

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082724\  
 Data File : VY019296.D  
 Acq On : 27 Aug 2024 19:19  
 Operator : SY/MD  
 Sample : P3663-05MS  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 28 01:48:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 05:10:30 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.701  | 168  | 54780    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.610  | 114  | 80425    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 40665    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 9888     | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.049  | 65    | 37478    | 68.250   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 136.500% |      |
| 35) Dibromofluoromethane    | 7.622  | 113   | 34906    | 66.378   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 132.760% |      |
| 50) Toluene-d8              | 10.103 | 98    | 72571    | 38.348   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 76.700%  |      |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 14240    | 22.073   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 44.140%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.861 | 85  | 28351  | 70.540  | ug/l   | 98  |
| 3) Chloromethane             | 2.068 | 50  | 55812  | 77.042  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.196 | 62  | 63985  | 71.505  | ug/l   | 100 |
| 5) Bromomethane              | 2.586 | 94  | 42319  | 81.136  | ug/l   | 98  |
| 6) Chloroethane              | 2.727 | 64  | 41472  | 77.129  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.044 | 101 | 83274  | 61.553  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.446 | 74  | 20737  | 71.013  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 3.800 | 101 | 31937  | 53.100  | ug/l   | 98  |
| 10) Methyl Iodide            | 3.995 | 142 | 35771  | 60.678  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 4.836 | 59  | 13200  | 288.483 | ug/l # | 87  |
| 12) 1,1-Dichloroethene       | 3.775 | 96  | 34579  | 63.282  | ug/l   | 90  |
| 13) Acrolein                 | 3.629 | 56  | 1422   | 16.037  | ug/l # | 55  |
| 14) Allyl chloride           | 4.373 | 41  | 51821  | 71.329  | ug/l   | 90  |
| 15) Acrylonitrile            | 5.037 | 53  | 42154  | 352.794 | ug/l   | 98  |
| 16) Acetone                  | 3.854 | 43  | 32798  | 322.063 | ug/l   | 89  |
| 17) Carbon Disulfide         | 4.092 | 76  | 87578  | 56.823  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.366 | 43  | 79080  | 253.017 | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.104 | 73  | 99766  | 75.308  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.604 | 84  | 49866  | 86.262  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.098 | 96  | 35384  | 57.961  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.000 | 45  | 117637 | 70.731  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.006 | 43  | 84423  | 64.115  | ug/l # | 70  |
| 24) 1,1-Dichloroethane       | 5.903 | 63  | 69341  | 68.175  | ug/l   | 100 |
| 25) 2-Butanone               | 6.878 | 43  | 53762  | 327.806 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 6.866 | 77  | 50969  | 61.884  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.878 | 96  | 42501  | 59.158  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.232 | 49  | 30271  | 70.950  | ug/l   | 92  |
| 29) Tetrahydrofuran          | 7.244 | 42  | 37254  | 353.362 | ug/l   | 90  |
| 30) Chloroform               | 7.409 | 83  | 73050  | 64.456  | ug/l   | 99  |
| 31) Cyclohexane              | 7.689 | 56  | 30369  | 37.601  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.604 | 97  | 60900  | 61.145  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 7.823 | 75  | 36645  | 50.747  | ug/l   | 98  |
| 37) Ethyl Acetate            | 6.970 | 43  | 20845  | 65.155  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.811 | 117 | 48998  | 58.551  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.103 | 83  | 20388  | 22.001  | ug/l   | 98  |
| 40) Benzene                  | 8.067 | 78  | 140543 | 63.460  | ug/l   | 96  |

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 Sample : P3663-05MS  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 28 01:48:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 05:10:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.214  | 41   | 13180    | 75.478   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.146  | 62   | 46194    | 77.241   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.189  | 43   | 42855    | 66.234   | ug/l # | 80       |
| 44) Trichloroethene           | 8.860  | 130  | 28644    | 46.353   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.134  | 63   | 31556    | 63.952   | ug/l   | 99       |
| 46) Dibromomethane            | 9.225  | 93   | 17791    | 55.590   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.420  | 83   | 40703    | 51.839   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.213  | 41   | 20270    | 70.295   | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.219  | 88   | 4717     | 1216.713 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 9.994  | 43   | 102305   | 297.907  | ug/l   | 94       |
| 52) Toluene                   | 10.164 | 92   | 55812    | 38.392   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.390 | 75   | 28816    | 44.241   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 36918    | 47.130   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.567 | 97   | 21925    | 53.216   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.439 | 69   | 20250    | 37.551   | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 10.713 | 76   | 35169    | 52.364   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.707  | 63   | 67896    | 265.397  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.762 | 43   | 63840    | 270.587  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.908 | 129  | 25517    | 45.473   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 19594    | 49.205   | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.646 | 164  | 16743    | 47.105   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.438 | 112  | 47826    | 51.076   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.512 | 131  | 24441    | 74.224   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.518 | 91   | 83296    | 51.253   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.627 | 106  | 62372    | 96.721   | ug/l   | 98       |
| 69) o-Xylene                  | 11.957 | 106  | 30687    | 51.387   | ug/l   | 99       |
| 70) Styrene                   | 11.969 | 104  | 39990    | 39.269   | ug/l   | 96       |
| 71) Bromoform                 | 12.133 | 173  | 13507    | 71.756   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.255 | 105  | 63247    | 83.454   | ug/l   | 97       |
| 74) N-amyl acetate            | 12.072 | 43   | 12631    | 76.432   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 19741    | 146.313  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 24295    | 249.145  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 14801    | 81.320   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.597 | 91   | 58166    | 64.202   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 32236    | 63.465   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 38234    | 61.927   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 5940     | 150.439  | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 29095    | 55.058   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 38435    | 67.411   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 42057    | 68.348   | ug/l   | 88       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 40999    | 49.345   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 30221    | 44.282   | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 15401    | 42.907   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 14658    | 41.081   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.615 | 91   | 20073    | 32.260   | ug/l   | 97       |
| 90) Hexachloroethane          | 13.877 | 117  | 7110     | 52.856   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.658 | 146  | 15071    | 47.740   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 2372     | 119.505  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 14.926 | 180  | 3013     | 16.924   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 2214     | 23.875   | ug/l   | 91       |
| 95) Naphthalene               | 15.145 | 128  | 6325     | 19.907   | ug/l # | 95       |
| 96) 1,2,3-Trichlorobenzene    | 15.334 | 180  | 2549     | 16.976   | ug/l   | 92       |

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Sample : P3663-05MS  
Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 22 Sample Multiplier: 1

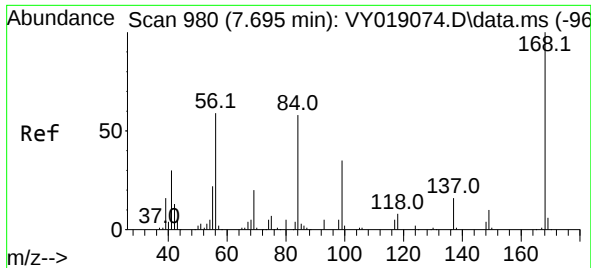
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Aug 28 01:48:58 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 16 05:10:30 2024  
Response via : Initial Calibration

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

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

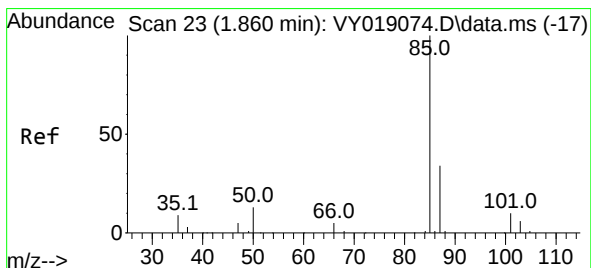
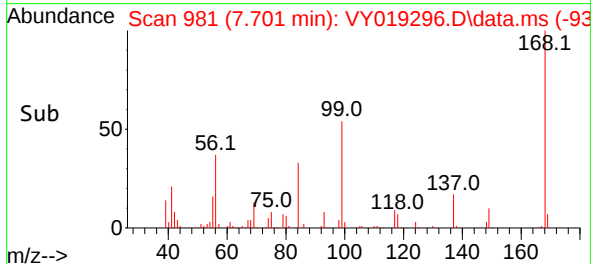
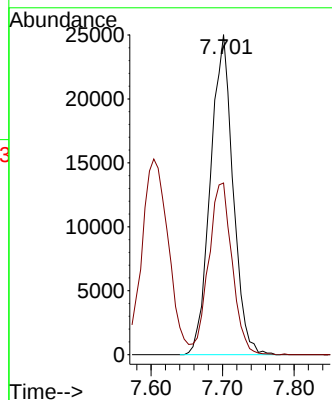
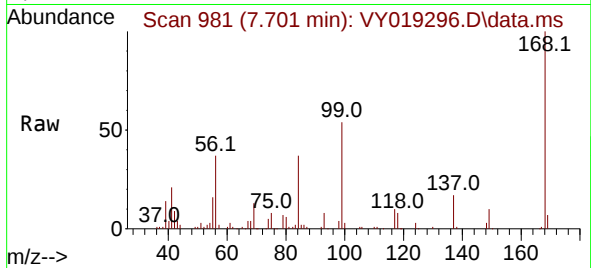




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.701 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

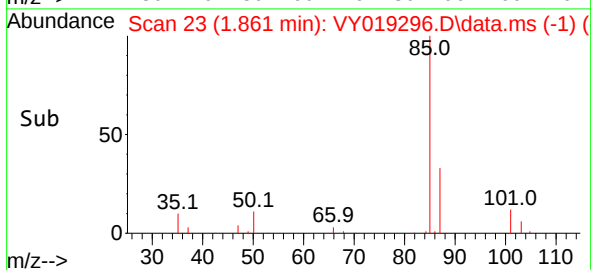
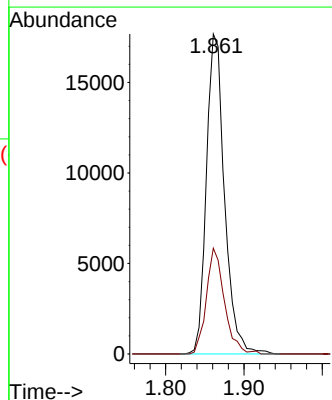
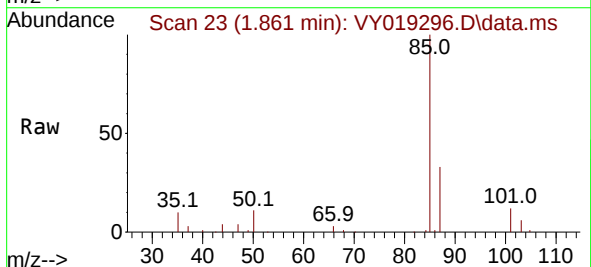
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:168 Resp: 54780  
Ion Ratio Lower Upper  
168 100  
99 53.6 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 70.540 ug/l  
RT: 1.861 min Scan# 23  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 85 Resp: 28351  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.0 48.0

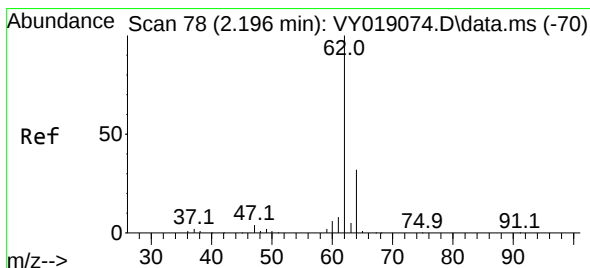
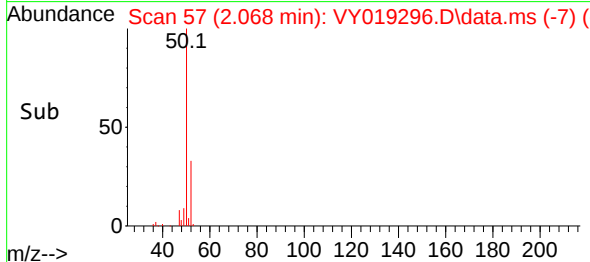
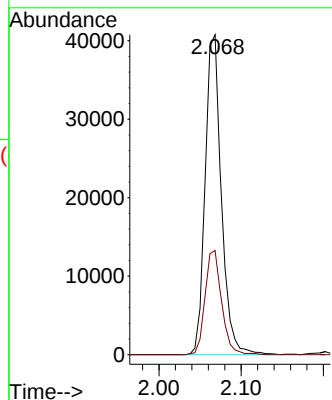
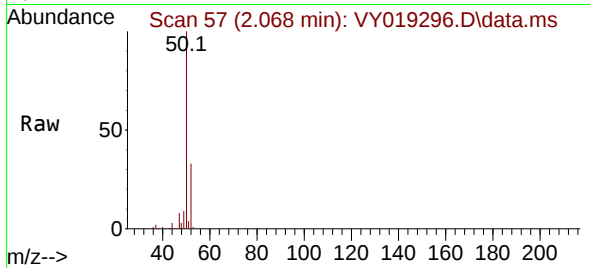




#3  
Chloromethane  
Concen: 77.042 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

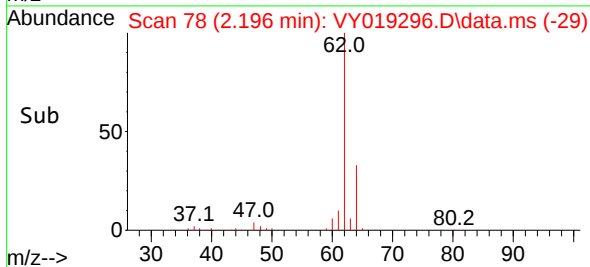
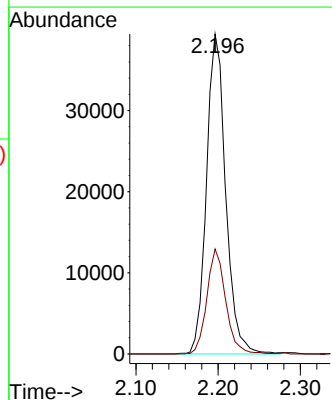
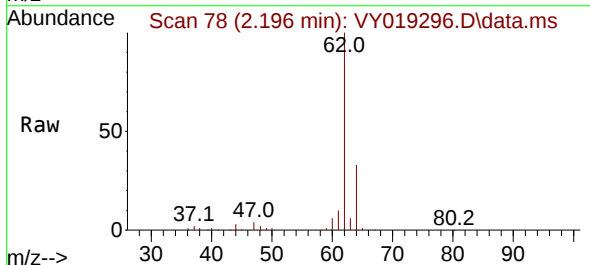
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 50 Resp: 55812  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.6 38.4



#4  
Vinyl Chloride  
Concen: 71.505 ug/l  
RT: 2.196 min Scan# 78  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 62 Resp: 63985  
Ion Ratio Lower Upper  
62 100  
64 32.6 26.1 39.1

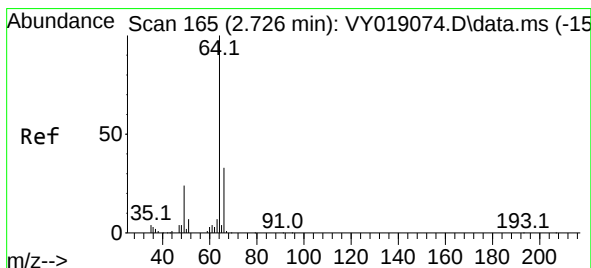
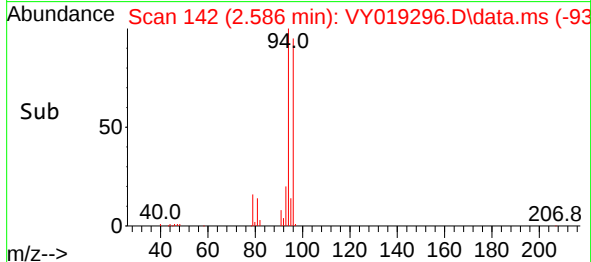
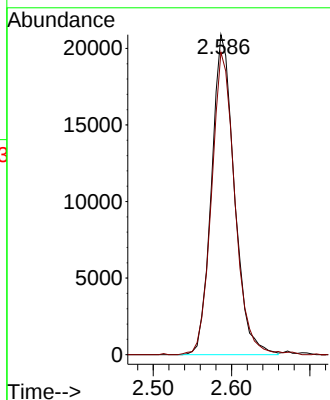
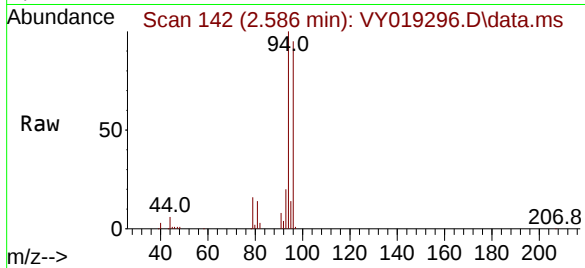




#5  
Bromomethane  
Concen: 81.136 ug/l  
RT: 2.586 min Scan# 142  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

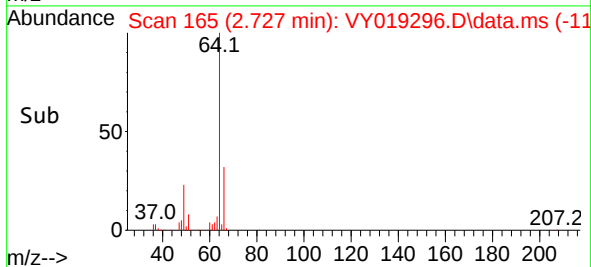
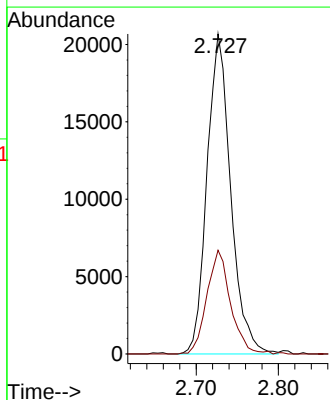
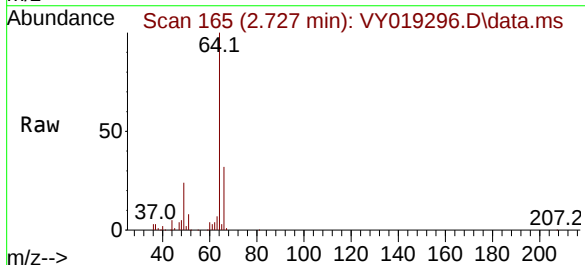
Instrument :  
MSVOA\_Y  
ClientSampleId :

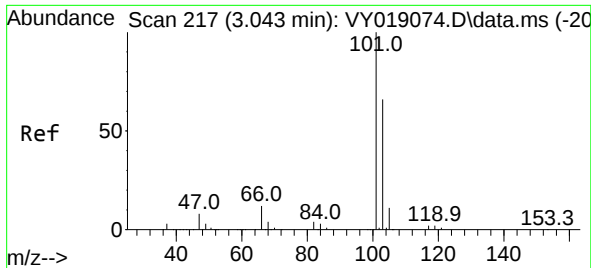
Tgt Ion: 94 Resp: 42319  
Ion Ratio Lower Upper  
94 100  
96 94.5 74.1 111.1



#6  
Chloroethane  
Concen: 77.129 ug/l  
RT: 2.727 min Scan# 165  
Delta R.T. 0.001 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 64 Resp: 41472  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.1 39.1

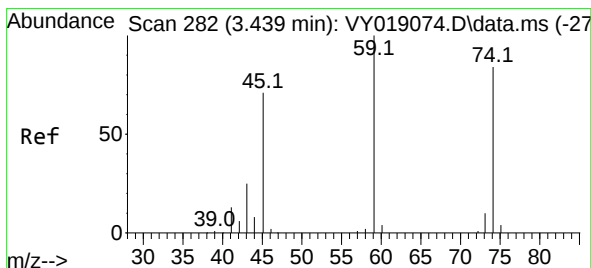
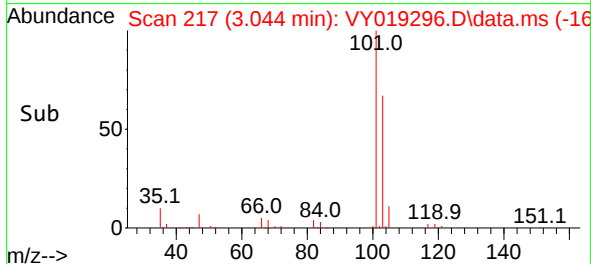
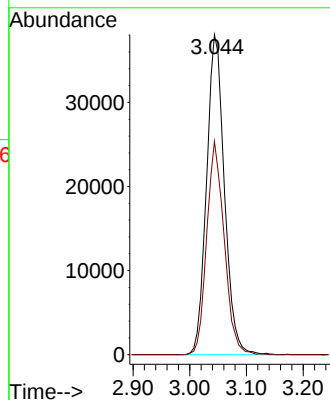
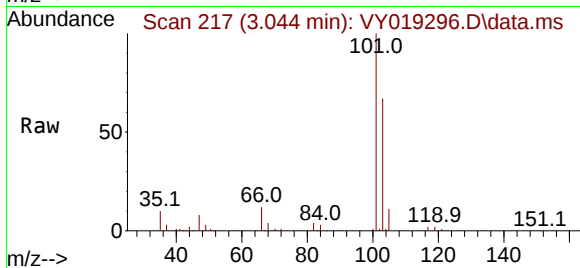




#7  
 Trichlorofluoromethane  
 Concen: 61.553 ug/l  
 RT: 3.044 min Scan# 217  
 Delta R.T. 0.000 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

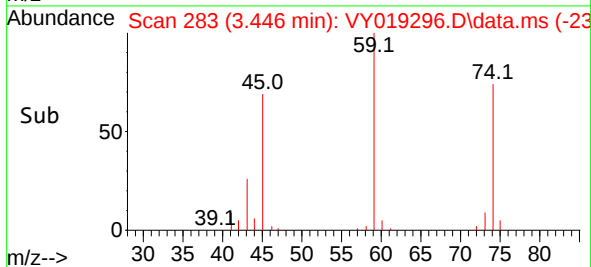
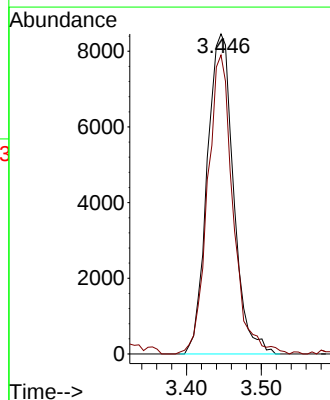
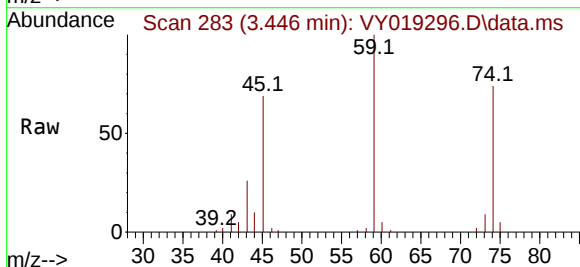
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

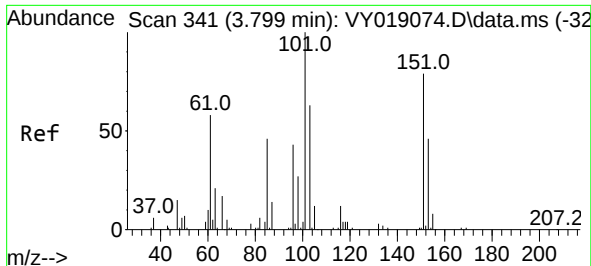
Tgt Ion:101 Resp: 83274  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 71.013 ug/l  
 RT: 3.446 min Scan# 283  
 Delta R.T. 0.006 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

Tgt Ion: 74 Resp: 20737  
 Ion Ratio Lower Upper  
 74 100  
 45 89.8 41.3 124.1

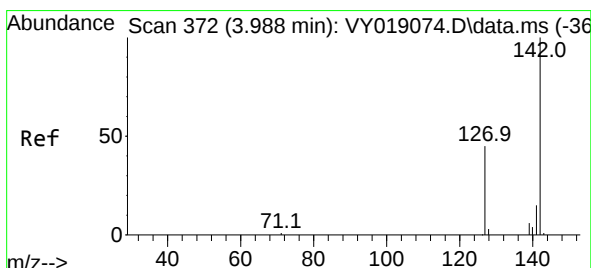
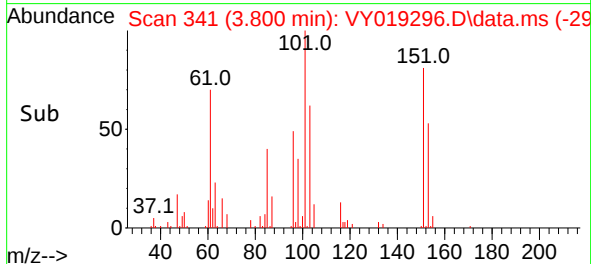
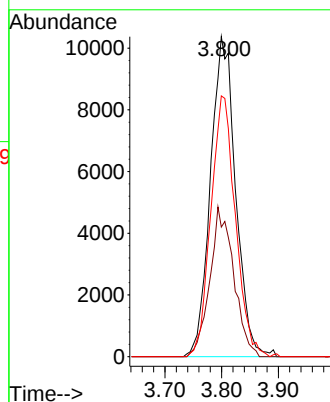
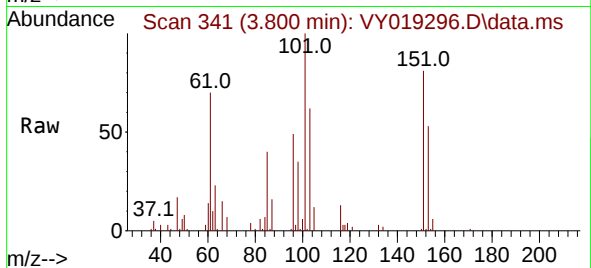




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.100 ug/l  
RT: 3.800 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

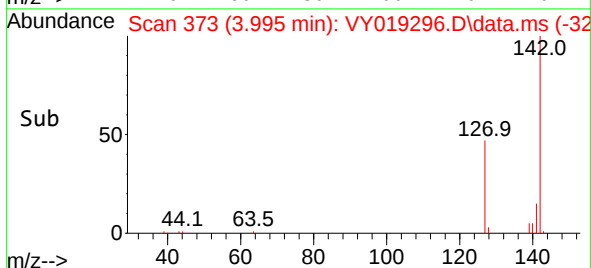
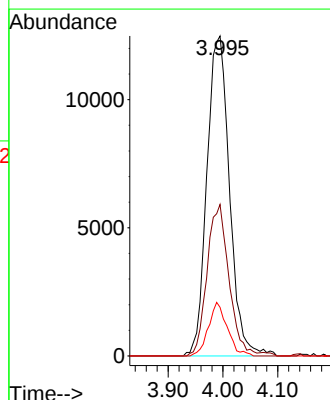
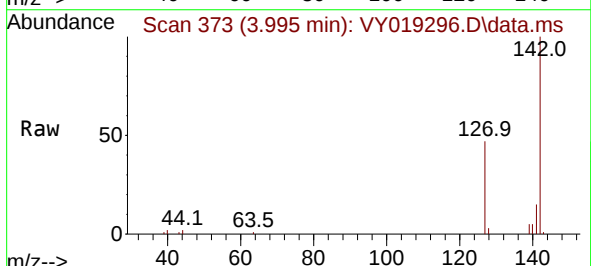
Instrument :  
MSVOA\_Y  
ClientSampleId :

