

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112524\  
 Data File : VY020423.D  
 Acq On : 25 Nov 2024 09:46  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 26 00:41:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 20 04:38:24 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.725  | 168  | 174684   | 50.000 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 8.628  | 114  | 285382   | 50.000 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 11.426 | 117  | 233134   | 50.000 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 13.359 | 152  | 107880   | 50.000 | ug/l  | 0.01     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.073  | 65    | 97636    | 48.650   | ug/l | 0.01    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.300% |
| 35) Dibromofluoromethane    | 7.646  | 113   | 89257    | 48.776   | ug/l | 0.01    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.560% |
| 50) Toluene-d8              | 10.115 | 98    | 350540   | 48.628   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 97.260% |
| 62) 4-Bromofluorobenzene    | 12.414 | 95    | 114313   | 49.330   | ug/l | 0.01    |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =    | 98.660% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.873 | 85  | 96224  | 56.750  | ug/l   | 99  |
| 3) Chloromethane             | 2.080 | 50  | 99273  | 44.152  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.220 | 62  | 97909  | 42.091  | ug/l   | 97  |
| 5) Bromomethane              | 2.611 | 94  | 56470  | 48.608  | ug/l   | 99  |
| 6) Chloroethane              | 2.751 | 64  | 59563  | 43.894  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.080 | 101 | 177559 | 54.929  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.470 | 74  | 48827  | 47.874  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 3.836 | 101 | 96786  | 50.276  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.025 | 142 | 125345 | 48.610  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 4.884 | 59  | 27541  | 182.814 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.812 | 96  | 98728  | 51.810  | ug/l   | 97  |
| 13) Acrolein                 | 3.665 | 56  | 29810  | 239.879 | ug/l   | 99  |
| 14) Allyl chloride           | 4.403 | 41  | 177493 | 48.167  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.073 | 53  | 102840 | 228.101 | ug/l   | 99  |
| 16) Acetone                  | 3.885 | 43  | 134309 | 279.161 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.129 | 76  | 316647 | 49.322  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.403 | 43  | 50522  | 45.049  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.128 | 73  | 243157 | 49.120  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.641 | 84  | 101155 | 49.649  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.134 | 96  | 106881 | 50.500  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.037 | 45  | 337243 | 46.441  | ug/l   | 99  |
| 23) Vinyl Acetate            | 5.982 | 43  | 928358 | 228.762 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 5.939 | 63  | 204360 | 49.849  | ug/l   | 99  |
| 25) 2-Butanone               | 6.909 | 43  | 157085 | 253.614 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.902 | 77  | 189283 | 55.863  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.909 | 96  | 122563 | 52.576  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.262 | 49  | 70747  | 41.003  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.280 | 42  | 82573  | 223.055 | ug/l   | 99  |
| 30) Chloroform               | 7.433 | 83  | 204452 | 51.646  | ug/l   | 98  |
| 31) Cyclohexane              | 7.719 | 56  | 175415 | 46.888  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.634 | 97  | 194774 | 56.034  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.853 | 75  | 152503 | 54.563  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.000 | 43  | 60163  | 46.988  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.835 | 117 | 178803 | 61.270  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.115 | 83  | 183470 | 52.450  | ug/l   | 99  |
| 40) Benzene                  | 8.091 | 78  | 442569 | 54.032  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 26 00:41:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 20 04:38:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.238  | 41   | 34330    | 47.123  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.170  | 62   | 120173   | 54.354  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.207  | 43   | 120526   | 48.405  | ug/l   | 97       |
| 44) Trichloroethene           | 8.878  | 130  | 107113   | 55.194  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.152  | 63   | 100738   | 51.549  | ug/l   | 99       |
| 46) Dibromomethane            | 9.243  | 93   | 51731    | 51.647  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.432  | 83   | 148962   | 53.873  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.231  | 41   | 56621    | 47.563  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.243  | 88   | 9611     | 932.665 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.006 | 43   | 293676   | 232.411 | ug/l   | 99       |
| 52) Toluene                   | 10.176 | 92   | 273489   | 54.628  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.402 | 75   | 136649   | 52.261  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.865  | 75   | 163261   | 54.544  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.579 | 97   | 67212    | 50.552  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.444 | 69   | 97185    | 48.672  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.725 | 76   | 122369   | 51.212  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.719  | 63   | 214055   | 226.086 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.768 | 43   | 221629   | 247.696 | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.920 | 129  | 91872    | 53.609  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.024 | 107  | 60152    | 48.823  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.652 | 164  | 92139    | 54.827  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.450 | 112  | 279558   | 53.781  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131  | 98316    | 56.618  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.524 | 91   | 527987   | 55.057  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.639 | 106  | 387037   | 112.047 | ug/l   | 97       |
| 69) o-Xylene                  | 11.962 | 106  | 181667   | 55.449  | ug/l   | 98       |
| 70) Styrene                   | 11.975 | 104  | 305145   | 56.058  | ug/l   | 98       |
| 71) Bromoform                 | 12.139 | 173  | 51400    | 56.796  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.261 | 105  | 499390   | 54.646  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.078 | 43   | 101996   | 46.184  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83   | 70145    | 47.492  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.566 | 75   | 99300    | 97.659  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 103217   | 53.909  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.603 | 91   | 590576   | 53.848  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.688 | 91   | 333692   | 52.916  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105  | 403807   | 54.674  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 25350    | 48.851  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.786 | 91   | 343818   | 52.829  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 360086   | 55.248  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.054 | 105  | 392415   | 53.592  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.182 | 105  | 517423   | 50.357  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.298 | 119  | 434534   | 54.696  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.298 | 146  | 200328   | 51.746  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.377 | 146  | 195463   | 52.843  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.627 | 91   | 406503   | 53.431  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.889 | 117  | 82749    | 53.966  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.669 | 146  | 168933   | 52.373  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.285 | 75   | 11052    | 45.602  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 14.931 | 180  | 102140   | 52.372  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.035 | 225  | 68013    | 57.131  | ug/l   | 99       |
| 95) Naphthalene               | 15.157 | 128  | 167750   | 49.944  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.340 | 180  | 83798    | 50.252  | ug/l   | 100      |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

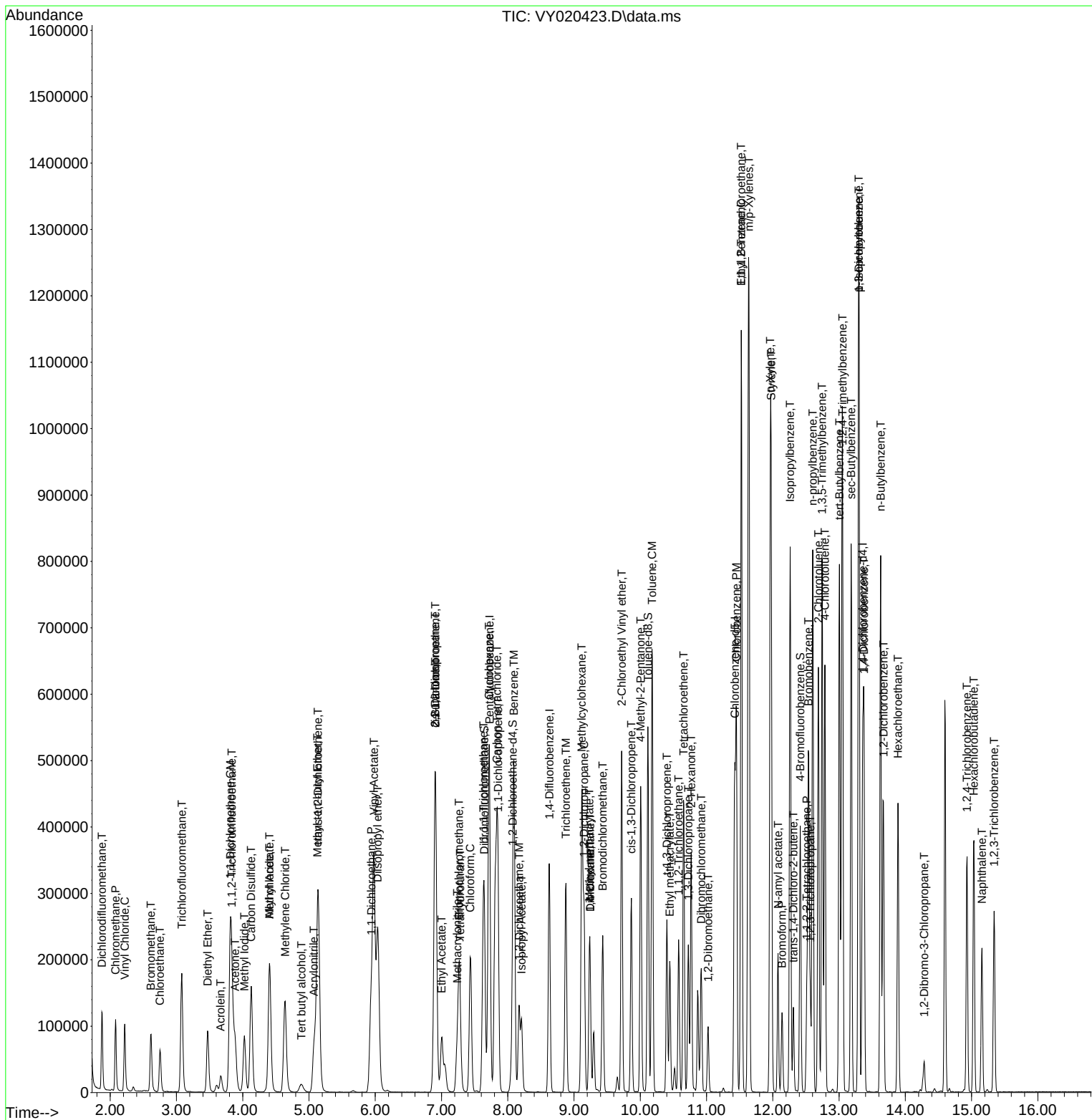
Instrument :  
MSVOA\_Y  
ClientSampleId :

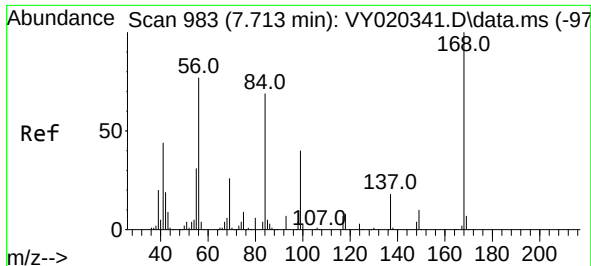
Quant Time: Nov 26 00:41:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 20 04:38:24 2024  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
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Response via : Initial Calibration

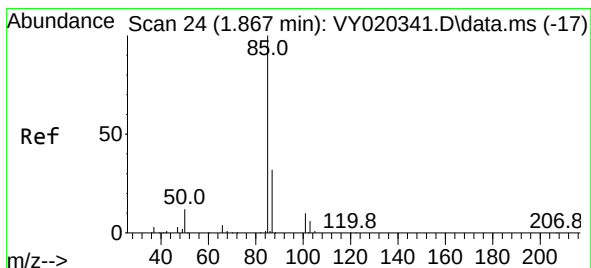
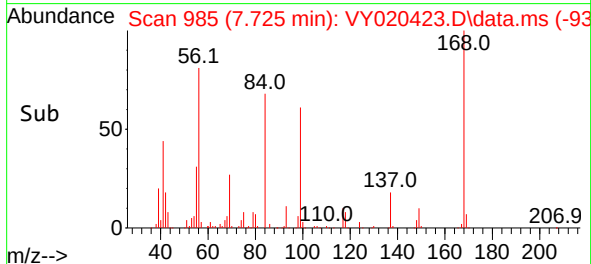
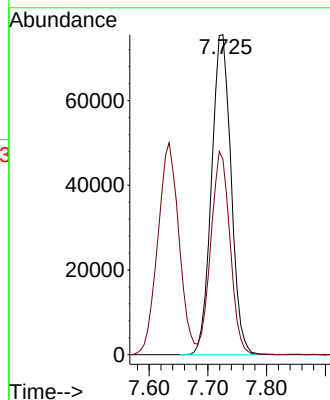
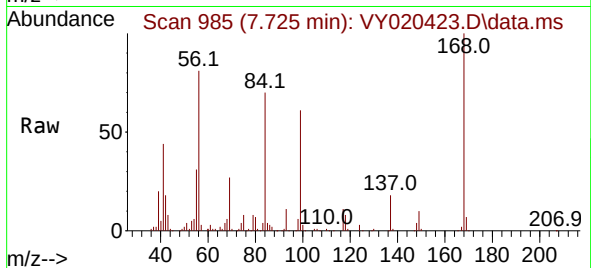




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.725 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

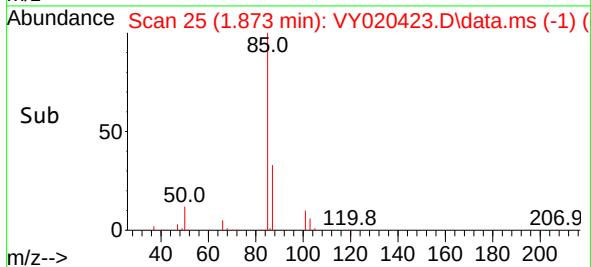
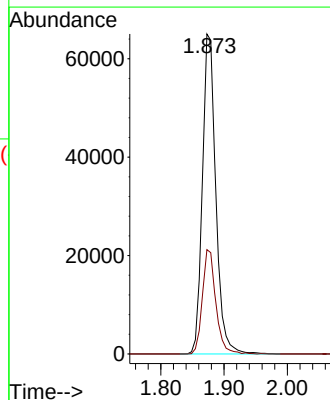
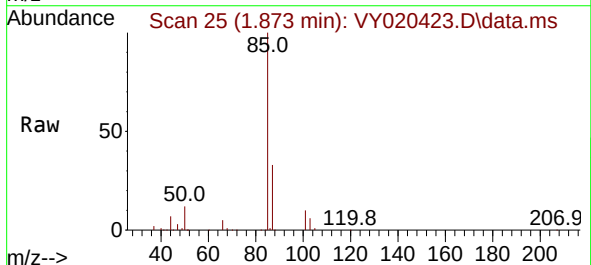
Instrument :  
MSVOA\_Y  
ClientSampleId :

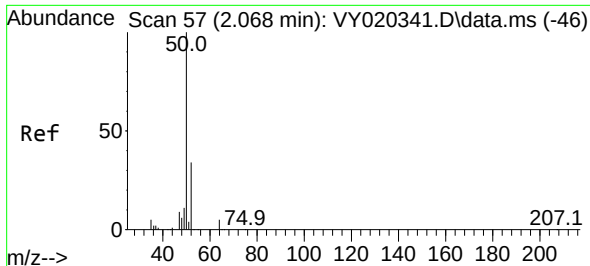
Tgt Ion:168 Resp: 174684  
Ion Ratio Lower Upper  
168 100  
99 61.0 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 56.750 ug/l  
RT: 1.873 min Scan# 25  
Delta R.T. 0.006 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 85 Resp: 96224  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.1 48.2

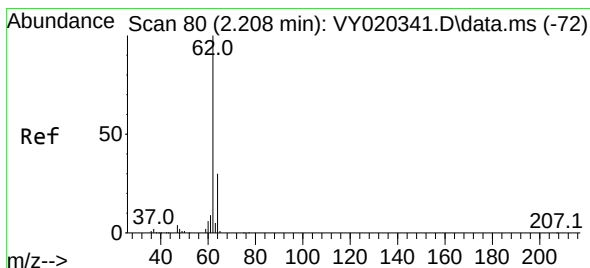
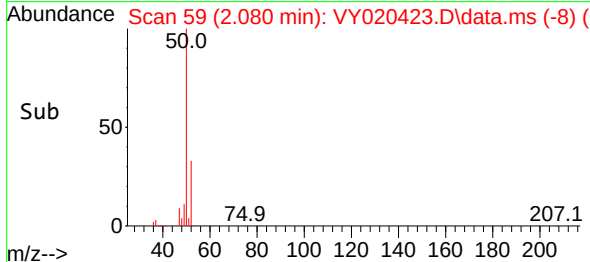
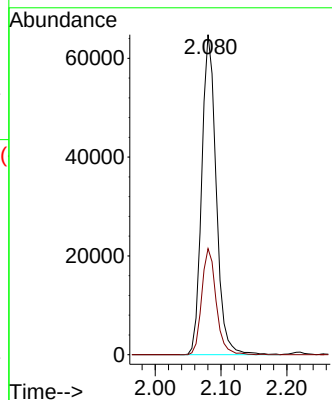
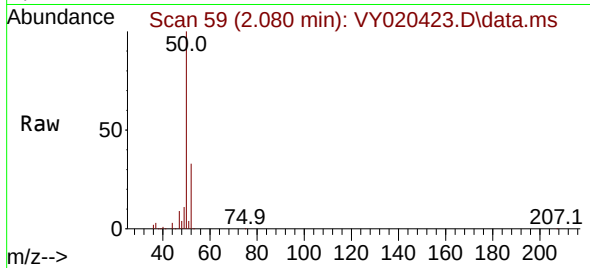




#3  
Chloromethane  
Concen: 44.152 ug/l  
RT: 2.080 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

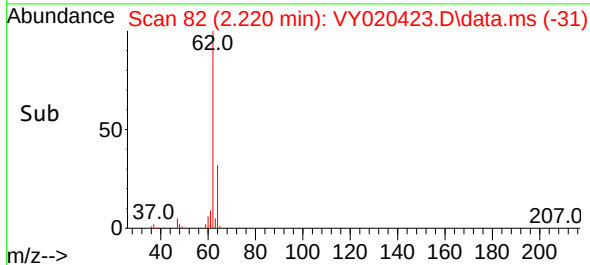
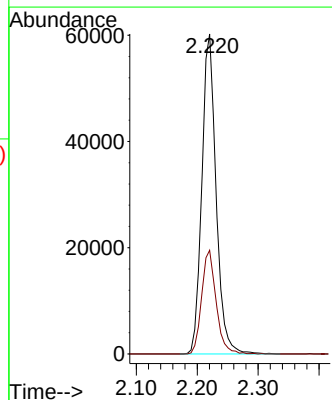
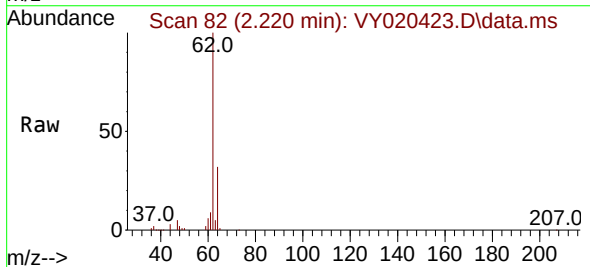
Instrument :  
MSVOA\_Y  
ClientSampleId :

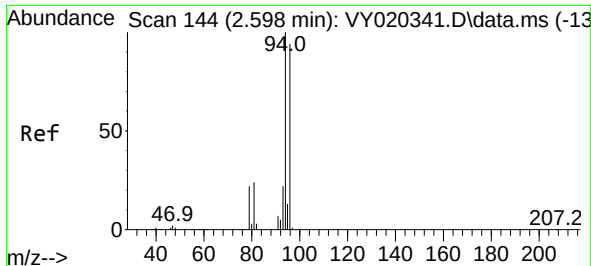
Tgt Ion: 50 Resp: 99273  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.9 40.3



#4  
Vinyl Chloride  
Concen: 42.091 ug/l  
RT: 2.220 min Scan# 82  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 62 Resp: 97909  
Ion Ratio Lower Upper  
62 100  
64 32.4 24.7 37.1

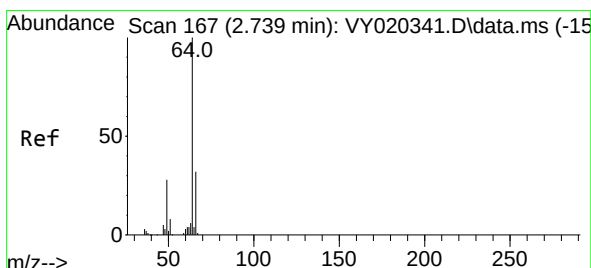
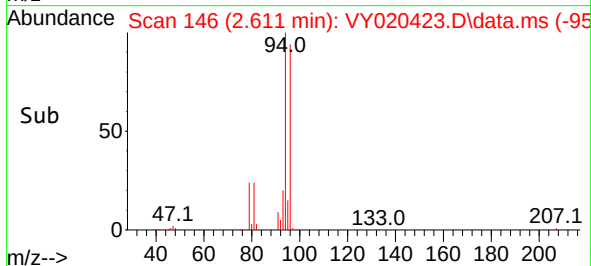
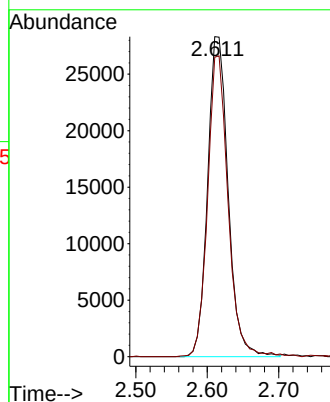
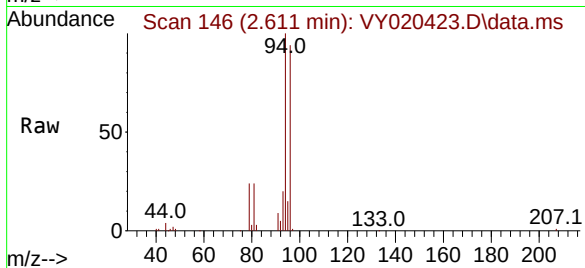




#5  
Bromomethane  
Concen: 48.608 ug/l  
RT: 2.611 min Scan# 144  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

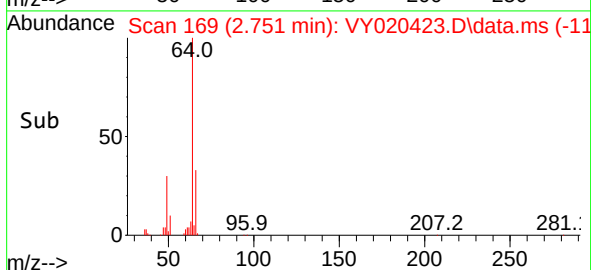
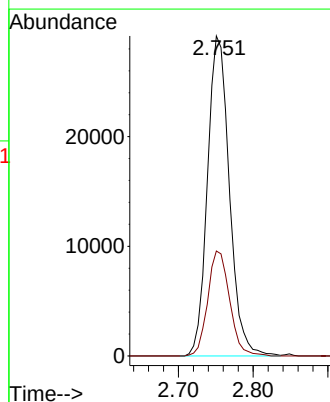
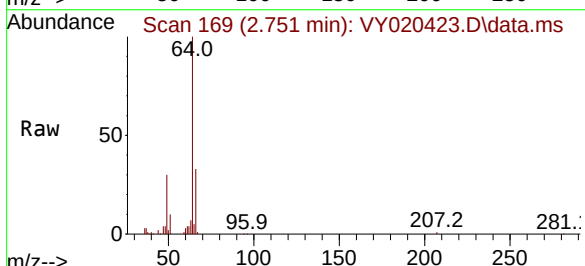
Instrument :  
MSVOA\_Y  
ClientSampleId :

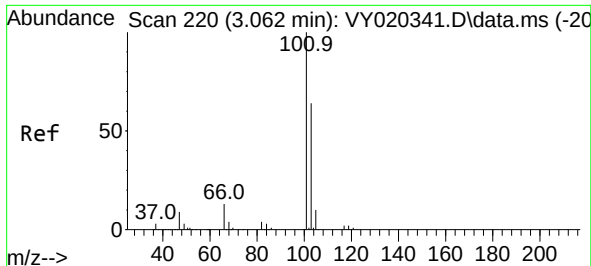
Tgt Ion: 94 Resp: 56470  
Ion Ratio Lower Upper  
94 100  
96 93.4 75.4 113.2



#6  
Chloroethane  
Concen: 43.894 ug/l  
RT: 2.751 min Scan# 169  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 64 Resp: 59563  
Ion Ratio Lower Upper  
64 100  
66 32.8 25.7 38.5

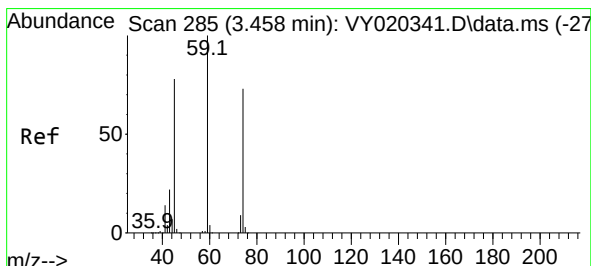
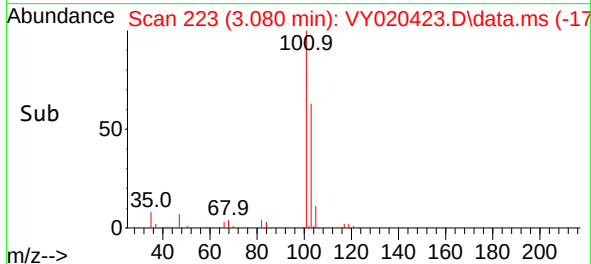
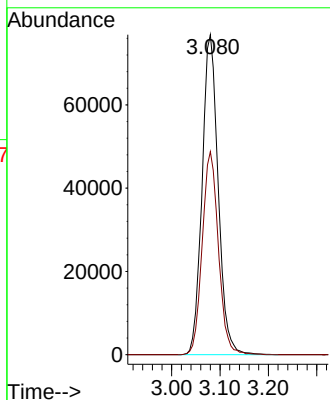
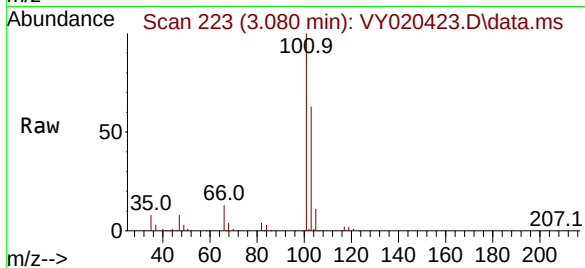




#7  
 Trichlorofluoromethane  
 Concen: 54.929 ug/l  
 RT: 3.080 min Scan# 21  
 Delta R.T. 0.018 min  
 Lab File: VY020423.D  
 Acq: 25 Nov 2024 09:46

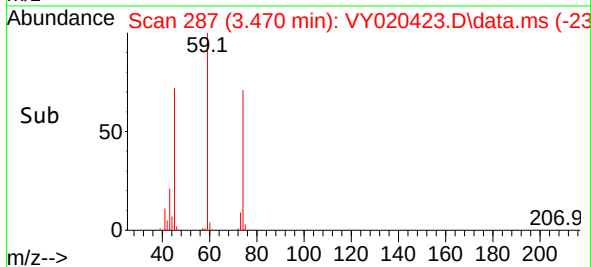
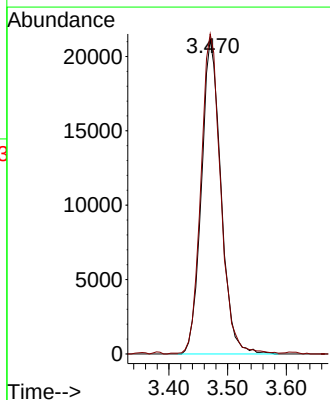
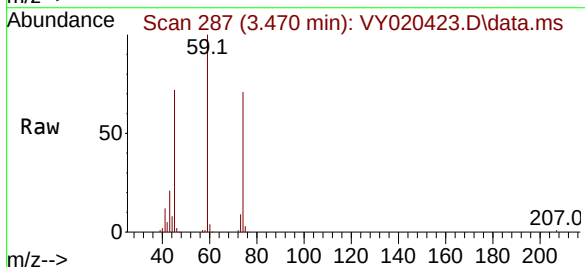
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 177559  
 Ion Ratio Lower Upper  
 101 100  
 103 63.4 51.5 77.3

