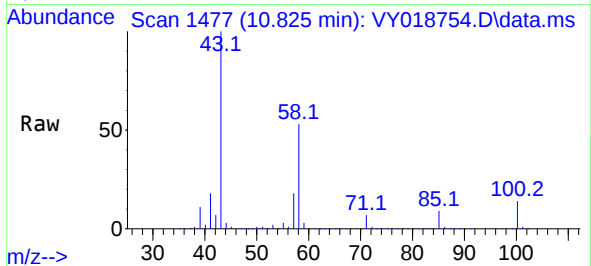




#59  
2-Hexanone  
Concen: 844.680 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

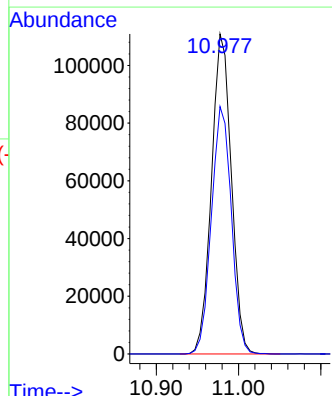
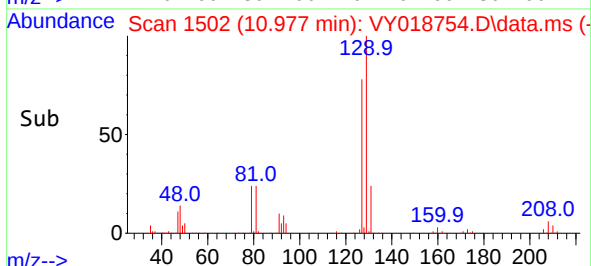
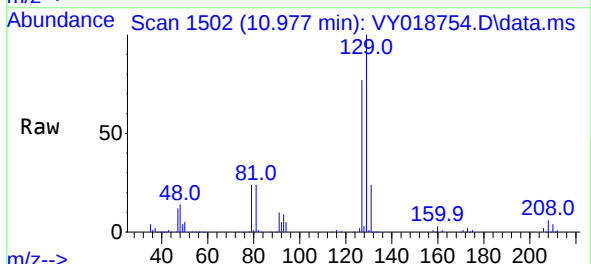
Instrument :  
MSVOA\_Y  
ClientSampleId :

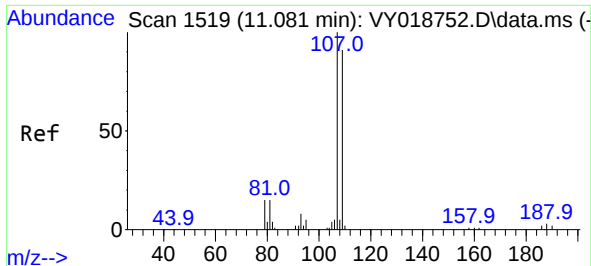
Tgt Ion: 43 Resp: 406913  
Ion Ratio Lower Upper  
43 100  
58 53.4 31.4 94.0



#60  
Dibromochloromethane  
Concen: 159.907 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 129 Resp: 185769  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.0 117.0

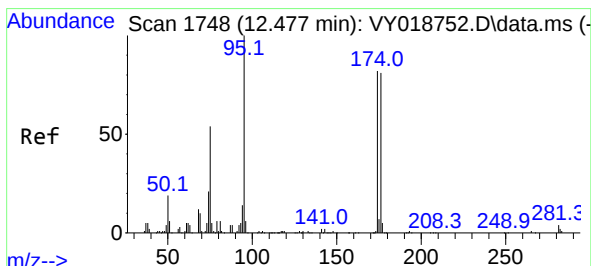
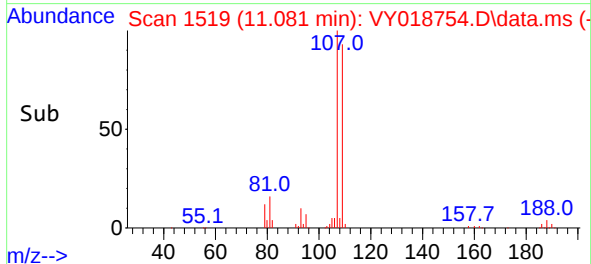
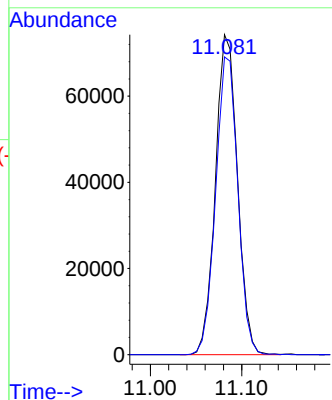
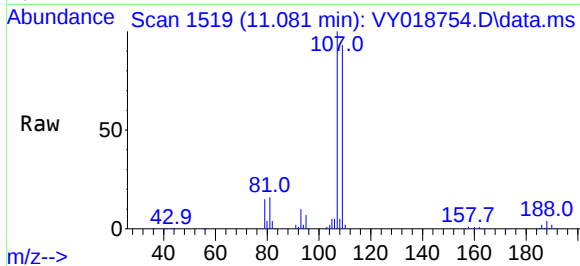




#61  
1,2-Dibromoethane  
Concen: 151.347 ug/l  
RT: 11.081 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

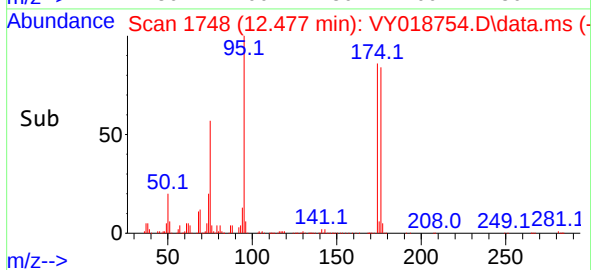
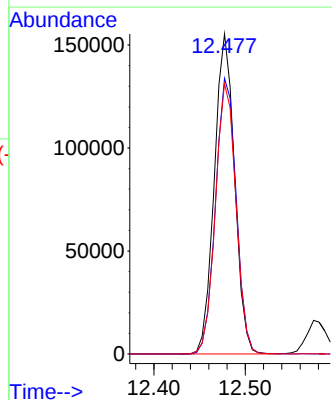
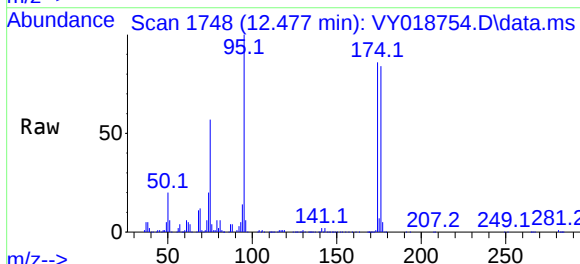
Instrument :  
MSVOA\_Y  
ClientSampleId :

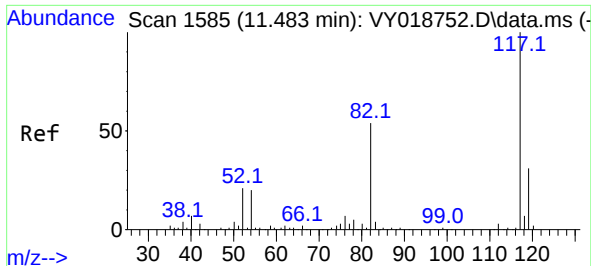
Tgt Ion:107 Resp: 124406  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 156.370 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 95 Resp: 239057  
Ion Ratio Lower Upper  
95 100  
174 87.8 0.0 175.6  
176 85.7 0.0 171.4

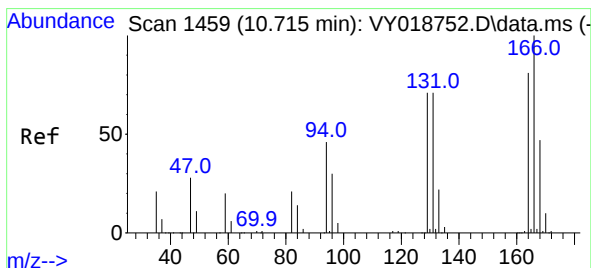
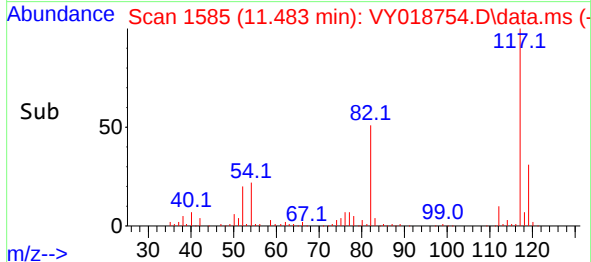
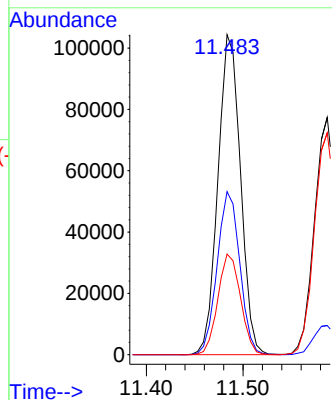
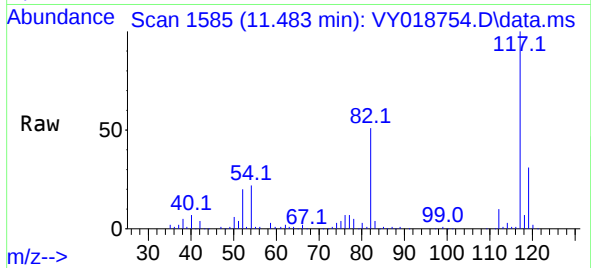