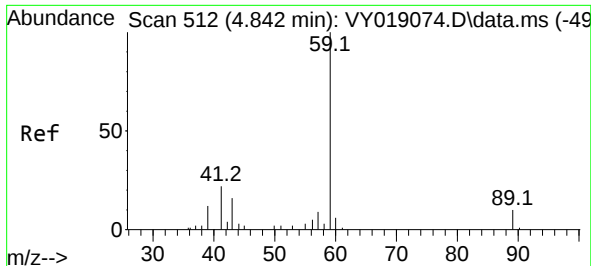
Tgt Ion:101 Resp: 31937  
Ion Ratio Lower Upper  
101 100  
85 44.3 34.5 51.7  
151 79.5 61.7 92.5



#10  
Methyl Iodide  
Concen: 60.678 ug/l  
RT: 3.995 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion:142 Resp: 35771  
Ion Ratio Lower Upper  
142 100  
127 45.7 32.8 49.2  
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 288.483 ug/l

RT: 4.836 min Scan# 512

Delta R.T. -0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

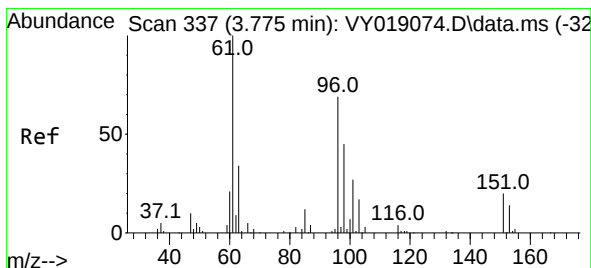
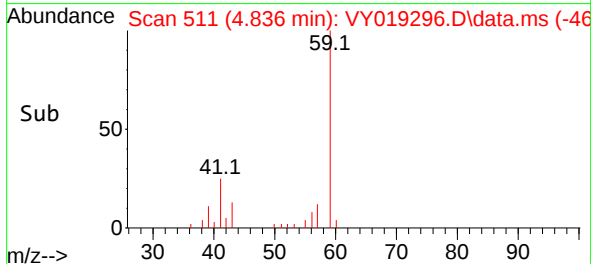
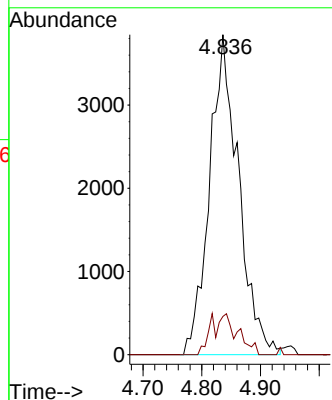
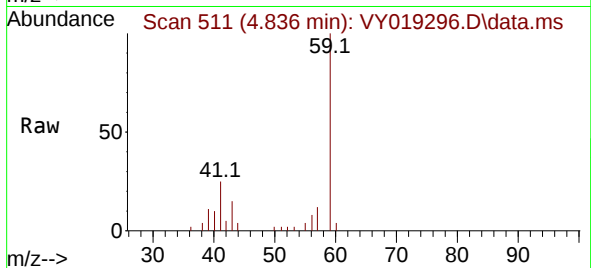
ClientSampleId :

Tgt Ion: 59 Resp: 13200

Ion Ratio Lower Upper

59 100

57 8.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 63.282 ug/l

RT: 3.775 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

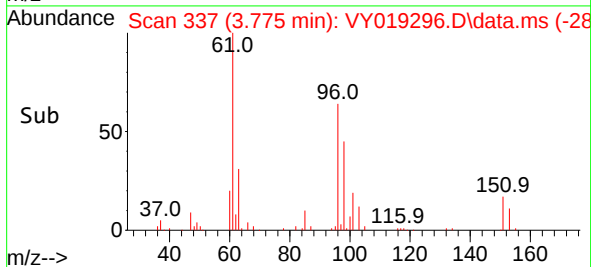
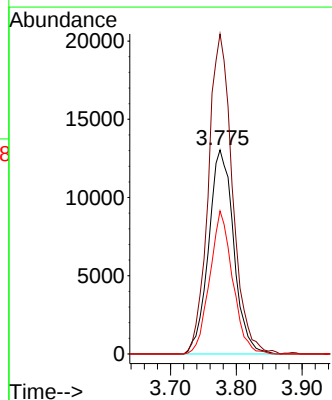
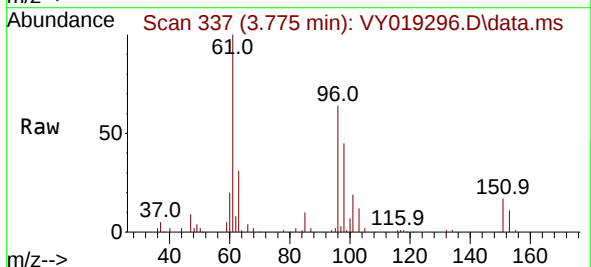
Tgt Ion: 96 Resp: 34579

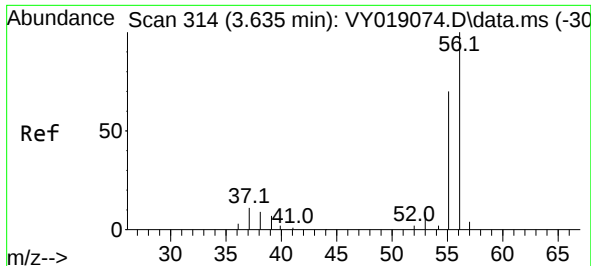
Ion Ratio Lower Upper

96 100

61 156.9 114.6 171.8

98 70.1 50.8 76.2





#13

Acrolein

Concen: 16.037 ug/l

RT: 3.629 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

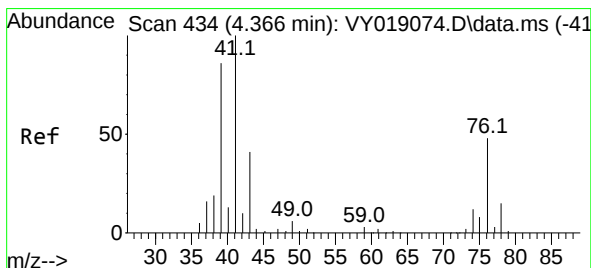
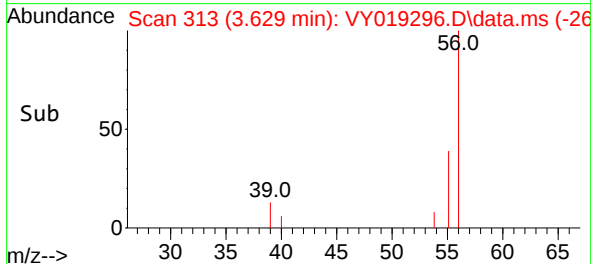
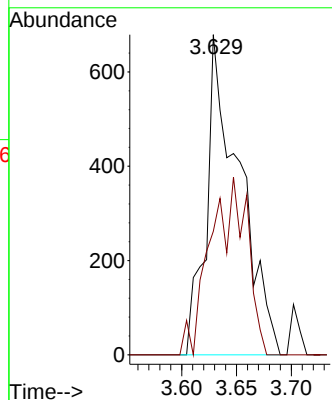
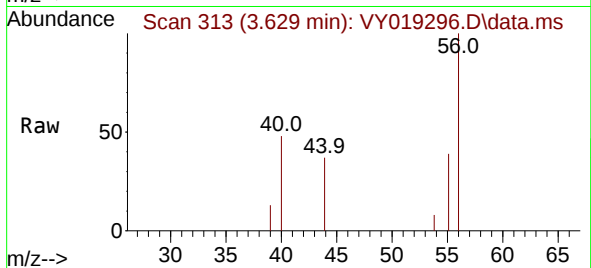
ClientSampleId :

Tgt Ion: 56 Resp: 1422

Ion Ratio Lower Upper

56 100

55 32.5 55.7 83.5#



#14

Allyl chloride

Concen: 71.329 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

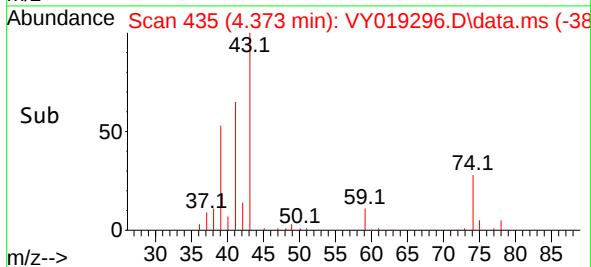
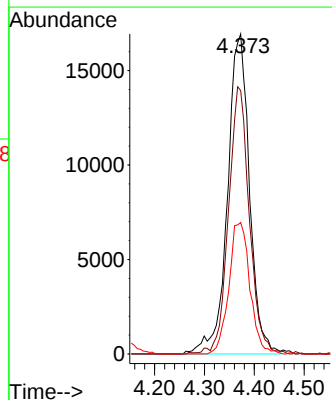
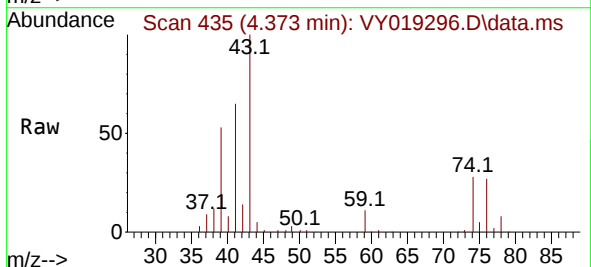
Tgt Ion: 41 Resp: 51821

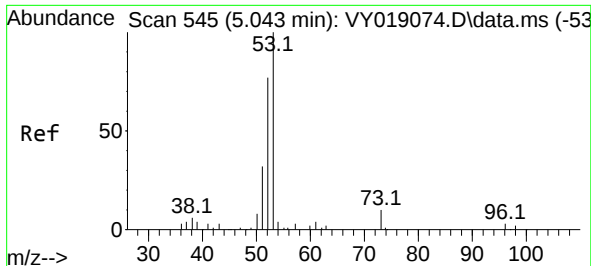
Ion Ratio Lower Upper

41 100

39 79.2 58.3 87.5

76 39.4 39.0 58.6

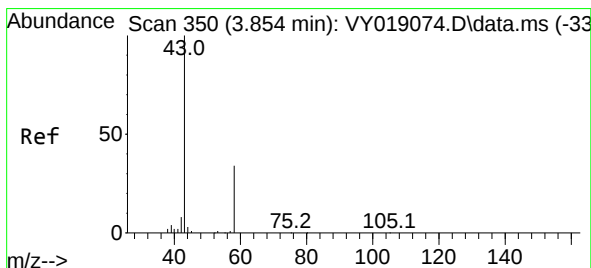
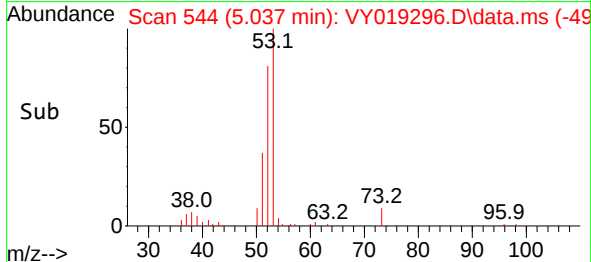
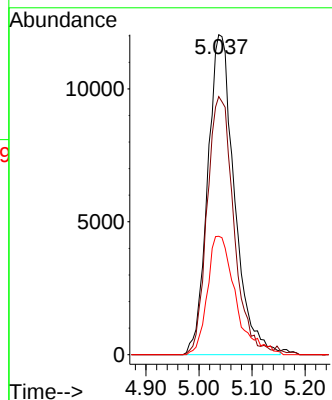
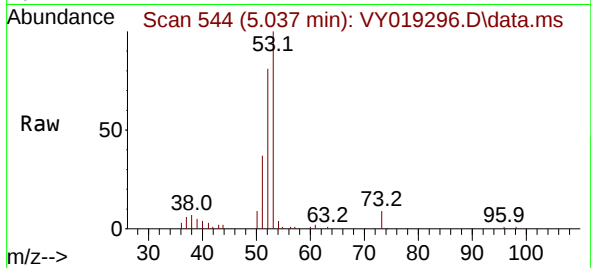




#15  
Acrylonitrile  
Concen: 352.794 ug/l  
RT: 5.037 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

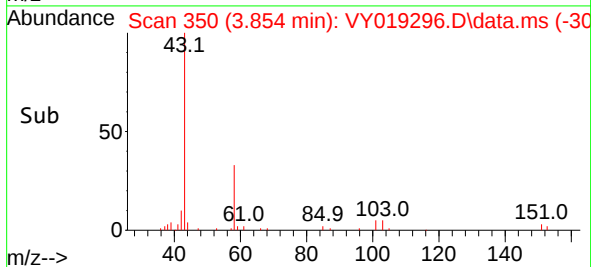
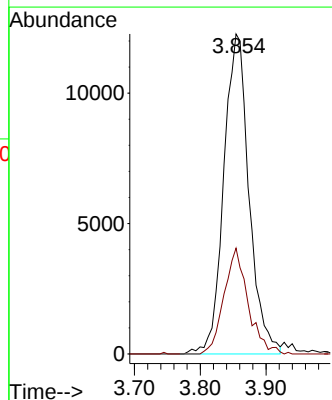
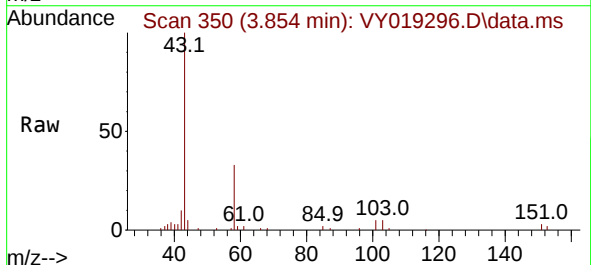
Instrument :  
MSVOA\_Y  
ClientSampleId :

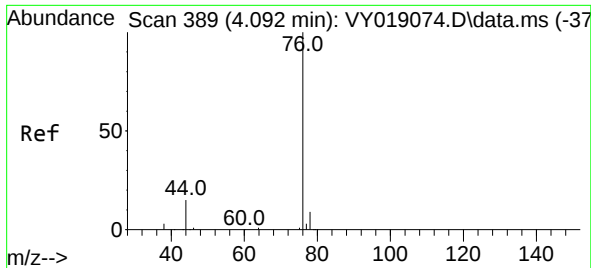
Tgt Ion: 53 Resp: 42154  
Ion Ratio Lower Upper  
53 100  
52 80.4 64.7 97.1  
51 39.1 28.4 42.6



#16  
Acetone  
Concen: 322.063 ug/l  
RT: 3.854 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 43 Resp: 32798  
Ion Ratio Lower Upper  
43 100  
58 33.1 31.7 47.5

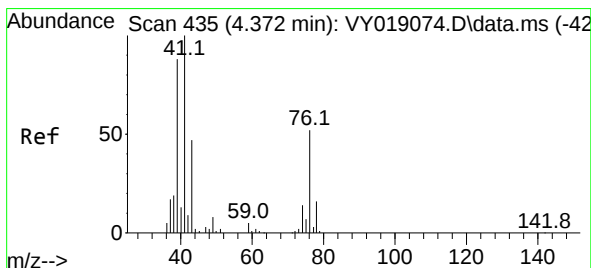
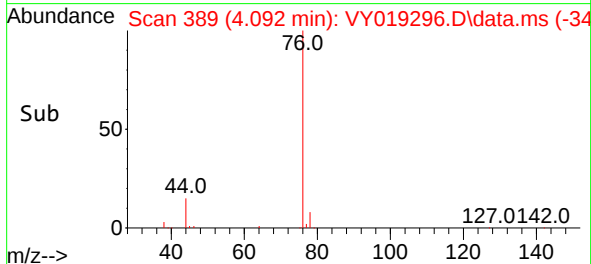
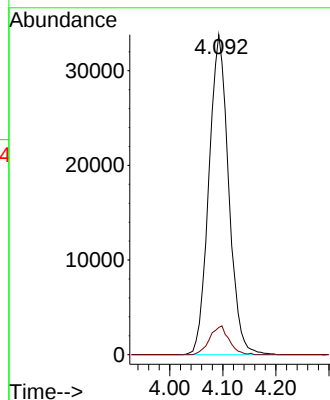
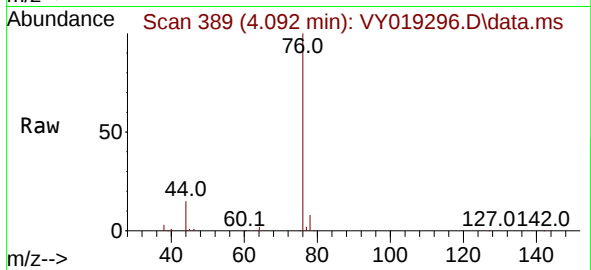




#17  
Carbon Disulfide  
Concen: 56.823 ug/l  
RT: 4.092 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

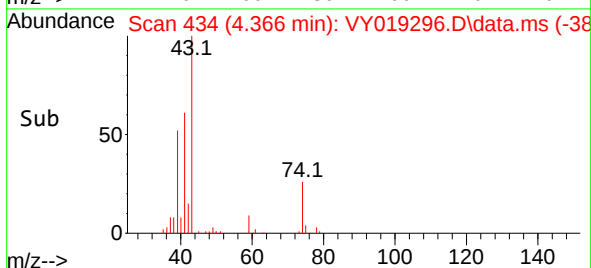
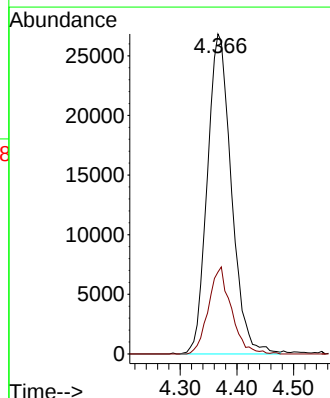
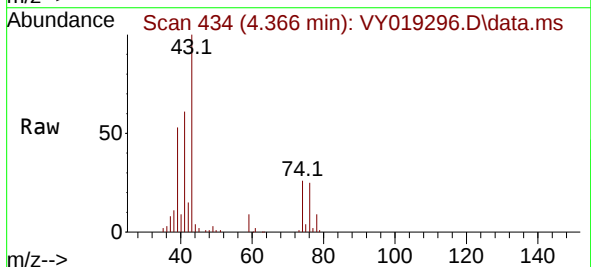
Instrument :  
MSVOA\_Y  
ClientSampleId :

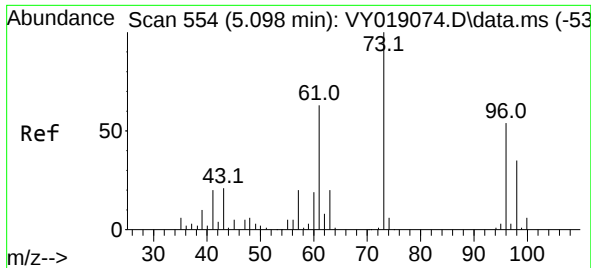
Tgt Ion: 76 Resp: 87578  
Ion Ratio Lower Upper  
76 100  
78 8.5 6.8 10.2



#18  
Methyl Acetate  
Concen: 253.017 ug/l  
RT: 4.366 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 43 Resp: 79080  
Ion Ratio Lower Upper  
43 100  
74 25.7 23.3 34.9

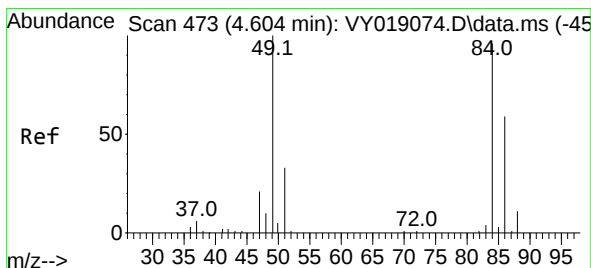
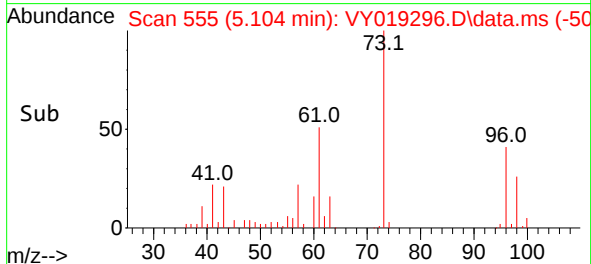
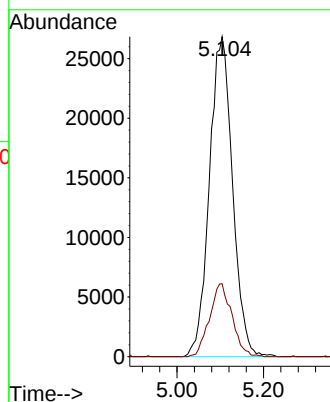
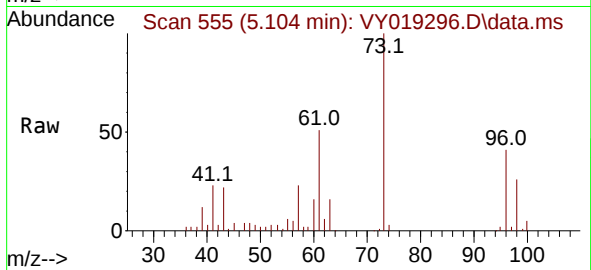




#19  
Methyl tert-butyl Ether  
Concen: 75.308 ug/l  
RT: 5.104 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

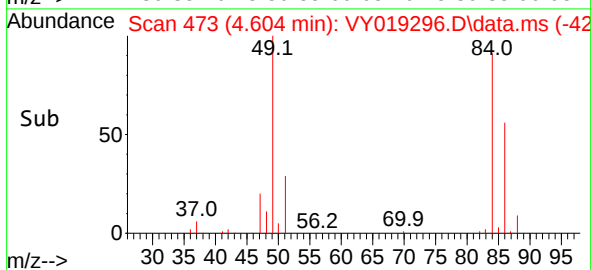
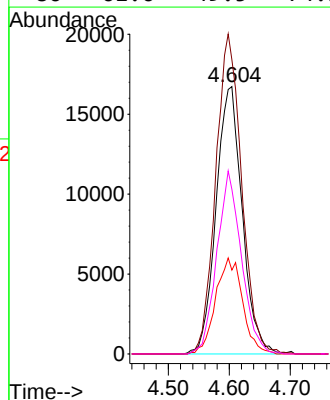
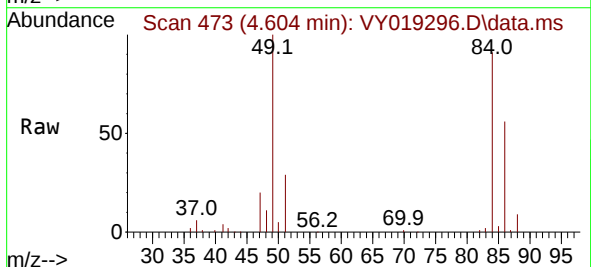
Instrument :  
MSVOA\_Y  
ClientSampleId :

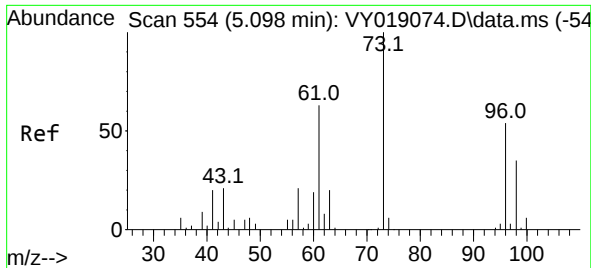
Tgt Ion: 73 Resp: 99766  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 86.262 ug/l  
RT: 4.604 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

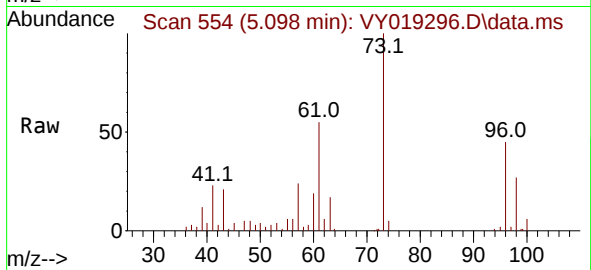
Tgt Ion: 84 Resp: 49866  
Ion Ratio Lower Upper  
84 100  
49 110.1 84.4 126.6  
51 31.4 26.0 39.0  
86 61.6 49.5 74.3



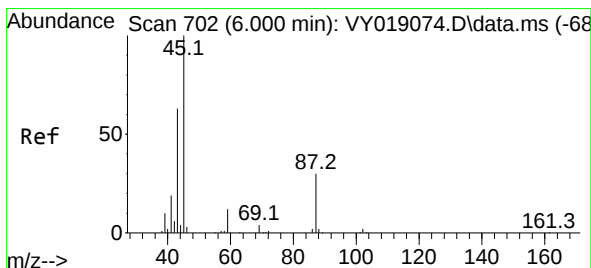
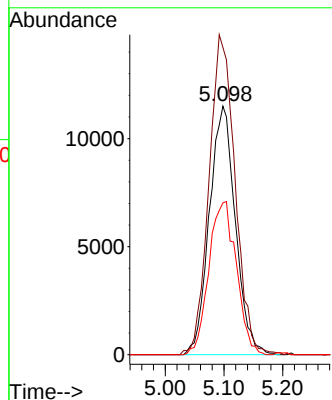
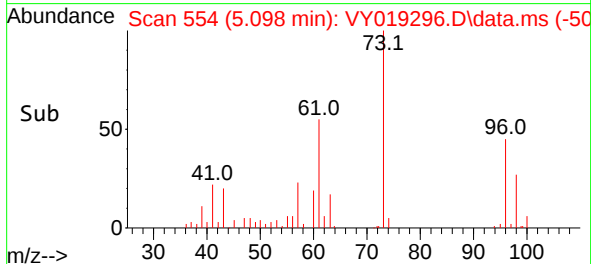


#21  
trans-1,2-Dichloroethene  
Concen: 57.961 ug/l  
RT: 5.098 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Instrument :  
MSVOA\_Y  
ClientSampleId :

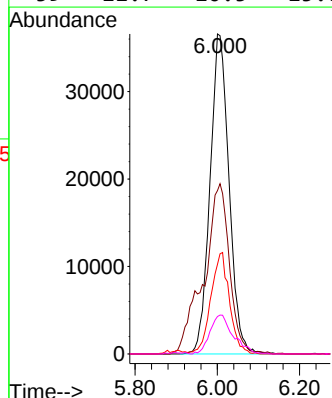
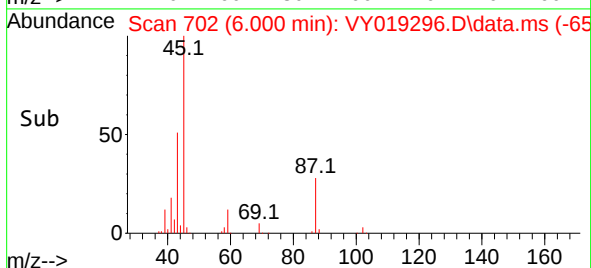
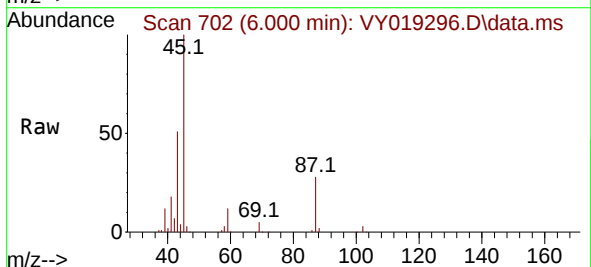


