

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012925\  
 Data File : VY020960.D  
 Acq On : 29 Jan 2025 10:38  
 Operator : SY/MD  
 Sample : VY0129SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 30 00:33:03 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012425S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 25 01:12:18 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 244423   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 364186   | 50.000 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 311959   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.353 | 152  | 159108   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |       |
|-----------------------------|--------|-------|----------|----------|------------|-------|
| System Monitoring Compounds |        |       |          |          |            |       |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 102021   | 52.351   | ug/l       | -0.01 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 104.700% |       |
| 35) Dibromofluoromethane    | 7.640  | 113   | 106338   | 50.862   | ug/l       | 0.00  |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 101.720% |       |
| 50) Toluene-d8              | 10.109 | 98    | 408785   | 50.408   | ug/l       | 0.00  |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 100.820% |       |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 137324   | 50.881   | ug/l       | 0.00  |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 101.760% |       |

|                              |       |     |        |         |          |
|------------------------------|-------|-----|--------|---------|----------|
| Target Compounds             |       |     |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 41659  | 22.534  | ug/l 99  |
| 3) Chloromethane             | 2.074 | 50  | 30792  | 22.394  | ug/l 99  |
| 4) Vinyl Chloride            | 2.208 | 62  | 33021  | 22.035  | ug/l 97  |
| 5) Bromomethane              | 2.598 | 94  | 21846  | 21.523  | ug/l 97  |
| 6) Chloroethane              | 2.739 | 64  | 19854  | 22.582  | ug/l 94  |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 69560  | 21.847  | ug/l 99  |
| 8) Diethyl Ether             | 3.458 | 74  | 22693  | 23.190  | ug/l 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.824 | 101 | 46194  | 21.988  | ug/l 98  |
| 10) Methyl Iodide            | 4.013 | 142 | 52351  | 20.909  | ug/l 99  |
| 11) Tert butyl alcohol       | 4.866 | 59  | 19694  | 130.909 | ug/l 97  |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 44119  | 22.237  | ug/l 97  |
| 13) Acrolein                 | 3.659 | 56  | 25362  | 124.357 | ug/l 98  |
| 14) Allyl chloride           | 4.391 | 41  | 62811  | 22.682  | ug/l 98  |
| 15) Acrylonitrile            | 5.068 | 53  | 46244  | 120.219 | ug/l 99  |
| 16) Acetone                  | 3.879 | 43  | 32925  | 124.697 | ug/l 97  |
| 17) Carbon Disulfide         | 4.110 | 76  | 135766 | 22.158  | ug/l 100 |
| 18) Methyl Acetate           | 4.391 | 43  | 22717  | 23.817  | ug/l 99  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 107854 | 23.470  | ug/l 98  |
| 20) Methylene Chloride       | 4.622 | 84  | 44834  | 22.831  | ug/l 98  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 46851  | 21.902  | ug/l 95  |
| 22) Diisopropyl ether        | 6.025 | 45  | 131942 | 23.687  | ug/l 95  |
| 23) Vinyl Acetate            | 5.964 | 43  | 369827 | 119.966 | ug/l 100 |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 80398  | 22.770  | ug/l 99  |
| 25) 2-Butanone               | 6.896 | 43  | 56017  | 125.243 | ug/l 93  |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 77596  | 22.311  | ug/l 100 |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 55533  | 23.003  | ug/l 98  |
| 28) Bromochloromethane       | 7.250 | 49  | 31761  | 22.350  | ug/l 97  |
| 29) Tetrahydrofuran          | 7.268 | 42  | 37553  | 125.981 | ug/l 99  |
| 30) Chloroform               | 7.421 | 83  | 86024  | 23.019  | ug/l 100 |
| 31) Cyclohexane              | 7.707 | 56  | 73387  | 21.147  | ug/l 95  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 80844  | 22.303  | ug/l 99  |
| 36) 1,1-Dichloropropene      | 7.841 | 75  | 63711  | 21.826  | ug/l 100 |
| 37) Ethyl Acetate            | 6.988 | 43  | 26935  | 23.783  | ug/l 99  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 77494  | 22.014  | ug/l 98  |
| 39) Methylcyclohexane        | 9.109 | 83  | 84178  | 21.301  | ug/l 99  |
| 40) Benzene                  | 8.085 | 78  | 191337 | 22.343  | ug/l 98  |

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 Sample : VY0129SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 30 00:33:03 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012425S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 25 01:12:18 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 13633    | 22.787  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 50011    | 23.470  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 52171    | 24.293  | ug/l   | 99       |
| 44) Trichloroethene           | 8.866  | 130  | 51541    | 22.154  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 43291    | 22.901  | ug/l   | 98       |
| 46) Dibromomethane            | 9.238  | 93   | 25278    | 23.522  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.427  | 83   | 64769    | 22.651  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.225  | 41   | 22768    | 22.474  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 5796     | 523.809 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 135014   | 124.681 | ug/l   | 100      |
| 52) Toluene                   | 10.170 | 92   | 123290   | 22.385  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 60642    | 23.130  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 70370    | 22.478  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 34203    | 23.545  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.445 | 69   | 45142    | 23.712  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 58183    | 23.577  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 102267   | 118.356 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.762 | 43   | 86999    | 124.941 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.914 | 129  | 47497    | 23.232  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 32658    | 23.505  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.652 | 164  | 47686    | 21.965  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.444 | 112  | 134162   | 21.992  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 47631    | 21.972  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.524 | 91   | 234905   | 22.067  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.633 | 106  | 181816   | 44.606  | ug/l   | 100      |
| 69) o-Xylene                  | 11.957 | 106  | 85556    | 22.471  | ug/l   | 99       |
| 70) Styrene                   | 11.975 | 104  | 142225   | 22.793  | ug/l   | 100      |
| 71) Bromoform                 | 12.139 | 173  | 29259    | 23.836  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.255 | 105  | 226281   | 20.650  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 43822    | 22.474  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83   | 38431    | 22.541  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 49813    | 44.280  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 55250    | 21.509  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.597 | 91   | 267561   | 20.962  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 154159   | 21.294  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105  | 189360   | 21.506  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 12880    | 22.120  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 158352   | 21.420  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 176118   | 21.685  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.048 | 105  | 183708   | 21.193  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.182 | 105  | 242417   | 20.935  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.298 | 119  | 207705   | 21.232  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 106163   | 21.583  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146  | 103971   | 21.518  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.621 | 91   | 183157   | 21.226  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.883 | 117  | 40568    | 20.876  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.664 | 146  | 92833    | 21.784  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.279 | 75   | 5889     | 22.992  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 14.926 | 180  | 55926    | 21.815  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.029 | 225  | 37109    | 21.157  | ug/l   | 100      |
| 95) Naphthalene               | 15.151 | 128  | 89971    | 21.886  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.334 | 180  | 46491    | 21.585  | ug/l   | 97       |

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Data File : VY020960.D  
Acq On : 29 Jan 2025 10:38  
Operator : SY/MD  
Sample : VY0129SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

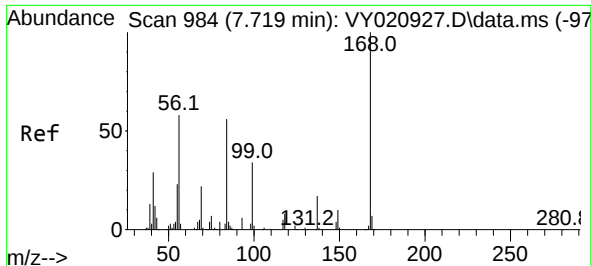
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jan 30 00:33:03 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012425S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jan 25 01:12:18 2025  
Response via : Initial Calibration

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

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

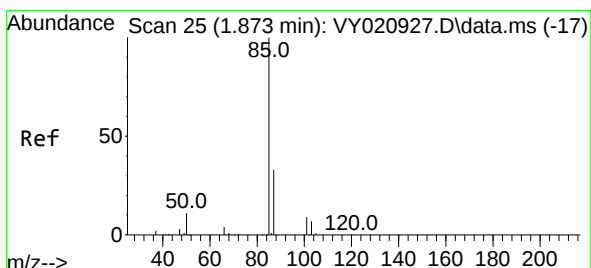
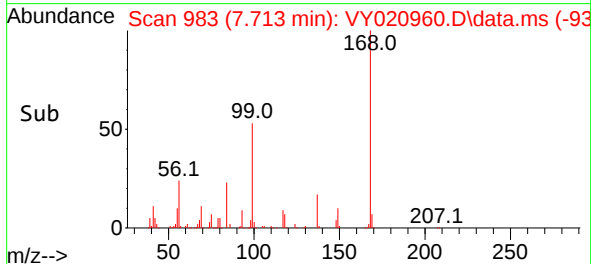
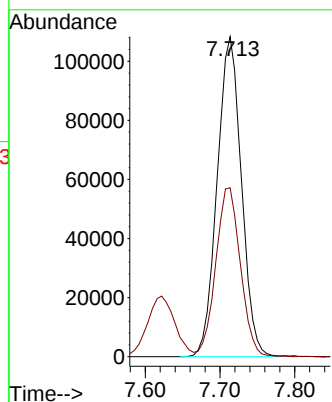
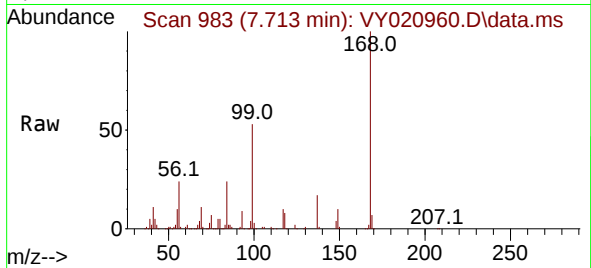




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

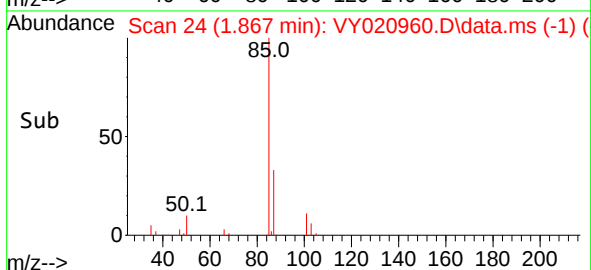
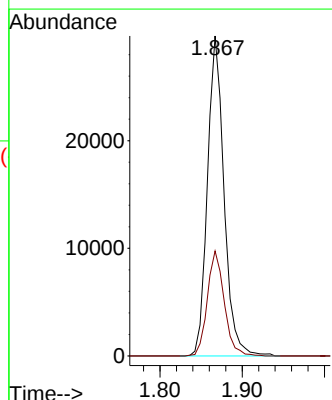
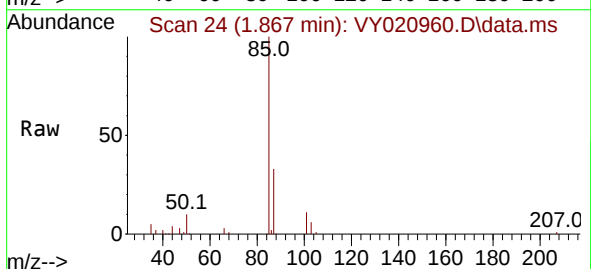
Instrument :  
MSVOA\_Y  
ClientSampleId :

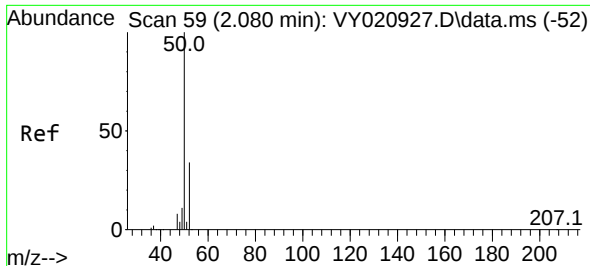
Tgt Ion:168 Resp: 244423  
Ion Ratio Lower Upper  
168 100  
99 52.7 43.0 64.6



#2  
Dichlorodifluoromethane  
Concen: 22.534 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 85 Resp: 41659  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.6 49.8

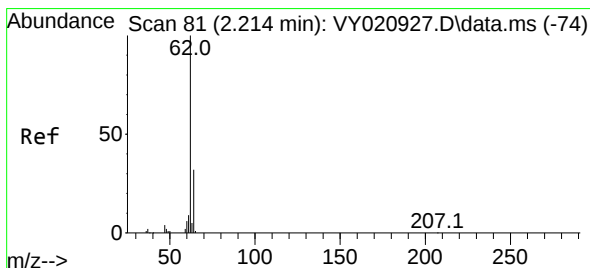
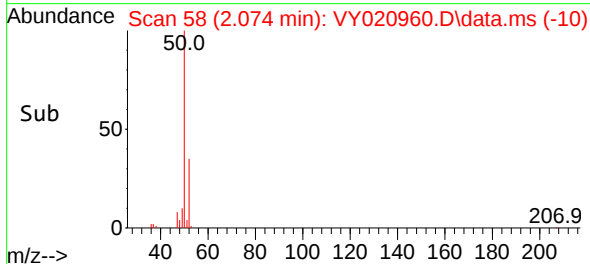
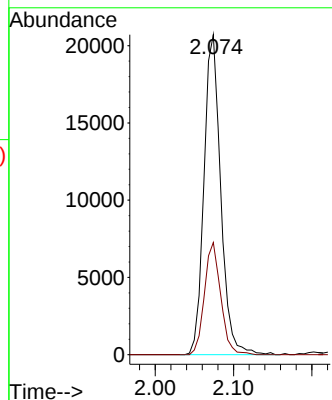
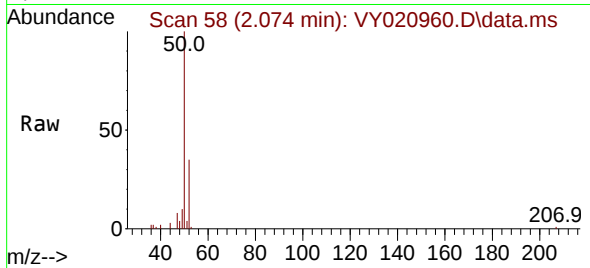




#3  
Chloromethane  
Concen: 22.394 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

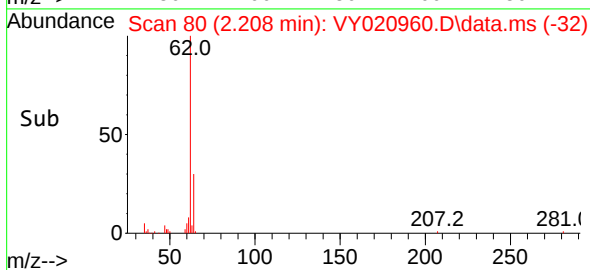
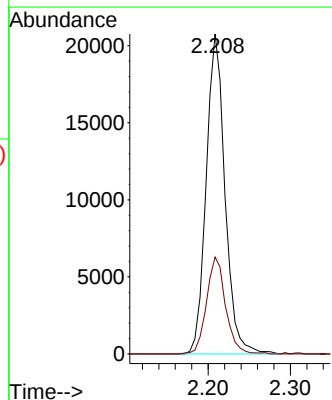
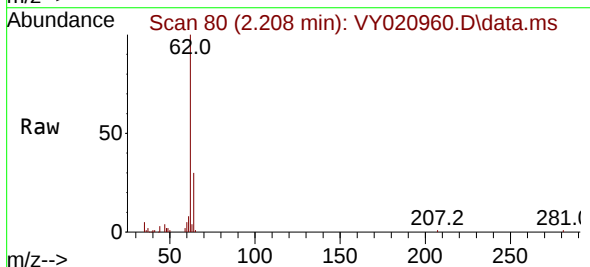
Instrument :  
MSVOA\_Y  
ClientSampleId :

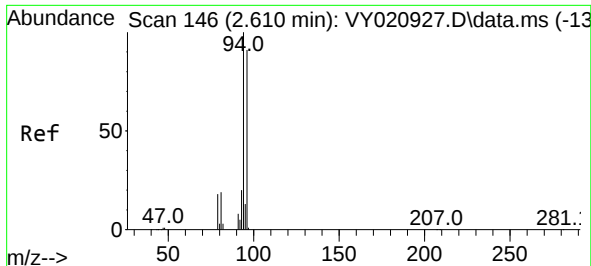
Tgt Ion: 50 Resp: 30792  
Ion Ratio Lower Upper  
50 100  
52 35.0 27.4 41.0



#4  
Vinyl Chloride  
Concen: 22.035 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 62 Resp: 33021  
Ion Ratio Lower Upper  
62 100  
64 30.3 25.7 38.5

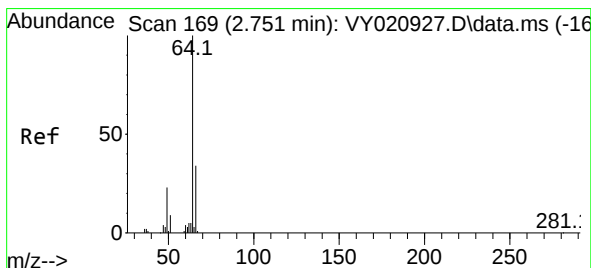
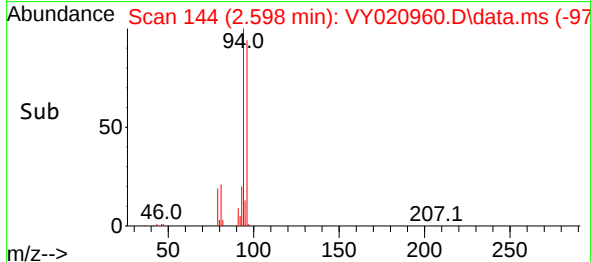
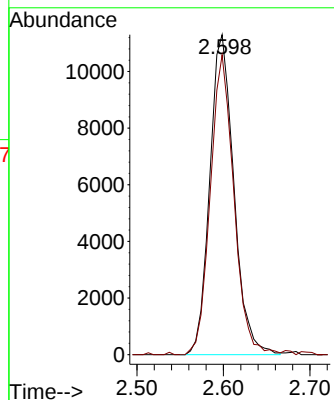
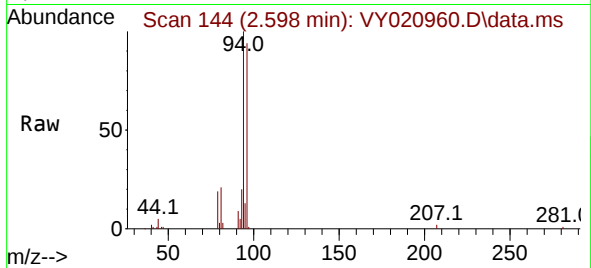




#5  
Bromomethane  
Concen: 21.523 ug/l  
RT: 2.598 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

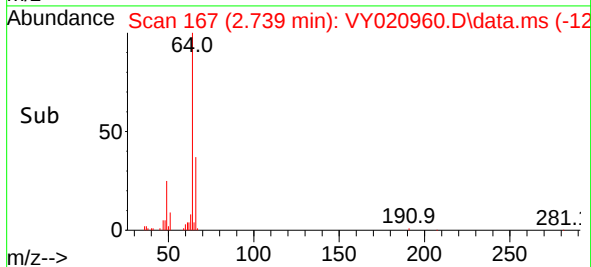
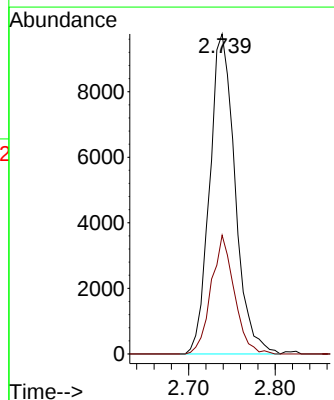
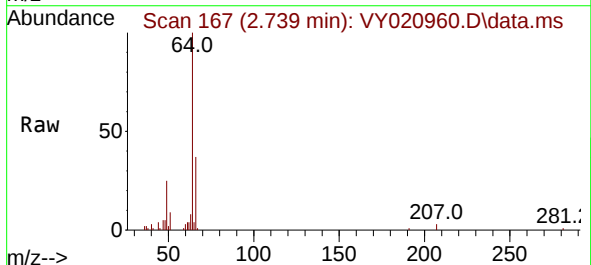
Instrument :  
MSVOA\_Y  
ClientSampleId :

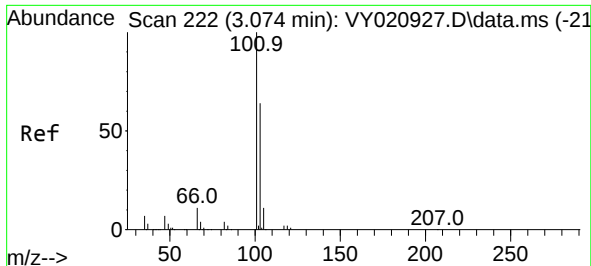
Tgt Ion: 94 Resp: 21846  
Ion Ratio Lower Upper  
94 100  
96 93.6 72.6 109.0