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

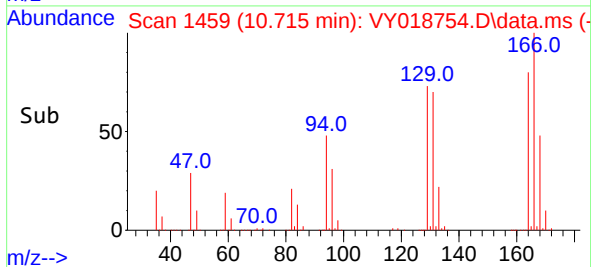
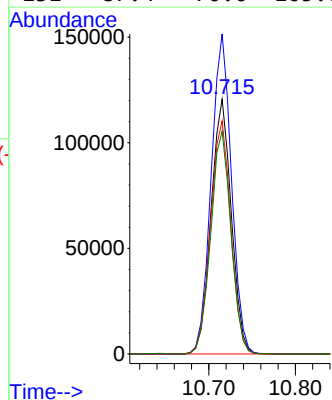
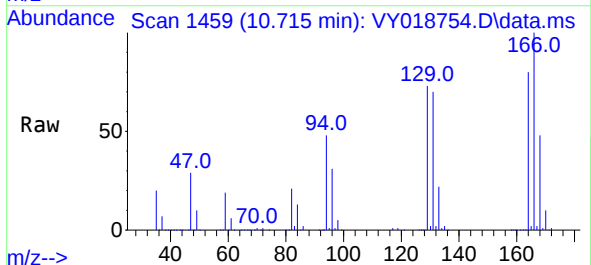
Instrument :  
MSVOA\_Y  
ClientSampleId :

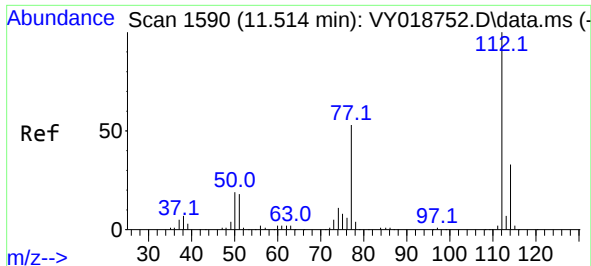
Tgt Ion:117 Resp: 168902  
Ion Ratio Lower Upper  
117 100  
82 50.9 42.4 63.6  
119 31.4 25.9 38.9



#64  
Tetrachloroethene  
Concen: 143.505 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:164 Resp: 196191  
Ion Ratio Lower Upper  
164 100  
166 125.6 102.6 154.0  
129 91.5 72.0 108.0  
131 87.4 70.0 105.0

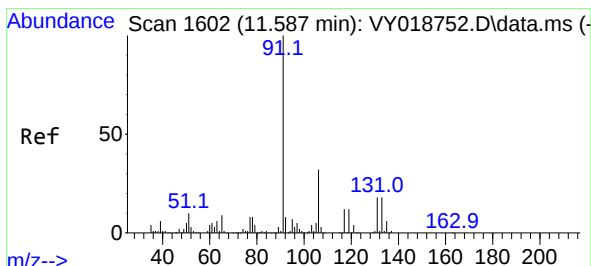
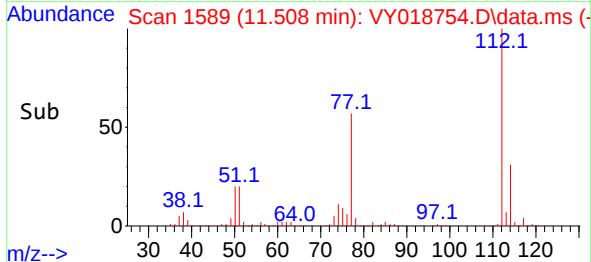
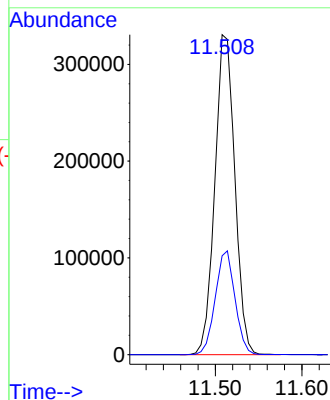
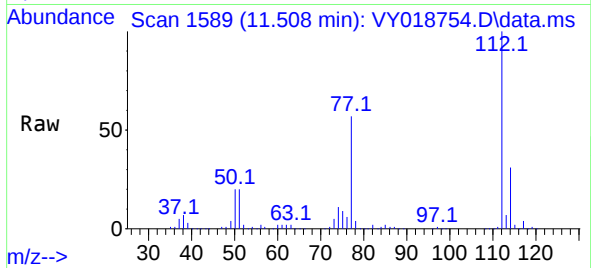




#65  
Chlorobenzene  
Concen: 148.736 ug/l  
RT: 11.508 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

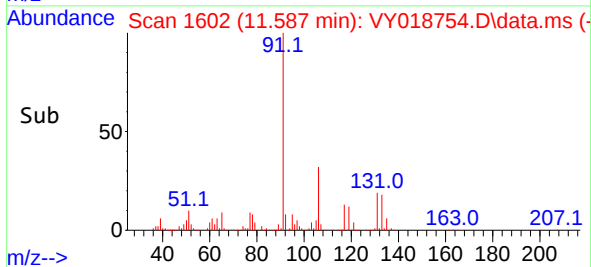
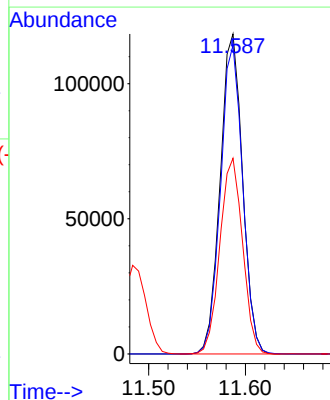
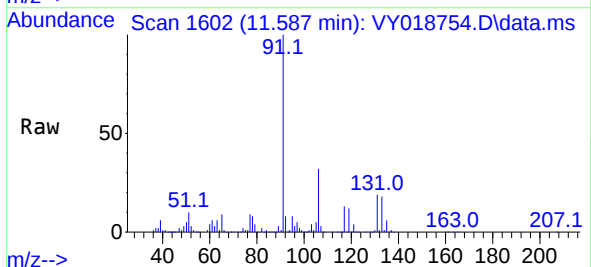
Instrument :  
MSVOA\_Y  
ClientSampleId :

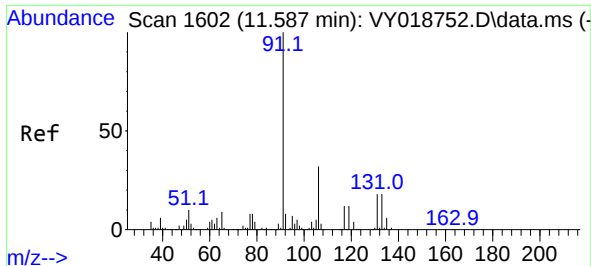
Tgt Ion:112 Resp: 529948  
Ion Ratio Lower Upper  
112 100  
114 30.9 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 154.521 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:131 Resp: 189690  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.8 143.3  
119 62.1 34.1 102.2

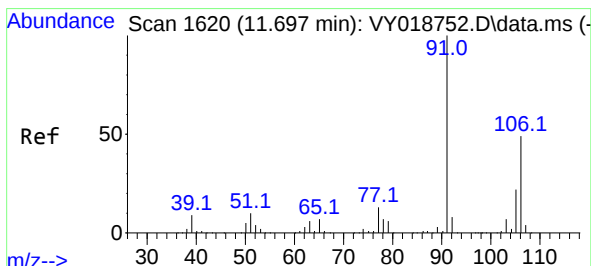
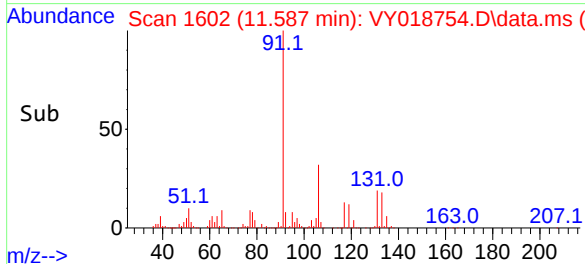
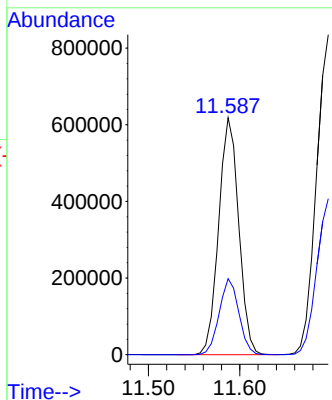
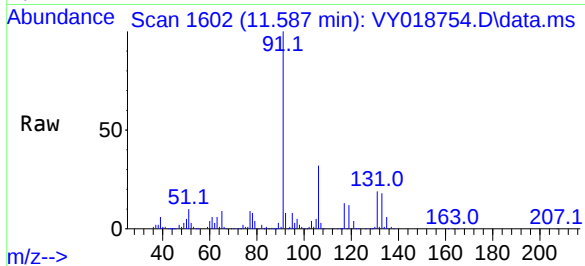




#67  
Ethyl Benzene  
Concen: 151.009 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

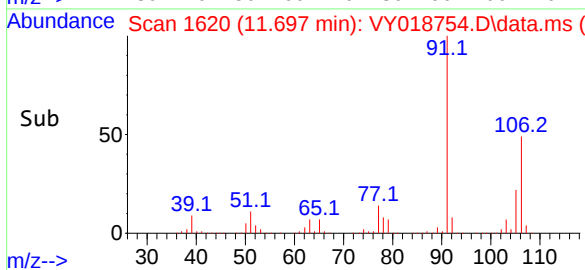
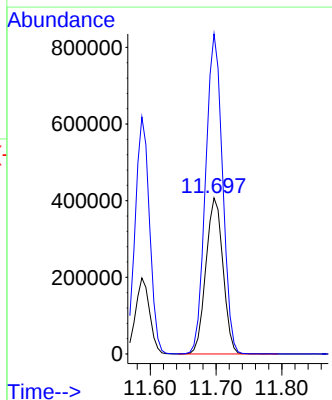
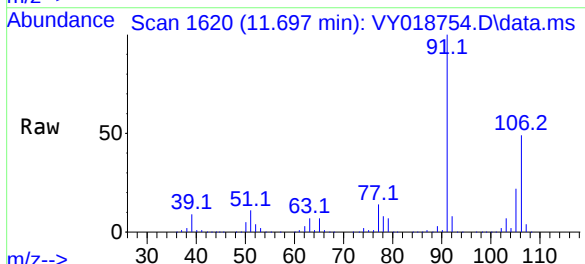
Instrument :  
MSVOA\_Y  
ClientSampleId :

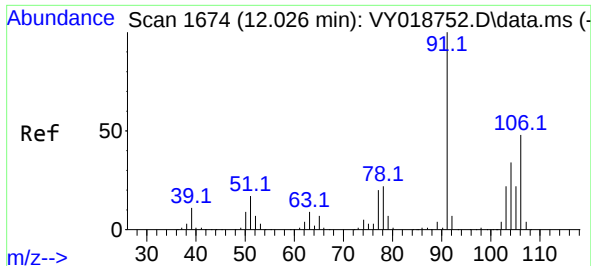
Tgt Ion: 91 Resp: 942562  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.5 36.7