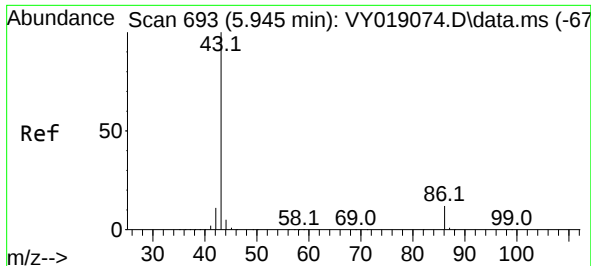
Tgt Ion: 96 Resp: 35384  
Ion Ratio Lower Upper  
96 100  
61 123.6 97.5 146.3  
98 61.1 50.5 75.7



#22  
Diisopropyl ether  
Concen: 70.731 ug/l  
RT: 6.000 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 45 Resp: 117637  
Ion Ratio Lower Upper  
45 100  
43 50.8 42.2 63.2  
87 28.0 25.0 37.6  
59 11.7 10.5 15.7

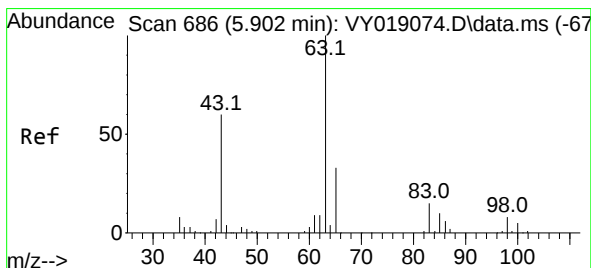
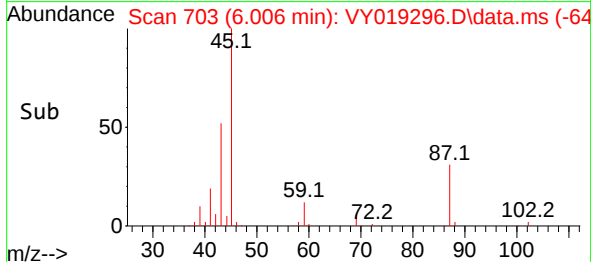
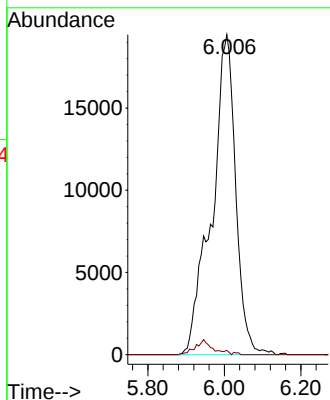
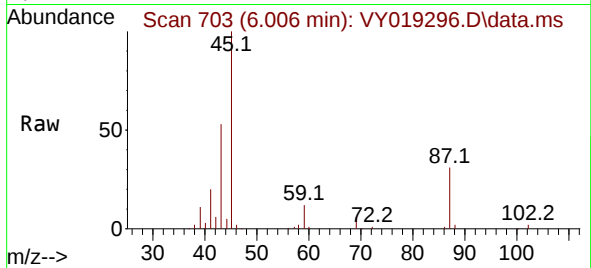




#23  
 Vinyl Acetate  
 Concen: 64.115 ug/l  
 RT: 6.006 min Scan# 70  
 Delta R.T. 0.061 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

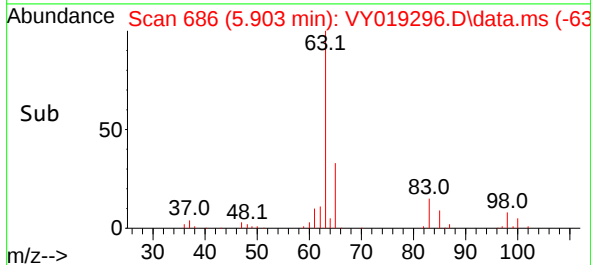
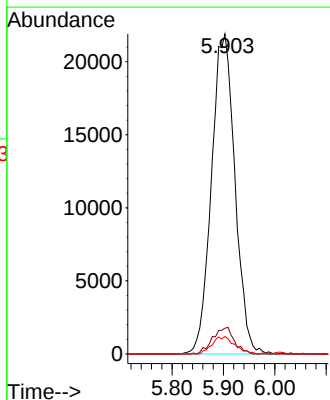
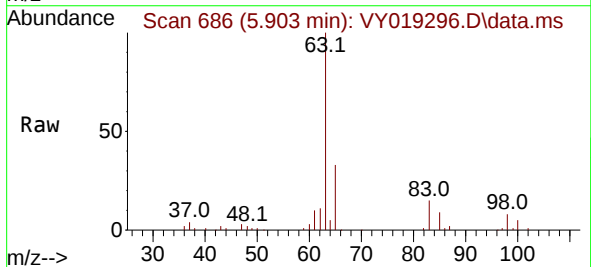
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

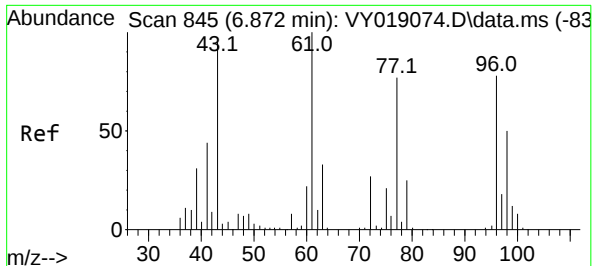
Tgt Ion: 43 Resp: 84423  
 Ion Ratio Lower Upper  
 43 100  
 86 1.3 10.6 16.0#



#24  
 1,1-Dichloroethane  
 Concen: 68.175 ug/l  
 RT: 5.903 min Scan# 686  
 Delta R.T. 0.000 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

Tgt Ion: 63 Resp: 69341  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 4.0 12.2  
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 327.806 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

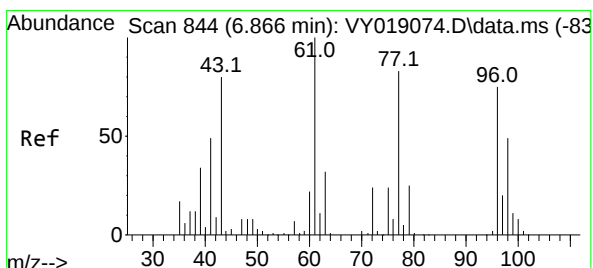
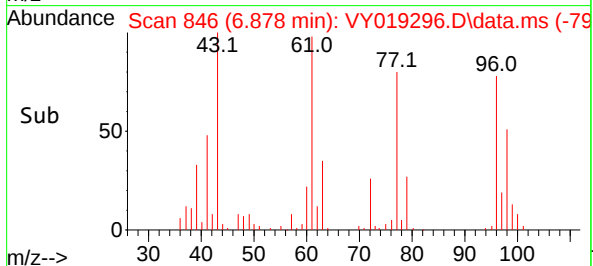
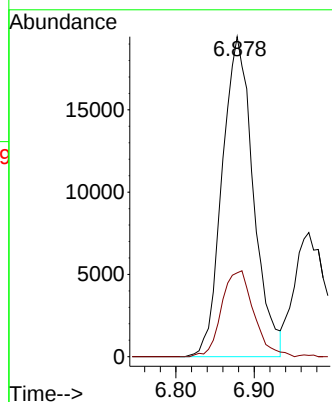
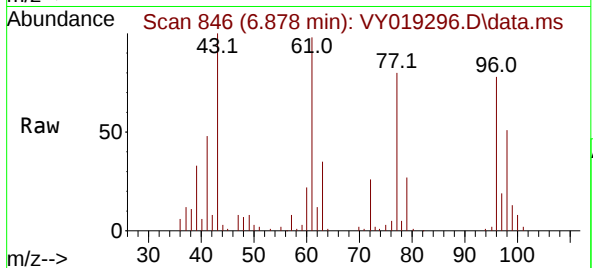
ClientSampleId :

Tgt Ion: 43 Resp: 53762

Ion Ratio Lower Upper

43 100

72 26.4 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 61.884 ug/l

RT: 6.866 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY019296.D

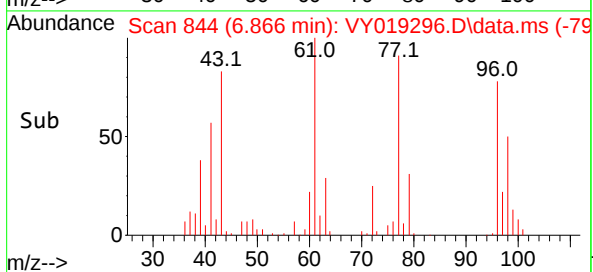
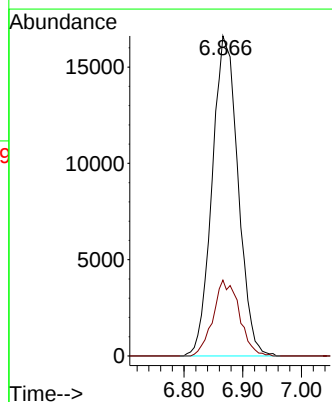
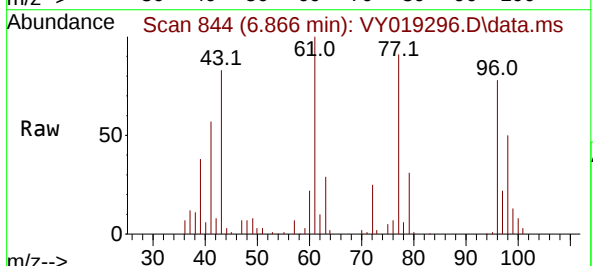
Acq: 27 Aug 2024 19:19

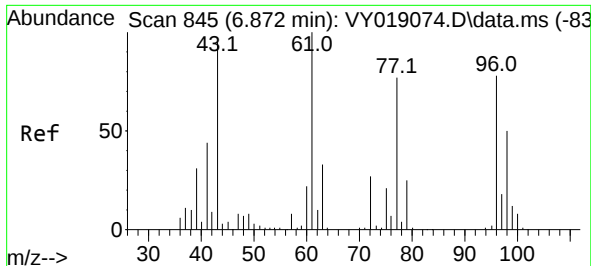
Tgt Ion: 77 Resp: 50969

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1

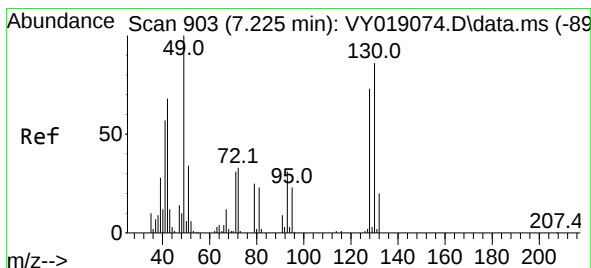
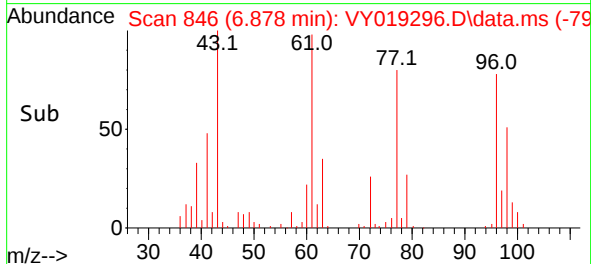
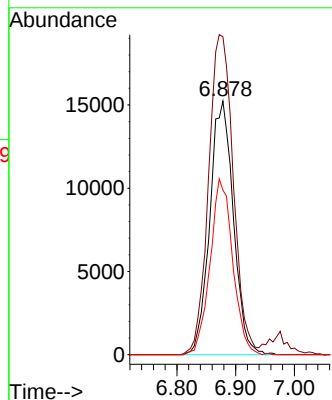
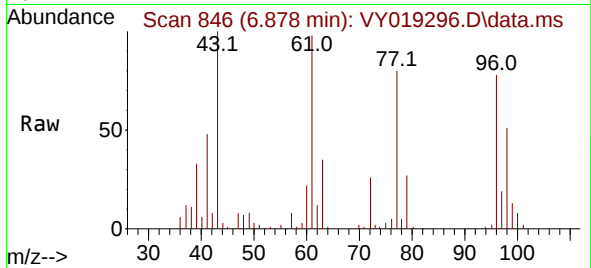




#27  
 cis-1,2-Dichloroethene  
 Concen: 59.158 ug/l  
 RT: 6.878 min Scan# 845  
 Delta R.T. 0.006 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

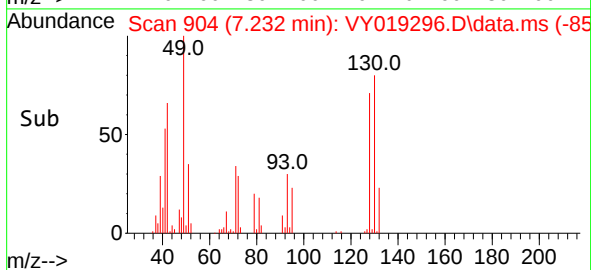
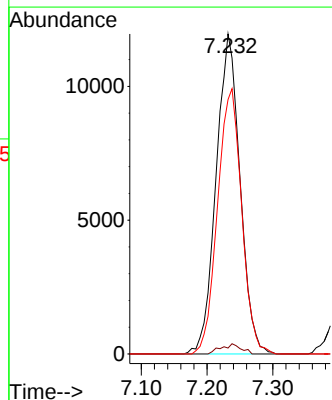
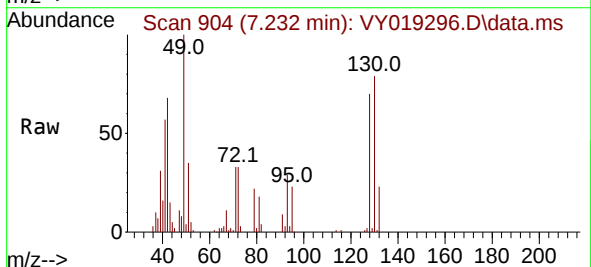
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

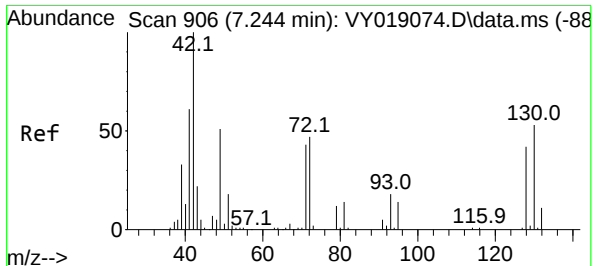
Tgt Ion: 96 Resp: 42501  
 Ion Ratio Lower Upper  
 96 100  
 61 132.3 0.0 256.2  
 98 66.4 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 70.950 ug/l  
 RT: 7.232 min Scan# 904  
 Delta R.T. 0.006 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

Tgt Ion: 49 Resp: 30271  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 4.6  
 130 83.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 353.362 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

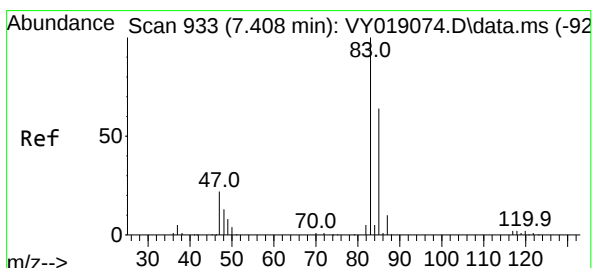
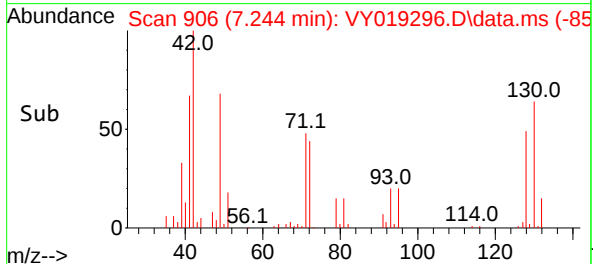
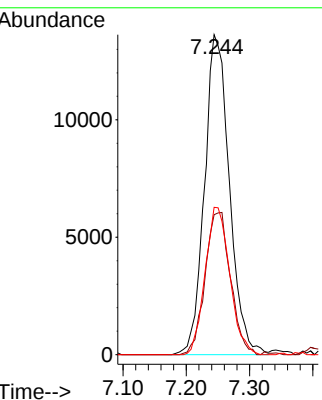
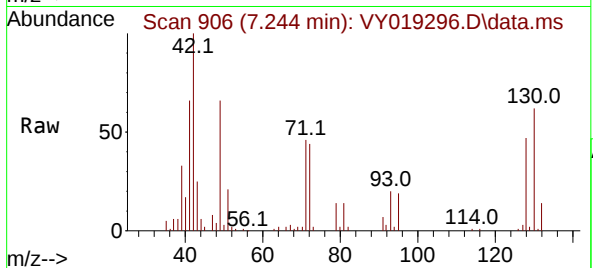
Tgt Ion: 42 Resp: 37254

Ion Ratio Lower Upper

42 100

72 45.3 43.0 64.4

71 45.4 40.8 61.2



#30

Chloroform

Concen: 64.456 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019296.D

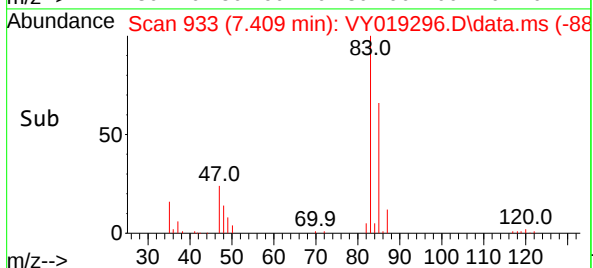
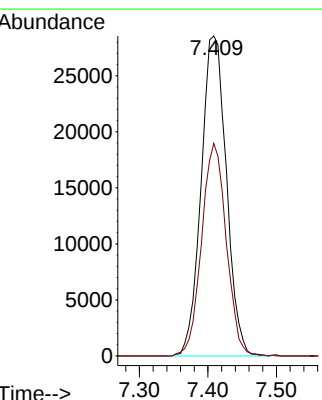
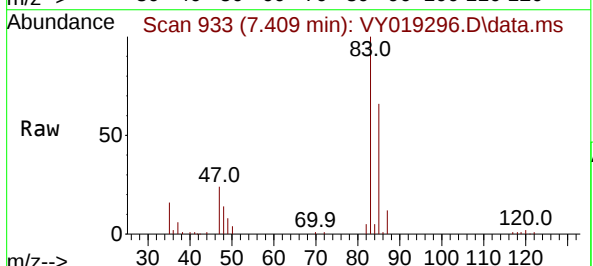
Acq: 27 Aug 2024 19:19

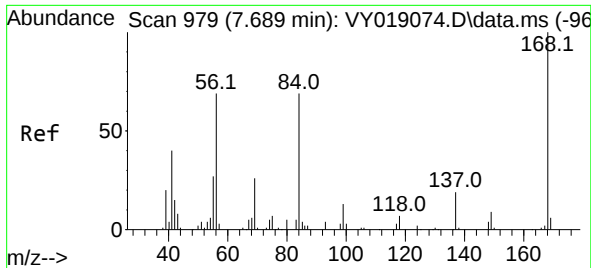
Tgt Ion: 83 Resp: 73050

Ion Ratio Lower Upper

83 100

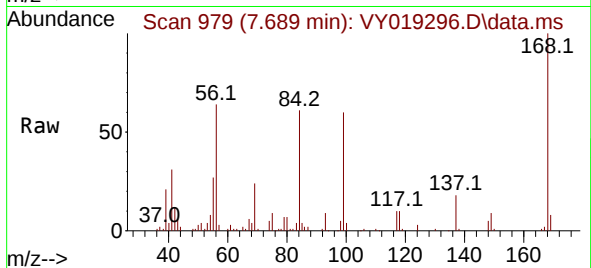
85 66.4 52.2 78.4



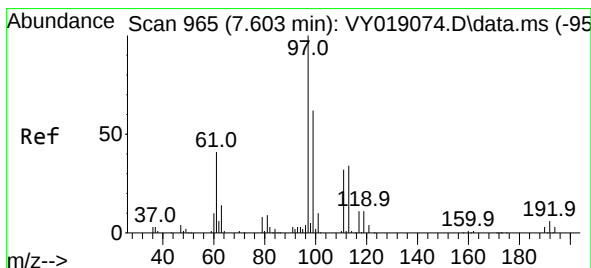
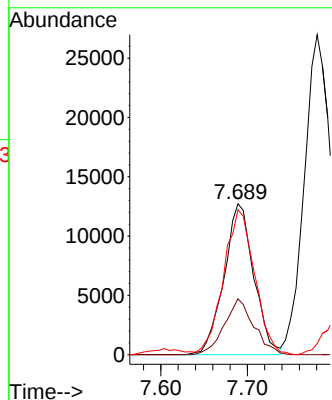
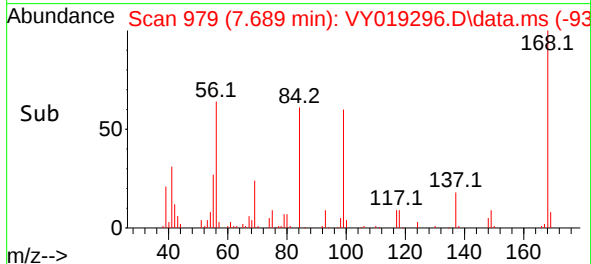


#31  
Cyclohexane  
Concen: 37.601 ug/l  
RT: 7.689 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

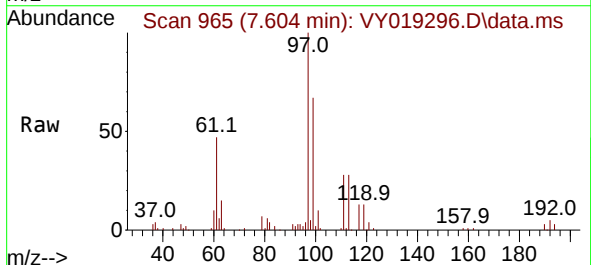
Instrument :  
MSVOA\_Y  
ClientSampleId :



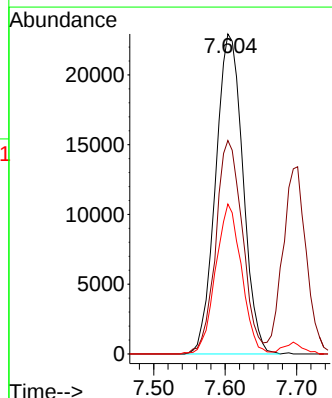
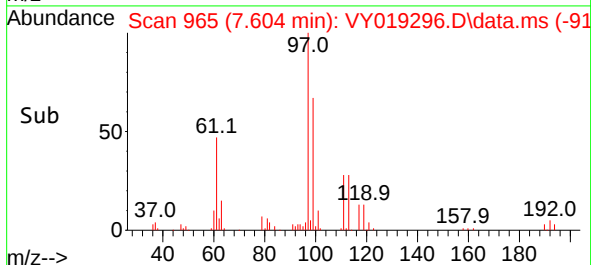
Tgt Ion: 56 Resp: 30369  
Ion Ratio Lower Upper  
56 100  
69 37.0 28.7 43.1  
84 94.1 77.7 116.5

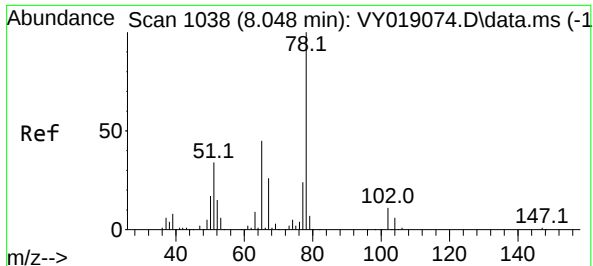


#32  
1,1,1-Trichloroethane  
Concen: 61.145 ug/l  
RT: 7.604 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19



Tgt Ion: 97 Resp: 60900  
Ion Ratio Lower Upper  
97 100  
99 65.0 50.3 75.5  
61 44.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 68.250 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

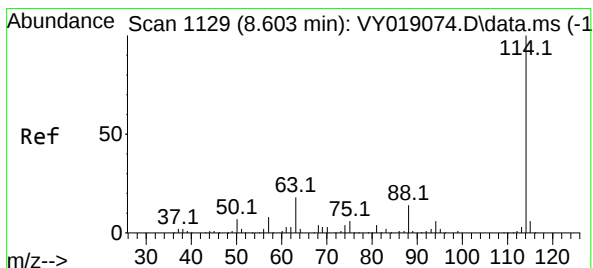
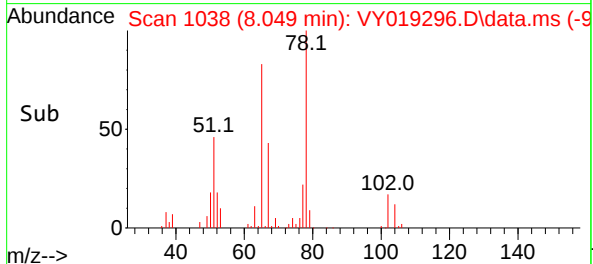
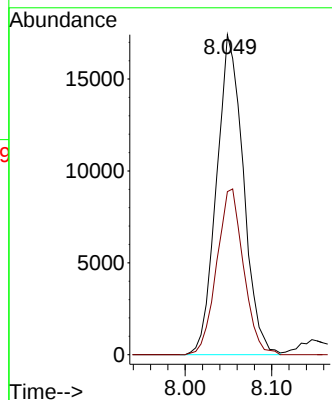
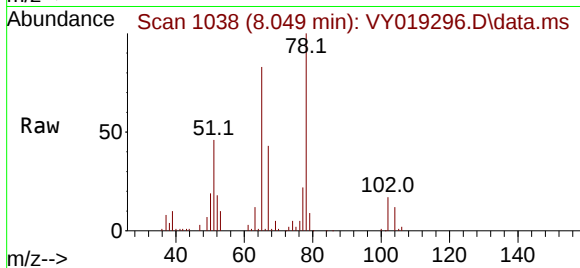
ClientSampleId :

Tgt Ion: 65 Resp: 37478

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

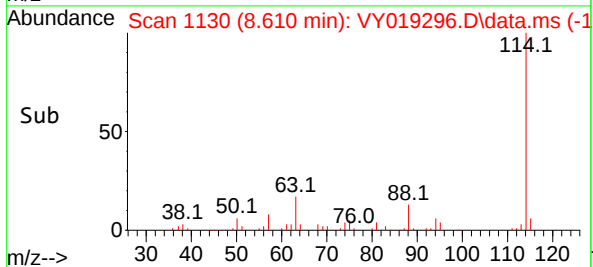
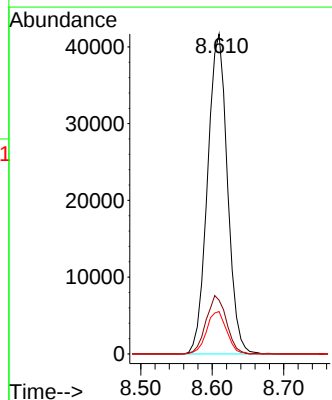
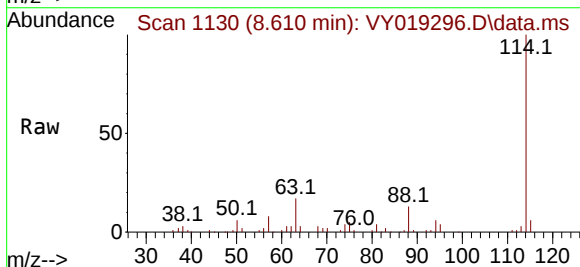
Tgt Ion: 114 Resp: 80425