#6  
Chloroethane  
Concen: 22.582 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

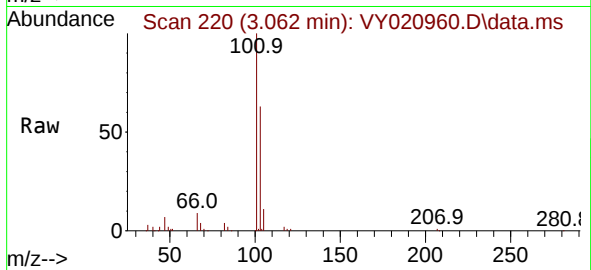
Tgt Ion: 64 Resp: 19854  
Ion Ratio Lower Upper  
64 100  
66 37.1 26.9 40.3



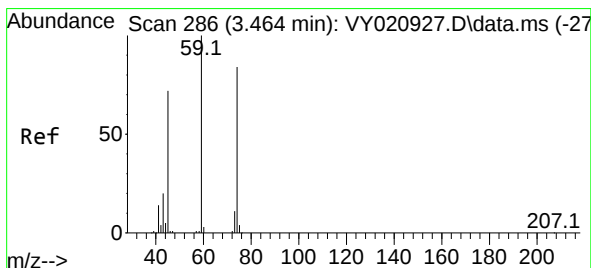
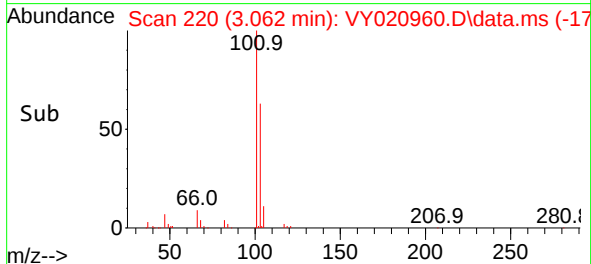
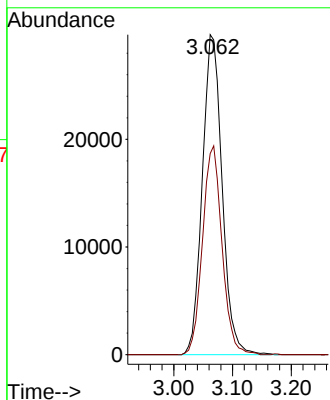


#7  
 Trichlorofluoromethane  
 Concen: 21.847 ug/l  
 RT: 3.062 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: VY020960.D  
 Acq: 29 Jan 2025 10:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

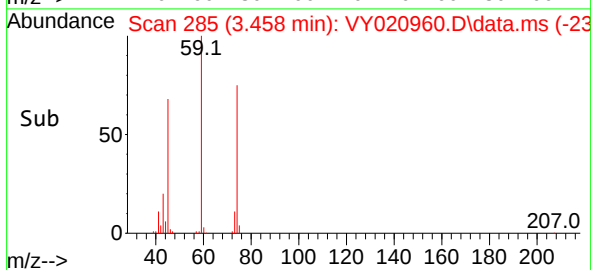
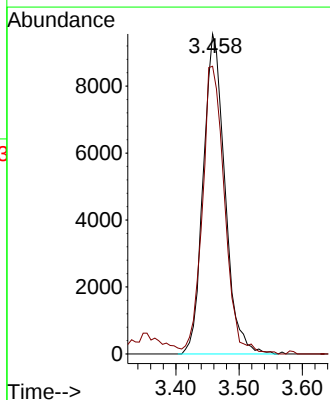
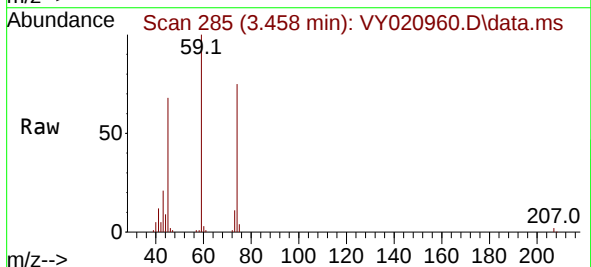


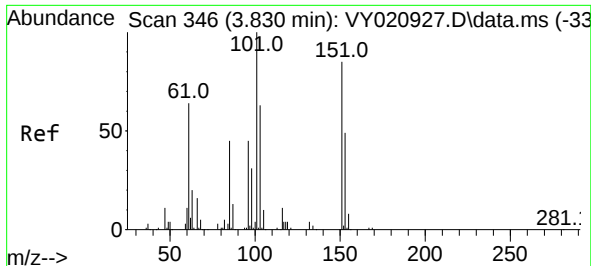
Tgt Ion:101 Resp: 69560  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 51.0 76.4



#8  
 Diethyl Ether  
 Concen: 23.190 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. -0.006 min  
 Lab File: VY020960.D  
 Acq: 29 Jan 2025 10:38

Tgt Ion: 74 Resp: 22693  
 Ion Ratio Lower Upper  
 74 100  
 45 92.4 45.1 135.2

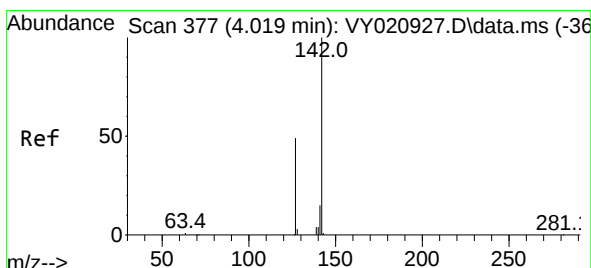
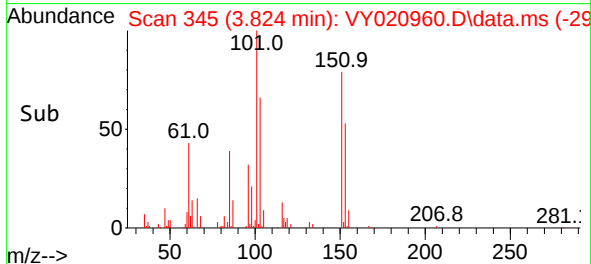
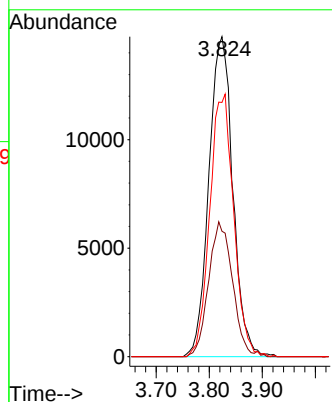
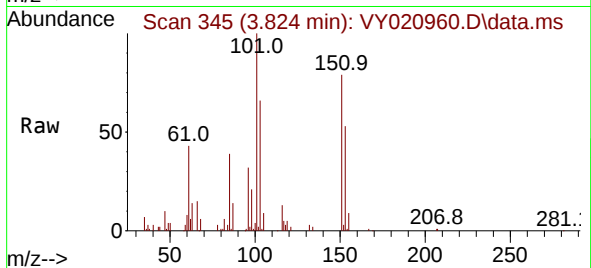




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.988 ug/l  
RT: 3.824 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

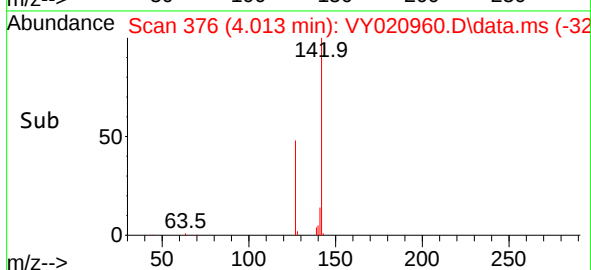
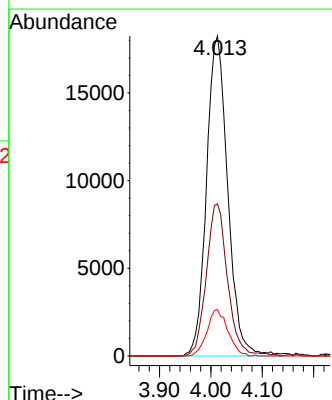
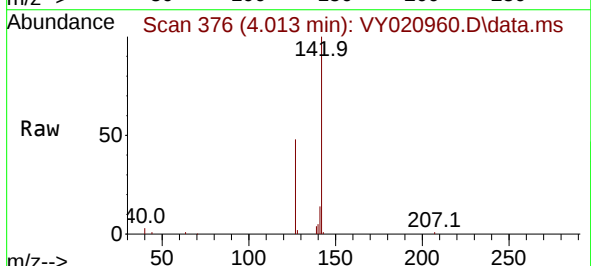
Instrument :  
MSVOA\_Y  
ClientSampleId :

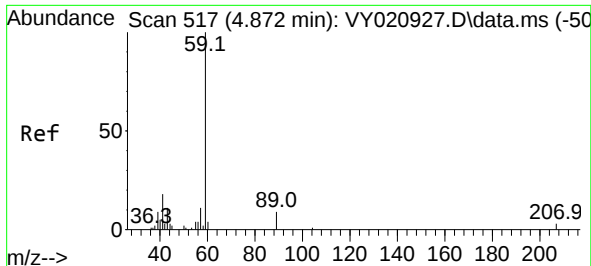
Tgt Ion:101 Resp: 46194  
Ion Ratio Lower Upper  
101 100  
85 42.2 35.4 53.2  
151 82.1 66.3 99.5



#10  
Methyl Iodide  
Concen: 20.909 ug/l  
RT: 4.013 min Scan# 376  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

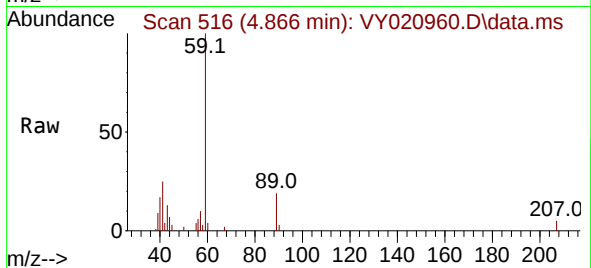
Tgt Ion:142 Resp: 52351  
Ion Ratio Lower Upper  
142 100  
127 47.6 37.3 55.9  
141 14.2 11.4 17.2



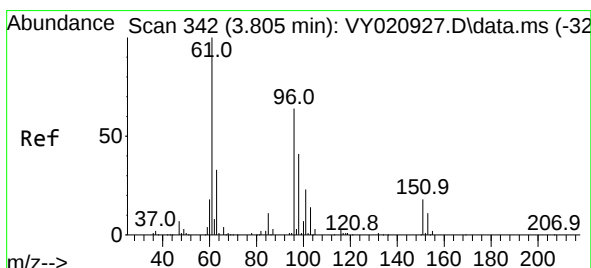
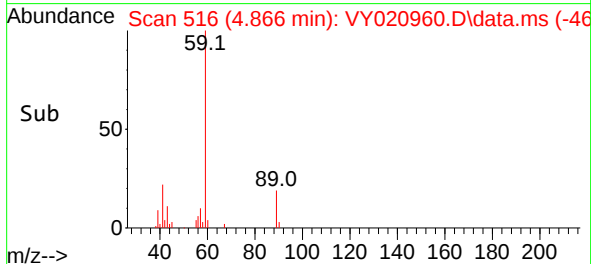
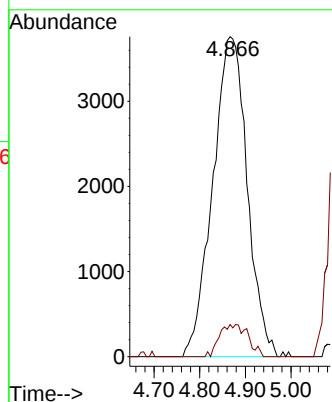


#11  
Tert butyl alcohol  
Concen: 130.909 ug/l  
RT: 4.866 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

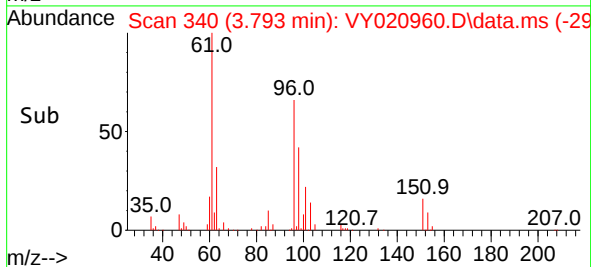
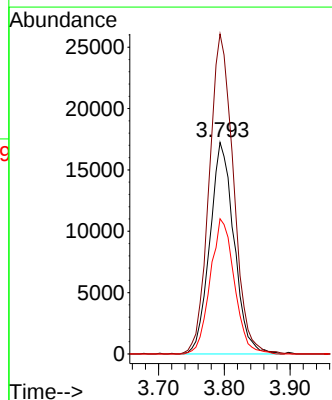
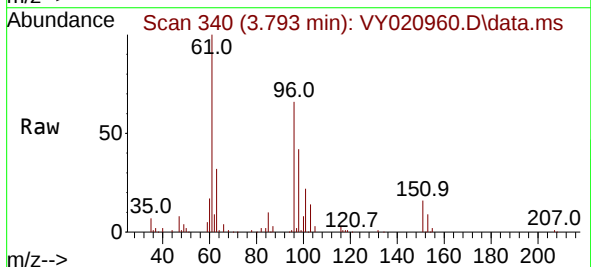


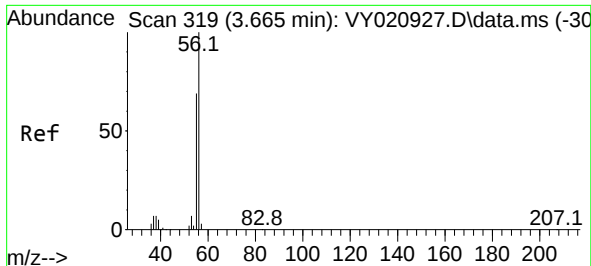
Tgt Ion: 59 Resp: 19694  
Ion Ratio Lower Upper  
59 100  
57 8.3 7.7 11.5



#12  
1,1-Dichloroethene  
Concen: 22.237 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 96 Resp: 44119  
Ion Ratio Lower Upper  
96 100  
61 151.3 124.5 186.7  
98 63.9 50.5 75.7





#13

Acrolein

Concen: 124.357 ug/l

RT: 3.659 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

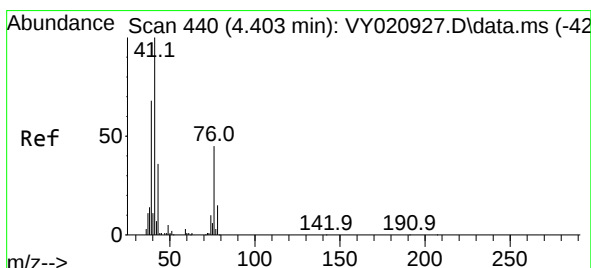
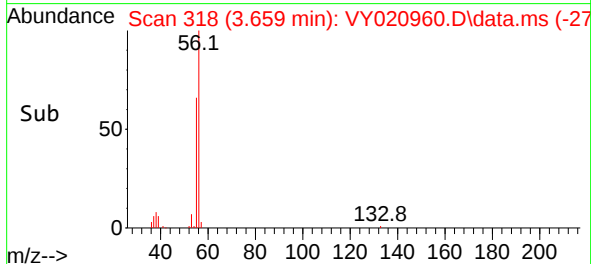
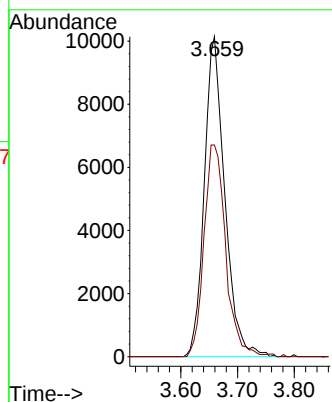
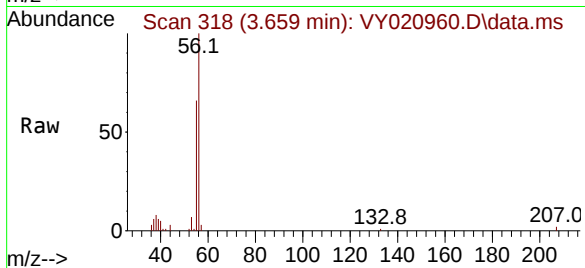
ClientSampleId :

Tgt Ion: 56 Resp: 25362

Ion Ratio Lower Upper

56 100

55 70.1 54.6 81.8



#14

Allyl chloride

Concen: 22.682 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

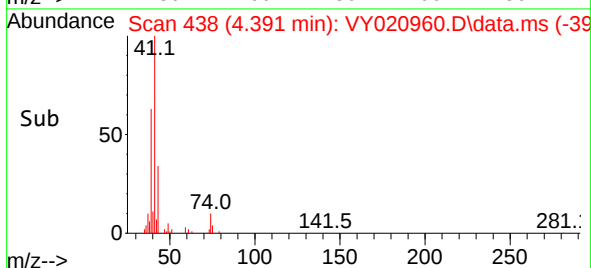
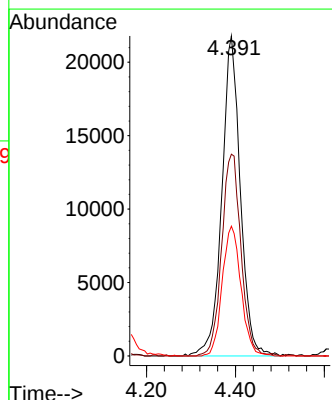
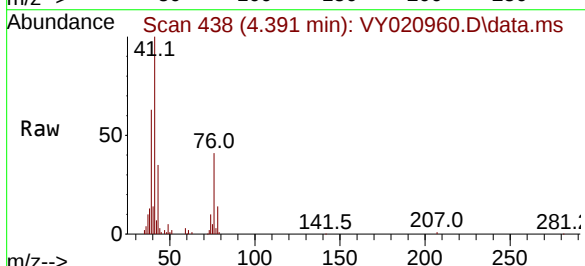
Tgt Ion: 41 Resp: 62811

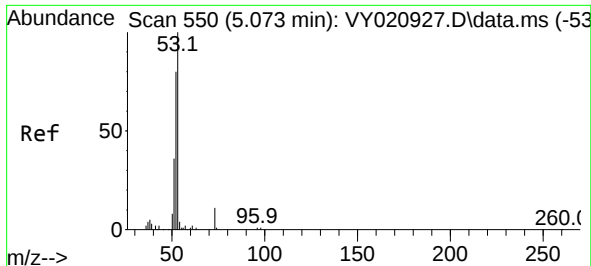
Ion Ratio Lower Upper

41 100

39 65.9 53.8 80.6

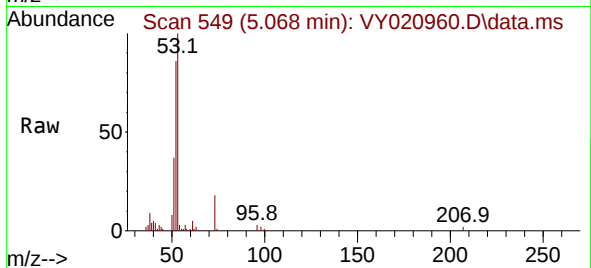
76 41.1 34.2 51.4



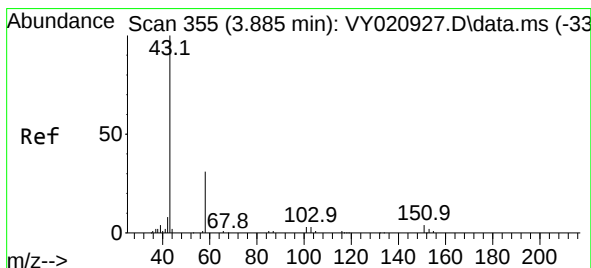
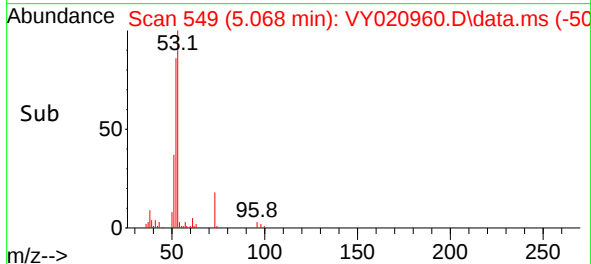
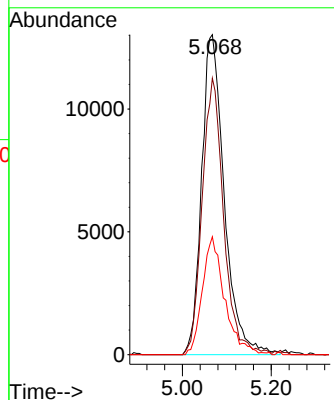


