

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111724\  
 Data File : VY020322.D  
 Acq On : 17 Nov 2024 13:39  
 Operator : SY/MD  
 Sample : VSTDIC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 18 01:53:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111724S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 18 01:33:11 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 336889   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 572262   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 477191   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 180418   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 562490   | 151.733  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 303.460%# |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 528506   | 132.307  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 264.620%# |      |
| 50) Toluene-d8              | 10.109 | 98    | 2114115  | 146.675  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 293.340%# |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 611066   | 139.500  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 279.000%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 407175  | 159.749 | ug/l   | 97  |
| 3) Chloromethane             | 2.068 | 50  | 601632  | 137.150 | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.208 | 62  | 627521  | 129.593 | ug/l   | 99  |
| 5) Bromomethane              | 2.592 | 94  | 365961  | 124.761 | ug/l   | 96  |
| 6) Chloroethane              | 2.739 | 64  | 385301  | 126.672 | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 896709  | 135.063 | ug/l   | 98  |
| 8) Diethyl Ether             | 3.458 | 74  | 262676  | 161.577 | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 523834  | 161.676 | ug/l   | 97  |
| 10) Methyl Iodide            | 4.007 | 142 | 562612  | 170.500 | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.866 | 59  | 145906  | 726.675 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 519598  | 163.975 | ug/l   | 98  |
| 13) Acrolein                 | 3.653 | 56  | 263006  | 797.468 | ug/l   | 99  |
| 14) Allyl chloride           | 4.391 | 41  | 959461  | 172.692 | ug/l   | 98  |
| 15) Acrylonitrile            | 5.061 | 53  | 567569  | 775.918 | ug/l   | 99  |
| 16) Acetone                  | 3.873 | 43  | 680542  | 791.262 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.110 | 76  | 1663918 | 166.601 | ug/l   | 100 |
| 18) Methyl Acetate           | 4.385 | 43  | 274680  | 156.310 | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 1260974 | 155.168 | ug/l   | 100 |
| 20) Methylene Chloride       | 4.623 | 84  | 519662  | 147.195 | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 564588  | 157.980 | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.025 | 45  | 1888023 | 148.715 | ug/l   | 98  |
| 23) Vinyl Acetate            | 5.964 | 43  | 5349899 | 742.371 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 1077160 | 143.567 | ug/l   | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 858370  | 694.160 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 922461  | 146.821 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 644658  | 144.487 | ug/l   | 96  |
| 28) Bromochloromethane       | 7.250 | 49  | 479816  | 137.787 | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 483569  | 641.743 | ug/l   | 100 |
| 30) Chloroform               | 7.427 | 83  | 1056843 | 127.991 | ug/l   | 96  |
| 31) Cyclohexane              | 7.707 | 56  | 963836  | 128.100 | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 962241  | 130.585 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.841 | 75  | 794620  | 131.759 | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.988 | 43  | 343796  | 121.708 | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 836337  | 128.761 | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.110 | 83  | 1040198 | 132.760 | ug/l   | 98  |
| 40) Benzene                  | 8.085 | 78  | 2291008 | 135.719 | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111724\  
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 Acq On : 17 Nov 2024 13:39  
 Operator : SY/MD  
 Sample : VSTDIC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 18 01:53:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111724S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 18 01:33:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.232  | 41   | 200515   | 124.710  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 623694   | 137.650  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.201  | 43   | 703618   | 141.182  | ug/l   | 98       |
| 44) Trichloroethene           | 8.866  | 130  | 554844   | 132.872  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 548405   | 132.560  | ug/l   | 100      |
| 46) Dibromomethane            | 9.231  | 93   | 281700   | 127.855  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.427  | 83   | 780202   | 126.185  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.219  | 41   | 341509   | 136.595  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 57354    | 2520.379 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 1752603  | 622.441  | ug/l   | 100      |
| 52) Toluene                   | 10.170 | 92   | 1436173  | 136.736  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 712105   | 122.348  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 854362   | 132.533  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 361972   | 115.355  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.439 | 69   | 547209   | 121.998  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 652122   | 118.344  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 1318553  | 720.573  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.762 | 43   | 1278607  | 593.792  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.914 | 129  | 483591   | 125.007  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 326853   | 123.582  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.646 | 164  | 501581   | 126.005  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.444 | 112  | 1454177  | 137.654  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 487582   | 141.425  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.518 | 91   | 2787555  | 143.203  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 2011930  | 284.884  | ug/l   | 99       |
| 69) o-Xylene                  | 11.957 | 106  | 932887   | 140.293  | ug/l   | 99       |
| 70) Styrene                   | 11.969 | 104  | 1567417  | 139.150  | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 231435   | 129.406  | ug/l   | 100      |
| 73) Isopropylbenzene          | 12.255 | 105  | 2387090  | 147.359  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 591775   | 146.253  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 346043   | 130.073  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 458500   | 224.424  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 454416   | 137.711  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.597 | 91   | 2683545  | 137.114  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 1496891  | 134.146  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 1849882  | 139.013  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 125527   | 146.078  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 1560164  | 135.752  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.999 | 119  | 1781519  | 148.844  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 1856287  | 143.990  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.176 | 105  | 2342553  | 137.883  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 1927998  | 143.141  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 879327   | 135.395  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 846561   | 130.567  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.621 | 91   | 2012405  | 140.546  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 378560   | 134.996  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 762124   | 127.180  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 50552    | 124.390  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 14.926 | 180  | 417943   | 129.082  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 239005   | 137.226  | ug/l   | 99       |
| 95) Naphthalene               | 15.145 | 128  | 899232   | 162.251  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.334 | 180  | 349055   | 133.385  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111724\  
Data File : VY020322.D  
Acq On : 17 Nov 2024 13:39  
Operator : SY/MD  
Sample : VSTDICC150  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

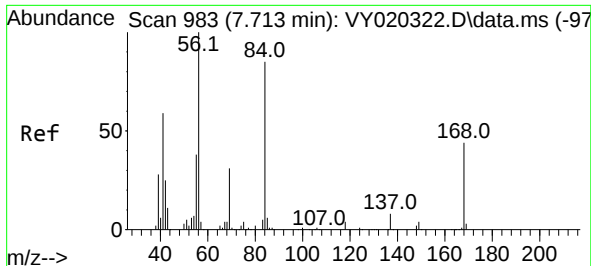
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Nov 18 01:53:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111724S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 18 01:33:11 2024  
Response via : Initial Calibration

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

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

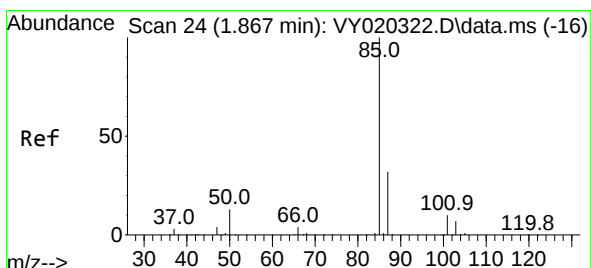
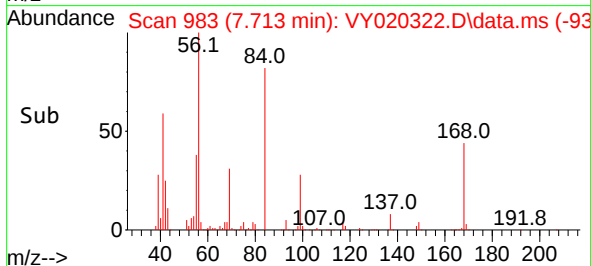
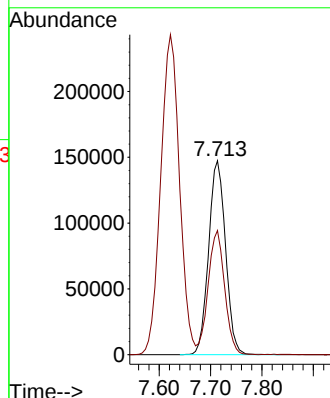
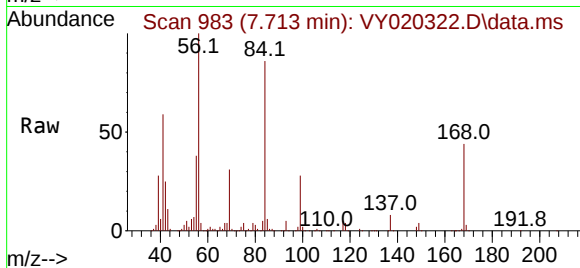




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

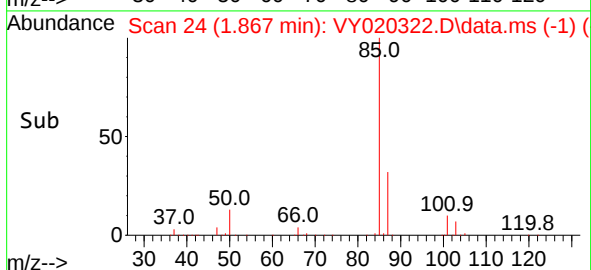
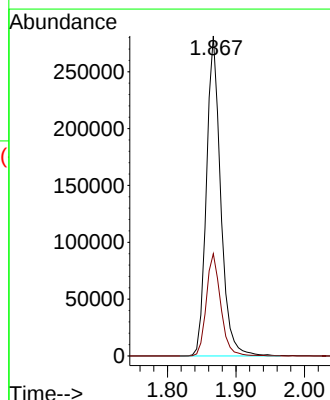
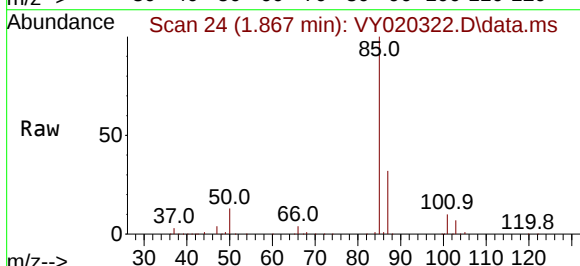
Instrument :  
MSVOA\_Y  
ClientSampleId :

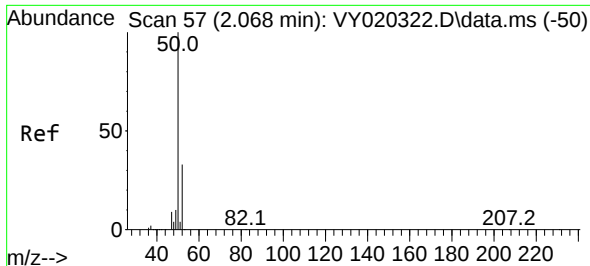
Tgt Ion:168 Resp: 336889  
Ion Ratio Lower Upper  
168 100  
99 63.9 48.7 73.1



#2  
Dichlorodifluoromethane  
Concen: 159.749 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 85 Resp: 407175  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.0 45.1

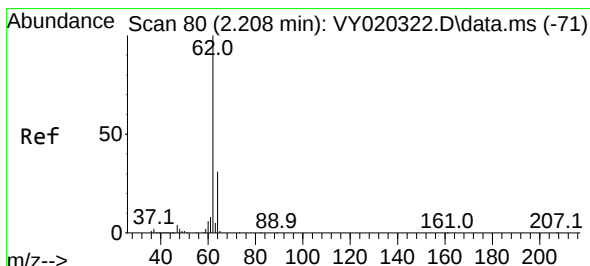
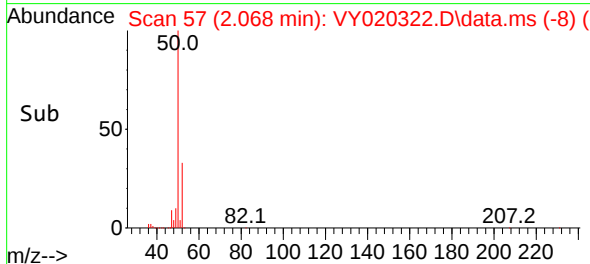
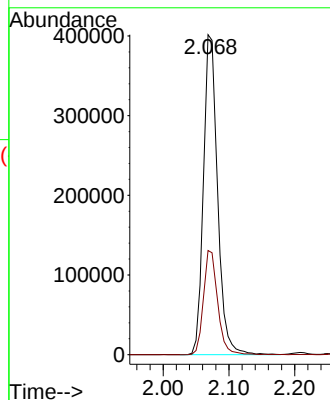
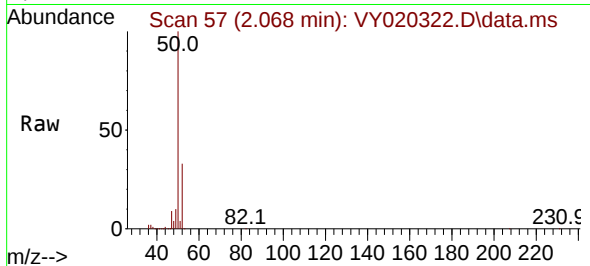




#3  
Chloromethane  
Concen: 137.150 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

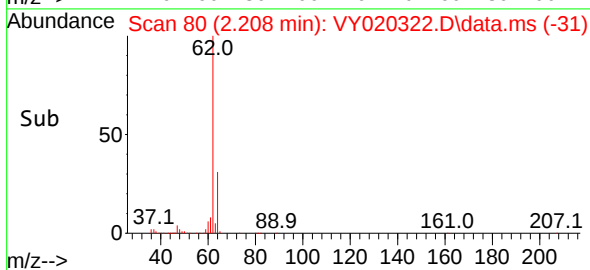
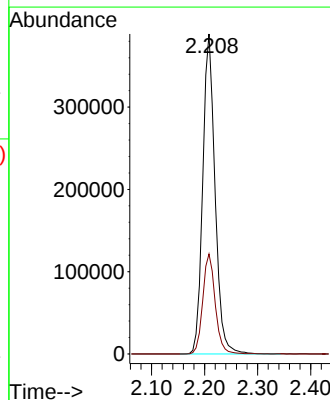
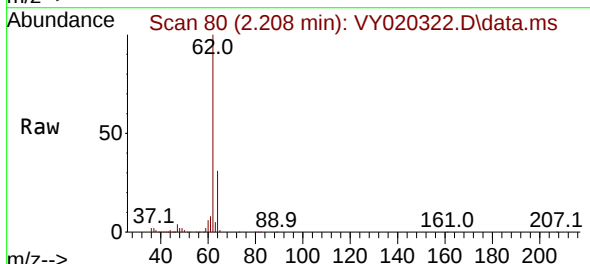
Instrument :  
MSVOA\_Y  
ClientSampleId :

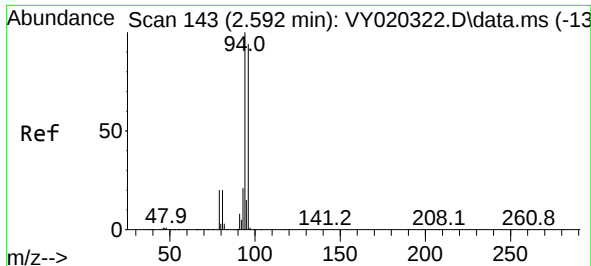
Tgt Ion: 50 Resp: 601632  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.1 39.1



#4  
Vinyl Chloride  
Concen: 129.593 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 62 Resp: 627521  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.0

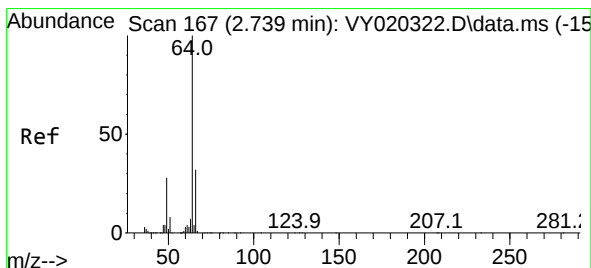
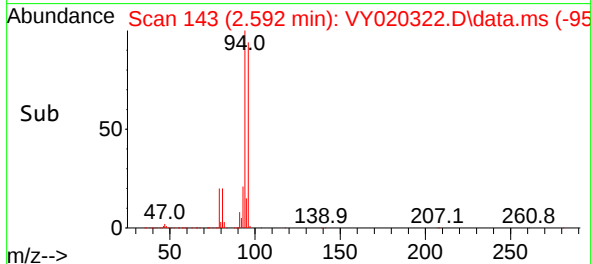
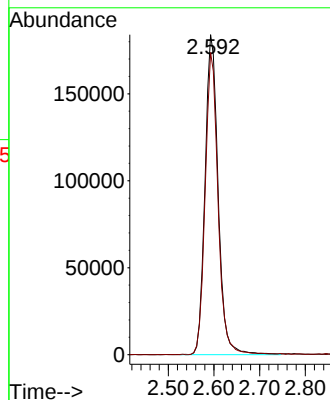
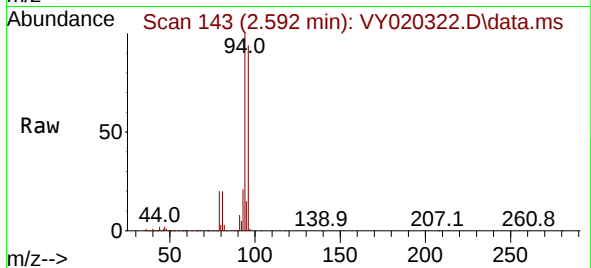




#5  
Bromomethane  
Concen: 124.761 ug/l  
RT: 2.592 min Scan# 143  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

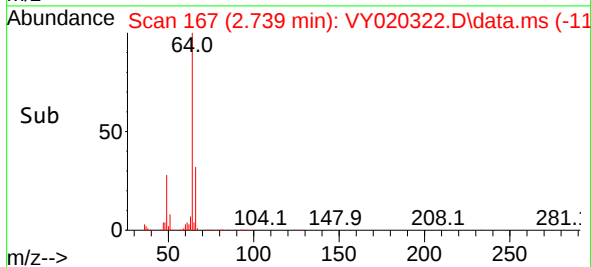
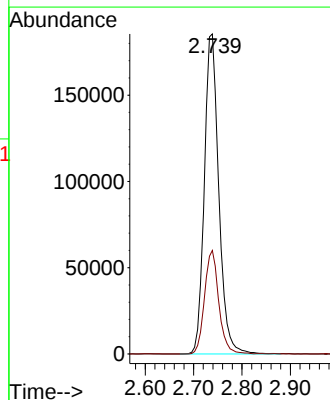
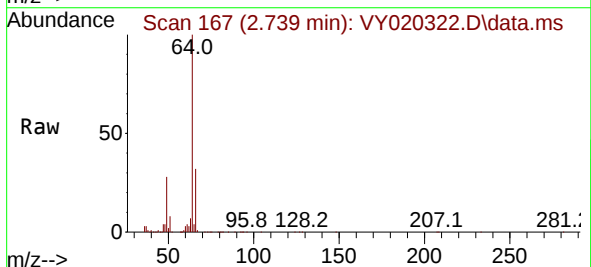
Instrument :  
MSVOA\_Y  
ClientSampleId :

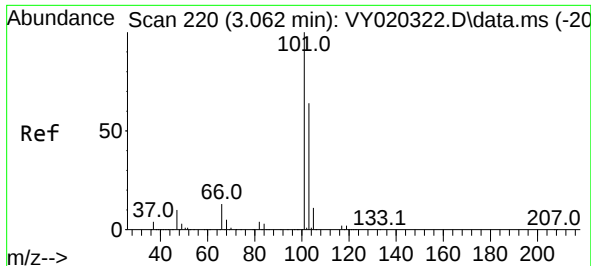
Tgt Ion: 94 Resp: 365961  
Ion Ratio Lower Upper  
94 100  
96 94.4 72.8 109.2



#6  
Chloroethane  
Concen: 126.672 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 64 Resp: 385301  
Ion Ratio Lower Upper  
64 100  
66 32.3 24.6 37.0

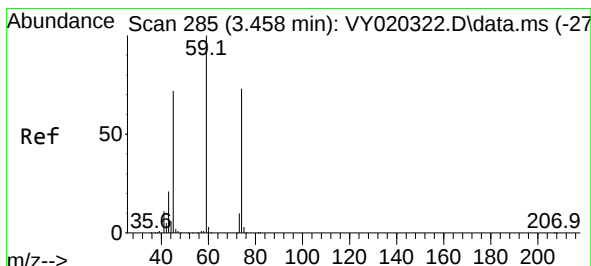
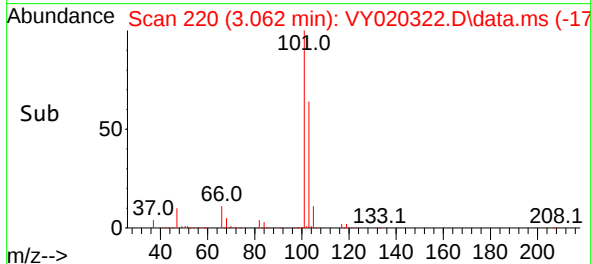
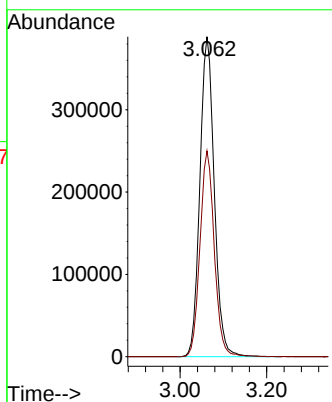
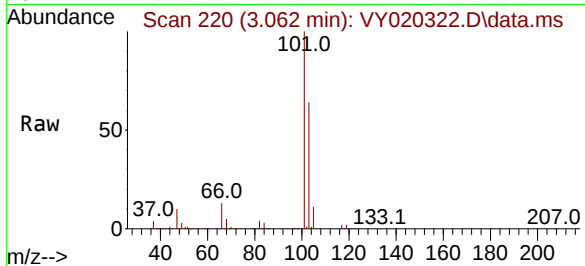




#7  
 Trichlorofluoromethane  
 Concen: 135.063 ug/l  
 RT: 3.062 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

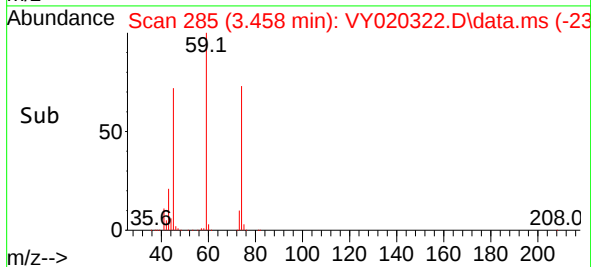
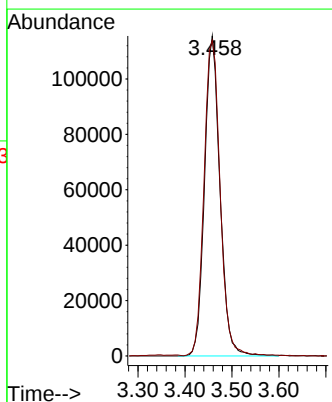
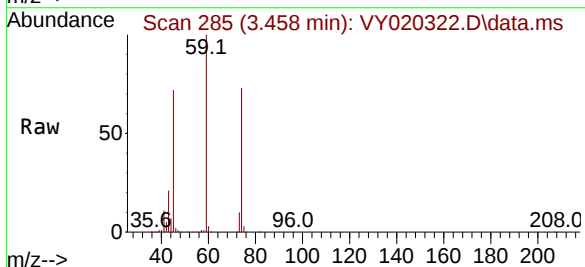
Instrument :  
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 ClientSampleId :

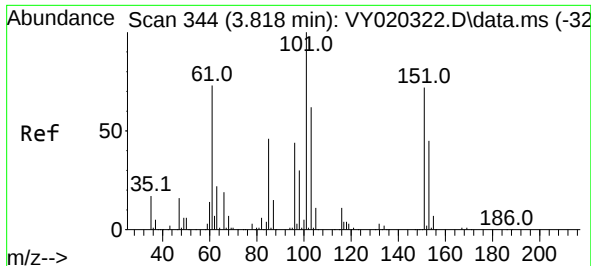
Tgt Ion:101 Resp: 896709  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 161.577 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. -0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

Tgt Ion: 74 Resp: 262676  
 Ion Ratio Lower Upper  
 74 100  
 45 103.3 51.0 153.1

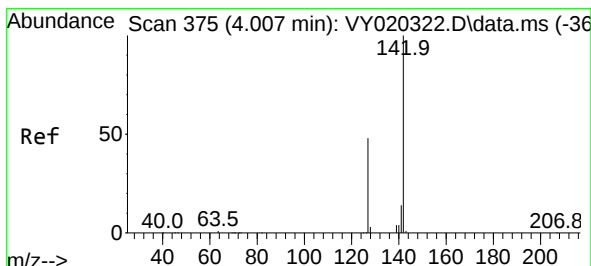
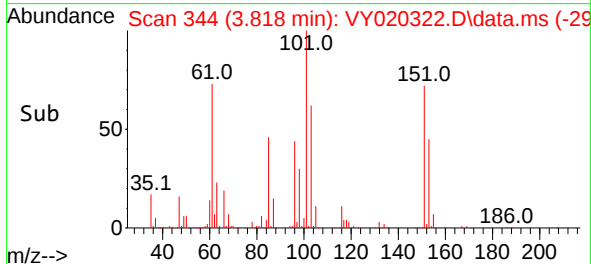
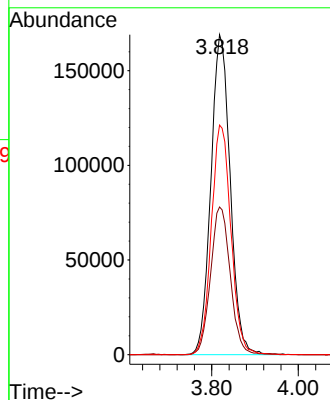
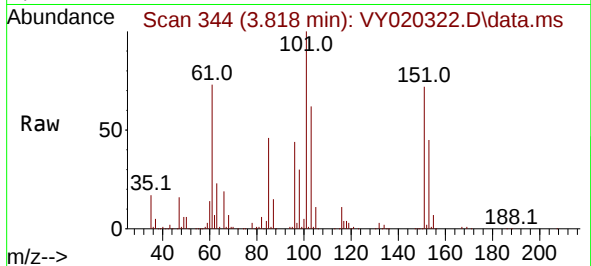




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 161.676 ug/l  
RT: 3.818 min Scan# 344  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

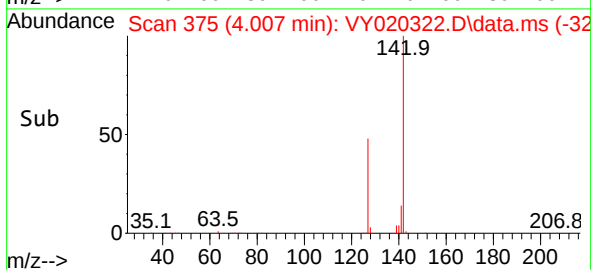
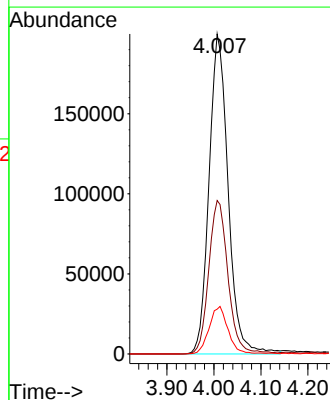
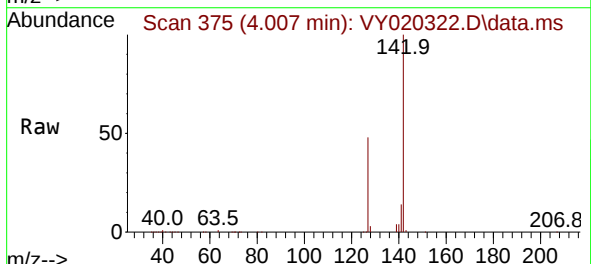
Instrument :  
MSVOA\_Y  
ClientSampleId :