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

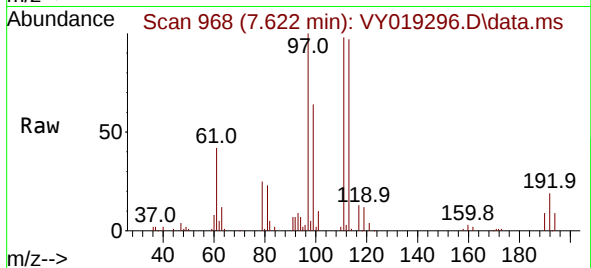
88 13.3 0.0 27.2



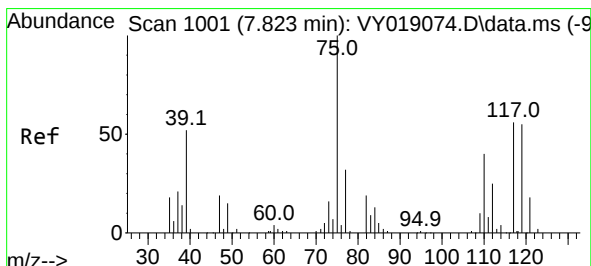
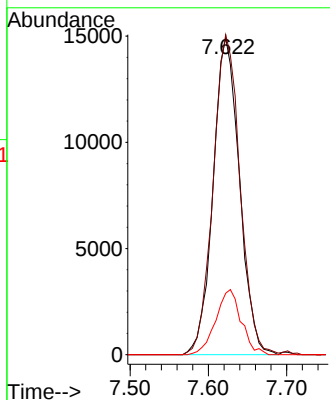
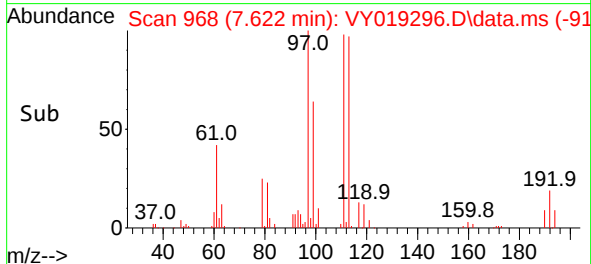


#35  
Dibromofluoromethane  
Concen: 66.378 ug/l  
RT: 7.622 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

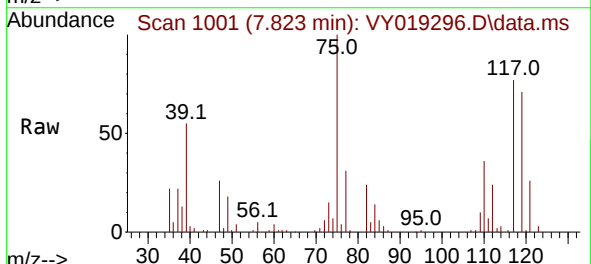
Instrument :  
MSVOA\_Y  
ClientSampleId :



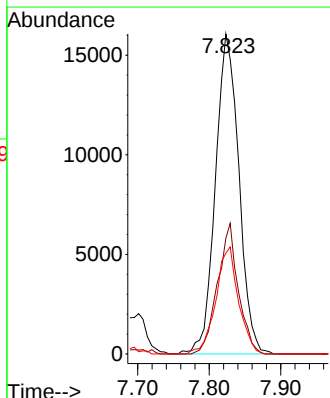
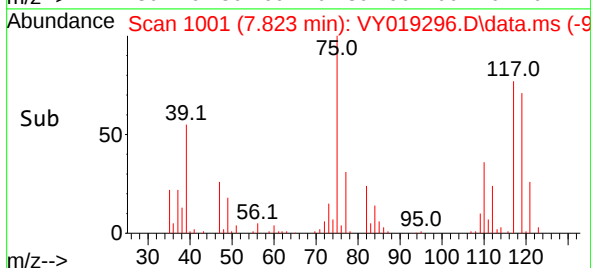
Tgt Ion:113 Resp: 34906  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.4  
192 19.9 15.9 23.9

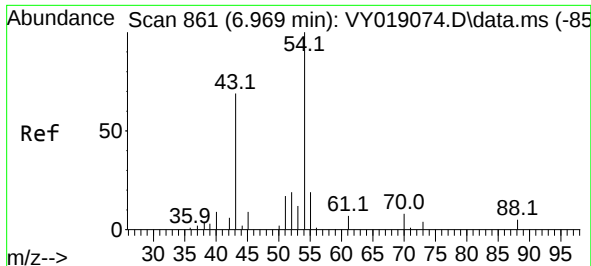


#36  
1,1-Dichloropropene  
Concen: 50.747 ug/l  
RT: 7.823 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19



Tgt Ion: 75 Resp: 36645  
Ion Ratio Lower Upper  
75 100  
110 36.1 19.0 57.0  
77 32.3 25.3 37.9





#37

Ethyl Acetate

Concen: 65.155 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

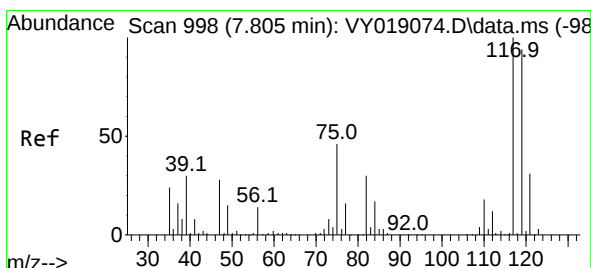
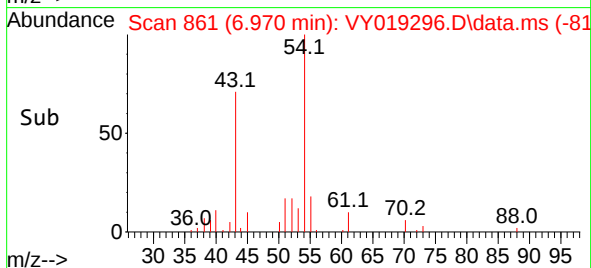
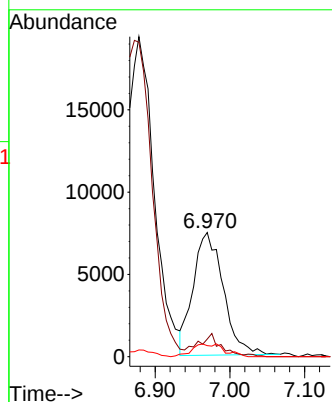
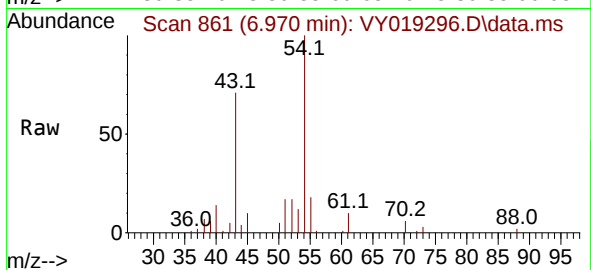
Tgt Ion: 43 Resp: 20845

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 58.551 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

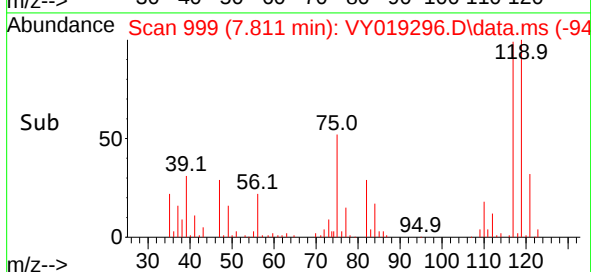
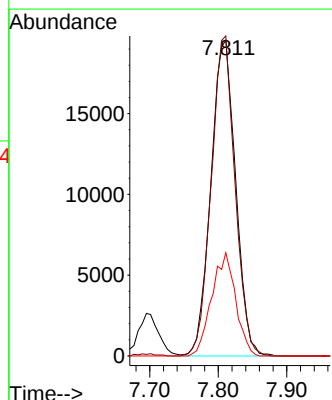
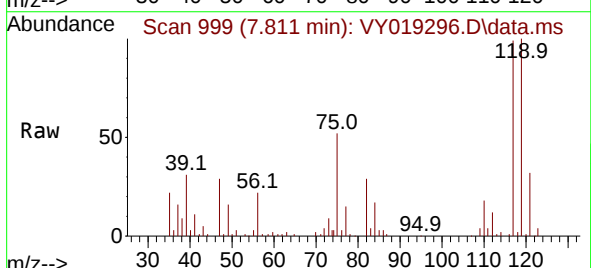
Tgt Ion: 117 Resp: 48998

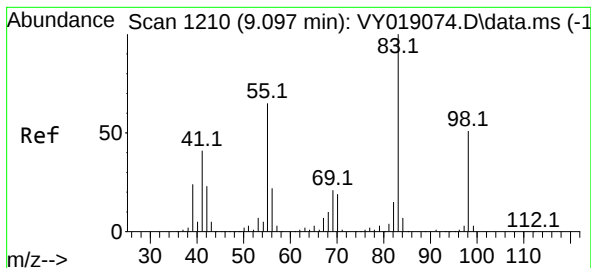
Ion Ratio Lower Upper

117 100

119 101.4 75.8 113.6

121 32.7 24.0 36.0





#39

Methylcyclohexane

Concen: 22.001 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

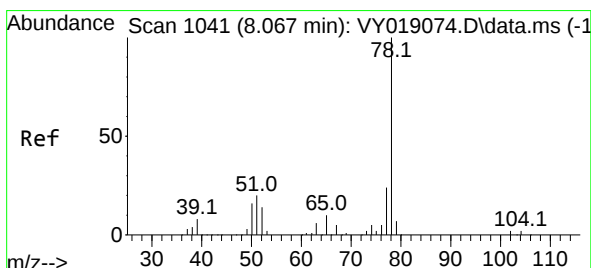
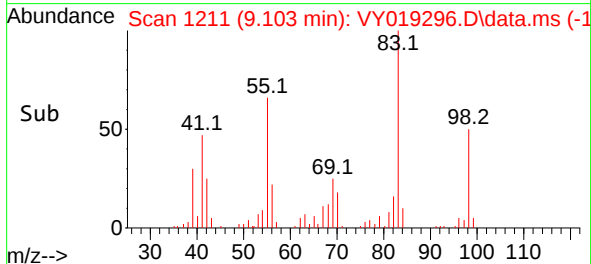
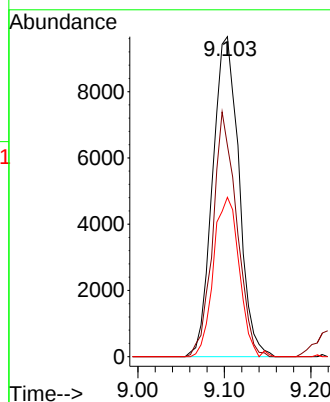
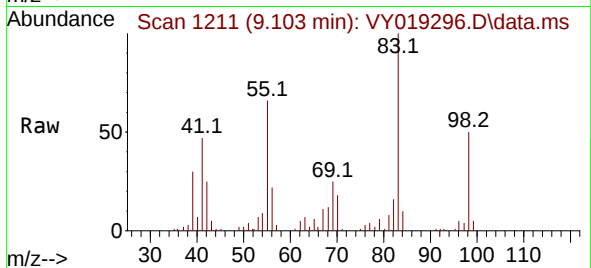
Tgt Ion: 83 Resp: 20388

Ion Ratio Lower Upper

83 100

55 66.0 51.5 77.3

98 49.8 40.5 60.7



#40

Benzene

Concen: 63.460 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY019296.D

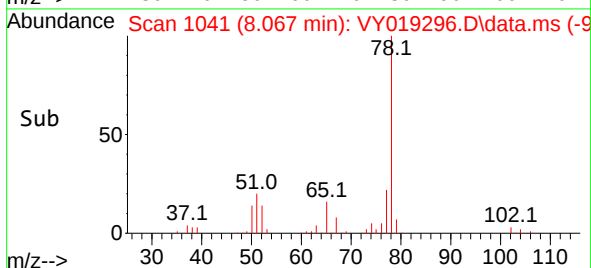
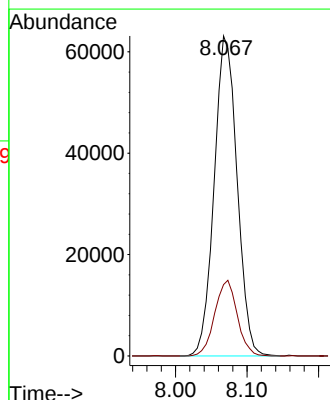
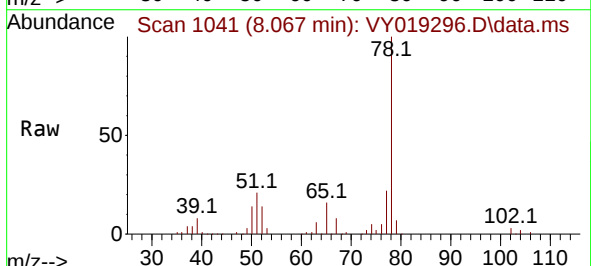
Acq: 27 Aug 2024 19:19

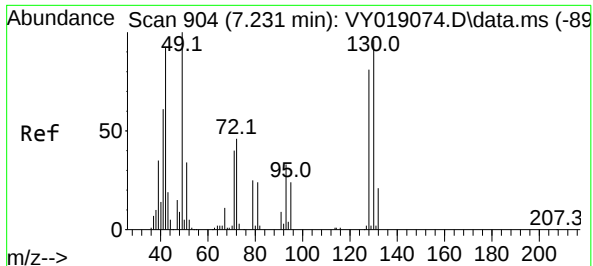
Tgt Ion: 78 Resp: 140543

Ion Ratio Lower Upper

78 100

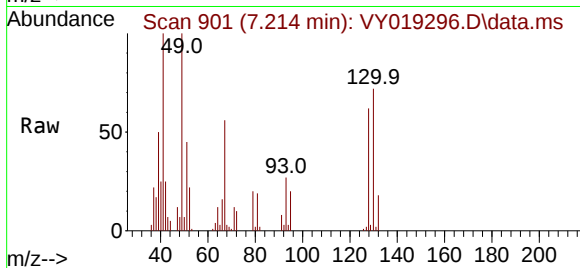
77 22.3 19.5 29.3



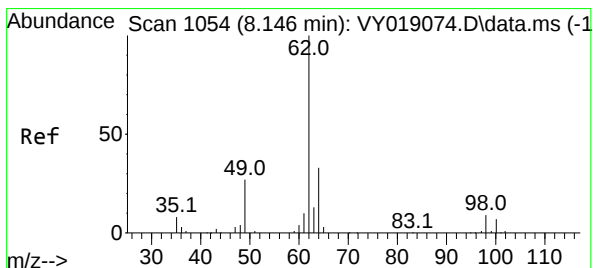
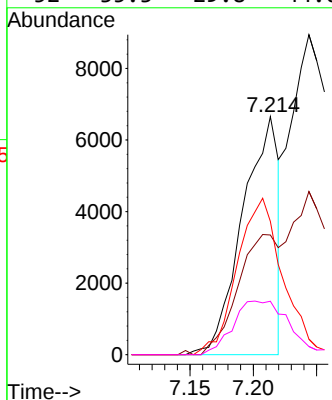
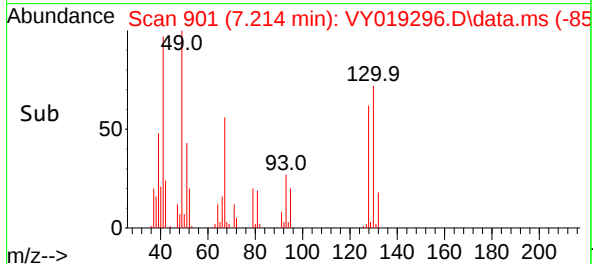


#41  
Methacrylonitrile  
Concen: 75.478 ug/l  
RT: 7.214 min Scan# 901  
Delta R.T. -0.018 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Instrument :  
MSVOA\_Y  
ClientSampleId :

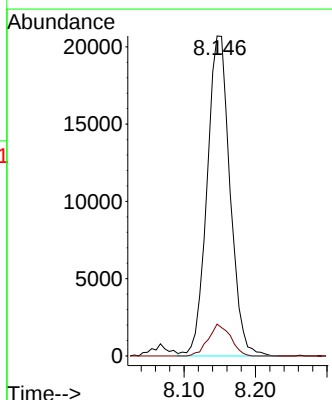
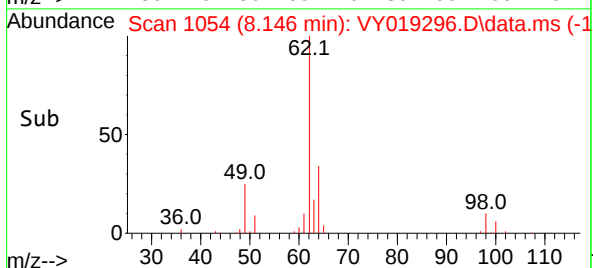
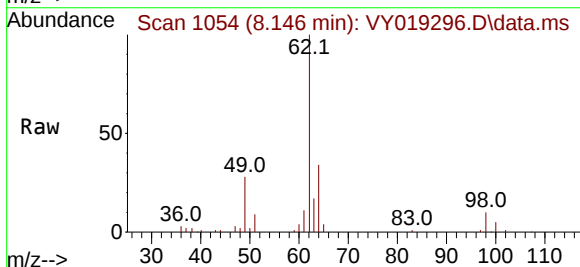


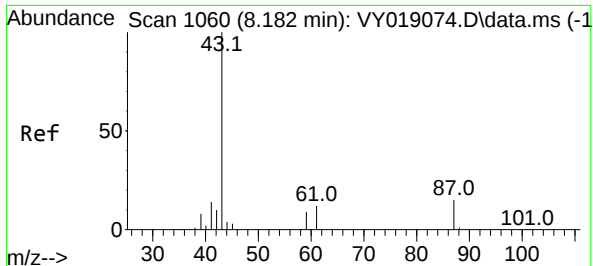
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 13180 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.9  | 48.0  | 72.0  |
| 67       | 84.1  | 75.1  | 112.7 |
| 52       | 35.3  | 29.8  | 44.6  |



#42  
1,2-Dichloroethane  
Concen: 77.241 ug/l  
RT: 8.146 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 46194 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.6   | 0.0   | 22.0  |





#43

Isopropyl Acetate

Concen: 66.234 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

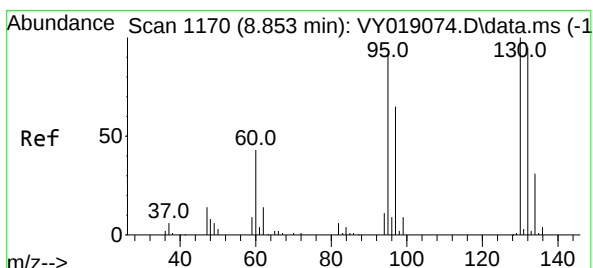
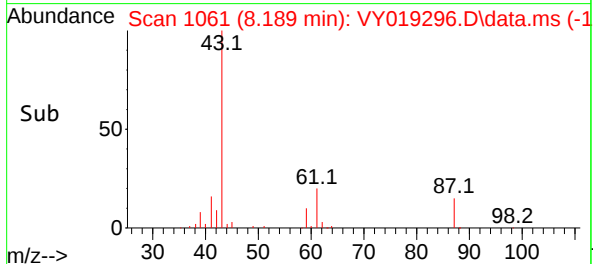
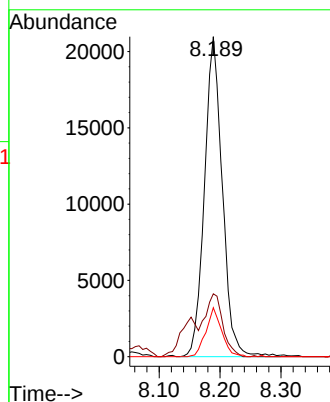
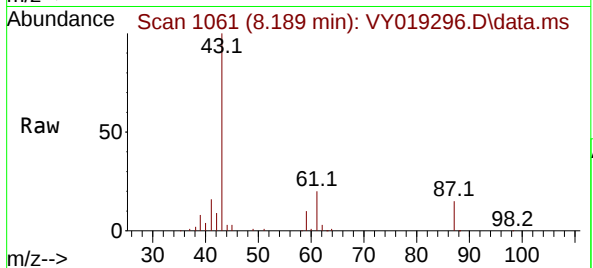
Tgt Ion: 43 Resp: 42855

Ion Ratio Lower Upper

43 100

61 19.6 27.9 41.9#

87 13.5 13.1 19.7



#44

Trichloroethene

Concen: 46.353 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019296.D

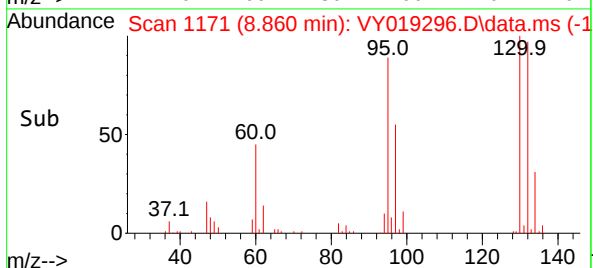
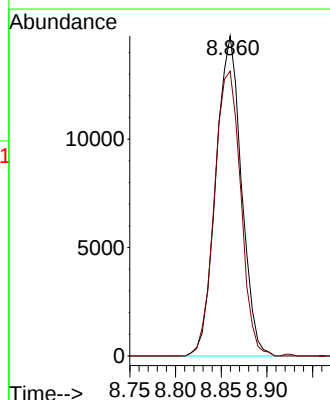
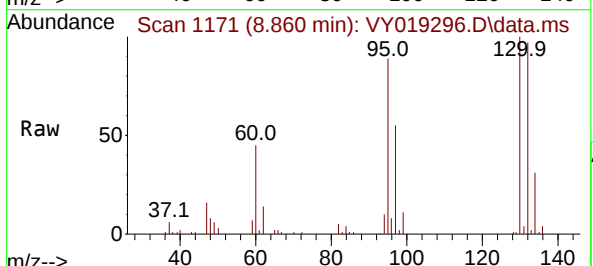
Acq: 27 Aug 2024 19:19

Tgt Ion:130 Resp: 28644

Ion Ratio Lower Upper

130 100

95 89.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 63.952 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

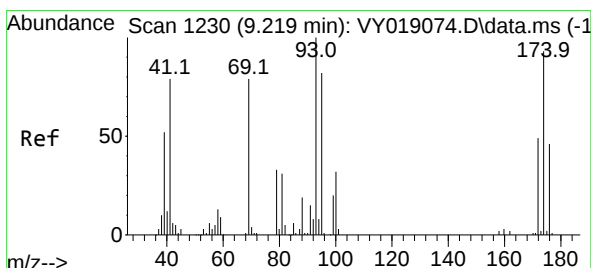
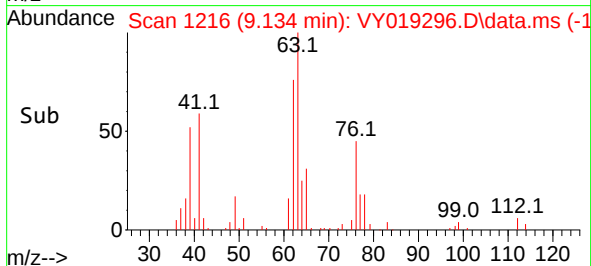
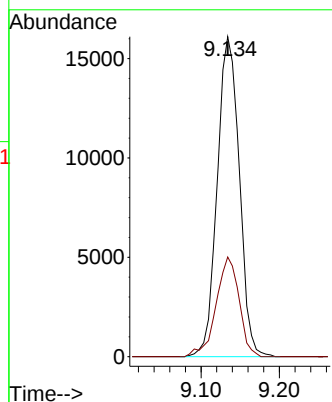
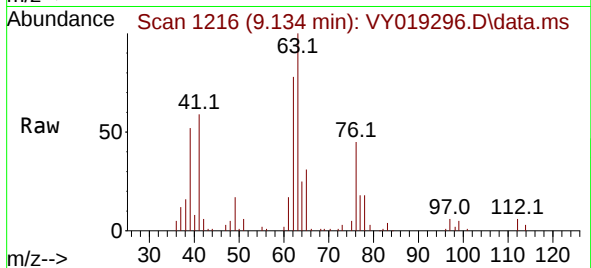
ClientSampleId :

Tgt Ion: 63 Resp: 31556

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 55.590 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

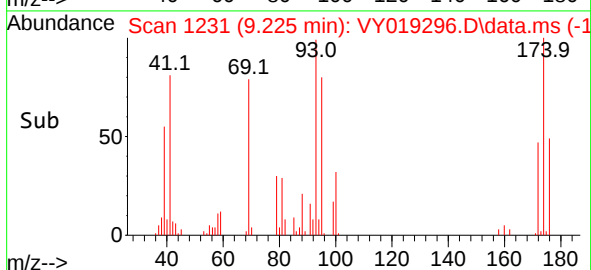
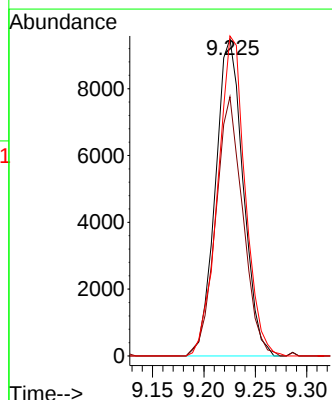
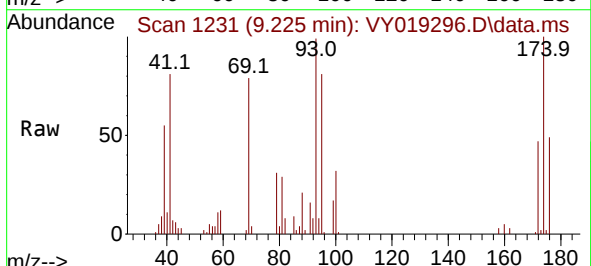
Tgt Ion: 93 Resp: 17791