#15  
Acrylonitrile  
Concen: 120.219 ug/l  
RT: 5.068 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

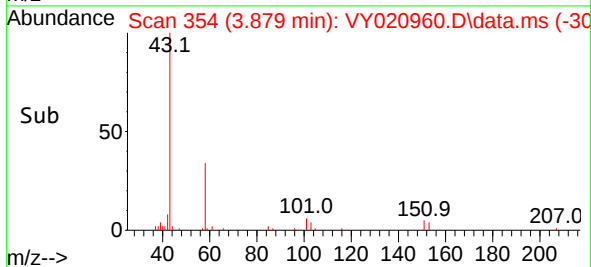
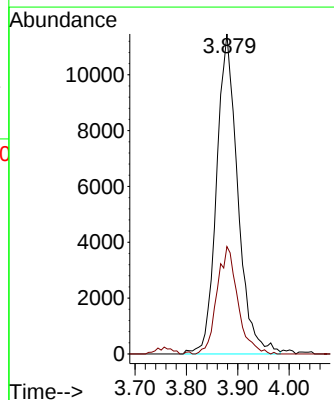
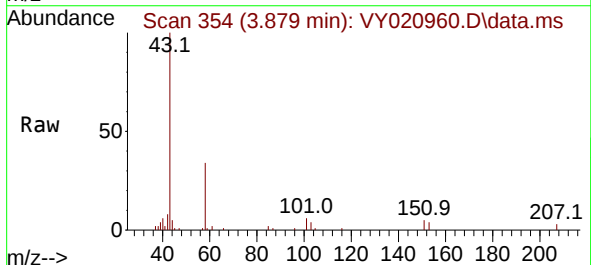


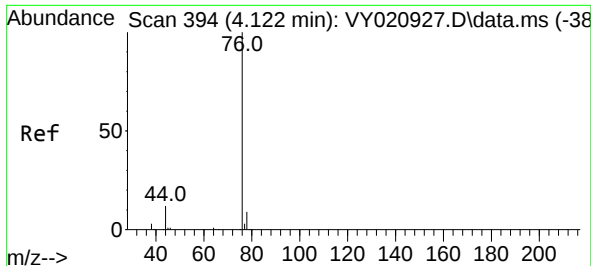
Tgt Ion: 53 Resp: 46244  
Ion Ratio Lower Upper  
53 100  
52 81.8 64.5 96.7  
51 36.1 28.9 43.3



#16  
Acetone  
Concen: 124.697 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 43 Resp: 32925  
Ion Ratio Lower Upper  
43 100  
58 33.5 25.6 38.4

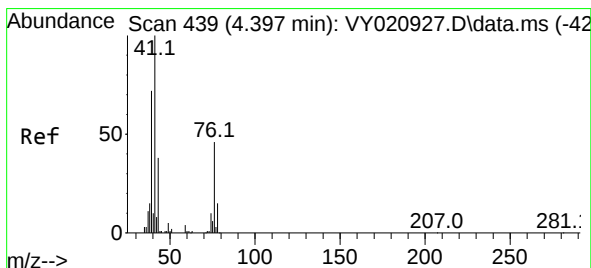
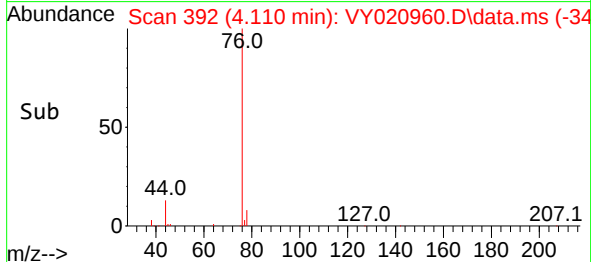
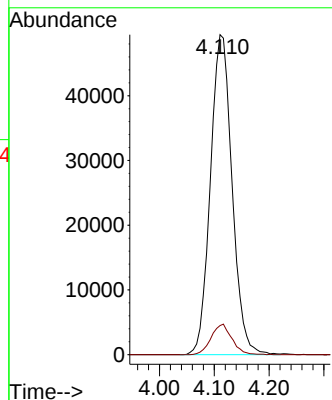
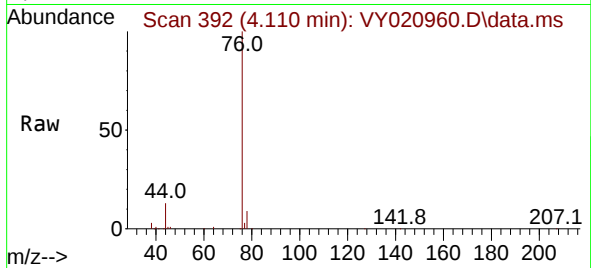




#17  
Carbon Disulfide  
Concen: 22.158 ug/l  
RT: 4.110 min Scan# 394  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

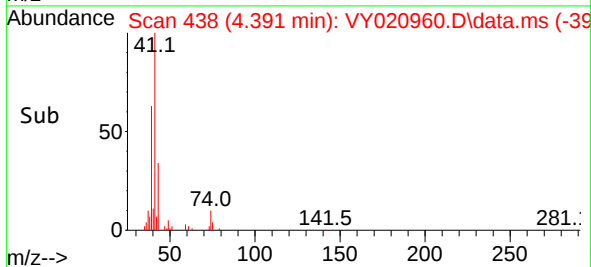
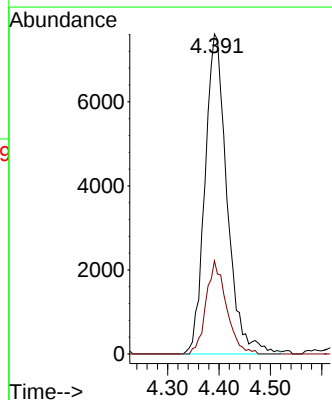
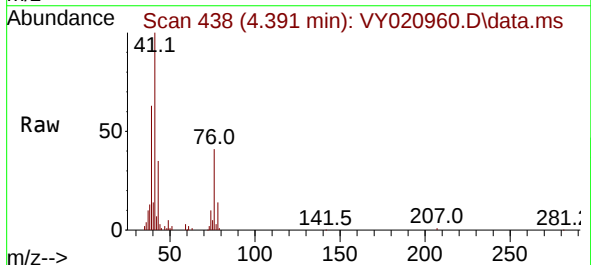
Instrument :  
MSVOA\_Y  
ClientSampleId :

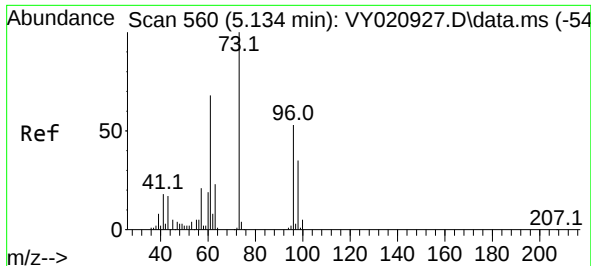
Tgt Ion: 76 Resp: 135766  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 23.817 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

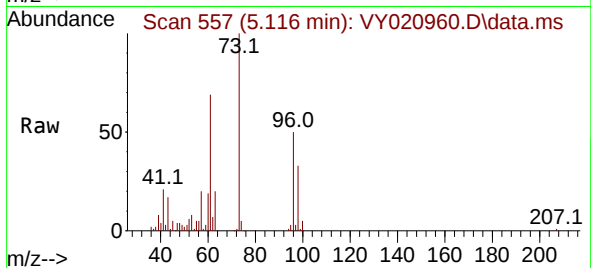
Tgt Ion: 43 Resp: 22717  
Ion Ratio Lower Upper  
43 100  
74 26.7 21.0 31.6



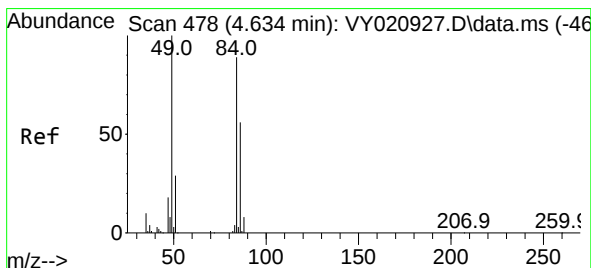
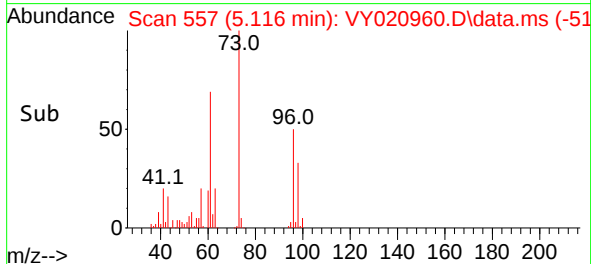
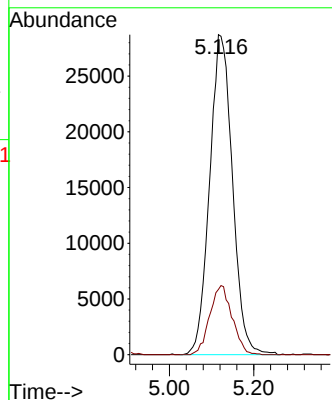


#19  
Methyl tert-butyl Ether  
Concen: 23.470 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. -0.018 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

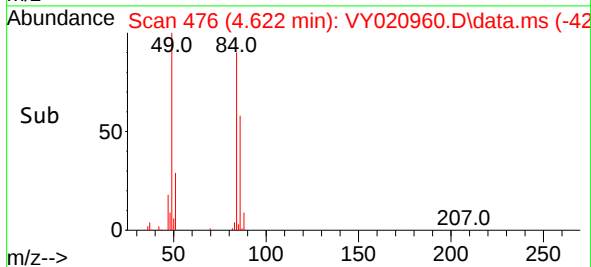
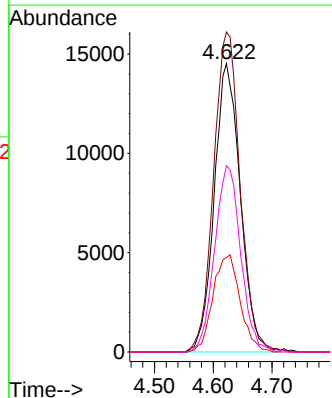
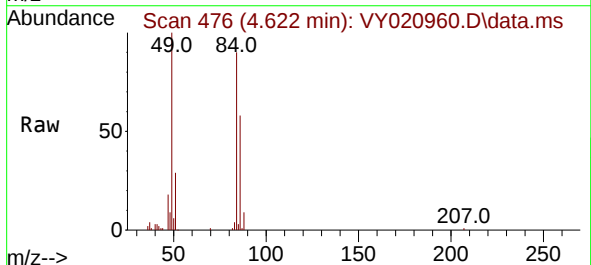


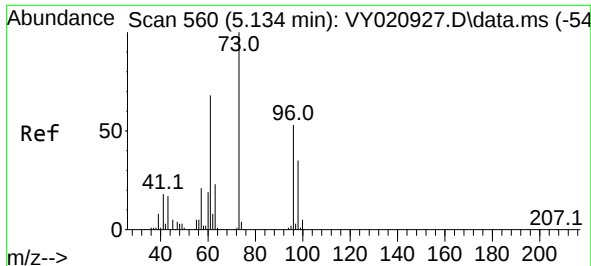
Tgt Ion: 73 Resp: 107854  
Ion Ratio Lower Upper  
73 100  
57 20.4 17.0 25.6



#20  
Methylene Chloride  
Concen: 22.831 ug/l  
RT: 4.622 min Scan# 476  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

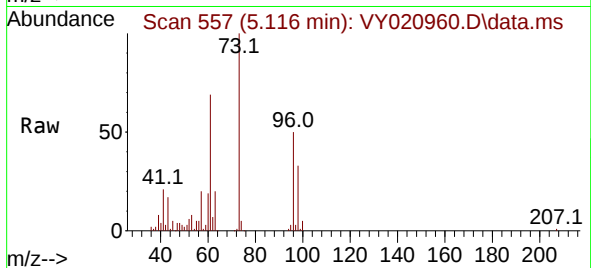
Tgt Ion: 84 Resp: 44834  
Ion Ratio Lower Upper  
84 100  
49 111.0 90.3 135.5  
51 32.7 26.6 39.8  
86 64.6 50.3 75.5



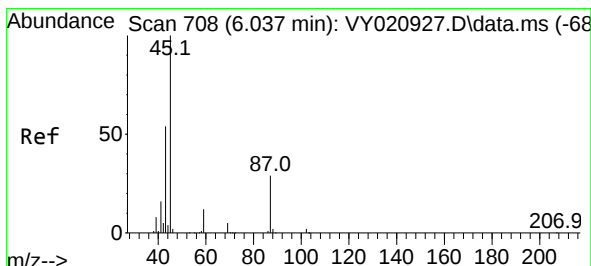
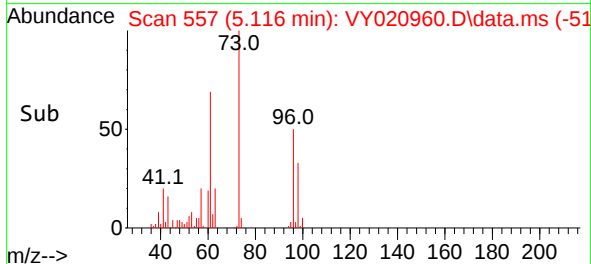
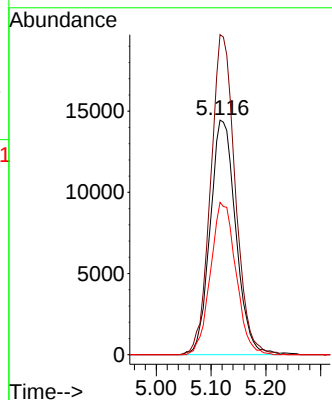


#21  
trans-1,2-Dichloroethene  
Concen: 21.902 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. -0.018 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

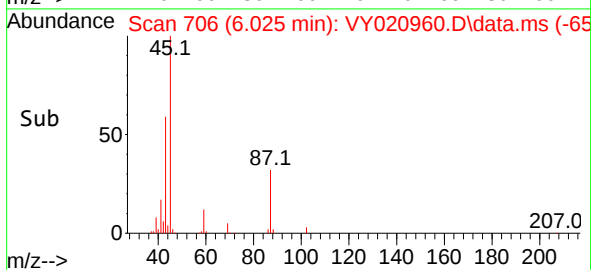
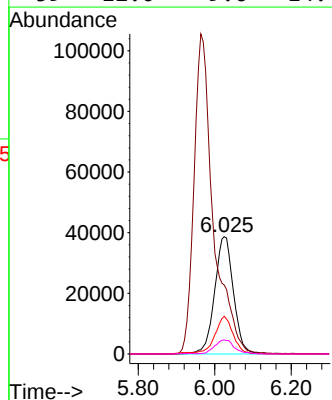
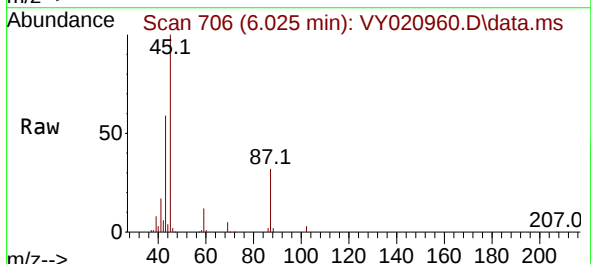


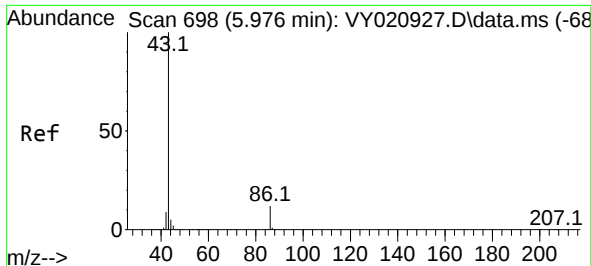
Tgt Ion: 96 Resp: 46851  
Ion Ratio Lower Upper  
96 100  
61 136.5 102.4 153.6  
98 65.0 52.0 78.0



#22  
Diisopropyl ether  
Concen: 23.687 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

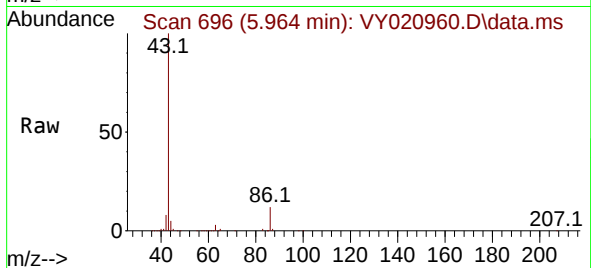
Tgt Ion: 45 Resp: 131942  
Ion Ratio Lower Upper  
45 100  
43 58.3 43.2 64.8  
87 32.1 23.4 35.0  
59 12.0 9.6 14.4



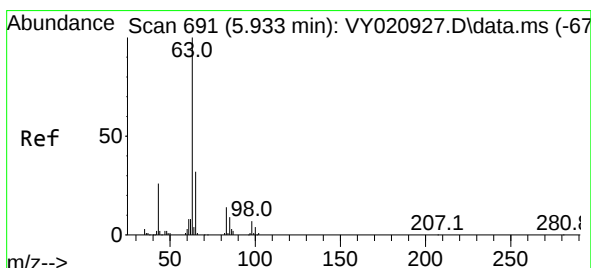
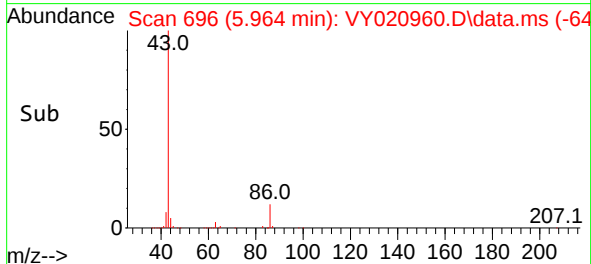
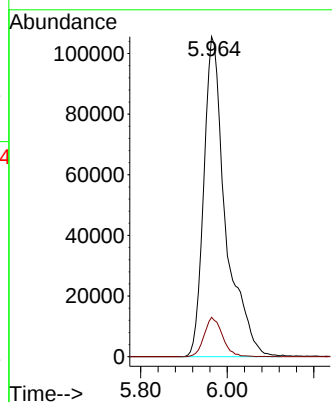


#23  
 Vinyl Acetate  
 Concen: 119.966 ug/l  
 RT: 5.964 min Scan# 698  
 Delta R.T. -0.012 min  
 Lab File: VY020960.D  
 Acq: 29 Jan 2025 10:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

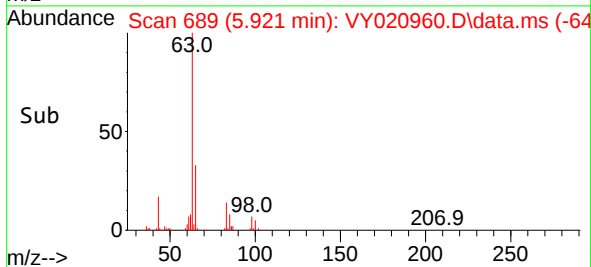
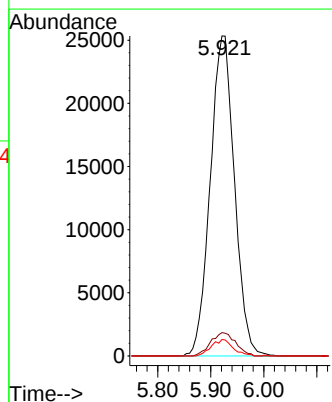
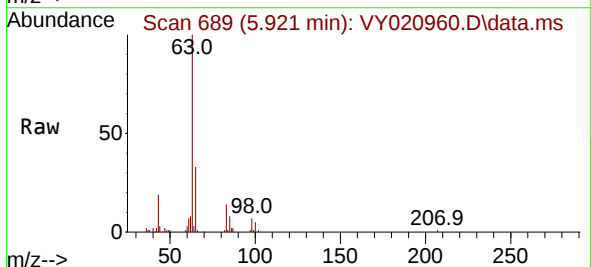