#68  
m/p-Xylenes  
Concen: 300.462 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:106 Resp: 735946  
Ion Ratio Lower Upper  
106 100  
91 202.6 156.0 234.0

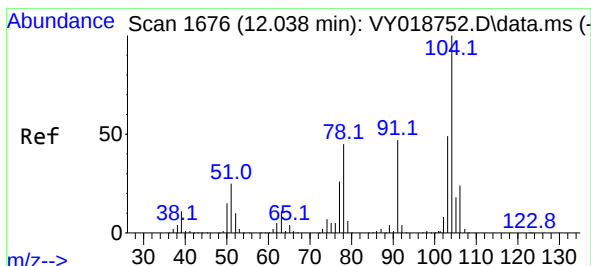
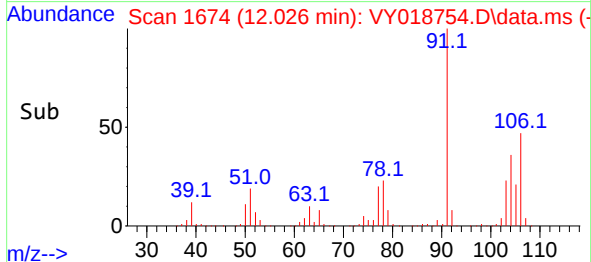
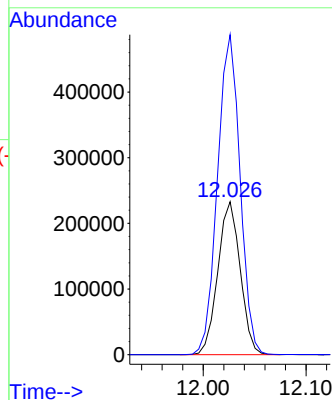
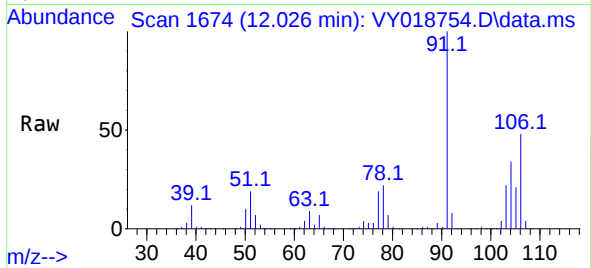




#69  
o-Xylene  
Concen: 152.862 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

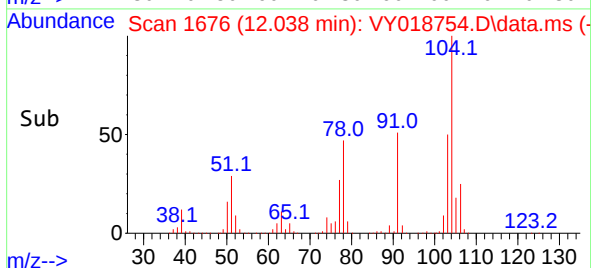
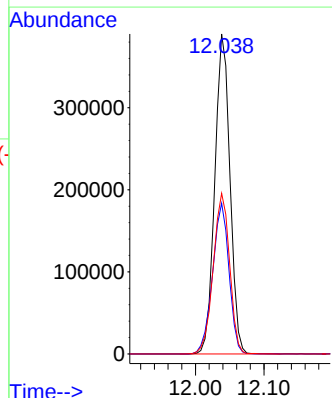
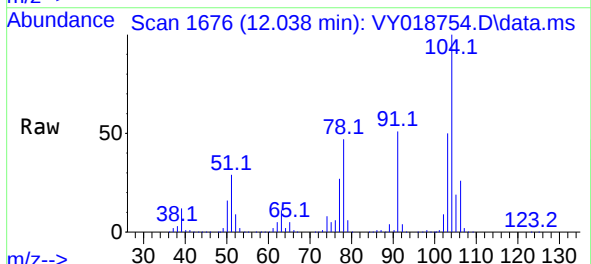
Instrument :  
MSVOA\_Y  
ClientSampleId :

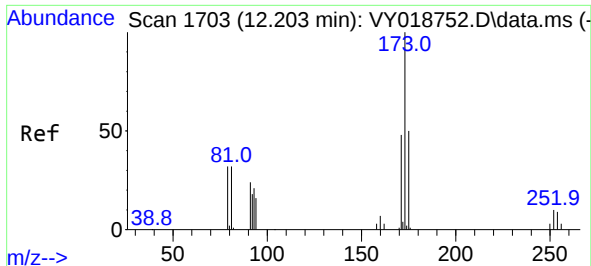
Tgt Ion:106 Resp: 352008  
Ion Ratio Lower Upper  
106 100  
91 211.0 103.6 310.8



#70  
Styrene  
Concen: 155.463 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:104 Resp: 597337  
Ion Ratio Lower Upper  
104 100  
78 51.0 37.0 55.4  
103 54.4 44.2 66.2

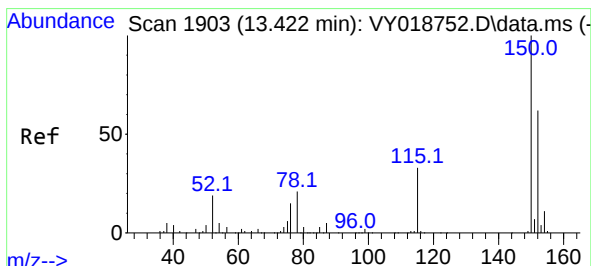
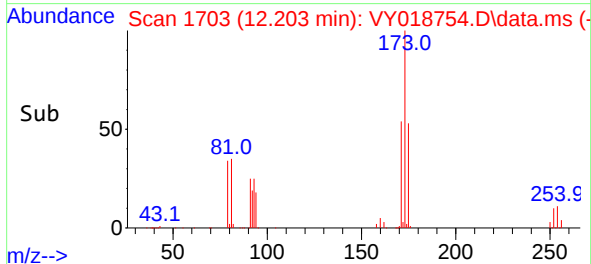
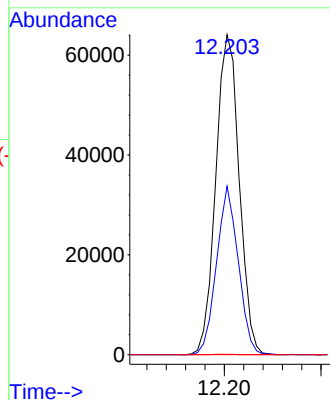
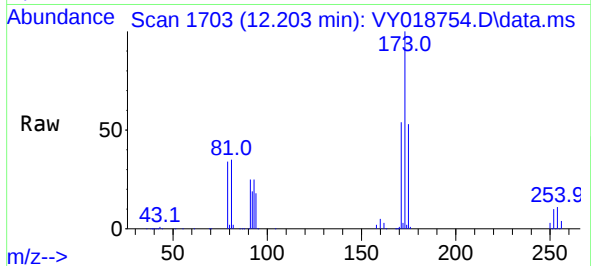




#71  
Bromoform  
Concen: 161.006 ug/l  
RT: 12.203 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

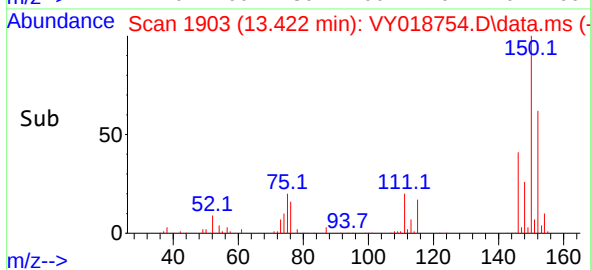
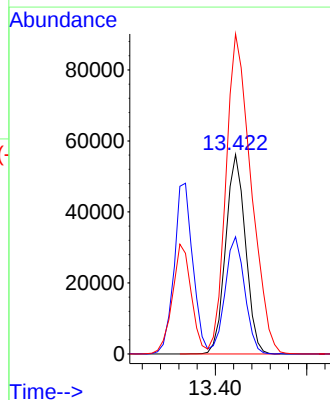
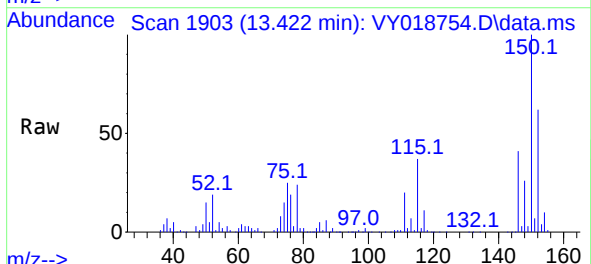
Instrument :  
MSVOA\_Y  
ClientSampleId :

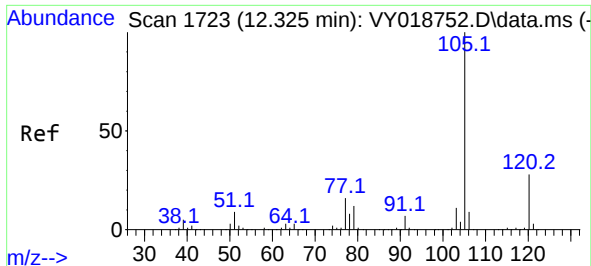
Tgt Ion:173 Resp: 107735  
Ion Ratio Lower Upper  
173 100  
175 48.7 25.1 75.3  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:152 Resp: 84702  
Ion Ratio Lower Upper  
152 100  
115 58.2 28.2 84.7  
150 203.4 0.0 345.6