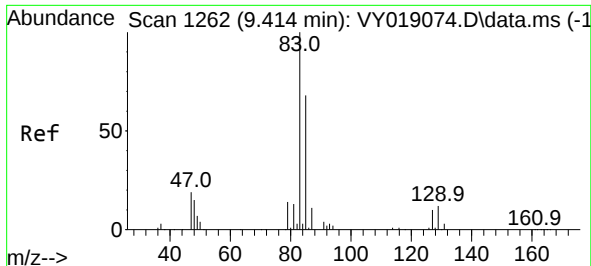
Ion Ratio Lower Upper

93 100

95 80.1 66.2 99.4

174 99.8 80.9 121.3

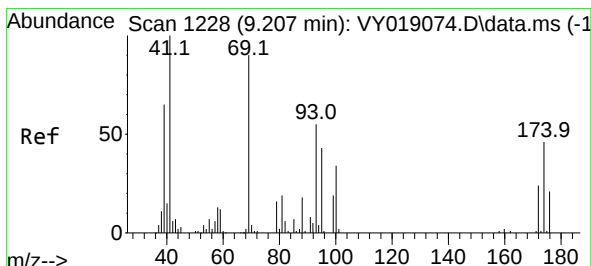
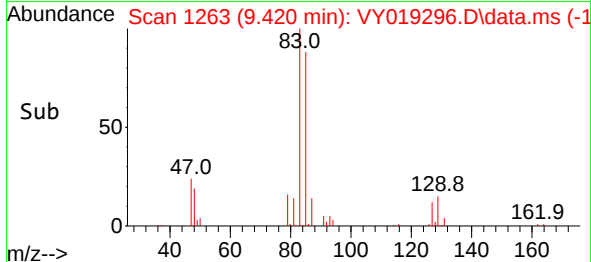
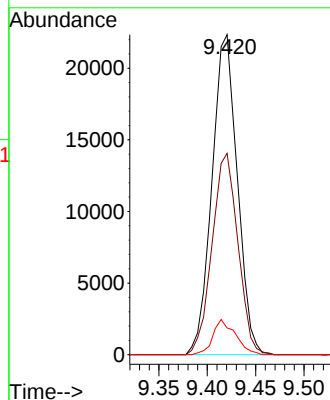
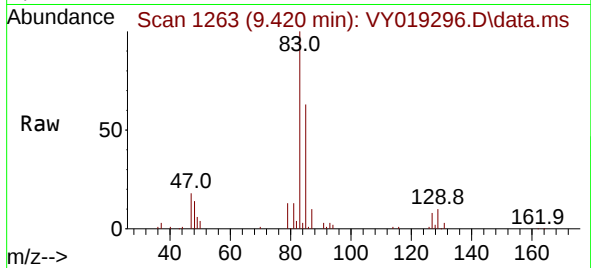




#47  
Bromodichloromethane  
Concen: 51.839 ug/l  
RT: 9.420 min Scan# 1263  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

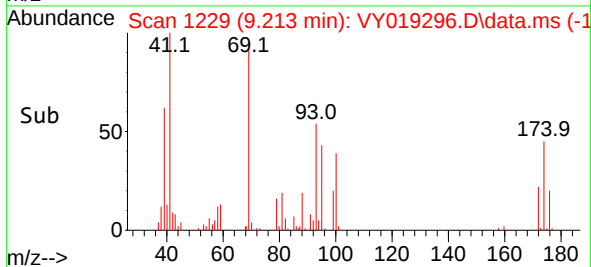
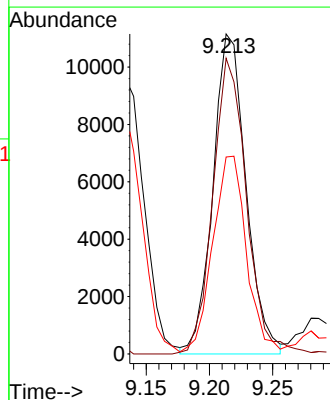
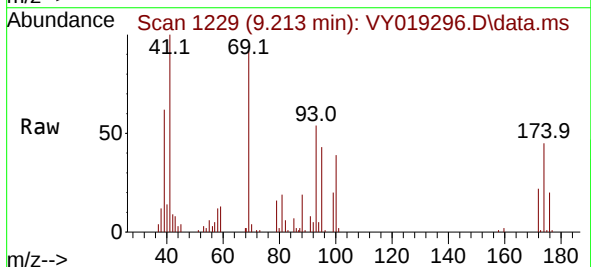
Instrument :  
MSVOA\_Y  
ClientSampleId :

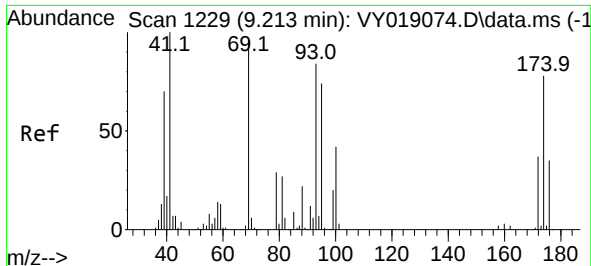
Tgt Ion: 83 Resp: 40703  
Ion Ratio Lower Upper  
83 100  
85 62.9 50.1 75.1  
127 8.4 7.4 11.0



#48  
Methyl methacrylate  
Concen: 70.295 ug/l  
RT: 9.213 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 41 Resp: 20270  
Ion Ratio Lower Upper  
41 100  
69 94.1 84.1 126.1  
39 63.2 43.6 65.4





#49

1,4-Dioxane

Concen: 1216.713 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

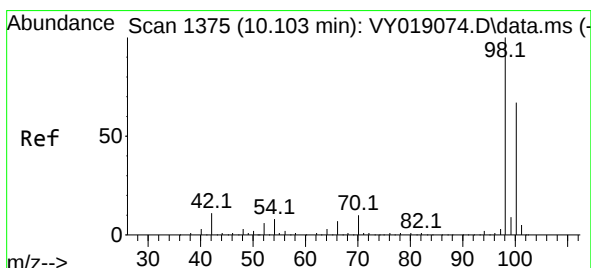
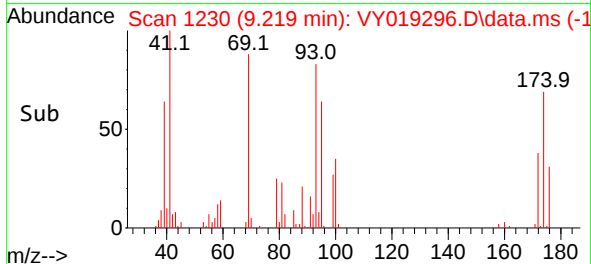
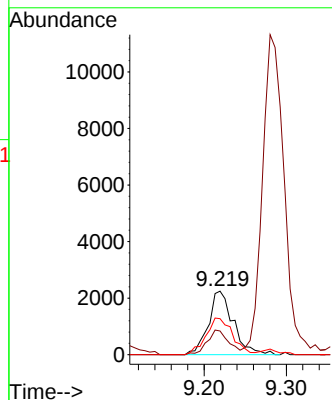
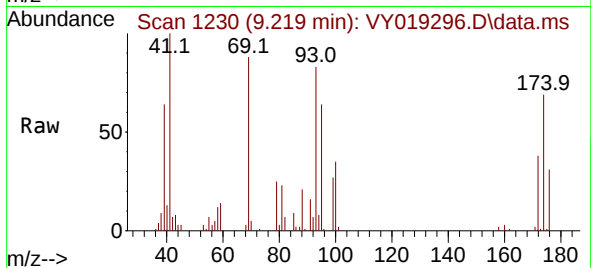
Tgt Ion: 88 Resp: 4717

Ion Ratio Lower Upper

88 100

43 33.7 0.0 0.0#

58 61.7 49.3 73.9



#50

Toluene-d8

Concen: 38.348 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019296.D

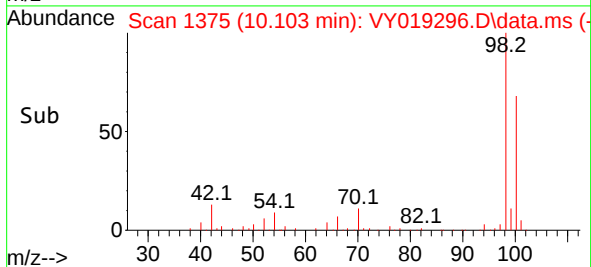
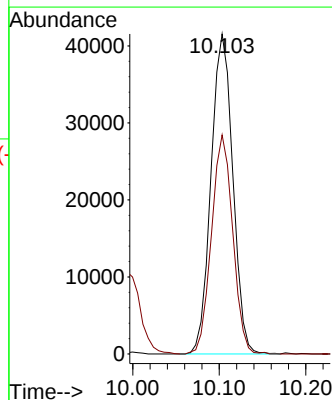
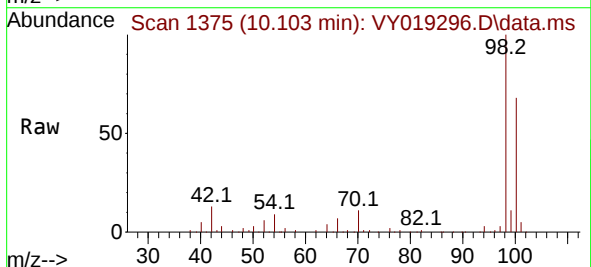
Acq: 27 Aug 2024 19:19

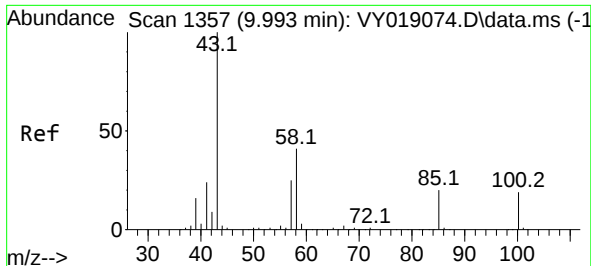
Tgt Ion: 98 Resp: 72571

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 297.907 ug/l

RT: 9.994 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

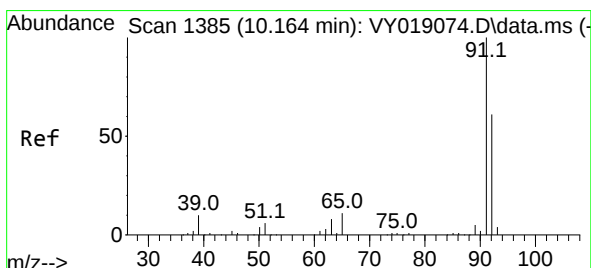
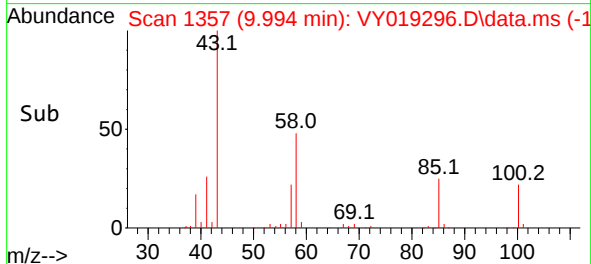
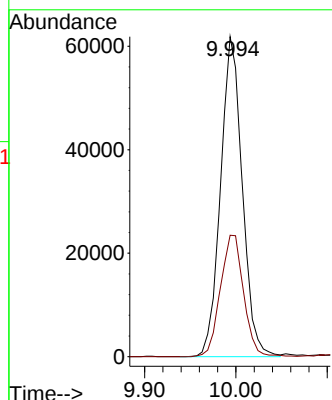
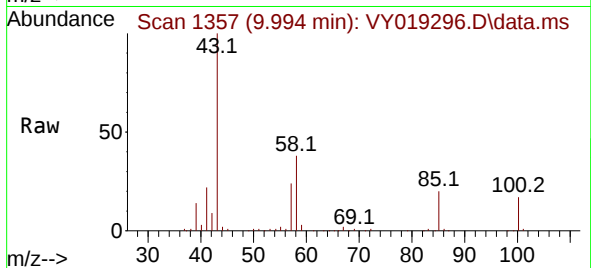
ClientSampleId :

Tgt Ion: 43 Resp: 102305

Ion Ratio Lower Upper

43 100

58 40.6 35.7 53.5



#52

Toluene

Concen: 38.392 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019296.D

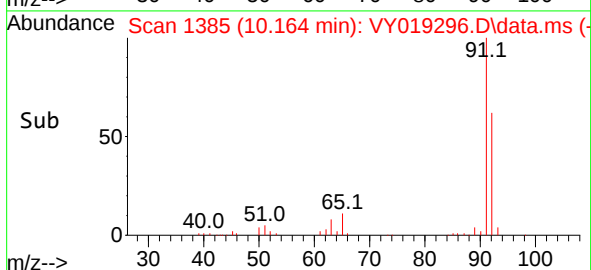
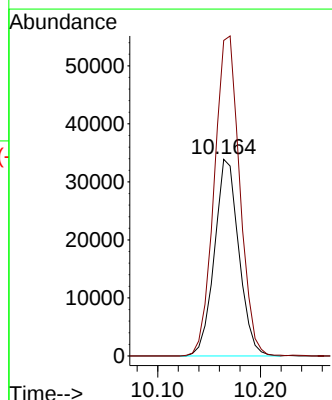
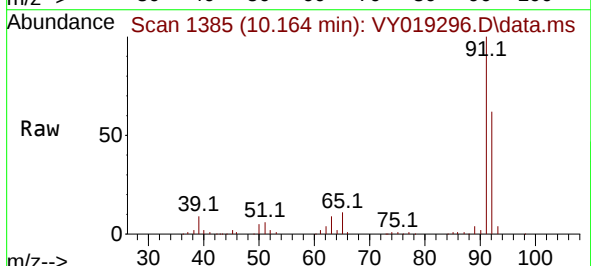
Acq: 27 Aug 2024 19:19

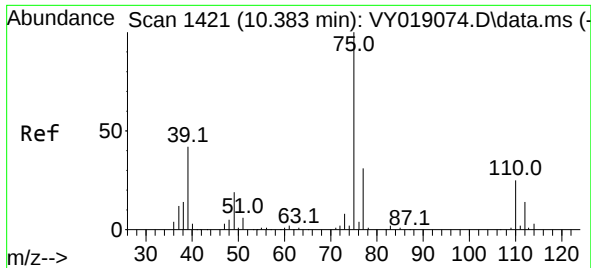
Tgt Ion: 92 Resp: 55812

Ion Ratio Lower Upper

92 100

91 169.7 139.0 208.6

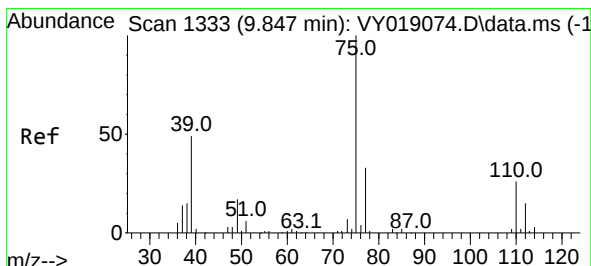
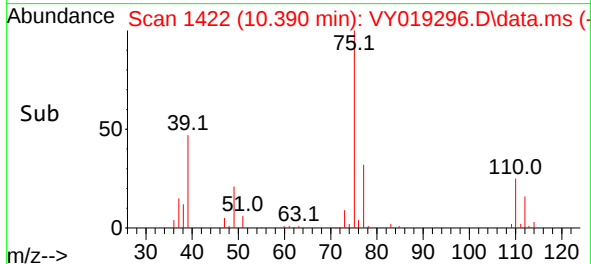
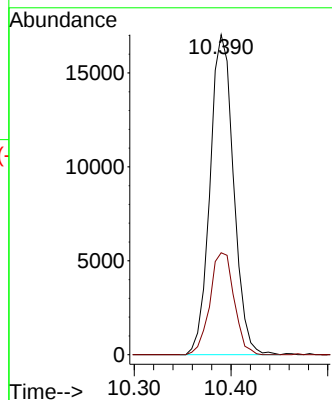
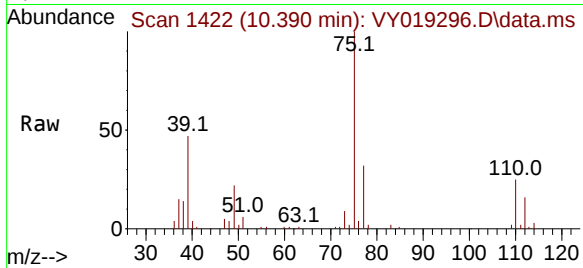




#53  
 t-1,3-Dichloropropene  
 Concen: 44.241 ug/l  
 RT: 10.390 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

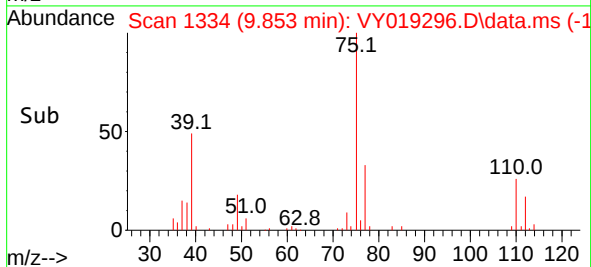
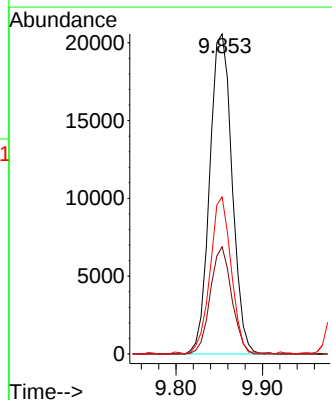
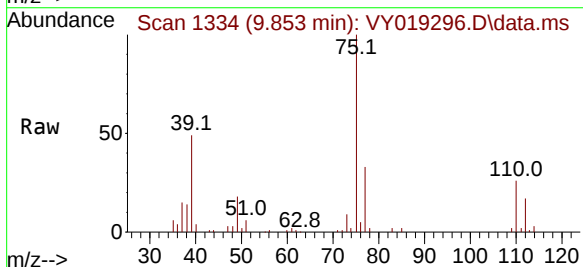
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

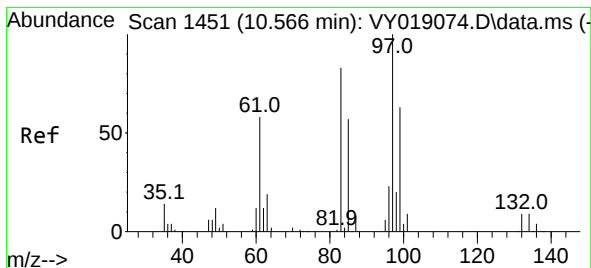
Tgt Ion: 75 Resp: 28816  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.130 ug/l  
 RT: 9.853 min Scan# 1334  
 Delta R.T. 0.006 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

Tgt Ion: 75 Resp: 36918  
 Ion Ratio Lower Upper  
 75 100  
 77 33.5 25.4 38.0  
 39 48.6 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.216 ug/l

RT: 10.567 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 21925

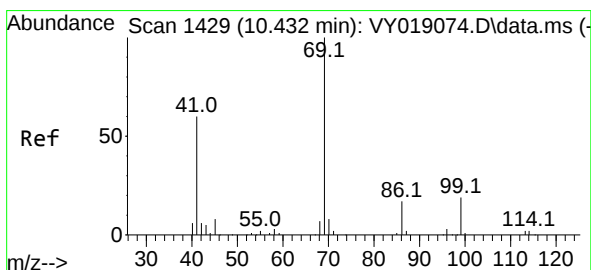
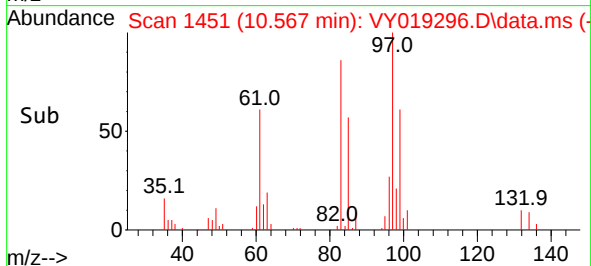
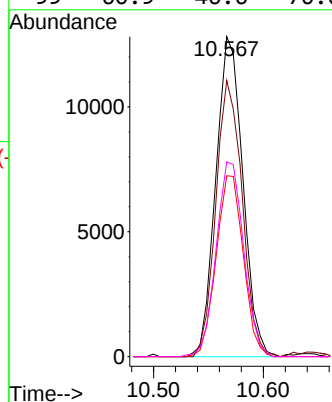
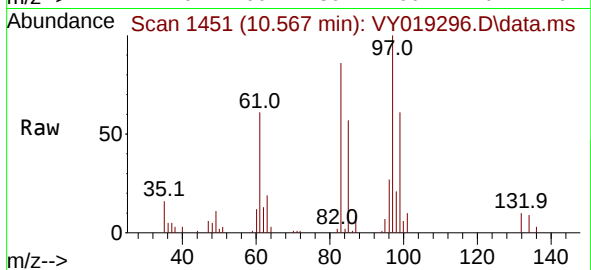
Ion Ratio Lower Upper

97 100

83 86.3 67.5 101.3

85 56.6 42.9 64.3

99 60.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 37.551 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

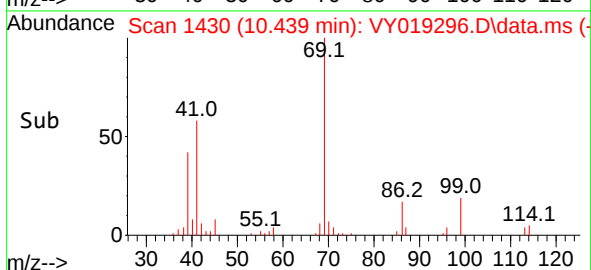
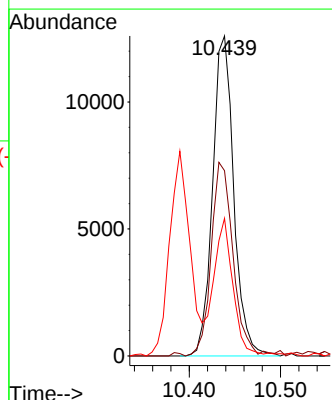
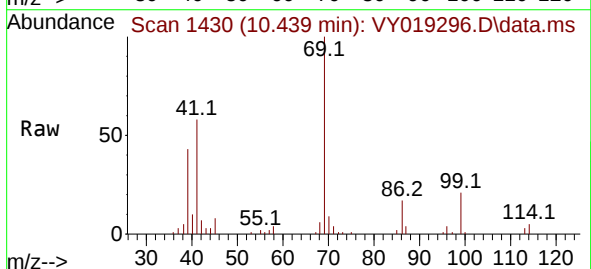
Tgt Ion: 69 Resp: 20250

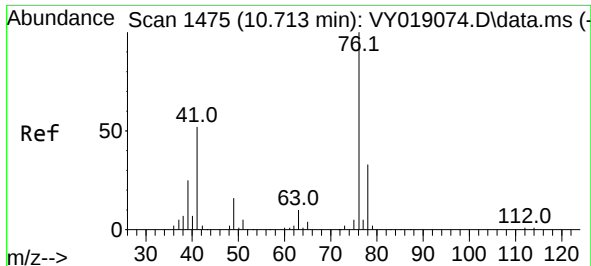
Ion Ratio Lower Upper

69 100

41 62.6 42.3 63.5

39 38.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 52.364 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

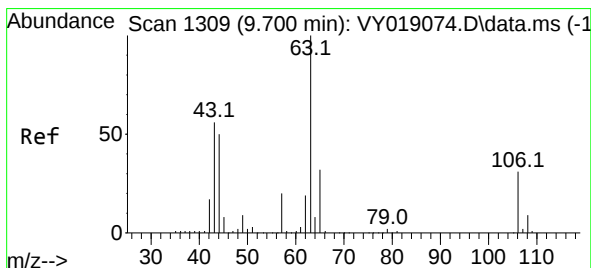
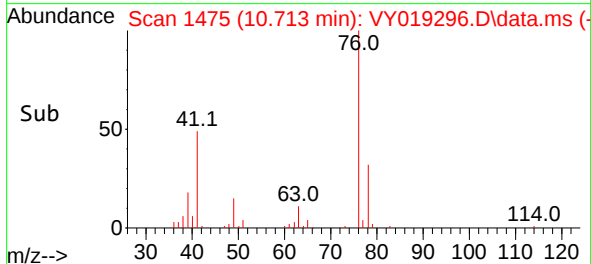
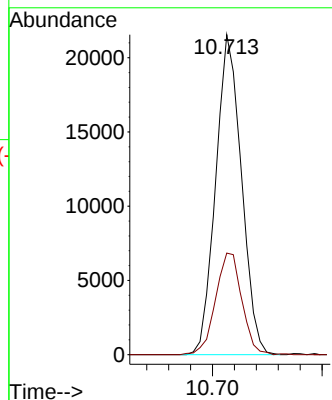
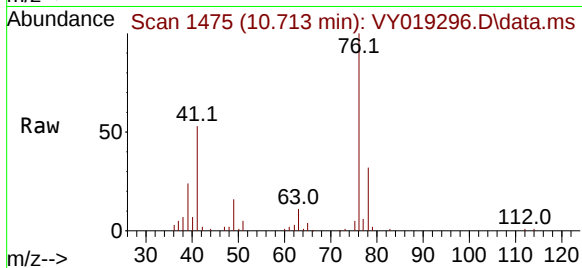
ClientSampleId :

Tgt Ion: 76 Resp: 35169

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 265.397 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.007 min

Lab File: VY019296.D

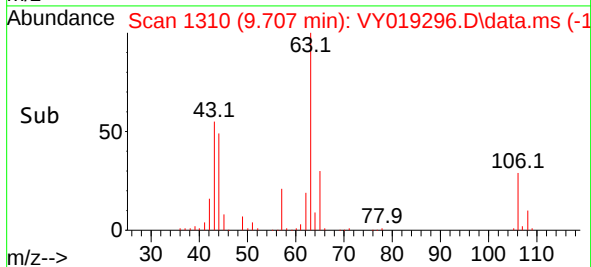
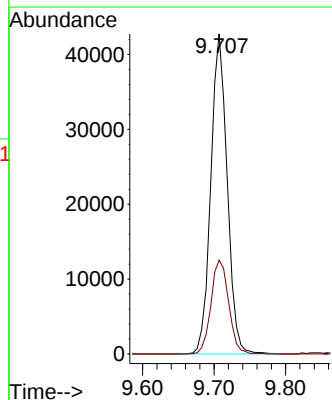
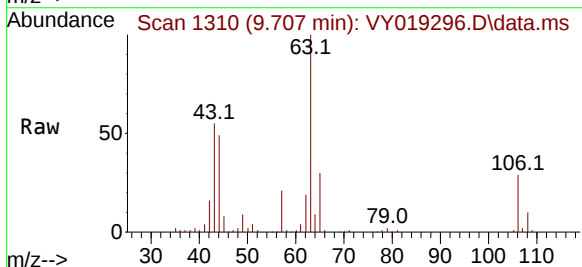
Acq: 27 Aug 2024 19:19

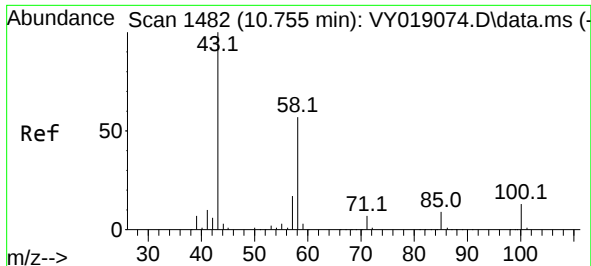
Tgt Ion: 63 Resp: 67896

Ion Ratio Lower Upper

63 100

106 31.6 23.7 35.5

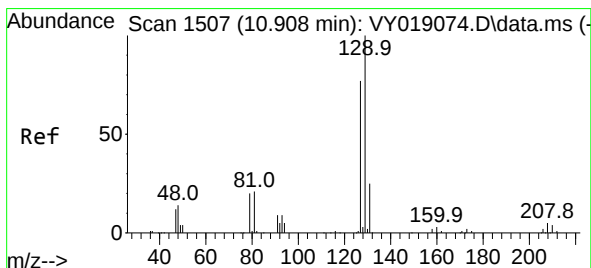
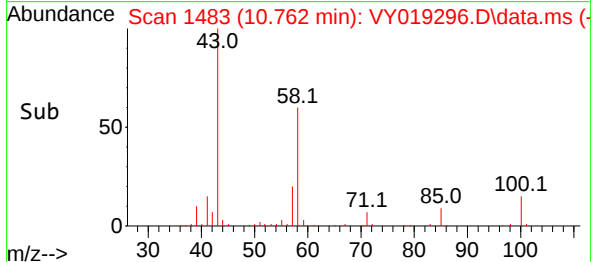
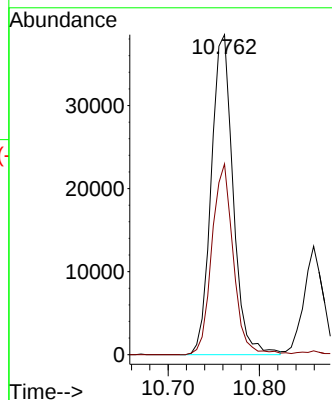
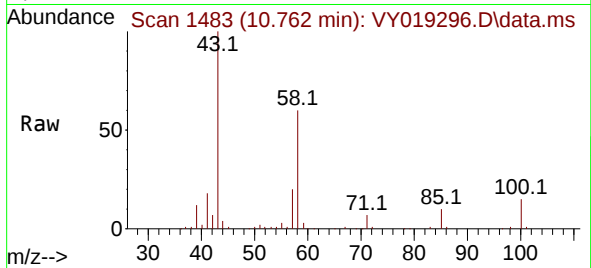