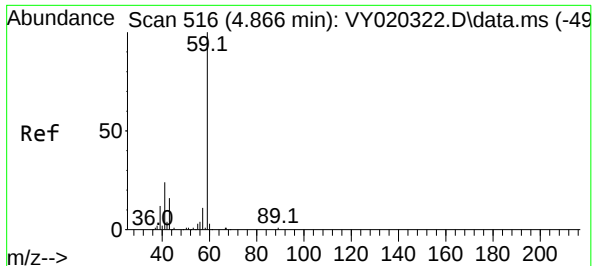
Tgt Ion:101 Resp: 523834  
Ion Ratio Lower Upper  
101 100  
85 47.1 39.1 58.7  
151 73.0 55.8 83.6



#10  
Methyl Iodide  
Concen: 170.500 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

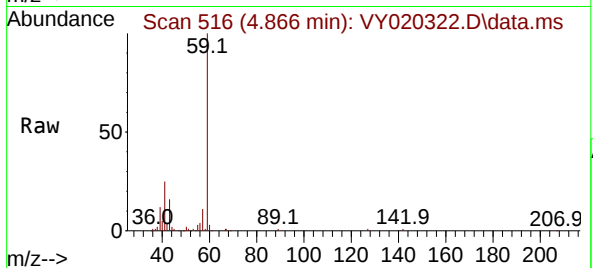
Tgt Ion:142 Resp: 562612  
Ion Ratio Lower Upper  
142 100  
127 48.3 39.1 58.7  
141 14.6 12.1 18.1



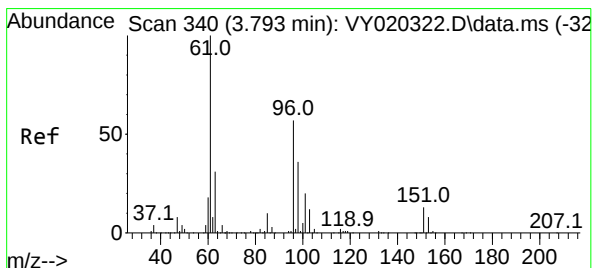
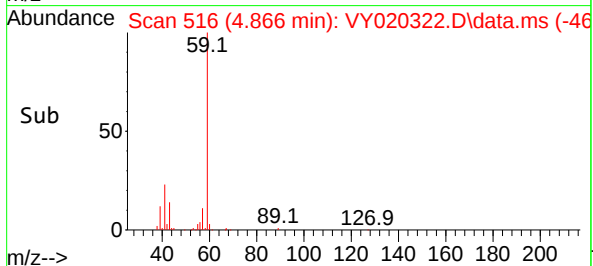
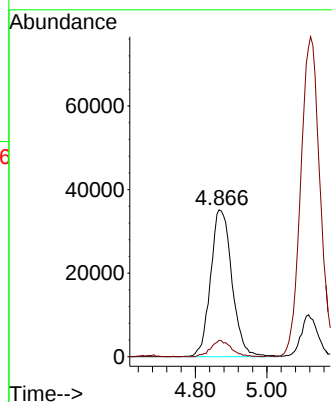


#11  
Tert butyl alcohol  
Concen: 726.675 ug/l  
RT: 4.866 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

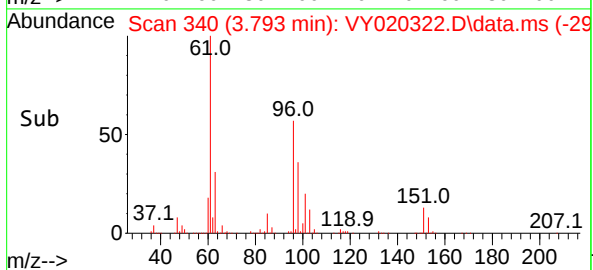
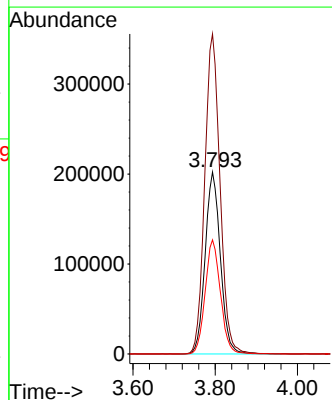
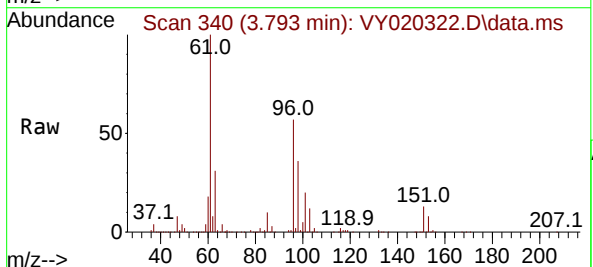


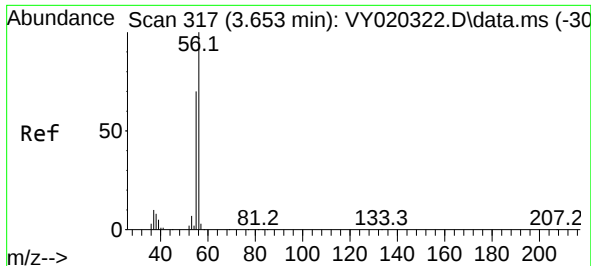
Tgt Ion: 59 Resp: 145906  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 163.975 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 96 Resp: 519598  
Ion Ratio Lower Upper  
96 100  
61 175.8 138.7 208.1  
98 62.7 47.9 71.9

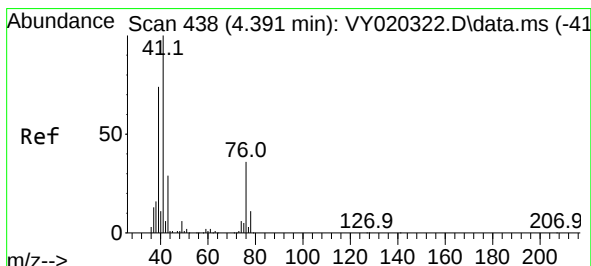
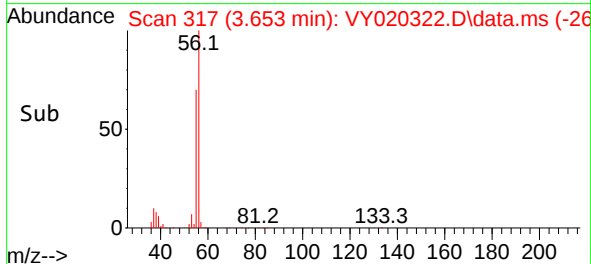
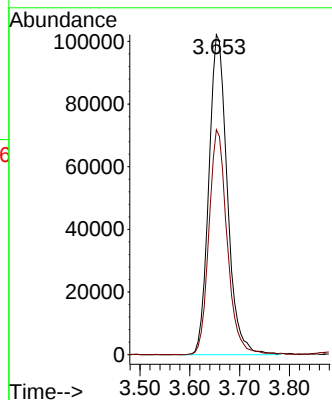
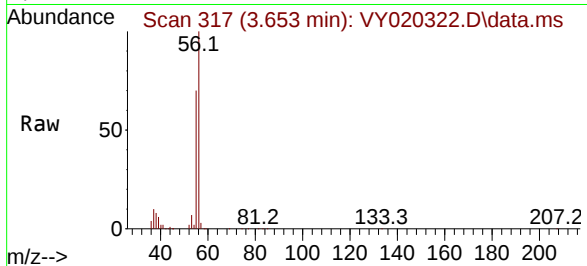




#13  
Acrolein  
Concen: 797.468 ug/l  
RT: 3.653 min Scan# 317  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

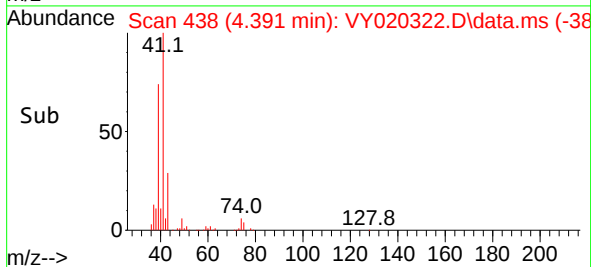
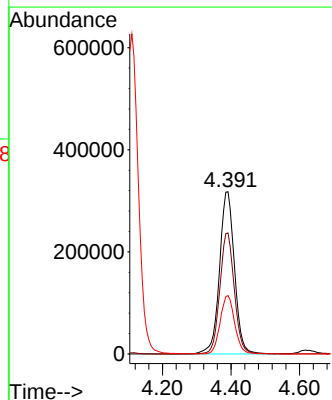
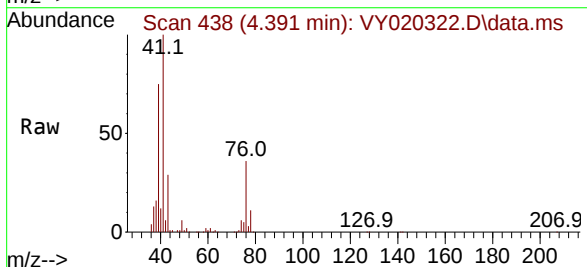
Instrument :  
MSVOA\_Y  
ClientSampleId :

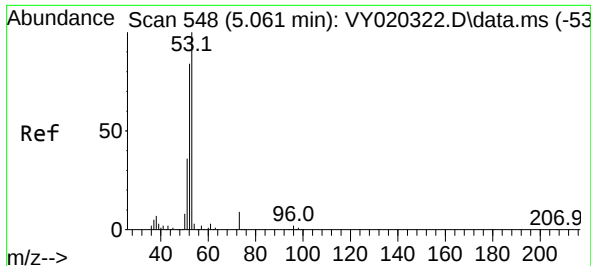
Tgt Ion: 56 Resp: 263006  
Ion Ratio Lower Upper  
56 100  
55 69.4 54.6 81.8



#14  
Allyl chloride  
Concen: 172.692 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

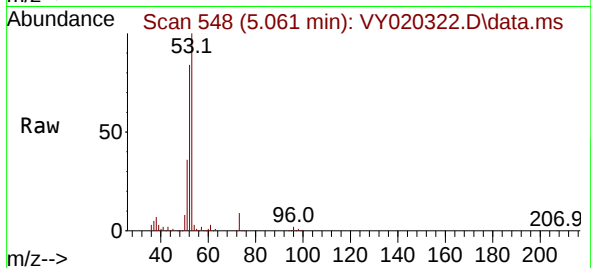
Tgt Ion: 41 Resp: 959461  
Ion Ratio Lower Upper  
41 100  
39 72.4 59.2 88.8  
76 34.7 29.0 43.4



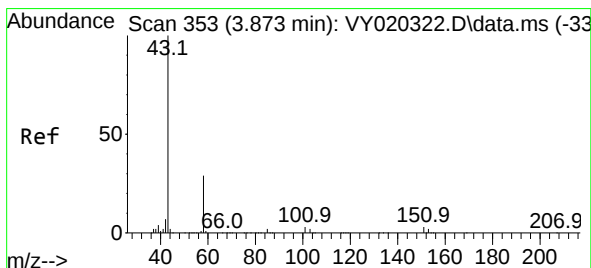
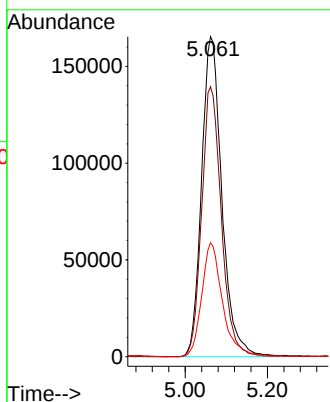
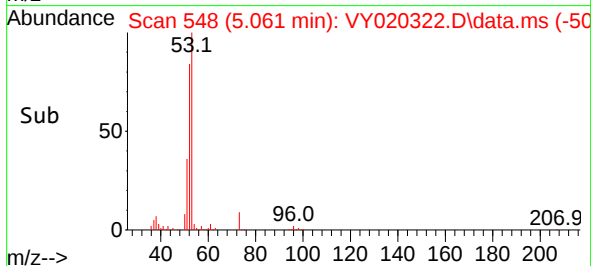


#15  
Acrylonitrile  
Concen: 775.918 ug/l  
RT: 5.061 min Scan# 548  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

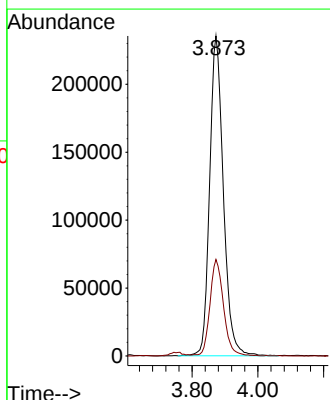
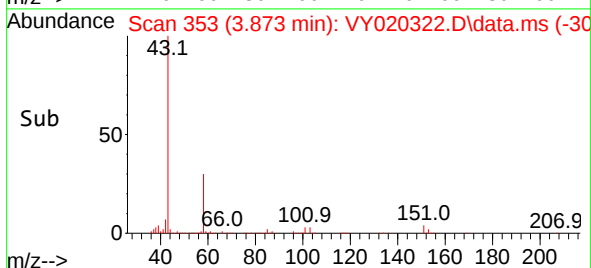
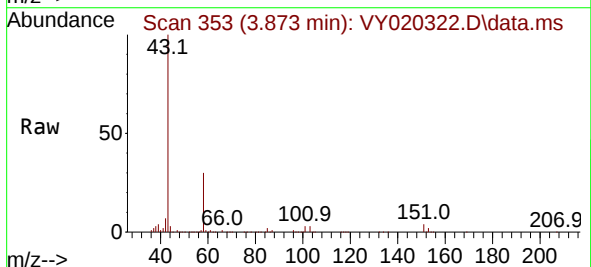


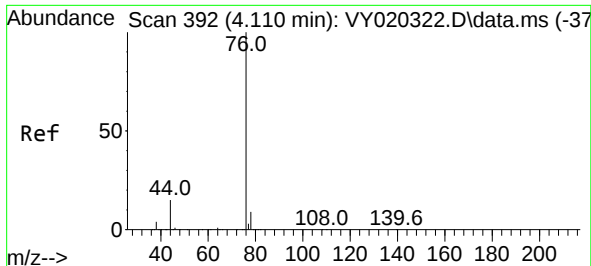
Tgt Ion: 53 Resp: 567569  
Ion Ratio Lower Upper  
53 100  
52 81.6 66.2 99.2  
51 36.3 29.8 44.8



#16  
Acetone  
Concen: 791.262 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 43 Resp: 680542  
Ion Ratio Lower Upper  
43 100  
58 30.1 23.3 34.9

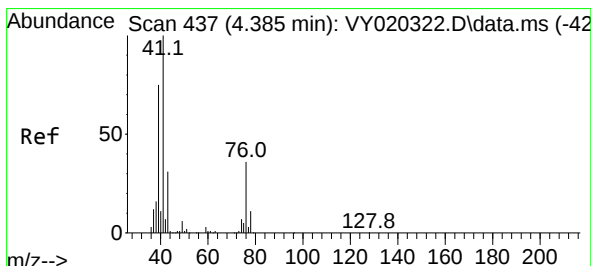
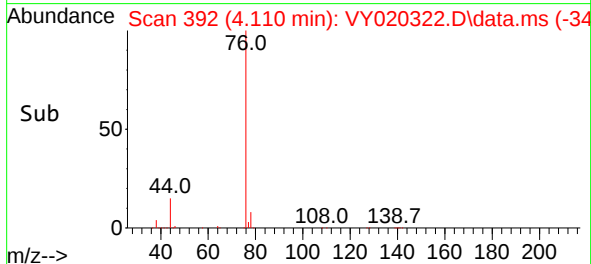
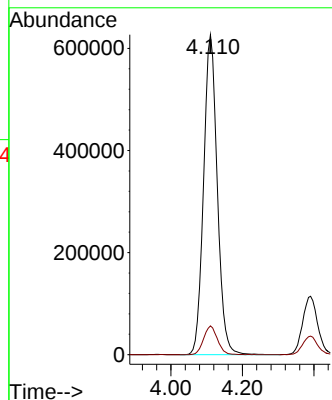
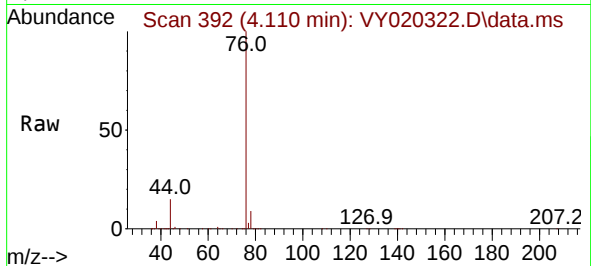




#17  
Carbon Disulfide  
Concen: 166.601 ug/l  
RT: 4.110 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

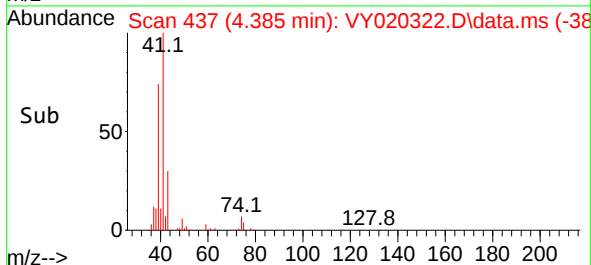
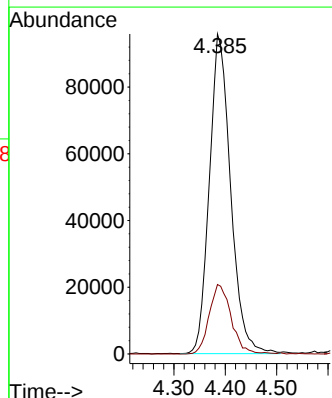
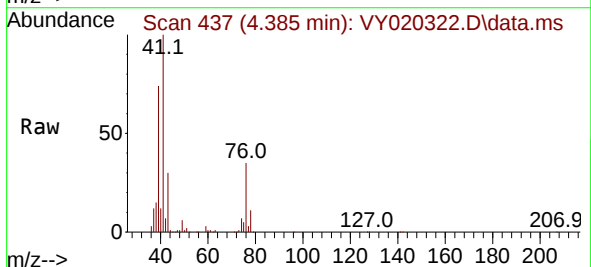
Instrument :  
MSVOA\_Y  
ClientSampleId :

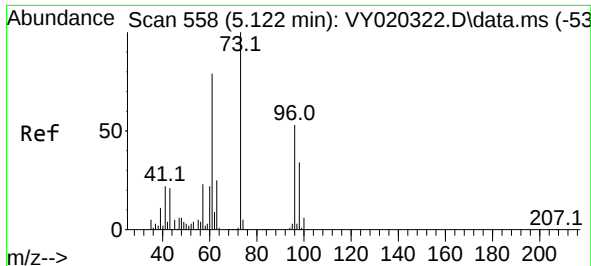
Tgt Ion: 76 Resp: 1663918  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 156.310 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 43 Resp: 274680  
Ion Ratio Lower Upper  
43 100  
74 22.5 18.3 27.5

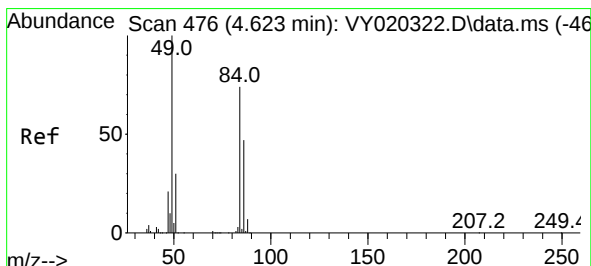
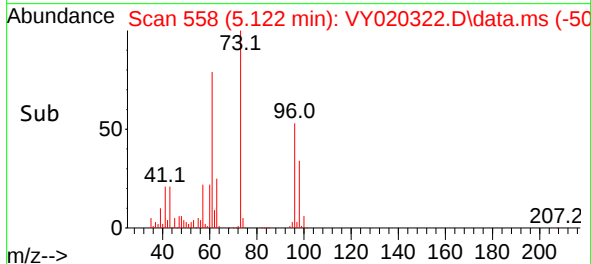
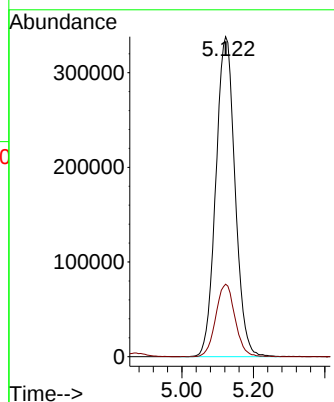
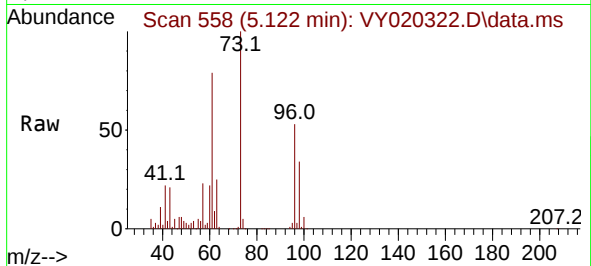




#19  
Methyl tert-butyl Ether  
Concen: 155.168 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

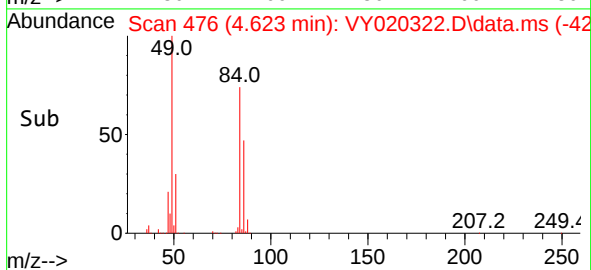
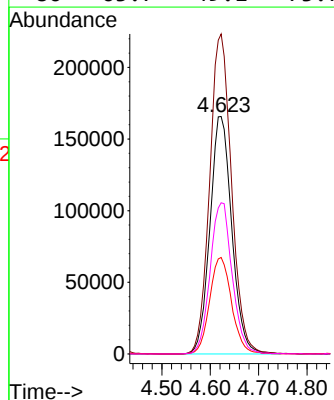
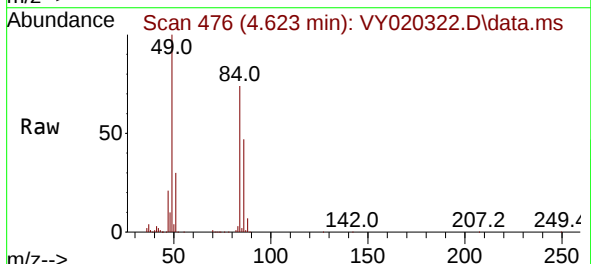
Instrument :  
MSVOA\_Y  
ClientSampleId :

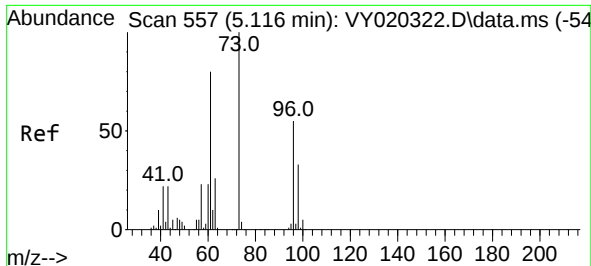
Tgt Ion: 73 Resp: 1260974  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.0 27.0



#20  
Methylene Chloride  
Concen: 147.195 ug/l  
RT: 4.623 min Scan# 476  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 84 Resp: 519662  
Ion Ratio Lower Upper  
84 100  
49 134.7 105.0 157.6  
51 40.6 33.4 50.0  
86 63.7 49.1 73.7

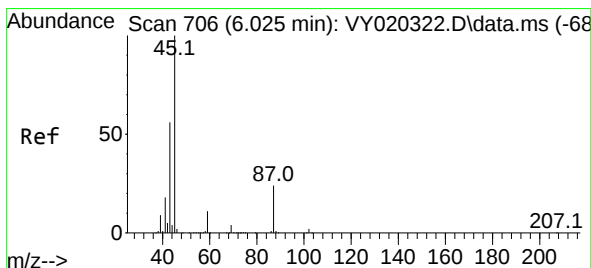
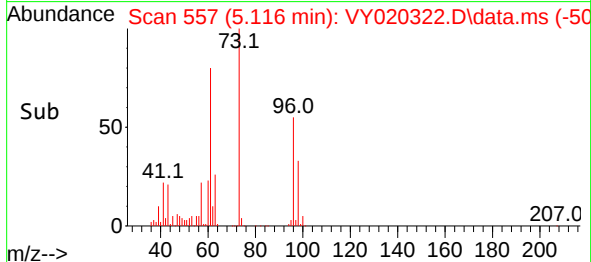
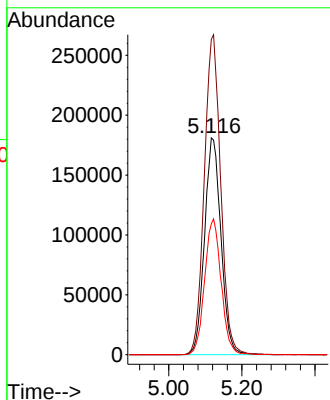
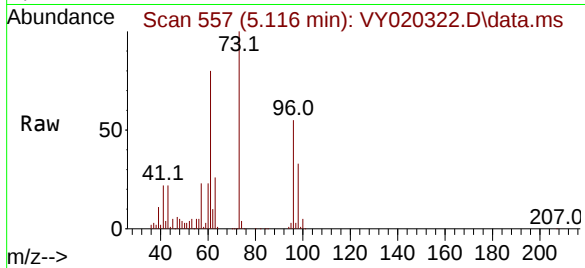




#21  
trans-1,2-Dichloroethene  
Concen: 157.980 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

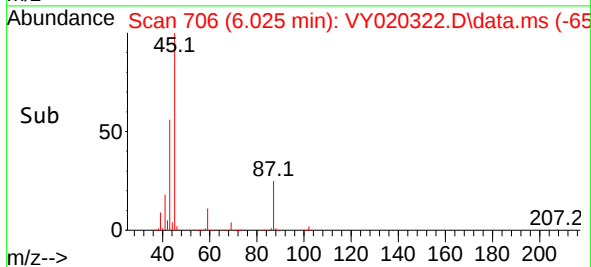
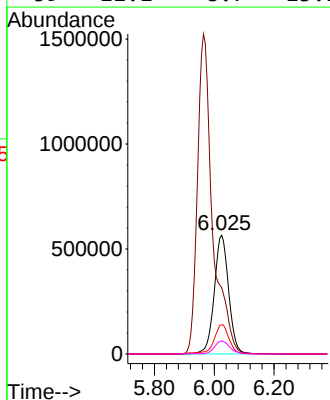
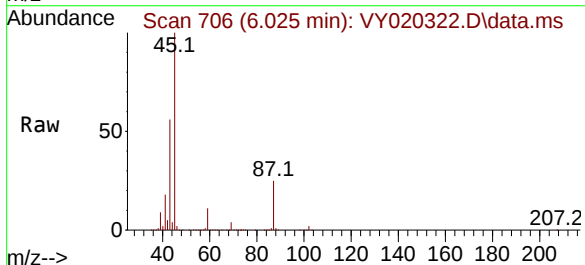
Instrument :  
MSVOA\_Y  
ClientSampleId :