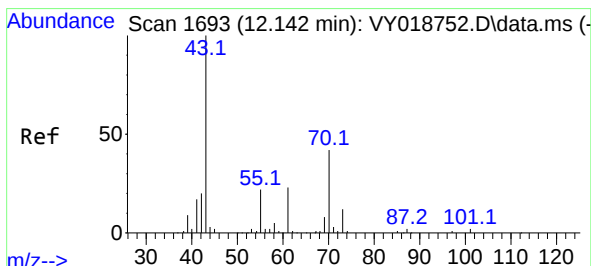
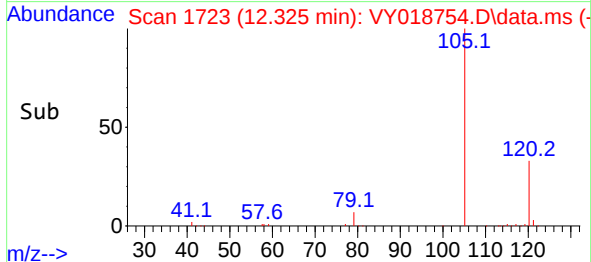
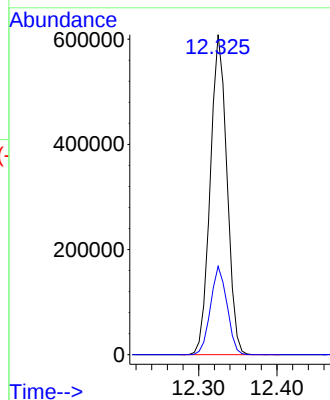
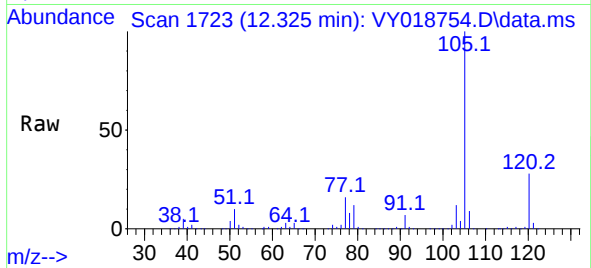




#73  
Isopropylbenzene  
Concen: 145.275 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

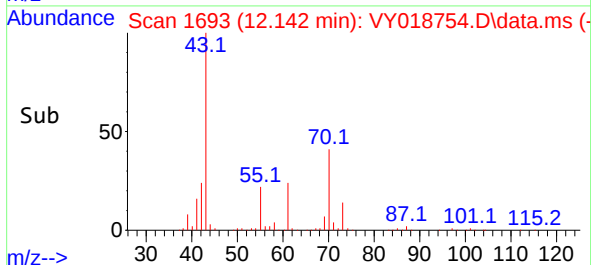
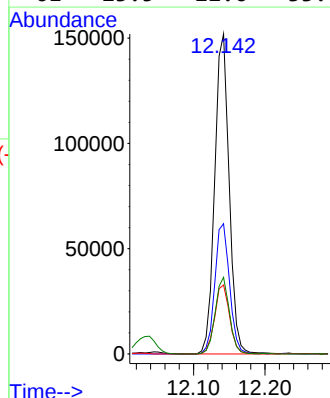
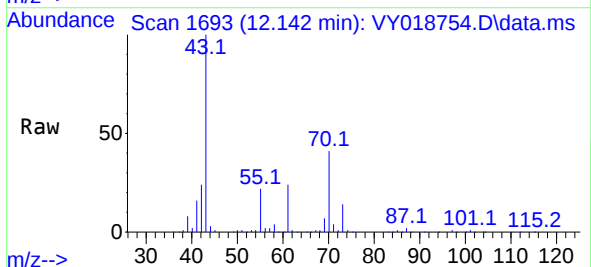
Instrument :  
MSVOA\_Y  
ClientSampleId :

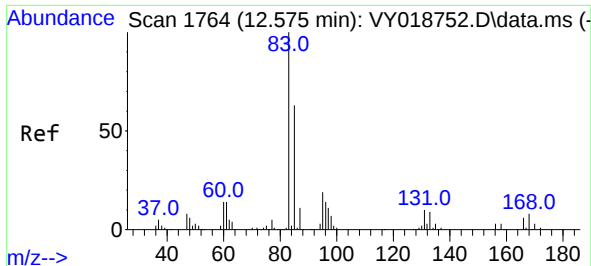
Tgt Ion:105 Resp: 900565  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 168.277 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 43 Resp: 213335  
Ion Ratio Lower Upper  
43 100  
70 41.7 41.4 62.2  
55 22.4 23.3 34.9#  
61 23.5 22.6 33.8

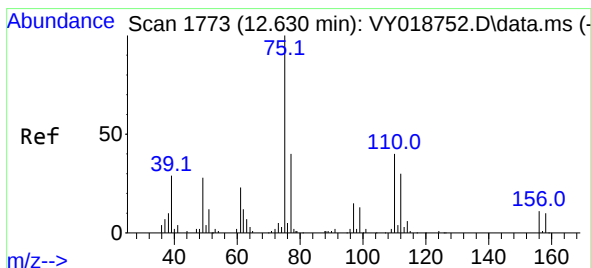
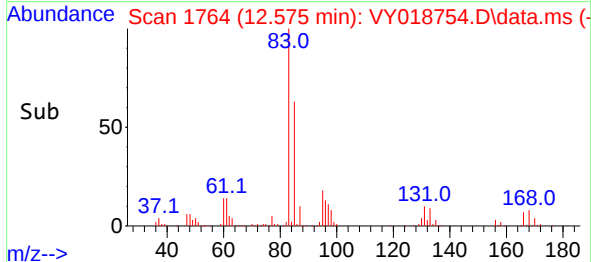
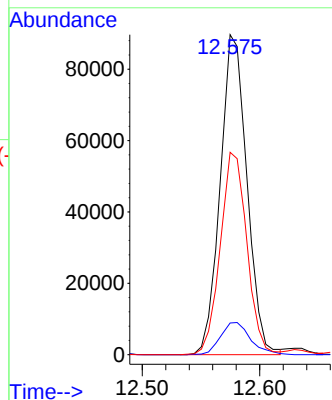
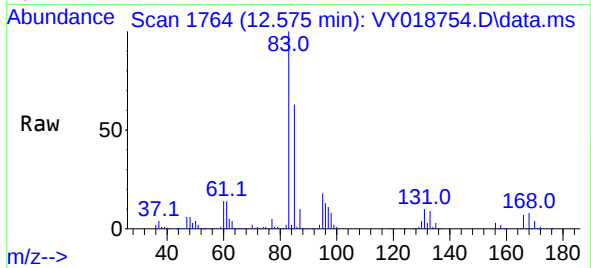




#75  
1,1,2,2-Tetrachloroethane  
Concen: 144.930 ug/l  
RT: 12.575 min Scan# 1764  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

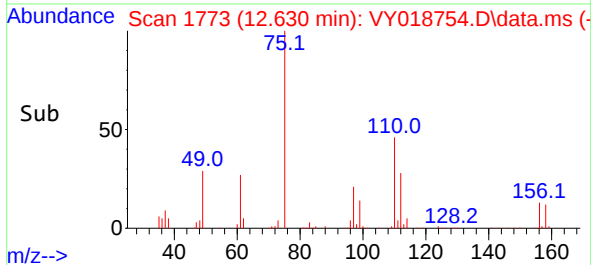
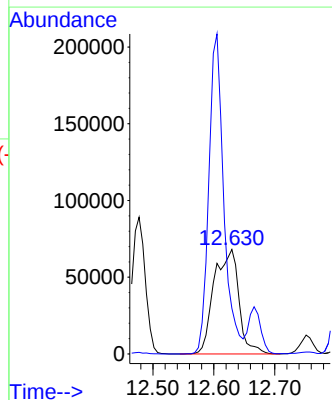
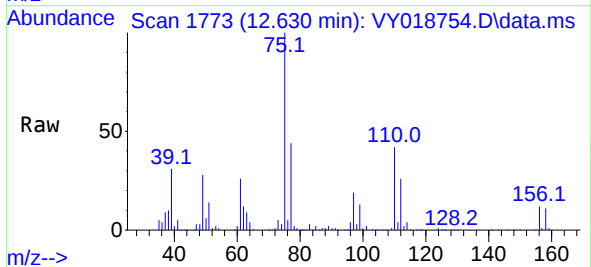
Instrument :  
MSVOA\_Y  
ClientSampleId :

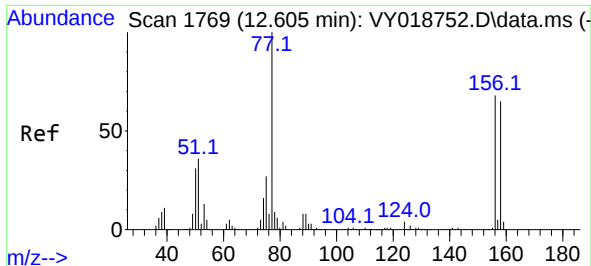
Tgt Ion: 83 Resp: 141633  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.0 14.9  
85 63.1 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 270.686 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 75 Resp: 192834  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

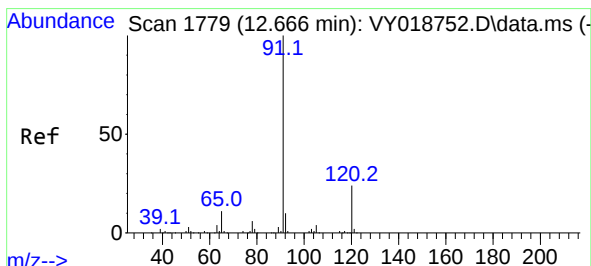
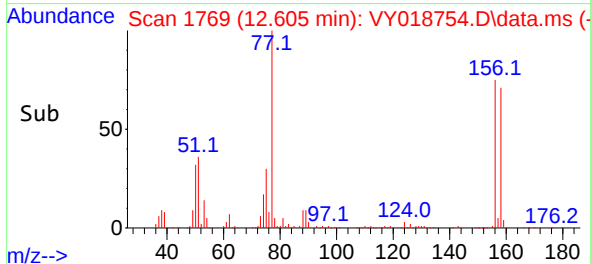
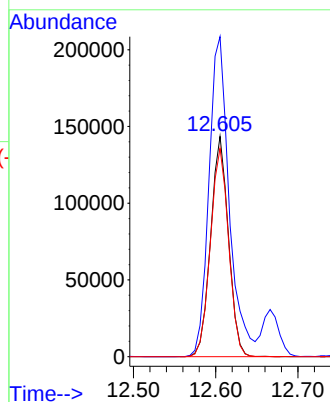
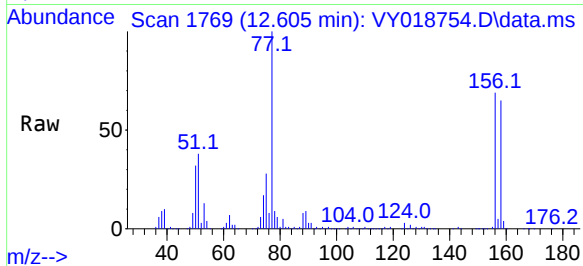