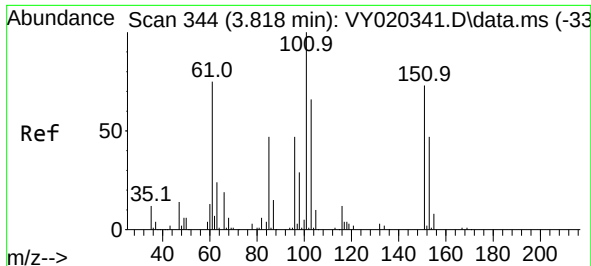


#8  
 Diethyl Ether  
 Concen: 47.874 ug/l  
 RT: 3.470 min Scan# 287  
 Delta R.T. 0.012 min  
 Lab File: VY020423.D  
 Acq: 25 Nov 2024 09:46

Tgt Ion: 74 Resp: 48827  
 Ion Ratio Lower Upper  
 74 100  
 45 103.4 53.6 160.8



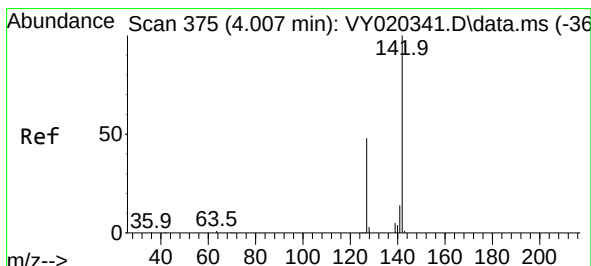
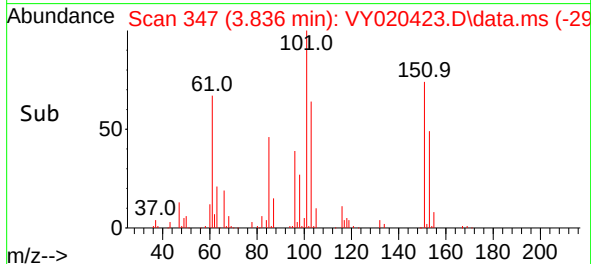
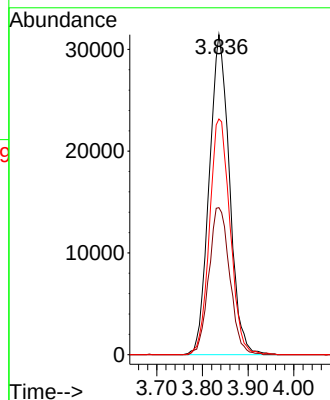
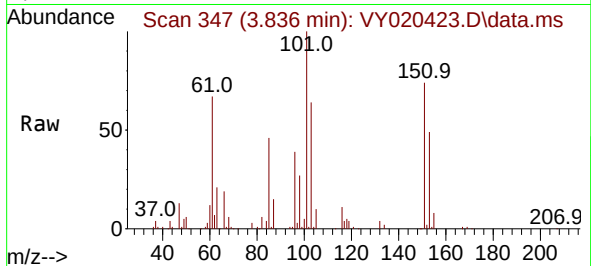




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.276 ug/l  
RT: 3.836 min Scan# 344  
Delta R.T. 0.018 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

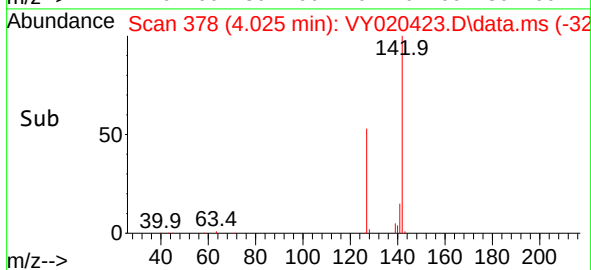
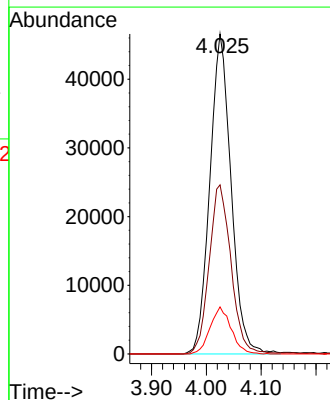
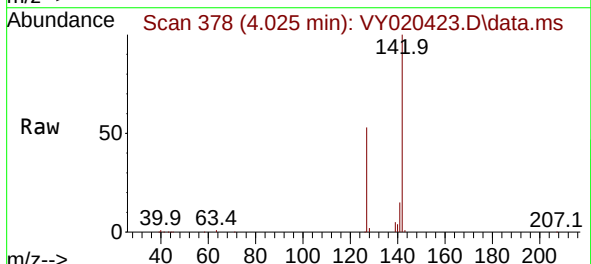
Instrument :  
MSVOA\_Y  
ClientSampleId :

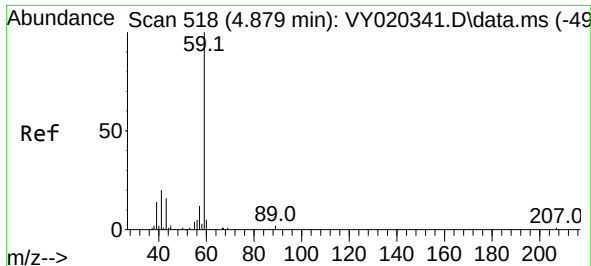
Tgt Ion:101 Resp: 96786  
Ion Ratio Lower Upper  
101 100  
85 47.4 38.0 57.0  
151 74.8 59.6 89.4



#10  
Methyl Iodide  
Concen: 48.610 ug/l  
RT: 4.025 min Scan# 378  
Delta R.T. 0.018 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion:142 Resp: 125345  
Ion Ratio Lower Upper  
142 100  
127 54.2 38.9 58.3  
141 14.6 11.7 17.5

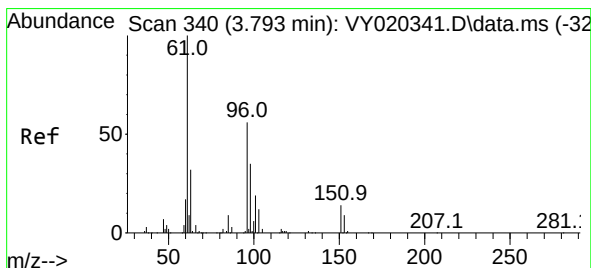
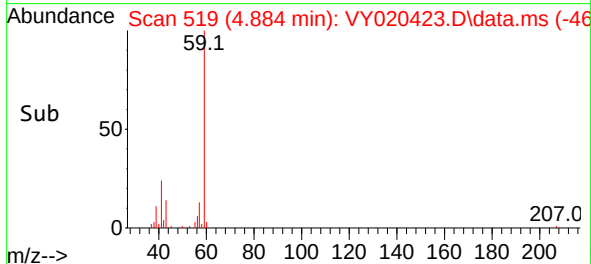
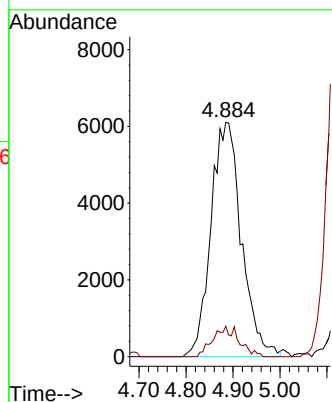
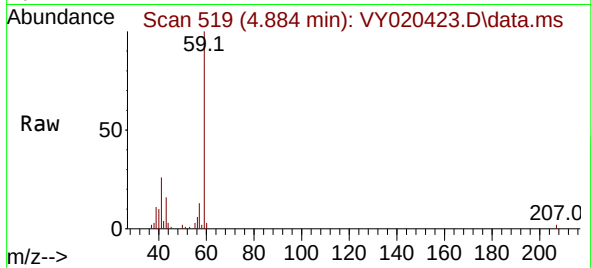




#11  
Tert butyl alcohol  
Concen: 182.814 ug/l  
RT: 4.884 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

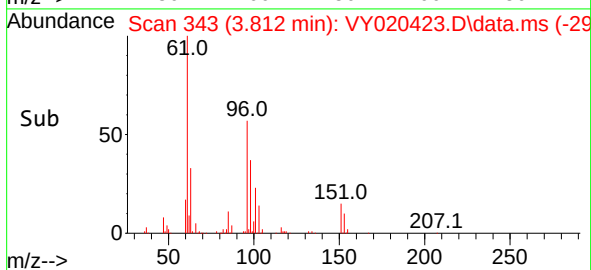
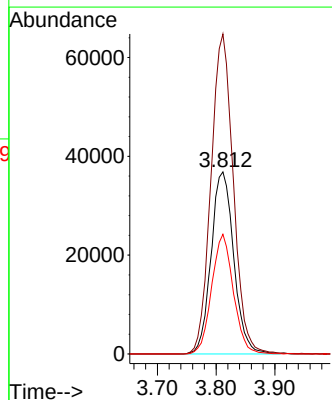
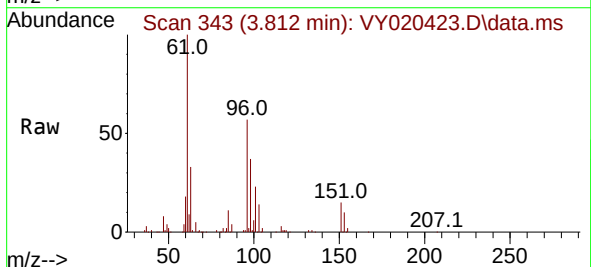
Instrument :  
MSVOA\_Y  
ClientSampleId :

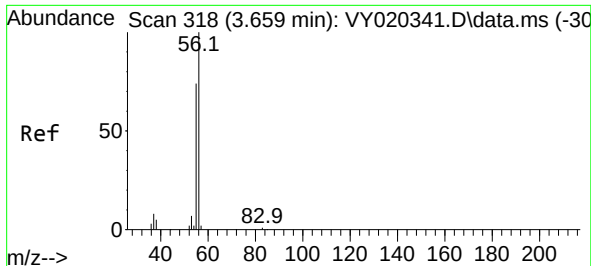
Tgt Ion: 59 Resp: 27541  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 51.810 ug/l  
RT: 3.812 min Scan# 343  
Delta R.T. 0.018 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 96 Resp: 98728  
Ion Ratio Lower Upper  
96 100  
61 175.7 143.3 214.9  
98 65.7 49.8 74.8





#13

Acrolein

Concen: 239.879 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

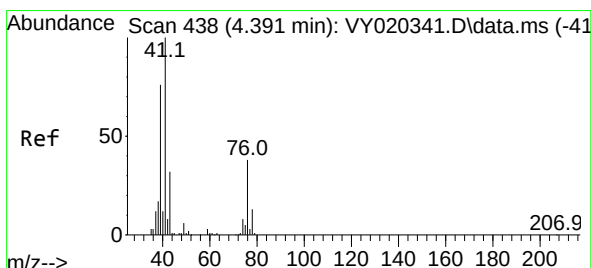
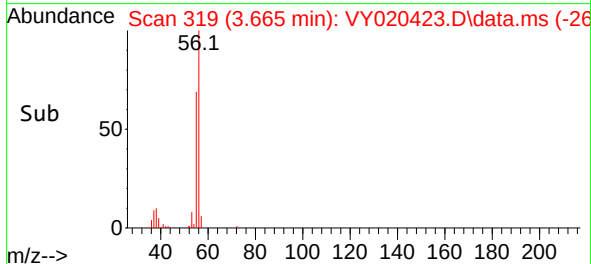
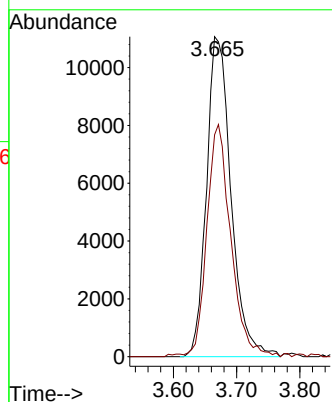
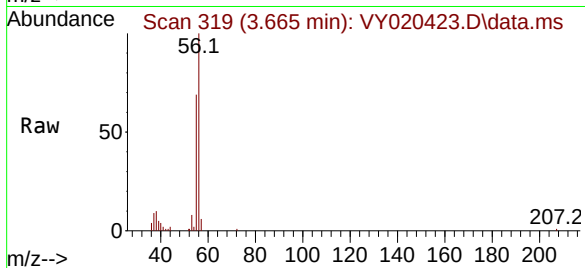
ClientSampleId :

Tgt Ion: 56 Resp: 29810

Ion Ratio Lower Upper

56 100

55 71.0 57.7 86.5



#14

Allyl chloride

Concen: 48.167 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

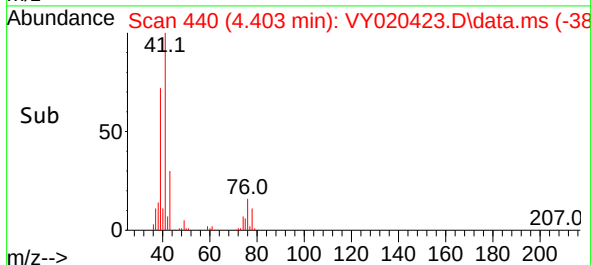
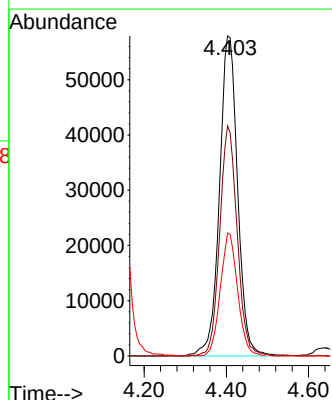
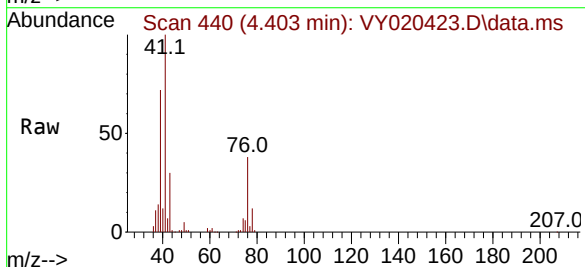
Tgt Ion: 41 Resp: 177493

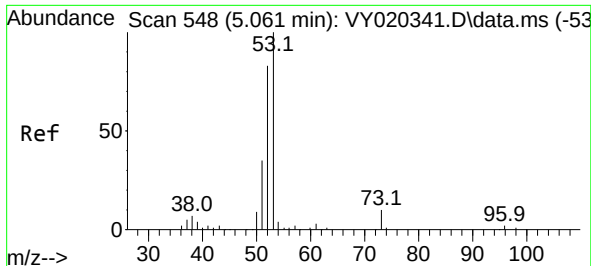
Ion Ratio Lower Upper

41 100

39 69.2 58.8 88.2

76 36.6 29.7 44.5

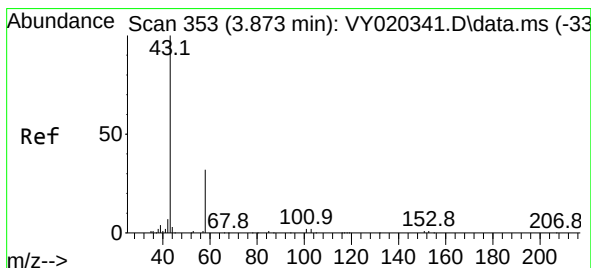
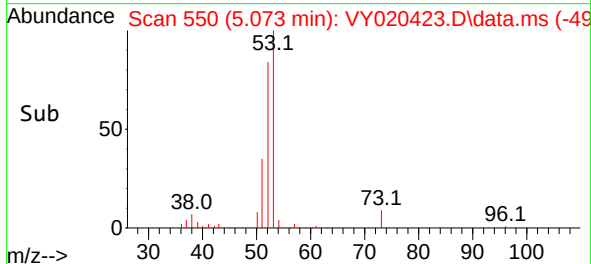
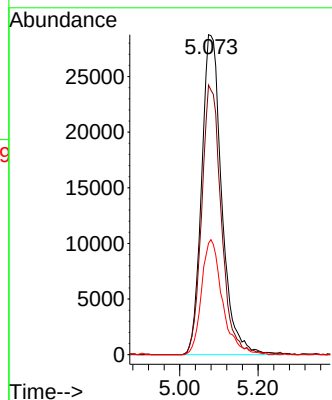
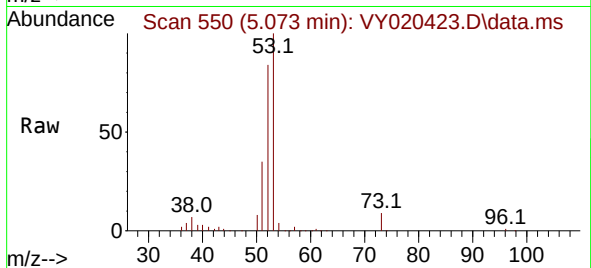




#15  
Acrylonitrile  
Concen: 228.101 ug/l  
RT: 5.073 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

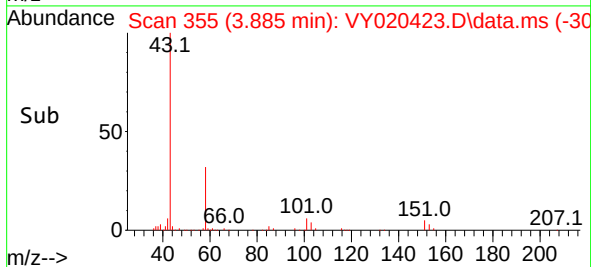
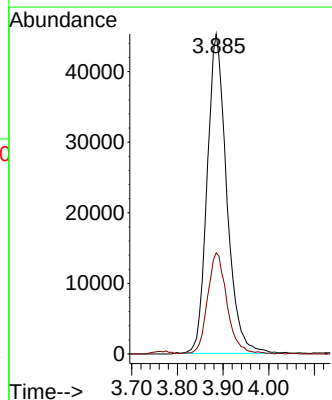
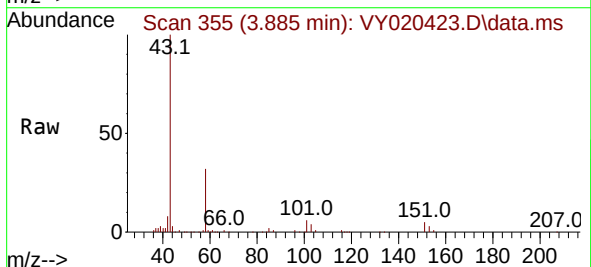
Instrument :  
MSVOA\_Y  
ClientSampleId :

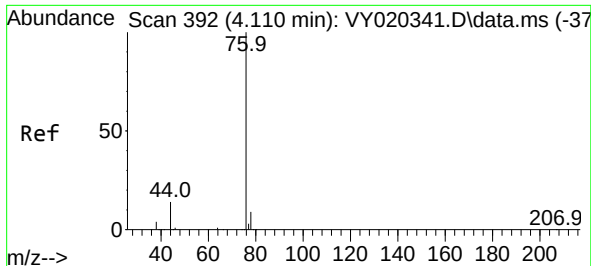
Tgt Ion: 53 Resp: 102840  
Ion Ratio Lower Upper  
53 100  
52 81.7 65.2 97.8  
51 37.1 30.2 45.4



#16  
Acetone  
Concen: 279.161 ug/l  
RT: 3.885 min Scan# 355  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 43 Resp: 134309  
Ion Ratio Lower Upper  
43 100  
58 31.5 25.7 38.5

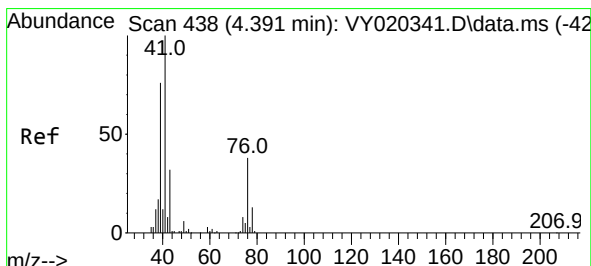
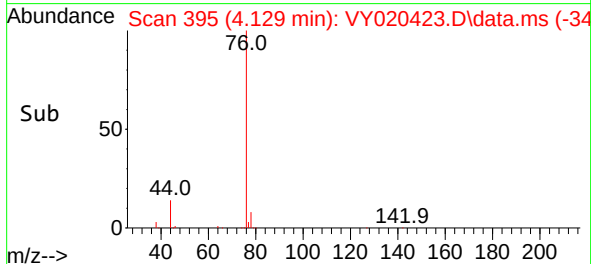
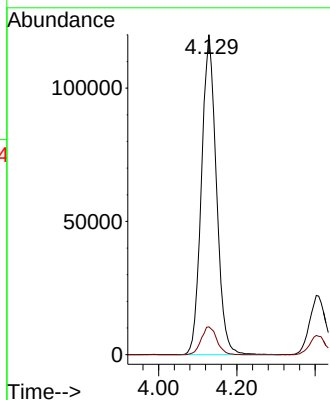
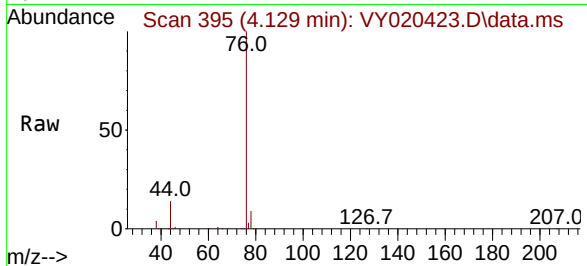




#17  
Carbon Disulfide  
Concen: 49.322 ug/l  
RT: 4.129 min Scan# 392  
Delta R.T. 0.018 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

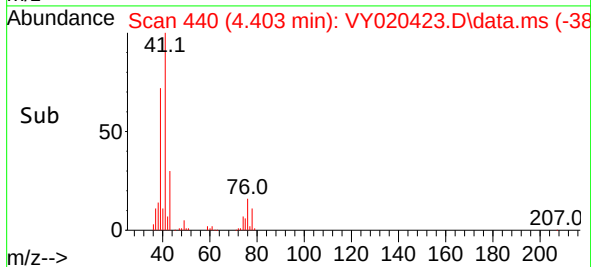
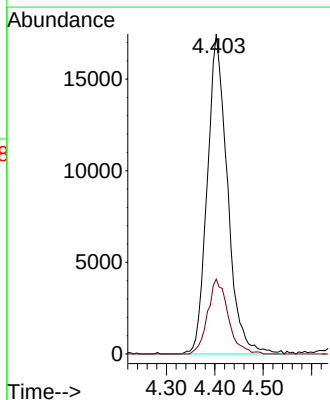
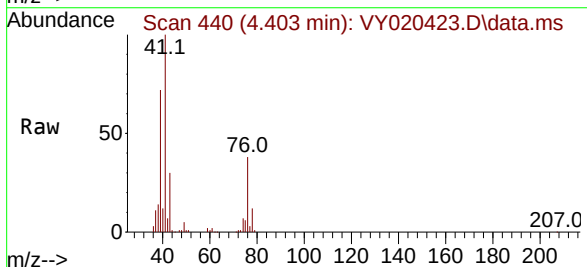
Instrument :  
MSVOA\_Y  
ClientSampleId :

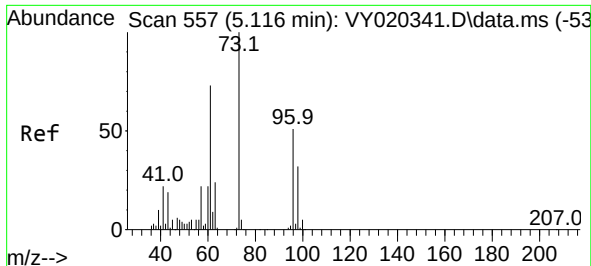
Tgt Ion: 76 Resp: 316647  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9



#18  
Methyl Acetate  
Concen: 45.049 ug/l  
RT: 4.403 min Scan# 440  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 43 Resp: 50522  
Ion Ratio Lower Upper  
43 100  
74 23.7 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 49.120 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

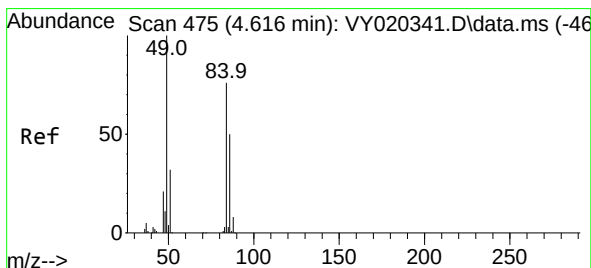
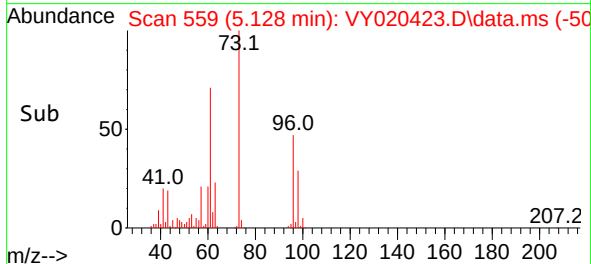
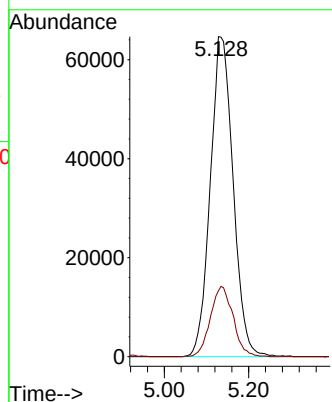
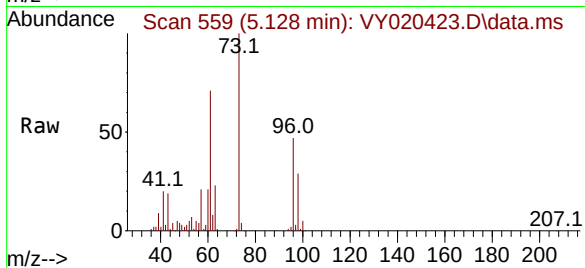
ClientSampleId :

Tgt Ion: 73 Resp: 243157

Ion Ratio Lower Upper

73 100

57 20.6 18.0 27.0



#20

Methylene Chloride

Concen: 49.649 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.024 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Tgt Ion: 84 Resp: 101155

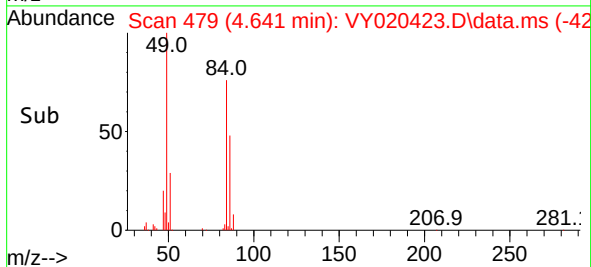
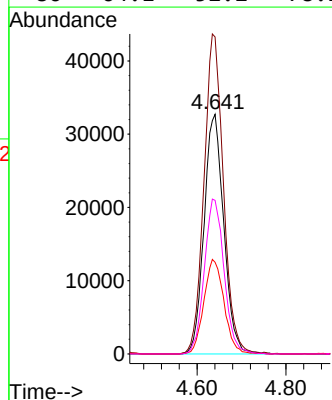
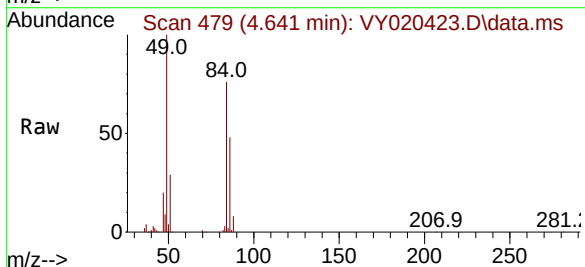
Ion Ratio Lower Upper