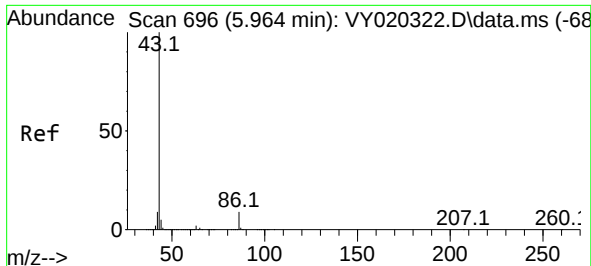
Tgt Ion: 96 Resp: 564588  
Ion Ratio Lower Upper  
96 100  
61 145.5 113.8 170.6  
98 60.3 51.4 77.2



#22  
Diisopropyl ether  
Concen: 148.715 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 45 Resp: 1888023  
Ion Ratio Lower Upper  
45 100  
43 55.8 46.7 70.1  
87 24.6 19.5 29.3  
59 11.1 8.7 13.1

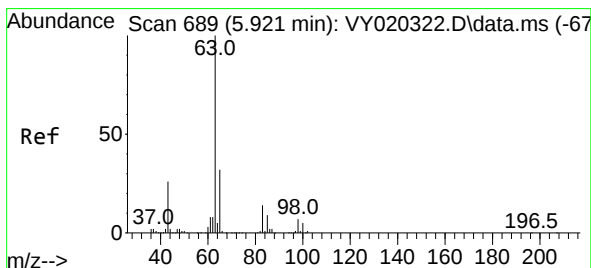
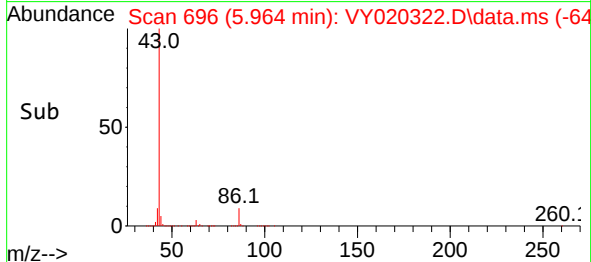
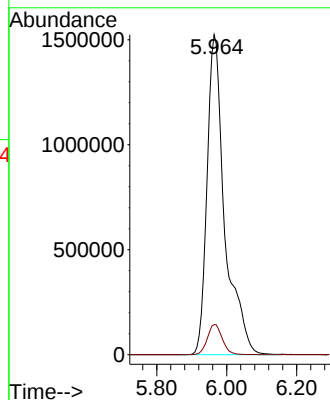
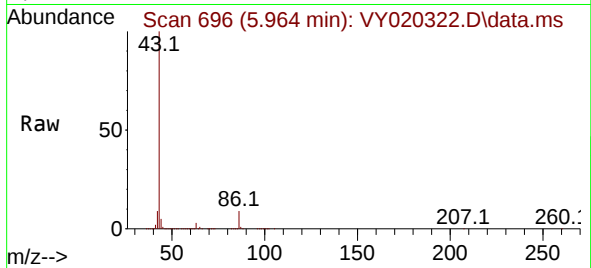




#23  
 Vinyl Acetate  
 Concen: 742.371 ug/l  
 RT: 5.964 min Scan# 696  
 Delta R.T. -0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

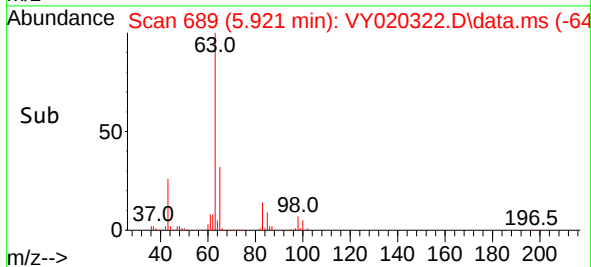
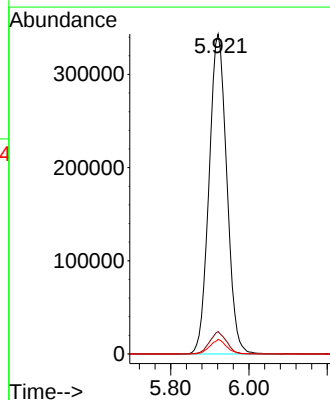
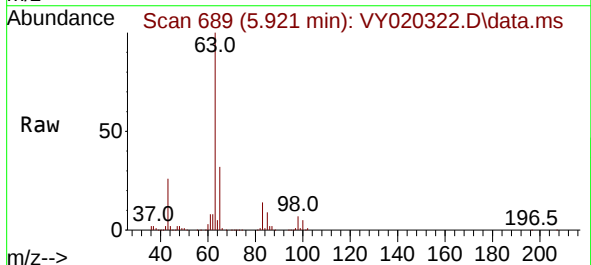
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

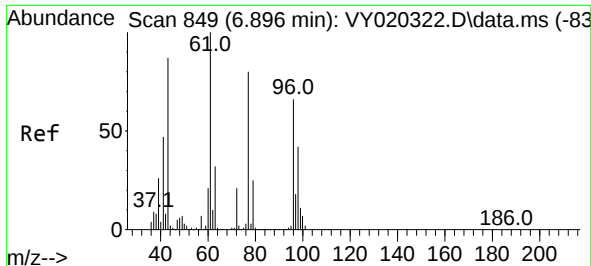
Tgt Ion: 43 Resp: 5349899  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.4 11.0



#24  
 1,1-Dichloroethane  
 Concen: 143.567 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

Tgt Ion: 63 Resp: 1077160  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.1 9.4  
 100 4.6 2.2 6.6

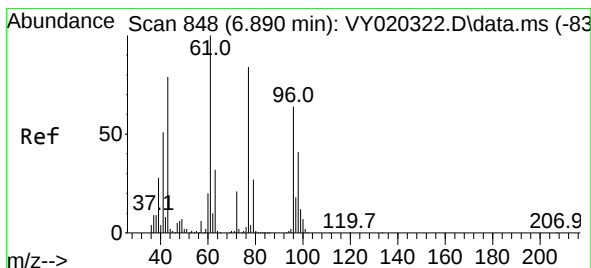
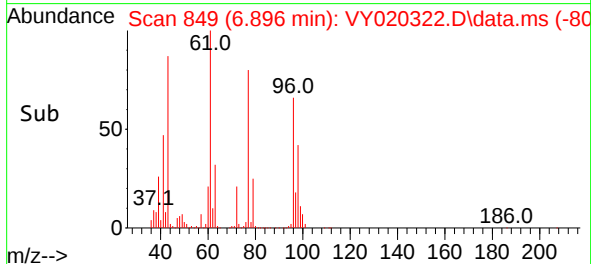
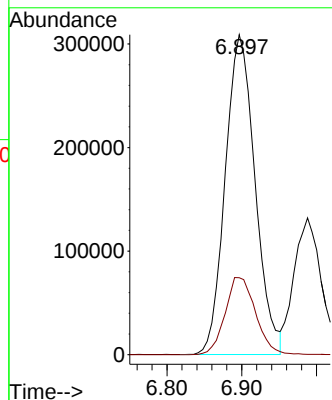
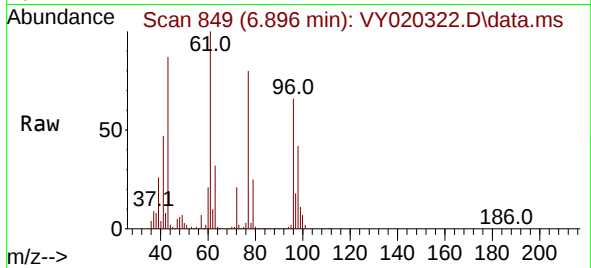




#25  
2-Butanone  
Concen: 694.160 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

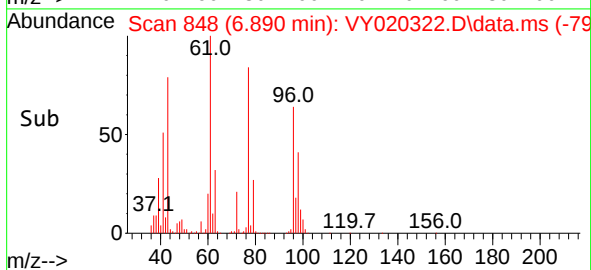
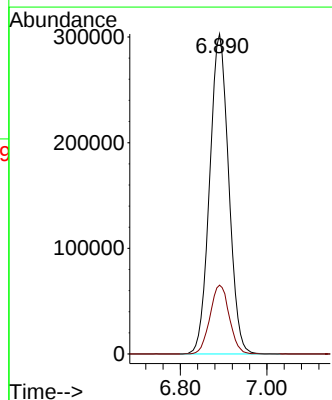
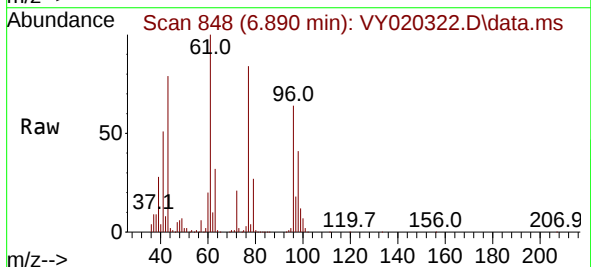
Instrument :  
MSVOA\_Y  
ClientSampleId :

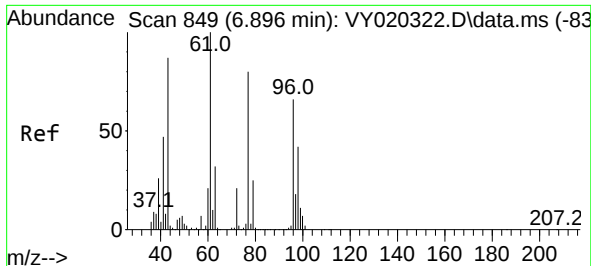
Tgt Ion: 43 Resp: 858370  
Ion Ratio Lower Upper  
43 100  
72 24.1 20.9 31.3



#26  
2,2-Dichloropropane  
Concen: 146.821 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

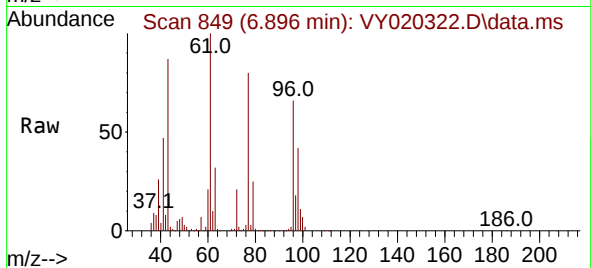
Tgt Ion: 77 Resp: 922461  
Ion Ratio Lower Upper  
77 100  
97 21.9 10.7 31.9



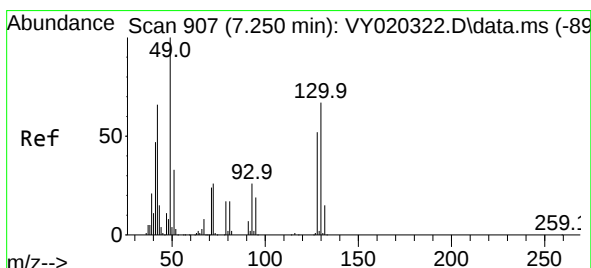
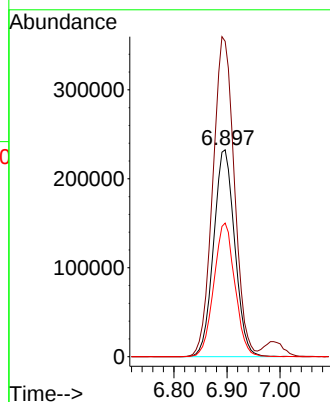
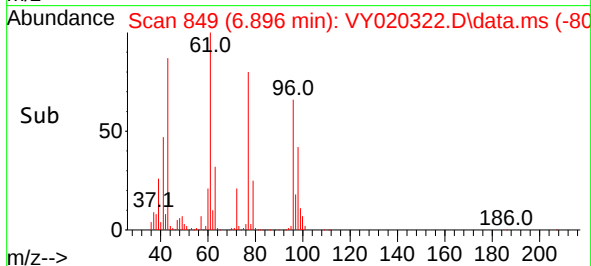


#27  
 cis-1,2-Dichloroethene  
 Concen: 144.487 ug/l  
 RT: 6.896 min Scan# 849  
 Delta R.T. -0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

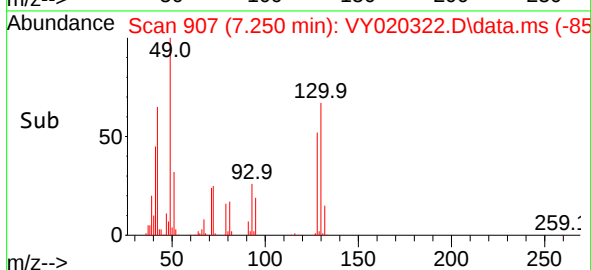
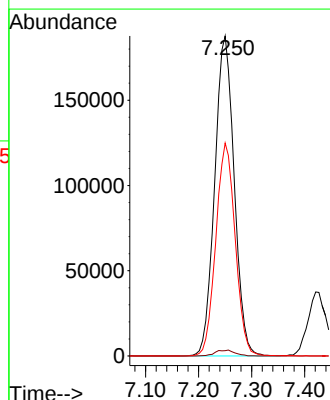
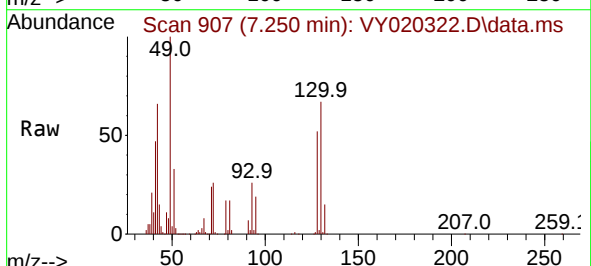


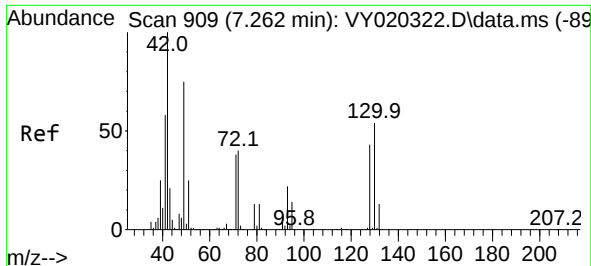
Tgt Ion: 96 Resp: 644658  
 Ion Ratio Lower Upper  
 96 100  
 61 157.6 0.0 301.4  
 98 64.4 0.0 126.0



#28  
 Bromochloromethane  
 Concen: 137.787 ug/l  
 RT: 7.250 min Scan# 907  
 Delta R.T. 0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

Tgt Ion: 49 Resp: 479816  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 3.6  
 130 66.1 51.6 77.4





#29

Tetrahydrofuran

Concen: 641.743 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

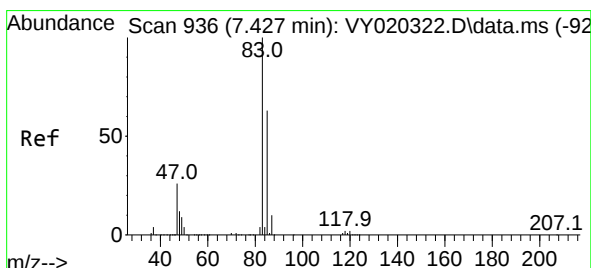
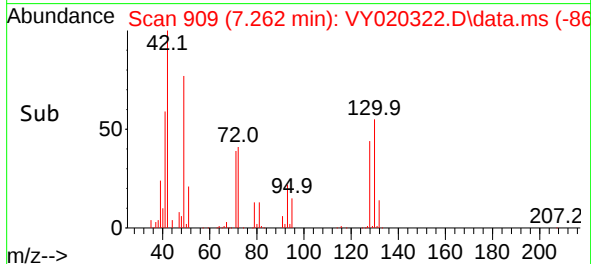
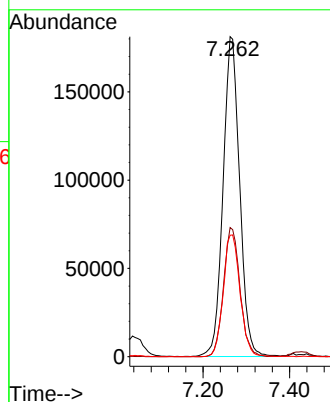
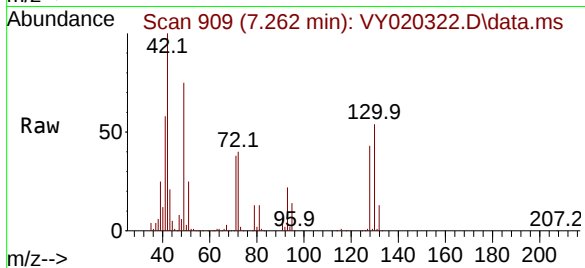
Tgt Ion: 42 Resp: 483569

Ion Ratio Lower Upper

42 100

72 40.3 32.3 48.5

71 38.6 30.6 45.8



#30

Chloroform

Concen: 127.991 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY020322.D

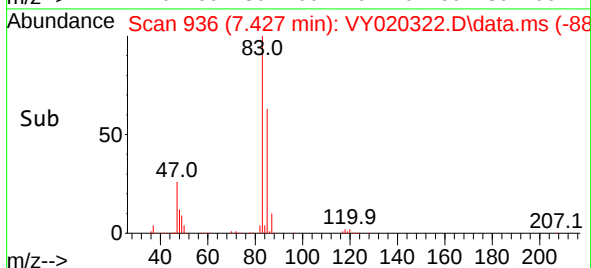
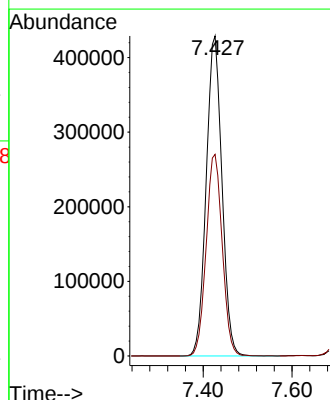
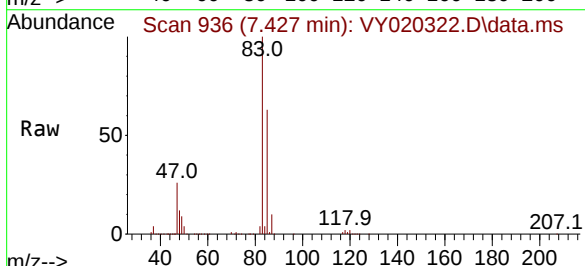
Acq: 17 Nov 2024 13:39

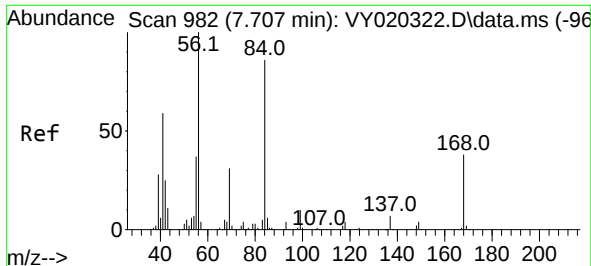
Tgt Ion: 83 Resp: 1056843

Ion Ratio Lower Upper

83 100

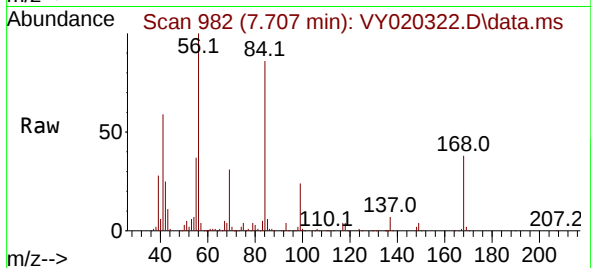
85 63.0 53.1 79.7



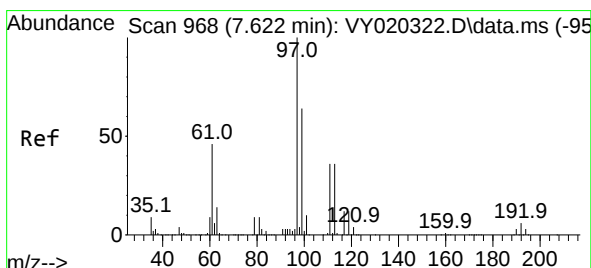
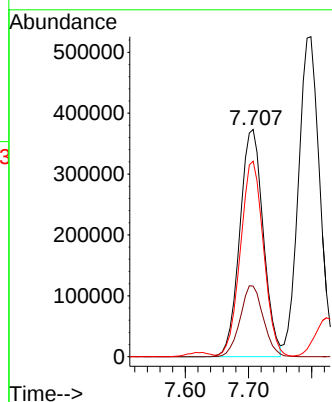
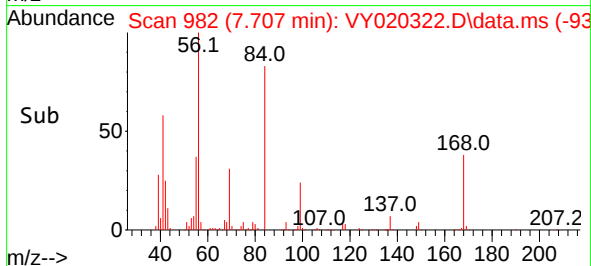


#31  
Cyclohexane  
Concen: 128.100 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

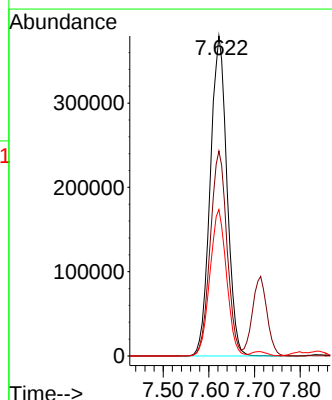
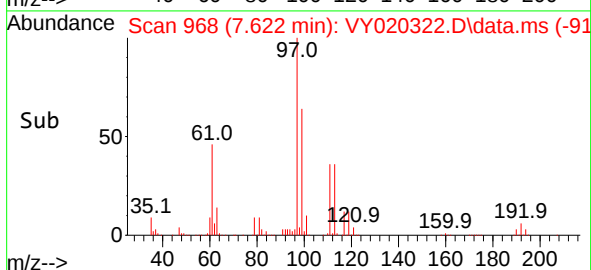
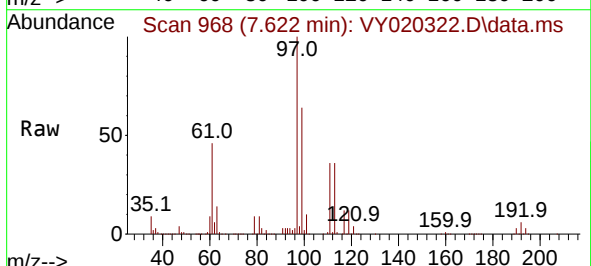


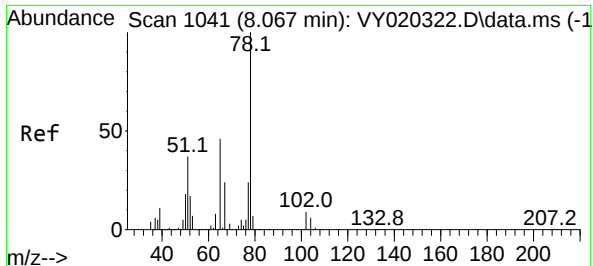
Tgt Ion: 56 Resp: 963836  
Ion Ratio Lower Upper  
56 100  
69 31.1 25.2 37.8  
84 85.7 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 130.585 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 97 Resp: 962241  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.4 75.6  
61 45.9 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 151.733 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

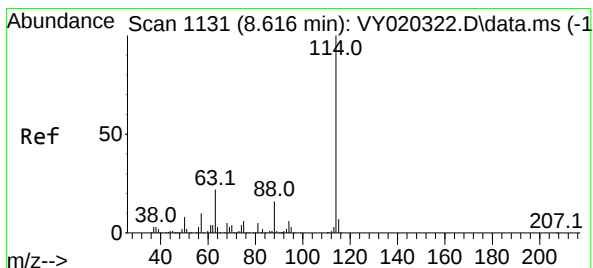
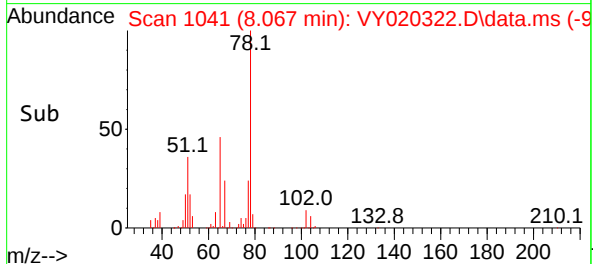
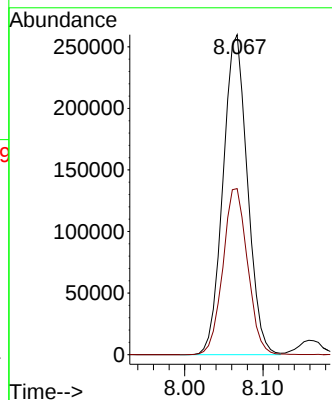
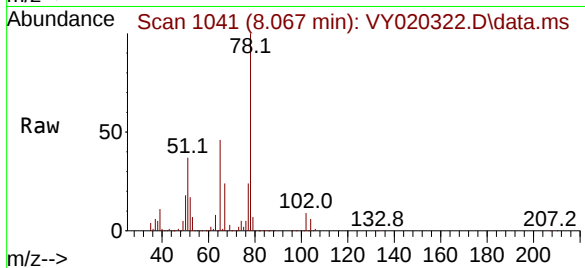
ClientSampleId :

Tgt Ion: 65 Resp: 562490

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

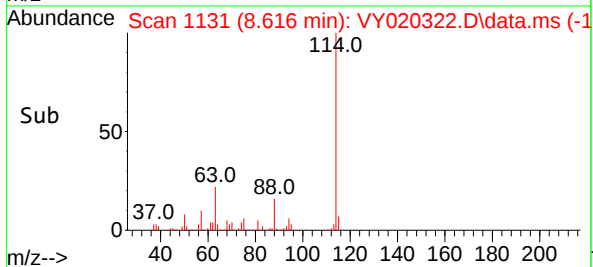
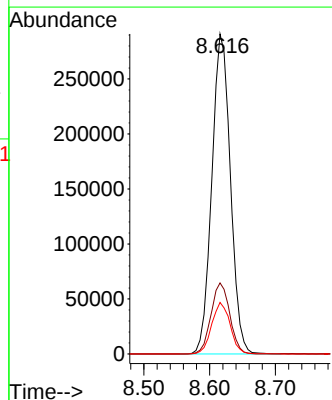
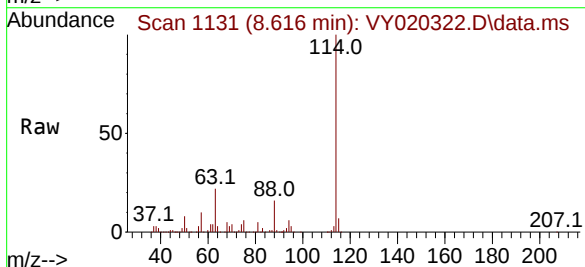
Tgt Ion: 114 Resp: 572262