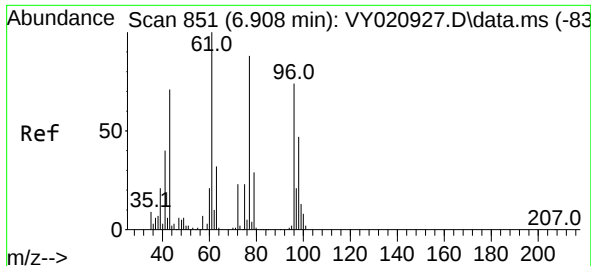
Tgt Ion: 43 Resp: 369827  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 9.8 14.6



#24  
 1,1-Dichloroethane  
 Concen: 22.770 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. -0.012 min  
 Lab File: VY020960.D  
 Acq: 29 Jan 2025 10:38

Tgt Ion: 63 Resp: 80398  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.7 11.1  
 100 5.2 2.3 6.8

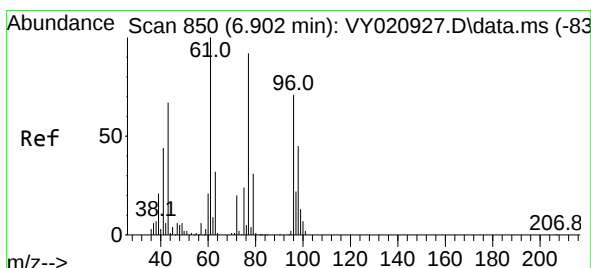
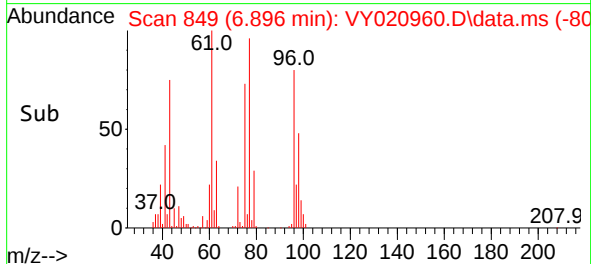
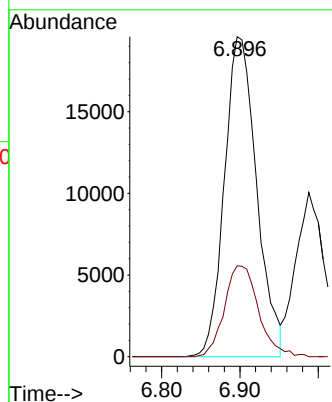
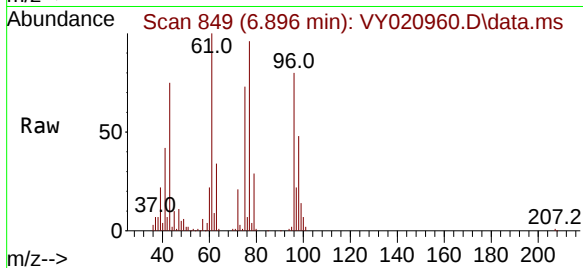




#25  
2-Butanone  
Concen: 125.243 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

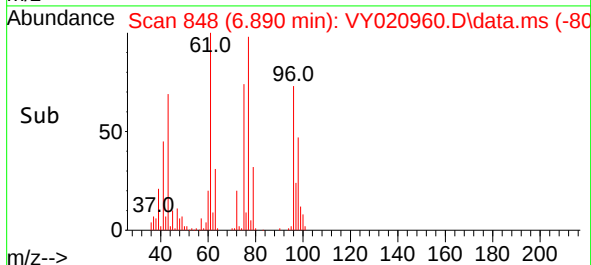
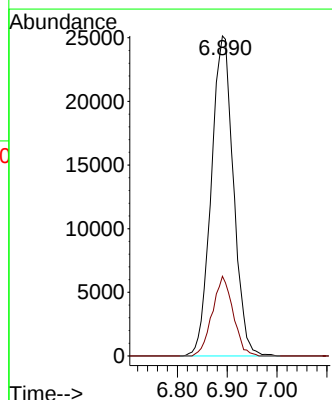
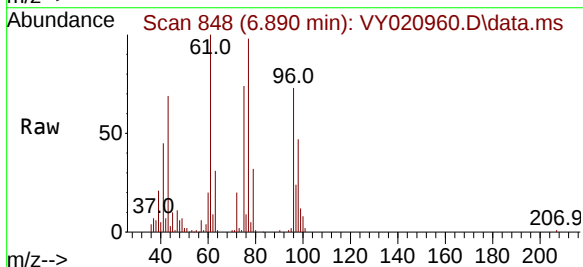
Instrument :  
MSVOA\_Y  
ClientSampleId :

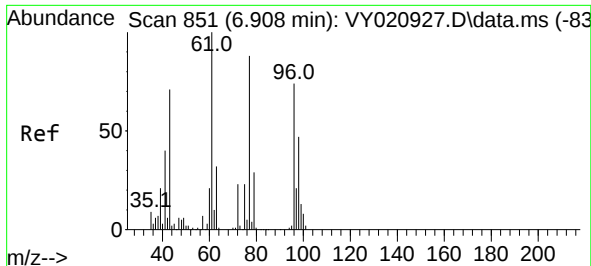
Tgt Ion: 43 Resp: 56017  
Ion Ratio Lower Upper  
43 100  
72 28.4 25.8 38.8



#26  
2,2-Dichloropropane  
Concen: 22.311 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 77 Resp: 77596  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 23.003 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

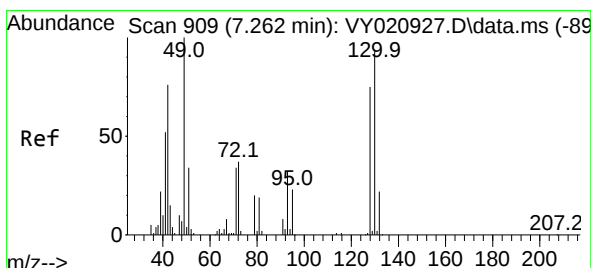
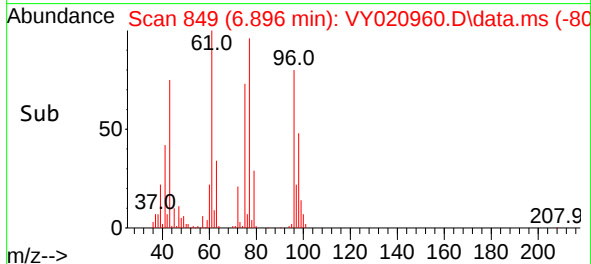
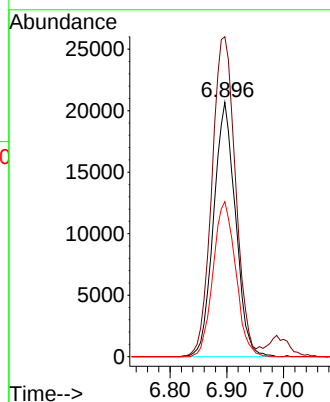
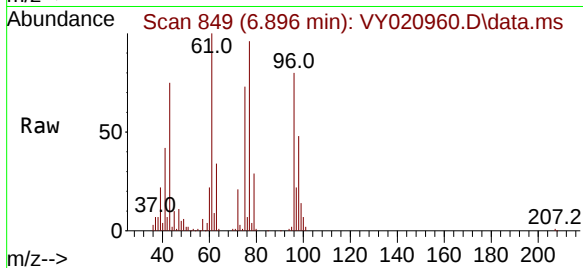
Tgt Ion: 96 Resp: 55533

Ion Ratio Lower Upper

96 100

61 135.2 0.0 275.2

98 62.7 0.0 129.6



#28

Bromochloromethane

Concen: 22.350 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

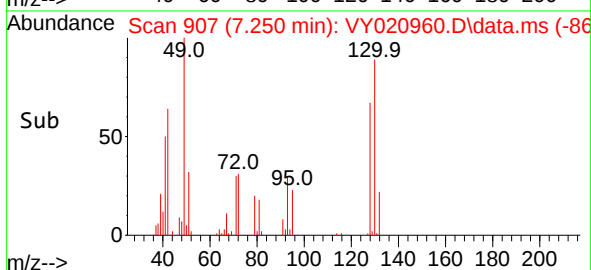
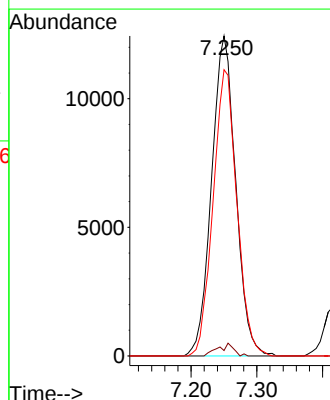
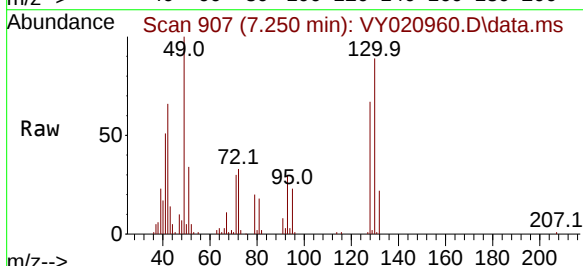
Tgt Ion: 49 Resp: 31761

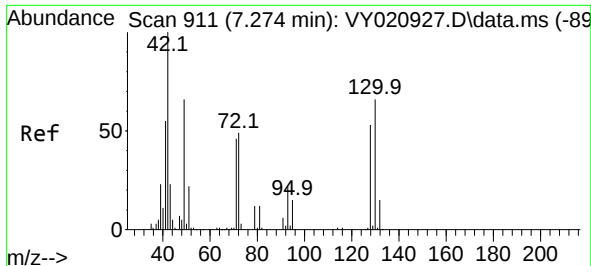
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 88.2 72.6 109.0





#29

Tetrahydrofuran

Concen: 125.981 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

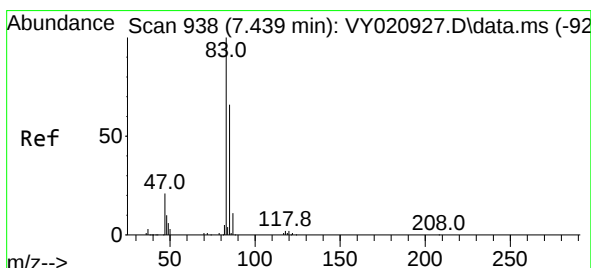
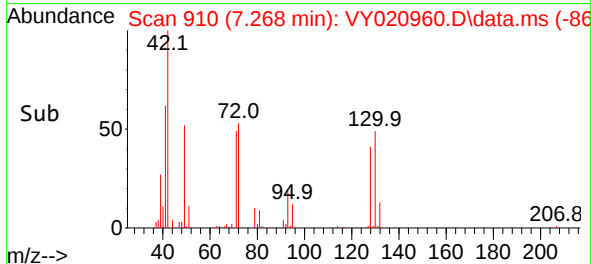
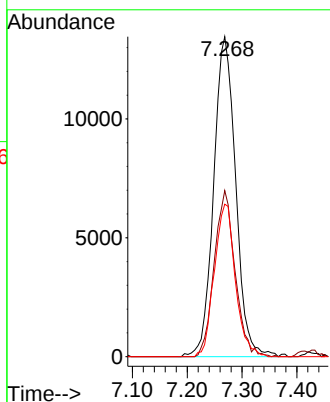
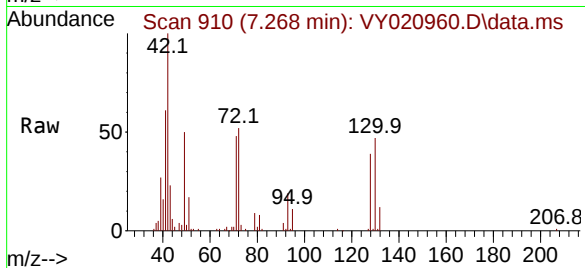
Tgt Ion: 42 Resp: 37553

Ion Ratio Lower Upper

42 100

72 49.1 38.8 58.2

71 45.6 36.4 54.6



#30

Chloroform

Concen: 23.019 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.018 min

Lab File: VY020960.D

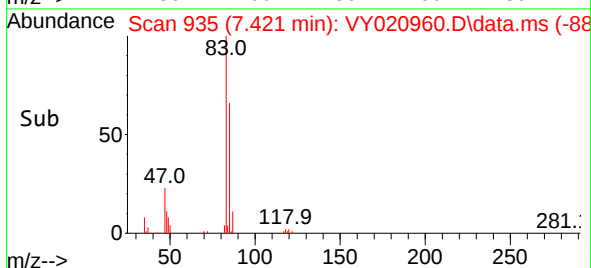
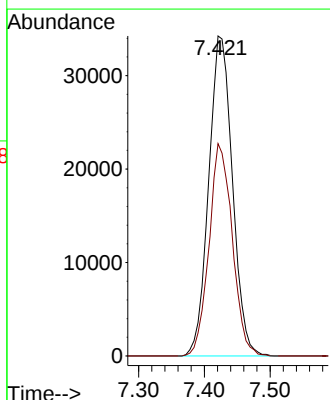
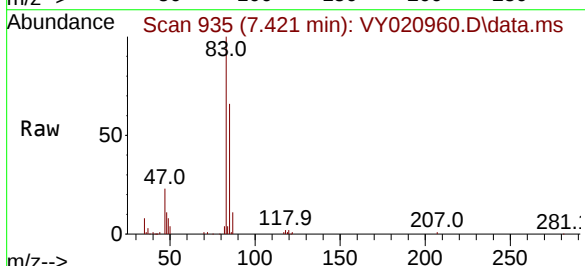
Acq: 29 Jan 2025 10:38

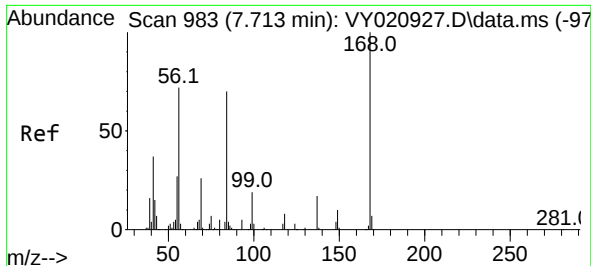
Tgt Ion: 83 Resp: 86024

Ion Ratio Lower Upper

83 100

85 66.3 53.0 79.4

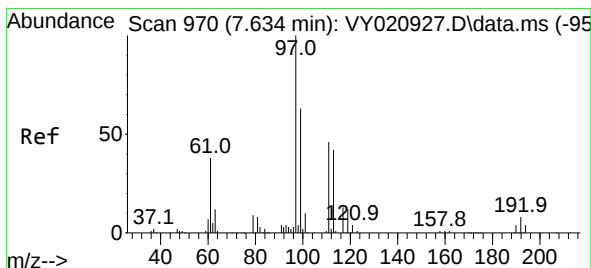
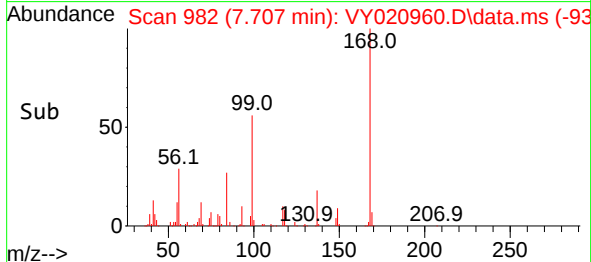
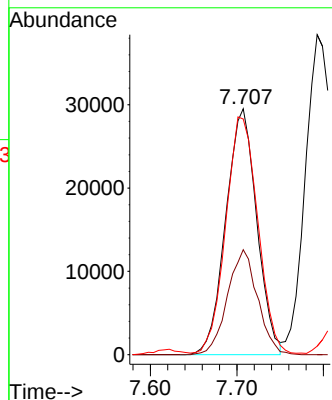
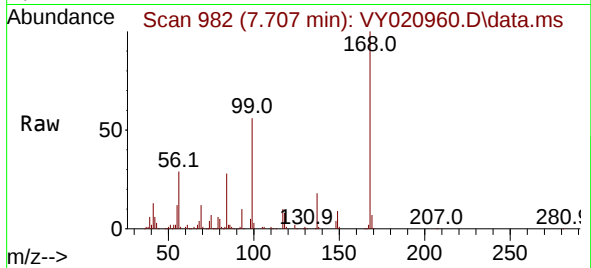




#31  
Cyclohexane  
Concen: 21.147 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

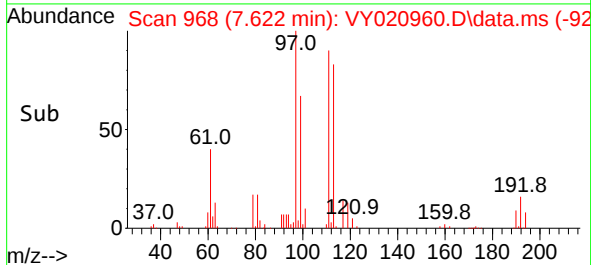
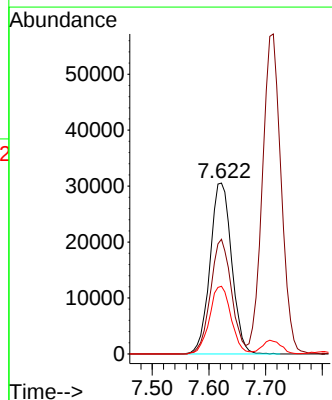
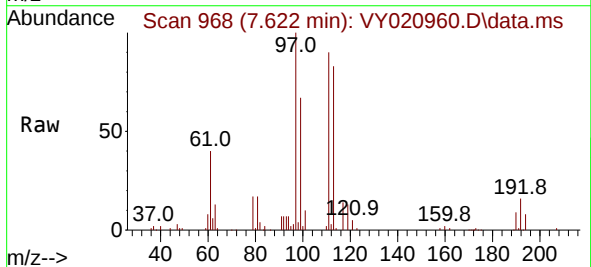
Instrument :  
MSVOA\_Y  
ClientSampleId :

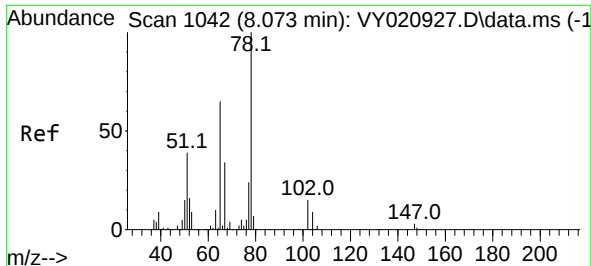
Tgt Ion: 56 Resp: 73387  
Ion Ratio Lower Upper  
56 100  
69 42.7 28.7 43.1  
84 94.6 77.4 116.0



#32  
1,1,1-Trichloroethane  
Concen: 22.303 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 97 Resp: 80844  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.7 77.5  
61 39.6 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 52.351 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

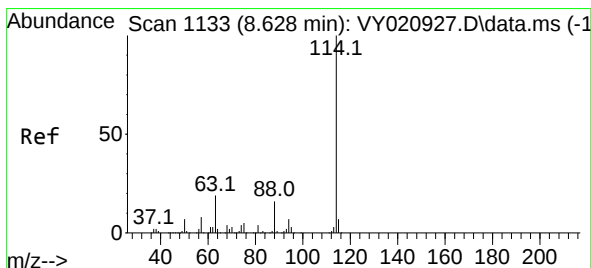
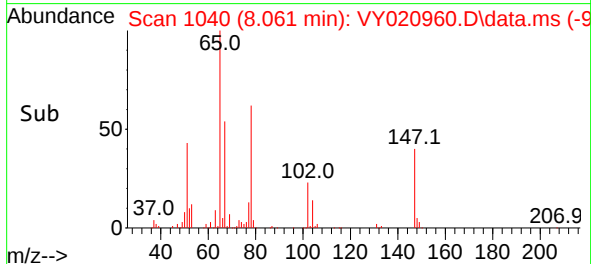
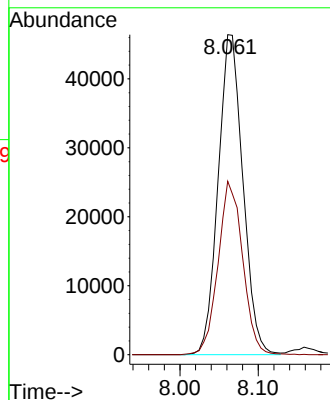
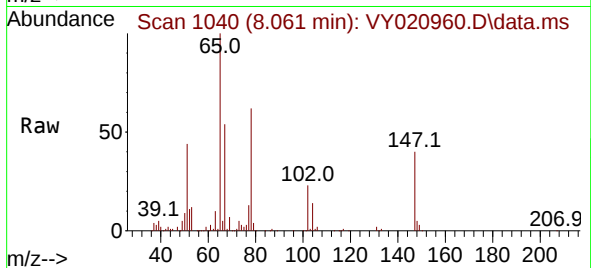
ClientSampleId :