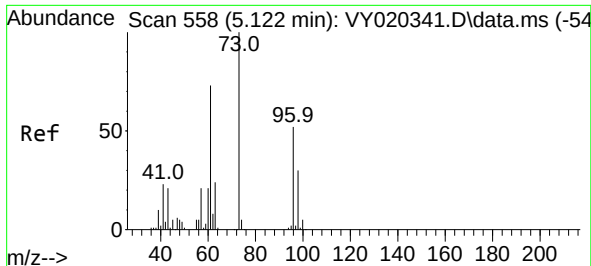
84 100

49 132.2 104.7 157.1

51 38.2 33.4 50.0

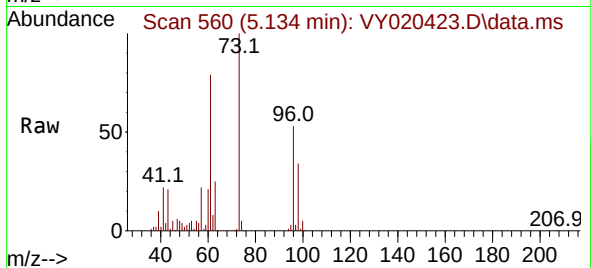
86 64.1 52.2 78.2



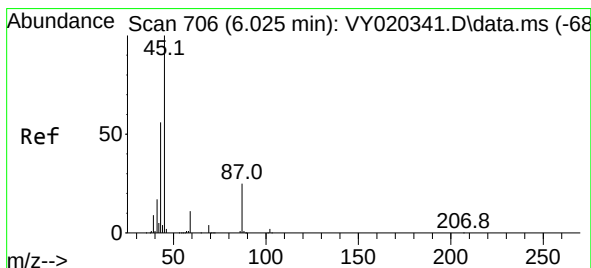
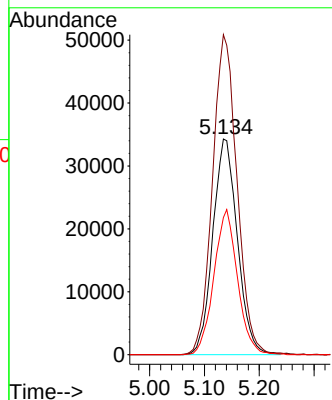
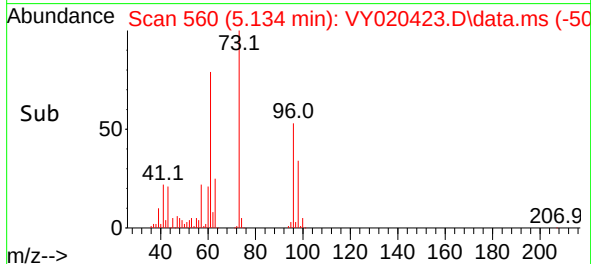


#21  
trans-1,2-Dichloroethene  
Concen: 50.500 ug/l  
RT: 5.134 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

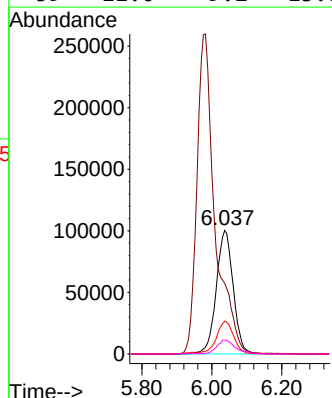
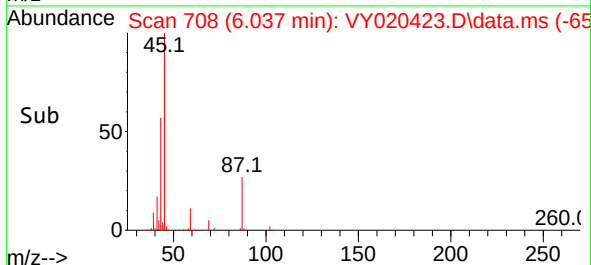
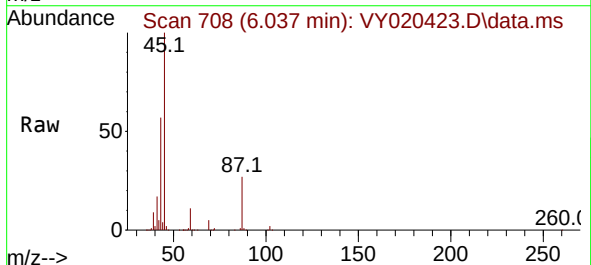


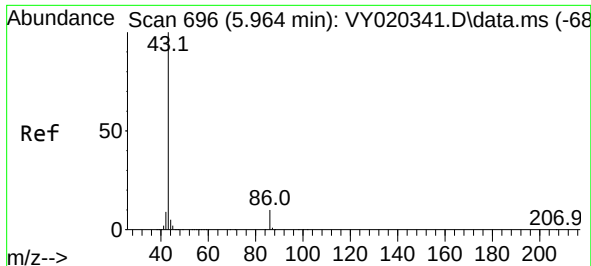
Tgt Ion: 96 Resp: 106881  
Ion Ratio Lower Upper  
96 100  
61 148.4 111.6 167.4  
98 63.6 46.7 70.1



#22  
Diisopropyl ether  
Concen: 46.441 ug/l  
RT: 6.037 min Scan# 708  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 45 Resp: 337243  
Ion Ratio Lower Upper  
45 100  
43 57.0 44.8 67.2  
87 26.6 20.6 30.8  
59 11.0 9.2 13.8

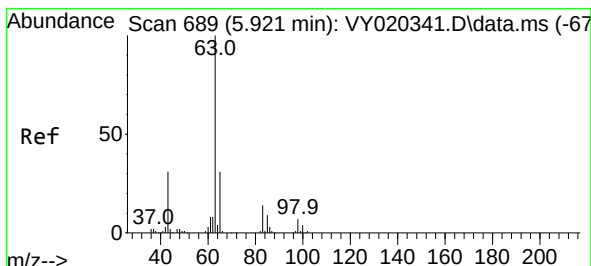
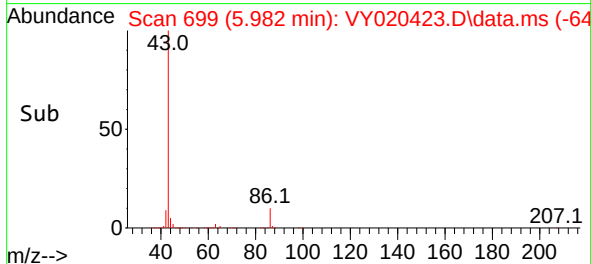
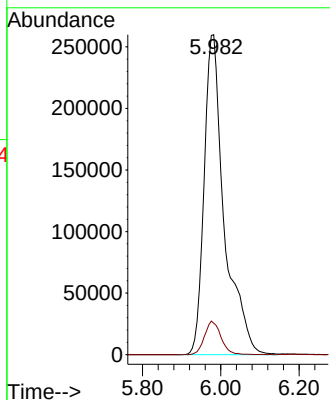
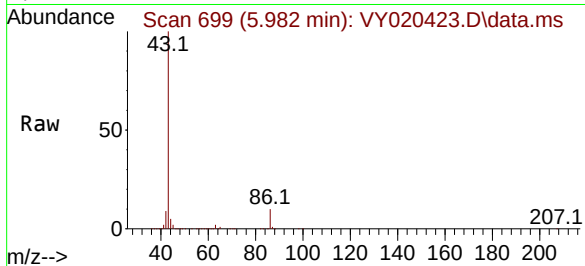




#23  
 Vinyl Acetate  
 Concen: 228.762 ug/l  
 RT: 5.982 min Scan# 696  
 Delta R.T. 0.018 min  
 Lab File: VY020423.D  
 Acq: 25 Nov 2024 09:46

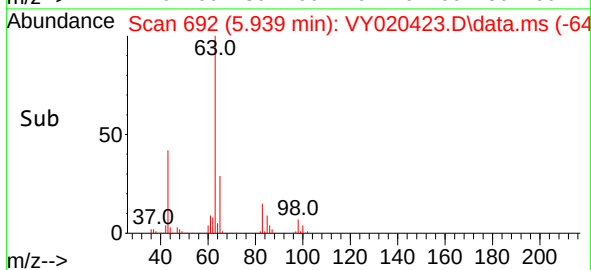
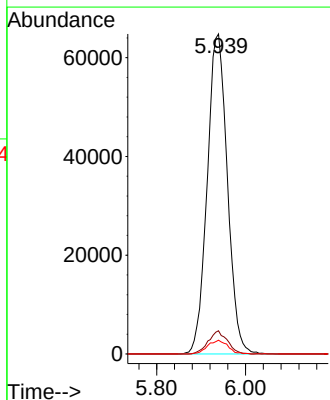
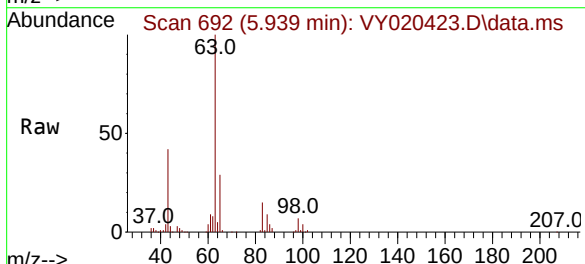
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 928358  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.0 12.0

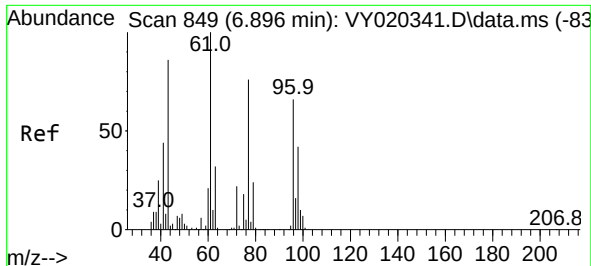


#24  
 1,1-Dichloroethane  
 Concen: 49.849 ug/l  
 RT: 5.939 min Scan# 692  
 Delta R.T. 0.018 min  
 Lab File: VY020423.D  
 Acq: 25 Nov 2024 09:46

Tgt Ion: 63 Resp: 204360  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.4 10.1  
 100 4.3 2.0 5.8

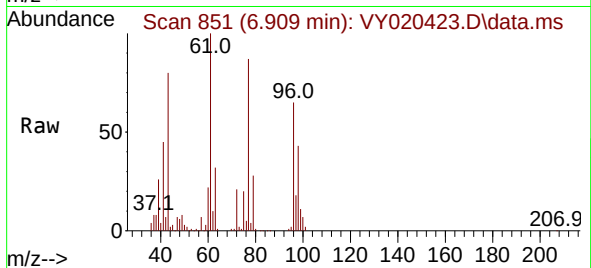




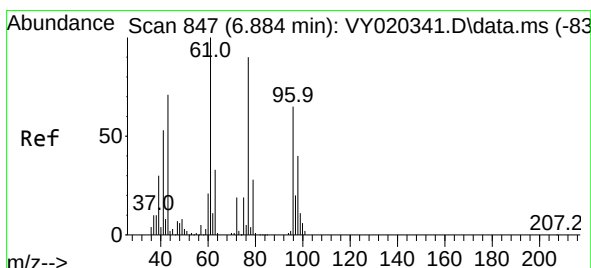
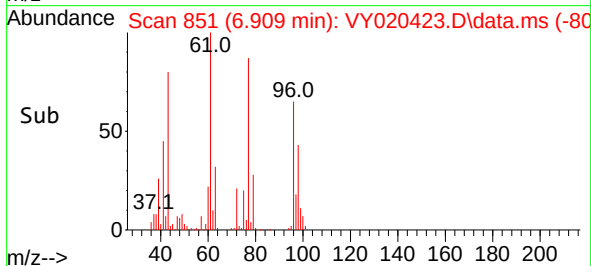
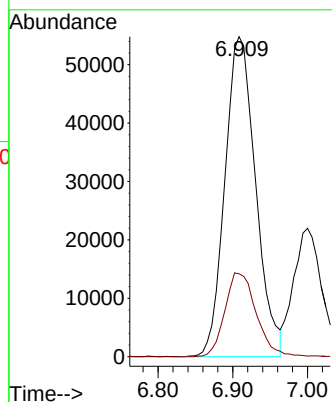


#25  
2-Butanone  
Concen: 253.614 ug/l  
RT: 6.909 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

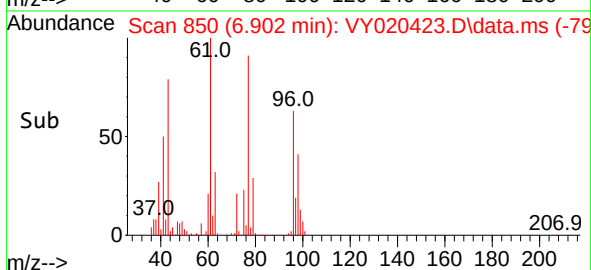
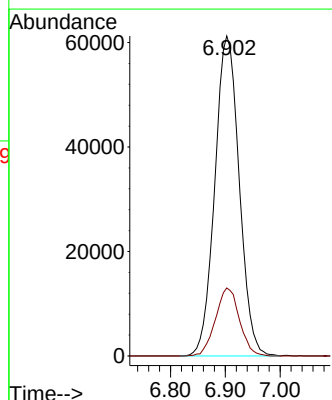
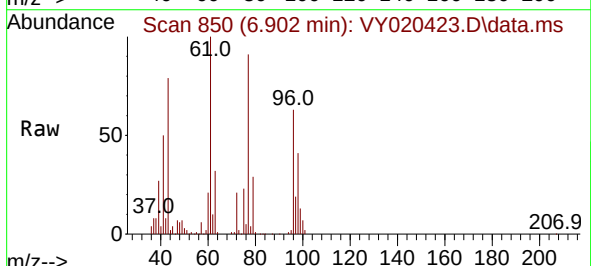


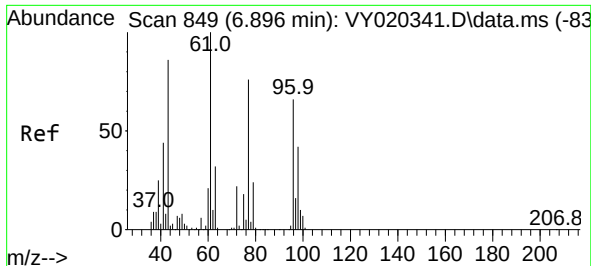
Tgt Ion: 43 Resp: 157085  
Ion Ratio Lower Upper  
43 100  
72 25.9 20.4 30.6



#26  
2,2-Dichloropropane  
Concen: 55.863 ug/l  
RT: 6.902 min Scan# 850  
Delta R.T. 0.018 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 77 Resp: 189283  
Ion Ratio Lower Upper  
77 100  
97 20.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.576 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

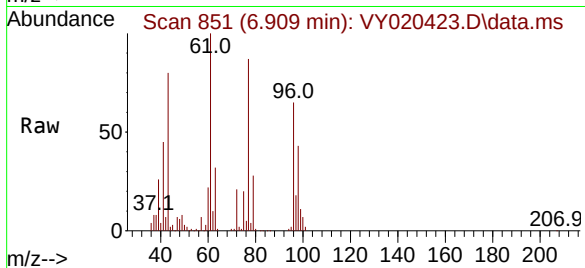
Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :



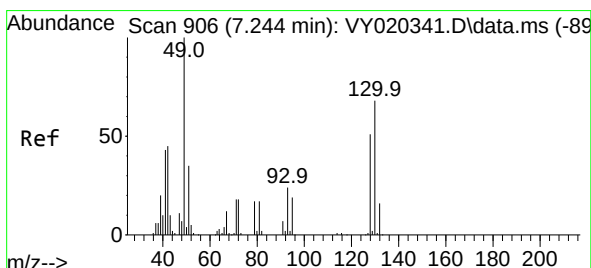
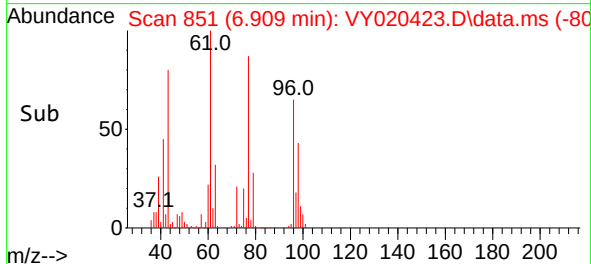
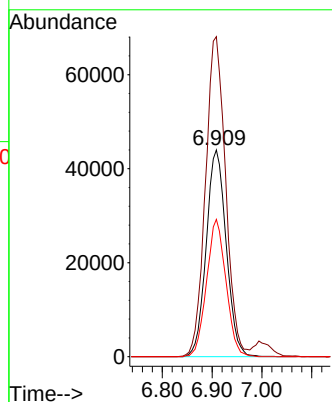
Tgt Ion: 96 Resp: 122563

Ion Ratio Lower Upper

96 100

61 156.3 0.0 312.4

98 64.4 0.0 126.8



#28

Bromochloromethane

Concen: 41.003 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

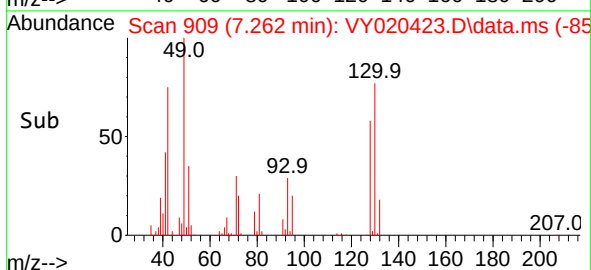
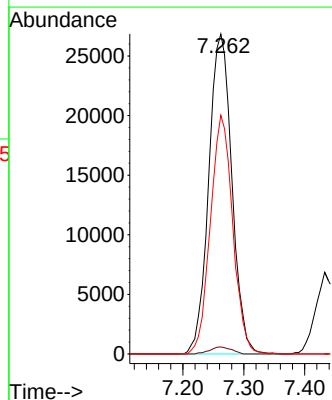
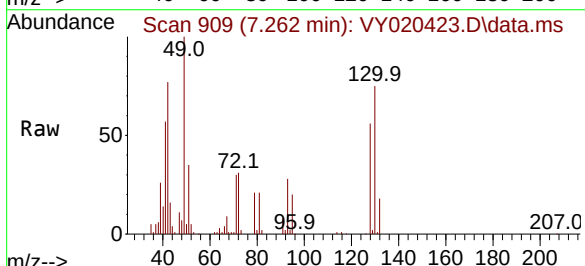
Tgt Ion: 49 Resp: 70747

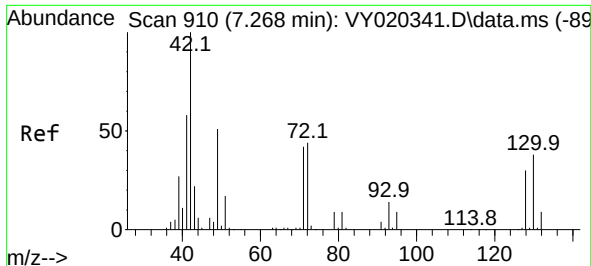
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 72.1 55.0 82.6





#29

Tetrahydrofuran

Concen: 223.055 ug/l

RT: 7.280 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

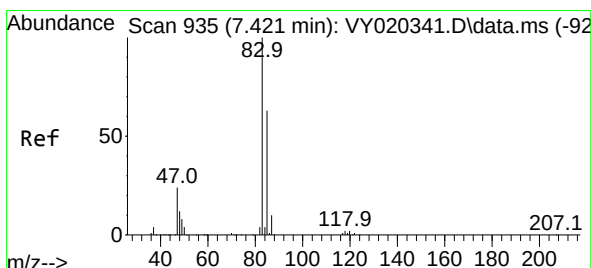
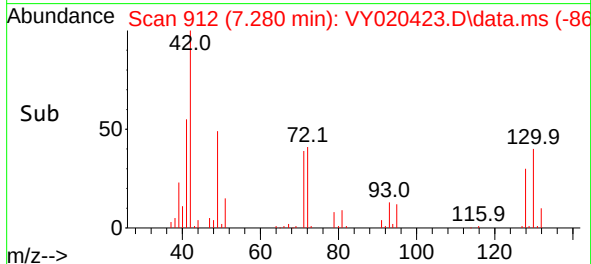
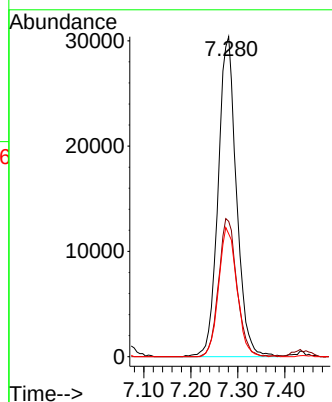
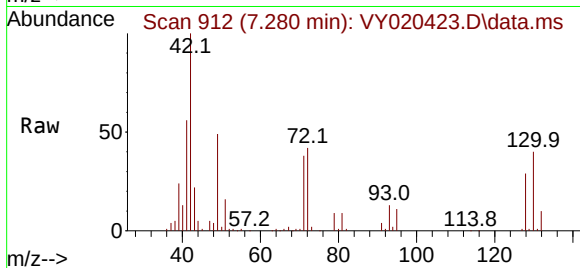
Tgt Ion: 42 Resp: 82573

Ion Ratio Lower Upper

42 100

72 43.2 33.4 50.0

71 40.1 31.9 47.9



#30

Chloroform

Concen: 51.646 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY020423.D

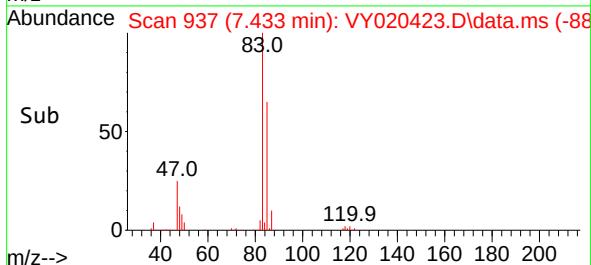
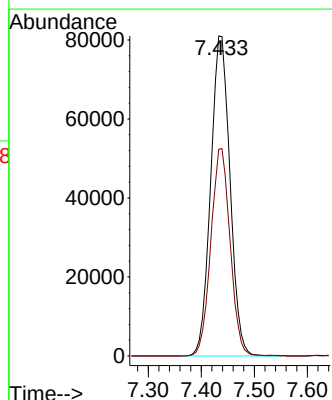
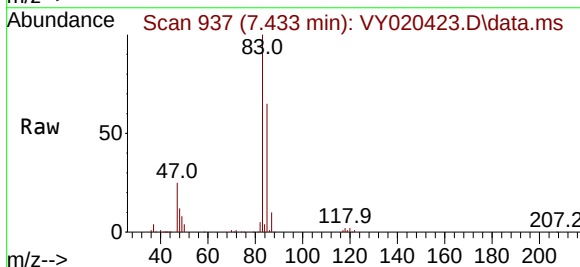
Acq: 25 Nov 2024 09:46

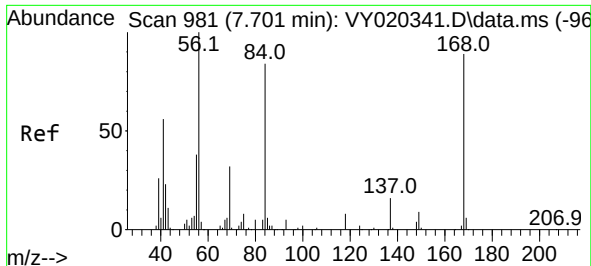
Tgt Ion: 83 Resp: 204452

Ion Ratio Lower Upper

83 100

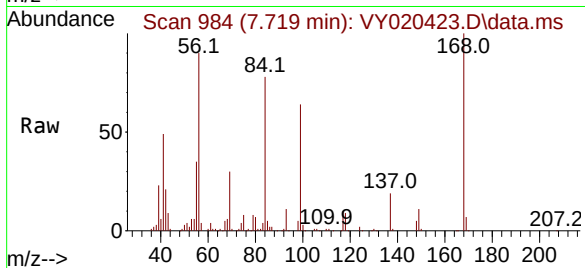
85 64.6 50.3 75.5



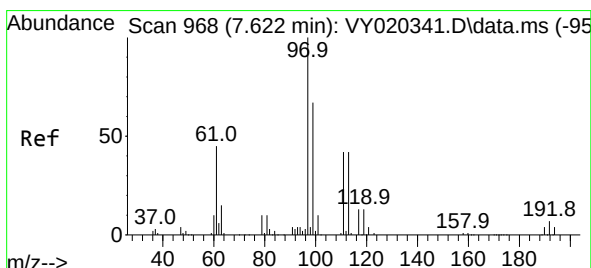
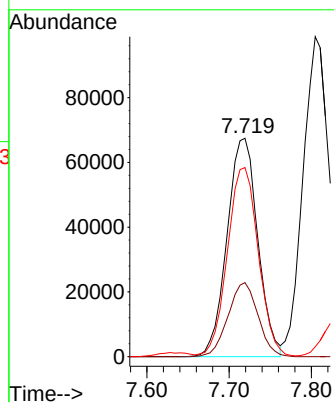
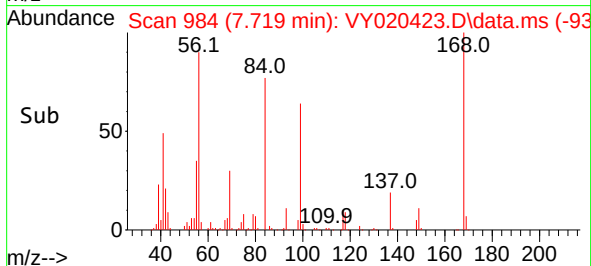


#31  
Cyclohexane  
Concen: 46.888 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. 0.018 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

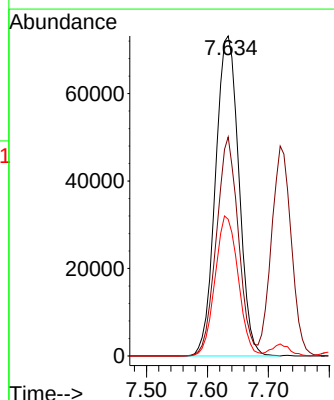
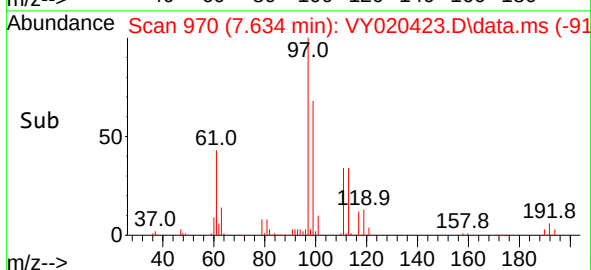
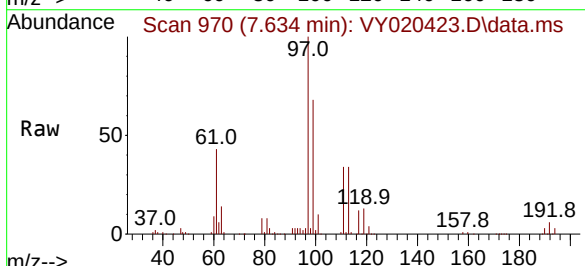


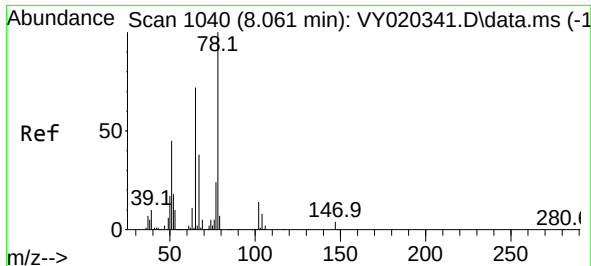
Tgt Ion: 56 Resp: 175415  
Ion Ratio Lower Upper  
56 100  
69 33.9 25.3 37.9  
84 84.8 66.9 100.3



#32  
1,1,1-Trichloroethane  
Concen: 56.034 ug/l  
RT: 7.634 min Scan# 970  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 97 Resp: 194774  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.8 77.6  
61 43.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 48.650 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