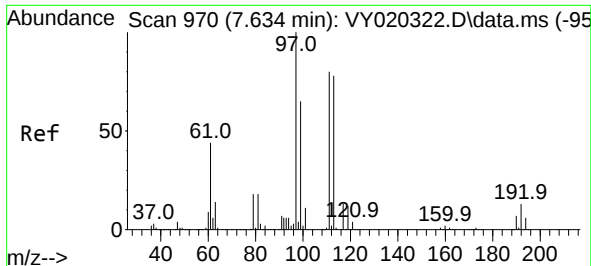
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

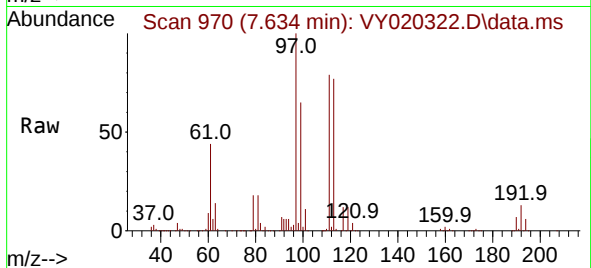
88 16.1 0.0 31.8



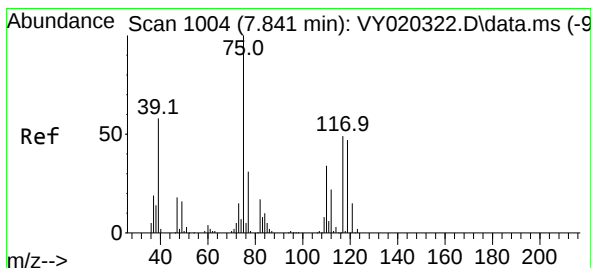
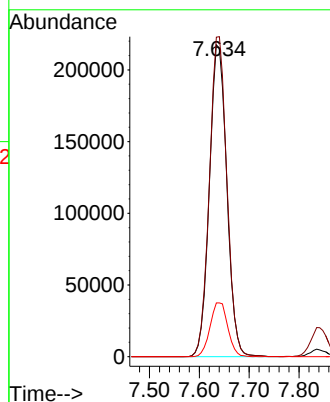
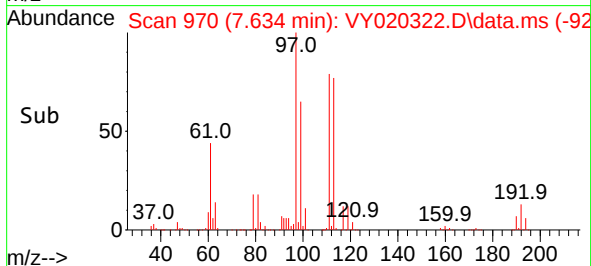


#35  
Dibromofluoromethane  
Concen: 132.307 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

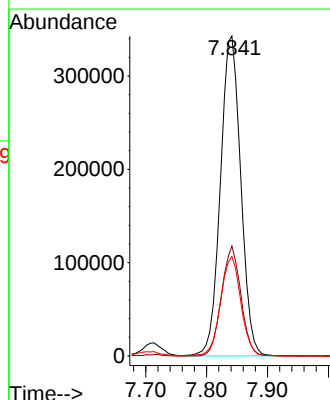
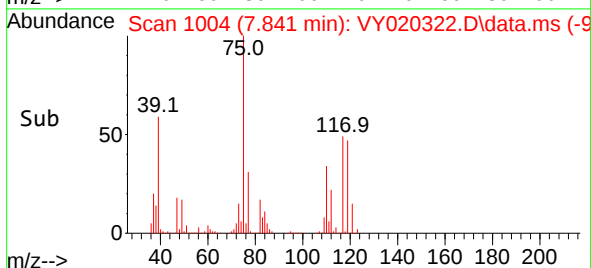
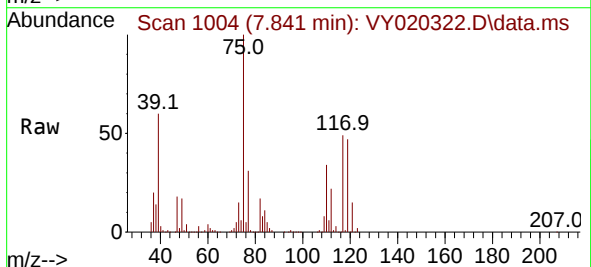


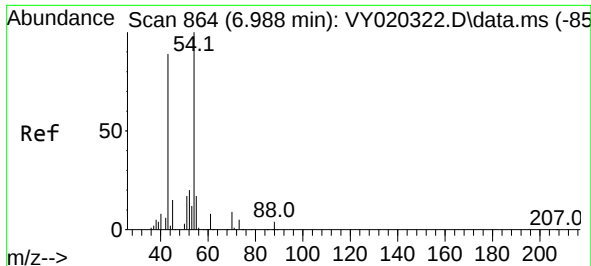
Tgt Ion:113 Resp: 528506  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.1 124.7  
192 17.6 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 131.759 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 75 Resp: 794620  
Ion Ratio Lower Upper  
75 100  
110 32.8 16.7 50.0  
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 121.708 ug/l

RT: 6.988 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

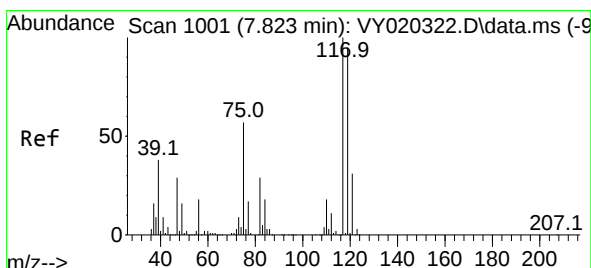
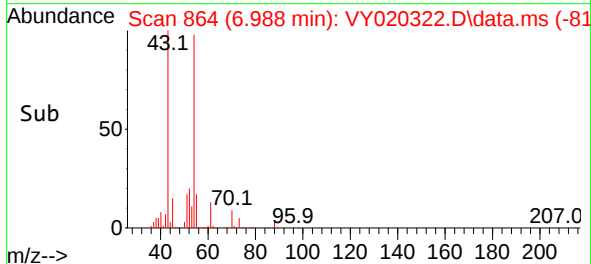
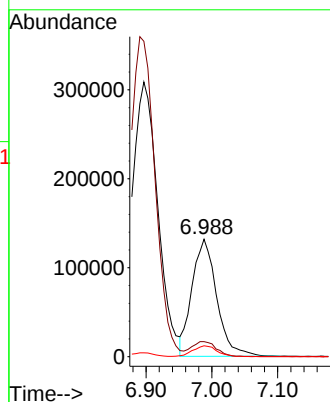
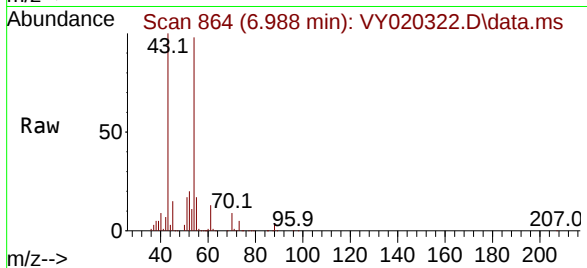
Tgt Ion: 43 Resp: 343796

Ion Ratio Lower Upper

43 100

61 12.7 11.0 16.4

70 9.2 7.0 10.4



#38

Carbon Tetrachloride

Concen: 128.761 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

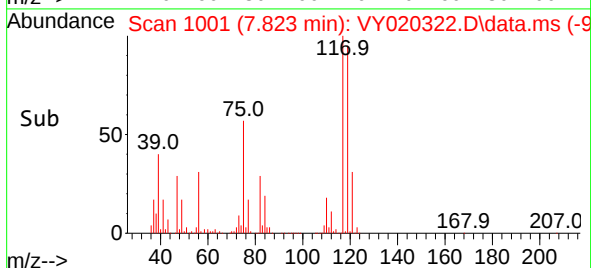
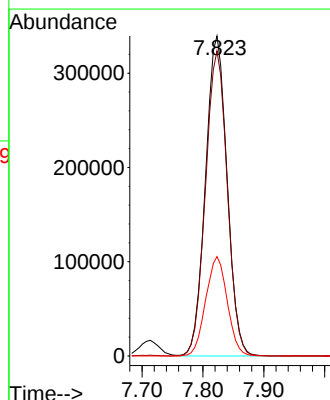
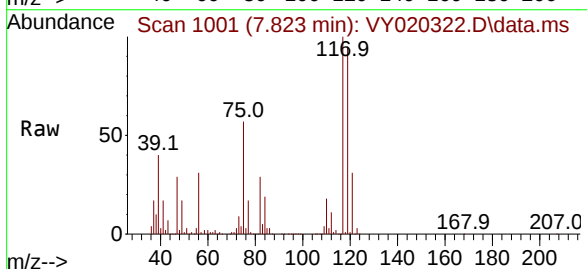
Tgt Ion: 117 Resp: 836337

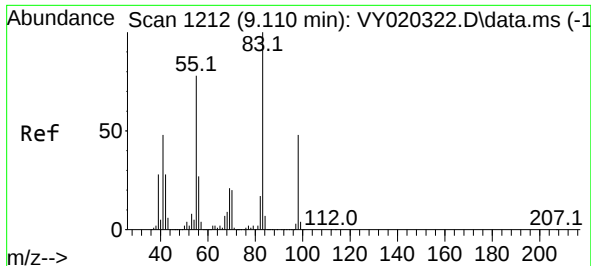
Ion Ratio Lower Upper

117 100

119 95.3 79.9 119.9

121 31.1 24.6 36.8





#39

Methylcyclohexane

Concen: 132.760 ug/l

RT: 9.110 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

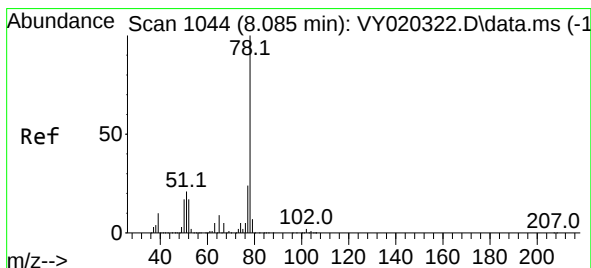
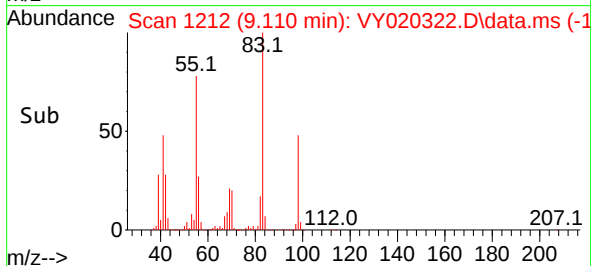
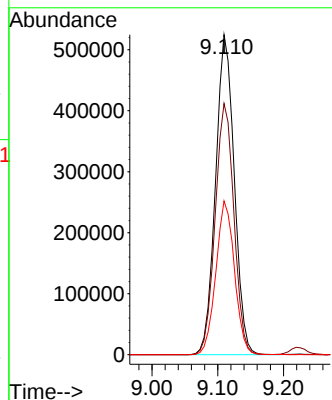
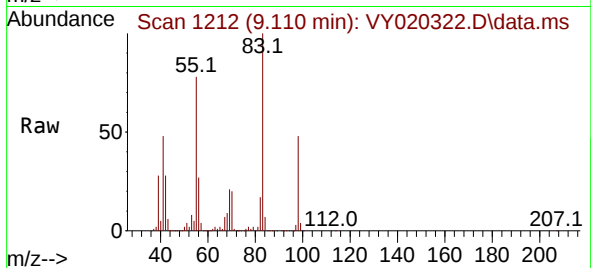
Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 83 Resp: 1040198

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.5  | 64.2  | 96.4  |
| 98  | 48.1  | 37.9  | 56.9  |



#40

Benzene

Concen: 135.719 ug/l

RT: 8.085 min Scan# 1044

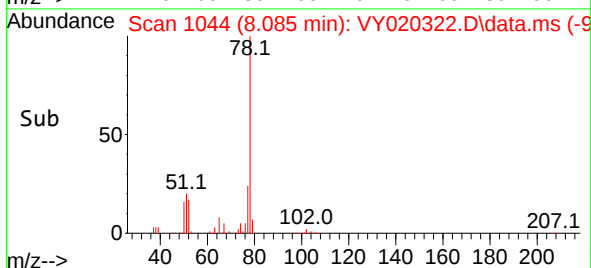
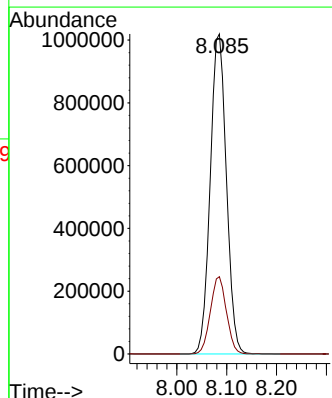
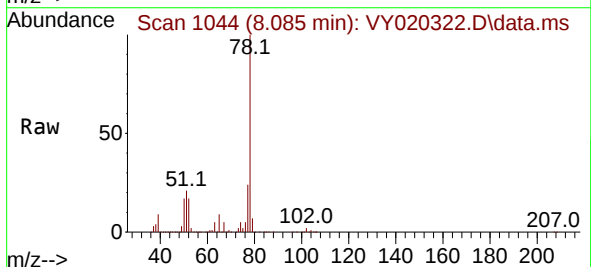
Delta R.T. 0.000 min

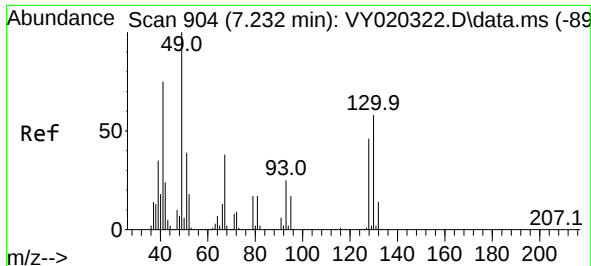
Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Tgt Ion: 78 Resp: 2291008

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.1  | 19.7  | 29.5  |

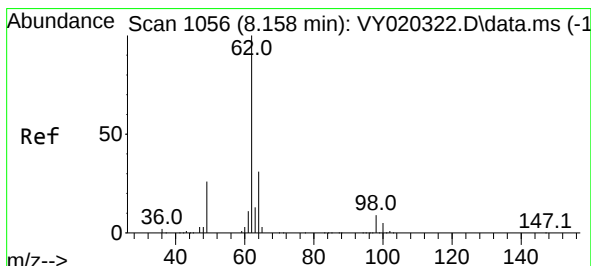
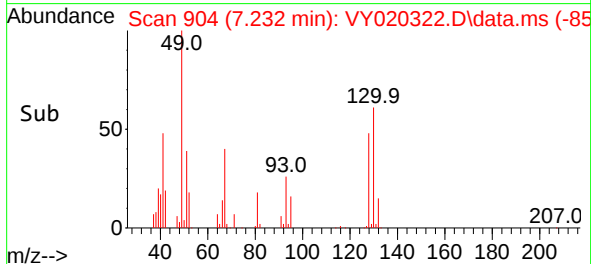
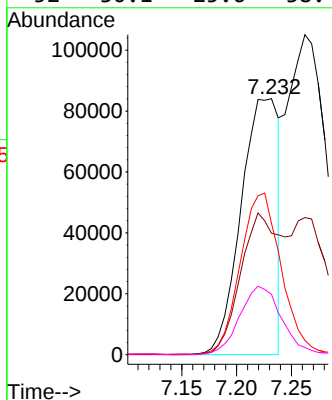
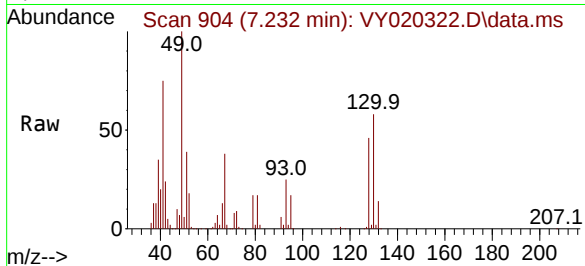




#41  
Methacrylonitrile  
Concen: 124.710 ug/l  
RT: 7.232 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

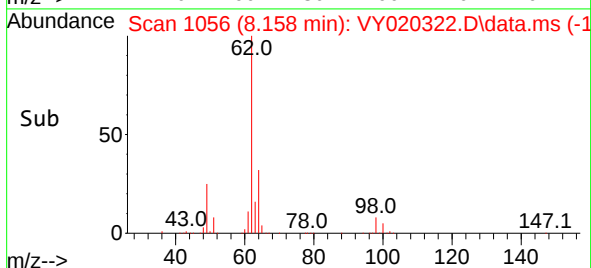
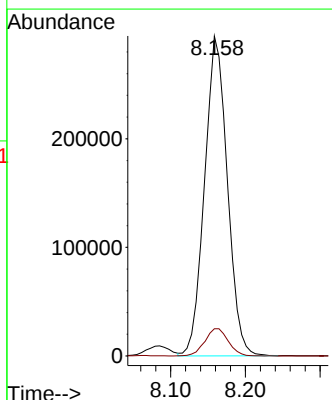
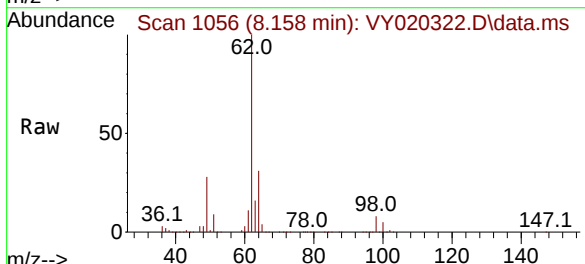
Instrument :  
MSVOA\_Y  
ClientSampleId :

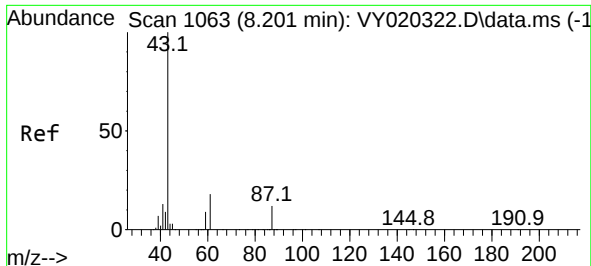
Tgt Ion: 41 Resp: 200515  
Ion Ratio Lower Upper  
41 100  
39 60.0 41.8 62.6  
67 69.2 59.7 89.5  
52 30.1 25.6 38.4



#42  
1,2-Dichloroethane  
Concen: 137.650 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 62 Resp: 623694  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 17.2

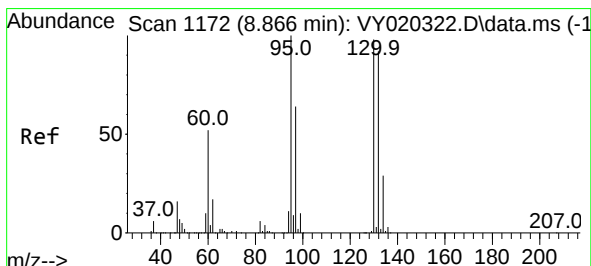
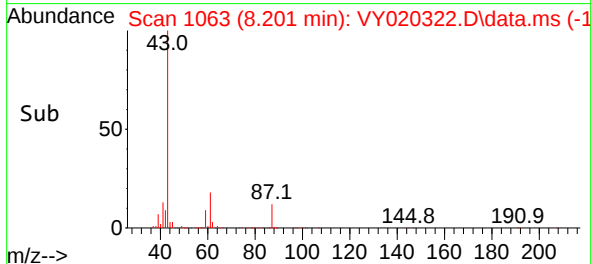
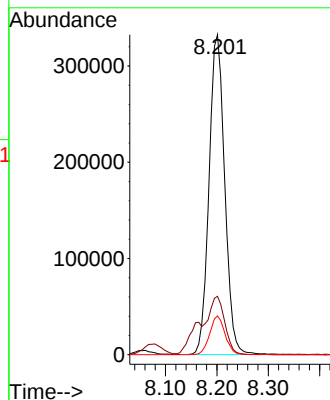
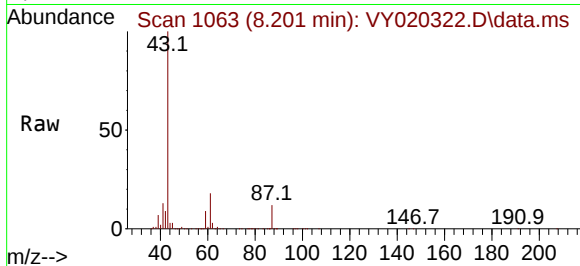




#43  
Isopropyl Acetate  
Concen: 141.182 ug/l  
RT: 8.201 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

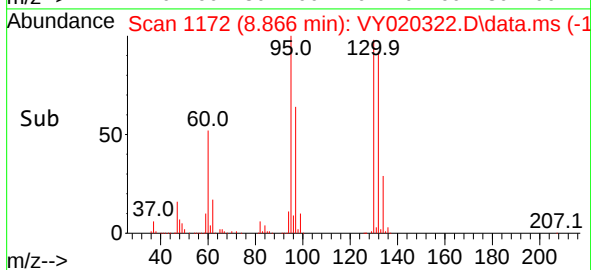
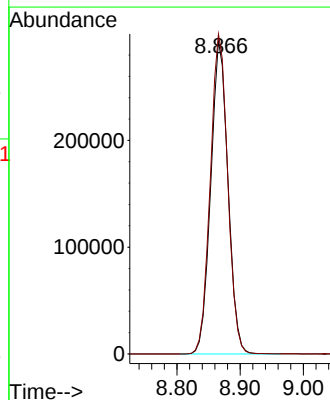
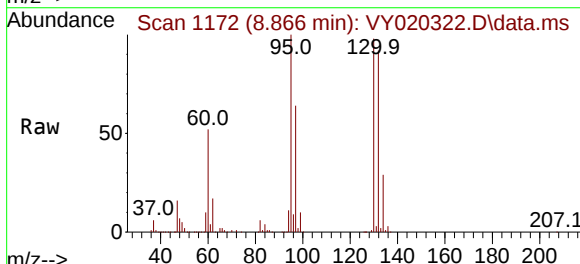
Instrument :  
MSVOA\_Y  
ClientSampleId :

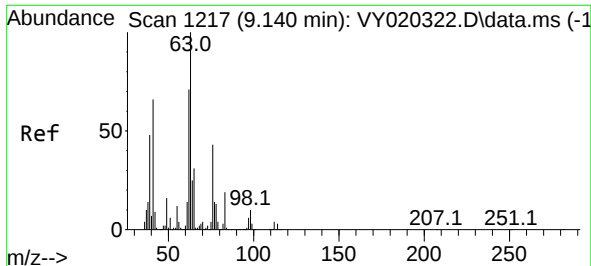
Tgt Ion: 43 Resp: 703618  
Ion Ratio Lower Upper  
43 100  
61 19.4 16.3 24.5  
87 11.9 10.0 15.0



#44  
Trichloroethene  
Concen: 132.872 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion:130 Resp: 554844  
Ion Ratio Lower Upper  
130 100  
95 102.2 0.0 199.4





#45

1,2-Dichloropropane

Concen: 132.560 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

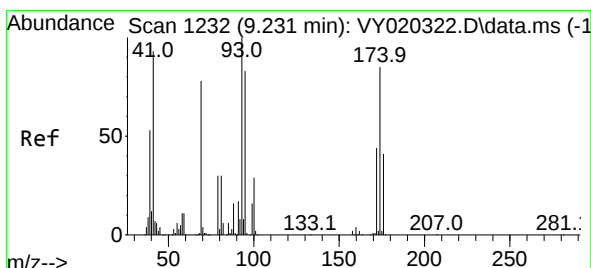
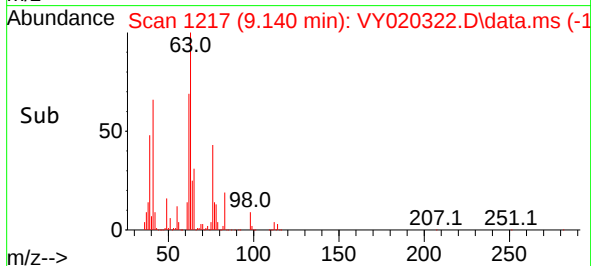
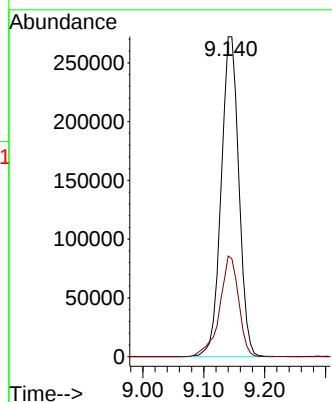
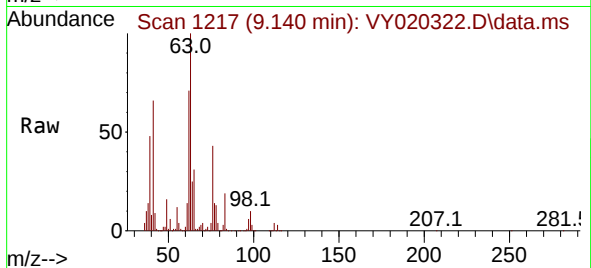
ClientSampleId :

Tgt Ion: 63 Resp: 548405

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 127.855 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

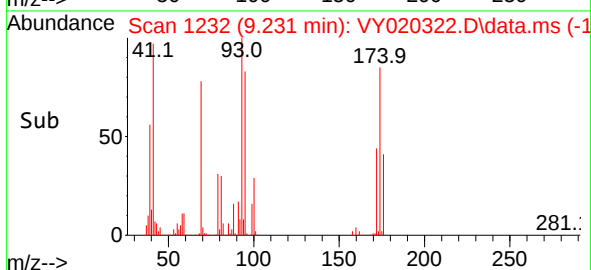
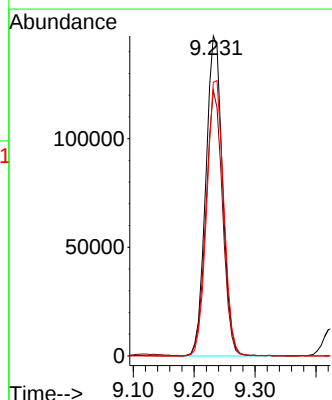
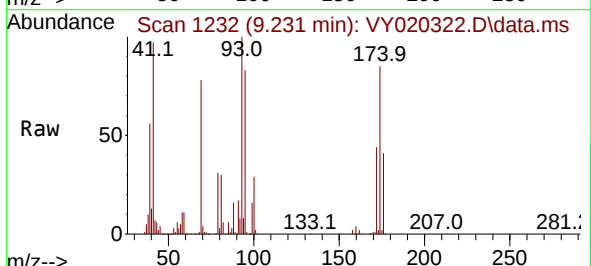
Tgt Ion: 93 Resp: 281700