Tgt Ion: 65 Resp: 102021

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

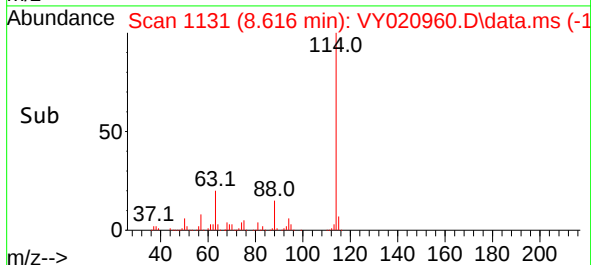
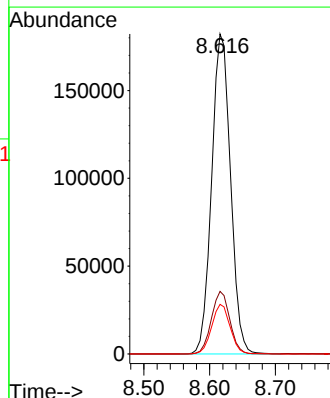
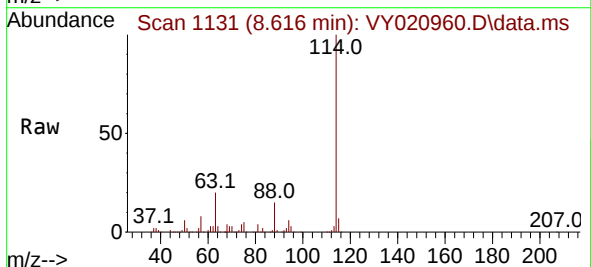
Tgt Ion:114 Resp: 364186

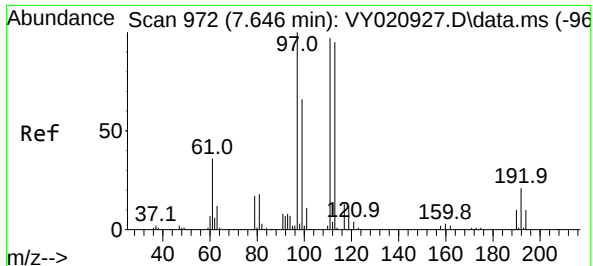
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

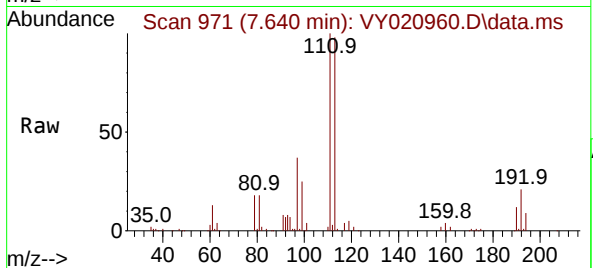
88 15.5 0.0 31.6



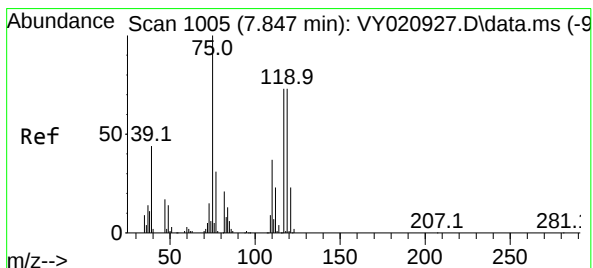
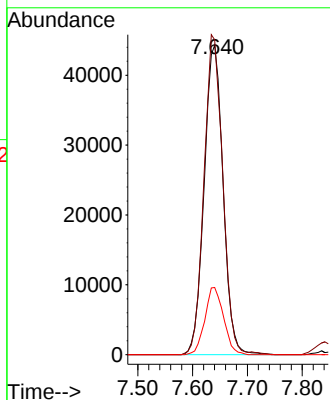
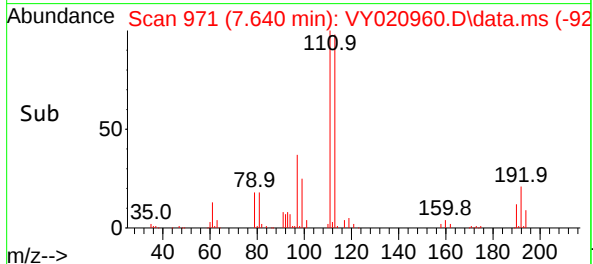


#35  
Dibromofluoromethane  
Concen: 50.862 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

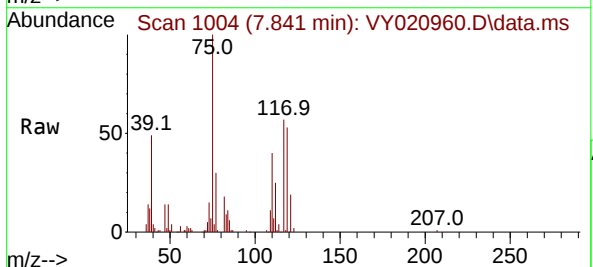
Instrument :  
MSVOA\_Y  
ClientSampleId :



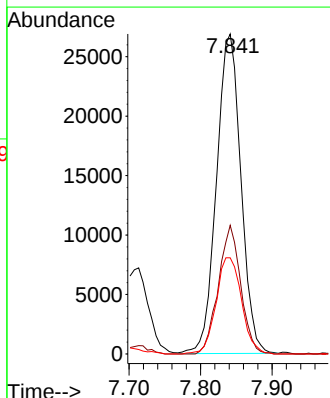
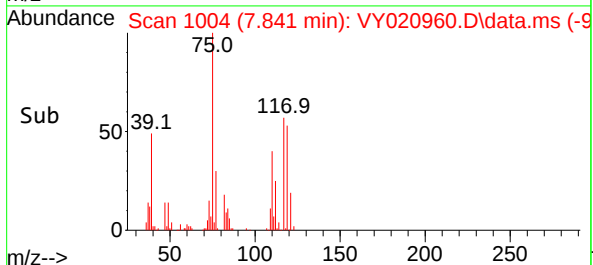
Tgt Ion:113 Resp: 106338  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.3 123.5  
192 21.4 17.4 26.2

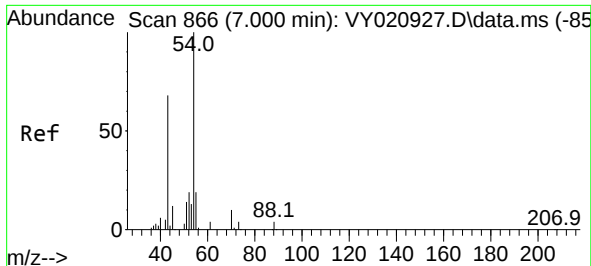


#36  
1,1-Dichloropropene  
Concen: 21.826 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38



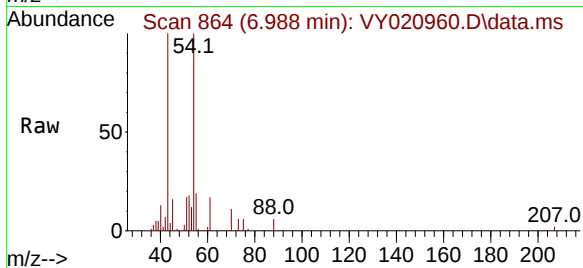
Tgt Ion: 75 Resp: 63711  
Ion Ratio Lower Upper  
75 100  
110 36.9 18.5 55.5  
77 31.5 25.0 37.4



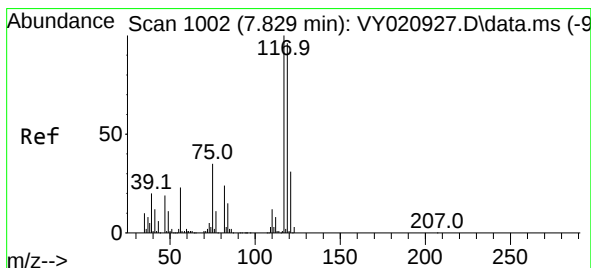
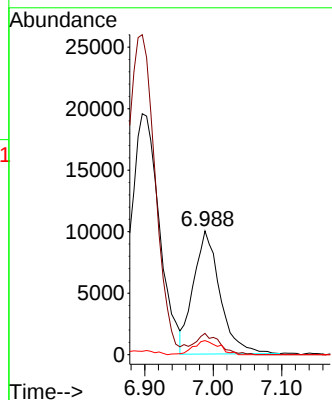
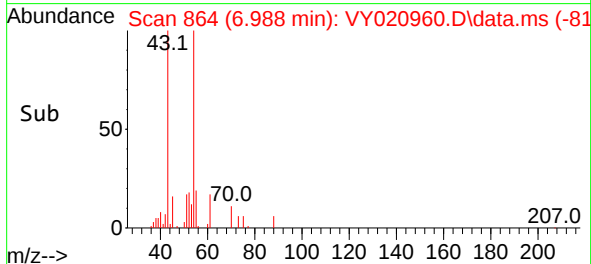


#37  
Ethyl Acetate  
Concen: 23.783 ug/l  
RT: 6.988 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

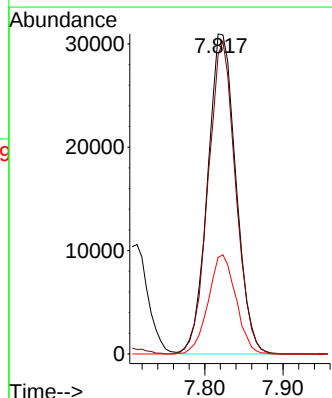
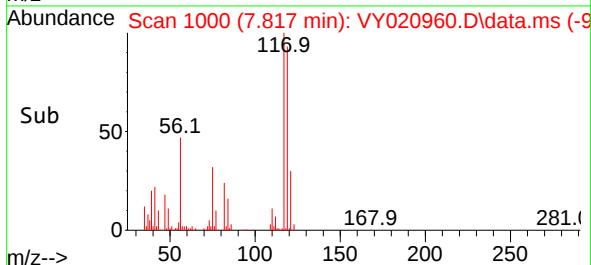
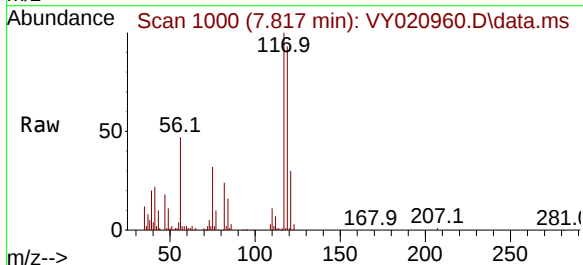


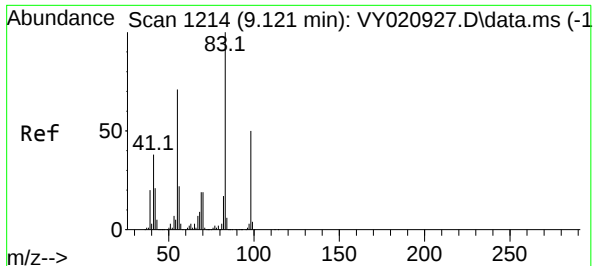
Tgt Ion: 43 Resp: 26935  
Ion Ratio Lower Upper  
43 100  
61 15.3 12.1 18.1  
70 11.1 9.5 14.3



#38  
Carbon Tetrachloride  
Concen: 22.014 ug/l  
RT: 7.817 min Scan# 1000  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 117 Resp: 77494  
Ion Ratio Lower Upper  
117 100  
119 93.4 76.5 114.7  
121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 21.301 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

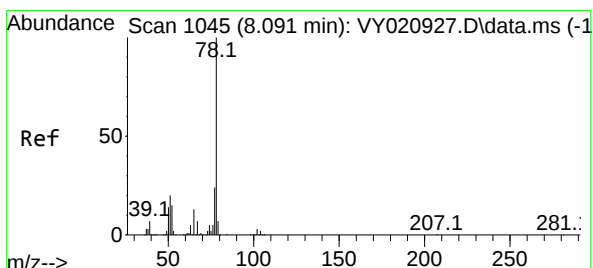
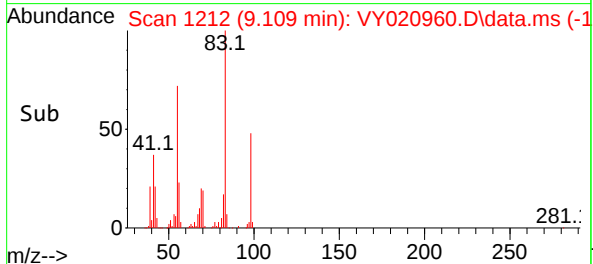
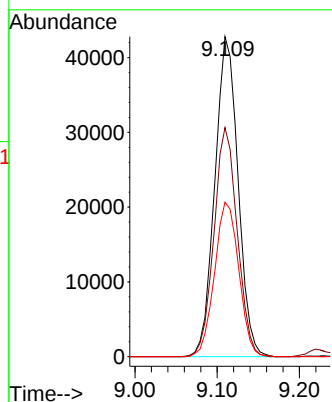
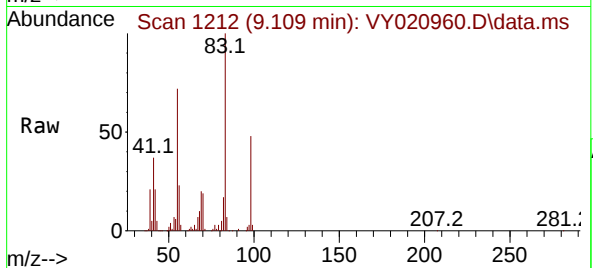
Tgt Ion: 83 Resp: 84178

Ion Ratio Lower Upper

83 100

55 71.6 57.0 85.4

98 48.3 40.1 60.1



#40

Benzene

Concen: 22.343 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020960.D

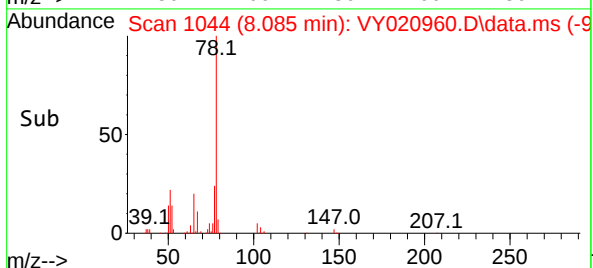
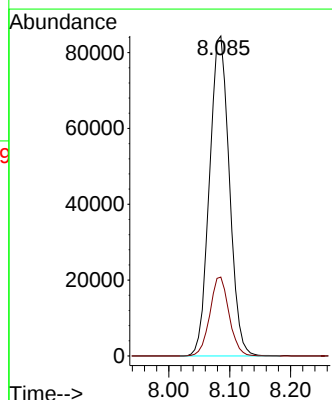
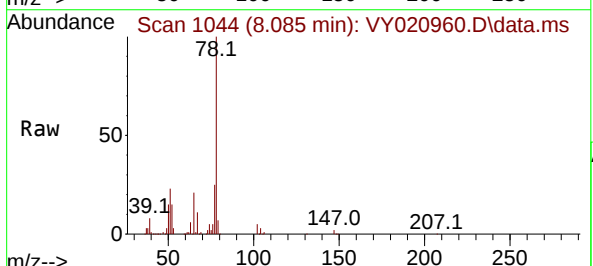
Acq: 29 Jan 2025 10:38

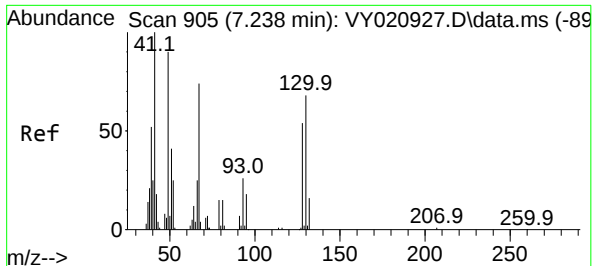
Tgt Ion: 78 Resp: 191337

Ion Ratio Lower Upper

78 100

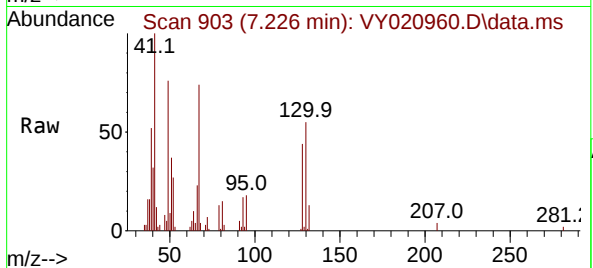
77 24.6 19.0 28.6



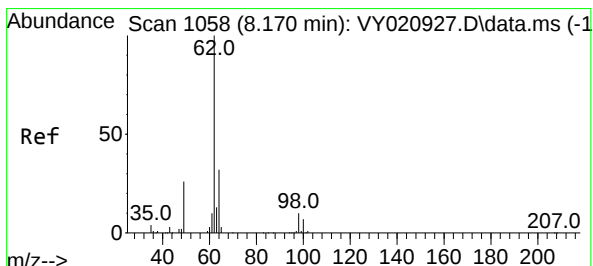
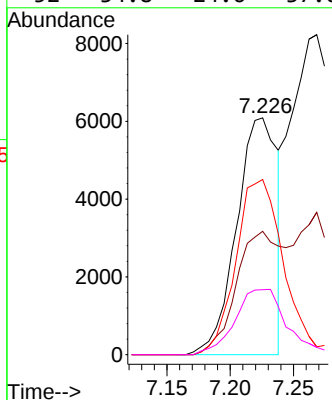
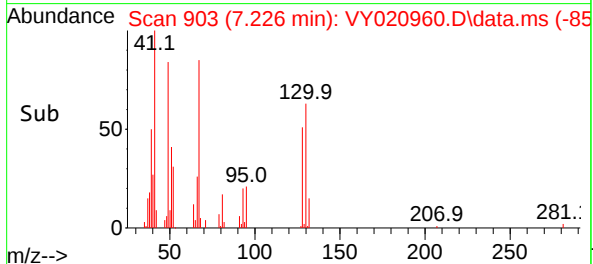


#41  
Methacrylonitrile  
Concen: 22.787 ug/l  
RT: 7.226 min Scan# 905  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

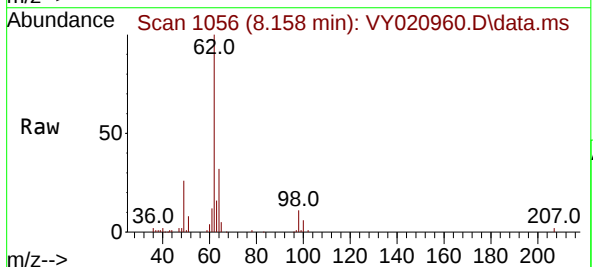
Instrument :  
MSVOA\_Y  
ClientSampleId :



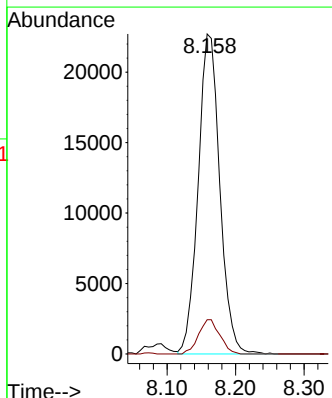
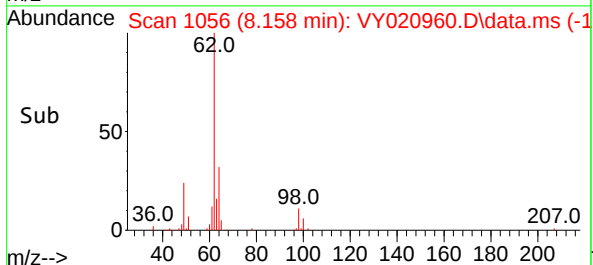
| Tgt Ion: | 41    | Resp: | 13633 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.4  | 46.4  | 69.6  |
| 67       | 87.0  | 66.7  | 100.1 |
| 52       | 34.8  | 24.6  | 37.0  |

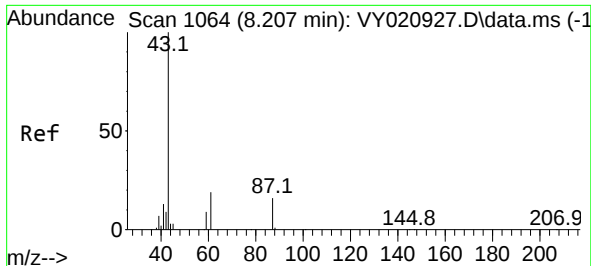


#42  
1,2-Dichloroethane  
Concen: 23.470 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38



| Tgt Ion: | 62    | Resp: | 50011 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.5  | 0.0   | 19.8  |