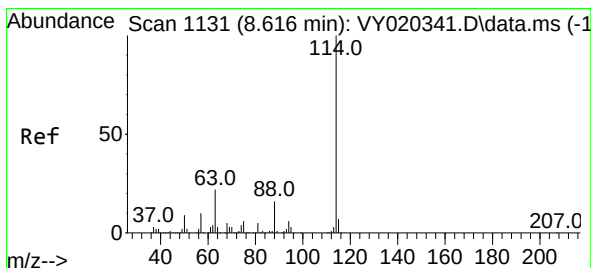
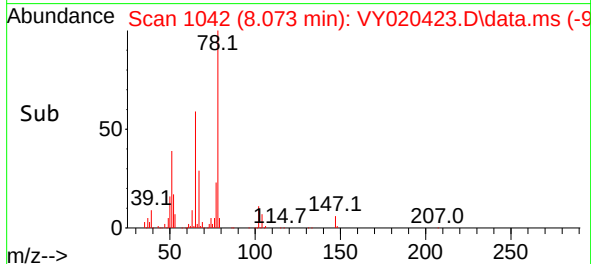
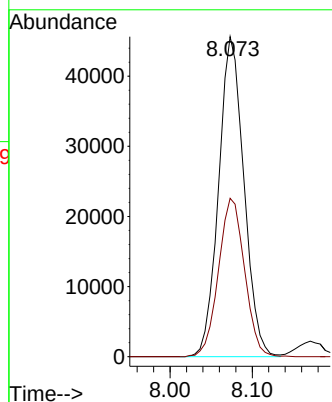
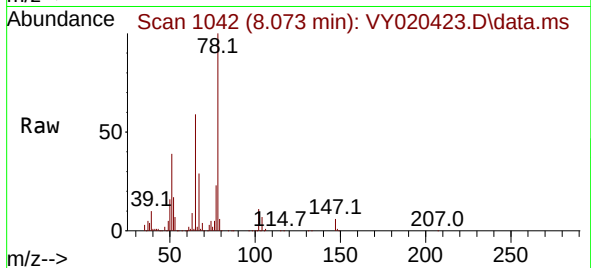
ClientSampleId :

Tgt Ion: 65 Resp: 97636

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

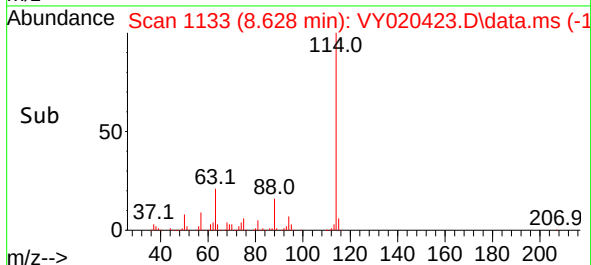
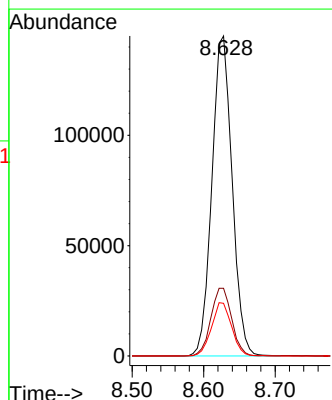
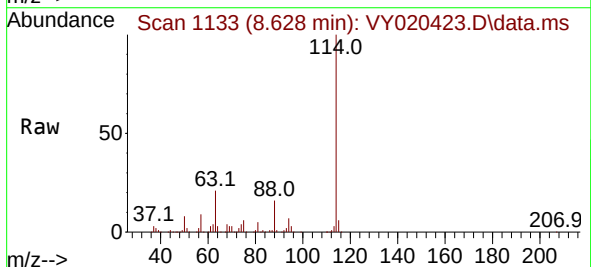
Tgt Ion: 114 Resp: 285382

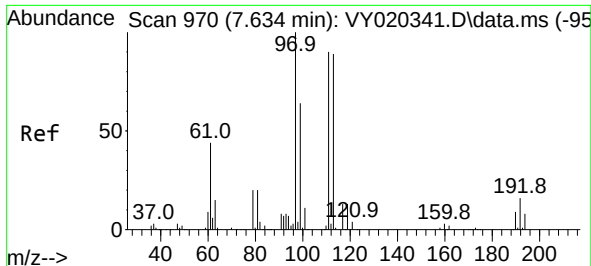
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.8

88 16.4 0.0 32.0

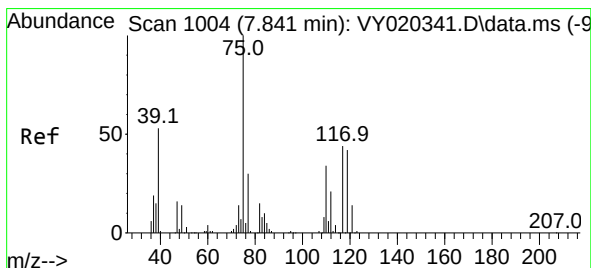
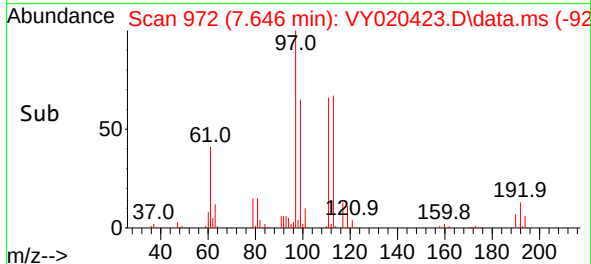
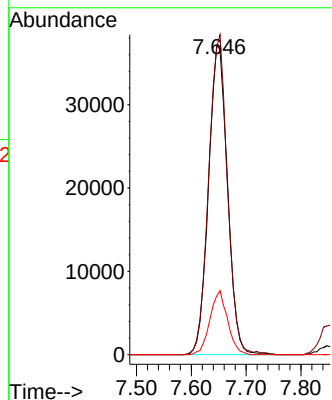
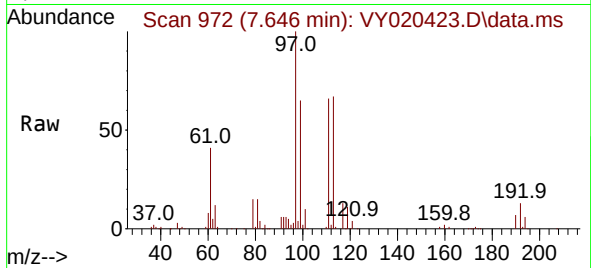




#35  
Dibromofluoromethane  
Concen: 48.776 ug/l  
RT: 7.646 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

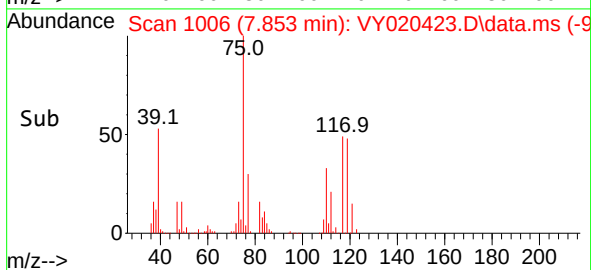
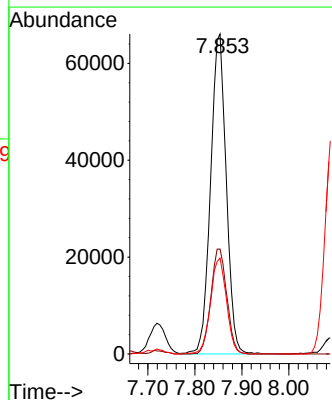
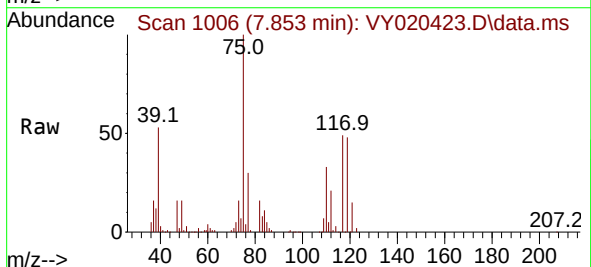
Instrument :  
MSVOA\_Y  
ClientSampleId :

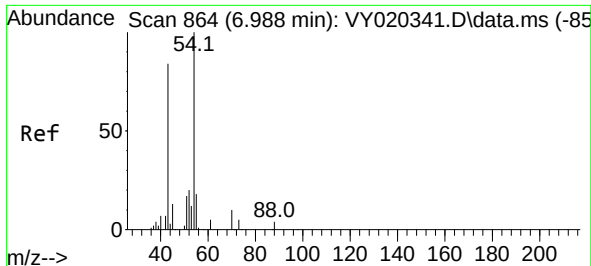
Tgt Ion:113 Resp: 89257  
Ion Ratio Lower Upper  
113 100  
111 101.9 81.4 122.0  
192 19.2 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 54.563 ug/l  
RT: 7.853 min Scan# 1006  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 75 Resp: 152503  
Ion Ratio Lower Upper  
75 100  
110 33.2 16.7 50.0  
77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 46.988 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

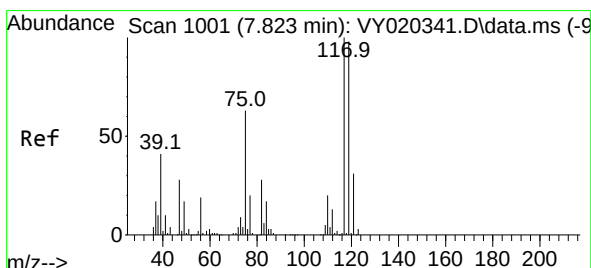
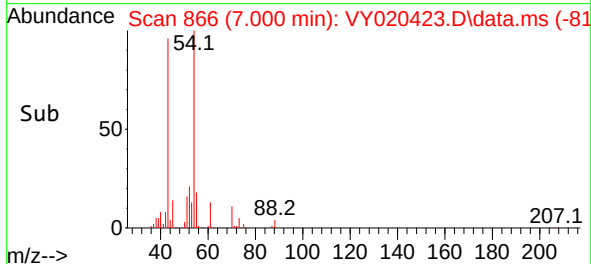
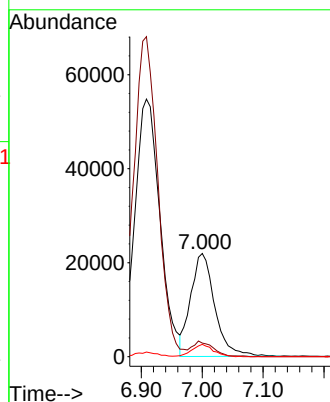
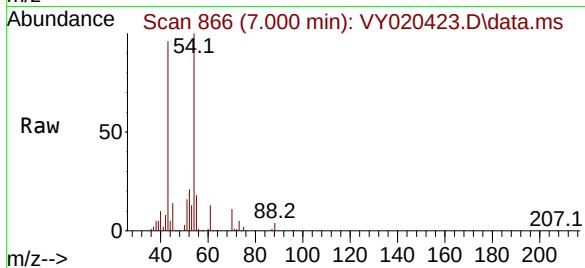
Tgt Ion: 43 Resp: 60163

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 10.5 7.3 10.9



#38

Carbon Tetrachloride

Concen: 61.270 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

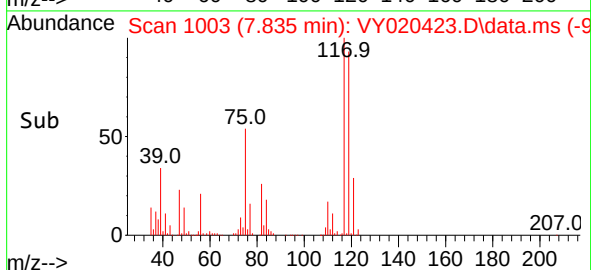
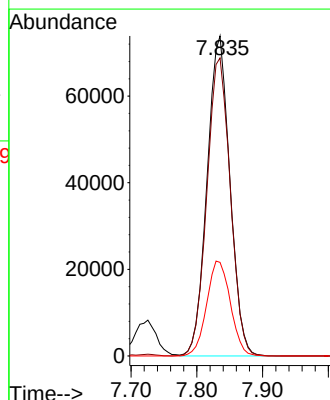
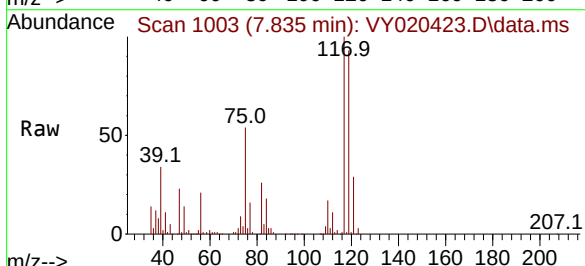
Tgt Ion: 117 Resp: 178803

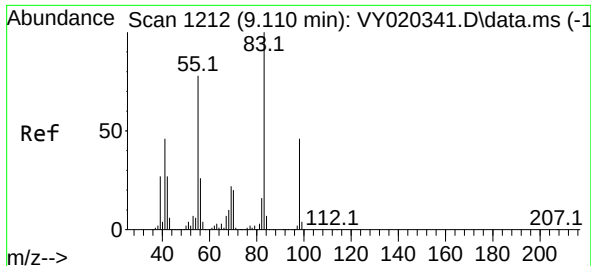
Ion Ratio Lower Upper

117 100

119 93.2 77.8 116.6

121 29.3 24.6 37.0





#39

Methylcyclohexane

Concen: 52.450 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

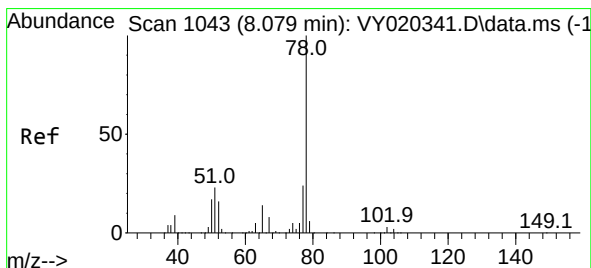
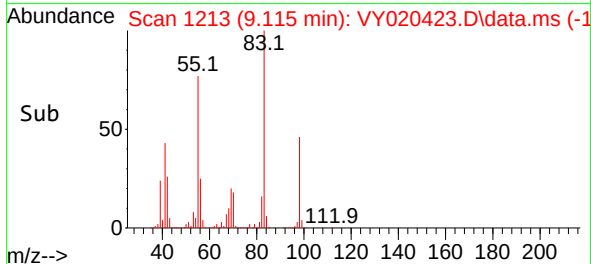
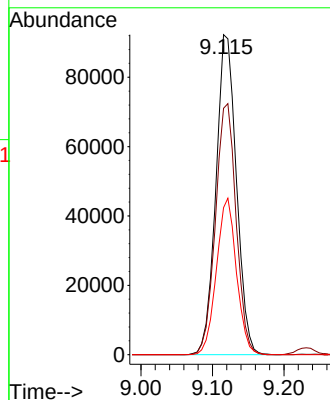
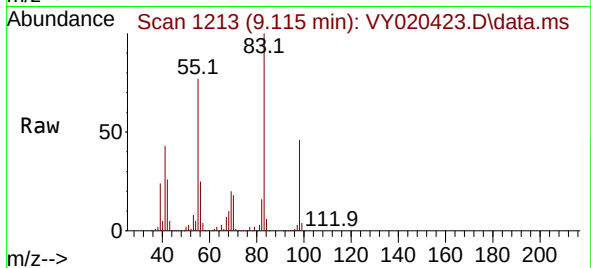
Tgt Ion: 83 Resp: 183470

Ion Ratio Lower Upper

83 100

55 77.0 62.6 93.8

98 46.0 37.0 55.4



#40

Benzene

Concen: 54.032 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020423.D

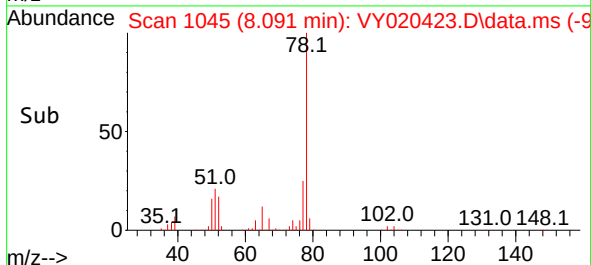
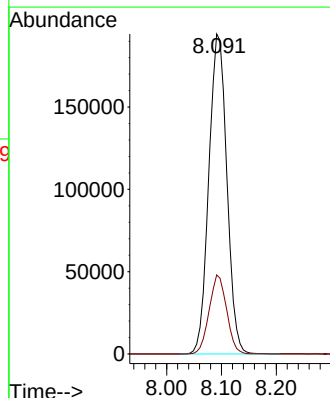
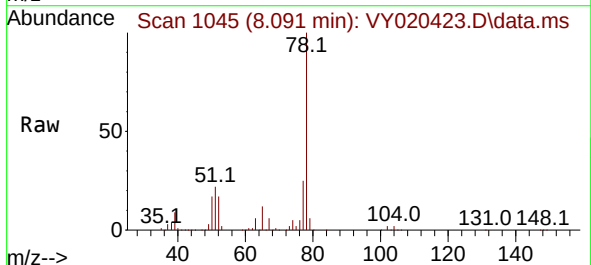
Acq: 25 Nov 2024 09:46

Tgt Ion: 78 Resp: 442569

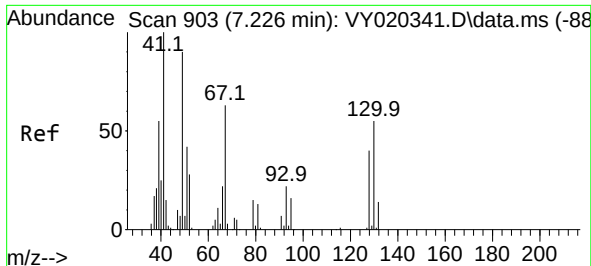
Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0



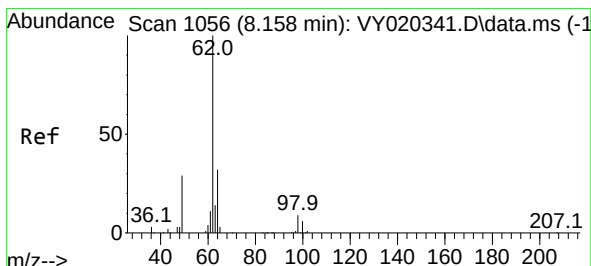
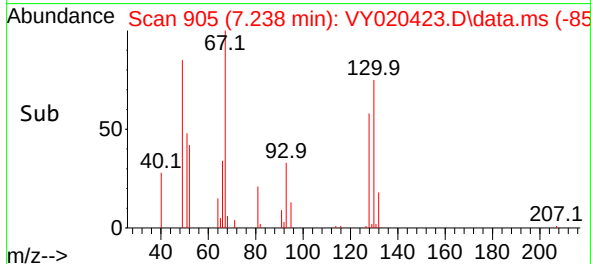
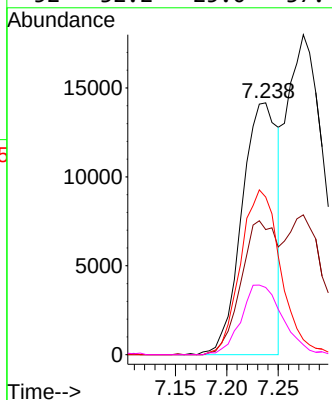
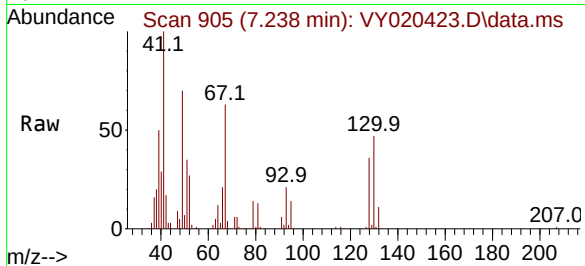




#41  
Methacrylonitrile  
Concen: 47.123 ug/l  
RT: 7.238 min Scan# 903  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

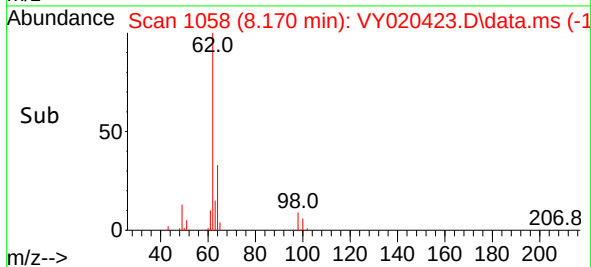
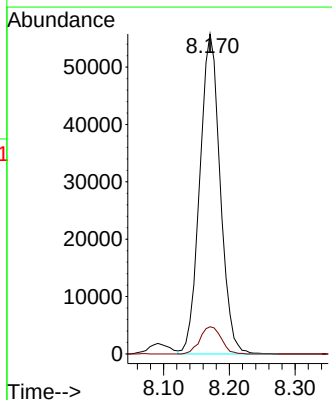
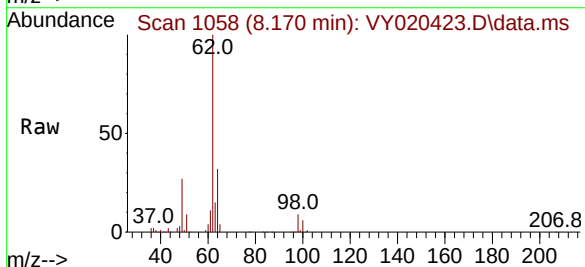
Instrument :  
MSVOA\_Y  
ClientSampleId :

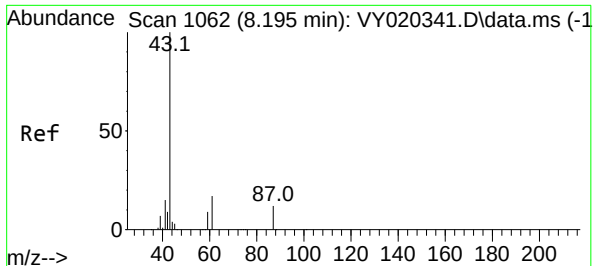
Tgt Ion: 41 Resp: 34330  
Ion Ratio Lower Upper  
41 100  
39 52.7 49.0 73.4  
67 73.1 57.1 85.7  
52 32.2 25.0 37.4



#42  
1,2-Dichloroethane  
Concen: 54.354 ug/l  
RT: 8.170 min Scan# 1058  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 62 Resp: 120173  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 18.0

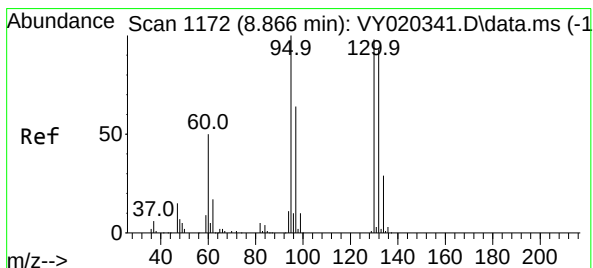
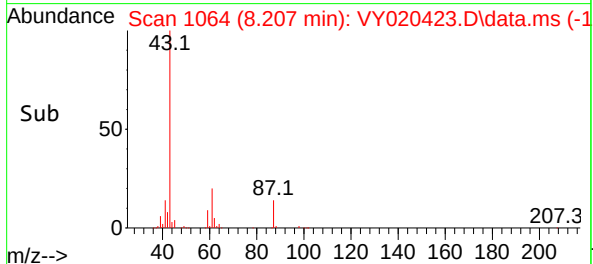
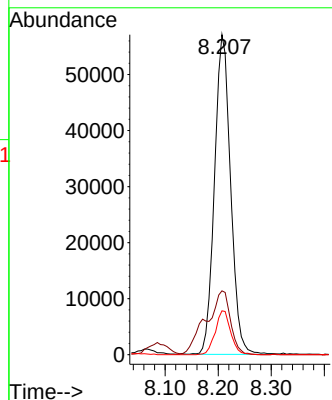
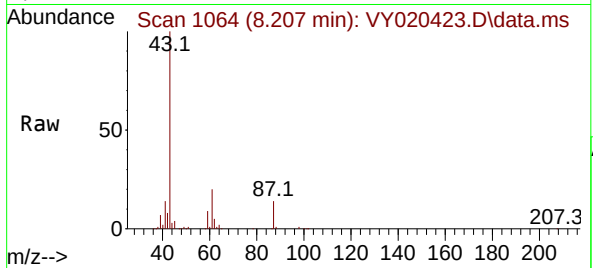




#43  
Isopropyl Acetate  
Concen: 48.405 ug/l  
RT: 8.207 min Scan# 1106  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

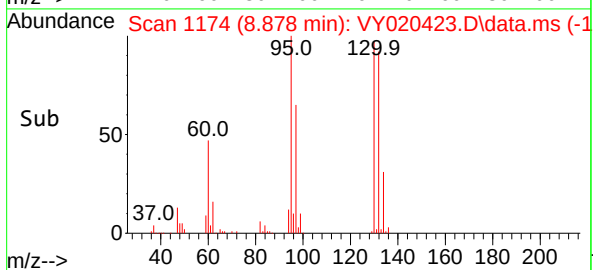
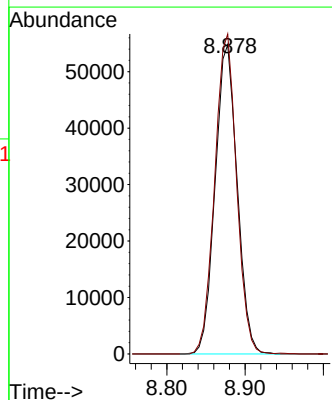
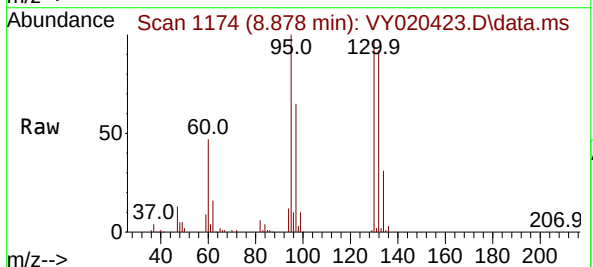
Instrument :  
MSVOA\_Y  
ClientSampleId :

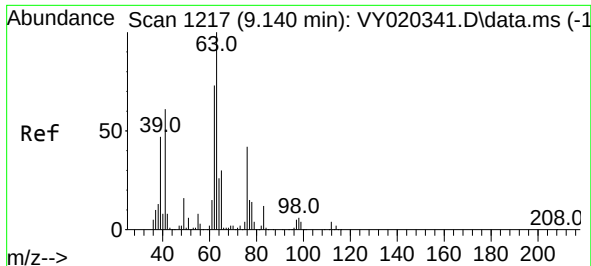
Tgt Ion: 43 Resp: 120526  
Ion Ratio Lower Upper  
43 100  
61 30.1 22.8 34.2  
87 13.1 9.6 14.4



#44  
Trichloroethene  
Concen: 55.194 ug/l  
RT: 8.878 min Scan# 1174  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion:130 Resp: 107113  
Ion Ratio Lower Upper  
130 100  
95 103.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.549 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

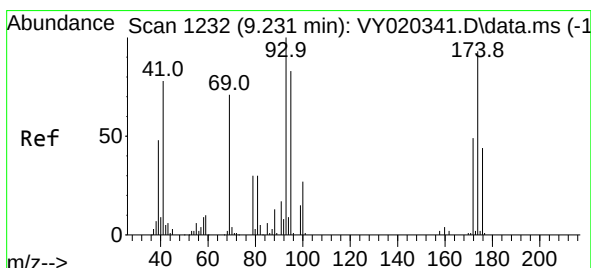
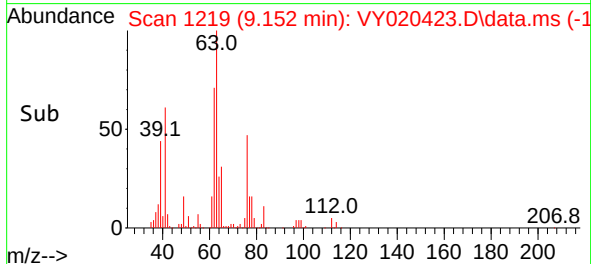
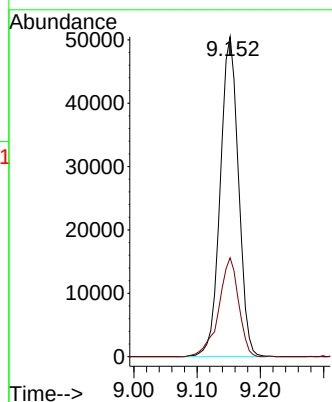
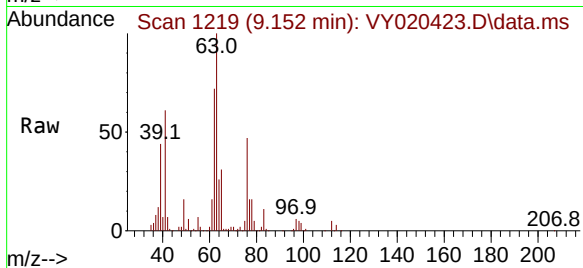
ClientSampleId :