#77  
Bromobenzene  
Concen: 145.988 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

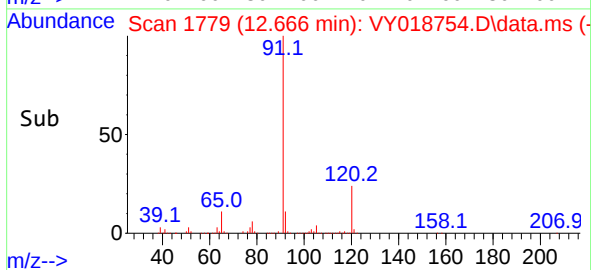
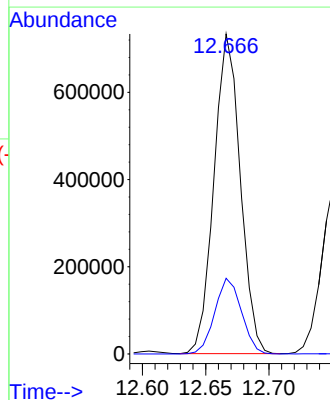
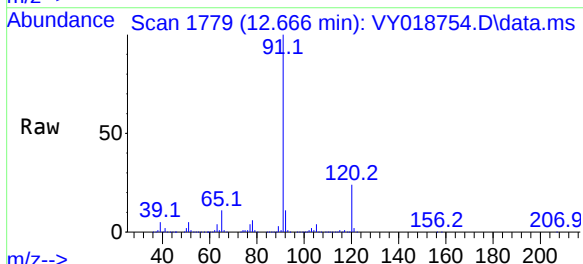
Instrument :  
MSVOA\_Y  
ClientSampleId :

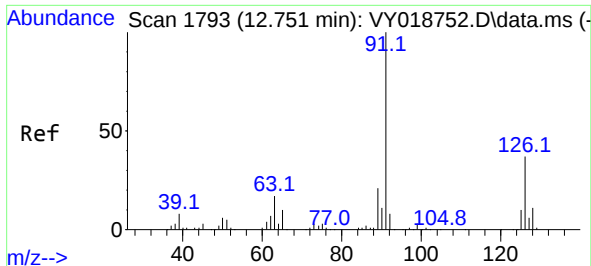
Tgt Ion:156 Resp: 216047  
Ion Ratio Lower Upper  
156 100  
77 165.4 87.1 261.3  
158 96.6 48.6 145.9



#78  
n-propylbenzene  
Concen: 144.048 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 91 Resp: 1060414  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.5 34.4

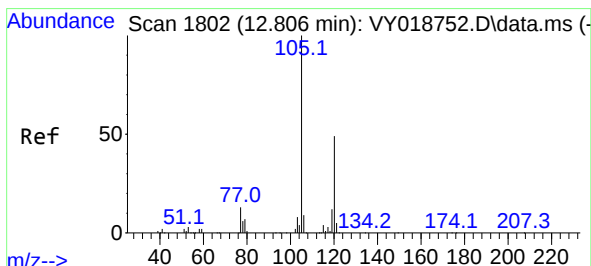
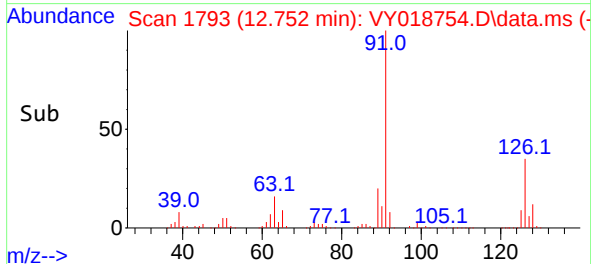
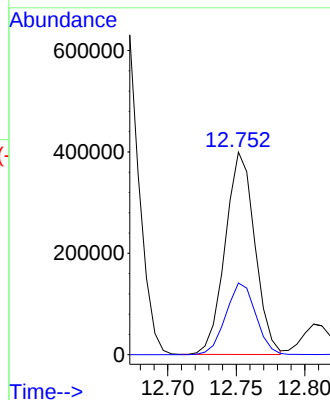
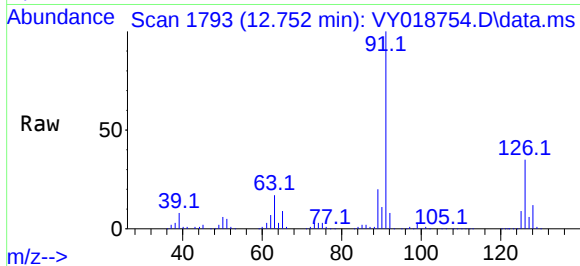




#79  
2-Chlorotoluene  
Concen: 145.179 ug/l  
RT: 12.752 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

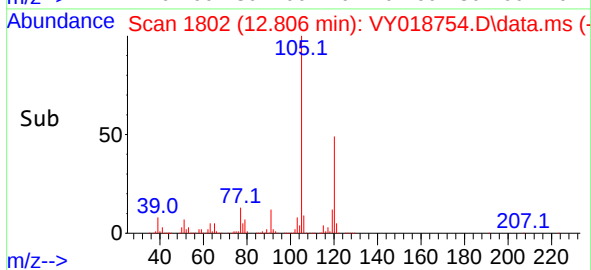
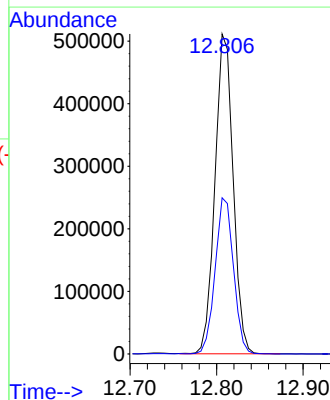
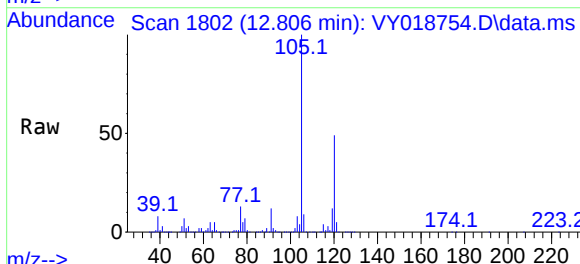
Instrument :  
MSVOA\_Y  
ClientSampleId :

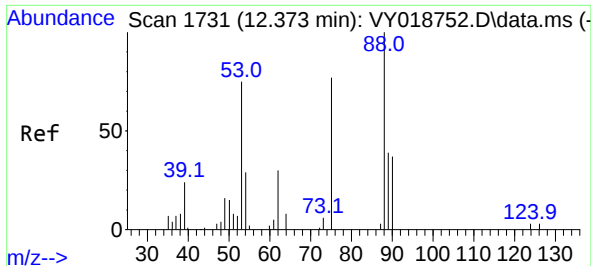
Tgt Ion: 91 Resp: 600943  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 146.743 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion: 105 Resp: 744306  
Ion Ratio Lower Upper  
105 100  
120 49.4 25.1 75.2

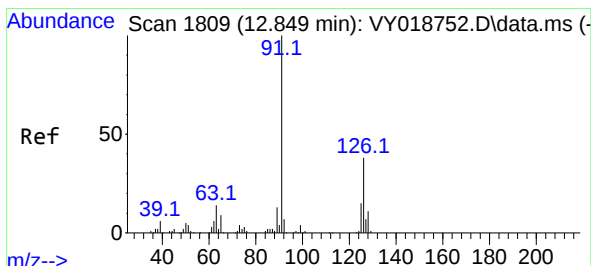
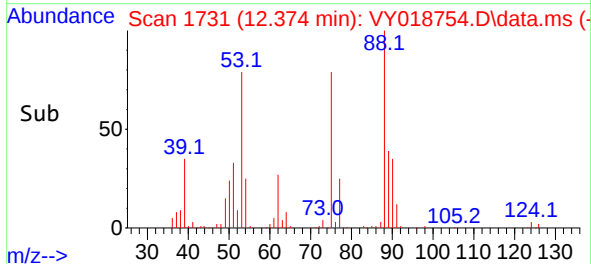
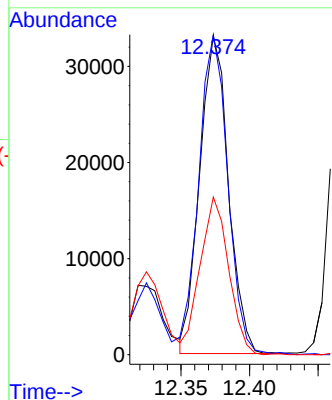
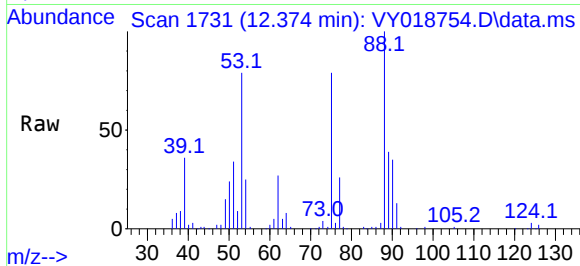




#81  
trans-1,4-Dichloro-2-butene  
Concen: 163.272 ug/l  
RT: 12.374 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

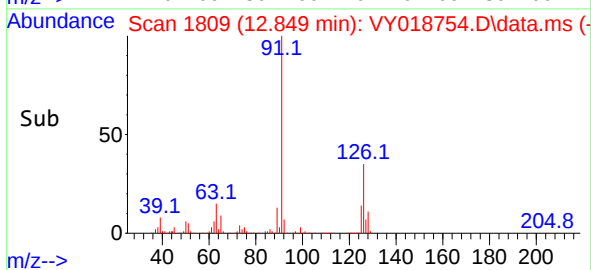
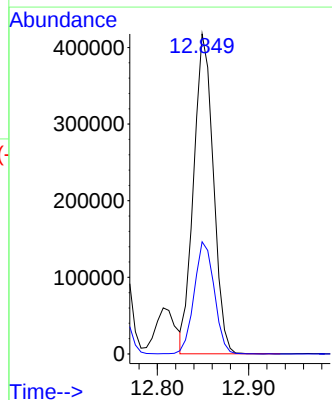
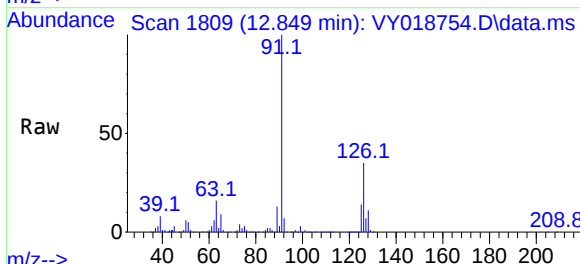
Instrument :  
MSVOA\_Y  
ClientSampleId :