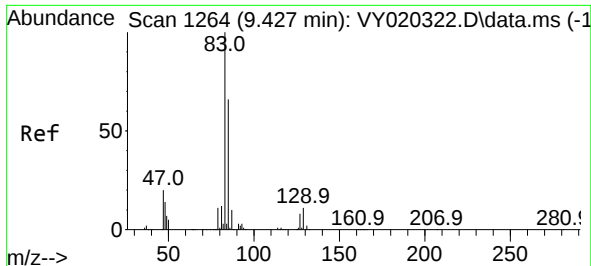
Ion Ratio Lower Upper

93 100

95 82.0 65.5 98.3

174 87.3 68.4 102.6

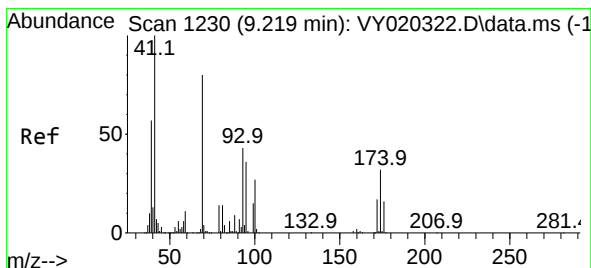
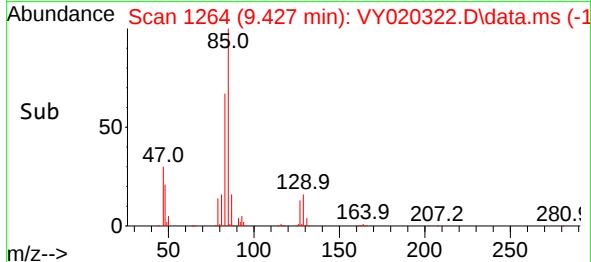
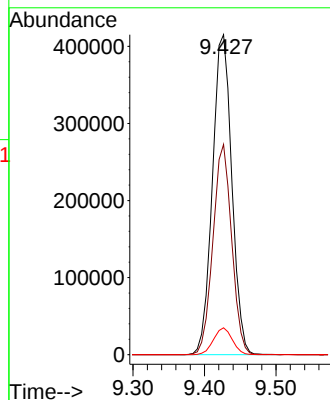
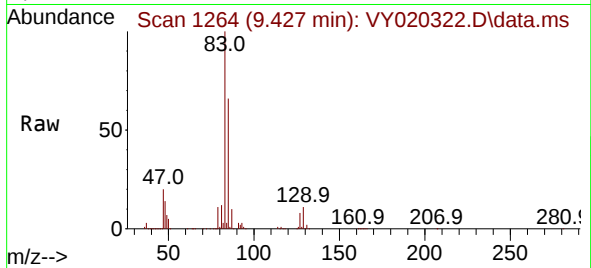




#47  
Bromodichloromethane  
Concen: 126.185 ug/l  
RT: 9.427 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

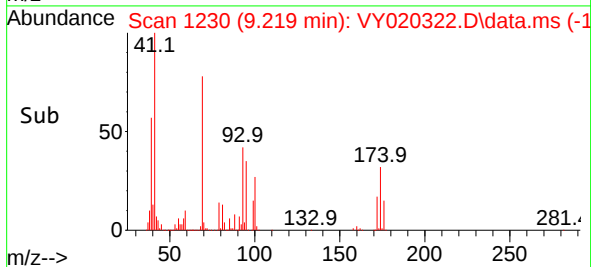
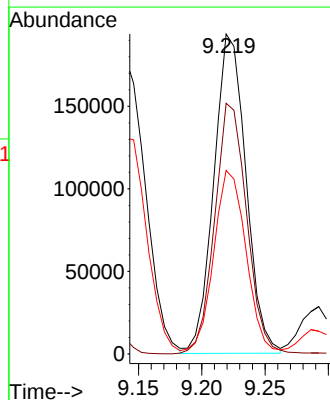
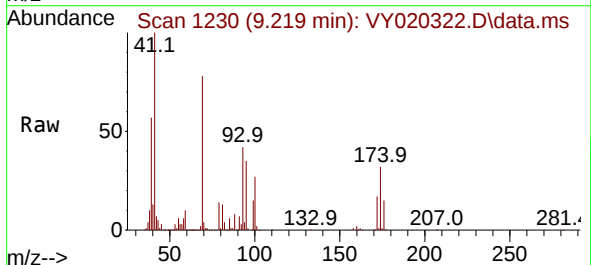
Instrument :  
MSVOA\_Y  
ClientSampleId :

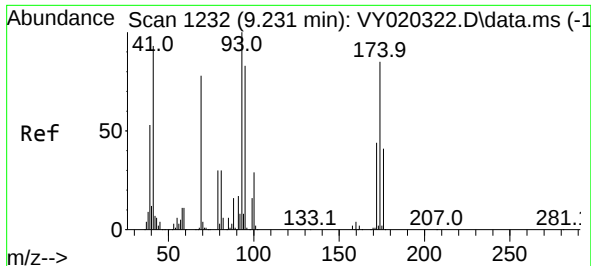
Tgt Ion: 83 Resp: 780202  
Ion Ratio Lower Upper  
83 100  
85 65.7 48.2 72.4  
127 8.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 136.595 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 41 Resp: 341509  
Ion Ratio Lower Upper  
41 100  
69 78.5 64.4 96.6  
39 56.0 46.8 70.2





#49

1,4-Dioxane

Concen: 2520.379 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

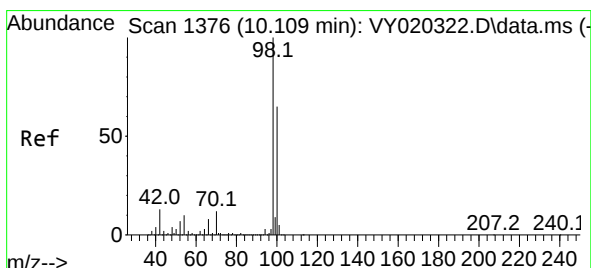
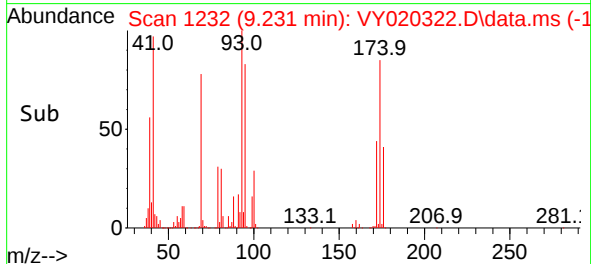
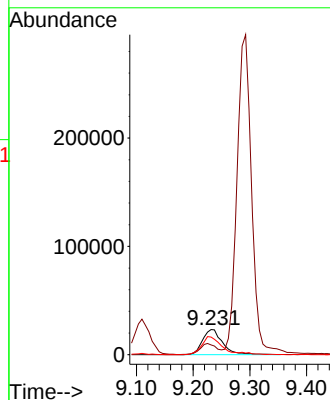
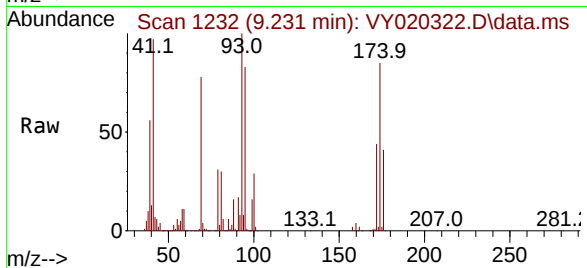
Tgt Ion: 88 Resp: 57354

Ion Ratio Lower Upper

88 100

43 35.4 26.8 40.2

58 74.2 53.7 80.5



#50

Toluene-d8

Concen: 146.675 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020322.D

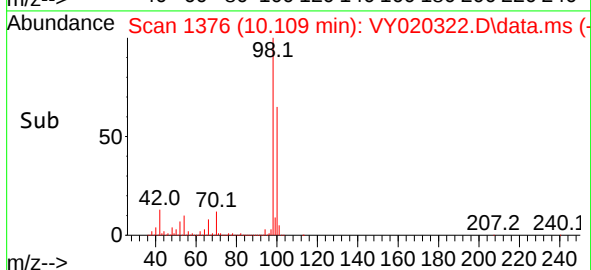
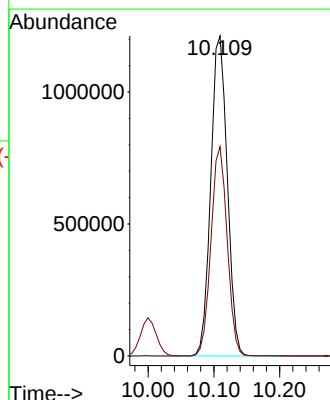
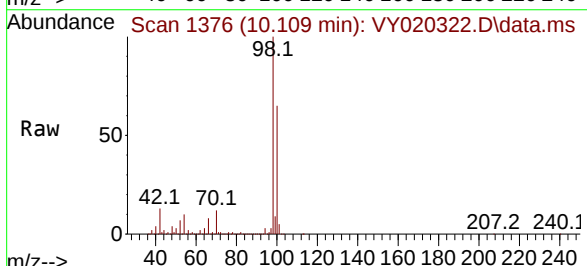
Acq: 17 Nov 2024 13:39

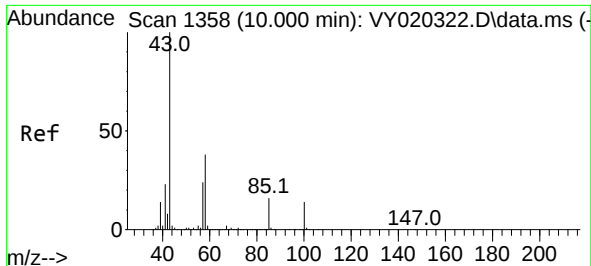
Tgt Ion: 98 Resp: 2114115

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

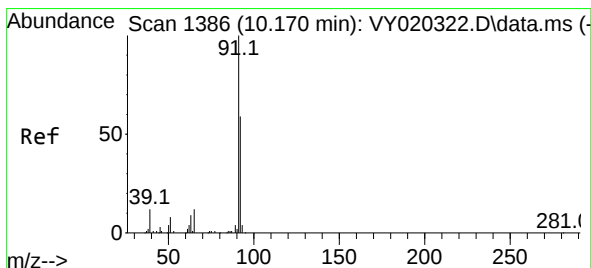
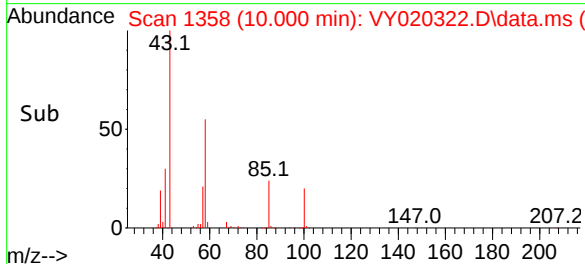
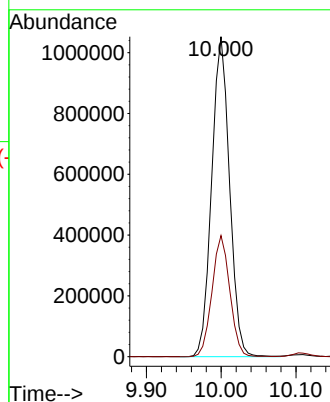
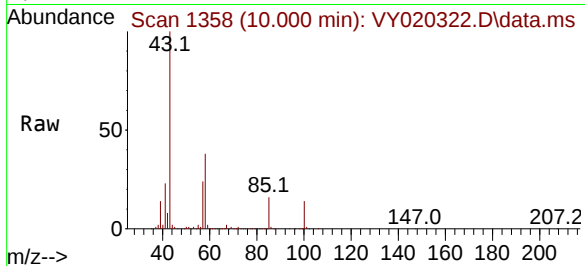




#51  
4-Methyl-2-Pentanone  
Concen: 622.441 ug/l  
RT: 10.000 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

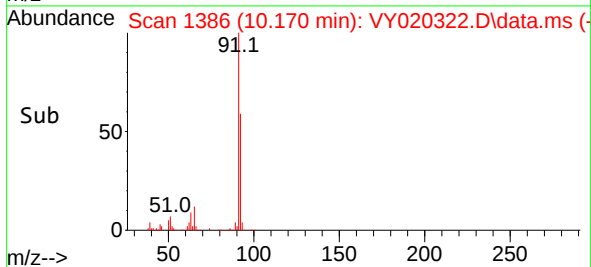
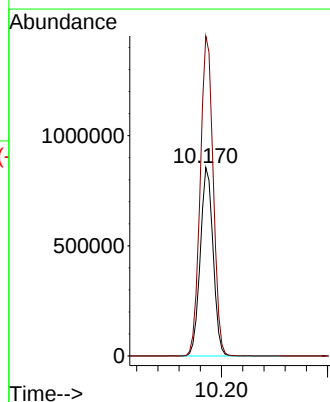
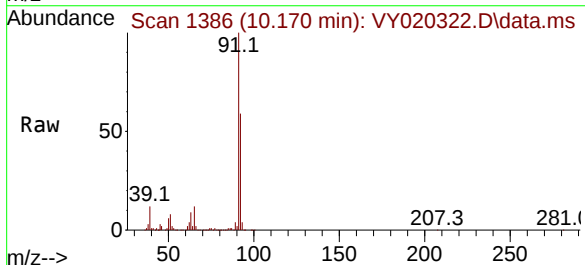
Instrument :  
MSVOA\_Y  
ClientSampleId :

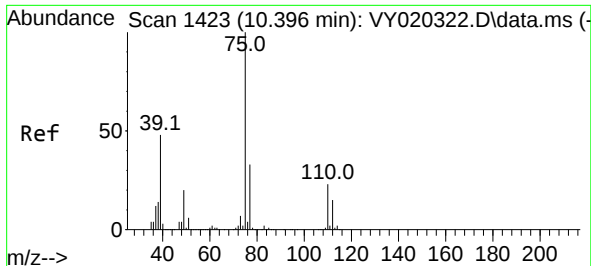
Tgt Ion: 43 Resp: 1752603  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.1 45.1



#52  
Toluene  
Concen: 136.736 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 92 Resp: 1436173  
Ion Ratio Lower Upper  
92 100  
91 172.0 138.6 207.8

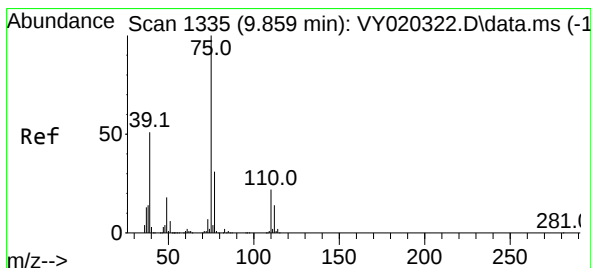
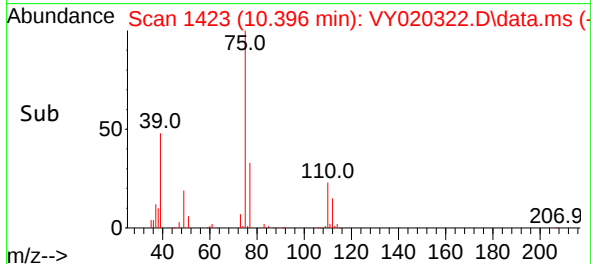
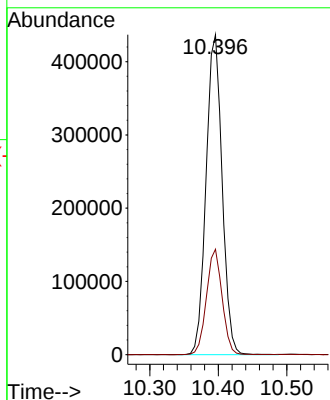
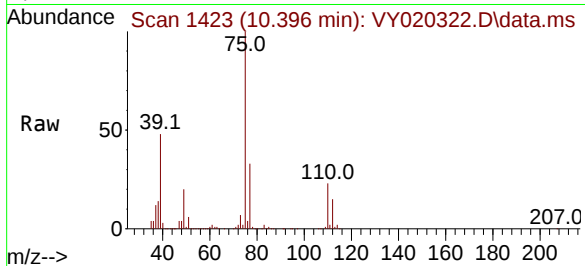




#53  
t-1,3-Dichloropropene  
Concen: 122.348 ug/l  
RT: 10.396 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

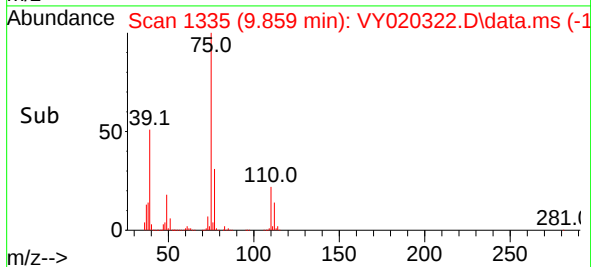
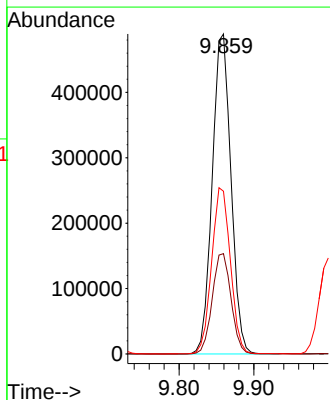
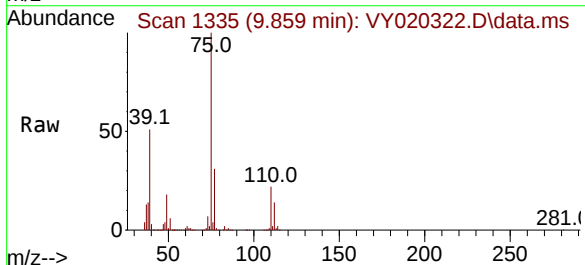
Instrument :  
MSVOA\_Y  
ClientSampleId :

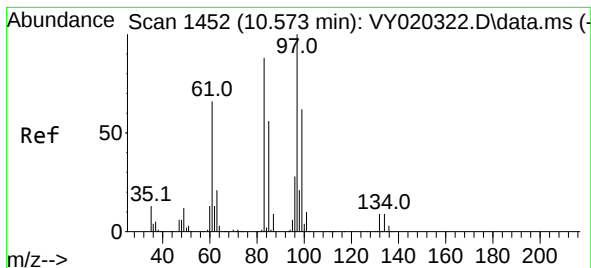
Tgt Ion: 75 Resp: 712105  
Ion Ratio Lower Upper  
75 100  
77 32.9 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 132.533 ug/l  
RT: 9.859 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 75 Resp: 854362  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.4 38.2  
39 50.8 40.6 60.8

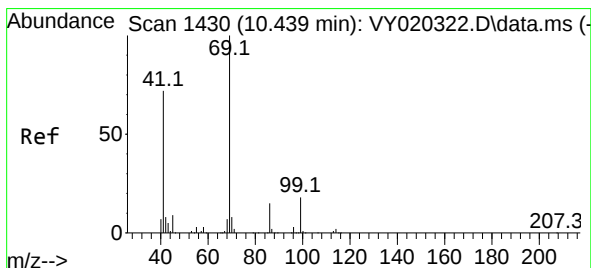
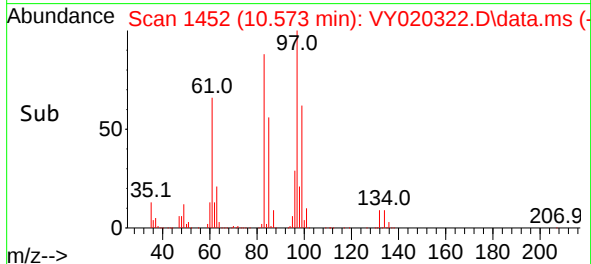
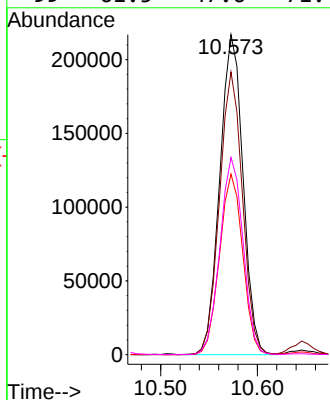
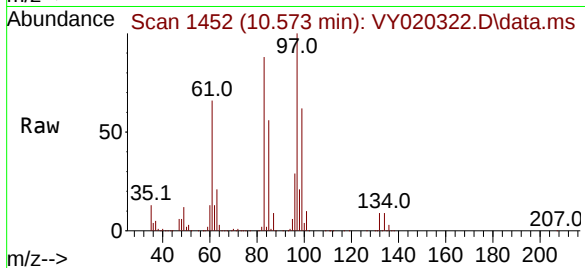




#55  
1,1,2-Trichloroethane  
Concen: 115.355 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

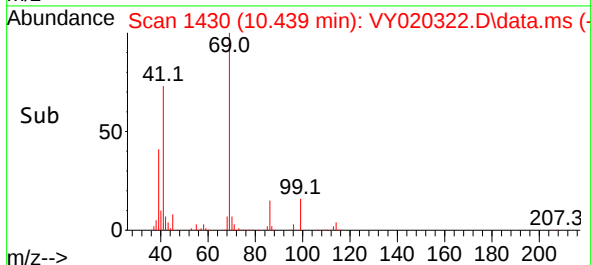
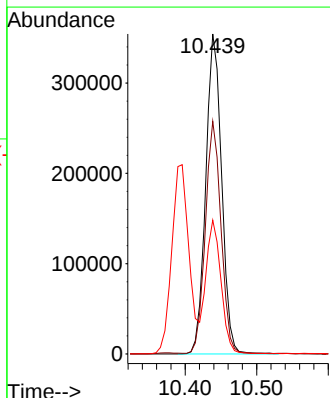
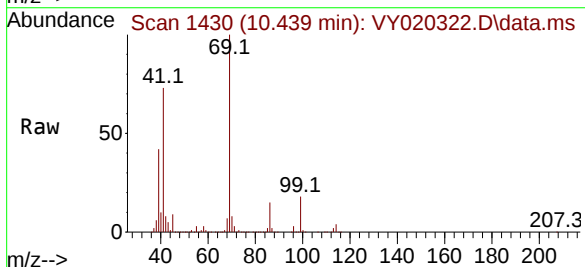
Instrument :  
MSVOA\_Y  
ClientSampleId :

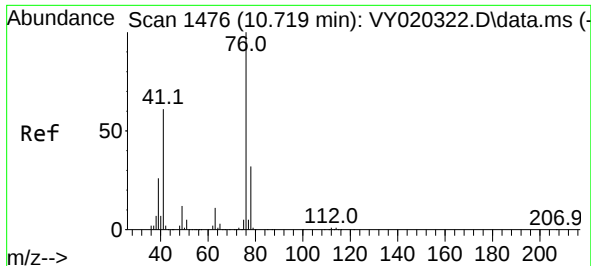
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 361972 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.3  | 68.6  | 102.8  |
| 85       | 56.4  | 41.9  | 62.9   |
| 99       | 61.5  | 47.6  | 71.4   |



#56  
Ethyl methacrylate  
Concen: 121.998 ug/l  
RT: 10.439 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 547209 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.3  | 57.5  | 86.3   |
| 39       | 39.0  | 29.0  | 43.6   |





#57

1,3-Dichloropropane

Concen: 118.344 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

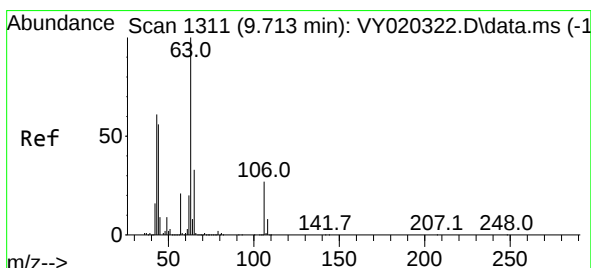
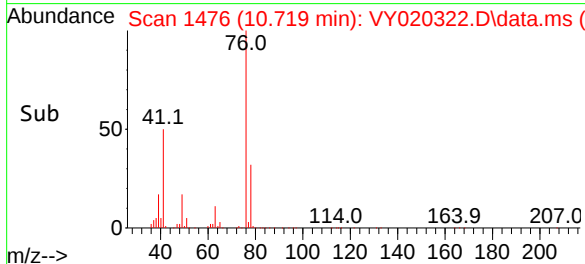
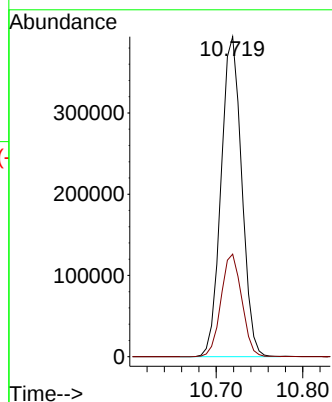
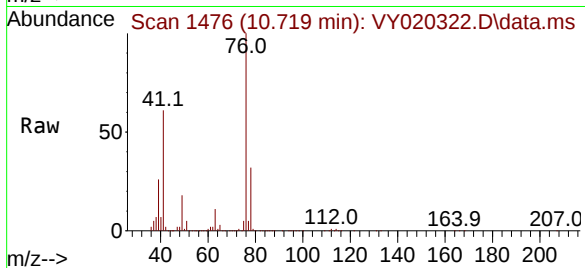
ClientSampleId :

Tgt Ion: 76 Resp: 652122

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 720.573 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY020322.D

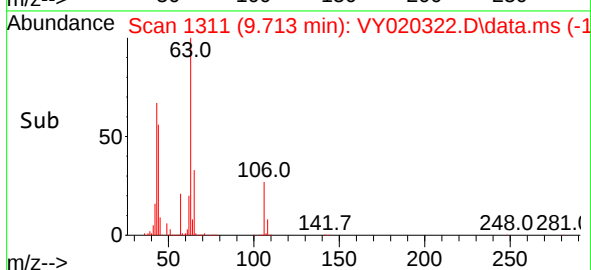
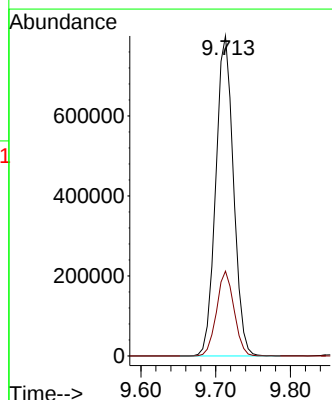
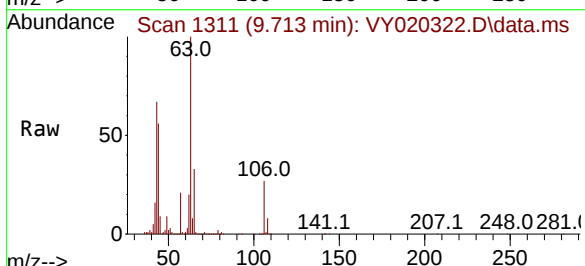
Acq: 17 Nov 2024 13:39