Tgt Ion: 63 Resp: 100738

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.4



#46

Dibromomethane

Concen: 51.647 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

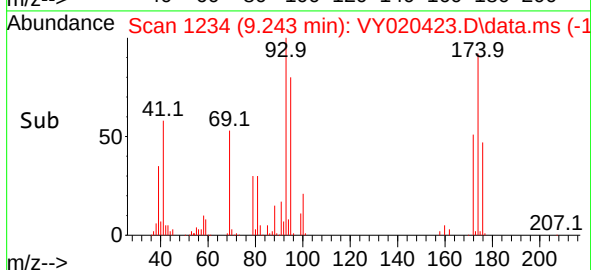
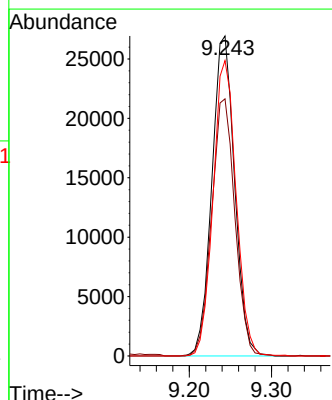
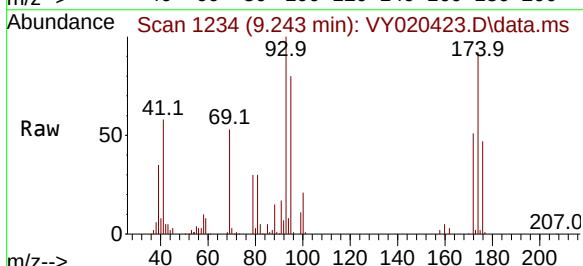
Tgt Ion: 93 Resp: 51731

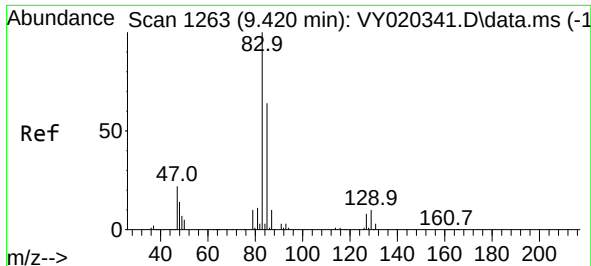
Ion Ratio Lower Upper

93 100

95 82.2 65.3 97.9

174 93.5 74.4 111.6

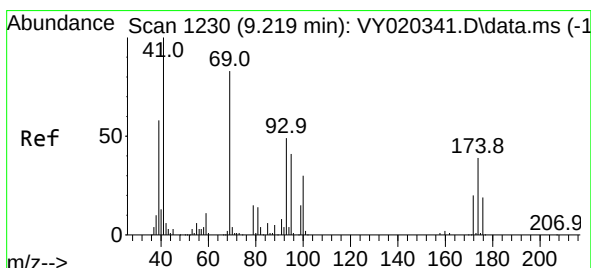
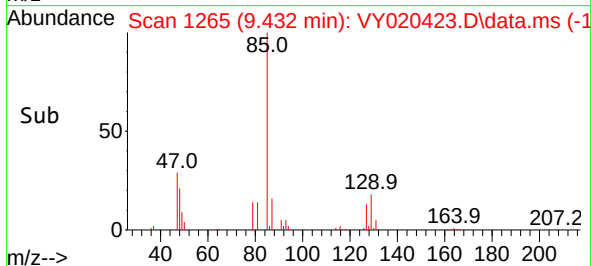
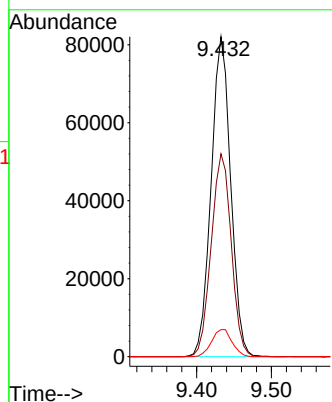
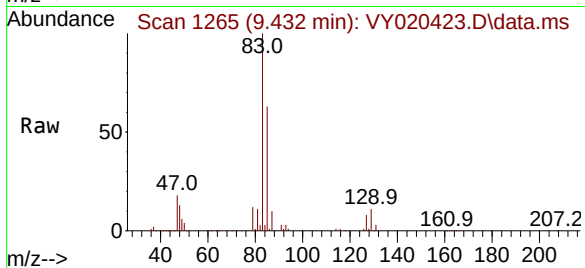




#47  
Bromodichloromethane  
Concen: 53.873 ug/l  
RT: 9.432 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

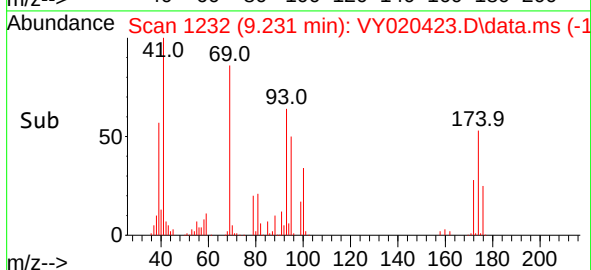
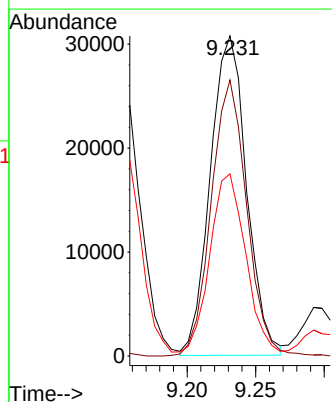
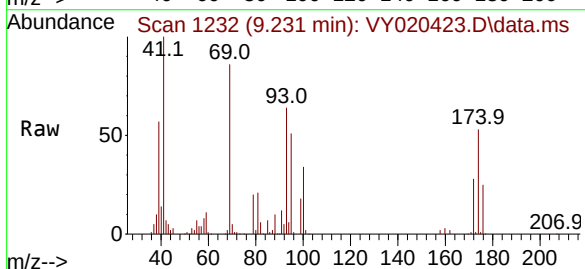
Instrument :  
MSVOA\_Y  
ClientSampleId :

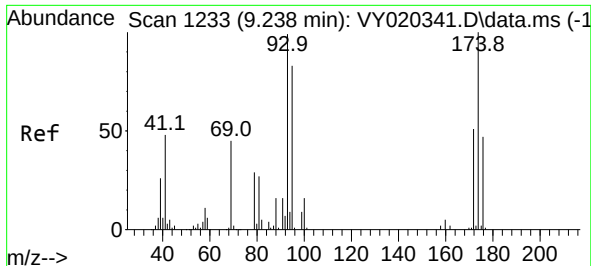
Tgt Ion: 83 Resp: 148962  
Ion Ratio Lower Upper  
83 100  
85 63.4 51.4 77.2  
127 8.4 6.3 9.5



#48  
Methyl methacrylate  
Concen: 47.563 ug/l  
RT: 9.231 min Scan# 1232  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 41 Resp: 56621  
Ion Ratio Lower Upper  
41 100  
69 84.5 66.1 99.1  
39 54.7 46.0 69.0





#49

1,4-Dioxane

Concen: 932.665 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

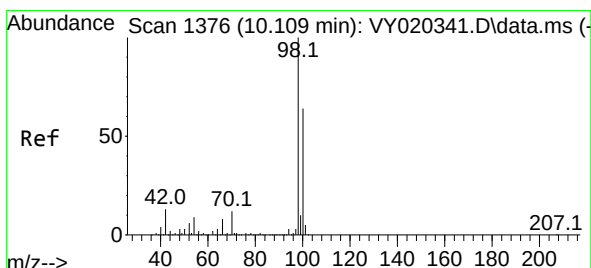
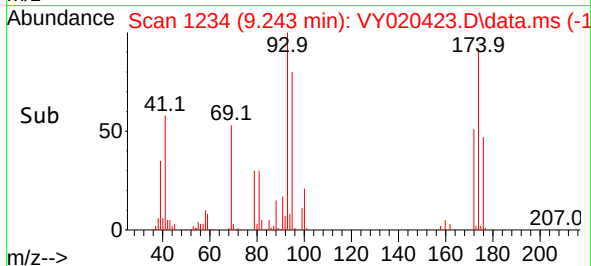
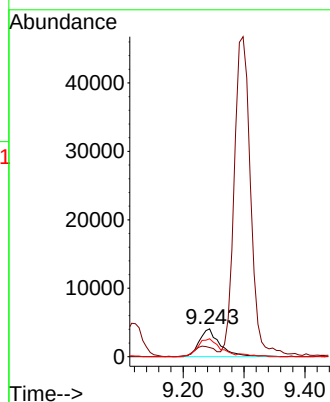
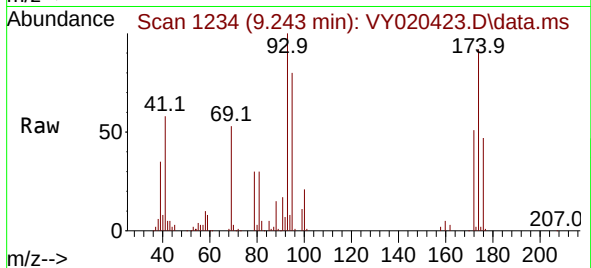
Tgt Ion: 88 Resp: 9611

Ion Ratio Lower Upper

88 100

43 38.3 24.6 37.0#

58 68.5 59.6 89.4



#50

Toluene-d8

Concen: 48.628 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020423.D

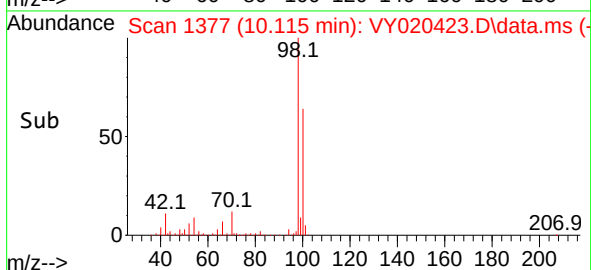
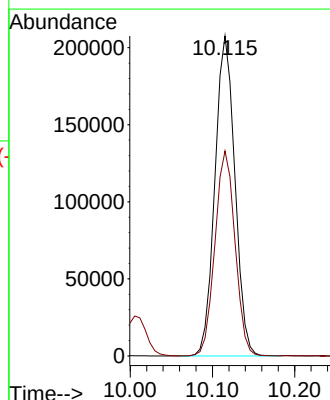
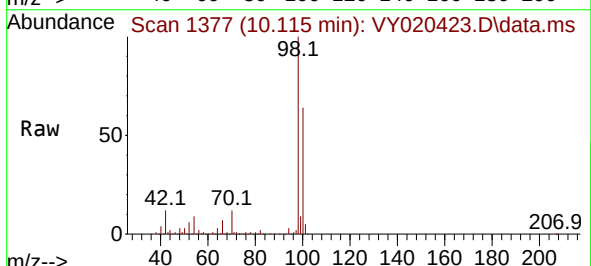
Acq: 25 Nov 2024 09:46

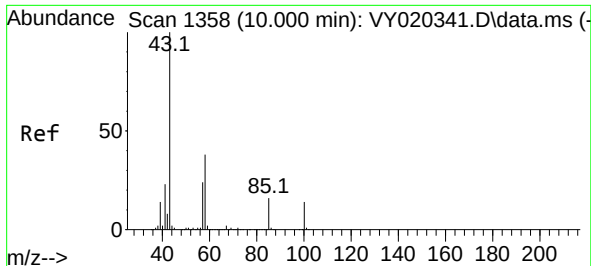
Tgt Ion: 98 Resp: 350540

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9

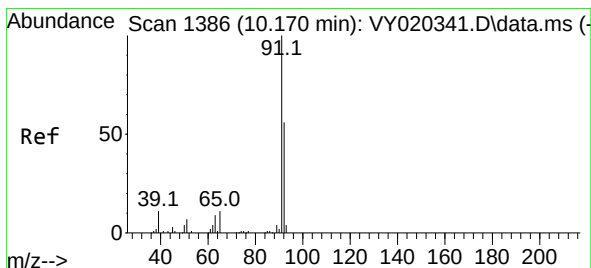
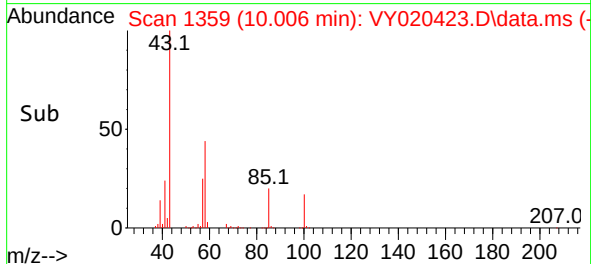
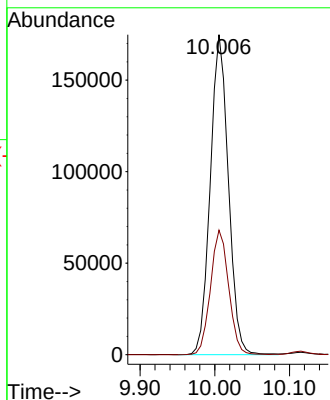
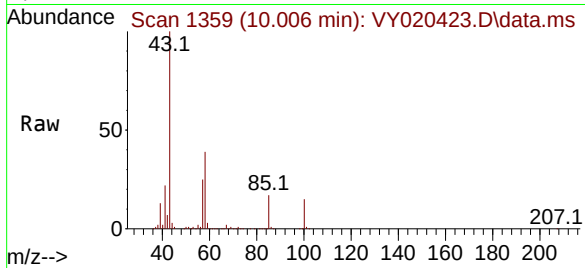




#51  
4-Methyl-2-Pentanone  
Concen: 232.411 ug/l  
RT: 10.006 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

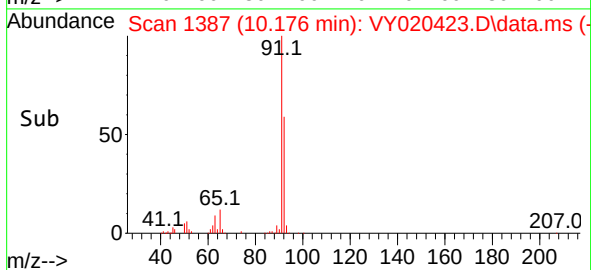
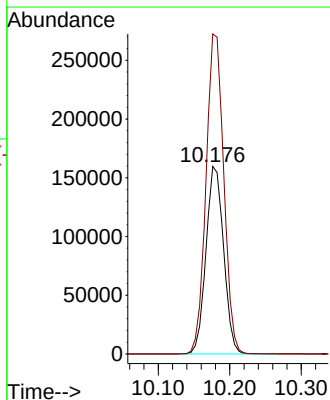
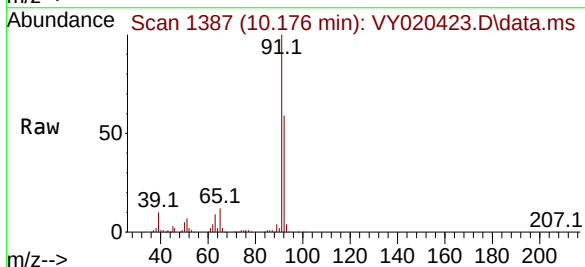
Instrument :  
MSVOA\_Y  
ClientSampleId :

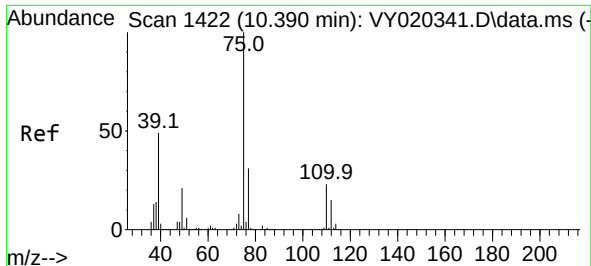
Tgt Ion: 43 Resp: 293676  
Ion Ratio Lower Upper  
43 100  
58 39.2 30.9 46.3



#52  
Toluene  
Concen: 54.628 ug/l  
RT: 10.176 min Scan# 1387  
Delta R.T. 0.006 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 92 Resp: 273489  
Ion Ratio Lower Upper  
92 100  
91 171.8 139.7 209.5

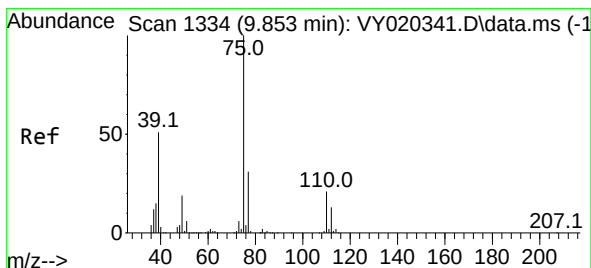
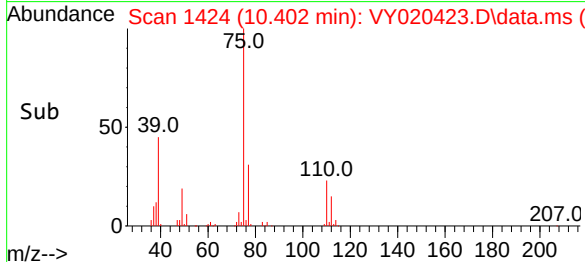
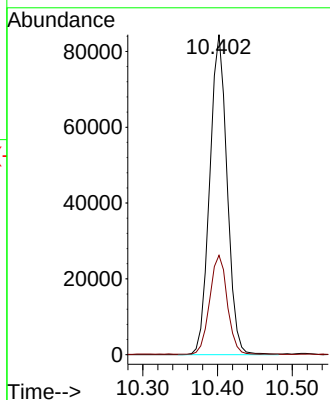
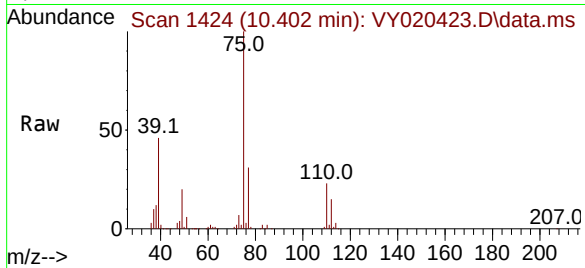




#53  
t-1,3-Dichloropropene  
Concen: 52.261 ug/l  
RT: 10.402 min Scan# 1422  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

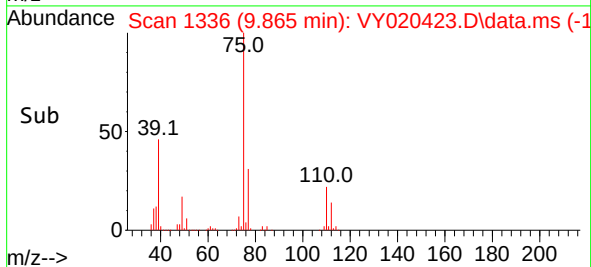
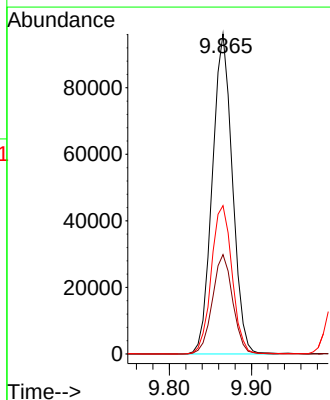
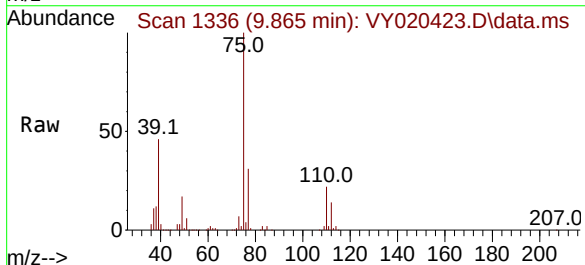
Instrument :  
MSVOA\_Y  
ClientSampleId :

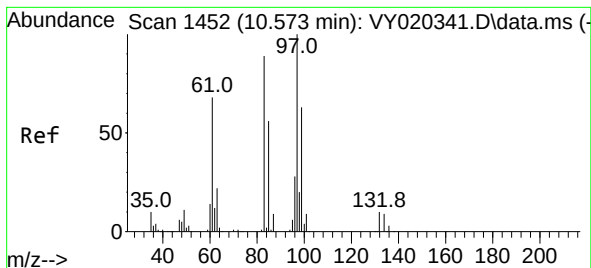
Tgt Ion: 75 Resp: 136649  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 54.544 ug/l  
RT: 9.865 min Scan# 1336  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 75 Resp: 163261  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.0 37.4  
39 46.4 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 50.552 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 67212

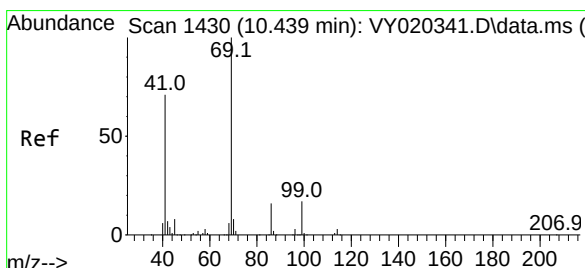
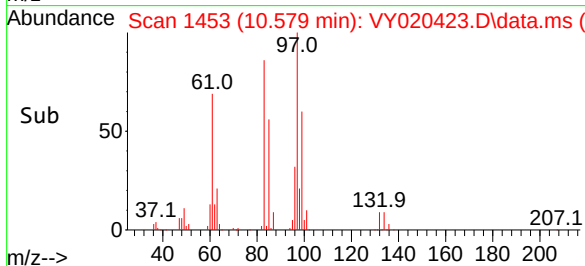
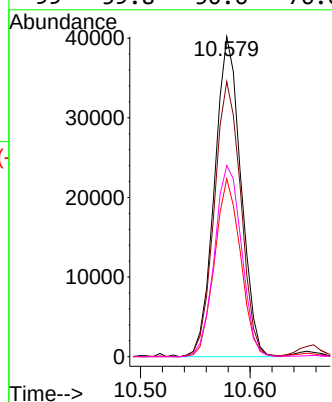
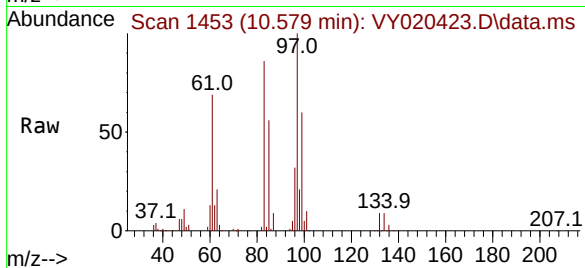
Ion Ratio Lower Upper

97 100

83 85.9 70.8 106.2

85 55.6 44.9 67.3

99 59.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 48.672 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

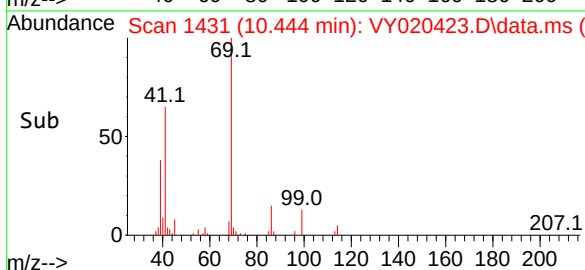
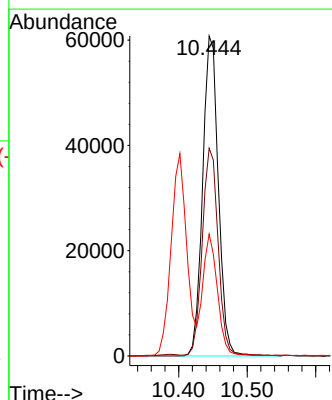
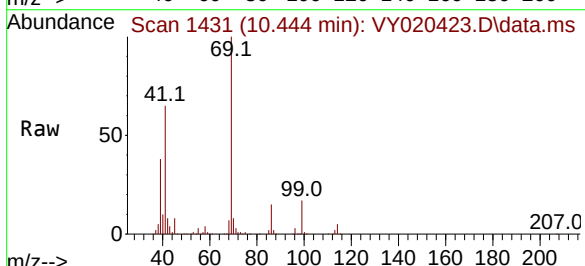
Tgt Ion: 69 Resp: 97185

Ion Ratio Lower Upper

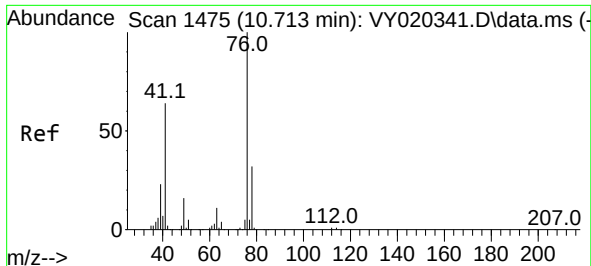
69 100

41 65.0 56.1 84.1

39 34.9 29.7 44.5







#57

1,3-Dichloropropane

Concen: 51.212 ug/l

RT: 10.725 min Scan# 1475

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

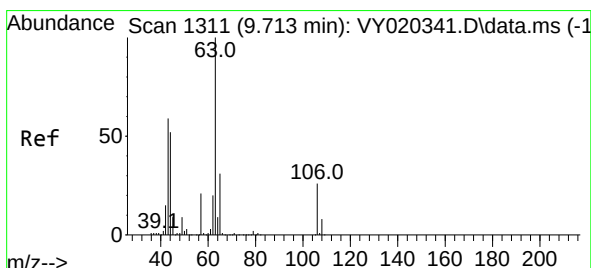
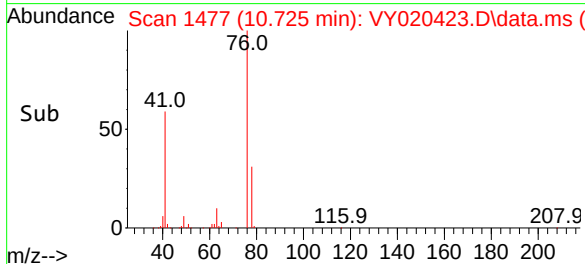
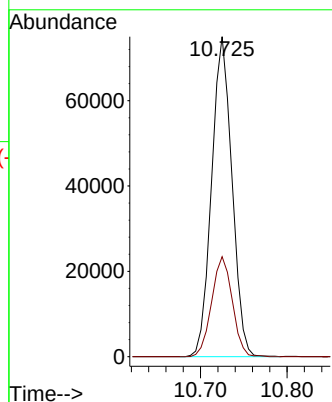
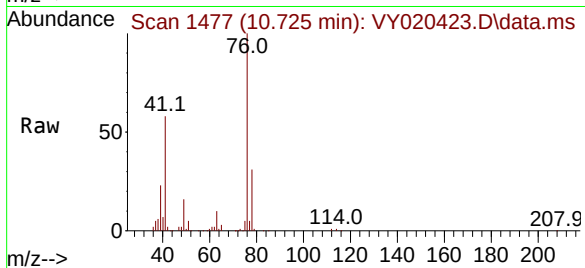
ClientSampleId :

Tgt Ion: 76 Resp: 122369

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 226.086 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020423.D