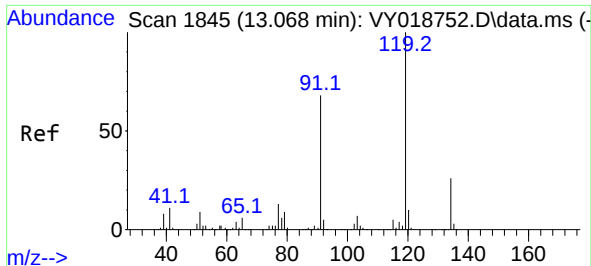
Tgt Ion: 75 Resp: 48397  
Ion Ratio Lower Upper  
75 100  
53 102.4 66.8 100.2#  
89 49.4 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 146.282 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

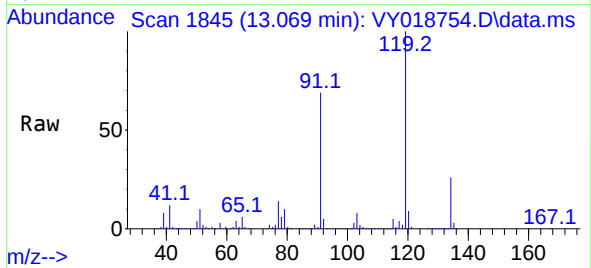
Tgt Ion: 91 Resp: 623503  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.6 52.9



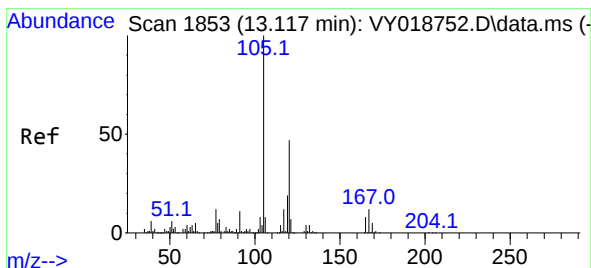
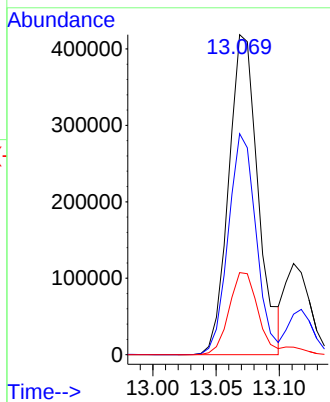
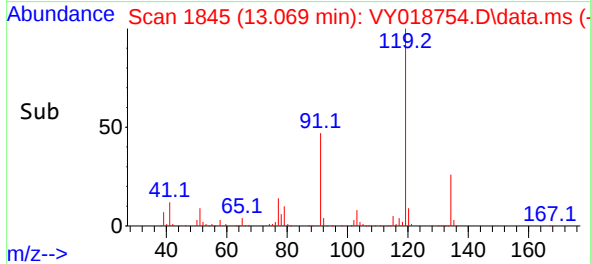


#83  
tert-Butylbenzene  
Concen: 145.060 ug/l  
RT: 13.069 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

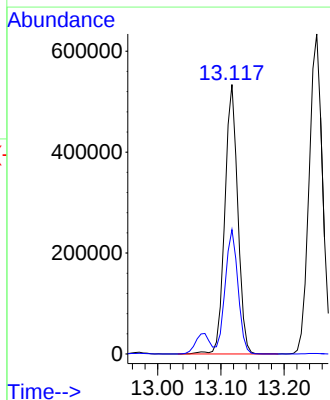
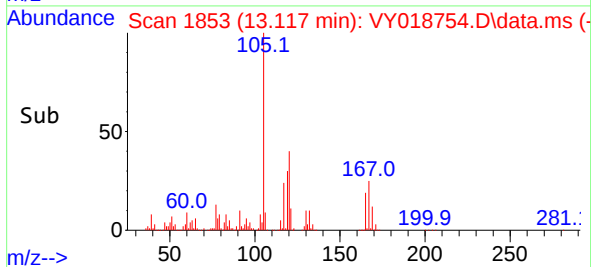
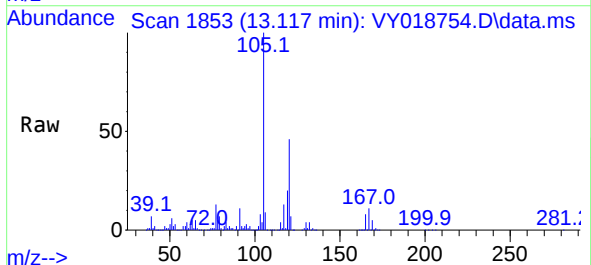


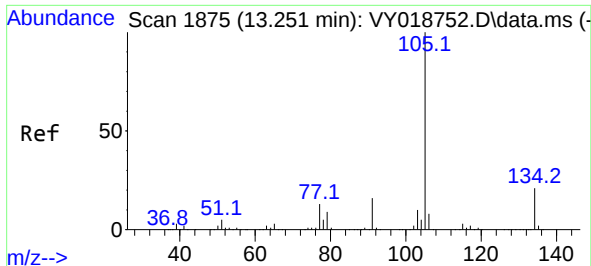
Tgt Ion:119 Resp: 679286  
Ion Ratio Lower Upper  
119 100  
91 65.2 31.3 93.8  
134 26.8 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 149.661 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:105 Resp: 754338  
Ion Ratio Lower Upper  
105 100  
120 46.1 23.2 69.6

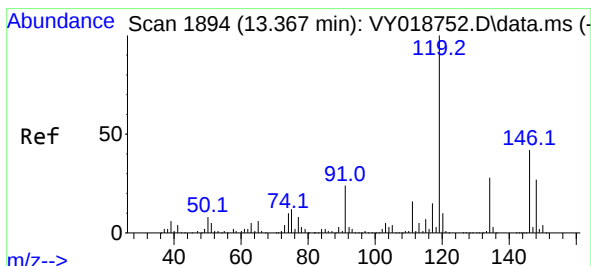
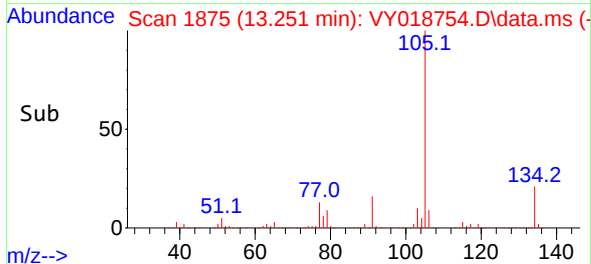
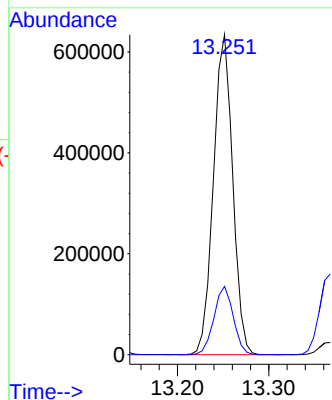
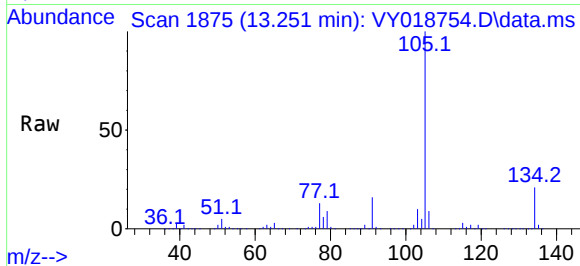




#85  
 sec-Butylbenzene  
 Concen: 139.558 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY018754.D  
 Acq: 09 Jul 2024 13:13

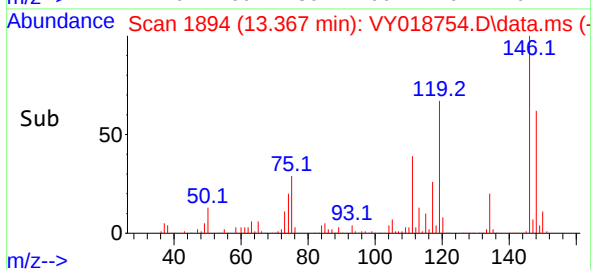
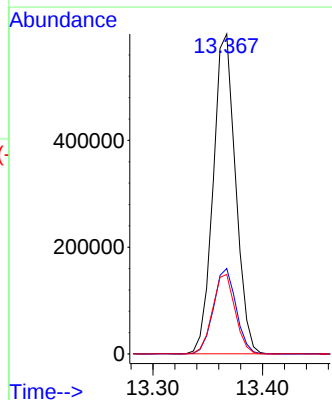
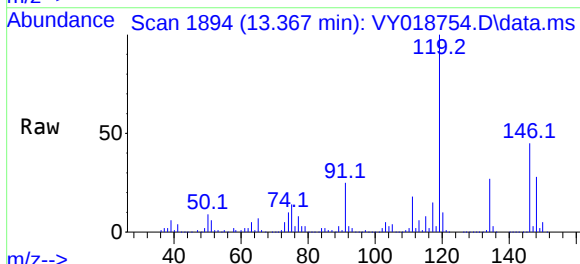
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

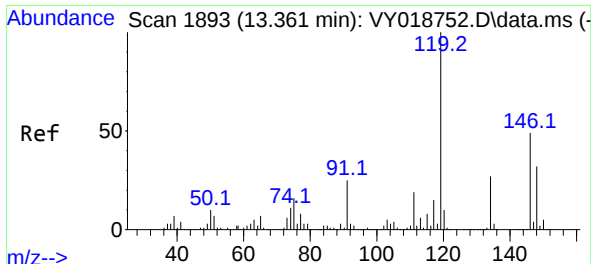
Tgt Ion:105 Resp: 927614  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 148.130 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY018754.D  
 Acq: 09 Jul 2024 13:13

Tgt Ion:119 Resp: 850003  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.1 39.3  
 91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 150.077 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

Instrument :

MSVOA\_Y

ClientSampleId :