#59  
2-Hexanone  
Concen: 270.587 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.007 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

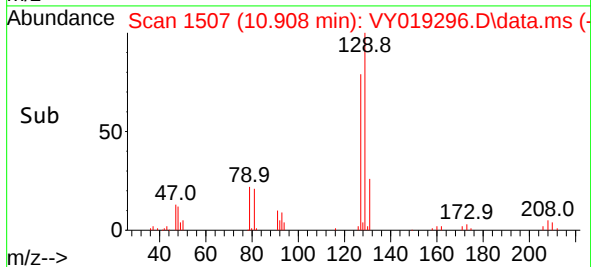
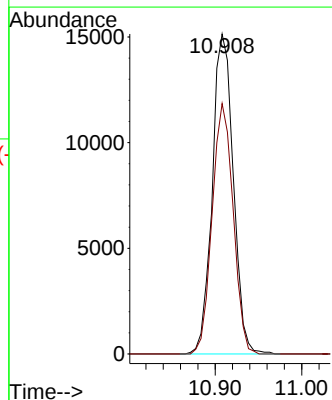
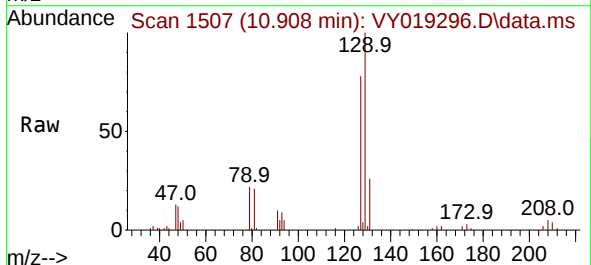
Instrument :  
MSVOA\_Y  
ClientSampleId :

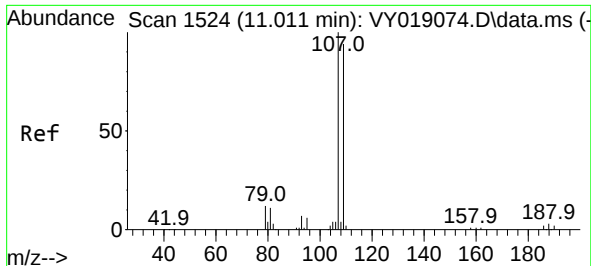
Tgt Ion: 43 Resp: 63840  
Ion Ratio Lower Upper  
43 100  
58 58.6 31.4 94.0



#60  
Dibromochloromethane  
Concen: 45.473 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 129 Resp: 25517  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.0 117.0

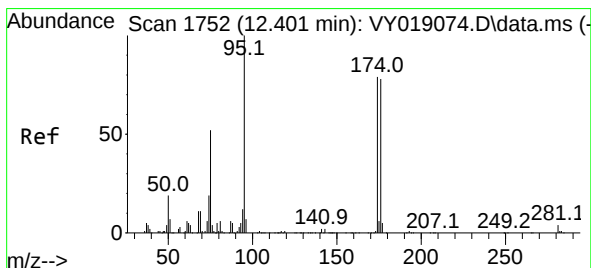
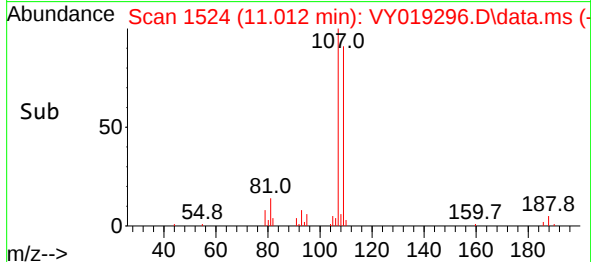
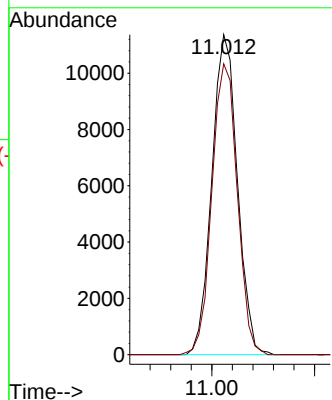
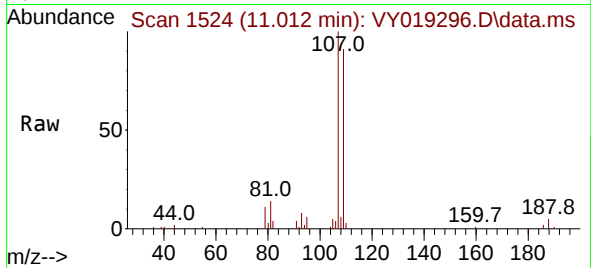




#61  
1,2-Dibromoethane  
Concen: 49.205 ug/l  
RT: 11.012 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

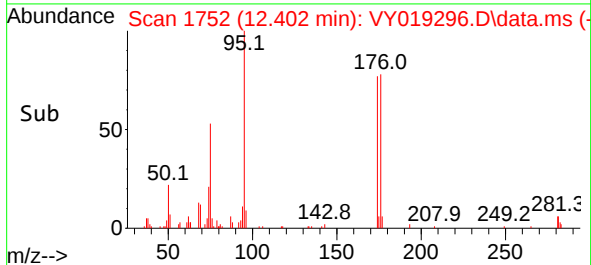
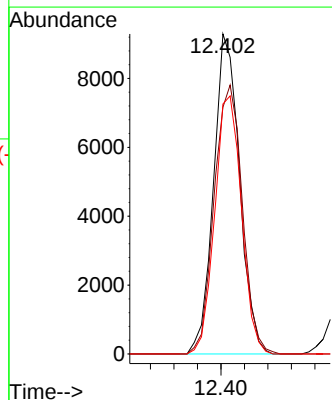
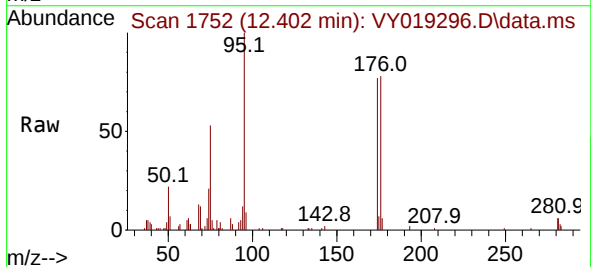
Instrument :  
MSVOA\_Y  
ClientSampleId :

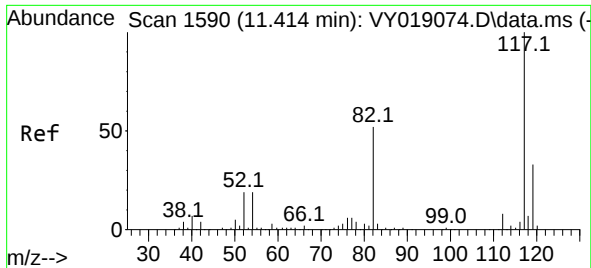
Tgt Ion:107 Resp: 19594  
Ion Ratio Lower Upper  
107 100  
109 90.4 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 22.073 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 95 Resp: 14240  
Ion Ratio Lower Upper  
95 100  
174 91.0 0.0 175.6  
176 83.1 0.0 171.4

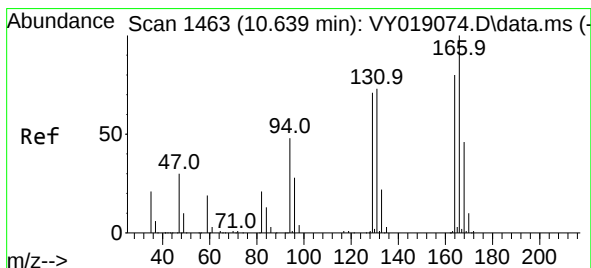
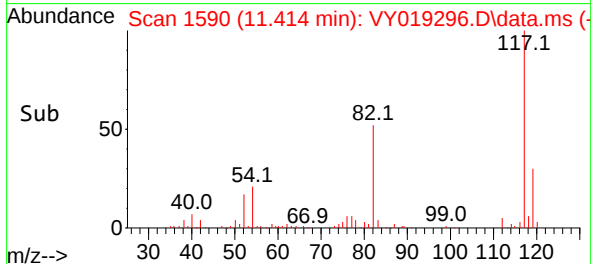
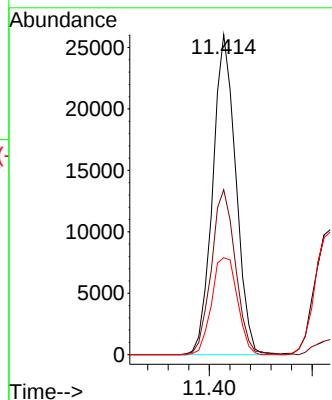
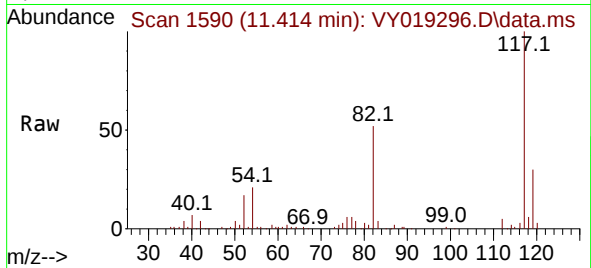




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

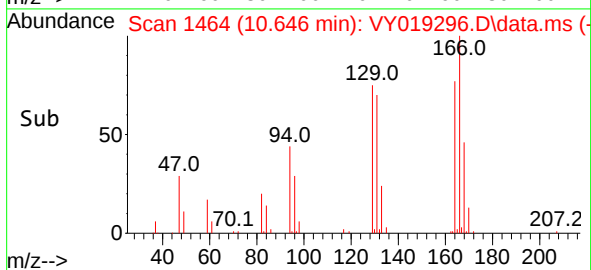
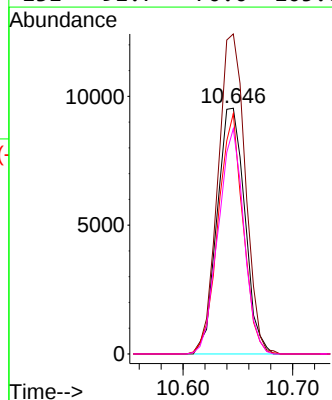
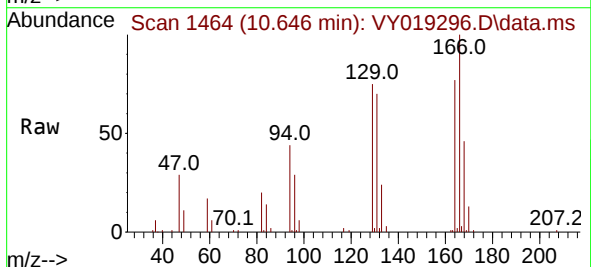
Instrument :  
MSVOA\_Y  
ClientSampleId :

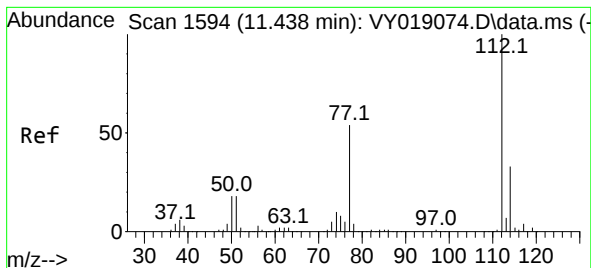
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 40665       |
| Ion         | Ratio | Lower Upper |
| 117         | 100   |             |
| 82          | 51.5  | 42.4 63.6   |
| 119         | 30.3  | 25.9 38.9   |



#64  
Tetrachloroethene  
Concen: 47.105 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 16743       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 130.2 | 102.6 154.0 |
| 129         | 97.8  | 72.0 108.0  |
| 131         | 91.7  | 70.0 105.0  |





#65

Chlorobenzene

Concen: 51.076 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

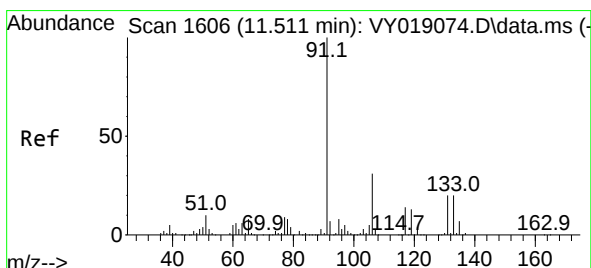
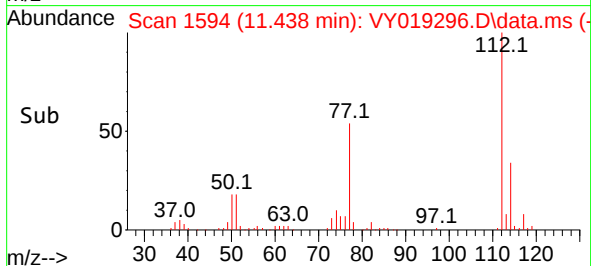
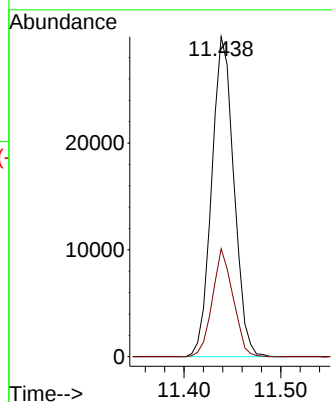
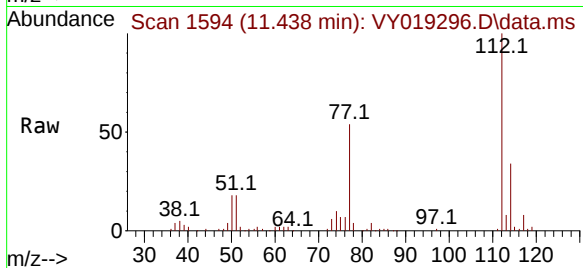
ClientSampleId :

Tgt Ion:112 Resp: 47826

Ion Ratio Lower Upper

112 100

114 33.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 74.224 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

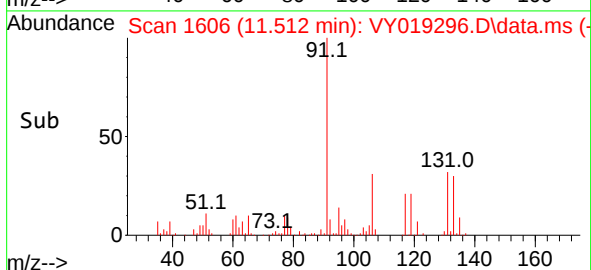
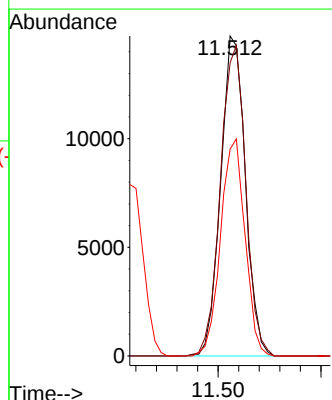
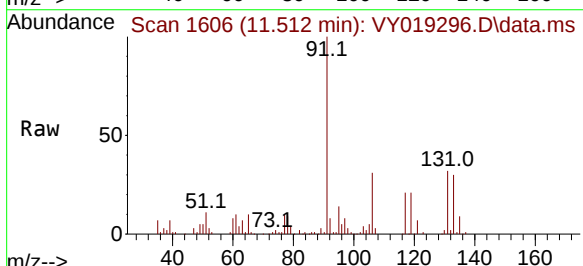
Tgt Ion:131 Resp: 24441

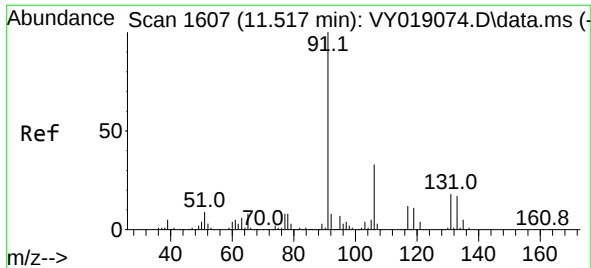
Ion Ratio Lower Upper

131 100

133 100.0 47.8 143.3

119 67.3 34.1 102.2

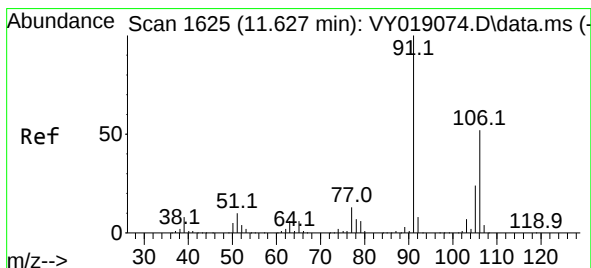
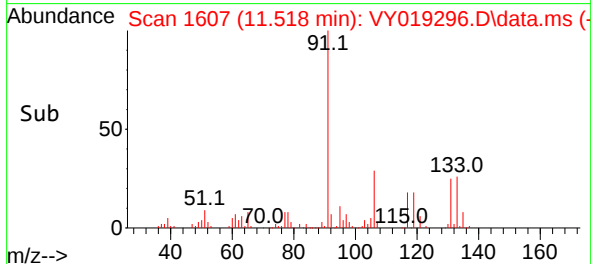
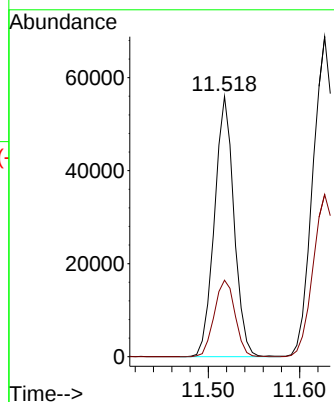
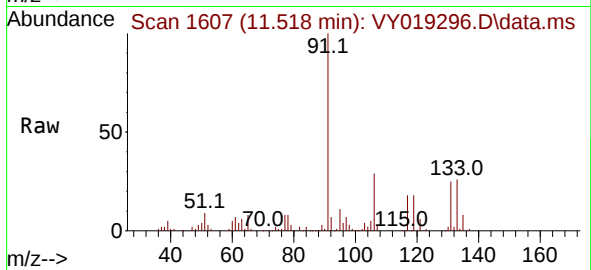




#67  
Ethyl Benzene  
Concen: 51.253 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

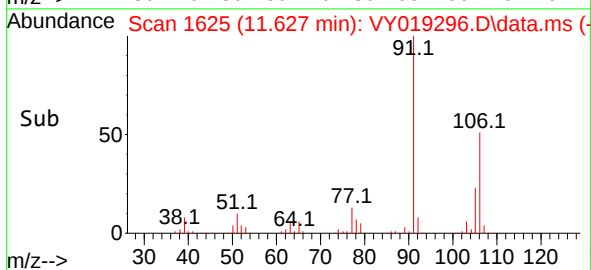
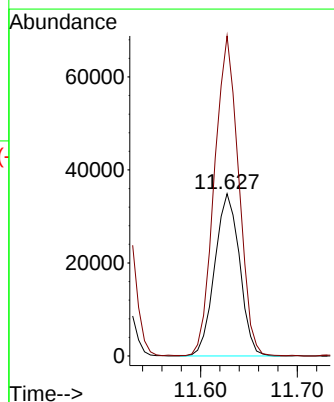
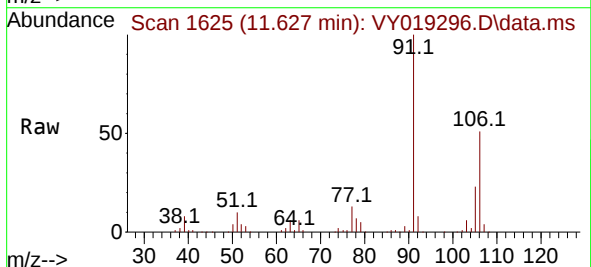
Instrument :  
MSVOA\_Y  
ClientSampleId :

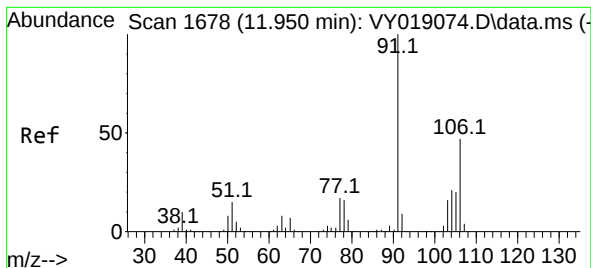
Tgt Ion: 91 Resp: 83296  
Ion Ratio Lower Upper  
91 100  
106 29.4 24.5 36.7



#68  
m/p-Xylenes  
Concen: 96.721 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 106 Resp: 62372  
Ion Ratio Lower Upper  
106 100  
91 192.0 156.0 234.0





#69

o-Xylene

Concen: 51.387 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

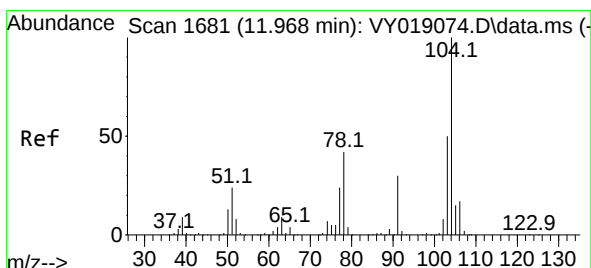
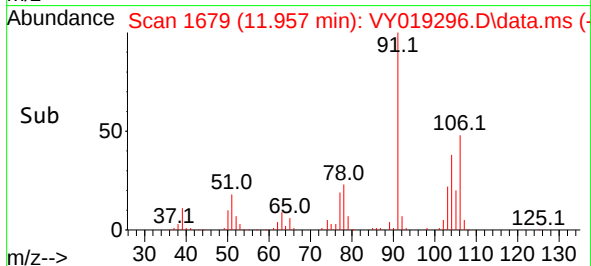
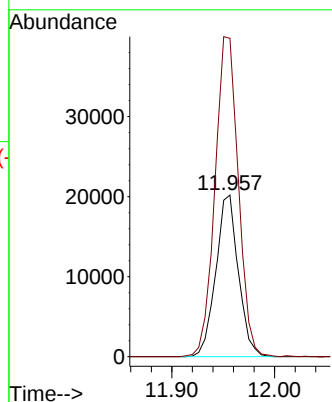
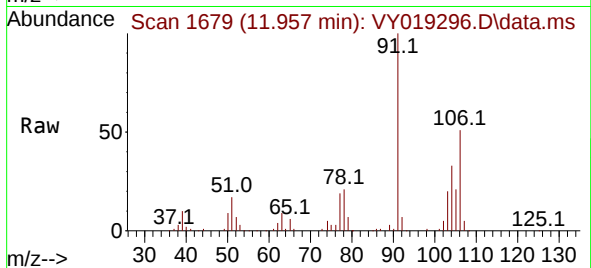
ClientSampleId :

Tgt Ion:106 Resp: 30687

Ion Ratio Lower Upper

106 100

91 205.6 103.6 310.8



#70

Styrene

Concen: 39.269 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

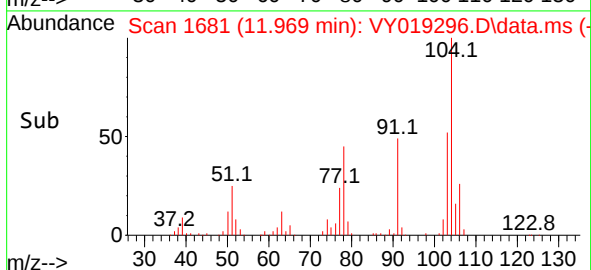
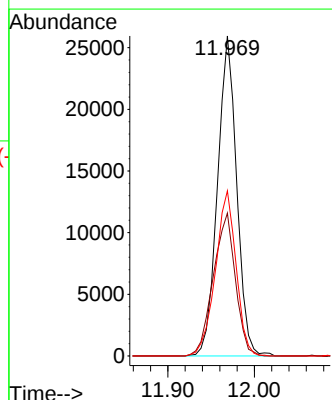
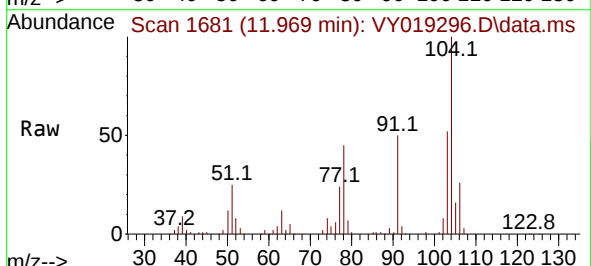
Tgt Ion:104 Resp: 39990

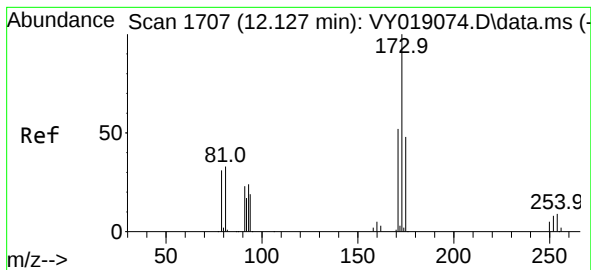
Ion Ratio Lower Upper

104 100

78 51.3 37.0 55.4

103 55.4 44.2 66.2





#71

Bromoform

Concen: 71.756 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

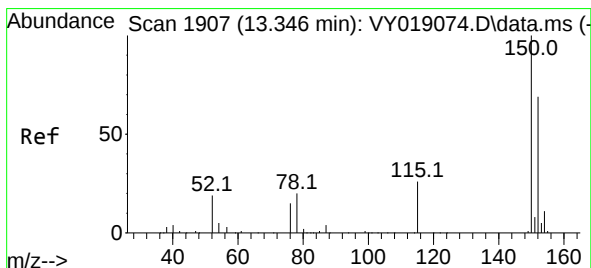
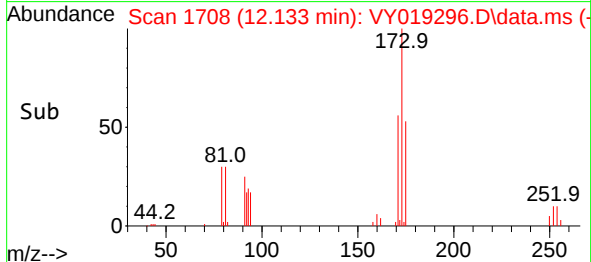
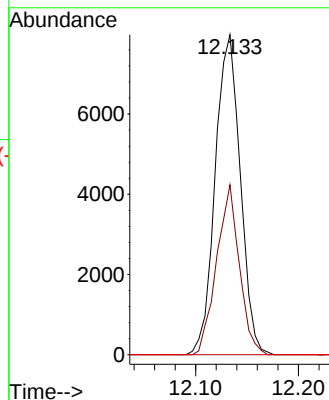
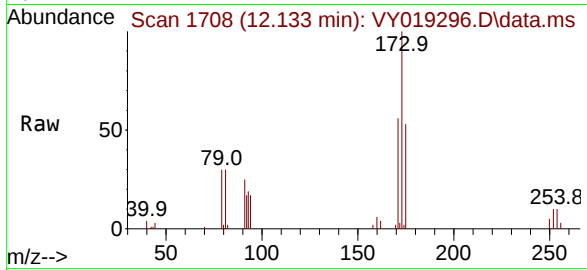
Tgt Ion:173 Resp: 13507