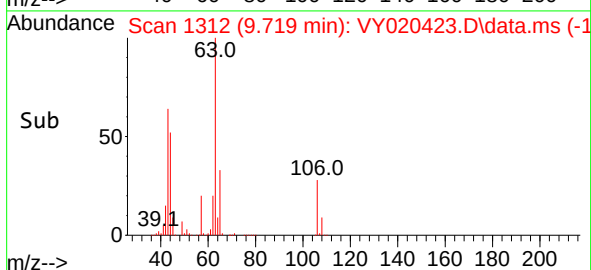
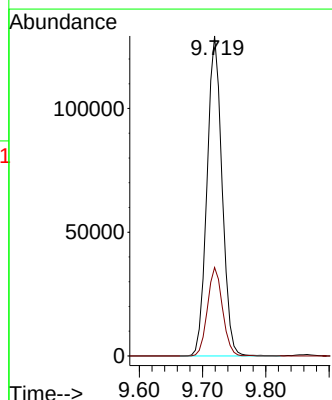
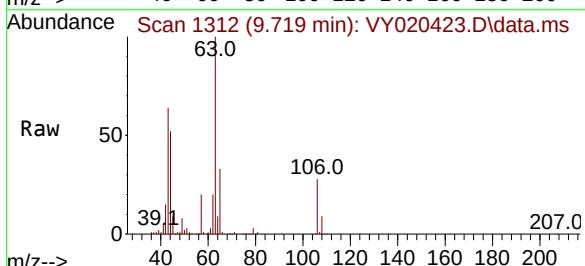
Acq: 25 Nov 2024 09:46

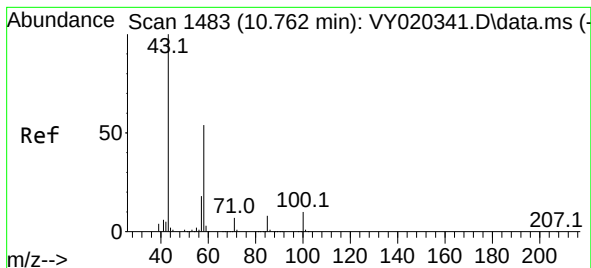
Tgt Ion: 63 Resp: 214055

Ion Ratio Lower Upper

63 100

106 27.6 21.0 31.4

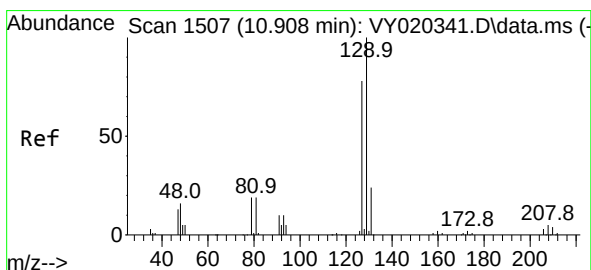
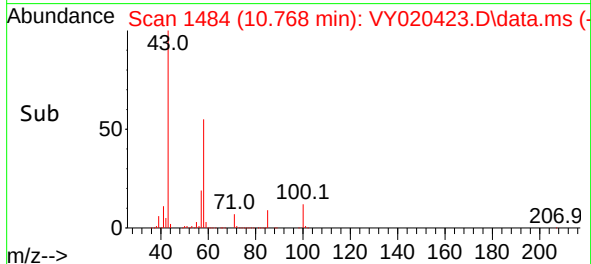
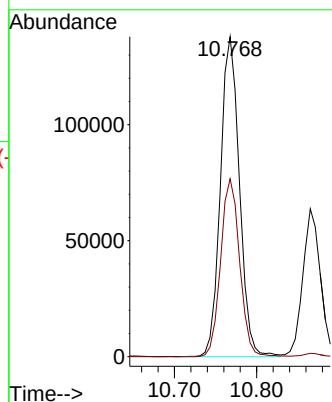
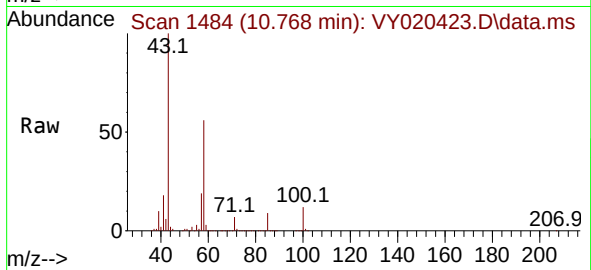




#59  
2-Hexanone  
Concen: 247.696 ug/l  
RT: 10.768 min Scan# 1484  
Delta R.T. 0.006 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

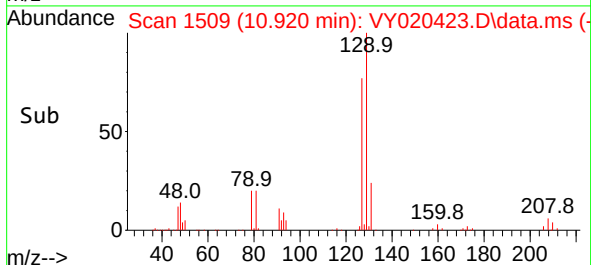
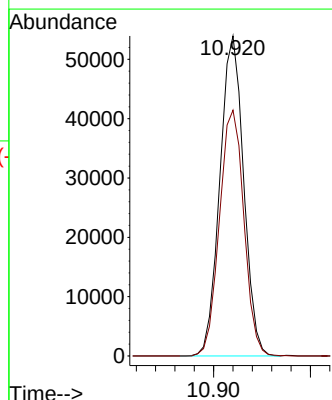
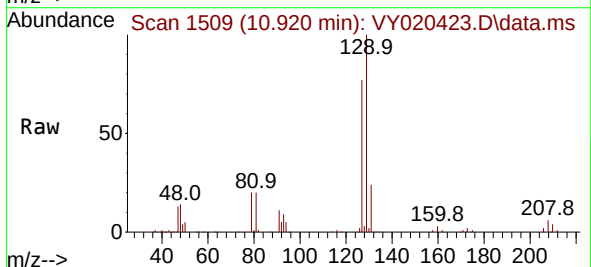
Instrument :  
MSVOA\_Y  
ClientSampleId :

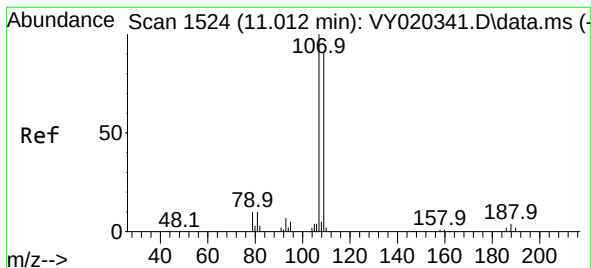
Tgt Ion: 43 Resp: 221629  
Ion Ratio Lower Upper  
43 100  
58 55.5 26.4 79.2



#60  
Dibromochloromethane  
Concen: 53.609 ug/l  
RT: 10.920 min Scan# 1509  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 129 Resp: 91872  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 48.823 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

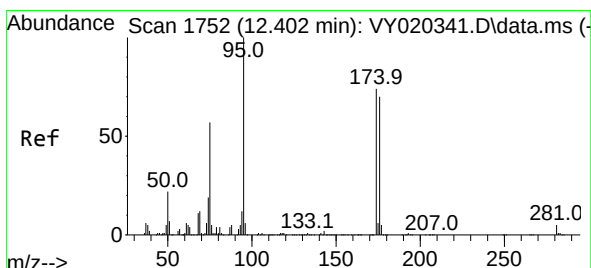
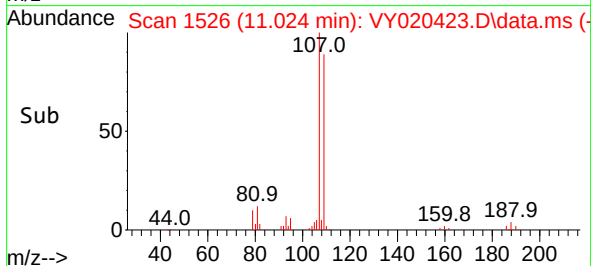
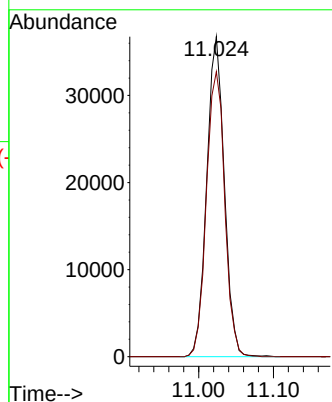
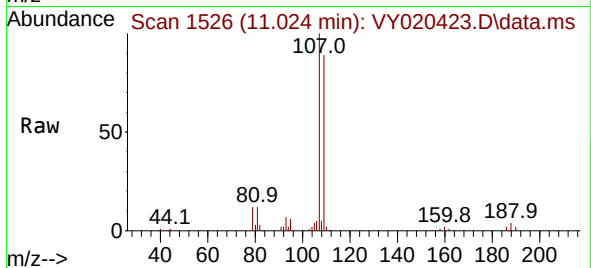
ClientSampleId :

Tgt Ion:107 Resp: 60152

Ion Ratio Lower Upper

107 100

109 92.8 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.330 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

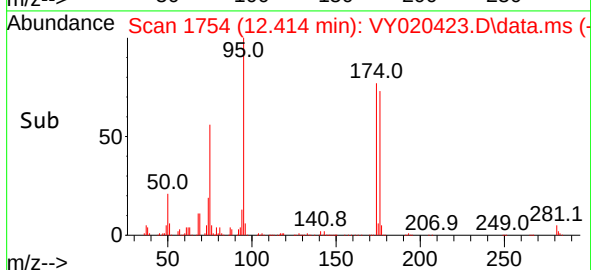
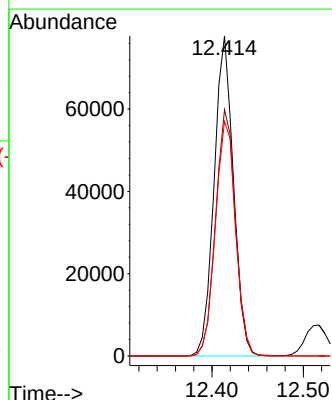
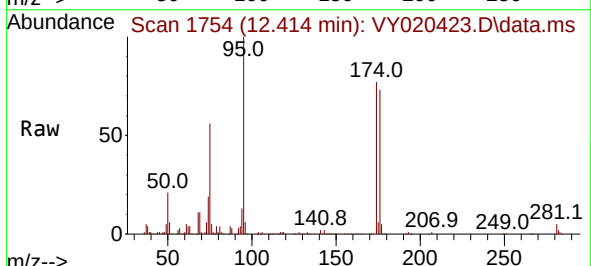
Tgt Ion: 95 Resp: 114313

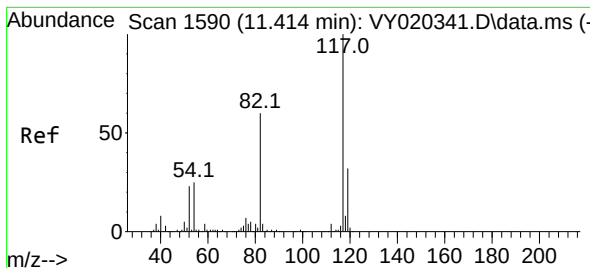
Ion Ratio Lower Upper

95 100

174 79.0 0.0 156.8

176 76.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

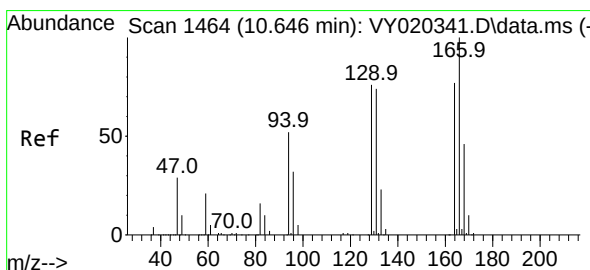
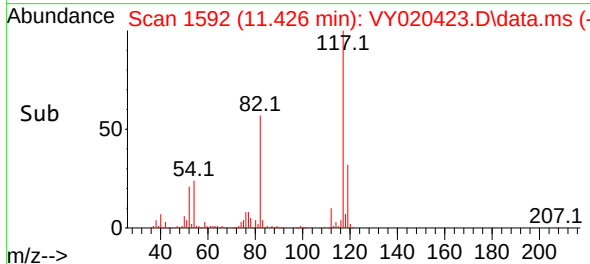
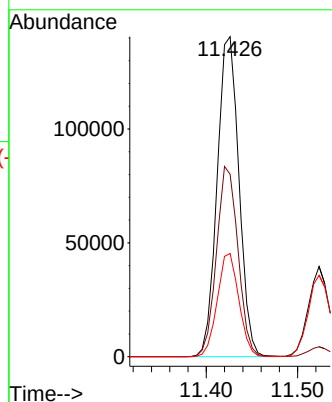
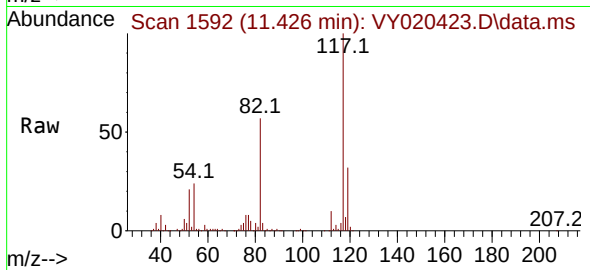
Tgt Ion:117 Resp: 233134

Ion Ratio Lower Upper

117 100

82 57.0 48.2 72.4

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 54.827 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Tgt Ion:164 Resp: 92139

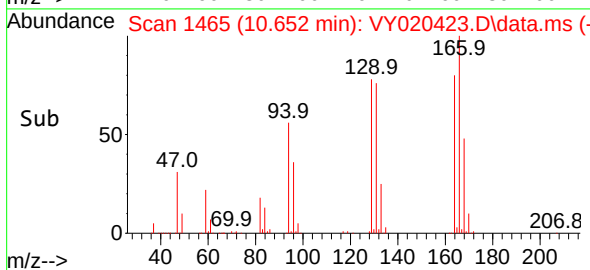
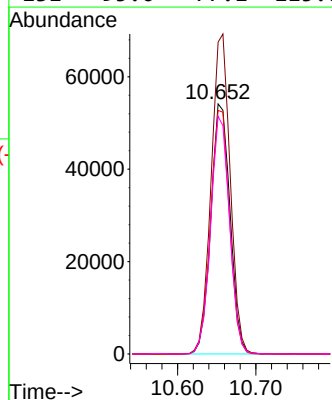
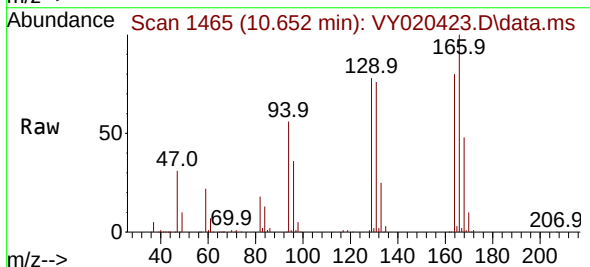
Ion Ratio Lower Upper

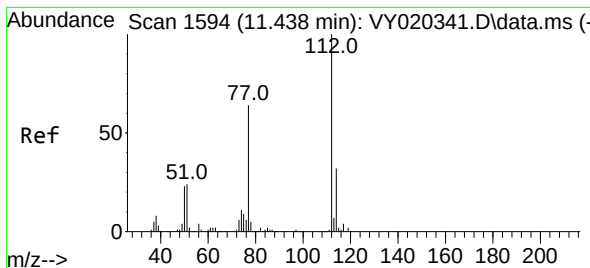
164 100

166 124.7 103.8 155.8

129 97.4 79.0 118.4

131 95.0 77.1 115.7





#65

Chlorobenzene

Concen: 53.781 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

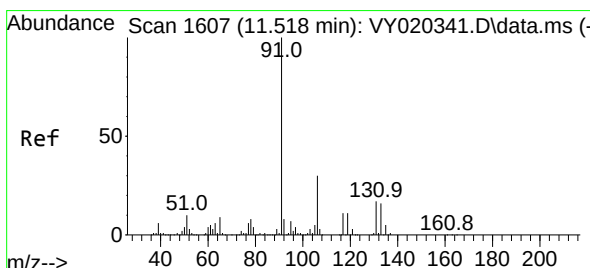
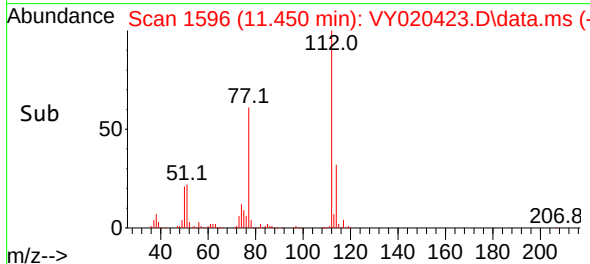
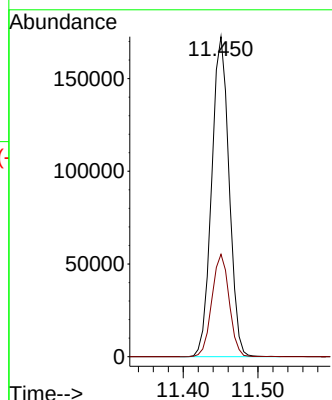
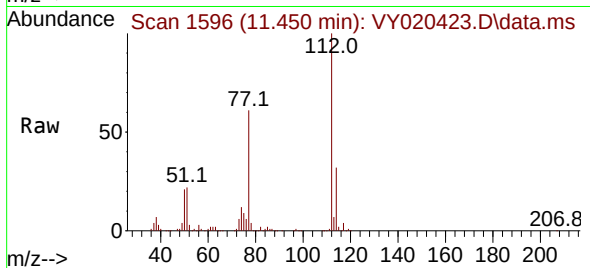
ClientSampleId :

Tgt Ion:112 Resp: 279558

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 56.618 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

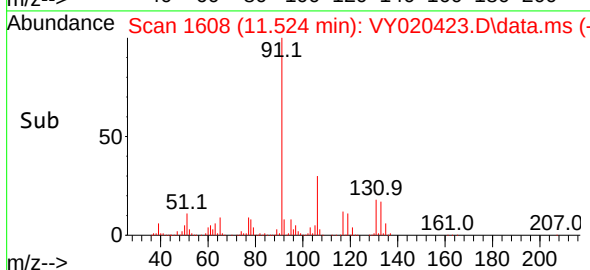
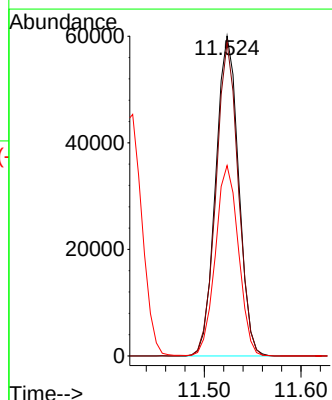
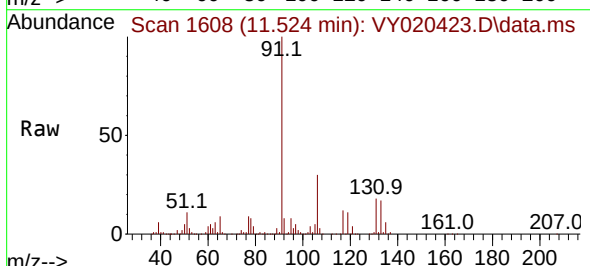
Tgt Ion:131 Resp: 98316

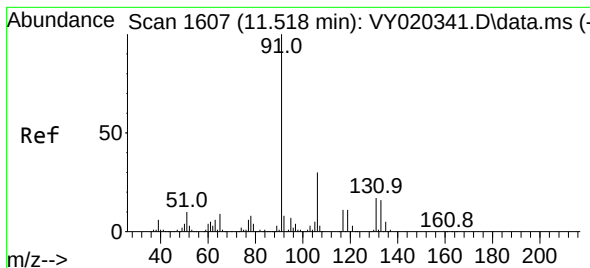
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

119 60.1 32.5 97.5





#67

Ethyl Benzene

Concen: 55.057 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

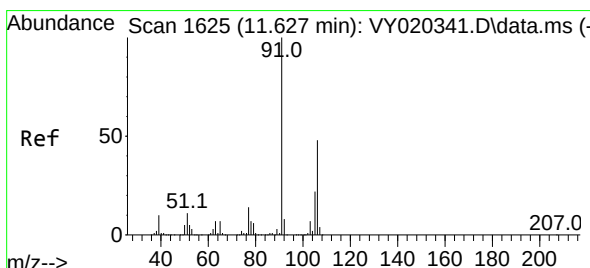
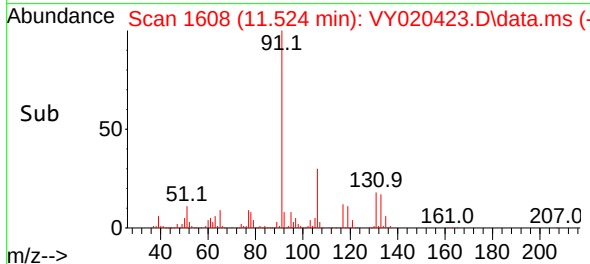
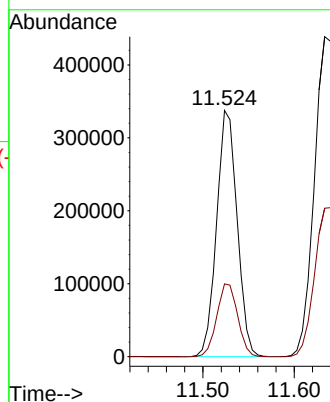
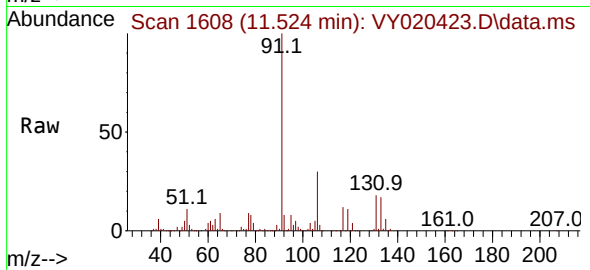
ClientSampleId :

Tgt Ion: 91 Resp: 527987

Ion Ratio Lower Upper

91 100

106 29.5 23.9 35.9



#68

m/p-Xylenes

Concen: 112.047 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.012 min

Lab File: VY020423.D

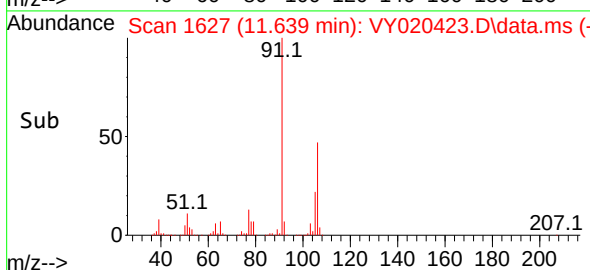
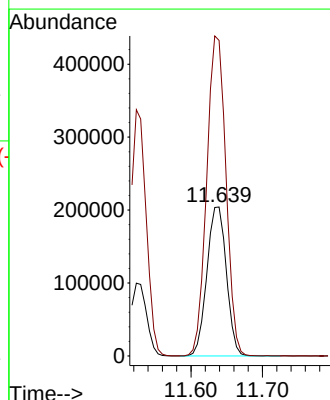
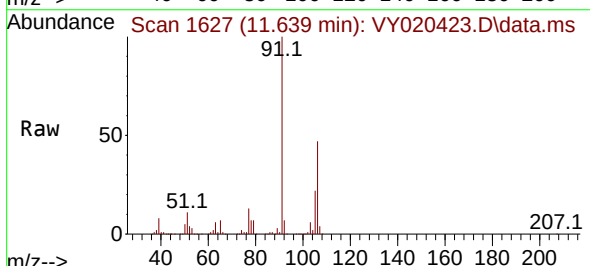
Acq: 25 Nov 2024 09:46

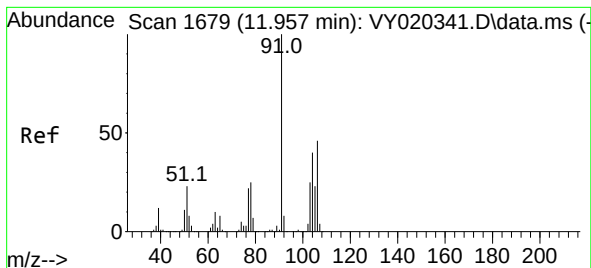
Tgt Ion:106 Resp: 387037

Ion Ratio Lower Upper

106 100

91 211.8 166.0 249.0





#69

o-Xylene

Concen: 55.449 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

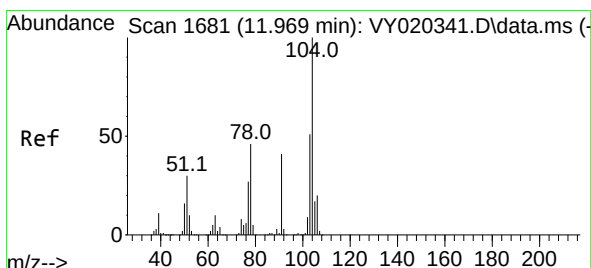
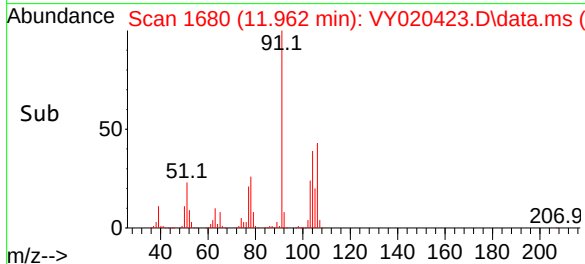
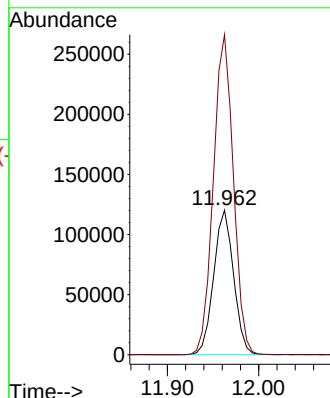
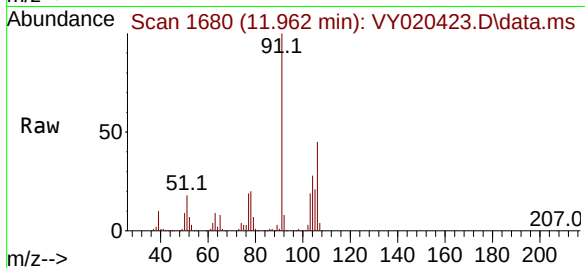
ClientSampleId :

Tgt Ion:106 Resp: 181667

Ion Ratio Lower Upper

106 100

91 223.1 110.0 330.0



#70

Styrene

Concen: 56.058 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

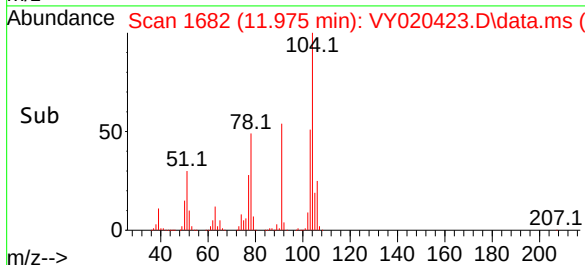
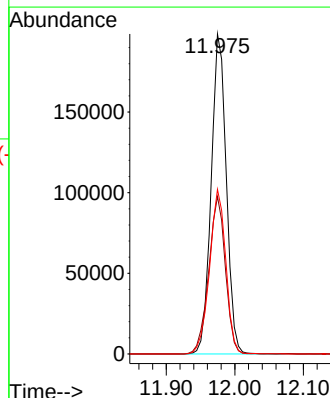
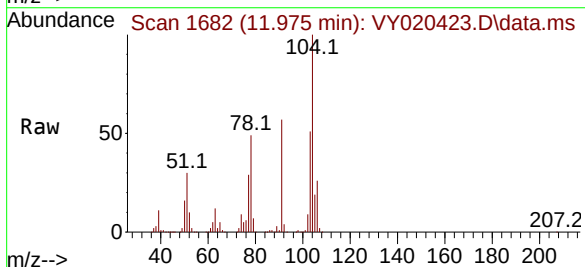
Tgt Ion:104 Resp: 305145