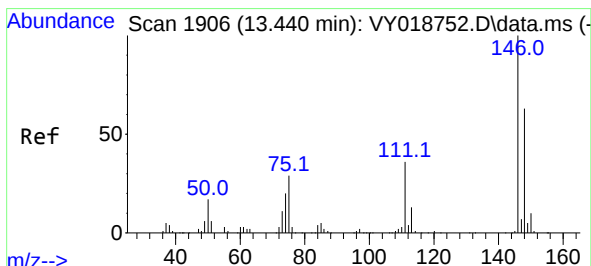
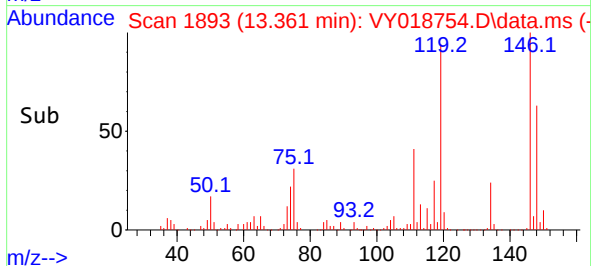
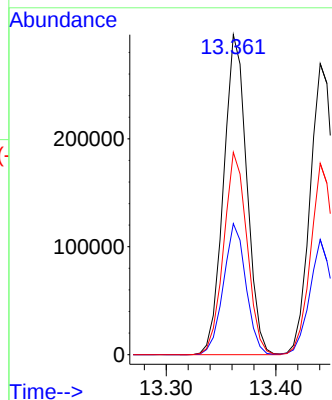
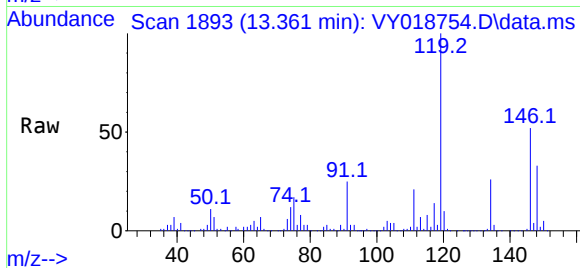
Tgt Ion:146 Resp: 436212

Ion Ratio Lower Upper

146 100

111 39.8 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 143.047 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018754.D

Acq: 09 Jul 2024 13:13

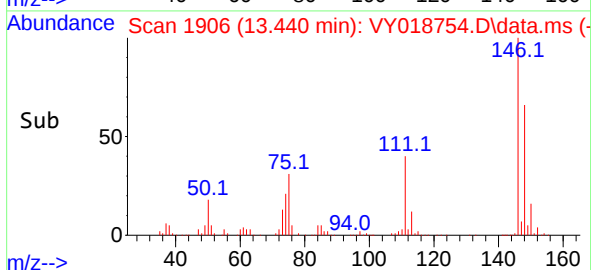
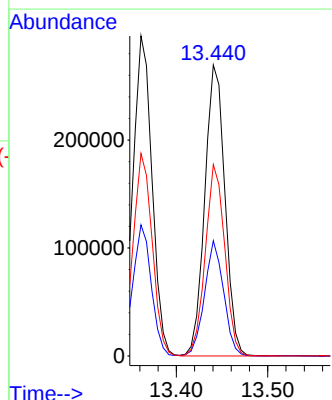
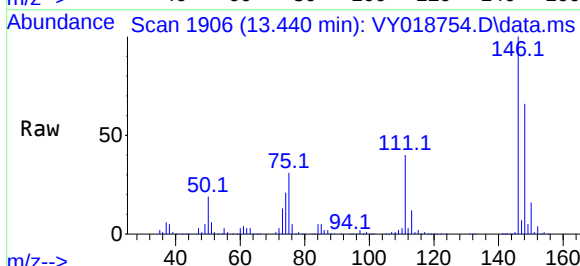
Tgt Ion:146 Resp: 412087

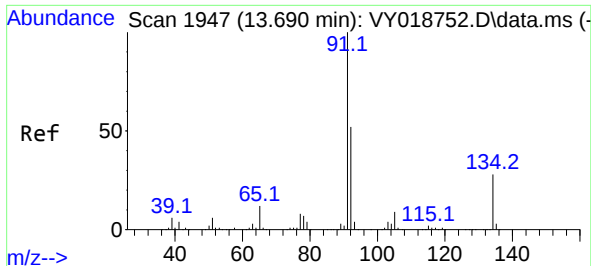
Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.4

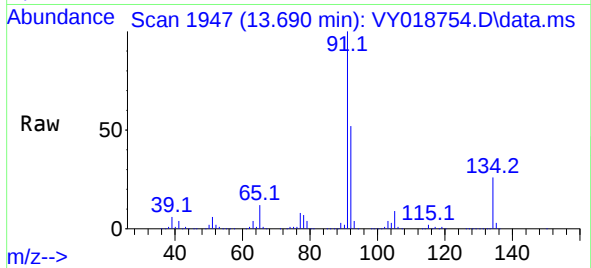
148 63.5 32.4 97.2



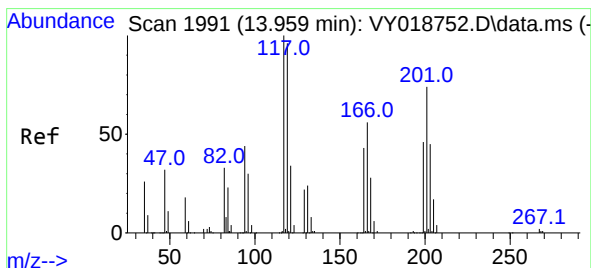
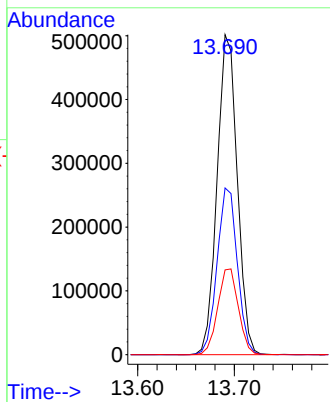
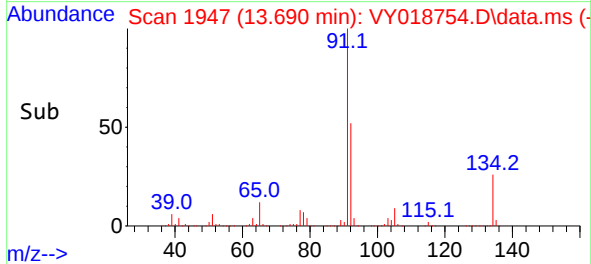


#89  
n-Butylbenzene  
Concen: 139.455 ug/l  
RT: 13.690 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

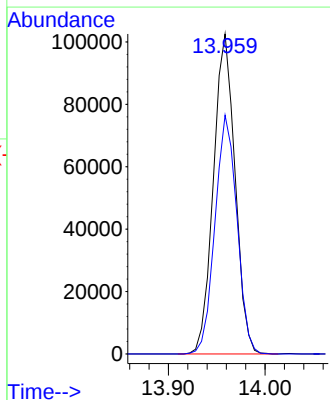
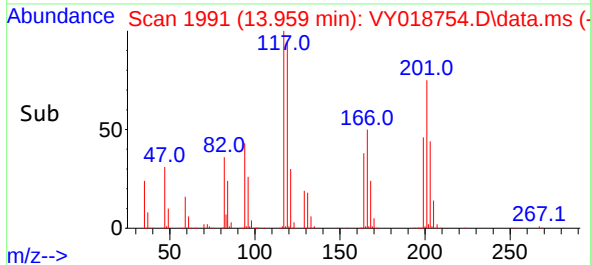
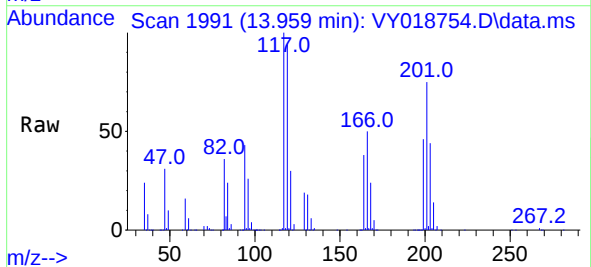


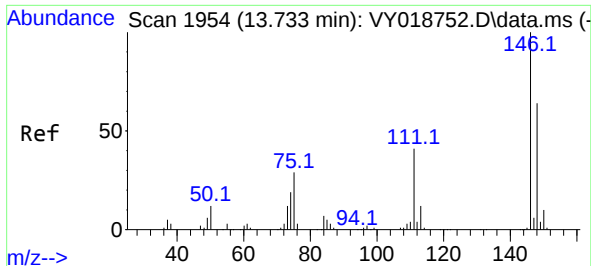
Tgt Ion: 91 Resp: 725469  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.6 79.7  
134 27.5 12.9 38.7



#90  
Hexachloroethane  
Concen: 149.151 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

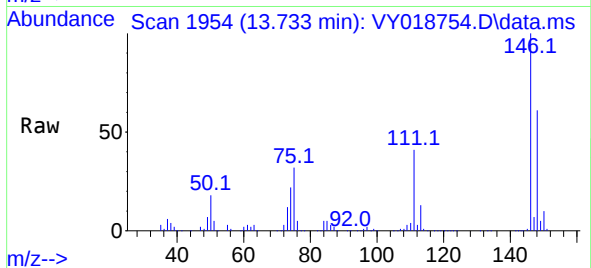
Tgt Ion: 117 Resp: 159167  
Ion Ratio Lower Upper  
117 100  
201 75.5 37.4 112.2



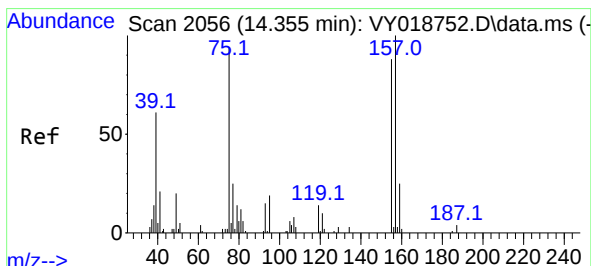
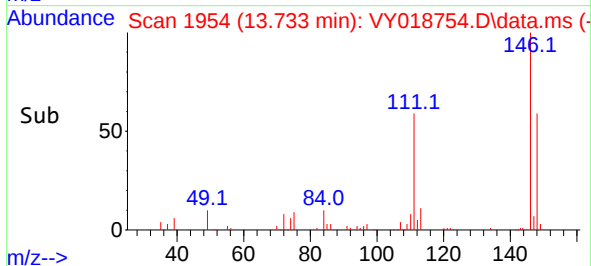
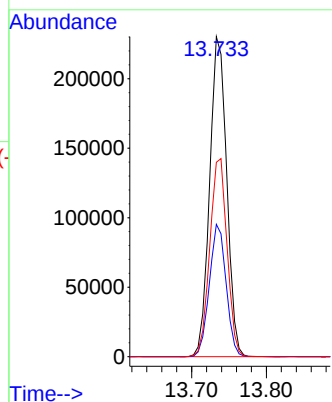