#43

Isopropyl Acetate

Concen: 24.293 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.006 min

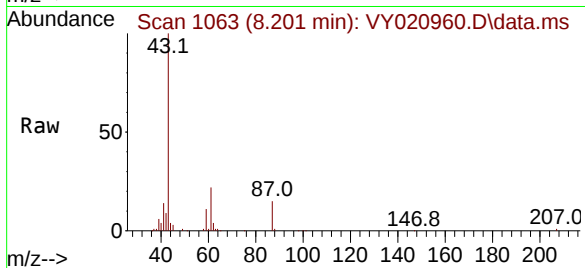
Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

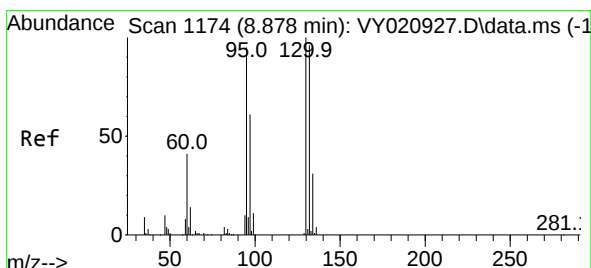
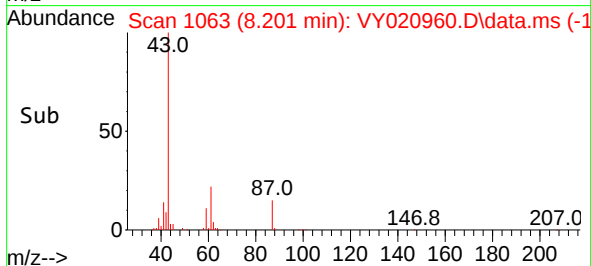
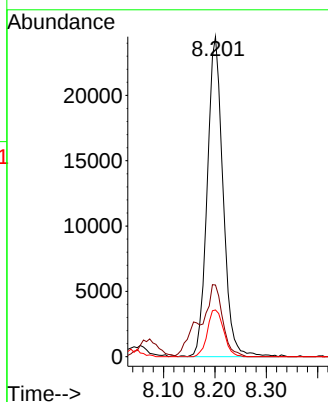
Instrument :

MSVOA\_Y

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 52171    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 32.3 26.0 39.0 |
| 87          | 15.1 12.4 18.6 |



#44

Trichloroethene

Concen: 22.154 ug/l

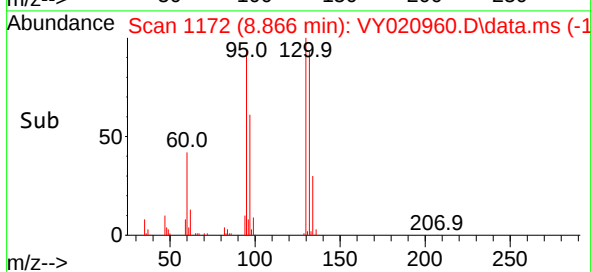
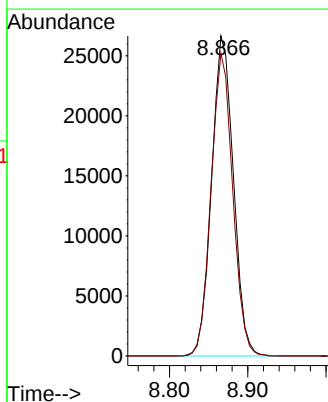
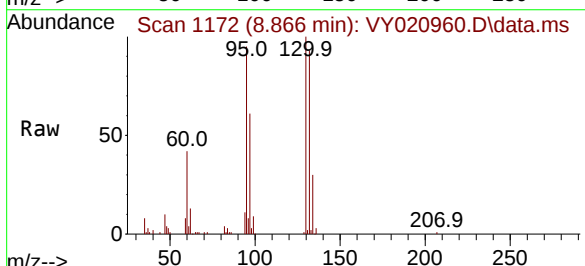
RT: 8.866 min Scan# 1172

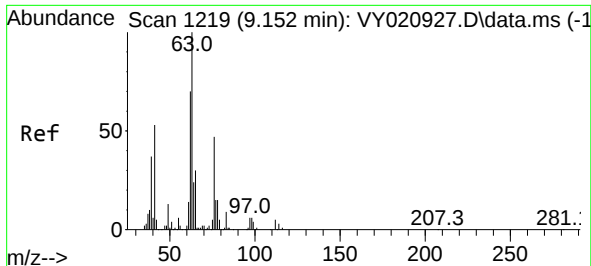
Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

|              |                |
|--------------|----------------|
| Tgt Ion: 130 | Resp: 51541    |
| Ion Ratio    | Lower Upper    |
| 130          | 100            |
| 95           | 94.6 0.0 189.4 |





#45

1,2-Dichloropropane

Concen: 22.901 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

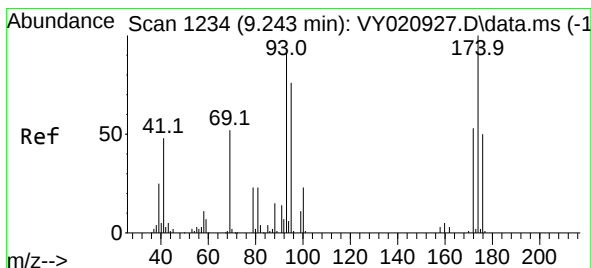
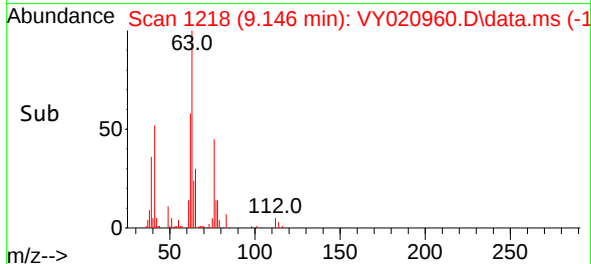
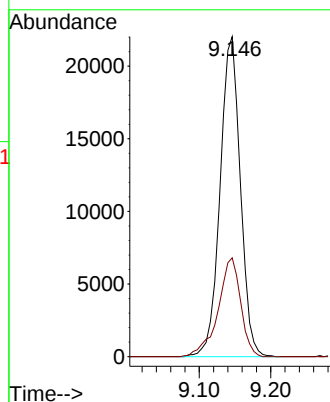
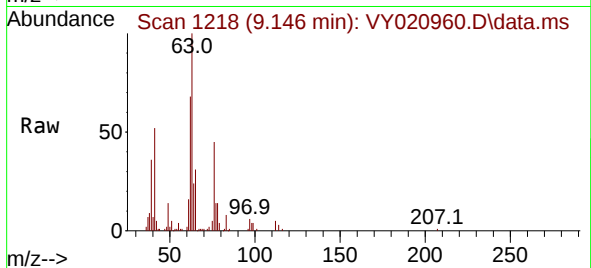
ClientSampleId :

Tgt Ion: 63 Resp: 43291

Ion Ratio Lower Upper

63 100

65 30.9 23.9 35.9



#46

Dibromomethane

Concen: 23.522 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

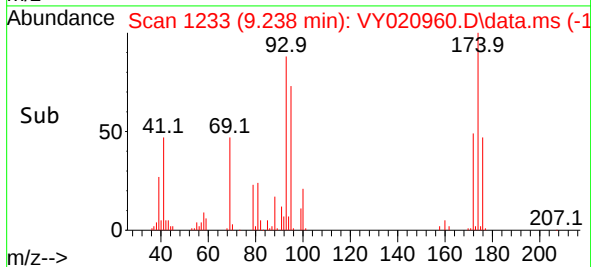
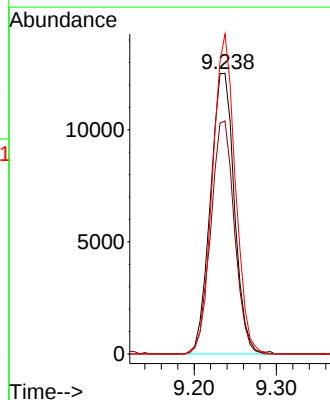
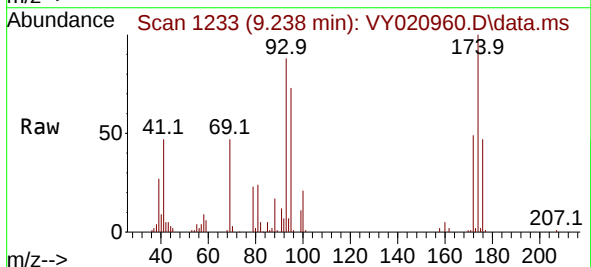
Tgt Ion: 93 Resp: 25278

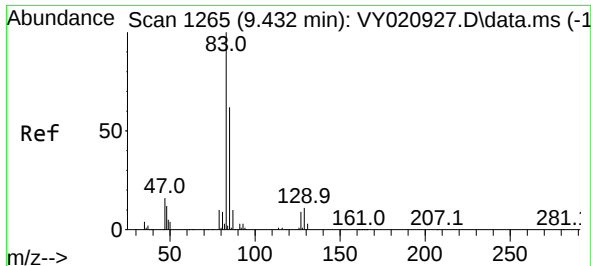
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

174 108.1 87.0 130.4





#47

Bromodichloromethane

Concen: 22.651 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

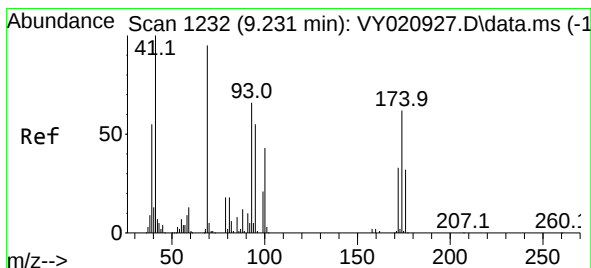
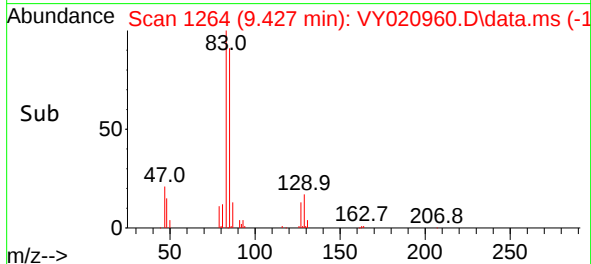
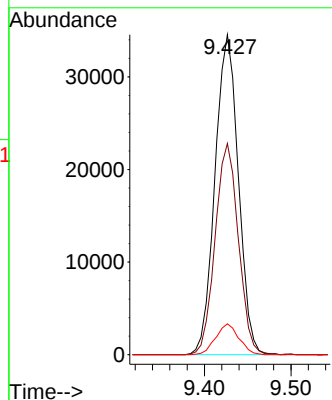
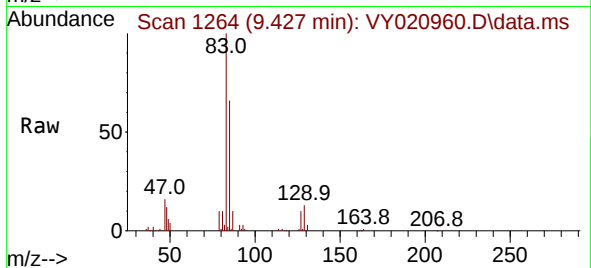
Tgt Ion: 83 Resp: 64769

Ion Ratio Lower Upper

83 100

85 66.0 49.3 73.9

127 9.7 7.4 11.0



#48

Methyl methacrylate

Concen: 22.474 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

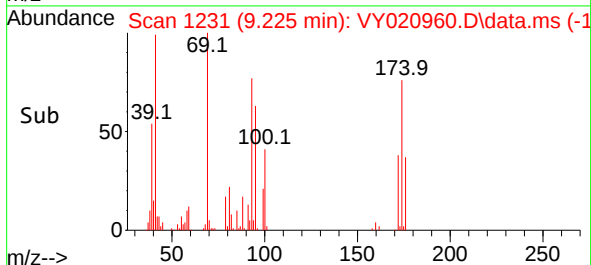
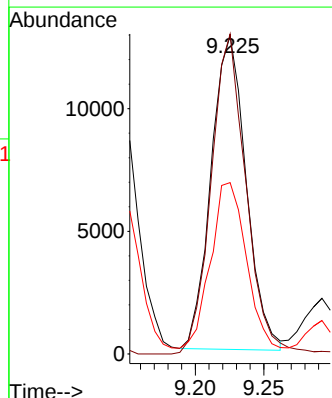
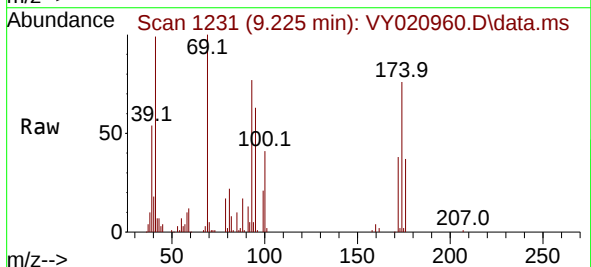
Tgt Ion: 41 Resp: 22768

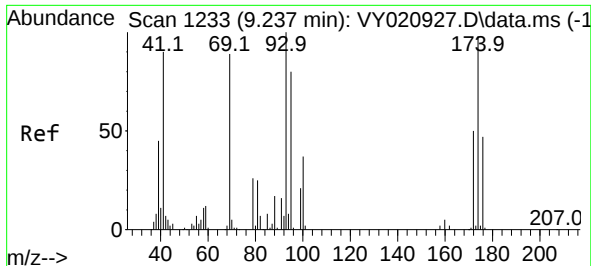
Ion Ratio Lower Upper

41 100

69 101.8 77.0 115.4

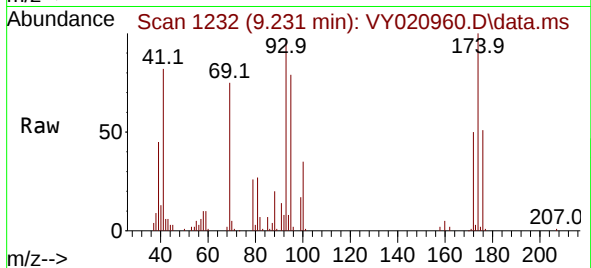
39 54.1 41.1 61.7



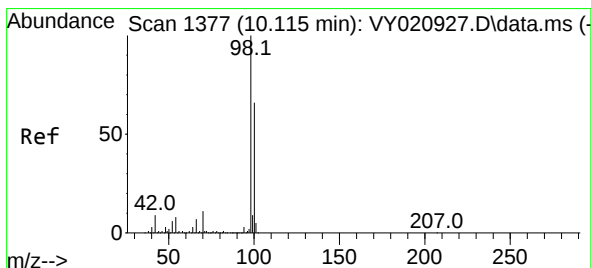
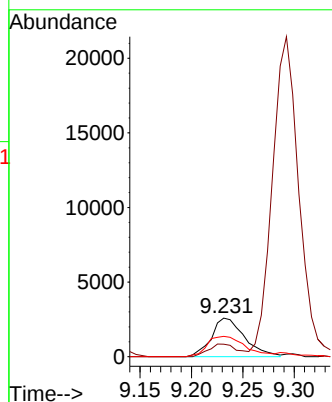
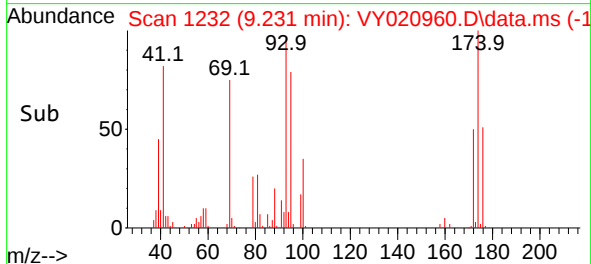


#49  
1,4-Dioxane  
Concen: 523.809 ug/l  
RT: 9.231 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

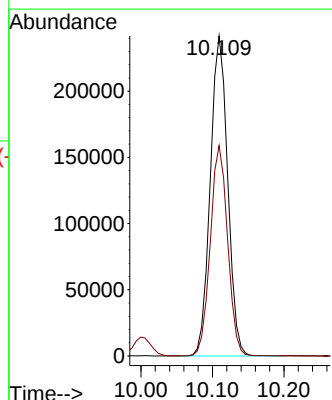
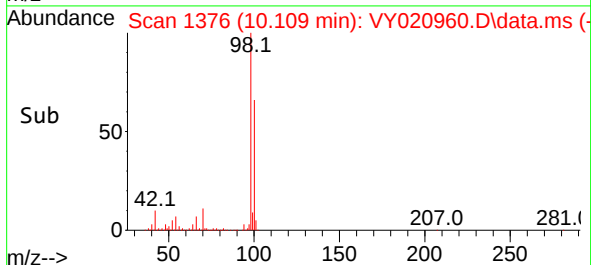
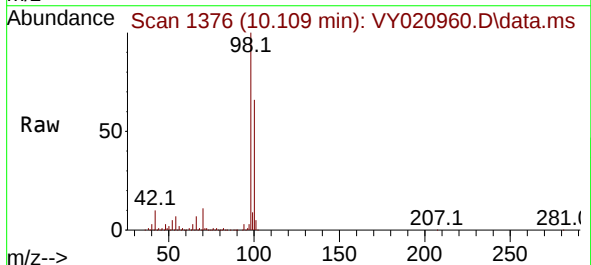


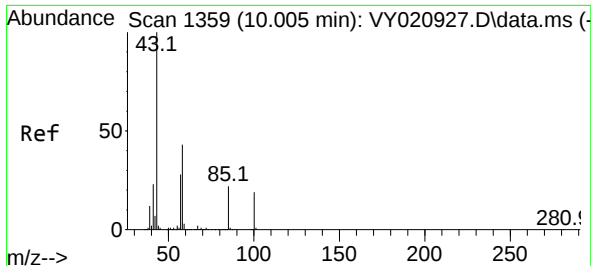
Tgt Ion: 88 Resp: 5796  
Ion Ratio Lower Upper  
88 100  
43 29.6 23.1 34.7  
58 60.6 49.0 73.6



#50  
Toluene-d8  
Concen: 50.408 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 98 Resp: 408785  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.3 78.5

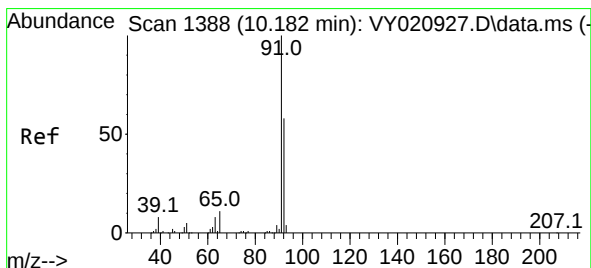
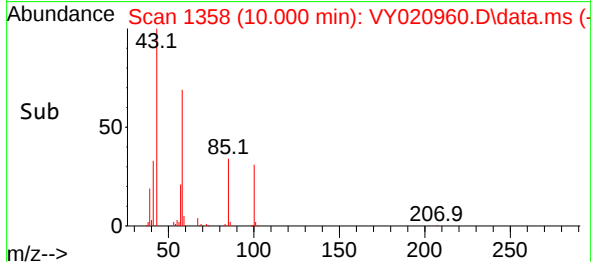
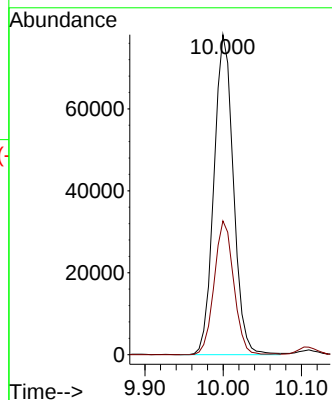
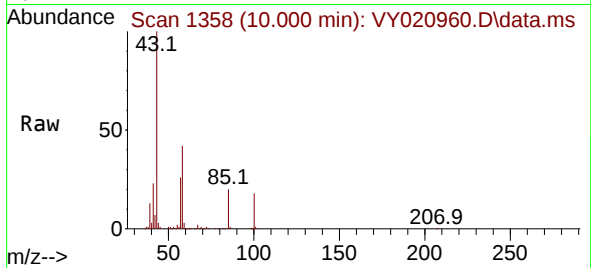




#51  
4-Methyl-2-Pentanone  
Concen: 124.681 ug/l  
RT: 10.000 min Scan# 1358  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