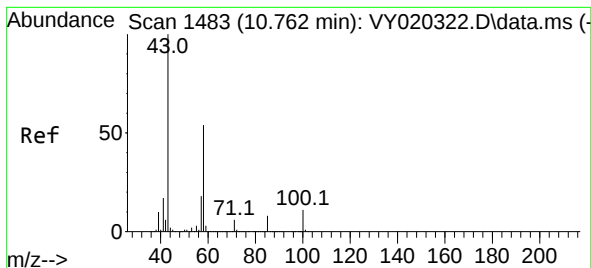
Tgt Ion: 63 Resp: 1318553

Ion Ratio Lower Upper

63 100

106 26.1 21.4 32.0

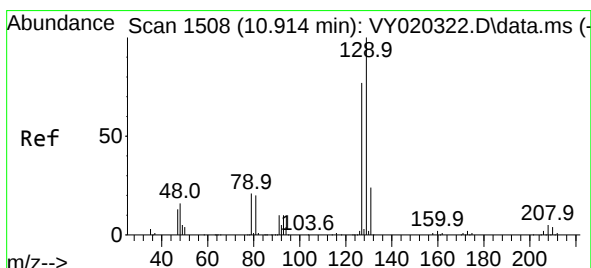
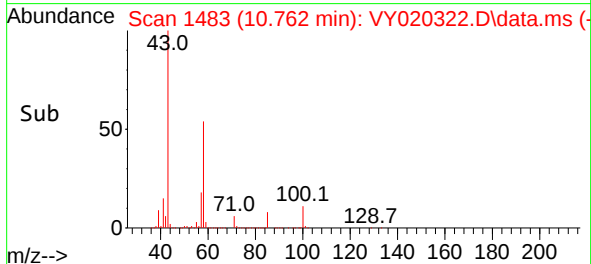
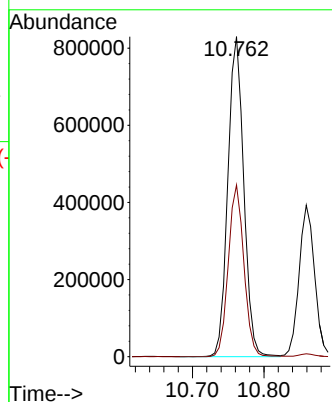
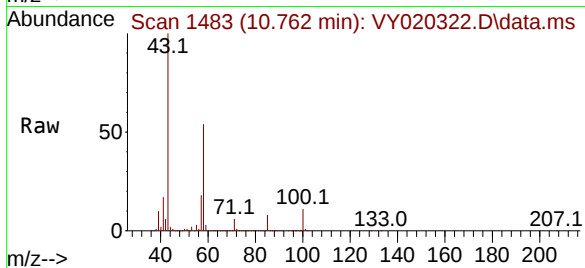




#59  
2-Hexanone  
Concen: 593.792 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

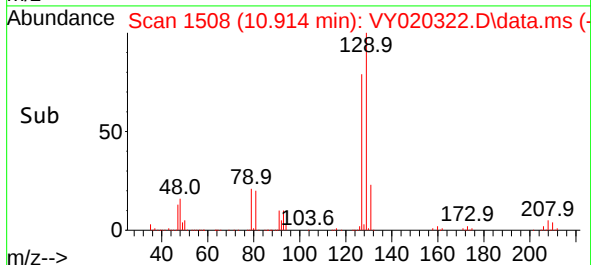
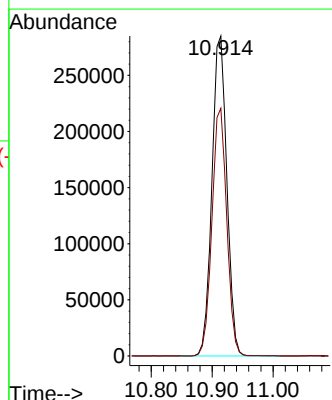
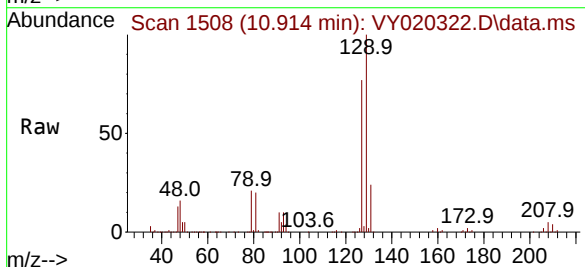
Instrument :  
MSVOA\_Y  
ClientSampleId :

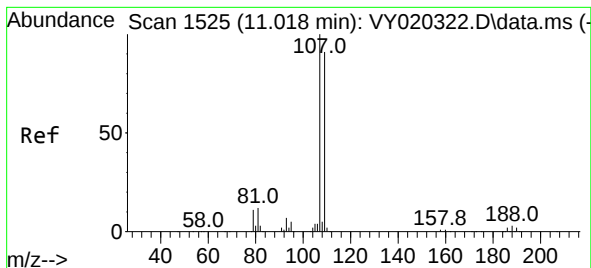
Tgt Ion: 43 Resp: 1278607  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.3 78.8



#60  
Dibromochloromethane  
Concen: 125.007 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 129 Resp: 483591  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.3 117.9





#61

1,2-Dibromoethane

Concen: 123.582 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

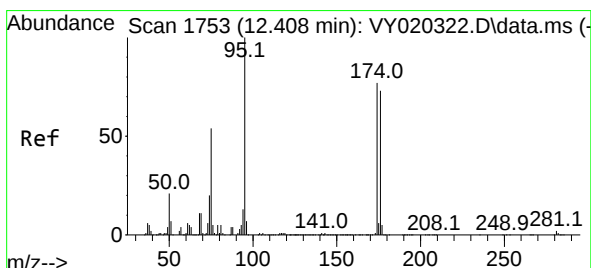
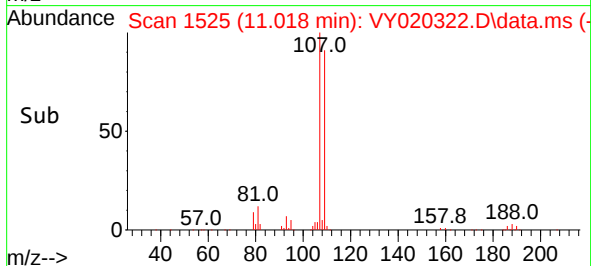
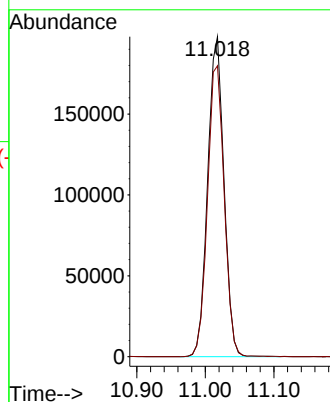
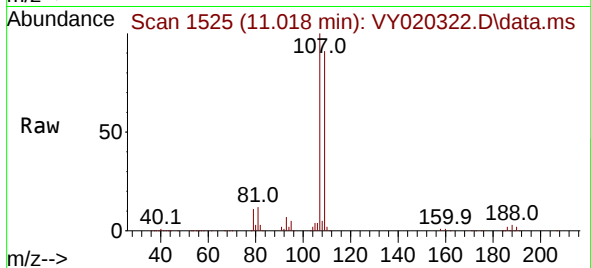
ClientSampleId :

Tgt Ion:107 Resp: 326853

Ion Ratio Lower Upper

107 100

109 93.5 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 139.500 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

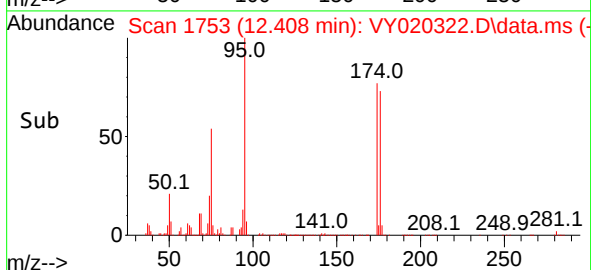
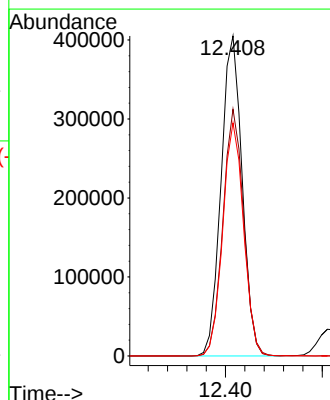
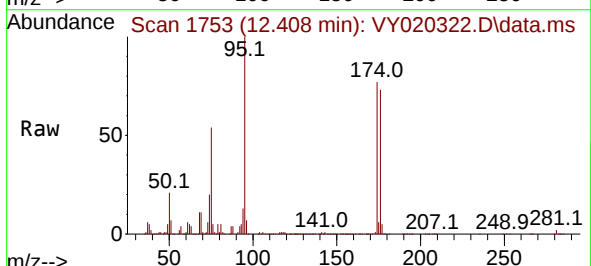
Tgt Ion: 95 Resp: 611066

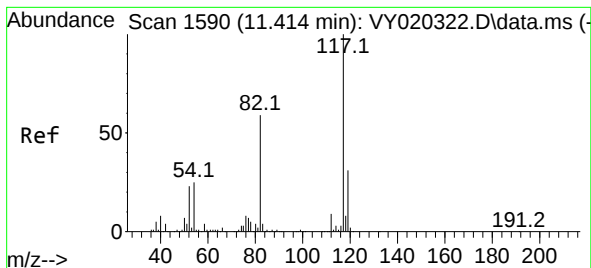
Ion Ratio Lower Upper

95 100

174 76.0 0.0 151.0

176 72.1 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

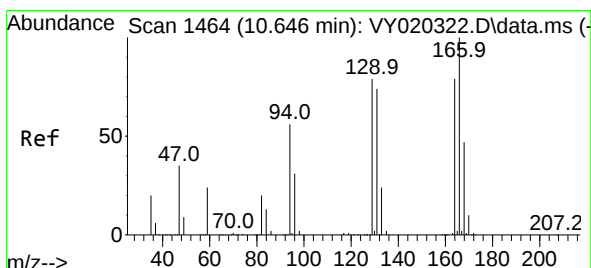
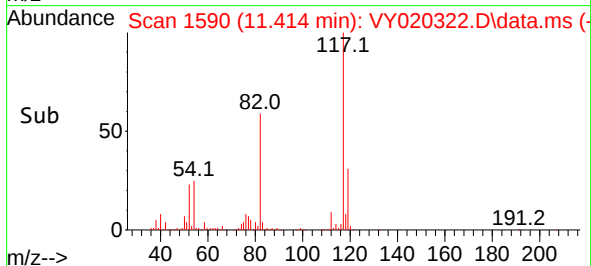
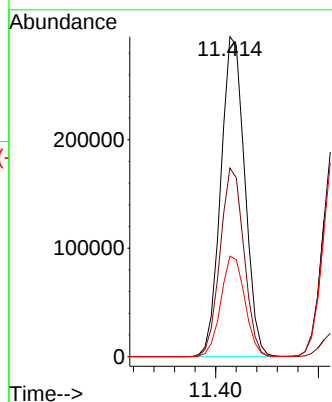
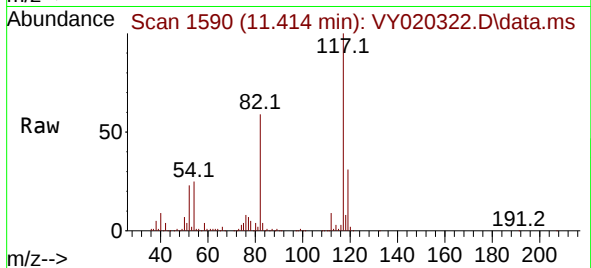
Tgt Ion:117 Resp: 477191

Ion Ratio Lower Upper

117 100

82 59.0 45.5 68.3

119 31.4 26.5 39.7



#64

Tetrachloroethene

Concen: 126.005 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Tgt Ion:164 Resp: 501581

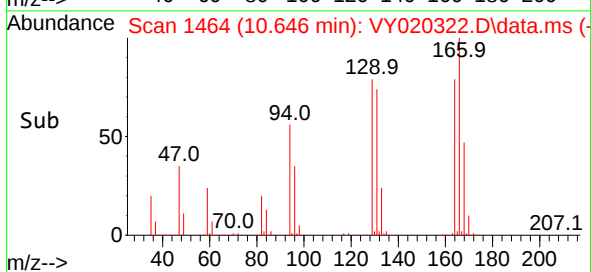
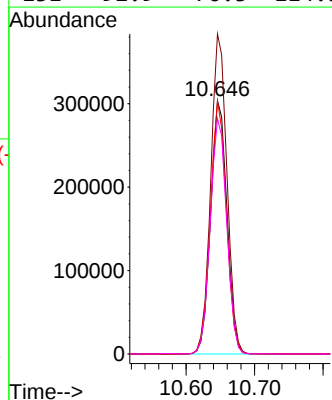
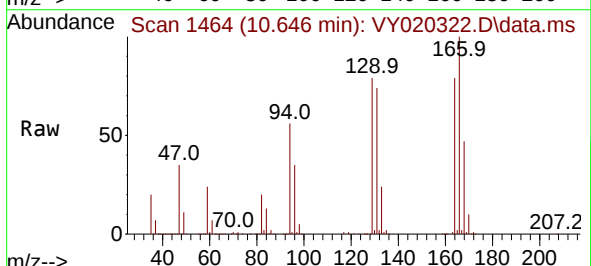
Ion Ratio Lower Upper

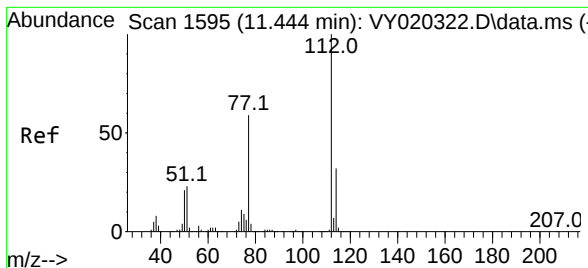
164 100

166 126.3 101.5 152.3

129 99.9 78.6 117.8

131 92.9 76.3 114.5

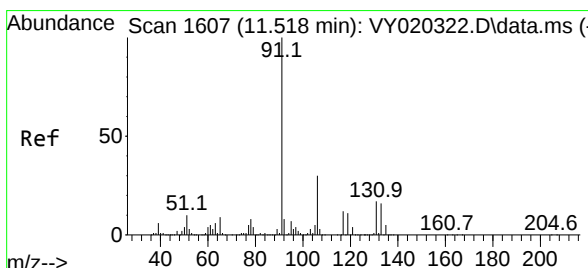
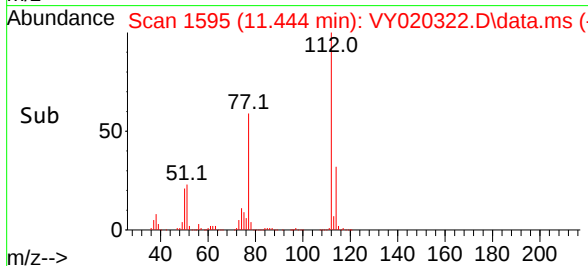
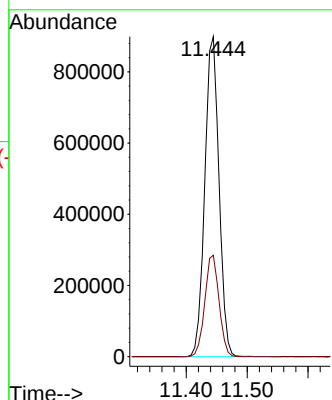
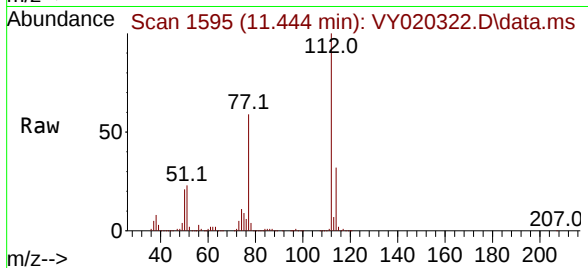




#65  
Chlorobenzene  
Concen: 137.654 ug/l  
RT: 11.444 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

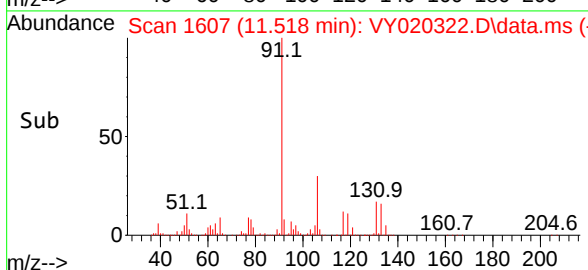
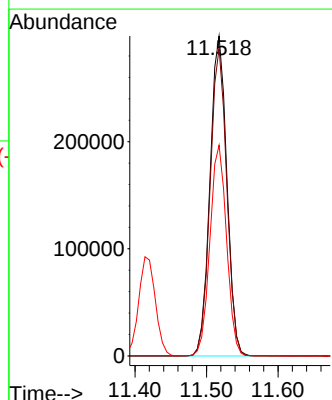
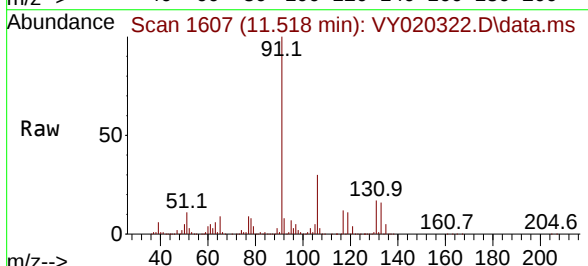
Instrument :  
MSVOA\_Y  
ClientSampleId :

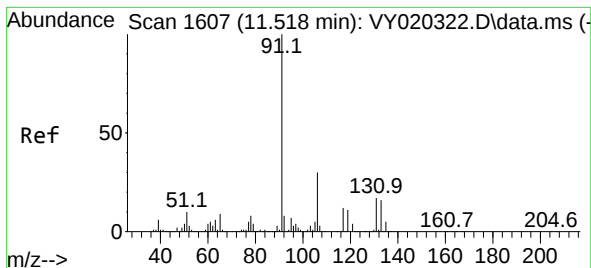
Tgt Ion:112 Resp: 1454177  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 141.425 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion:131 Resp: 487582  
Ion Ratio Lower Upper  
131 100  
133 95.0 46.8 140.4  
119 65.2 32.5 97.4





#67

Ethyl Benzene

Concen: 143.203 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

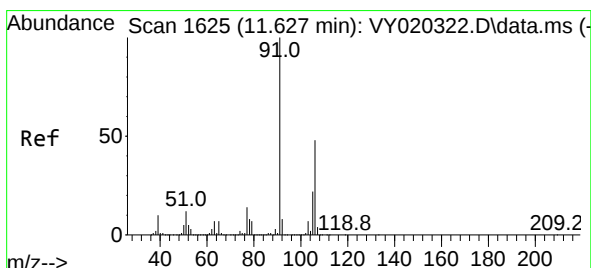
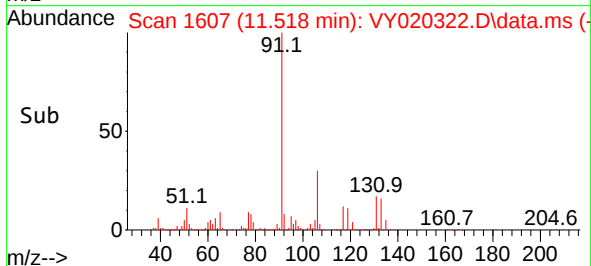
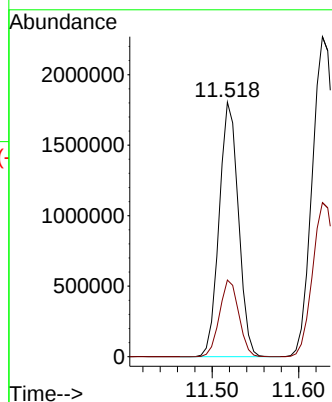
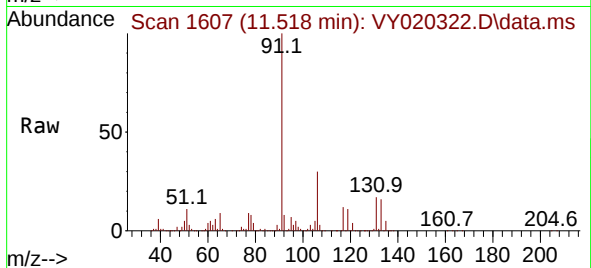
ClientSampleId :

Tgt Ion: 91 Resp: 2787555

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.6



#68

m/p-Xylenes

Concen: 284.884 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY020322.D

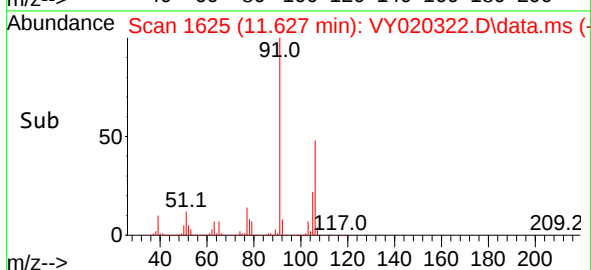
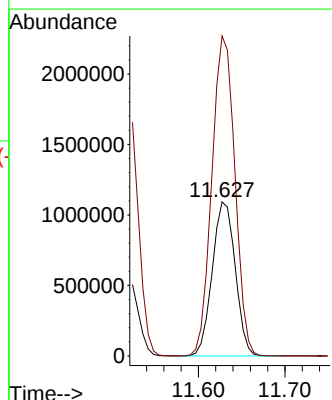
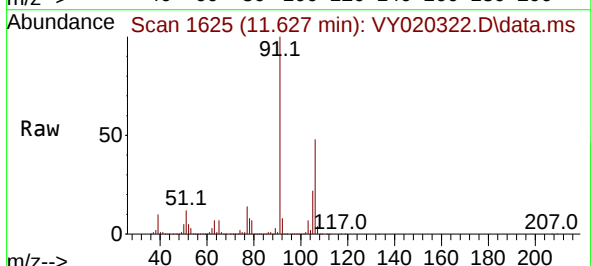
Acq: 17 Nov 2024 13:39

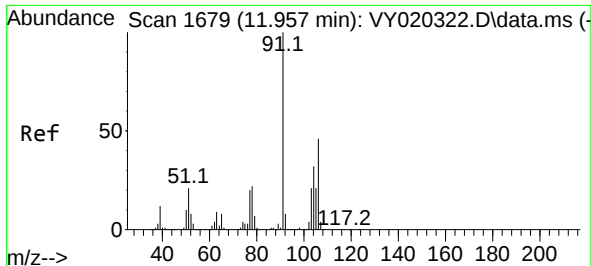
Tgt Ion:106 Resp: 2011930

Ion Ratio Lower Upper

106 100

91 208.3 167.9 251.9

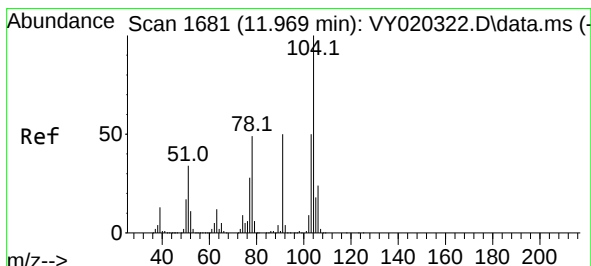
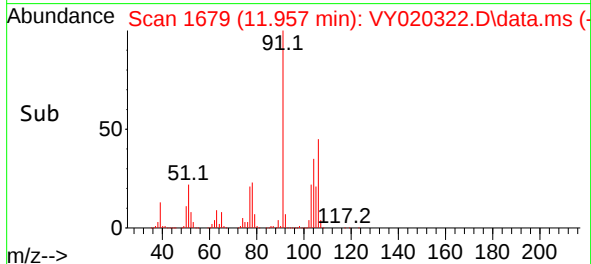
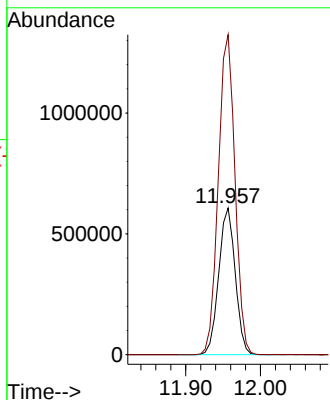
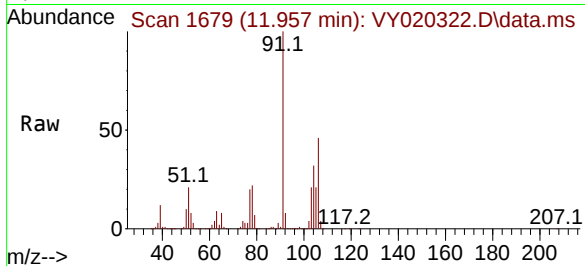




#69  
o-Xylene  
Concen: 140.293 ug/l  
RT: 11.957 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

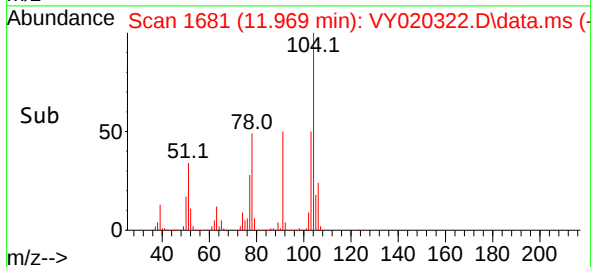
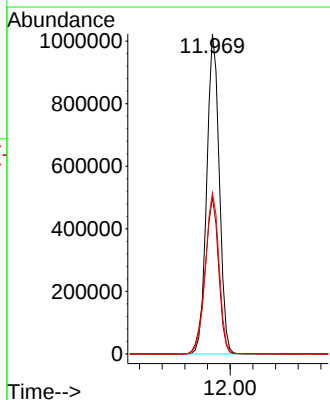
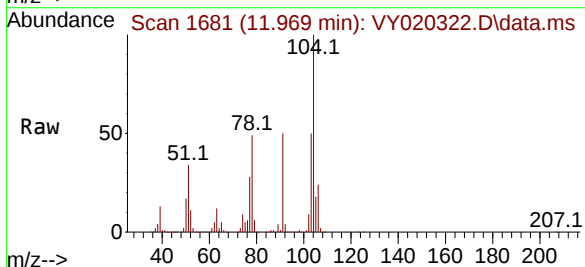
Instrument :  
MSVOA\_Y  
ClientSampleId :

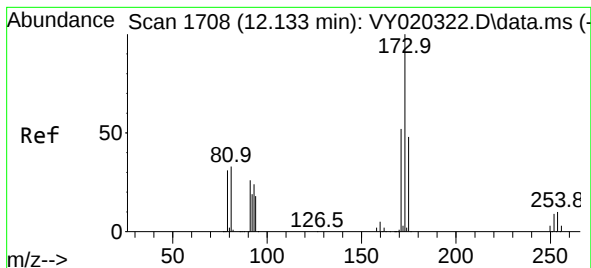
Tgt Ion:106 Resp: 932887  
Ion Ratio Lower Upper  
106 100  
91 220.4 111.0 333.0



#70  
Styrene  
Concen: 139.150 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion:104 Resp: 1567417  
Ion Ratio Lower Upper  
104 100  
78 52.9 42.1 63.1  
103 54.8 44.3 66.5