#91  
1,2-Dichlorobenzene  
Concen: 145.123 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

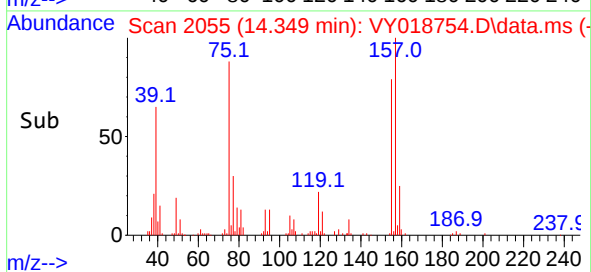
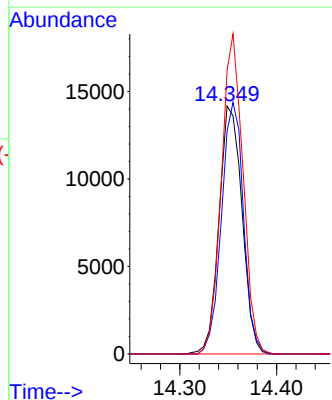
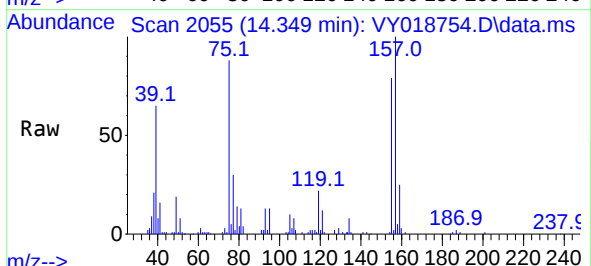


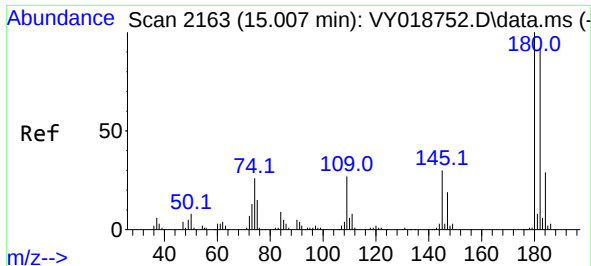
Tgt Ion:146 Resp: 364369  
Ion Ratio Lower Upper  
146 100  
111 40.7 19.9 59.7  
148 62.9 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 147.374 ug/l  
RT: 14.349 min Scan# 2055  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

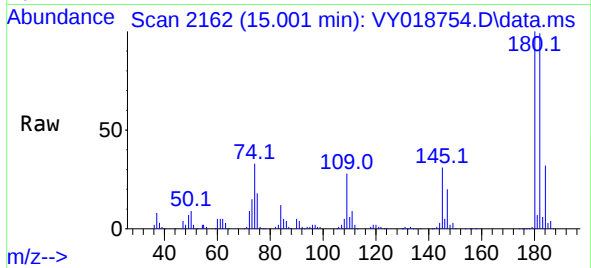
Tgt Ion: 75 Resp: 23337  
Ion Ratio Lower Upper  
75 100  
155 96.8 48.6 145.8  
157 121.3 62.7 188.2



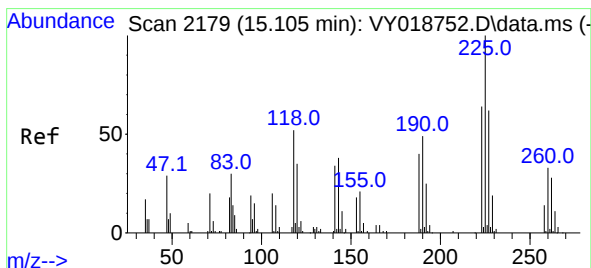
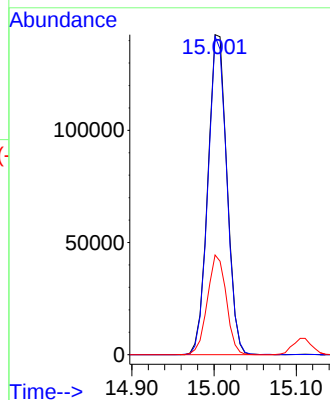
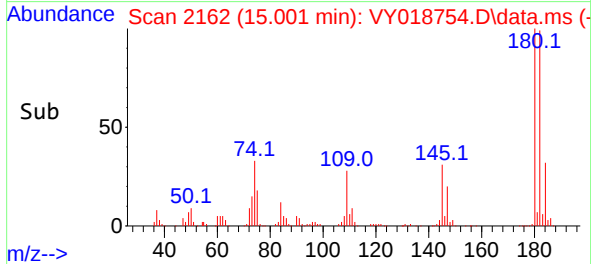


#93  
1,2,4-Trichlorobenzene  
Concen: 149.908 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

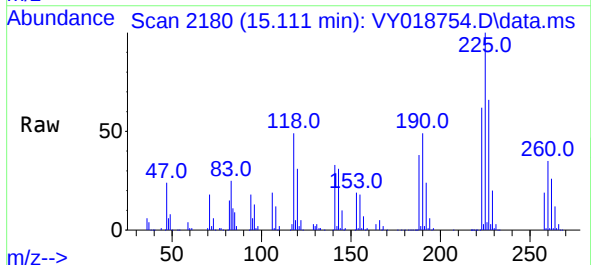
Instrument :  
MSVOA\_Y  
ClientSampleId :



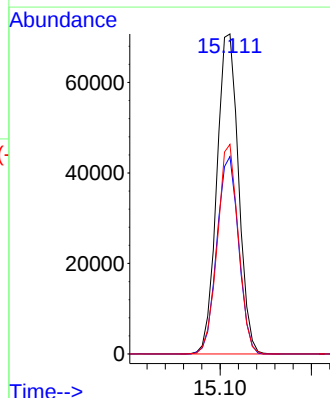
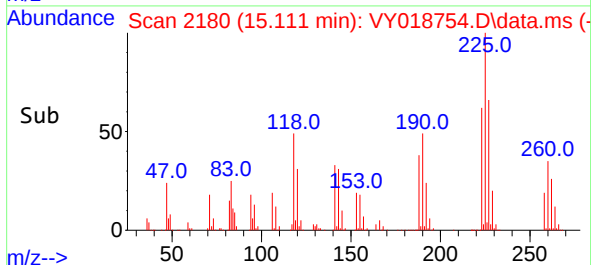
Tgt Ion:180 Resp: 229761  
Ion Ratio Lower Upper  
180 100  
182 97.8 47.9 143.8  
145 30.9 14.2 42.6

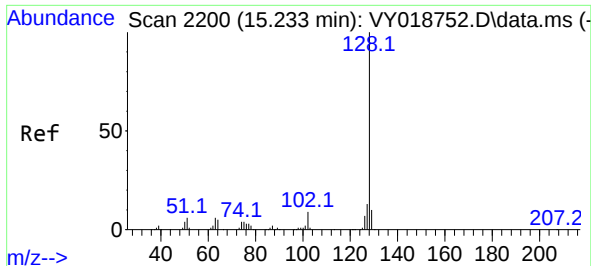


#94  
Hexachlorobutadiene  
Concen: 131.915 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.006 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13



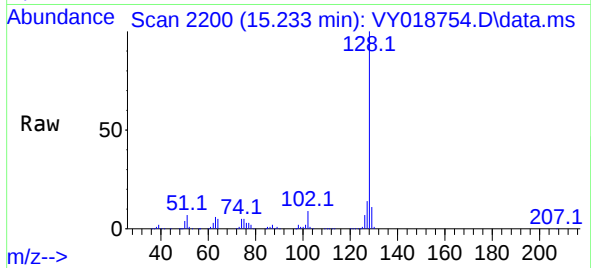
Tgt Ion:225 Resp: 116537  
Ion Ratio Lower Upper  
225 100  
223 61.7 30.4 91.2  
227 63.4 31.9 95.9



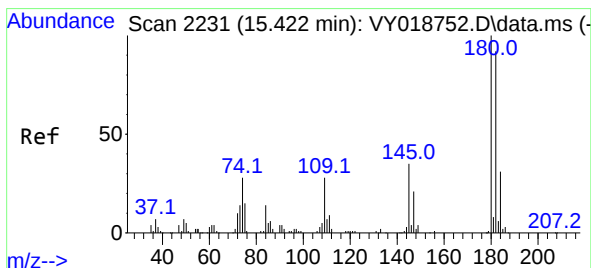
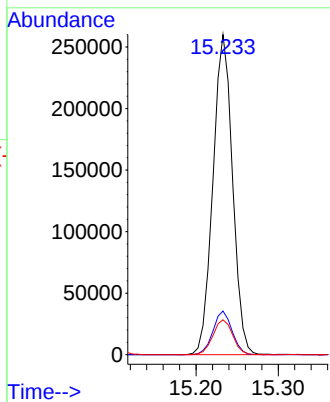
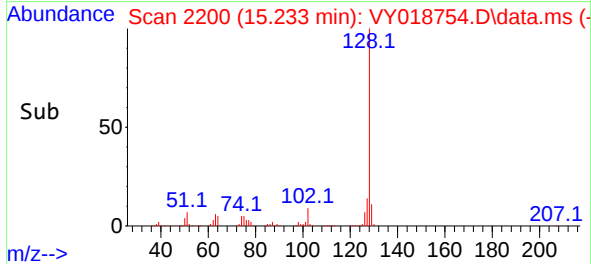


#95  
Naphthalene  
Concen: 163.704 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion:128 Resp: 430426  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 16.0  
129 11.1 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 151.210 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY018754.D  
Acq: 09 Jul 2024 13:13

Tgt Ion:180 Resp: 198294  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.6 142.9  
145 33.1 15.4 46.1