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

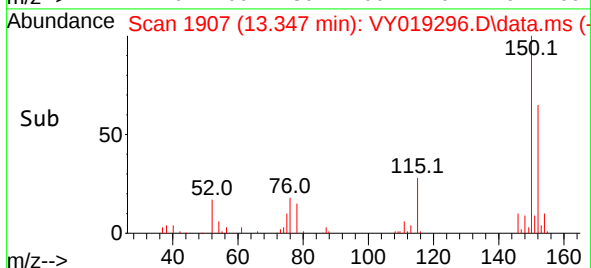
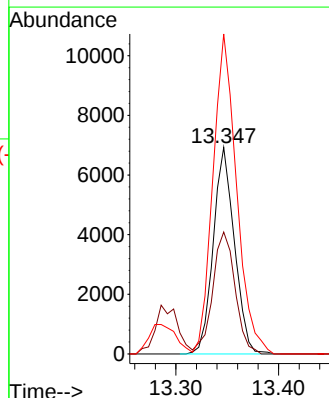
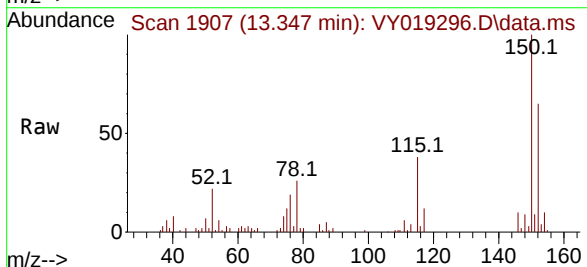
Tgt Ion:152 Resp: 9888

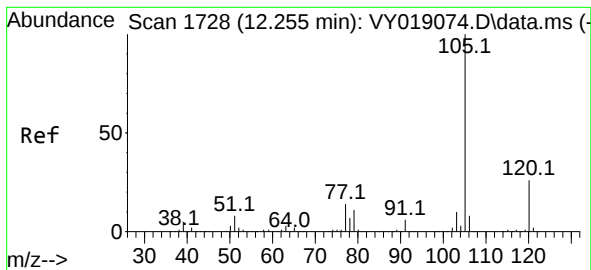
Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 172.9 0.0 345.6





#73

Isopropylbenzene

Concen: 83.454 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

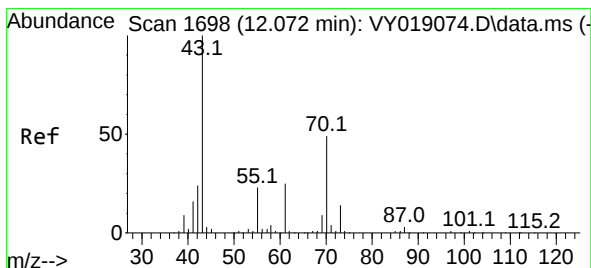
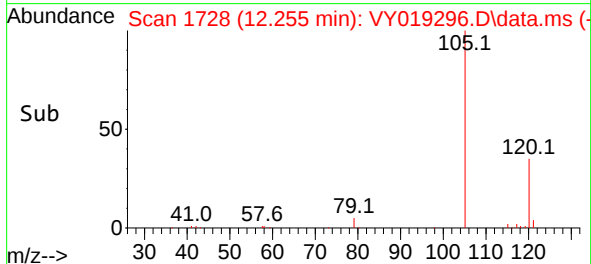
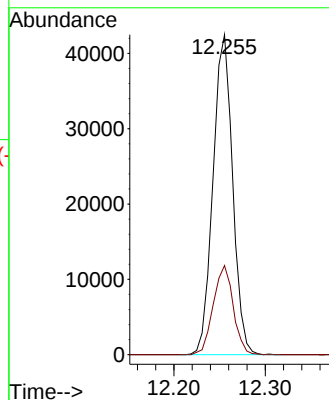
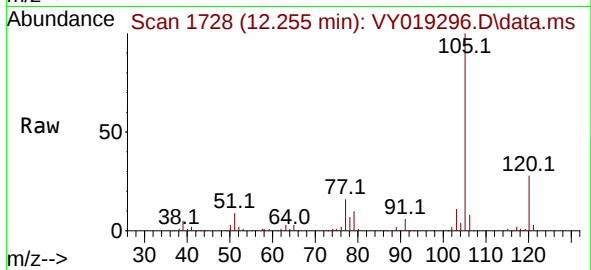
ClientSampleId :

Tgt Ion:105 Resp: 63247

Ion Ratio Lower Upper

105 100

120 28.3 13.4 40.1



#74

N-ethyl acetate

Concen: 76.432 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Tgt Ion: 43 Resp: 12631

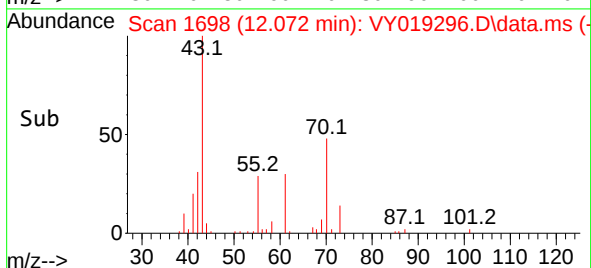
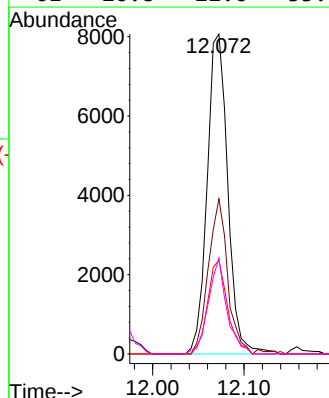
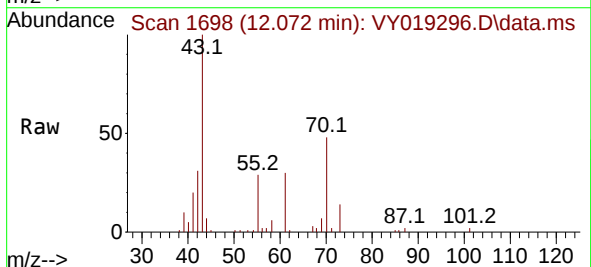
Ion Ratio Lower Upper

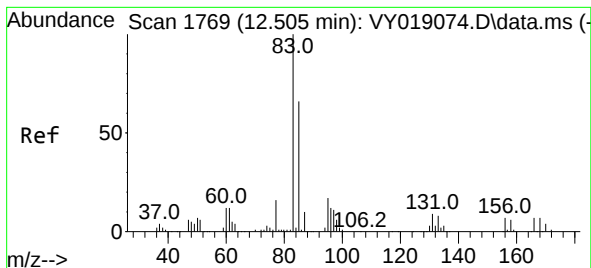
43 100

70 45.2 41.4 62.2

55 28.5 23.3 34.9

61 26.8 22.6 33.8

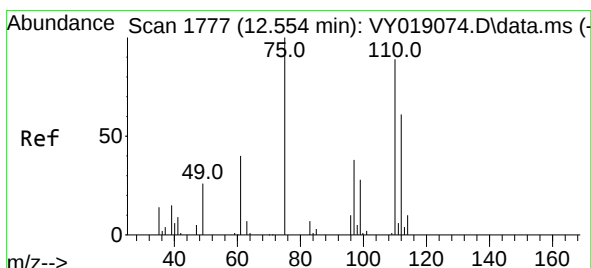
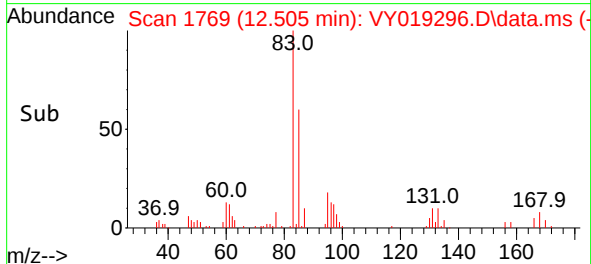
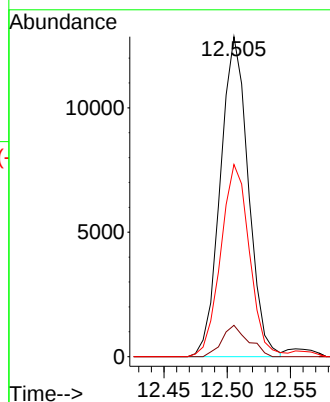
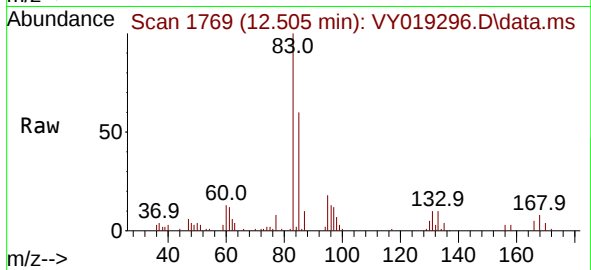




#75  
1,1,2,2-Tetrachloroethane  
Concen: 146.313 ug/l  
RT: 12.505 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

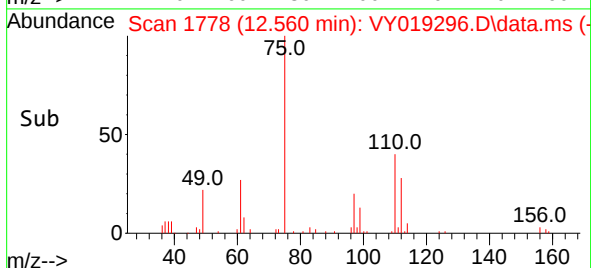
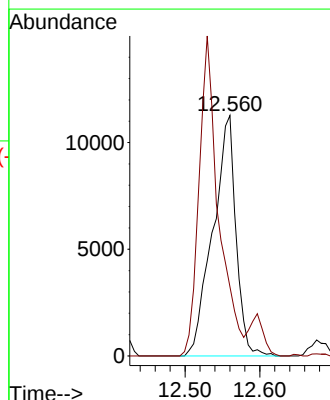
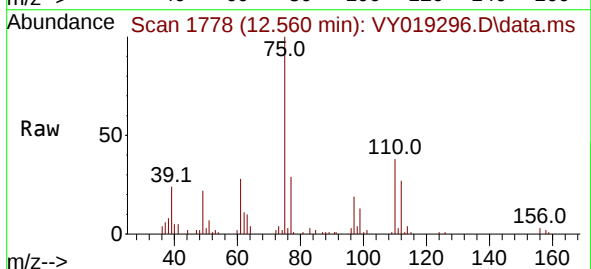
Instrument :  
MSVOA\_Y  
ClientSampleId :

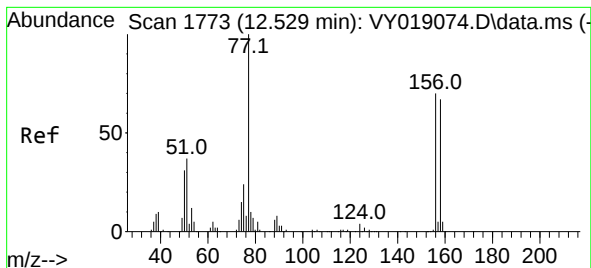
Tgt Ion: 83 Resp: 19741  
Ion Ratio Lower Upper  
83 100  
131 9.2 5.0 14.9  
85 61.9 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 249.145 ug/l  
RT: 12.560 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 75 Resp: 24295  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 81.320 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

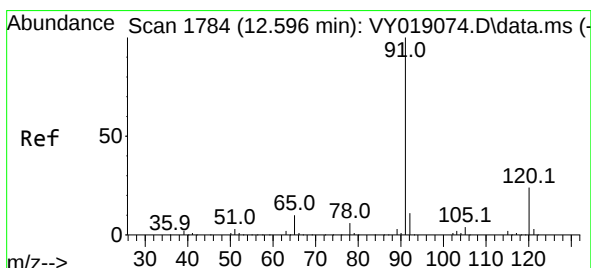
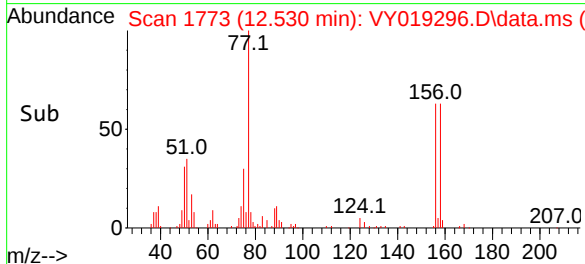
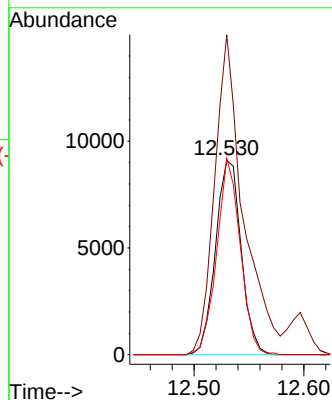
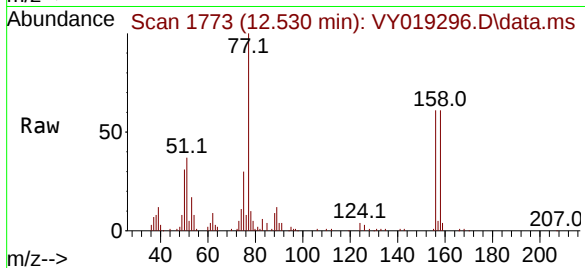
Tgt Ion:156 Resp: 14801

Ion Ratio Lower Upper

156 100

77 184.0 87.1 261.3

158 93.0 48.6 145.9



#78

n-propylbenzene

Concen: 64.202 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019296.D

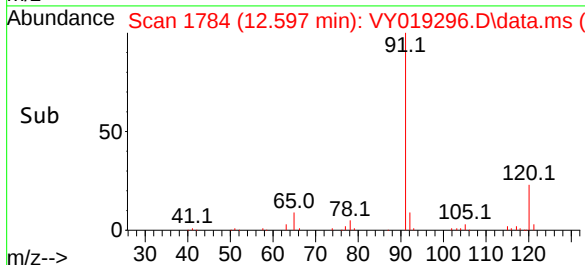
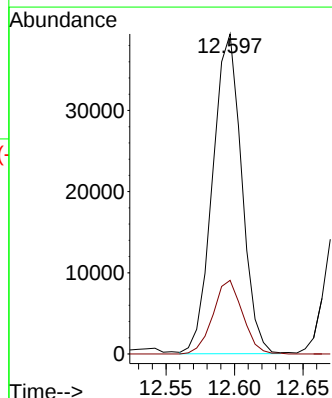
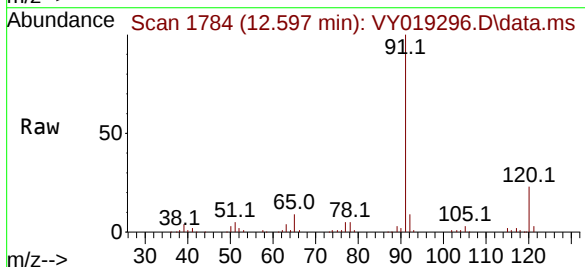
Acq: 27 Aug 2024 19:19

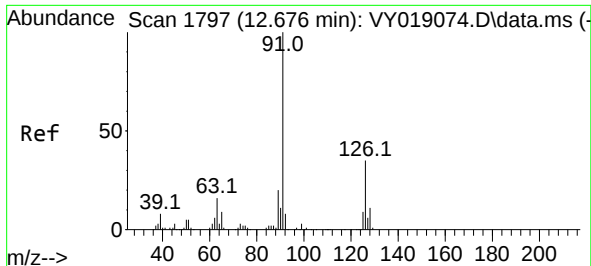
Tgt Ion: 91 Resp: 58166

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

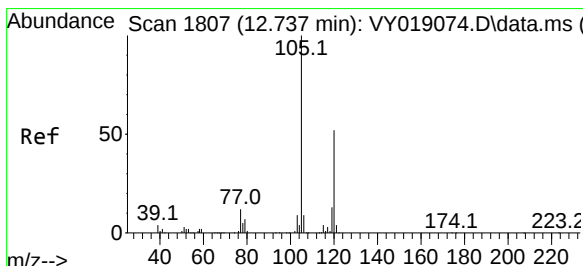
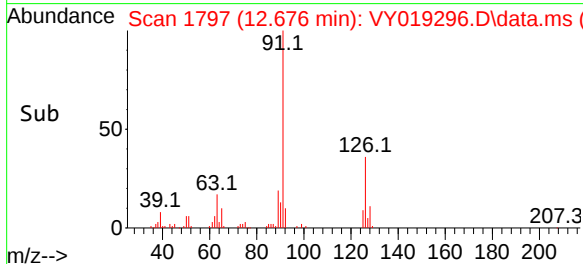
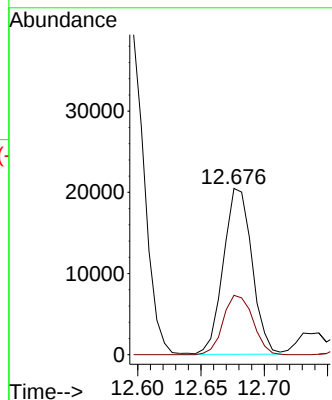
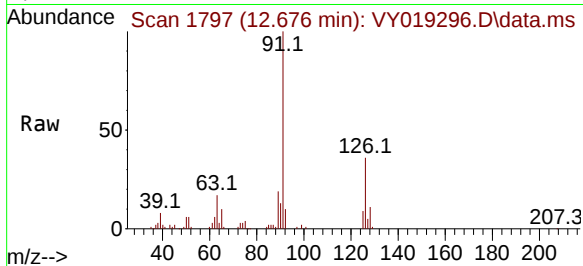




#79  
2-Chlorotoluene  
Concen: 63.465 ug/l  
RT: 12.676 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

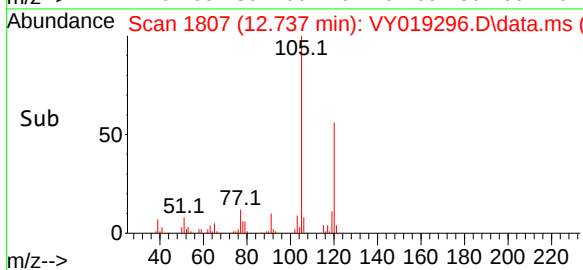
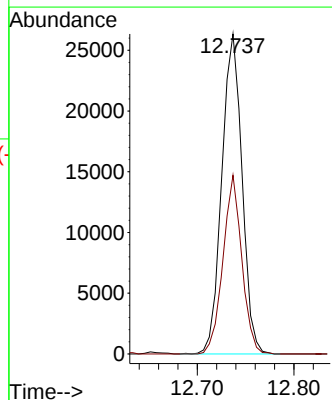
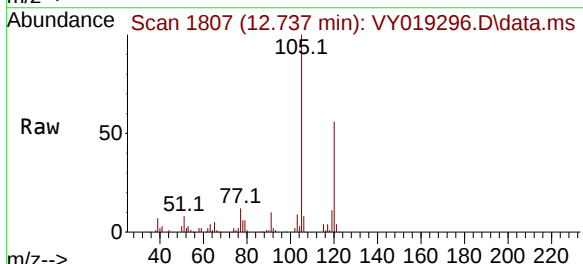
Instrument :  
MSVOA\_Y  
ClientSampleId :

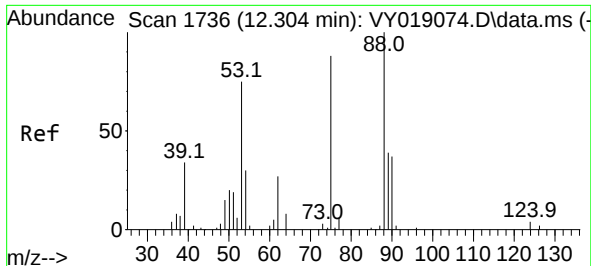
Tgt Ion: 91 Resp: 32236  
Ion Ratio Lower Upper  
91 100  
126 37.0 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 61.927 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion: 105 Resp: 38234  
Ion Ratio Lower Upper  
105 100  
120 52.0 25.1 75.2

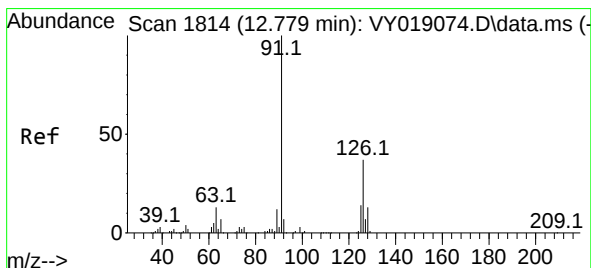
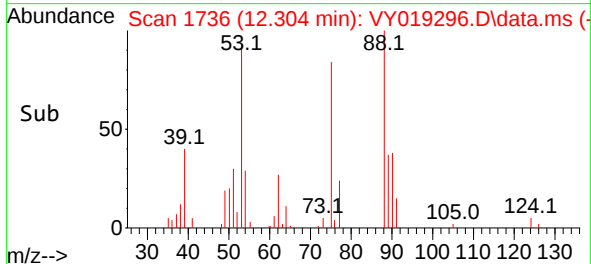
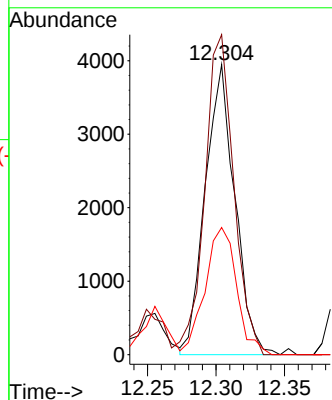
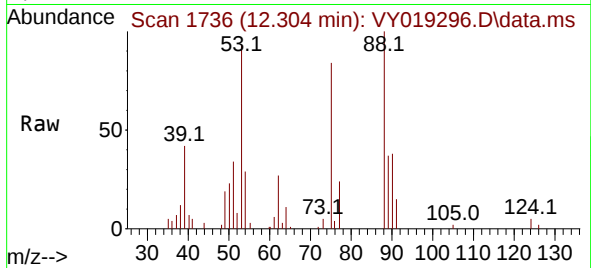




#81  
trans-1,4-Dichloro-2-butene  
Concen: 150.439 ug/l  
RT: 12.304 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

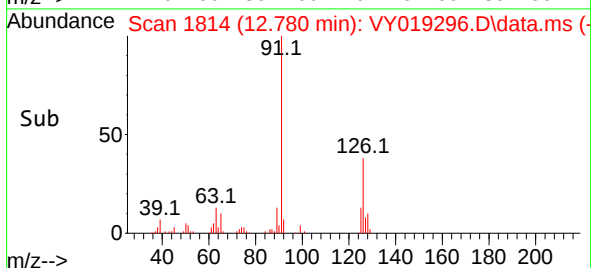
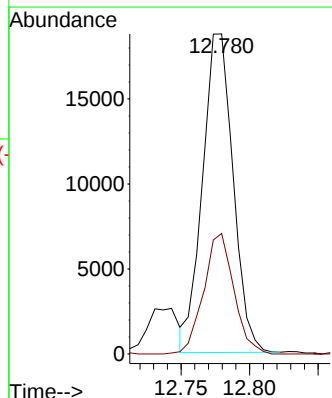
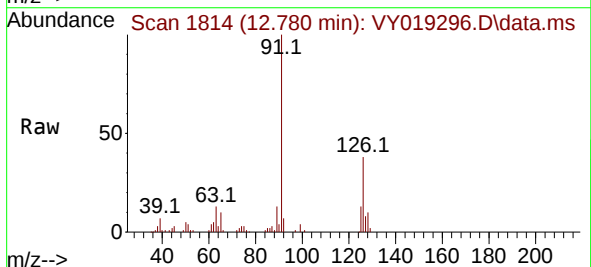
Instrument :  
MSVOA\_Y  
ClientSampleId :

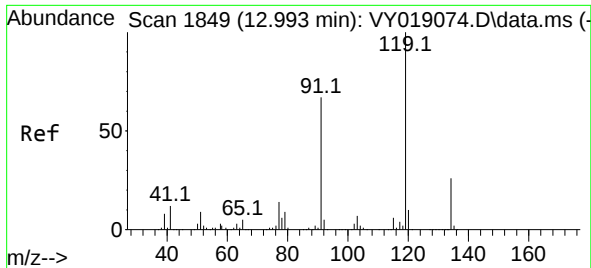
Tgt Ion: 75 Resp: 5940  
Ion Ratio Lower Upper  
75 100  
53 108.0 66.8 100.2#  
89 46.8 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 55.058 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

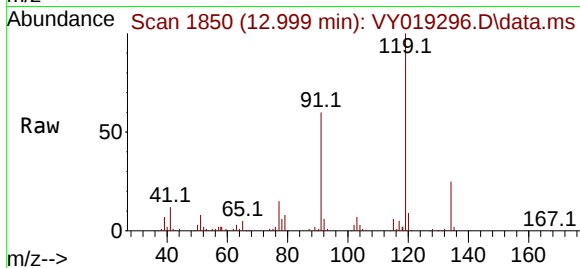
Tgt Ion: 91 Resp: 29095  
Ion Ratio Lower Upper  
91 100  
126 37.3 17.6 52.9



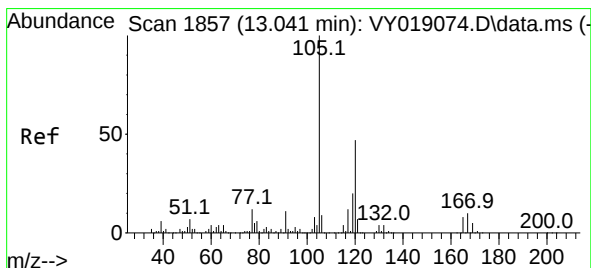
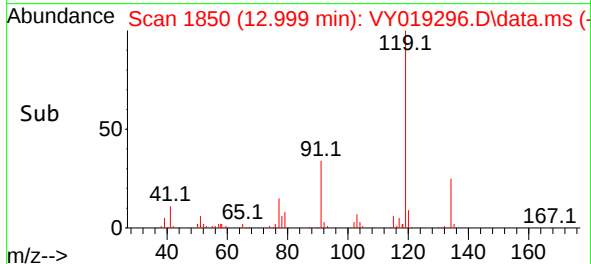
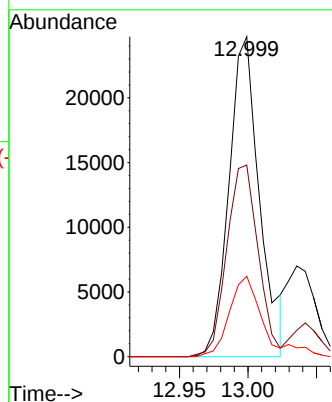