#71

Bromoform

Concen: 129.406 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

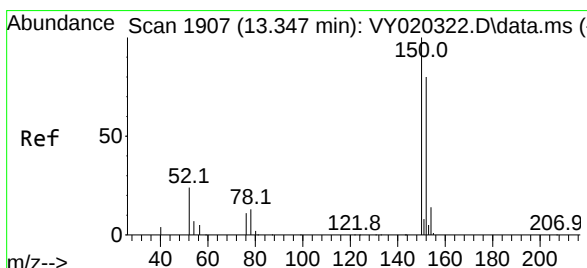
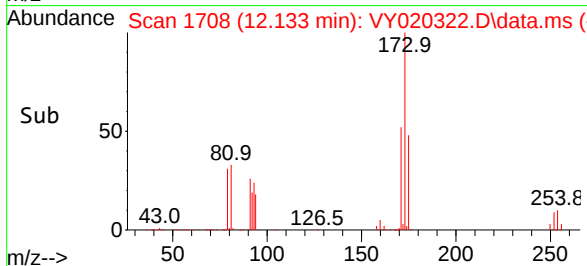
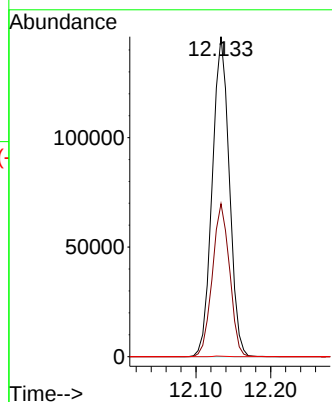
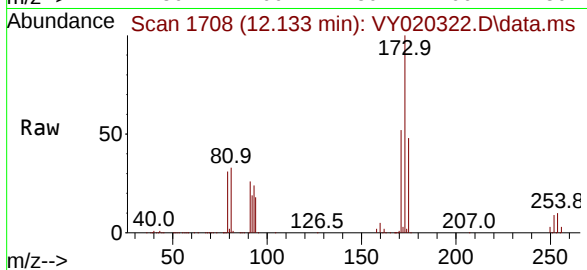
Tgt Ion:173 Resp: 231435

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

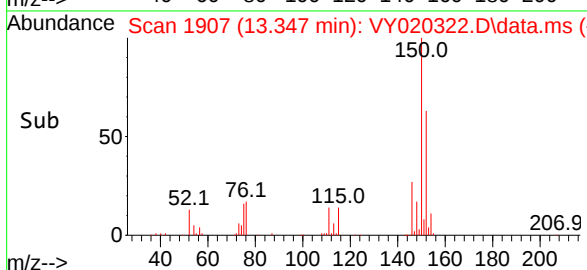
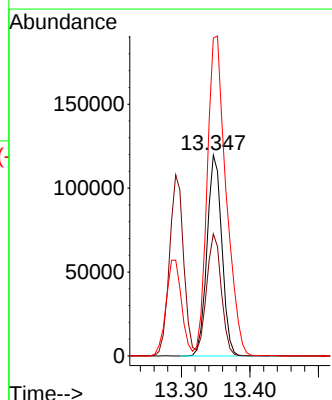
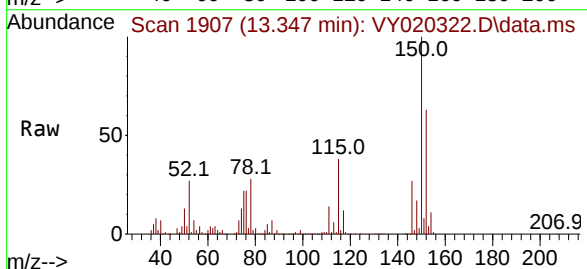
Tgt Ion:152 Resp: 180418

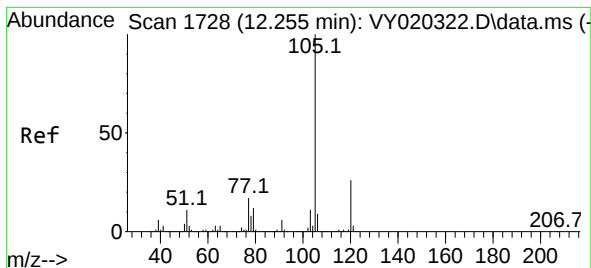
Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 202.9 0.0 348.2





#73

Isopropylbenzene

Concen: 147.359 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

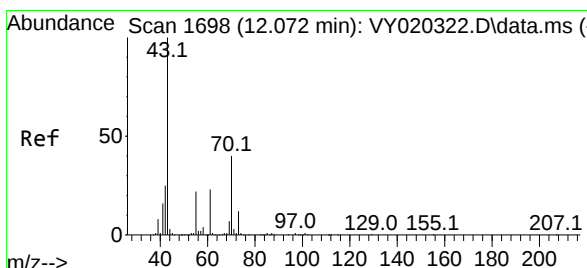
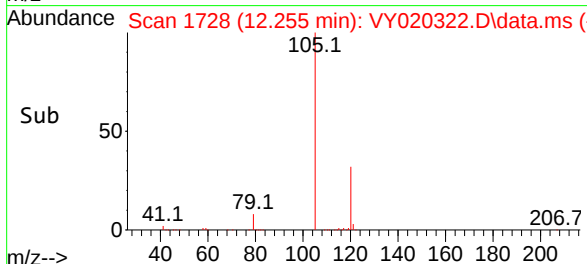
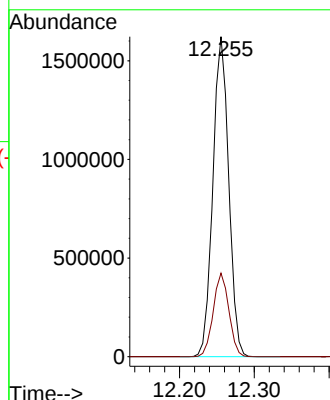
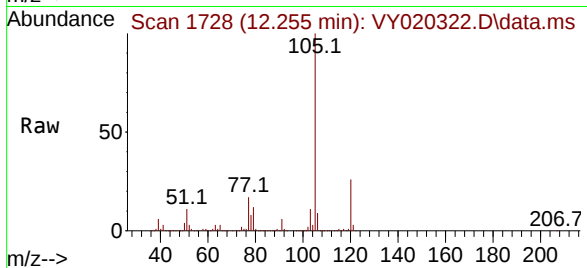
ClientSampleId :

Tgt Ion:105 Resp: 2387090

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 146.253 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Tgt Ion: 43 Resp: 591775

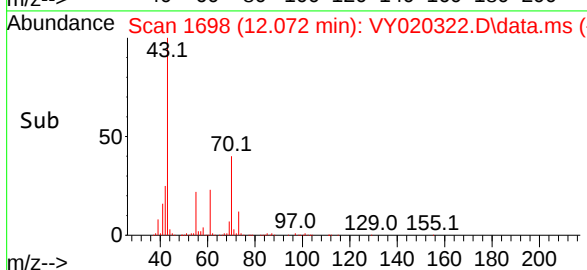
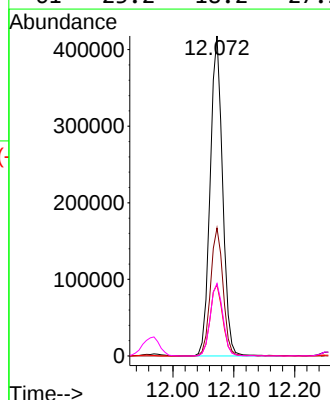
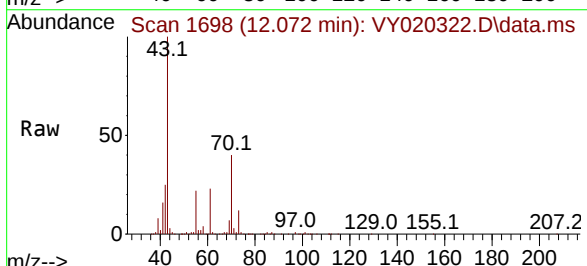
Ion Ratio Lower Upper

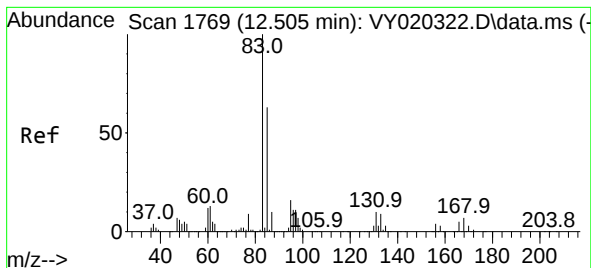
43 100

70 40.3 31.8 47.6

55 22.7 18.7 28.1

61 23.2 18.2 27.2





#75

1,1,2-Tetrachloroethane

Concen: 130.073 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

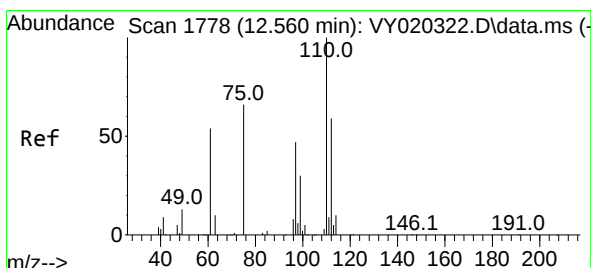
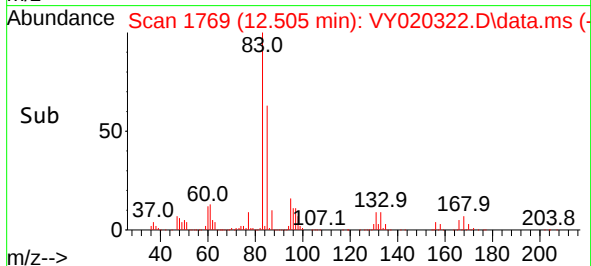
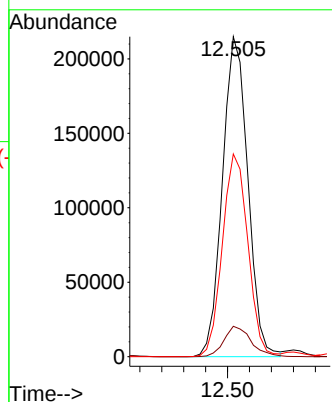
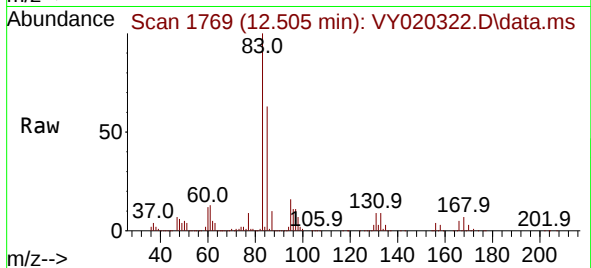
Tgt Ion: 83 Resp: 346043

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 224.424 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY020322.D

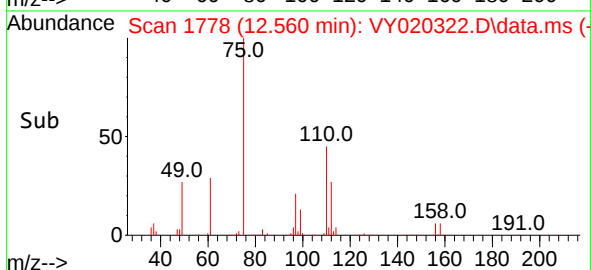
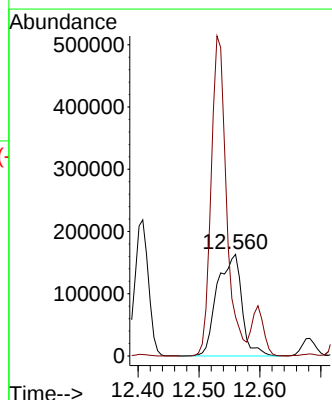
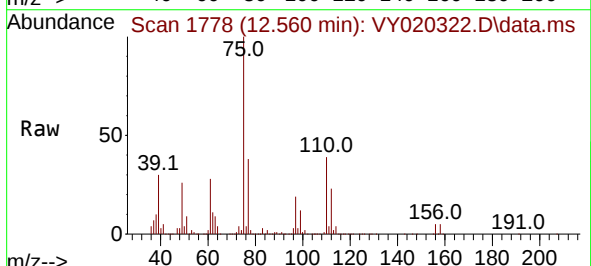
Acq: 17 Nov 2024 13:39

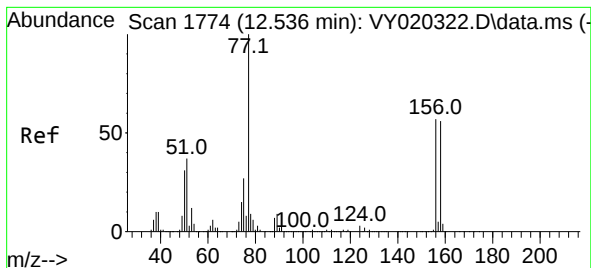
Tgt Ion: 75 Resp: 458500

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 137.711 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

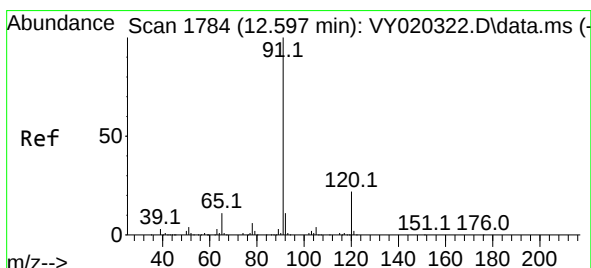
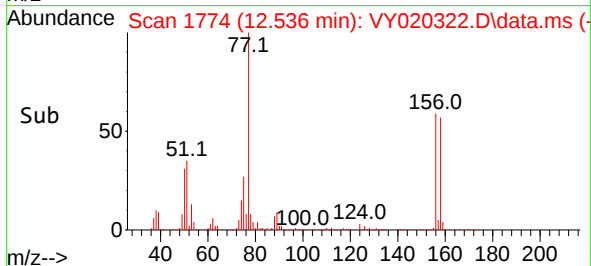
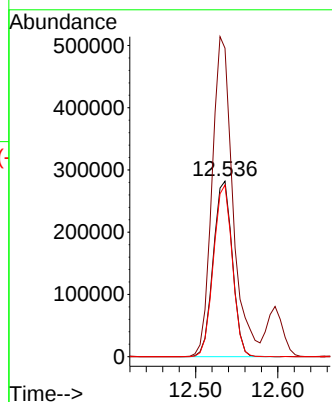
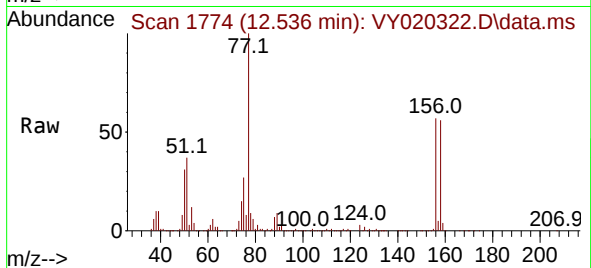
Tgt Ion:156 Resp: 454416

Ion Ratio Lower Upper

156 100

77 199.0 103.5 310.3

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 137.114 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY020322.D

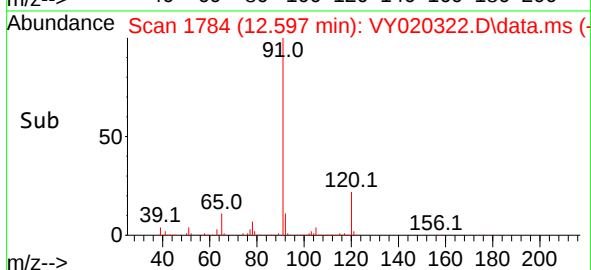
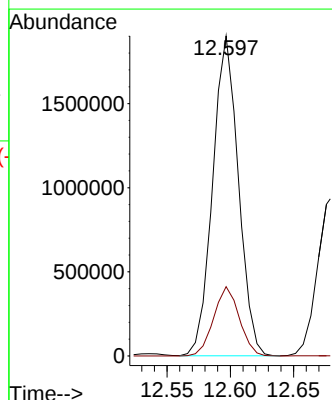
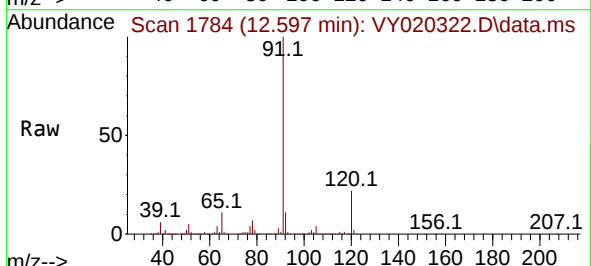
Acq: 17 Nov 2024 13:39

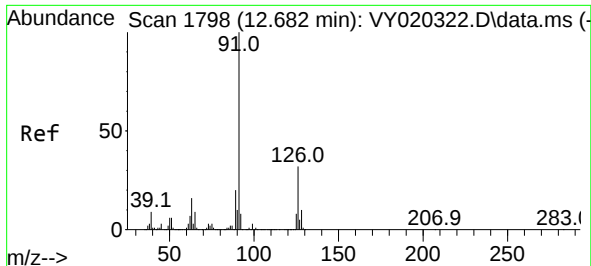
Tgt Ion: 91 Resp: 2683545

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.6

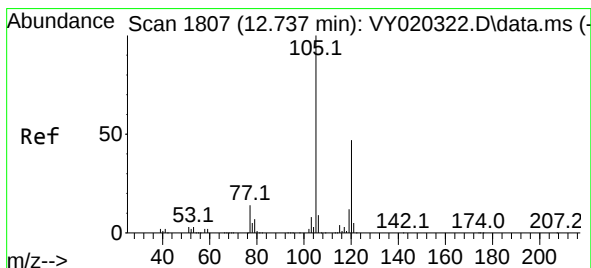
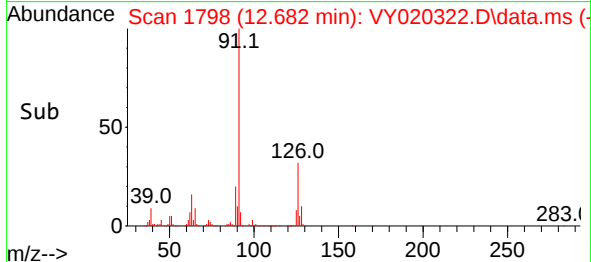
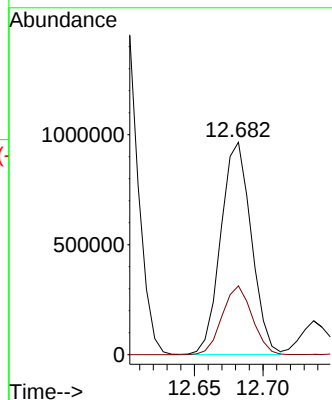
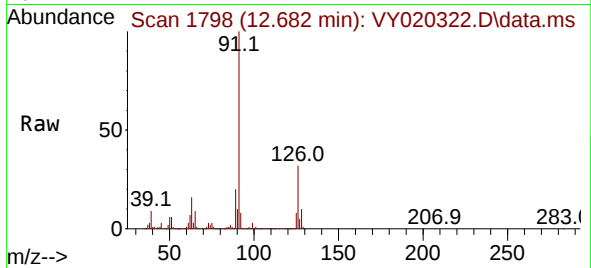




#79  
2-Chlorotoluene  
Concen: 134.146 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

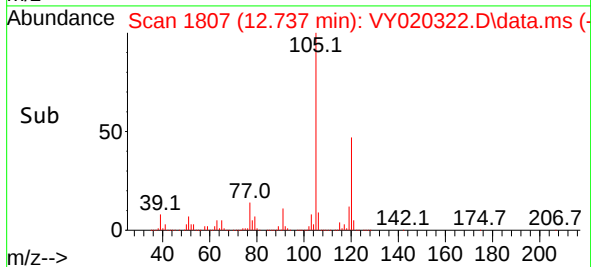
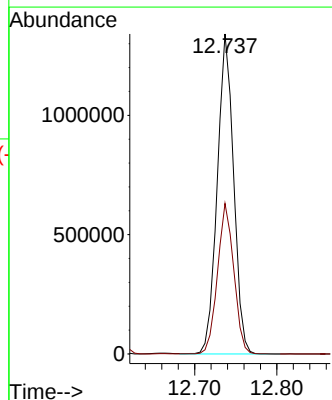
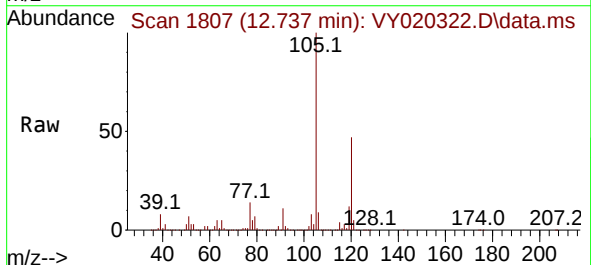
Instrument :  
MSVOA\_Y  
ClientSampleId :

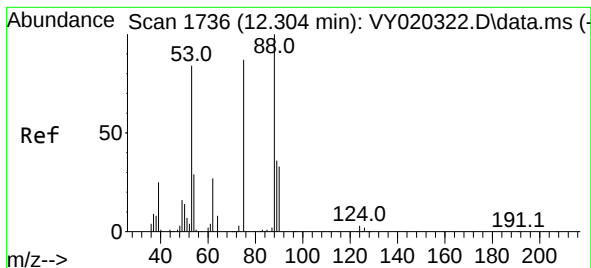
Tgt Ion: 91 Resp: 1496891  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.1 48.2



#80  
1,3,5-Trimethylbenzene  
Concen: 139.013 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion:105 Resp: 1849882  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.6 70.8

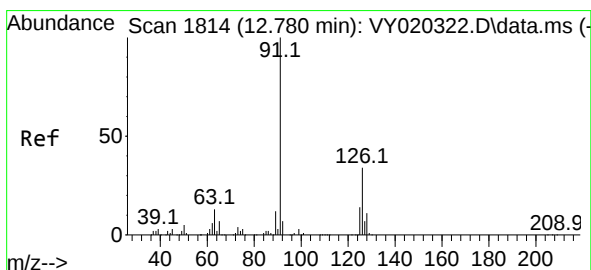
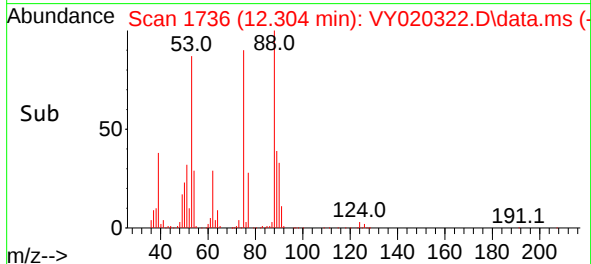
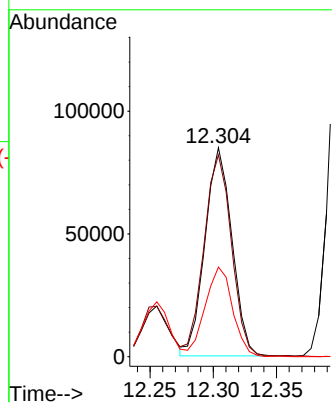
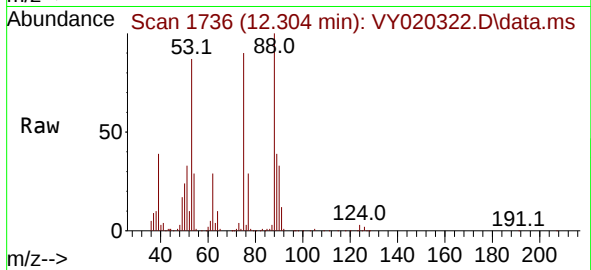




#81  
trans-1,4-Dichloro-2-butene  
Concen: 146.078 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

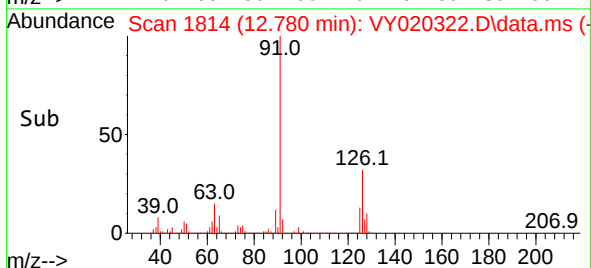
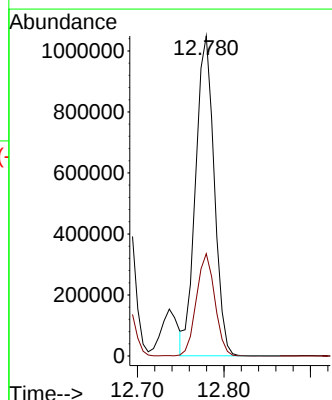
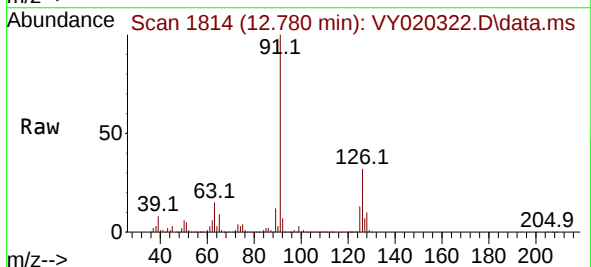
Instrument :  
MSVOA\_Y  
ClientSampleId :

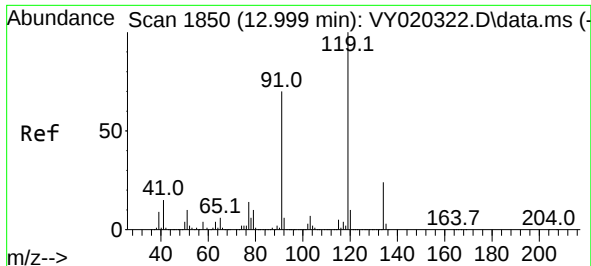
Tgt Ion: 75 Resp: 125527  
Ion Ratio Lower Upper  
75 100  
53 99.8 83.9 125.9  
89 43.6 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 135.752 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion: 91 Resp: 1560164  
Ion Ratio Lower Upper  
91 100  
126 31.8 16.0 47.9

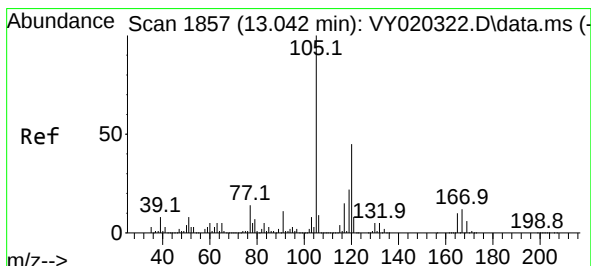
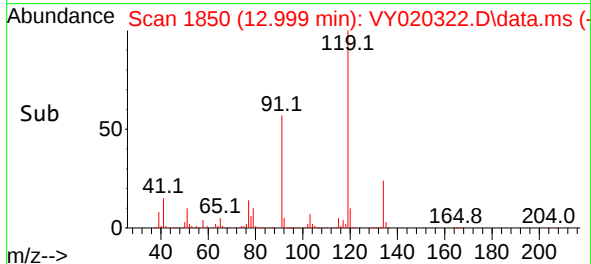
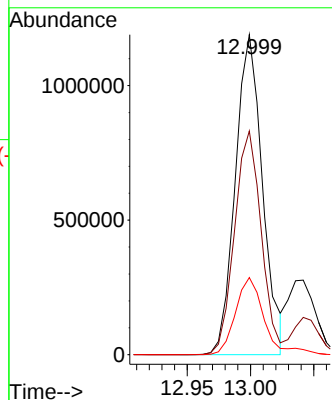
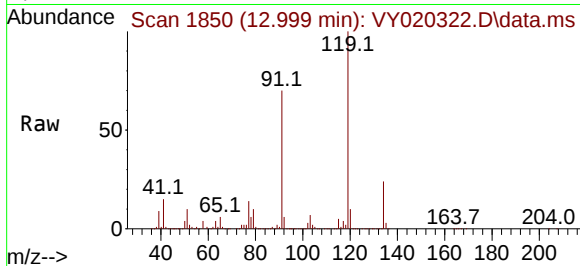