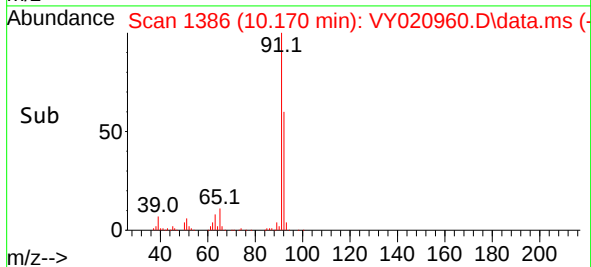
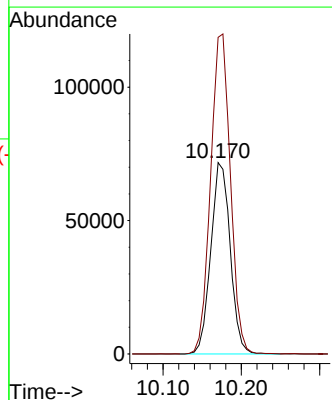
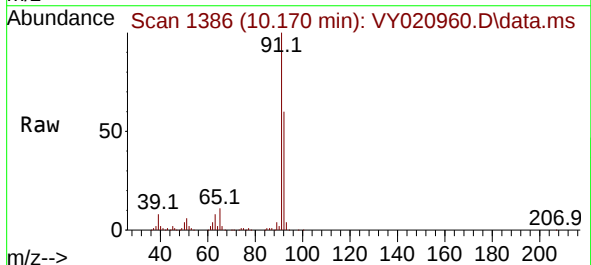
Instrument :  
MSVOA\_Y  
ClientSampleId :

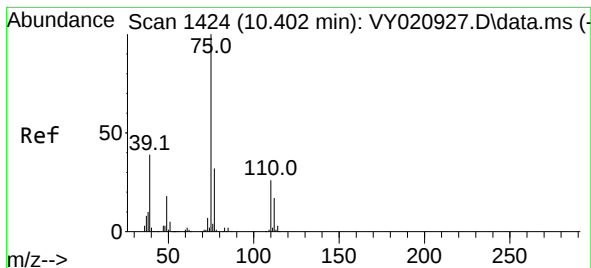
Tgt Ion: 43 Resp: 135014  
Ion Ratio Lower Upper  
43 100  
58 42.0 33.7 50.5



#52  
Toluene  
Concen: 22.385 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 92 Resp: 123290  
Ion Ratio Lower Upper  
92 100  
91 170.8 137.3 205.9

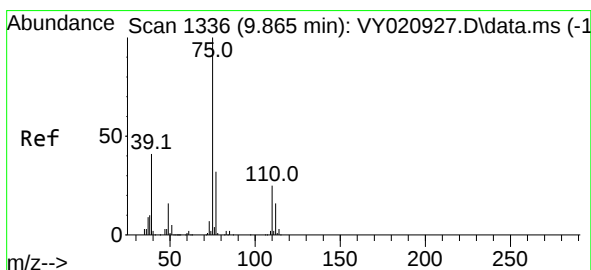
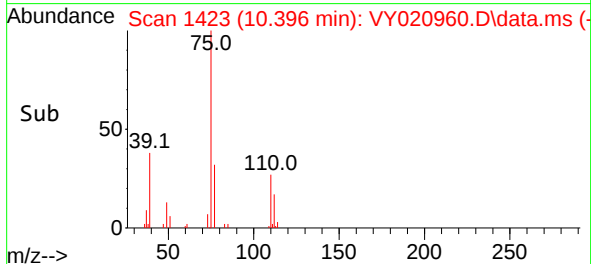
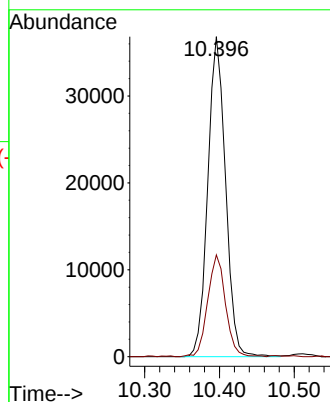
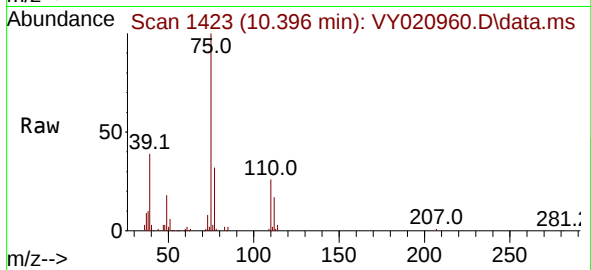




#53  
 t-1,3-Dichloropropene  
 Concen: 23.130 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. -0.006 min  
 Lab File: VY020960.D  
 Acq: 29 Jan 2025 10:38

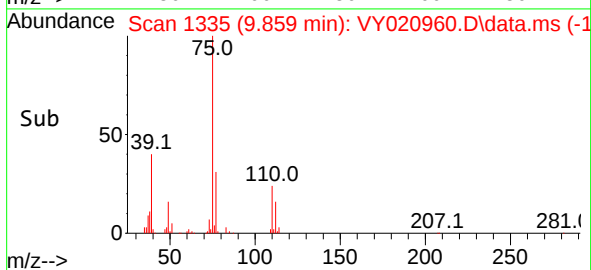
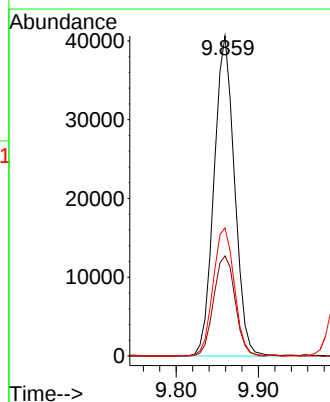
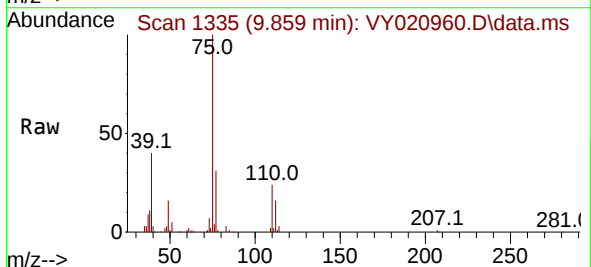
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

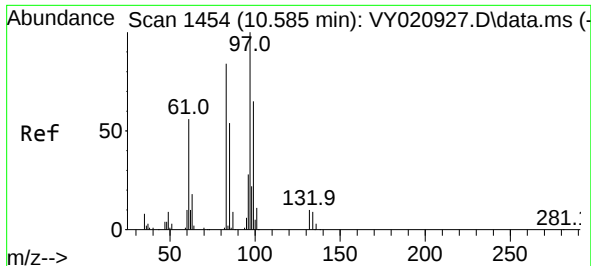
Tgt Ion: 75 Resp: 60642  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.478 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. -0.006 min  
 Lab File: VY020960.D  
 Acq: 29 Jan 2025 10:38

Tgt Ion: 75 Resp: 70370  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.7 38.5  
 39 40.1 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 23.545 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.012 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 34203

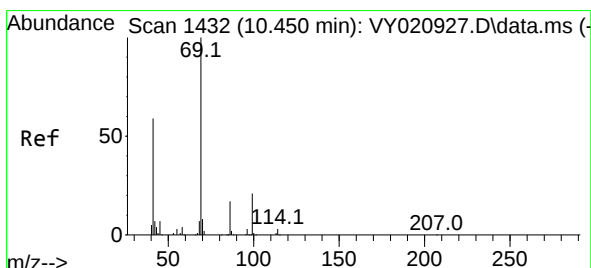
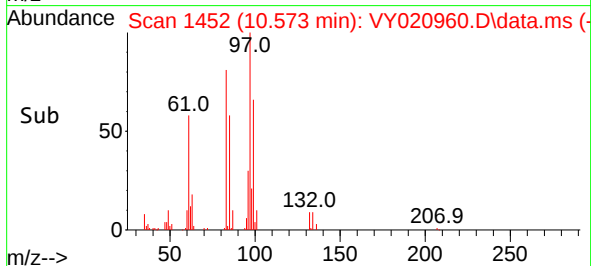
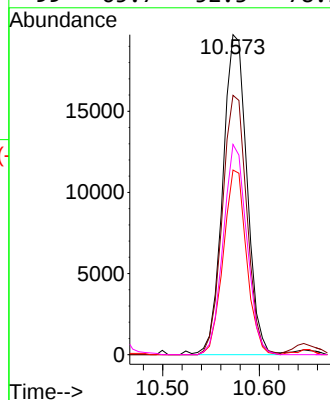
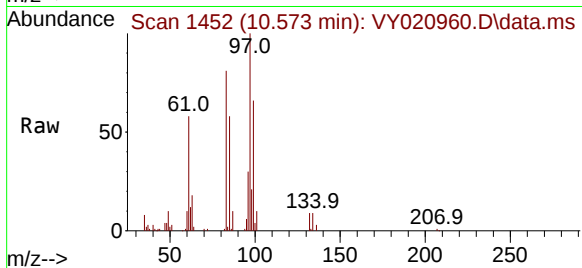
Ion Ratio Lower Upper

97 100

83 81.0 67.0 100.6

85 57.7 43.1 64.7

99 65.7 52.3 78.5



#56

Ethyl methacrylate

Concen: 23.712 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

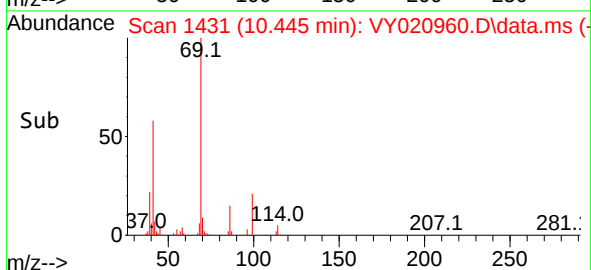
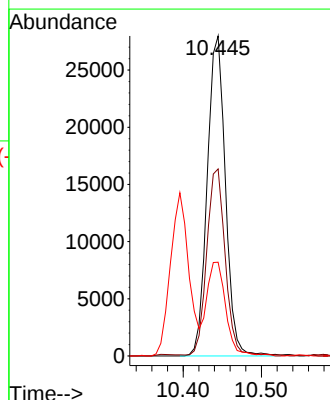
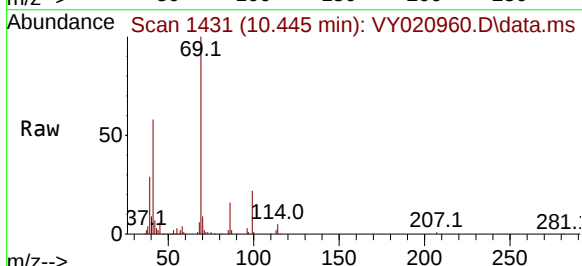
Tgt Ion: 69 Resp: 45142

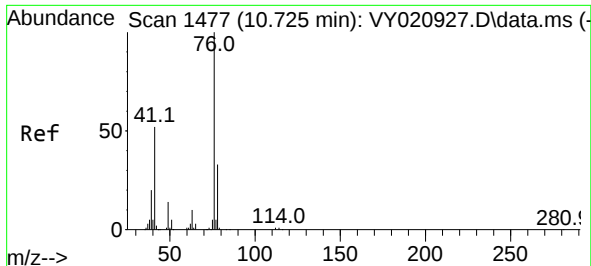
Ion Ratio Lower Upper

69 100

41 59.9 46.6 70.0

39 31.0 23.9 35.9





#57

1,3-Dichloropropane

Concen: 23.577 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

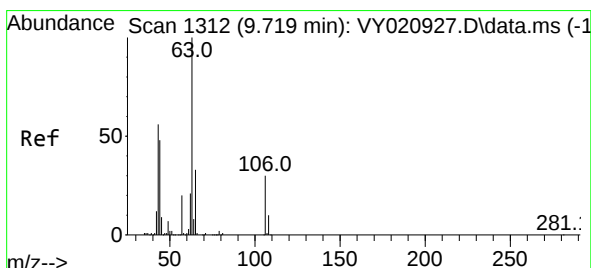
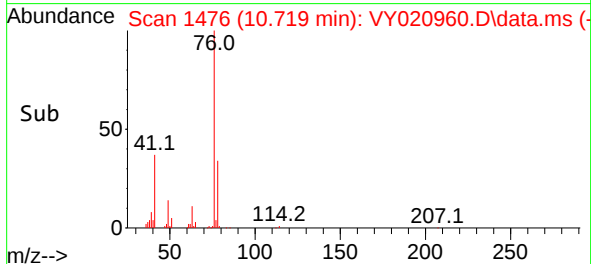
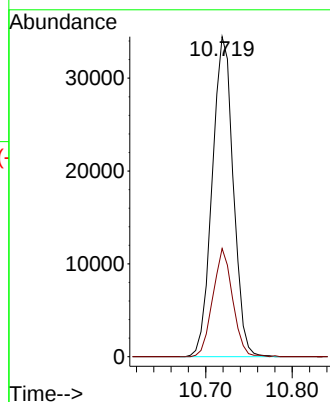
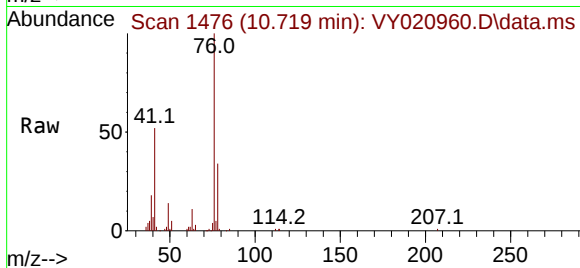
ClientSampleId :

Tgt Ion: 76 Resp: 58183

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 118.356 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020960.D

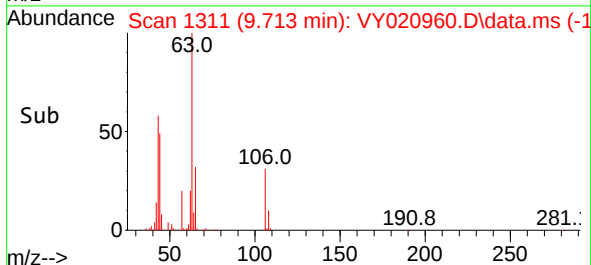
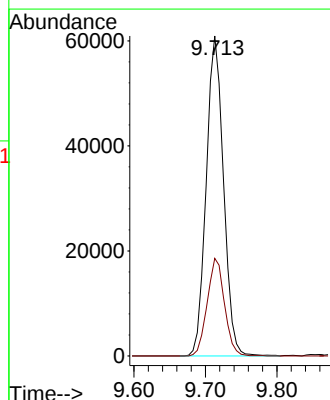
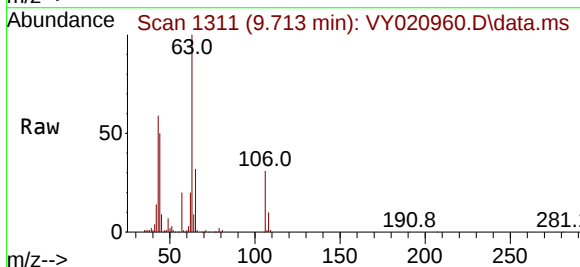
Acq: 29 Jan 2025 10:38

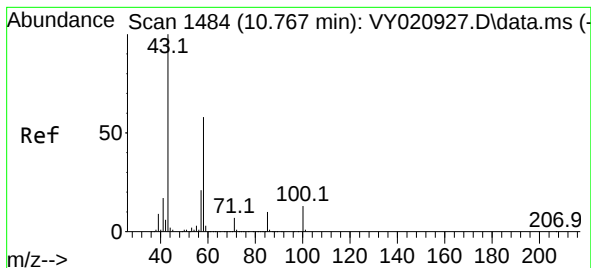
Tgt Ion: 63 Resp: 102267

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1

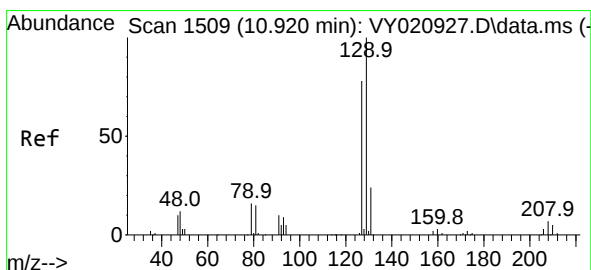
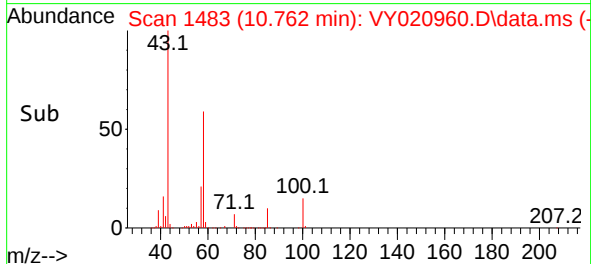
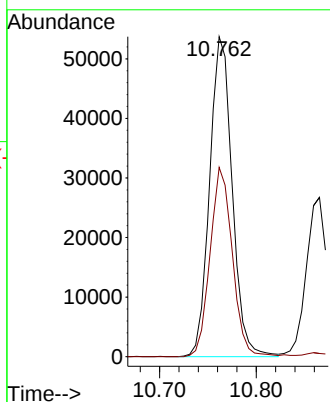
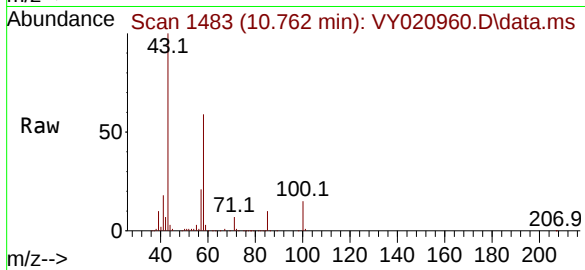




#59  
2-Hexanone  
Concen: 124.941 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

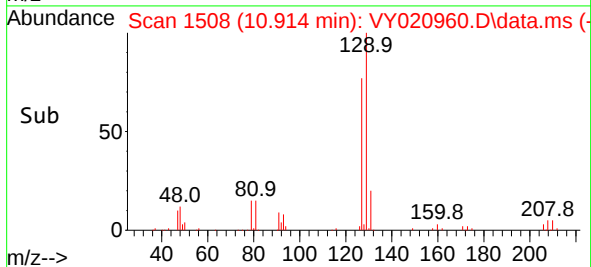
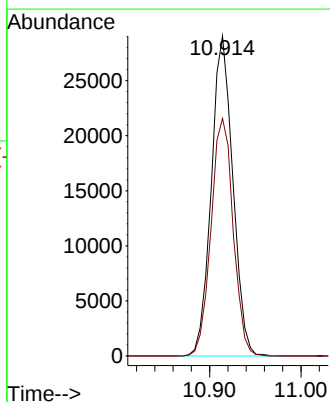
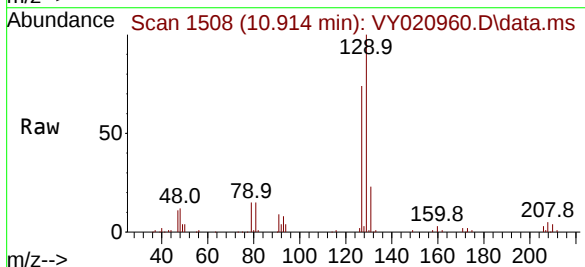
Instrument :  
MSVOA\_Y  
ClientSampleId :

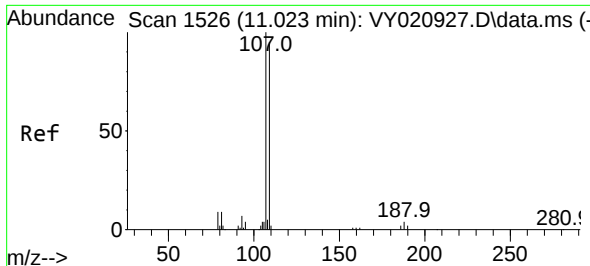
Tgt Ion: 43 Resp: 86999  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.9 89.8



#60  
Dibromochloromethane  
Concen: 23.232 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion:129 Resp: 47497  
Ion Ratio Lower Upper  
129 100  
127 76.1 39.2 117.6