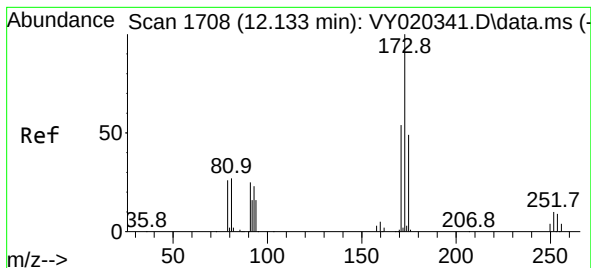
Ion Ratio Lower Upper

104 100

78 54.2 41.4 62.2

103 55.2 44.2 66.4





#71

Bromoform

Concen: 56.796 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

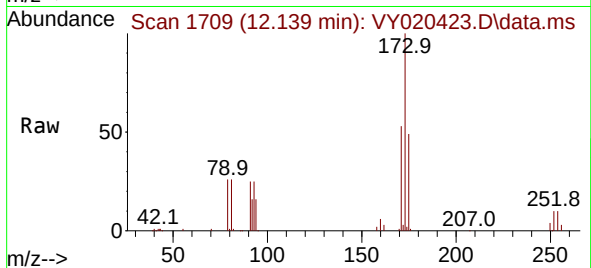
Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

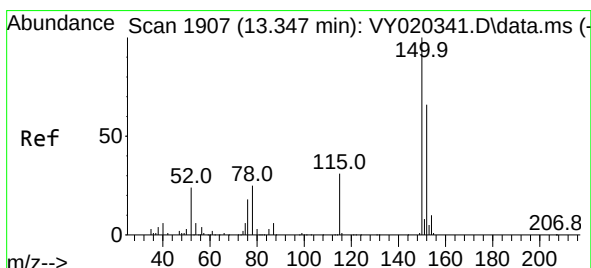
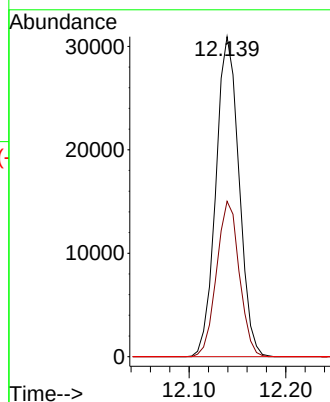
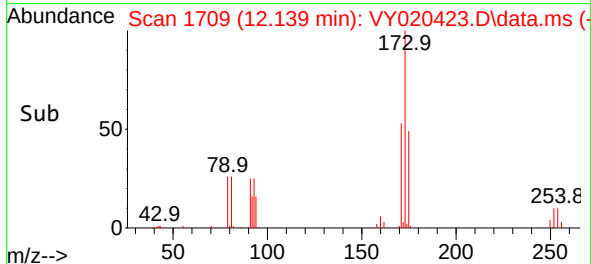
Instrument :

MSVOA\_Y

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 51400 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.7  | 24.3  | 73.0  |
| 254       | 0.0   | 0.1   | 0.1#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

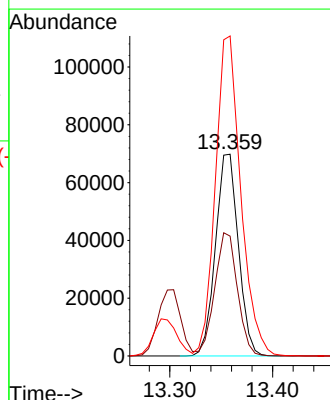
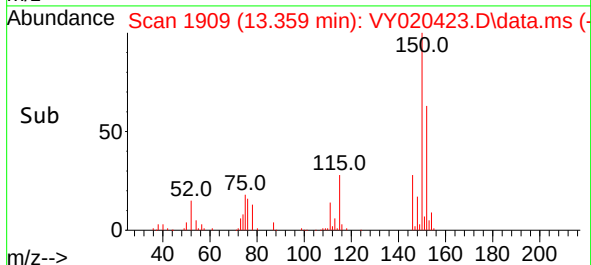
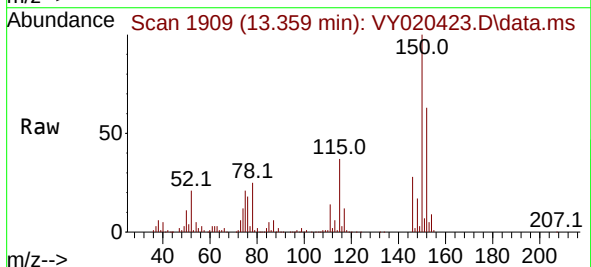
RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

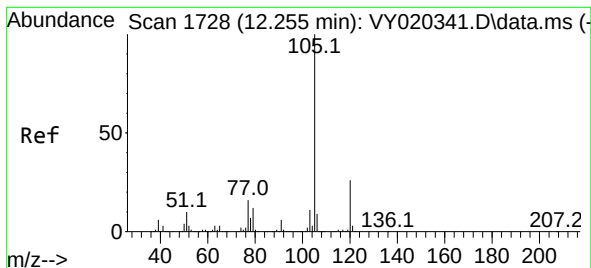
Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 107880 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 60.9  | 30.0  | 90.0   |
| 150       | 176.1 | 0.0   | 348.2  |







#73

Isopropylbenzene

Concen: 54.646 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

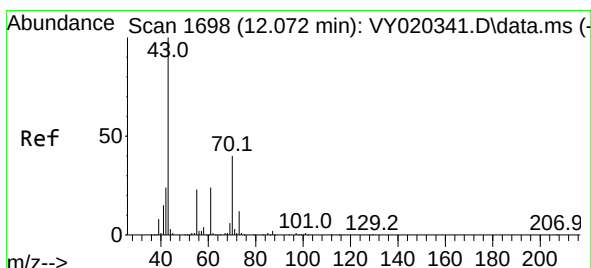
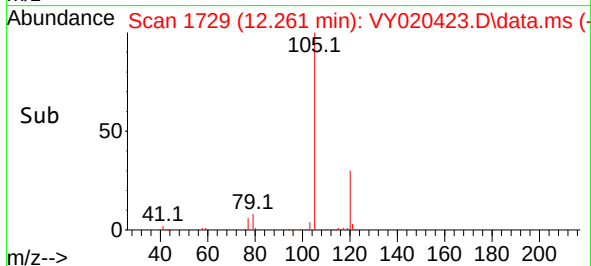
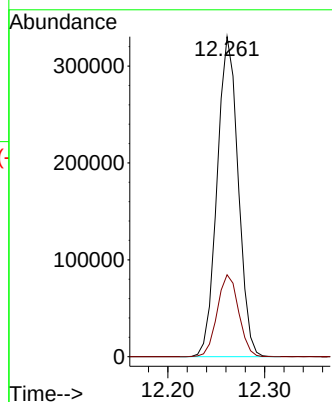
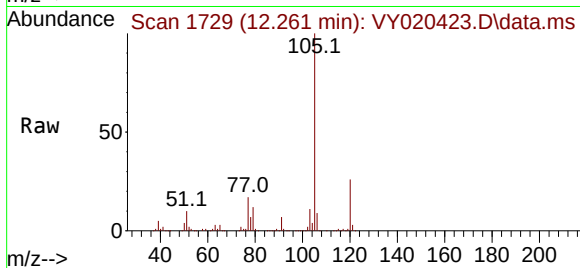
ClientSampleId :

Tgt Ion:105 Resp: 499390

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.1



#74

N-ethyl acetate

Concen: 46.184 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Tgt Ion: 43 Resp: 101996

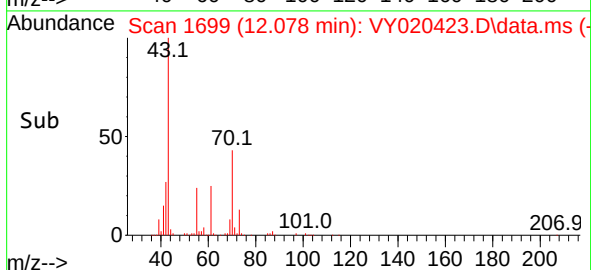
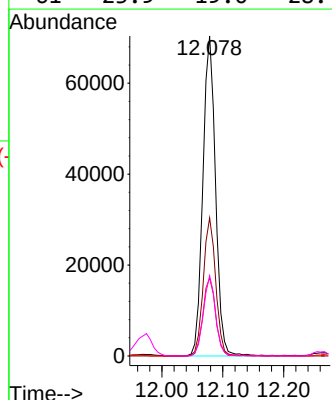
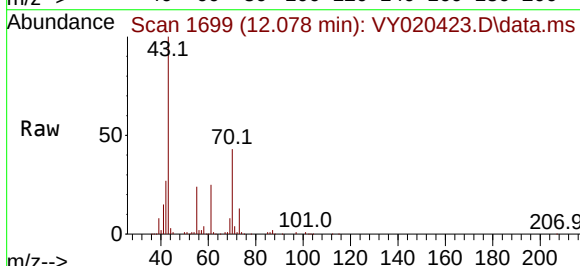
Ion Ratio Lower Upper

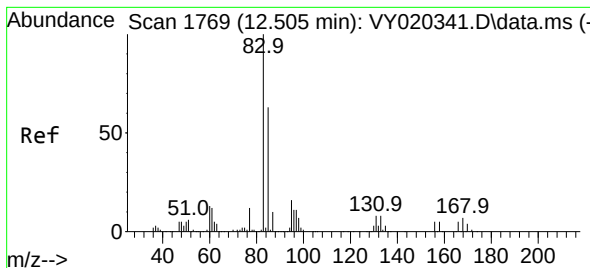
43 100

70 42.2 32.9 49.3

55 24.6 19.3 28.9

61 23.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.492 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

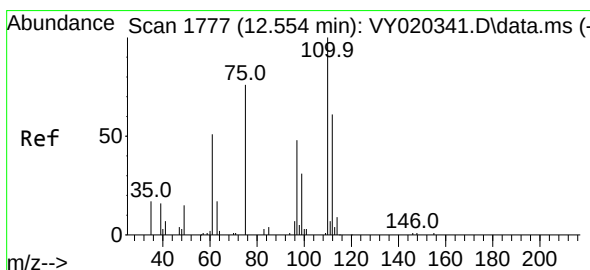
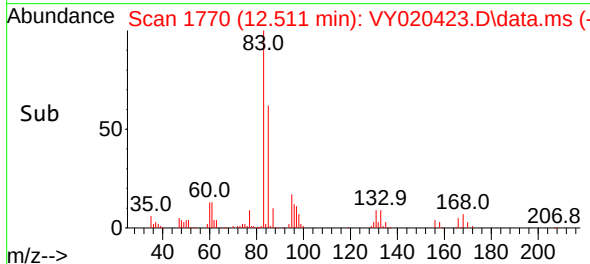
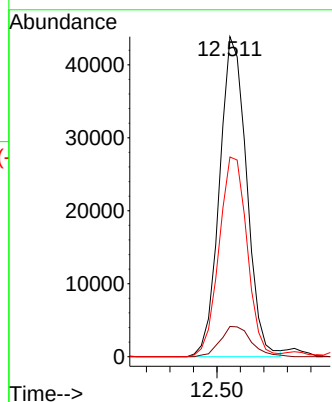
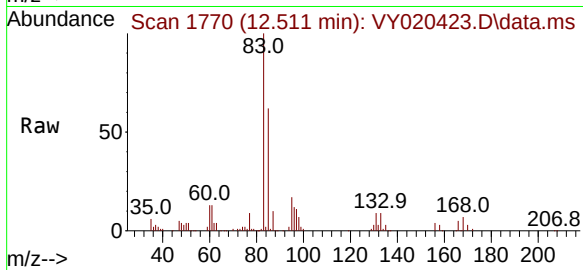
Tgt Ion: 83 Resp: 70145

Ion Ratio Lower Upper

83 100

131 10.8 4.8 14.4

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 97.659 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.012 min

Lab File: VY020423.D

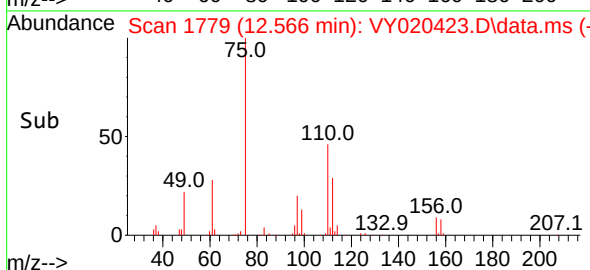
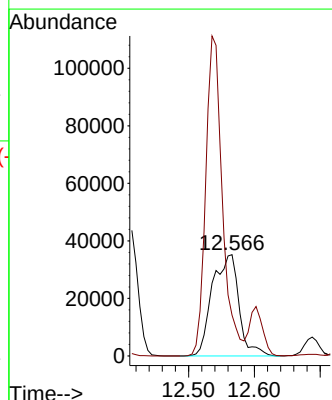
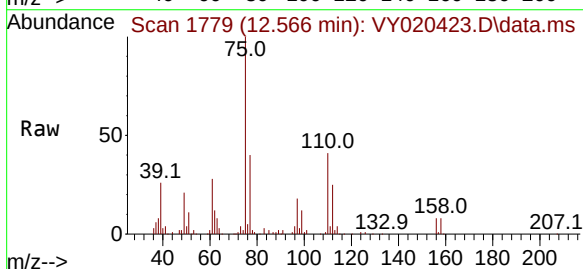
Acq: 25 Nov 2024 09:46

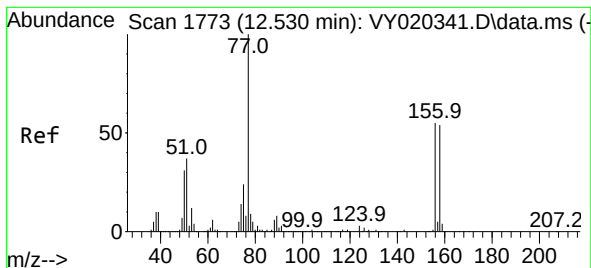
Tgt Ion: 75 Resp: 99300

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.909 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

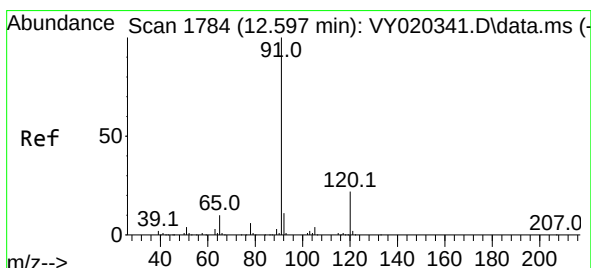
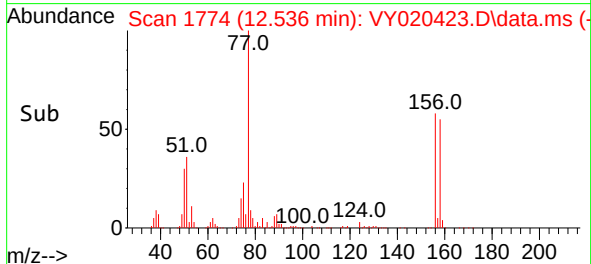
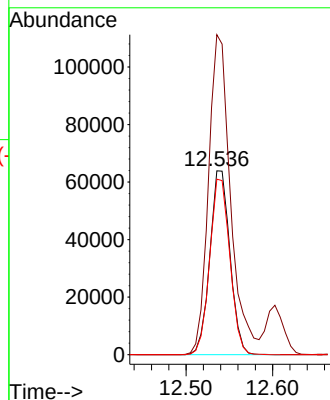
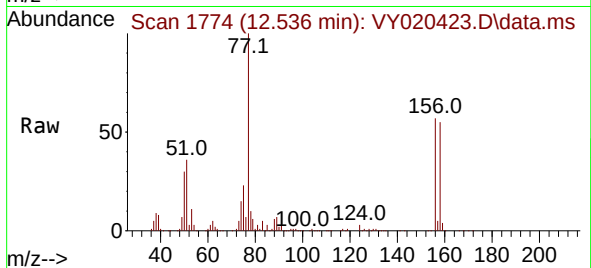
Tgt Ion:156 Resp: 103217

Ion Ratio Lower Upper

156 100

77 191.0 97.2 291.6

158 95.6 47.8 143.4



#78

n-propylbenzene

Concen: 53.848 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020423.D

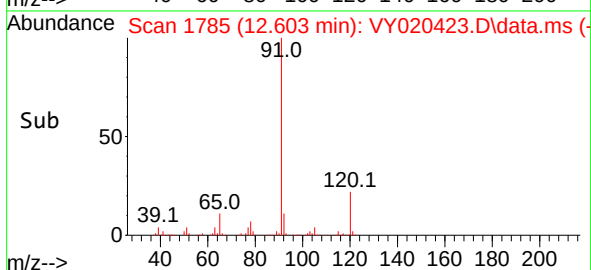
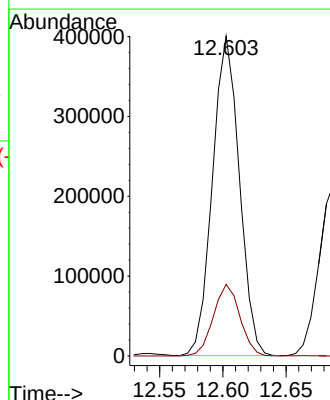
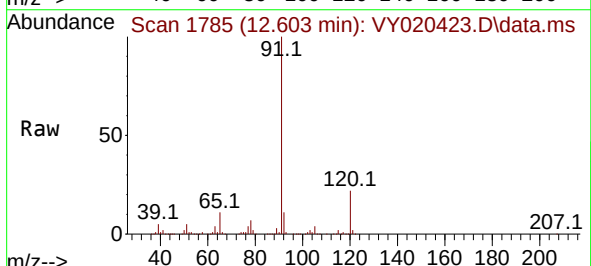
Acq: 25 Nov 2024 09:46

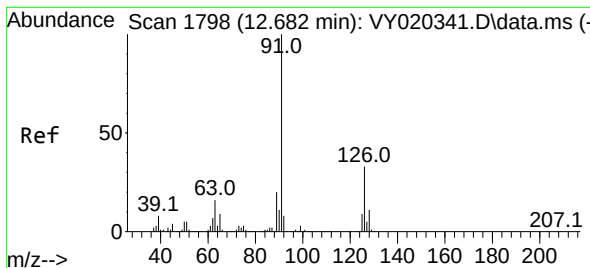
Tgt Ion: 91 Resp: 590576

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.6





#79

2-Chlorotoluene

Concen: 52.916 ug/l

RT: 12.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

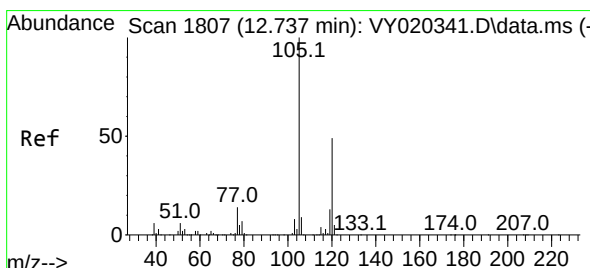
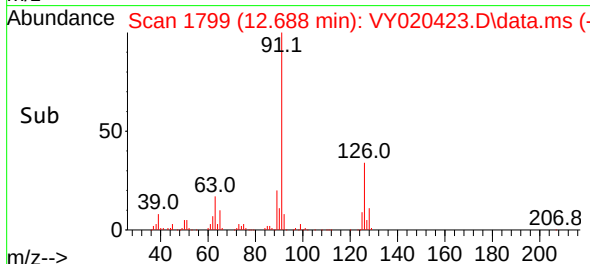
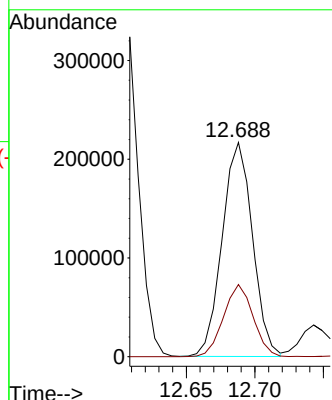
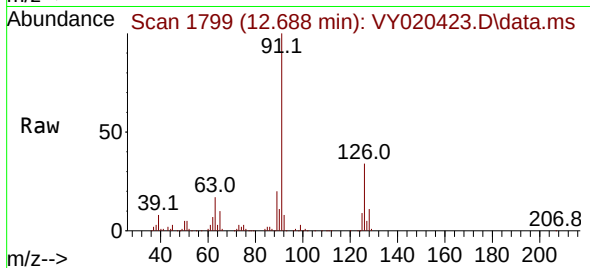
ClientSampleId :

Tgt Ion: 91 Resp: 333692

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 54.674 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020423.D

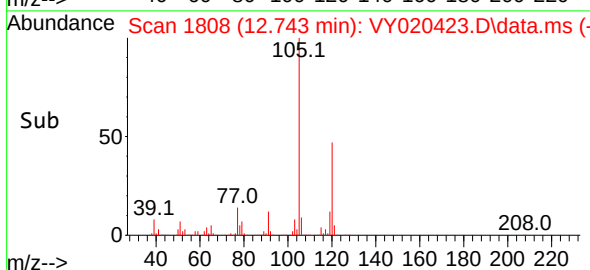
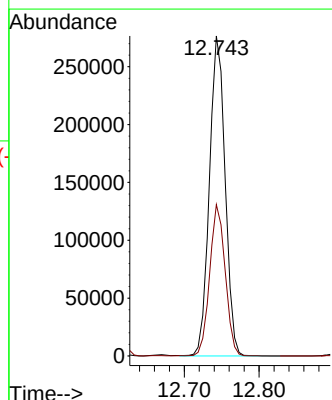
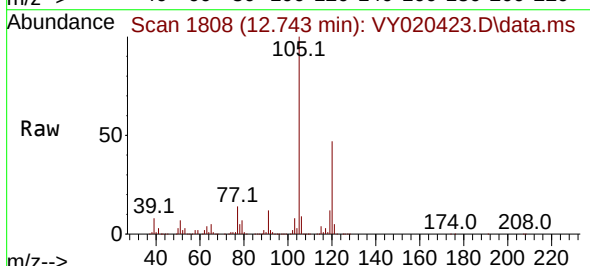
Acq: 25 Nov 2024 09:46

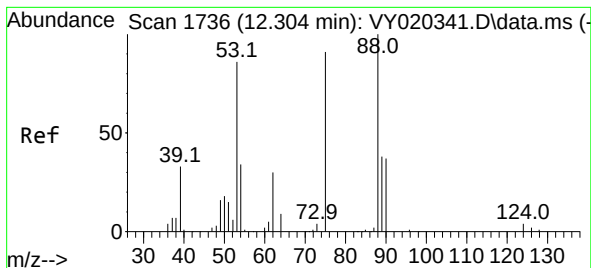
Tgt Ion:105 Resp: 403807

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.8

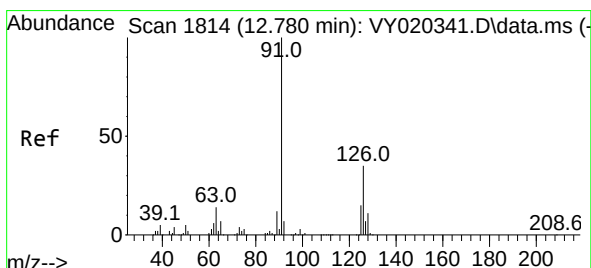
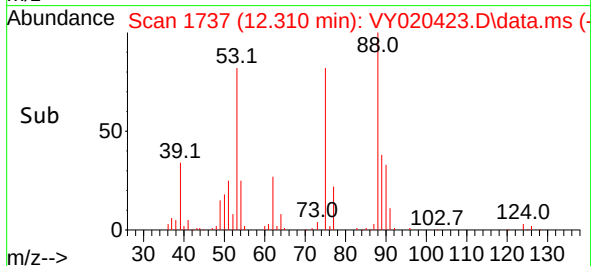
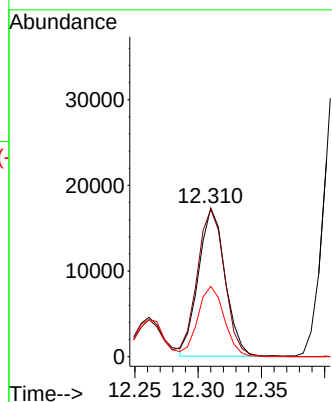
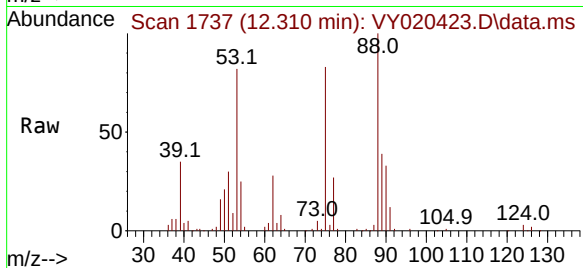




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.851 ug/l  
RT: 12.310 min Scan# 1737  
Delta R.T. 0.006 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

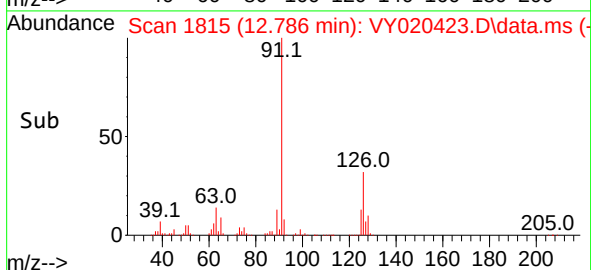
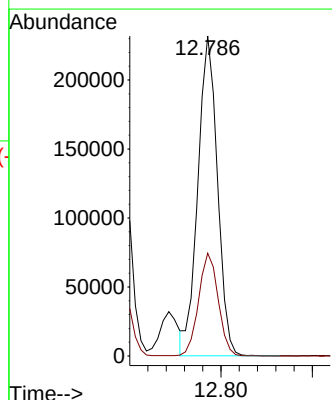
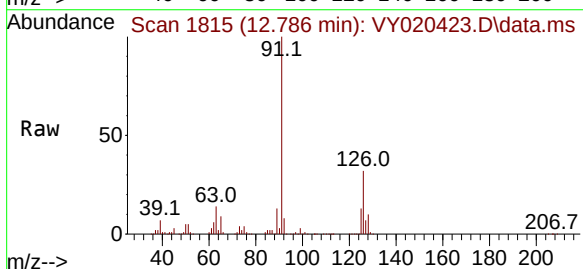
Instrument :  
MSVOA\_Y  
ClientSampleId :

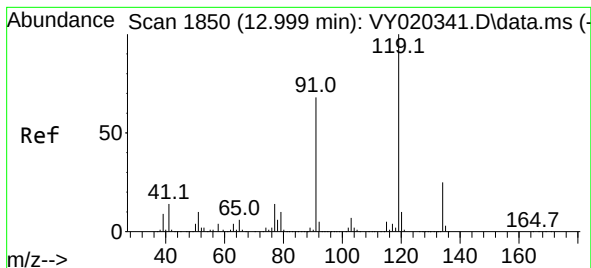
Tgt Ion: 75 Resp: 25350  
Ion Ratio Lower Upper  
75 100  
53 103.6 81.1 121.7  
89 47.0 35.1 52.7



#82  
4-Chlorotoluene  
Concen: 52.829 ug/l  
RT: 12.786 min Scan# 1815  
Delta R.T. 0.006 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion: 91 Resp: 343818  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.6 49.8