#83  
tert-Butylbenzene  
Concen: 148.844 ug/l  
RT: 12.999 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

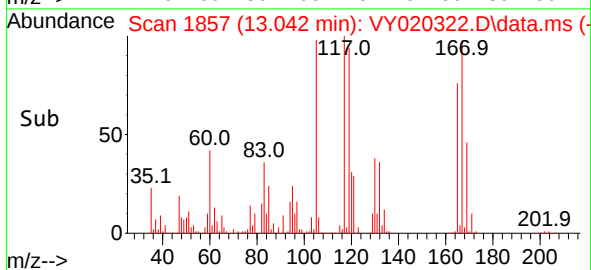
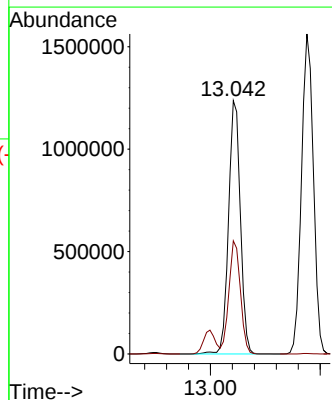
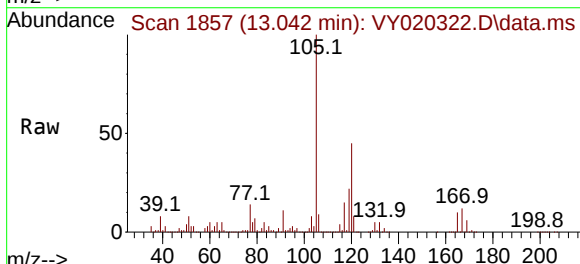
Instrument :  
MSVOA\_Y  
ClientSampleId :

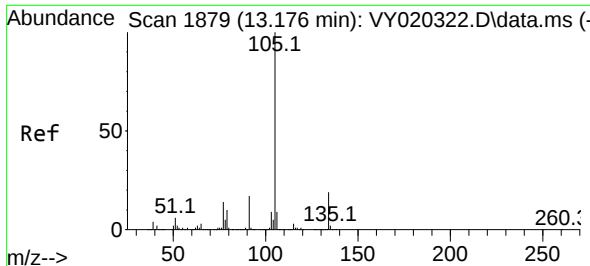
Tgt Ion:119 Resp: 1781519  
Ion Ratio Lower Upper  
119 100  
91 68.6 33.8 101.4  
134 25.4 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 143.990 ug/l  
RT: 13.042 min Scan# 1857  
Delta R.T. -0.000 min  
Lab File: VY020322.D  
Acq: 17 Nov 2024 13:39

Tgt Ion:105 Resp: 1856287  
Ion Ratio Lower Upper  
105 100  
120 43.6 21.8 65.4

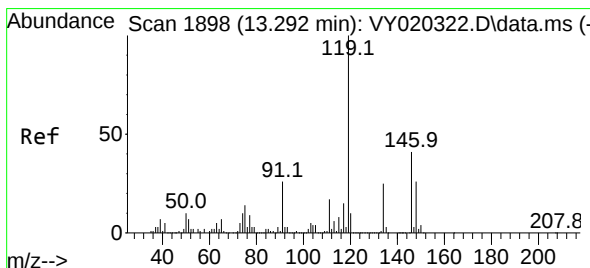
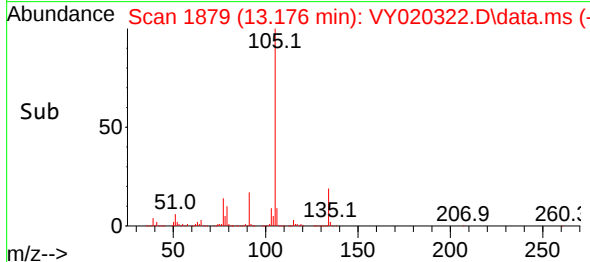
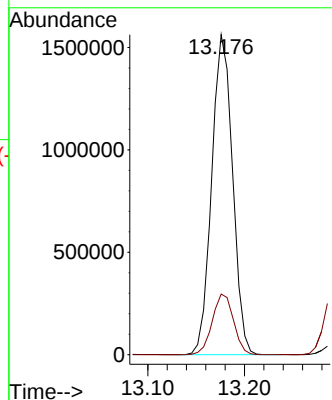
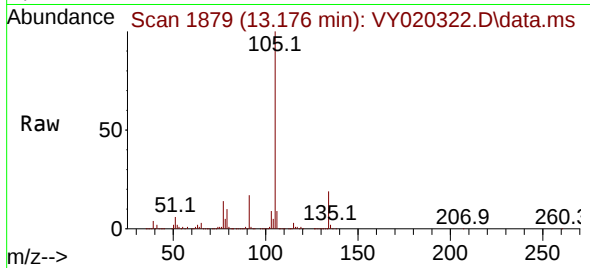




#85  
 sec-Butylbenzene  
 Concen: 137.883 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. -0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

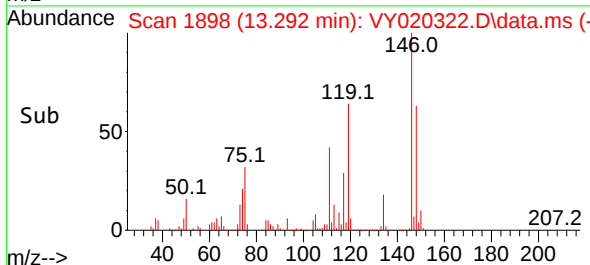
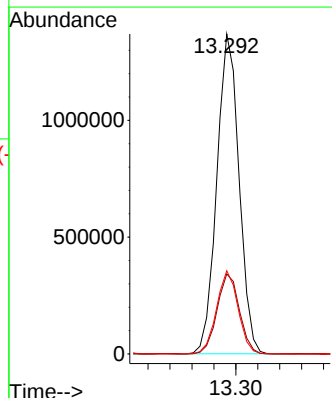
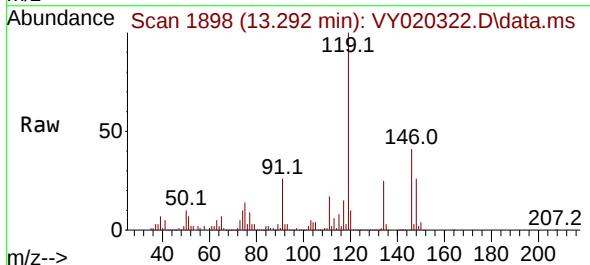
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

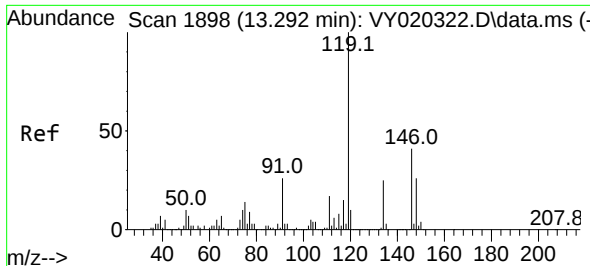
Tgt Ion:105 Resp: 2342553  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 143.141 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. -0.000 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

Tgt Ion:119 Resp: 1927998  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.6 37.8  
 91 25.1 12.8 38.3

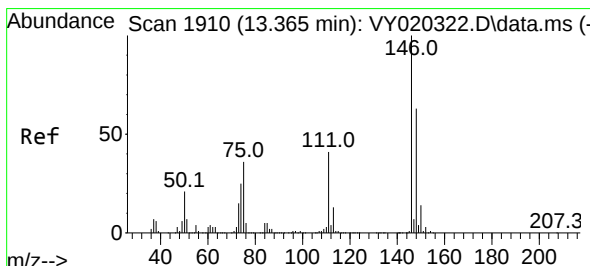
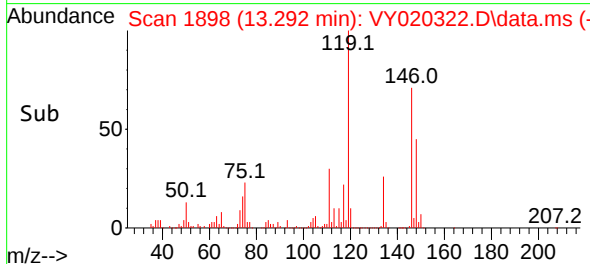
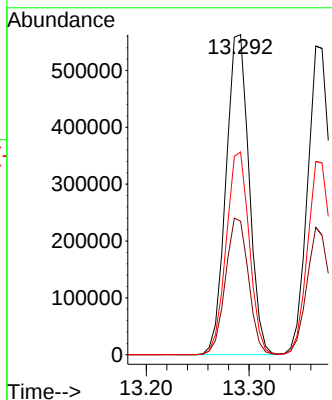
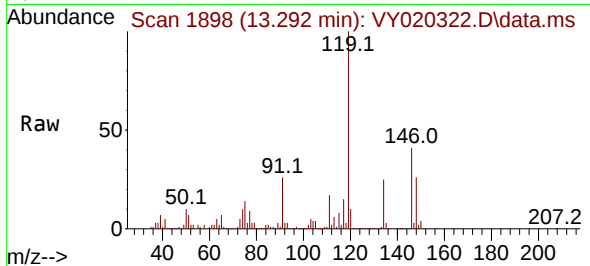




#87  
 1,3-Dichlorobenzene  
 Concen: 135.395 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. 0.006 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

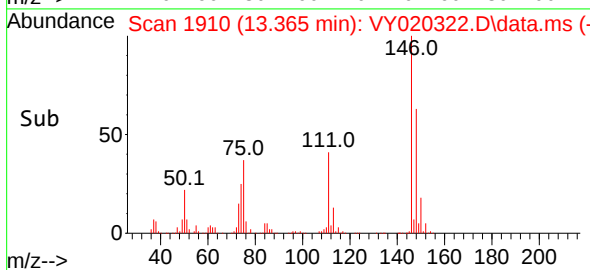
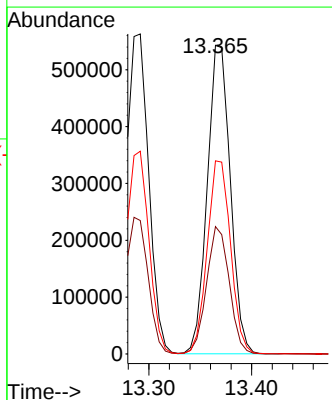
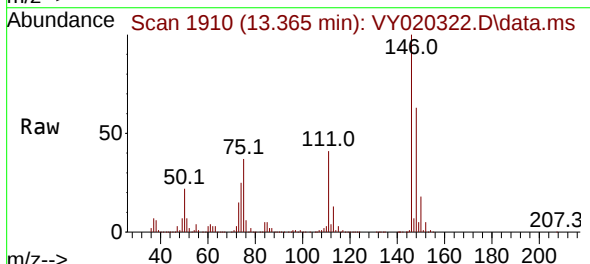
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

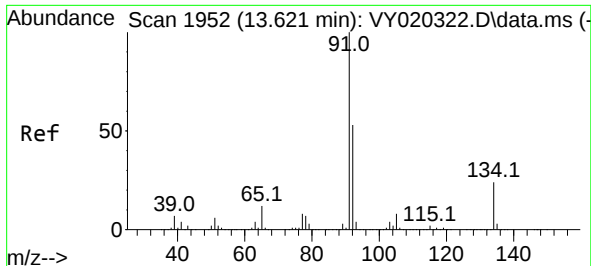
Tgt Ion:146 Resp: 879327  
 Ion Ratio Lower Upper  
 146 100  
 111 42.6 20.7 62.1  
 148 63.4 31.6 94.8



#88  
 1,4-Dichlorobenzene  
 Concen: 130.567 ug/l  
 RT: 13.365 min Scan# 1910  
 Delta R.T. -0.006 min  
 Lab File: VY020322.D  
 Acq: 17 Nov 2024 13:39

Tgt Ion:146 Resp: 846561  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 20.1 60.3  
 148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 140.546 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

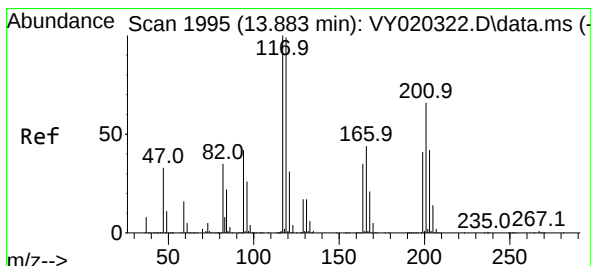
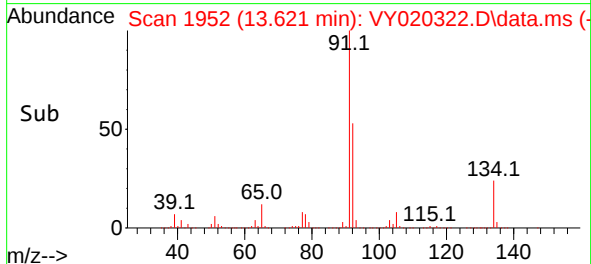
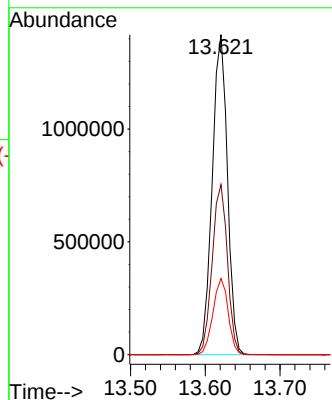
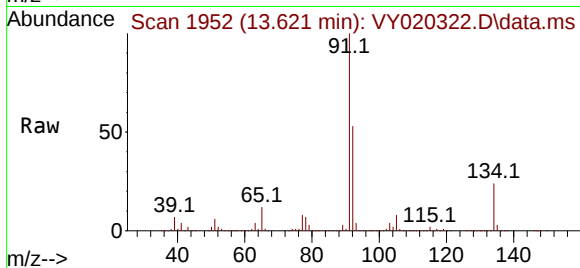
Tgt Ion: 91 Resp: 2012405

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.9

134 23.8 11.8 35.3



#90

Hexachloroethane

Concen: 134.996 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY020322.D

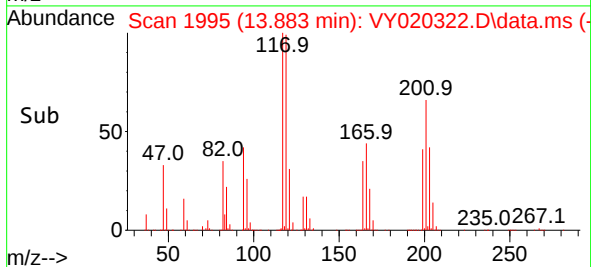
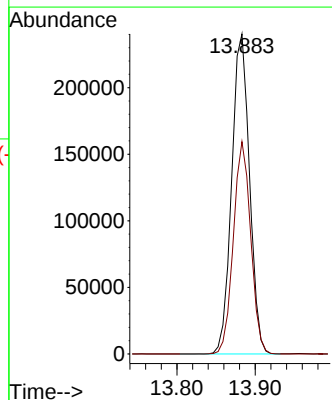
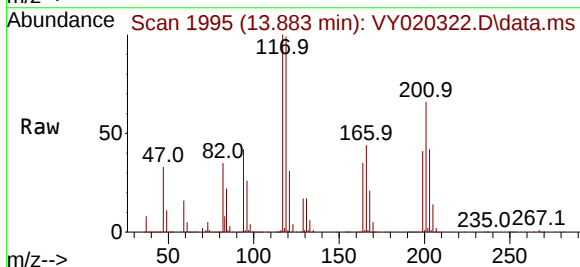
Acq: 17 Nov 2024 13:39

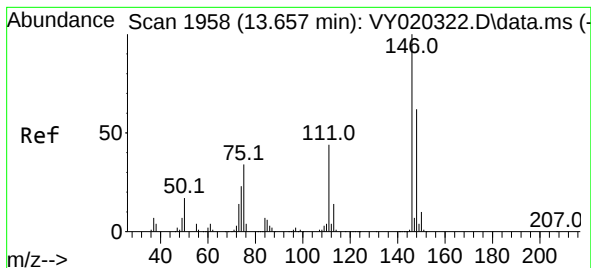
Tgt Ion: 117 Resp: 378560

Ion Ratio Lower Upper

117 100

201 64.7 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 127.180 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

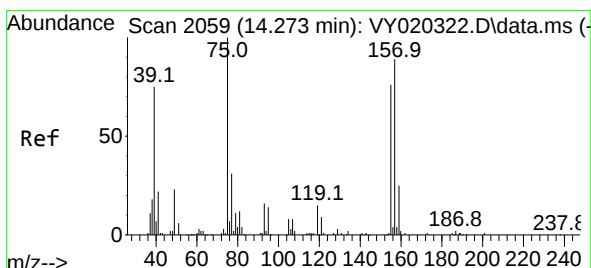
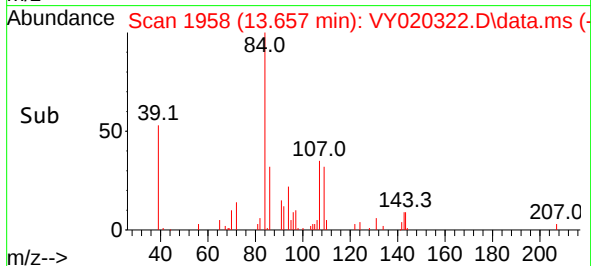
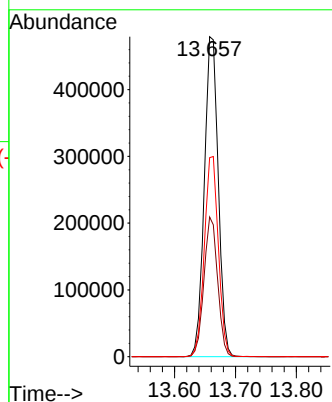
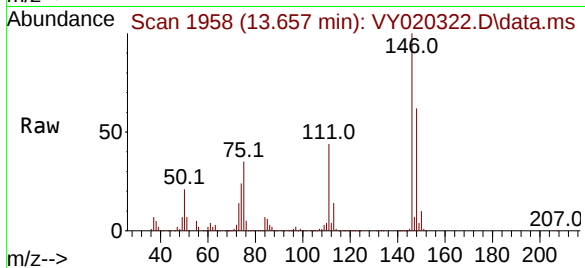
Tgt Ion:146 Resp: 762124

Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 63.0 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 124.390 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

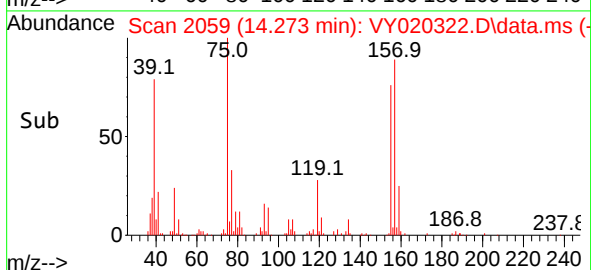
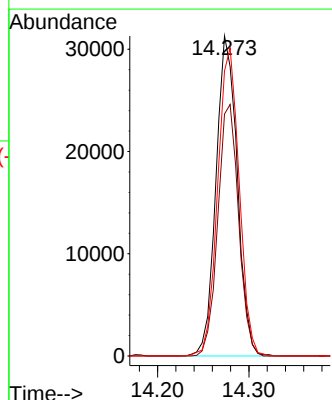
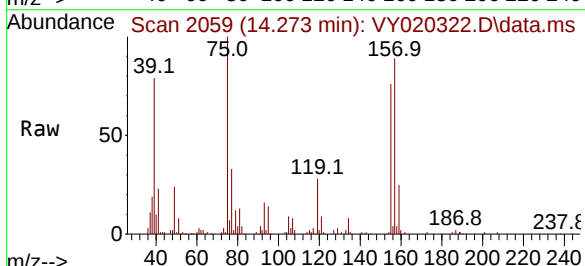
Tgt Ion: 75 Resp: 50552

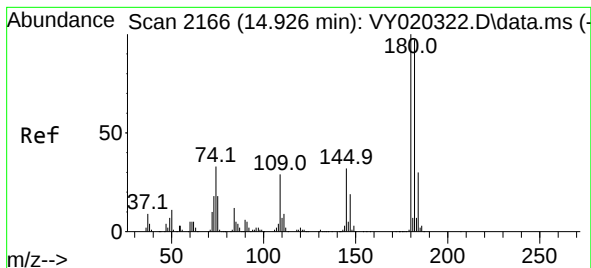
Ion Ratio Lower Upper

75 100

155 77.0 37.6 112.9

157 96.9 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 129.082 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

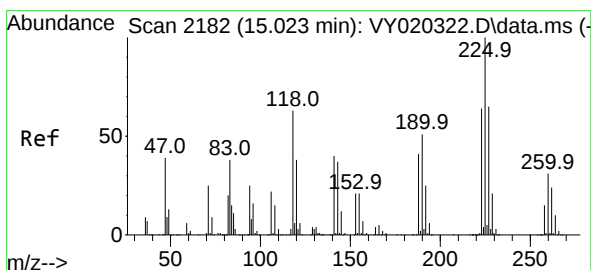
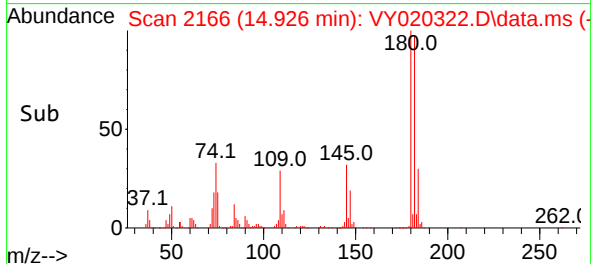
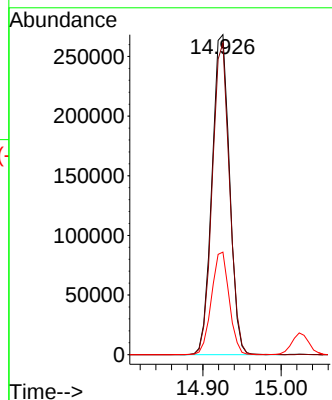
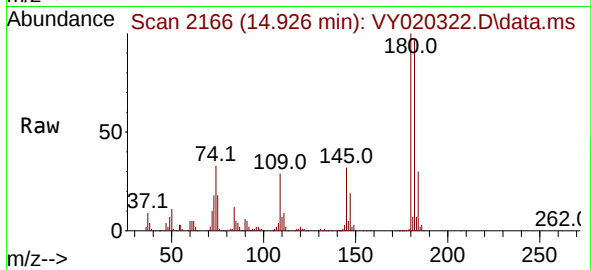
Tgt Ion:180 Resp: 417943

Ion Ratio Lower Upper

180 100

182 95.8 46.7 140.0

145 32.3 15.6 46.7



#94

Hexachlorobutadiene

Concen: 137.226 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

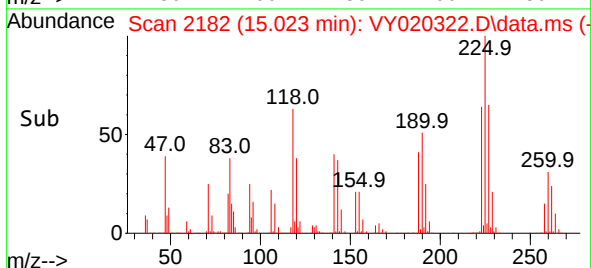
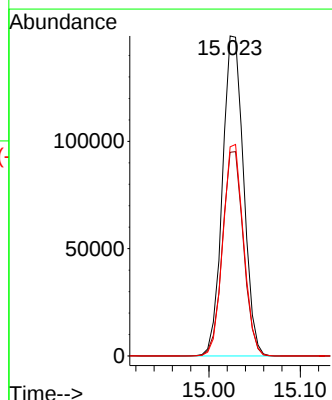
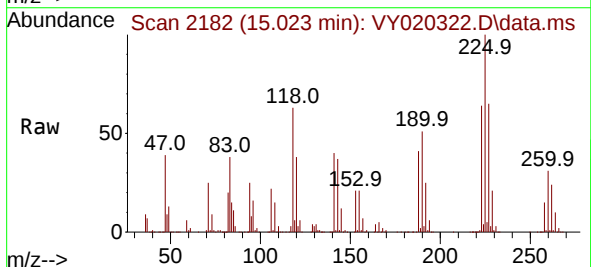
Tgt Ion:225 Resp: 239005

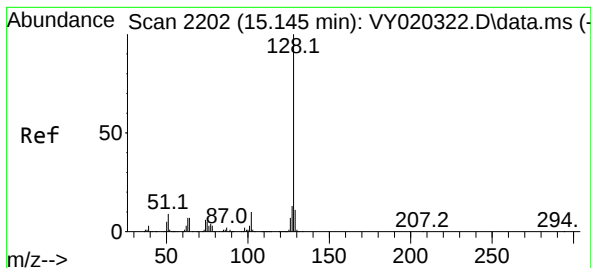
Ion Ratio Lower Upper

225 100

223 63.4 30.9 92.7

227 64.5 32.3 96.9





#95

Naphthalene

Concen: 162.251 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Instrument :

MSVOA\_Y

ClientSampleId :

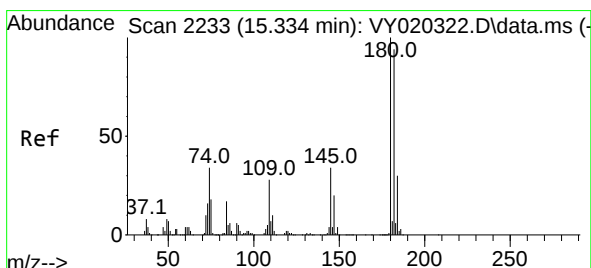
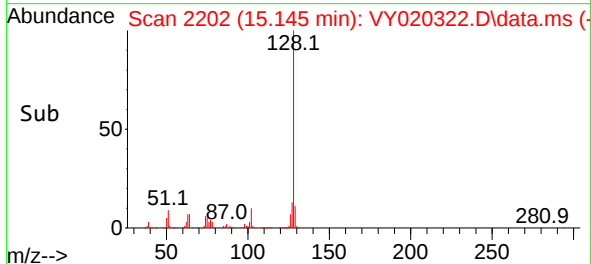
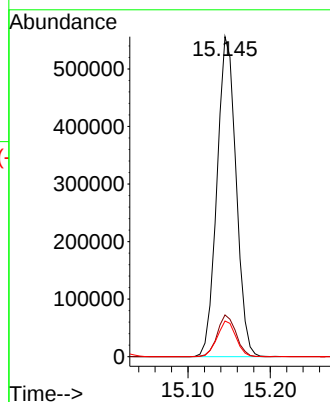
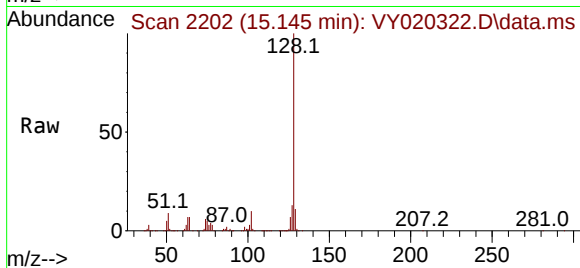
Tgt Ion:128 Resp: 899232

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 133.385 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY020322.D

Acq: 17 Nov 2024 13:39

Tgt Ion:180 Resp: 349055

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.3

145 33.9 16.5 49.5