#83  
tert-Butylbenzene  
Concen: 67.411 ug/l  
RT: 12.999 min Scan# 1850  
Delta R.T. 0.006 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Instrument :  
MSVOA\_Y  
ClientSampleId :

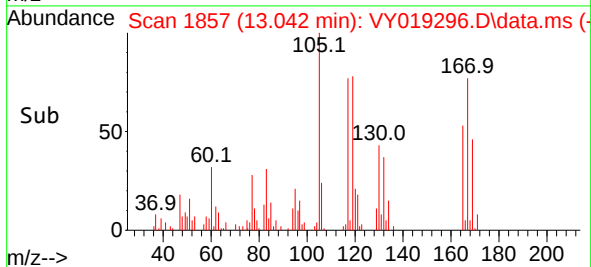
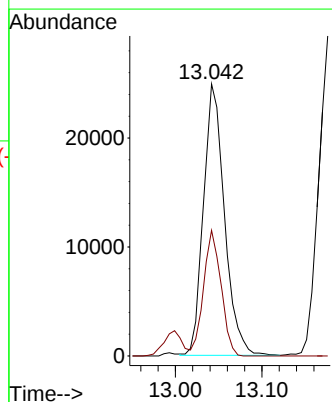
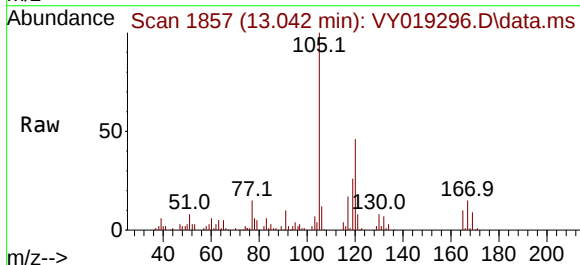


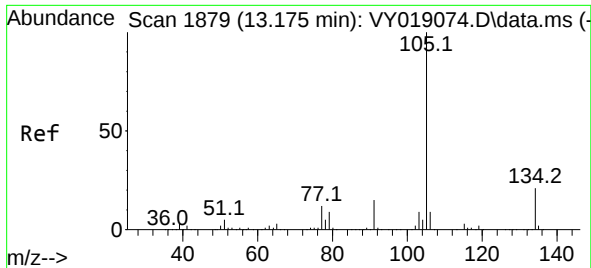
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.5  | 31.3  | 93.8  |
| 134     | 25.0  | 13.4  | 40.1  |



#84  
1,2,4-Trimethylbenzene  
Concen: 68.348 ug/l  
RT: 13.042 min Scan# 1857  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 38.4  | 23.2  | 69.6  |

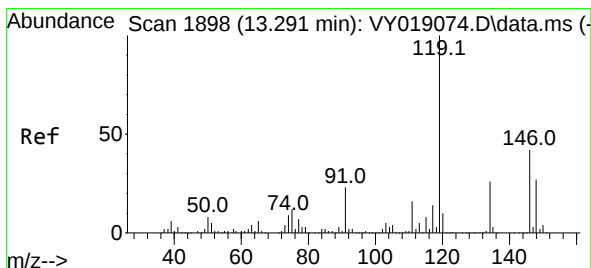
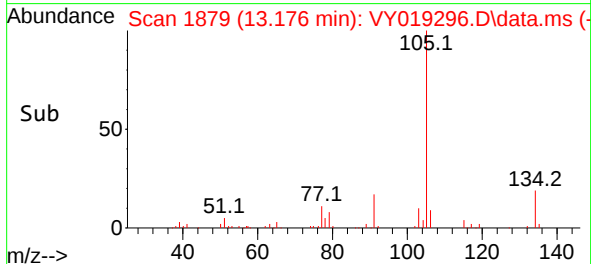
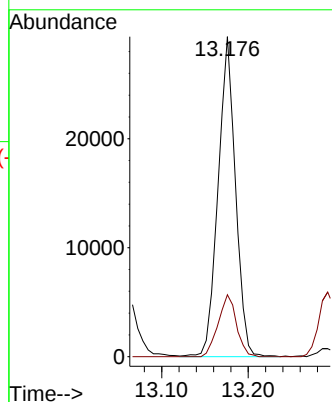
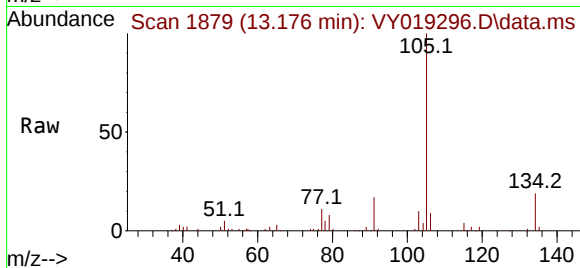




#85  
 sec-Butylbenzene  
 Concen: 49.345 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. 0.000 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

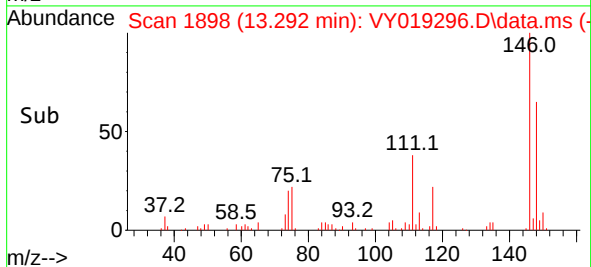
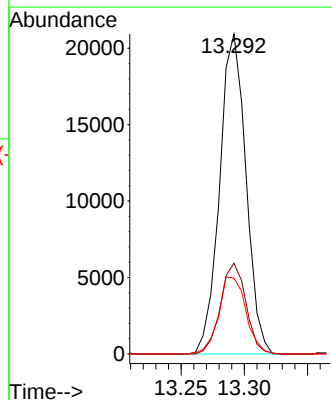
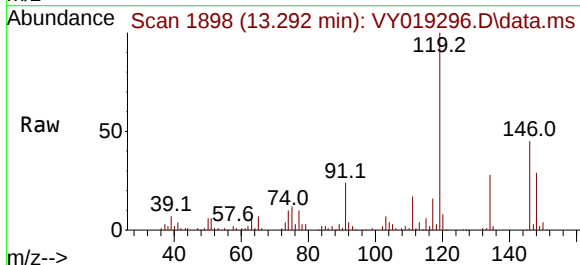
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

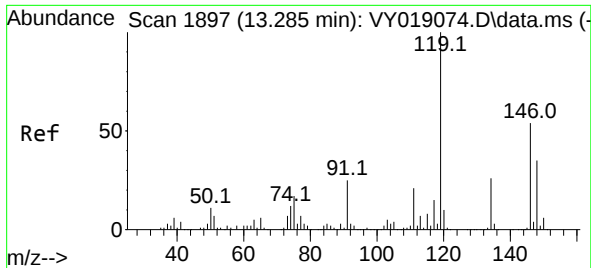
Tgt Ion:105 Resp: 40999  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 44.282 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. 0.000 min  
 Lab File: VY019296.D  
 Acq: 27 Aug 2024 19:19

Tgt Ion:119 Resp: 30221  
 Ion Ratio Lower Upper  
 119 100  
 134 27.4 13.1 39.3  
 91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 42.907 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

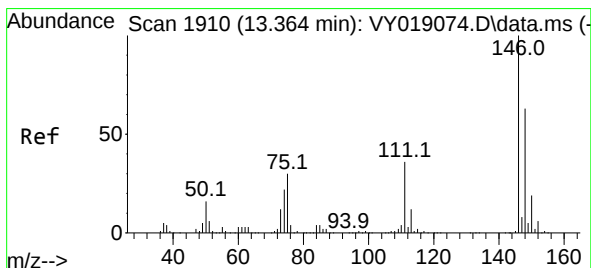
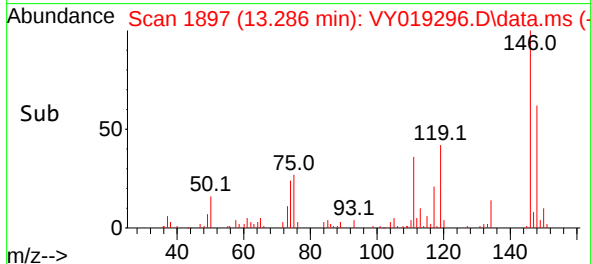
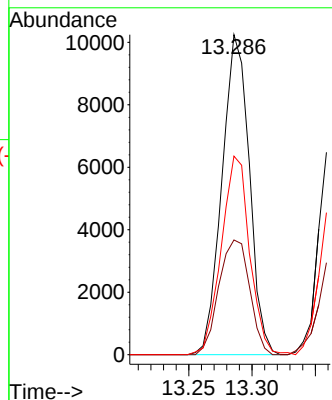
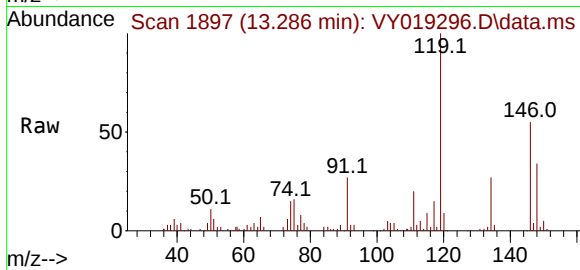
Tgt Ion:146 Resp: 15401

Ion Ratio Lower Upper

146 100

111 40.2 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 41.081 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

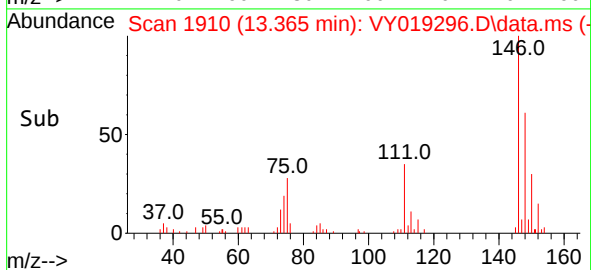
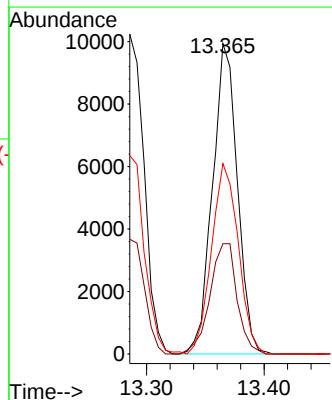
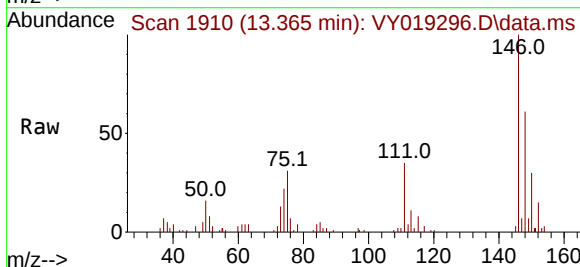
Tgt Ion:146 Resp: 14658

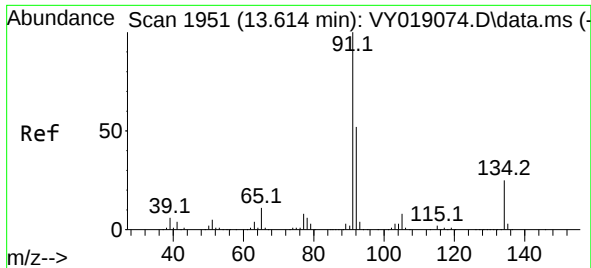
Ion Ratio Lower Upper

146 100

111 38.7 18.4 55.4

148 65.8 32.4 97.2





#89

n-Butylbenzene

Concen: 32.260 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019296.D

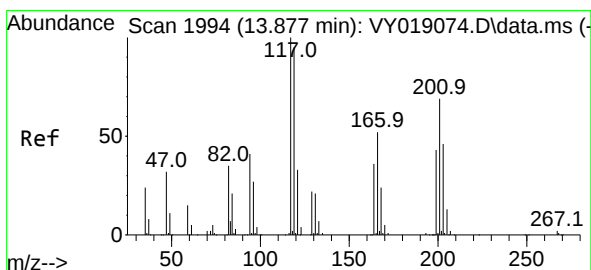
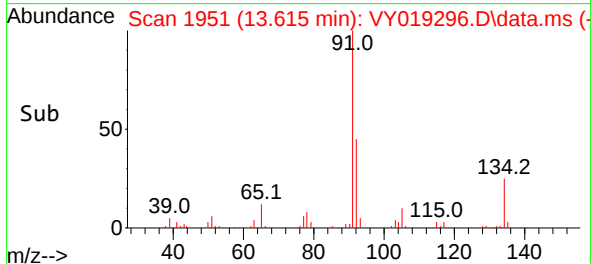
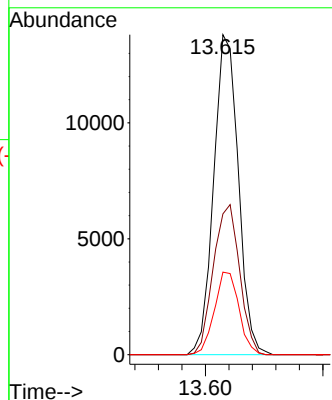
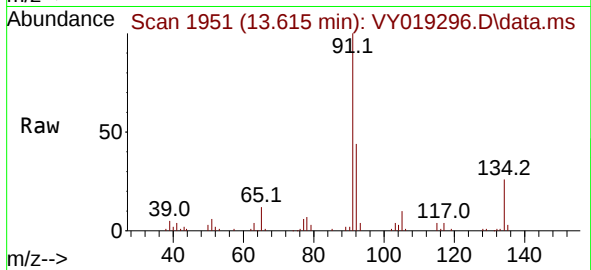
Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 20073    |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 50.0 26.6 79.7 |
| 134         | 25.7 12.9 38.7 |



#90

Hexachloroethane

Concen: 52.856 ug/l

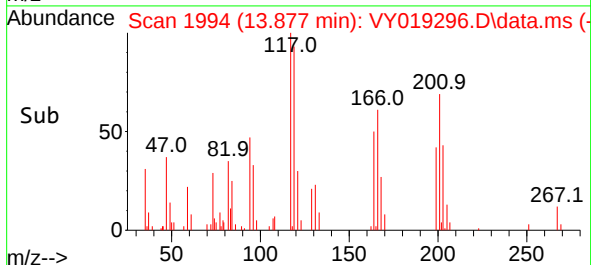
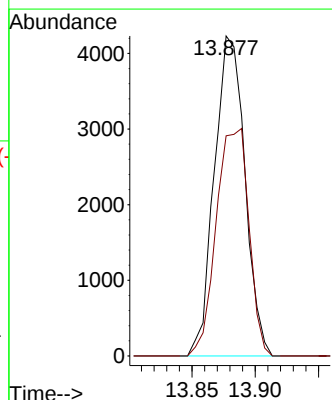
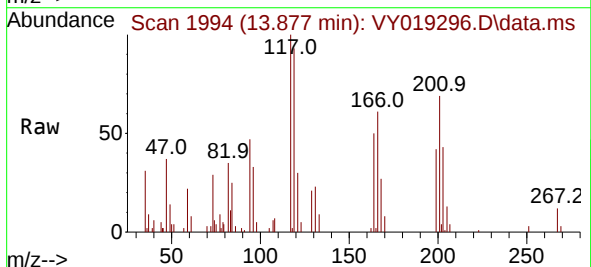
RT: 13.877 min Scan# 1994

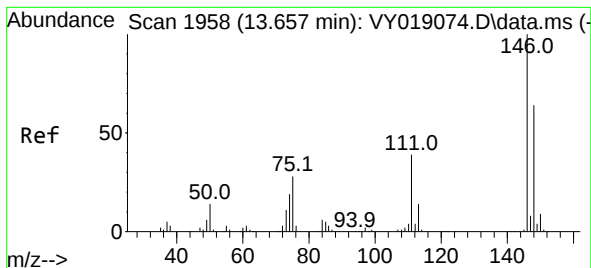
Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 7110      |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 201          | 75.8 37.4 112.2 |





#91

1,2-Dichlorobenzene

Concen: 47.740 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

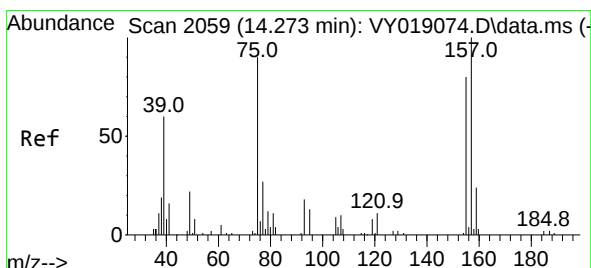
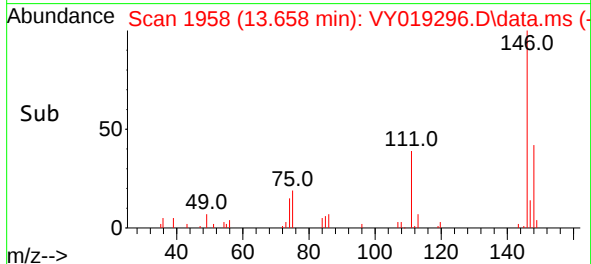
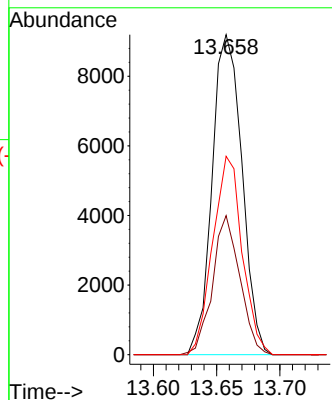
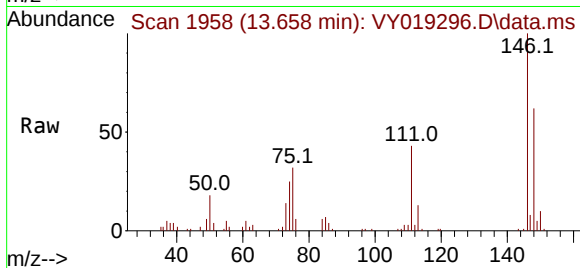
Tgt Ion:146 Resp: 15071

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 61.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 119.505 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

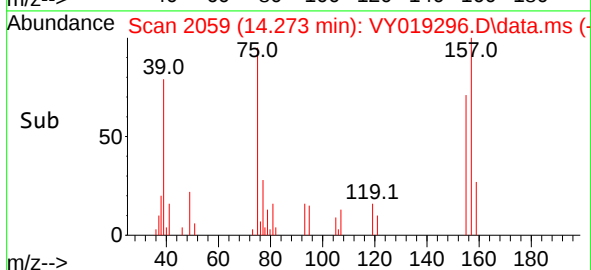
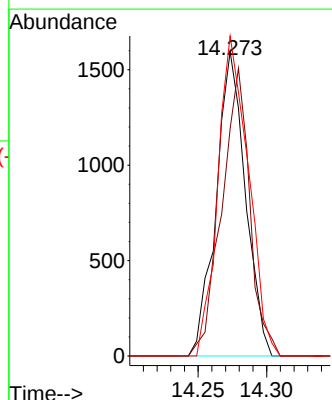
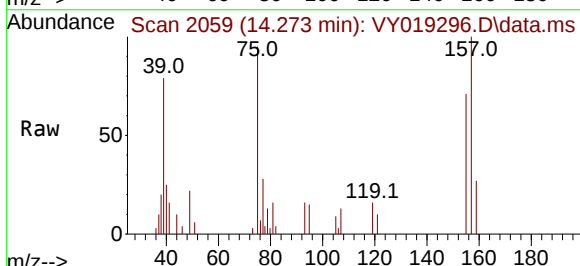
Tgt Ion: 75 Resp: 2372

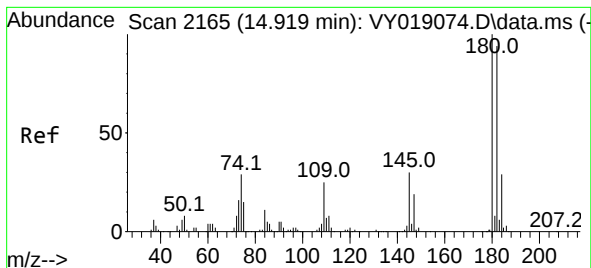
Ion Ratio Lower Upper

75 100

155 90.3 48.6 145.8

157 109.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 16.924 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

Instrument :

MSVOA\_Y

ClientSampleId :

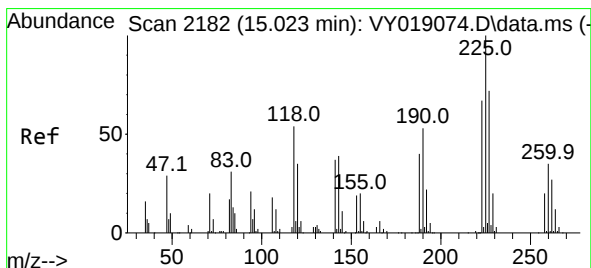
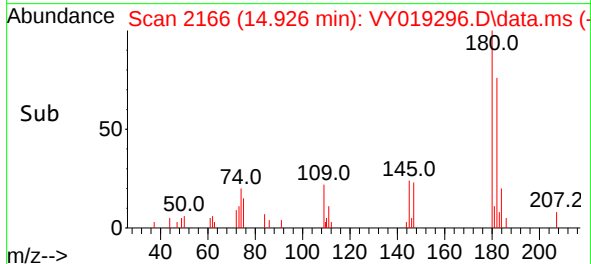
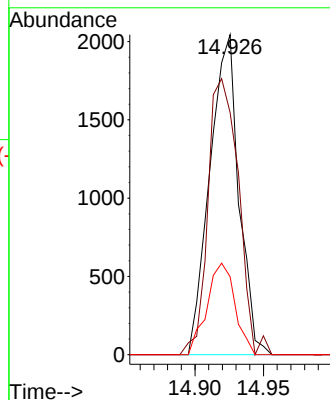
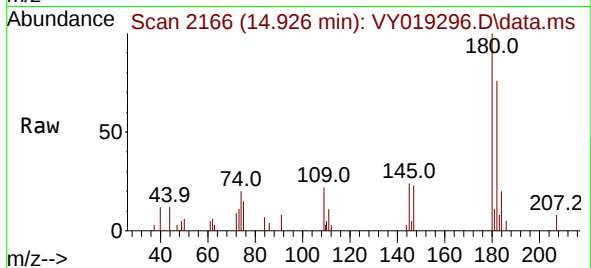
Tgt Ion:180 Resp: 3013

Ion Ratio Lower Upper

180 100

182 90.6 47.9 143.8

145 27.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 23.875 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019296.D

Acq: 27 Aug 2024 19:19

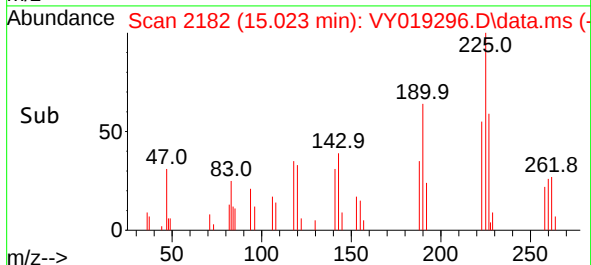
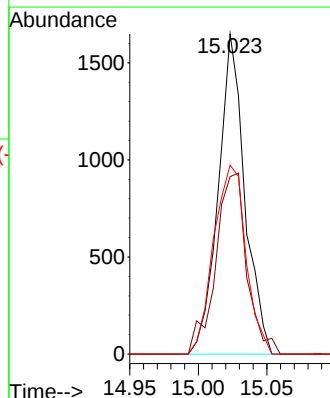
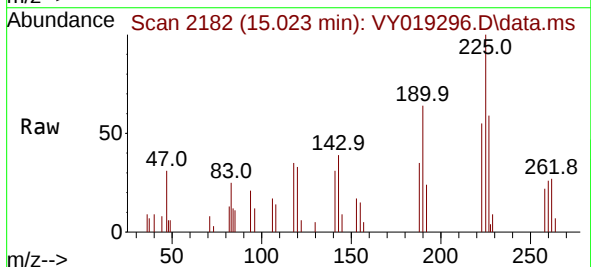
Tgt Ion:225 Resp: 2214

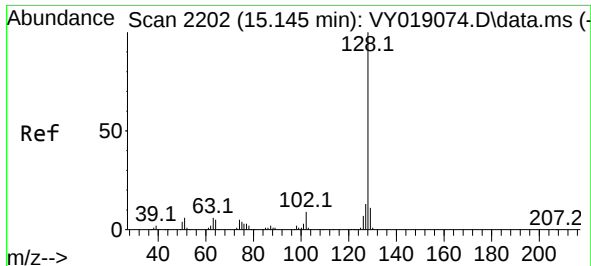
Ion Ratio Lower Upper

225 100

223 66.4 30.4 91.2

227 71.8 31.9 95.9

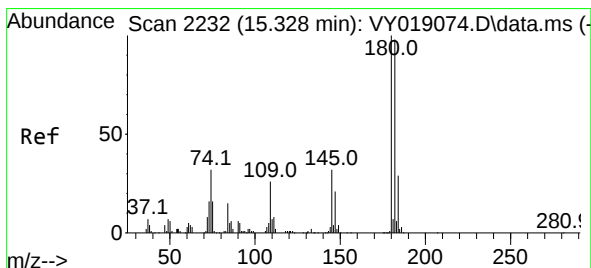
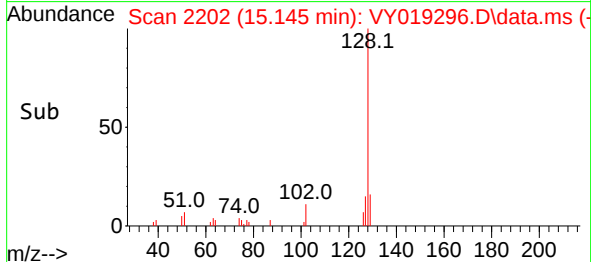
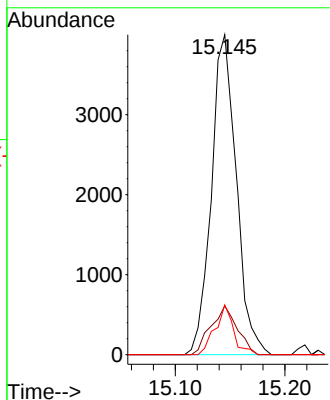
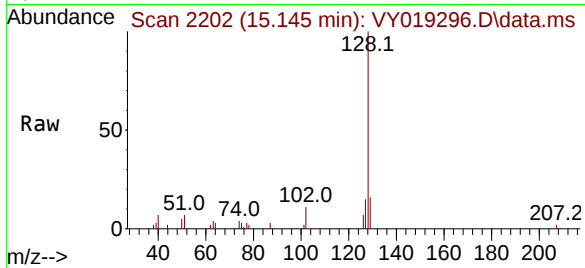




#95  
Naphthalene  
Concen: 19.907 ug/l  
RT: 15.145 min Scan# 2202  
Delta R.T. 0.000 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 6325  
Ion Ratio Lower Upper  
128 100  
127 16.1 10.6 16.0#  
129 11.5 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 16.976 ug/l  
RT: 15.334 min Scan# 2233  
Delta R.T. 0.007 min  
Lab File: VY019296.D  
Acq: 27 Aug 2024 19:19

Tgt Ion:180 Resp: 2549  
Ion Ratio Lower Upper  
180 100  
182 86.3 47.6 142.9  
145 33.7 15.4 46.1