#83

tert-Butylbenzene

Concen: 55.248 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

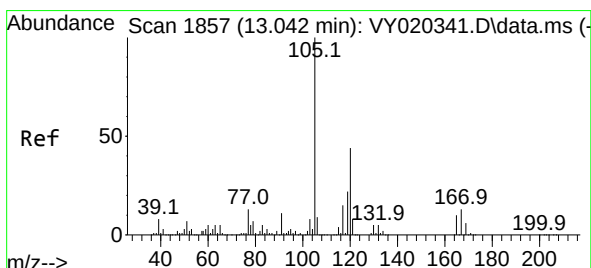
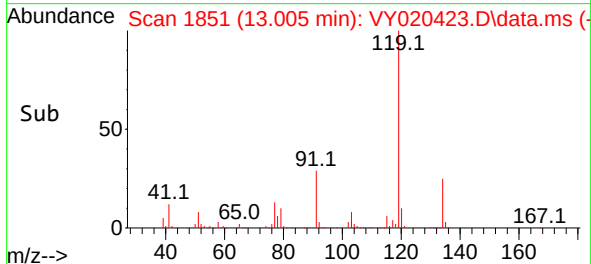
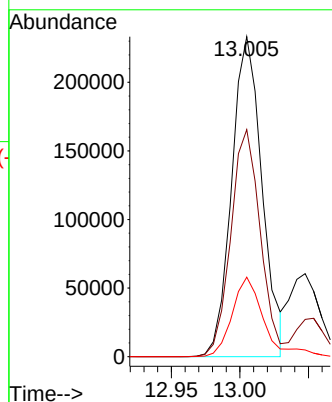
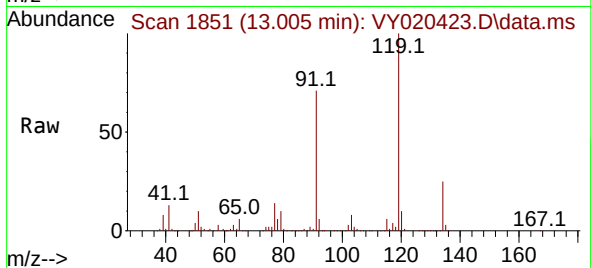
Tgt Ion:119 Resp: 360086

Ion Ratio Lower Upper

119 100

91 68.7 33.3 99.9

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.592 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.012 min

Lab File: VY020423.D

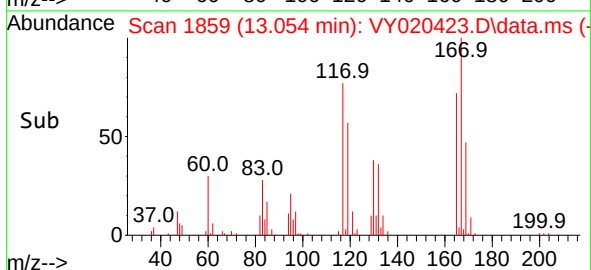
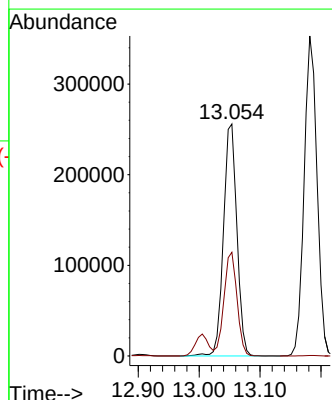
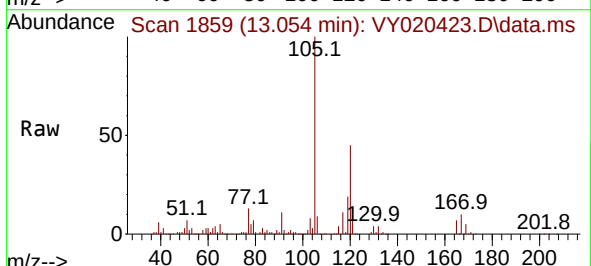
Acq: 25 Nov 2024 09:46

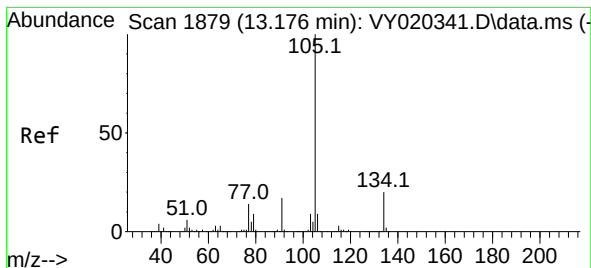
Tgt Ion:105 Resp: 392415

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.357 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

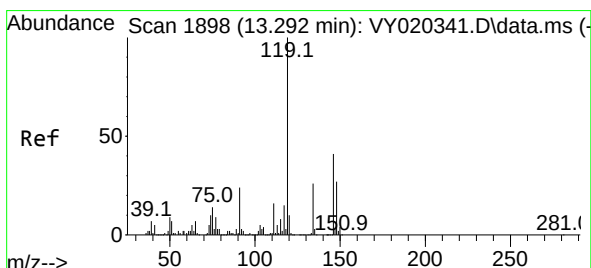
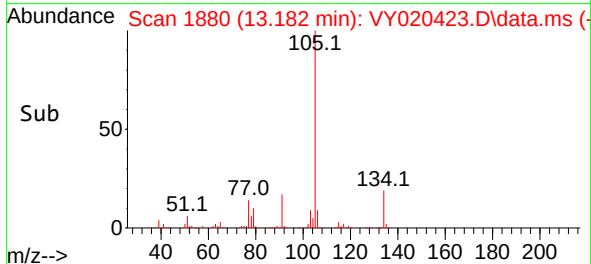
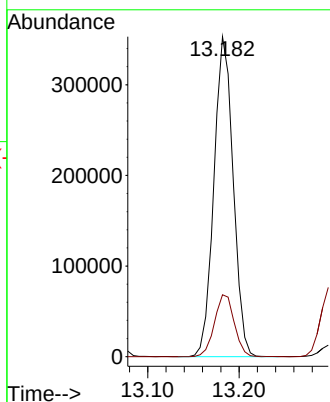
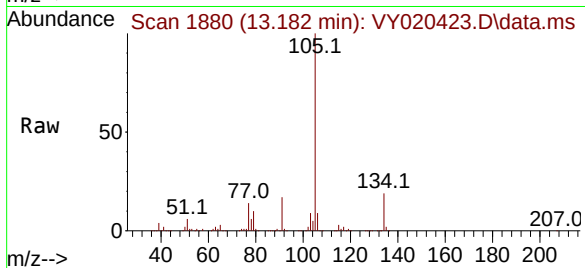
ClientSampleId :

Tgt Ion:105 Resp: 517423

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 54.696 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

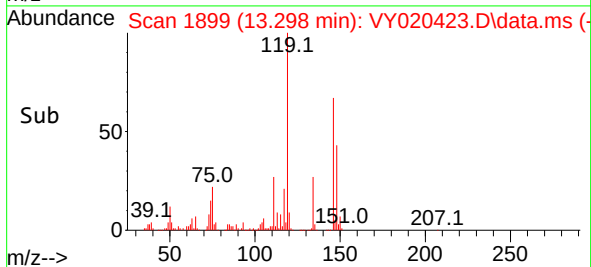
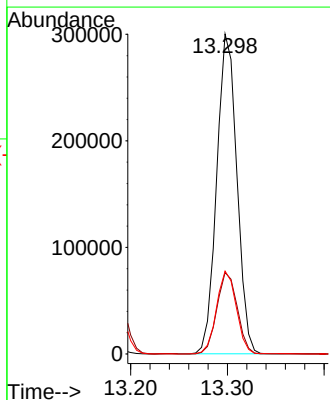
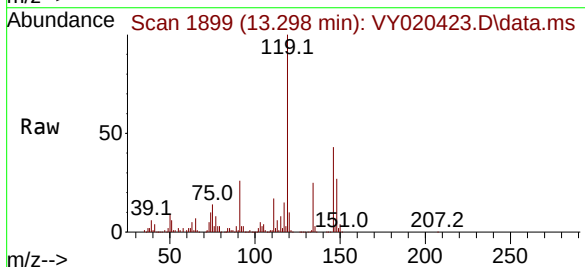
Tgt Ion:119 Resp: 434534

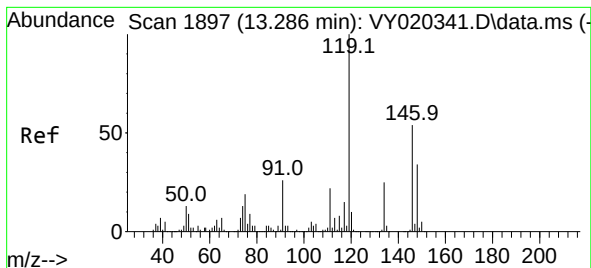
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 25.4 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.746 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

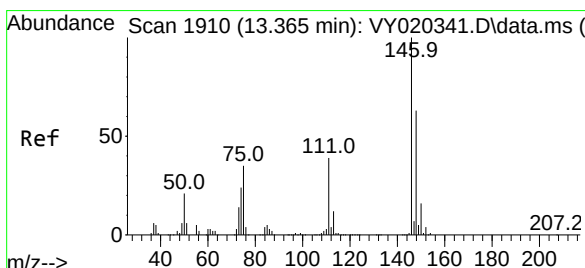
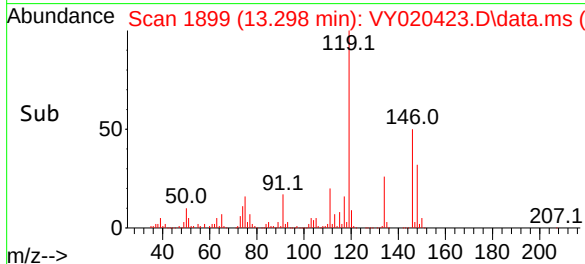
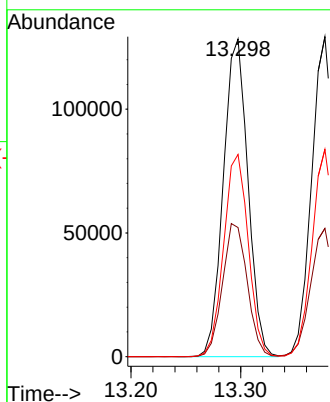
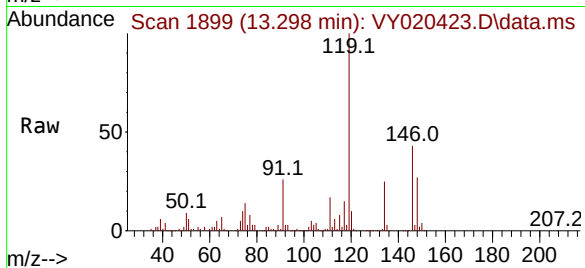
Tgt Ion:146 Resp: 200328

Ion Ratio Lower Upper

146 100

111 42.3 20.5 61.6

148 63.6 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 52.843 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

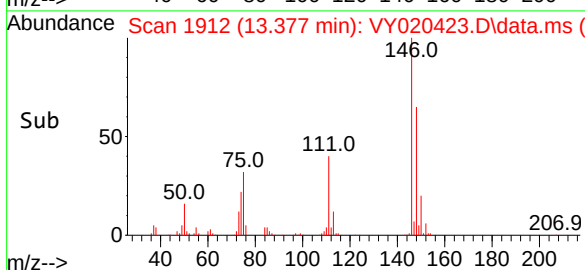
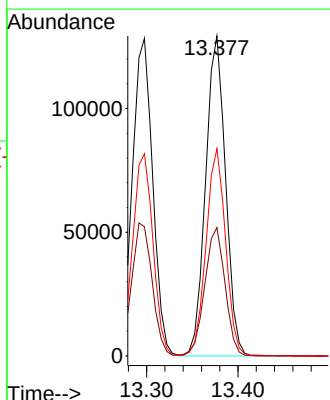
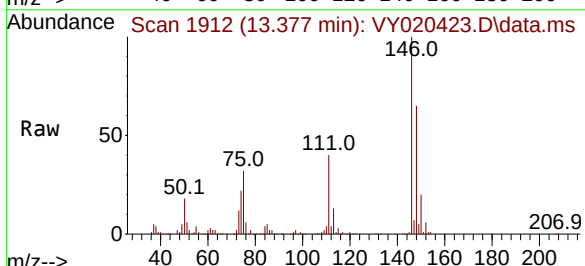
Tgt Ion:146 Resp: 195463

Ion Ratio Lower Upper

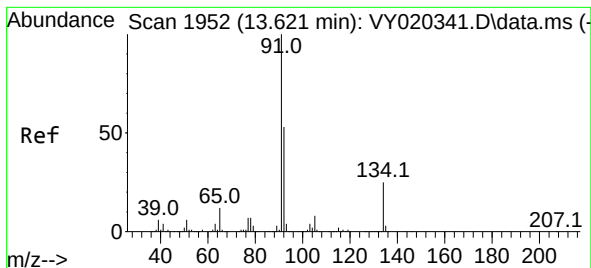
146 100

111 41.1 19.9 59.6

148 63.6 32.0 96.2







#89

n-Butylbenzene

Concen: 53.431 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

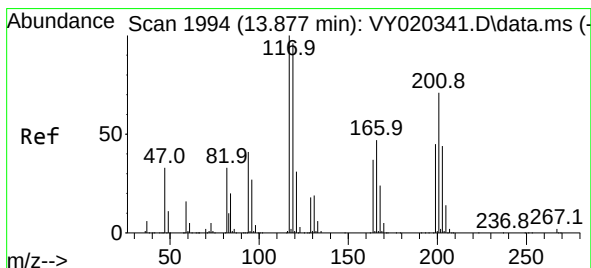
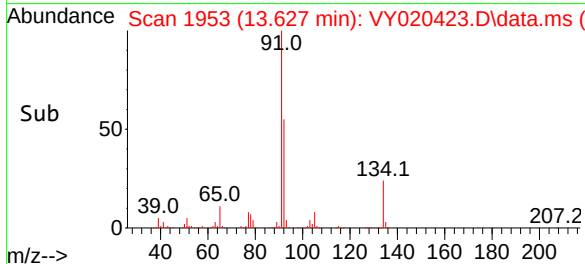
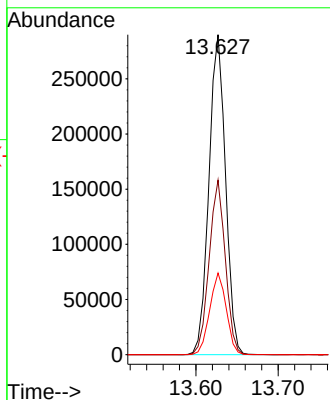
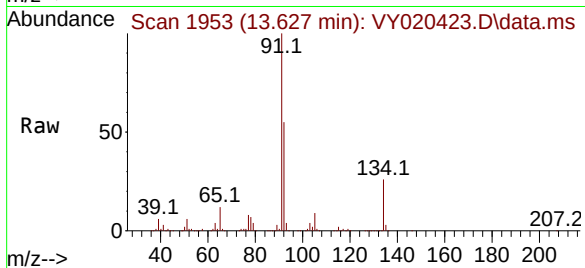
Tgt Ion: 91 Resp: 406503

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 25.4 12.2 36.4



#90

Hexachloroethane

Concen: 53.966 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.012 min

Lab File: VY020423.D

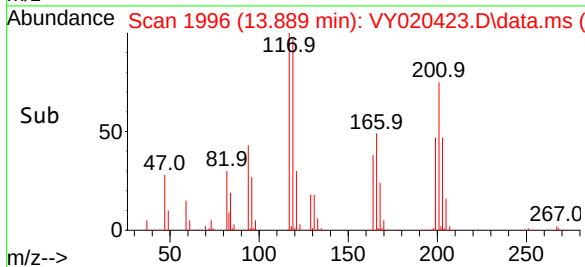
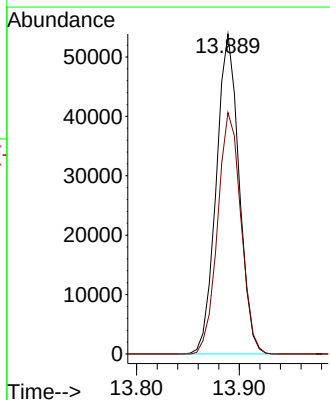
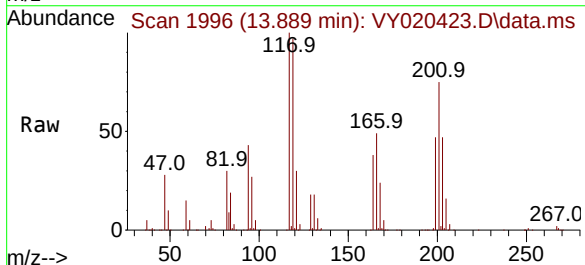
Acq: 25 Nov 2024 09:46

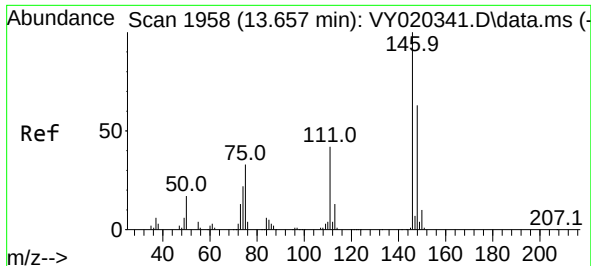
Tgt Ion: 117 Resp: 82749

Ion Ratio Lower Upper

117 100

201 77.3 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 52.373 ug/l

RT: 13.669 min Scan# 1958

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

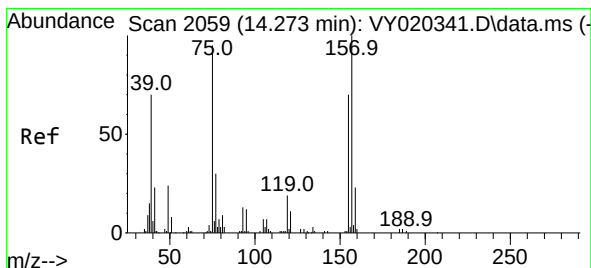
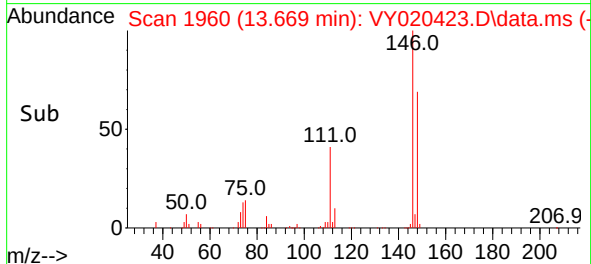
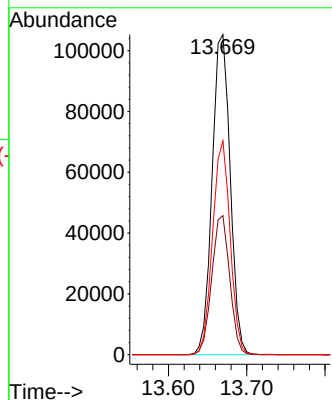
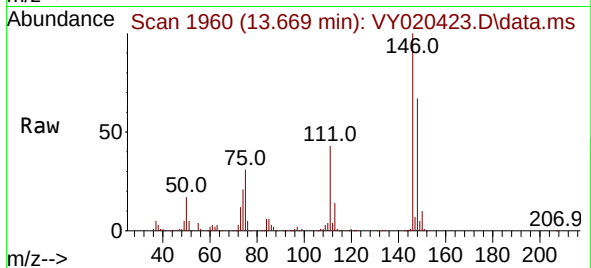
Tgt Ion:146 Resp: 168933

Ion Ratio Lower Upper

146 100

111 43.1 20.8 62.5

148 64.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.602 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

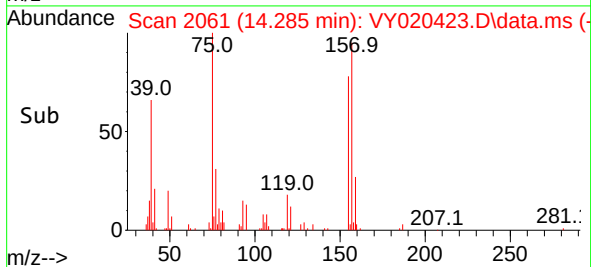
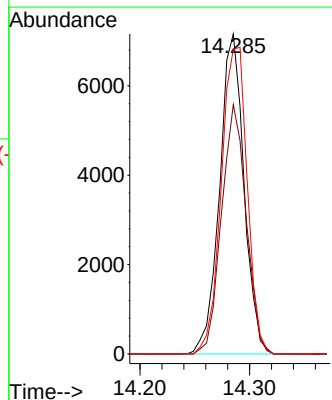
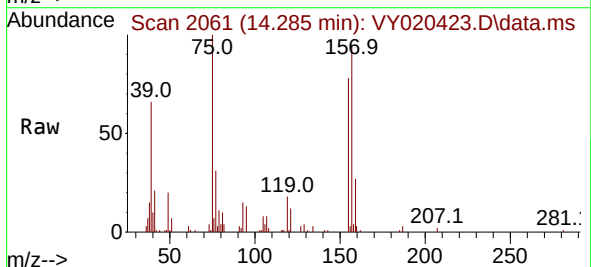
Tgt Ion: 75 Resp: 11052

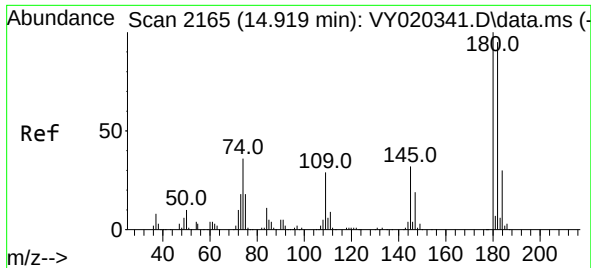
Ion Ratio Lower Upper

75 100

155 78.7 39.7 119.1

157 102.1 52.6 157.8

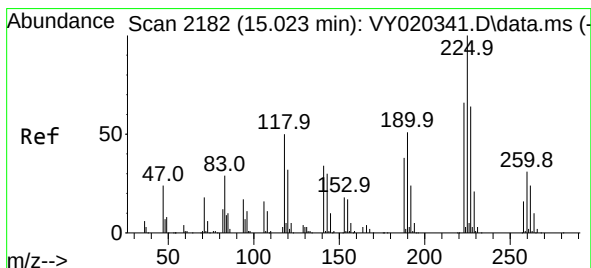
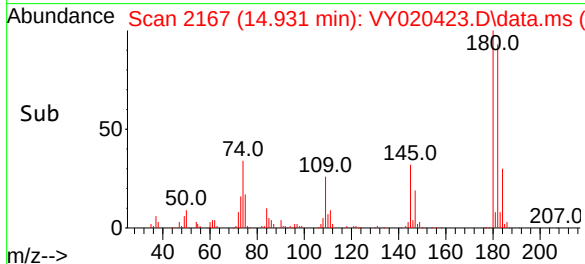
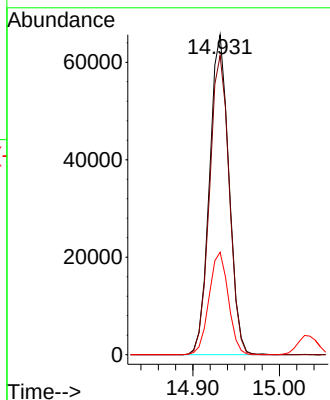
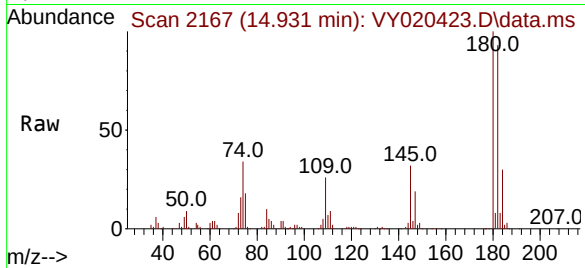




#93  
1,2,4-Trichlorobenzene  
Concen: 52.372 ug/l  
RT: 14.931 min Scan# 2167  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

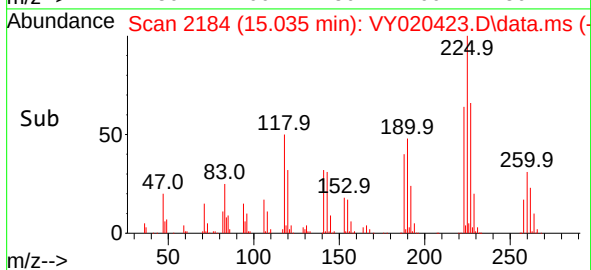
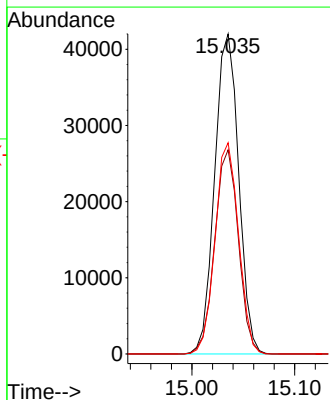
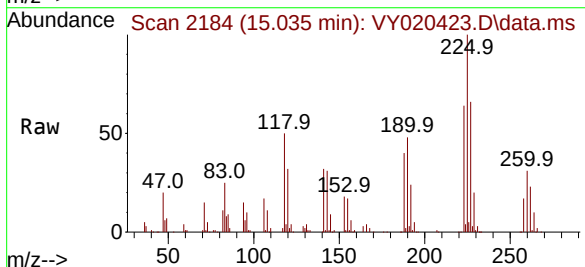
Instrument :  
MSVOA\_Y  
ClientSampleId :

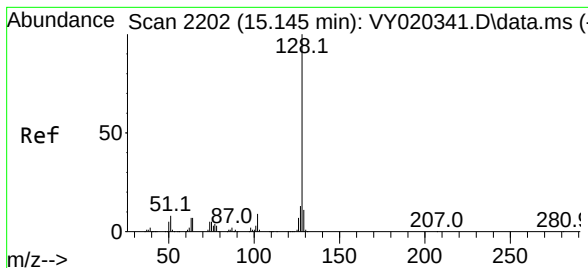
Tgt Ion:180 Resp: 102140  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.6 142.8  
145 31.8 15.8 47.3



#94  
Hexachlorobutadiene  
Concen: 57.131 ug/l  
RT: 15.035 min Scan# 2184  
Delta R.T. 0.012 min  
Lab File: VY020423.D  
Acq: 25 Nov 2024 09:46

Tgt Ion:225 Resp: 68013  
Ion Ratio Lower Upper  
225 100  
223 63.0 31.9 95.5  
227 64.7 32.3 96.8





#95

Naphthalene

Concen: 49.944 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Instrument :

MSVOA\_Y

ClientSampleId :

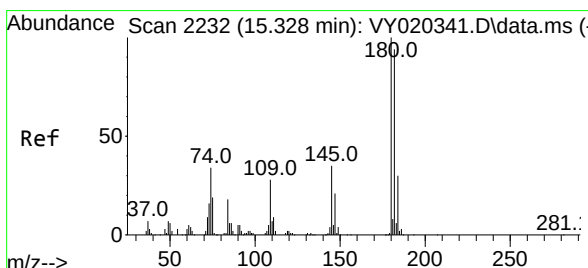
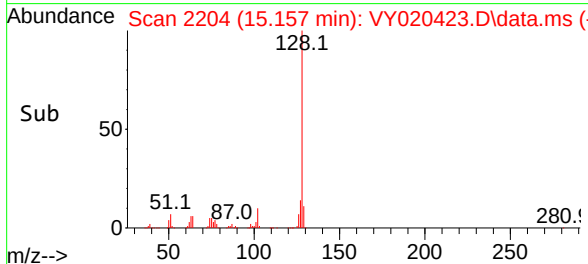
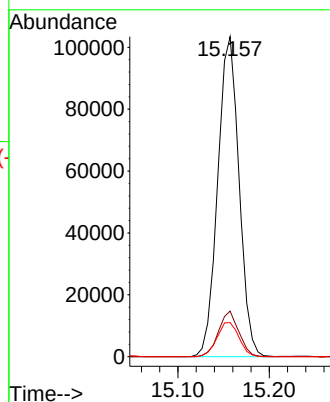
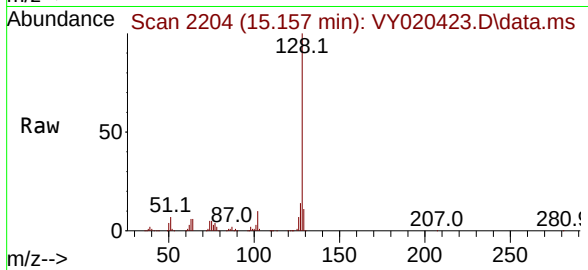
Tgt Ion:128 Resp: 167750

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.252 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY020423.D

Acq: 25 Nov 2024 09:46

Tgt Ion:180 Resp: 83798

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 33.4 16.9 50.6