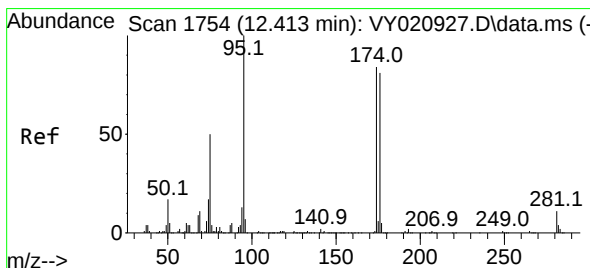
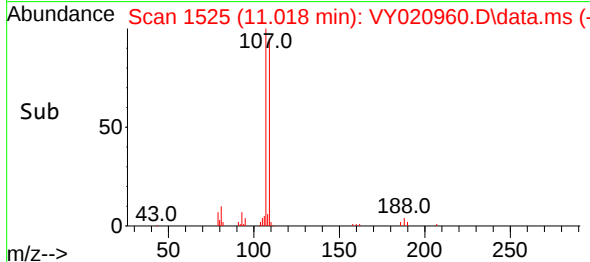
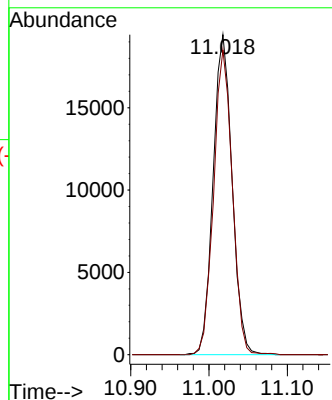
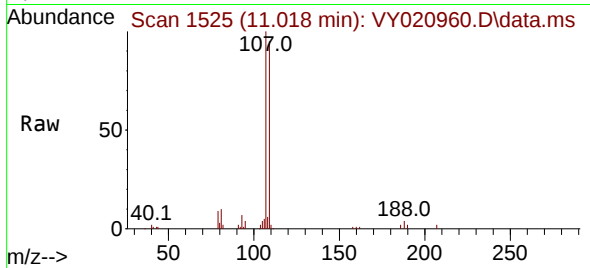




#61  
1,2-Dibromoethane  
Concen: 23.505 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

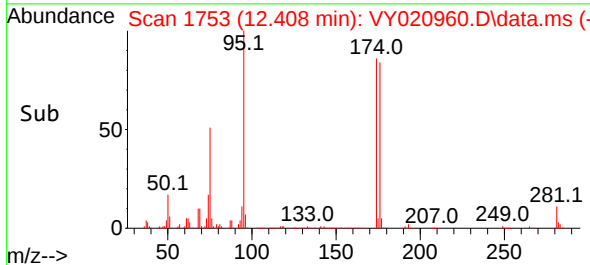
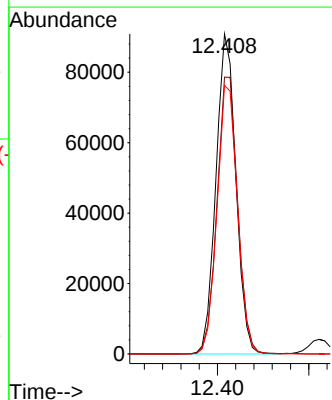
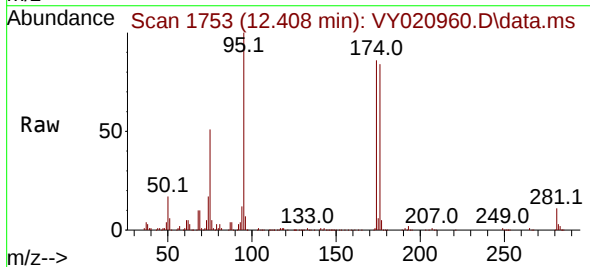
Instrument :  
MSVOA\_Y  
ClientSampleId :

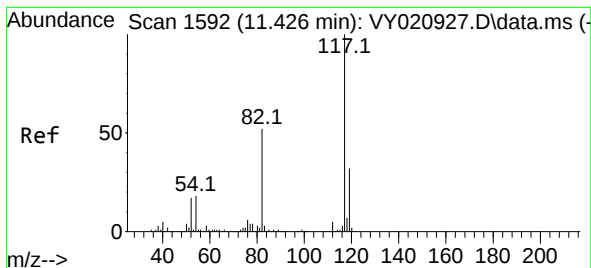
Tgt Ion:107 Resp: 32658  
Ion Ratio Lower Upper  
107 100  
109 94.1 76.3 114.5



#62  
4-Bromofluorobenzene  
Concen: 50.881 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 95 Resp: 137324  
Ion Ratio Lower Upper  
95 100  
174 90.2 0.0 177.4  
176 86.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

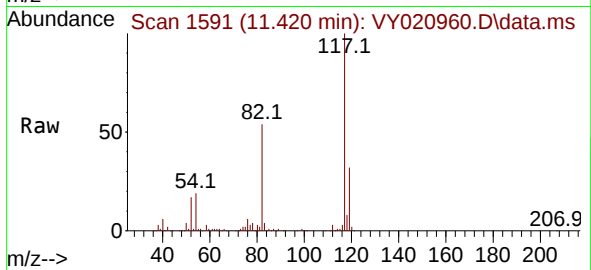
Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :



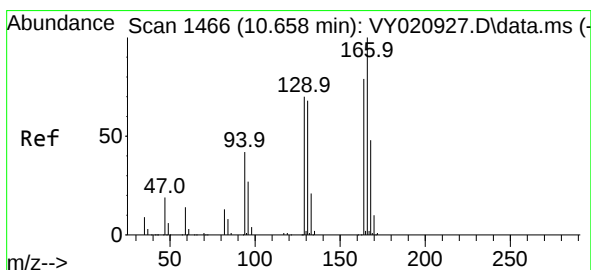
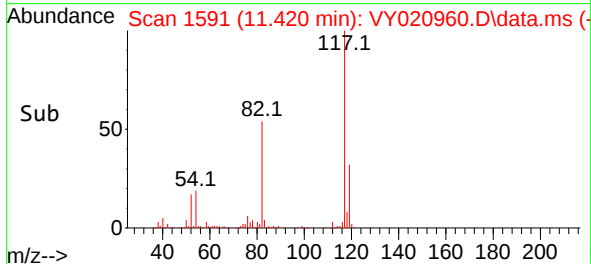
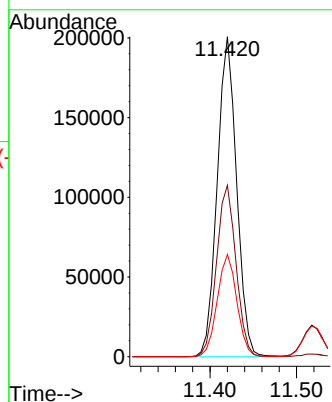
Tgt Ion:117 Resp: 311959

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

119 31.9 26.0 39.0



#64

Tetrachloroethene

Concen: 21.965 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Tgt Ion:164 Resp: 47686

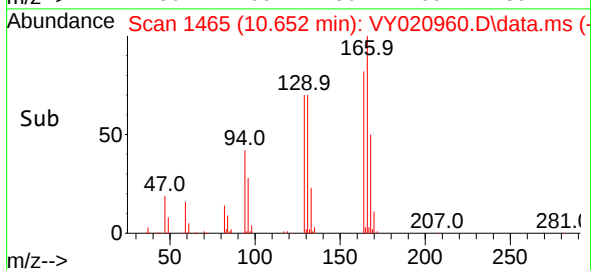
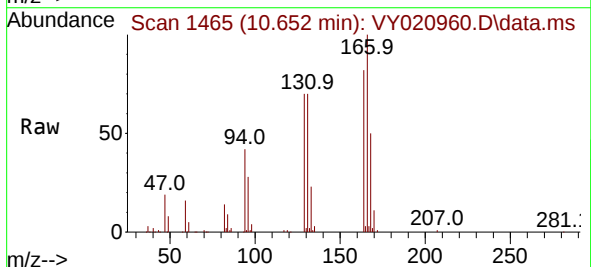
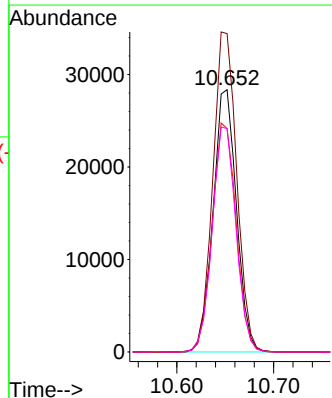
Ion Ratio Lower Upper

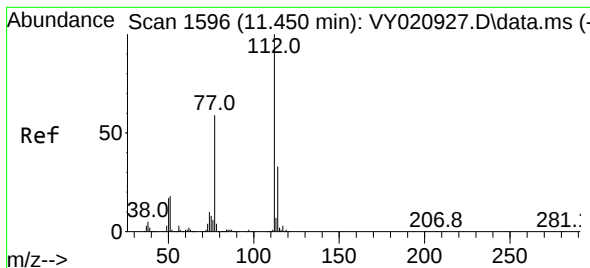
164 100

166 121.4 101.0 151.6

129 85.2 70.8 106.2

131 85.2 68.6 103.0





#65

Chlorobenzene

Concen: 21.992 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

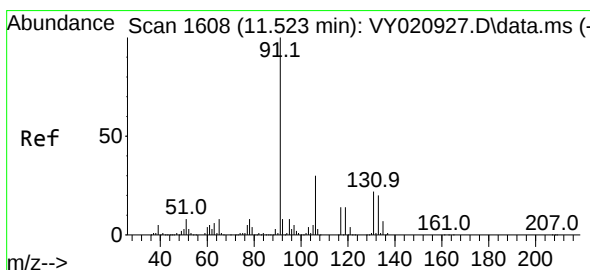
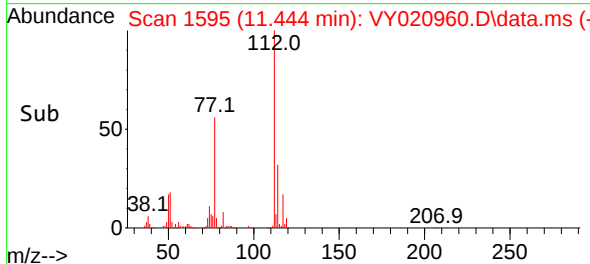
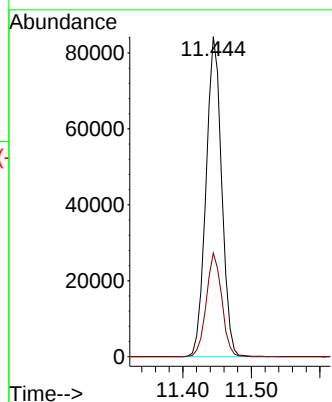
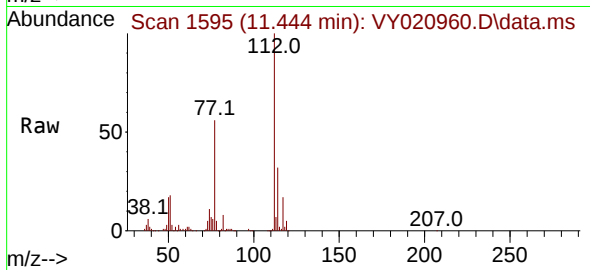
ClientSampleId :

Tgt Ion:112 Resp: 134162

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.972 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

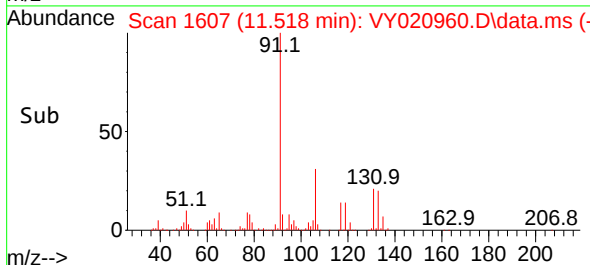
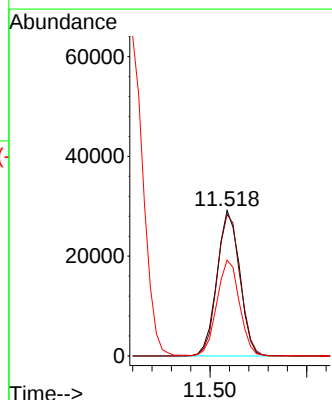
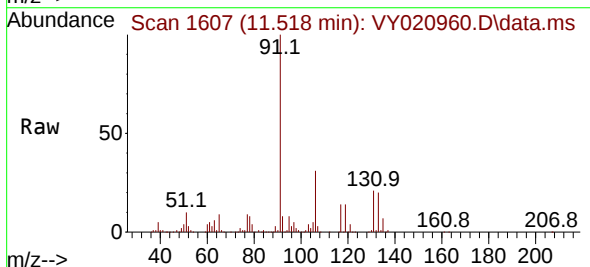
Tgt Ion:131 Resp: 47631

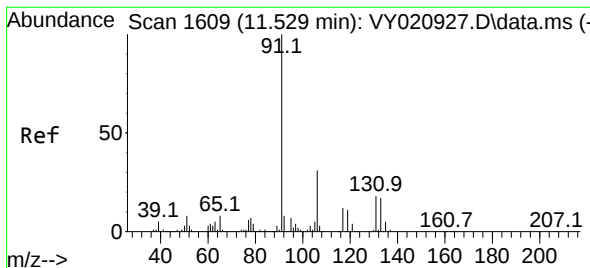
Ion Ratio Lower Upper

131 100

133 98.5 47.5 142.6

119 65.4 31.2 93.6





#67

Ethyl Benzene

Concen: 22.067 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

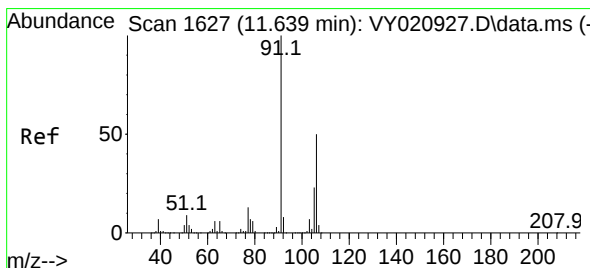
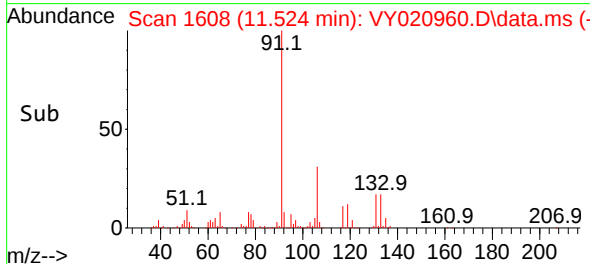
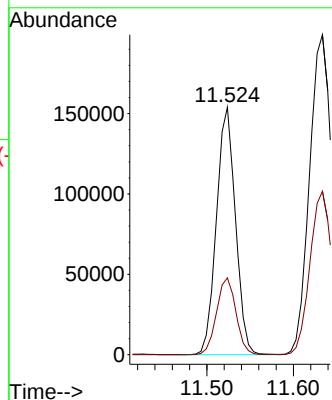
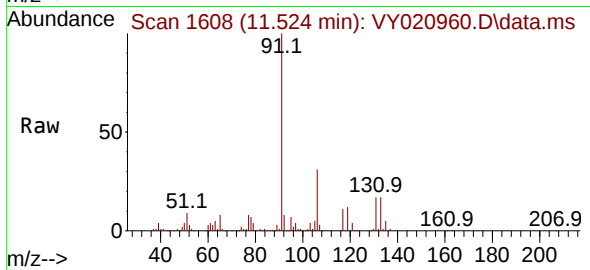
ClientSampleId :

Tgt Ion: 91 Resp: 234905

Ion Ratio Lower Upper

91 100

106 31.0 25.2 37.8



#68

m/p-Xylenes

Concen: 44.606 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.006 min

Lab File: VY020960.D

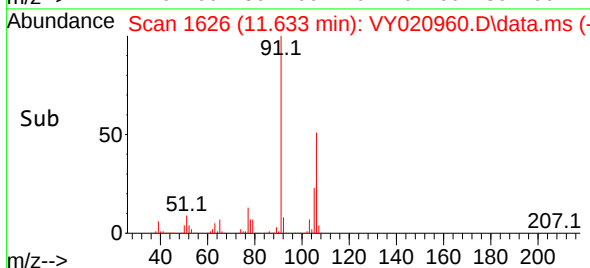
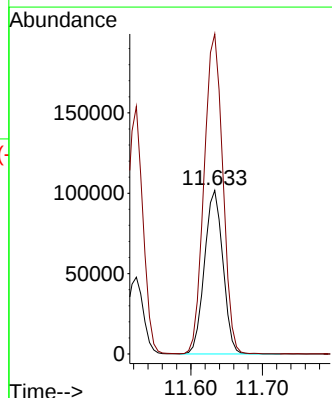
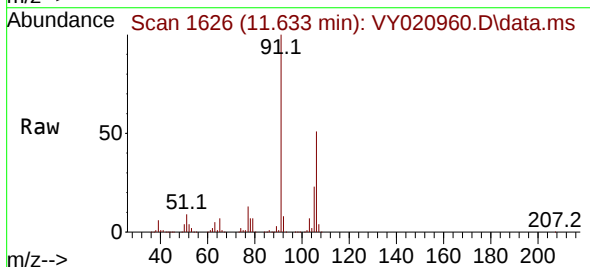
Acq: 29 Jan 2025 10:38

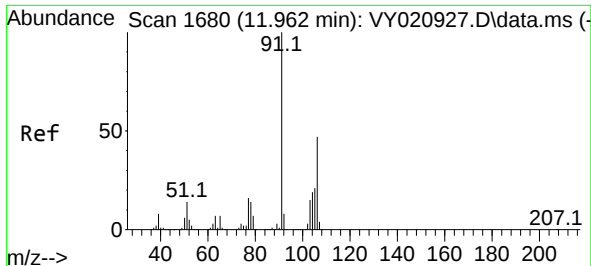
Tgt Ion:106 Resp: 181816

Ion Ratio Lower Upper

106 100

91 198.9 159.5 239.3

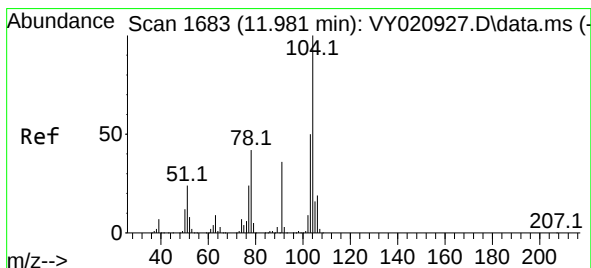
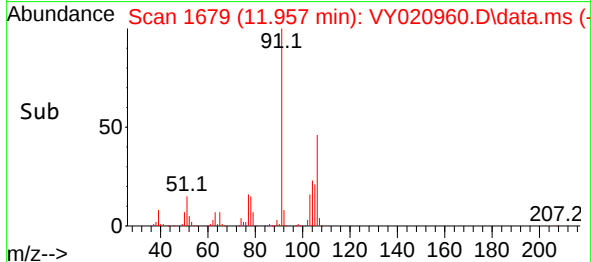
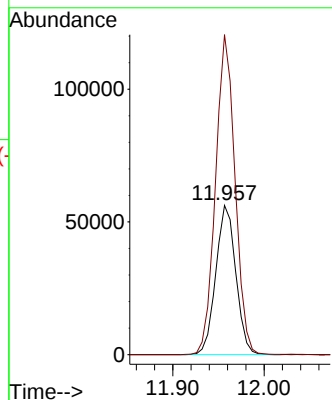
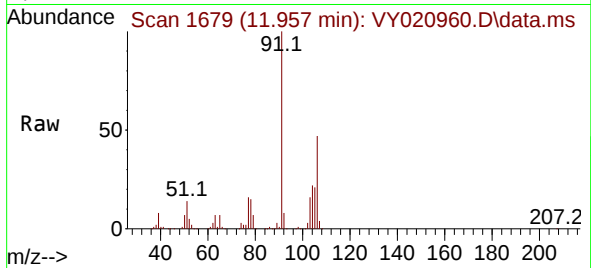




#69  
o-Xylene  
Concen: 22.471 ug/l  
RT: 11.957 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

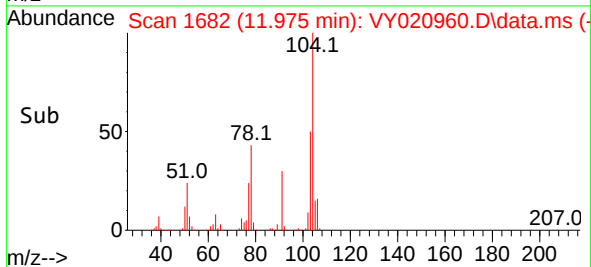
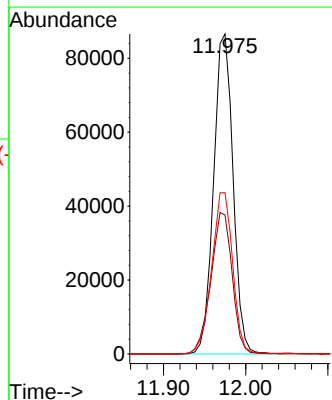
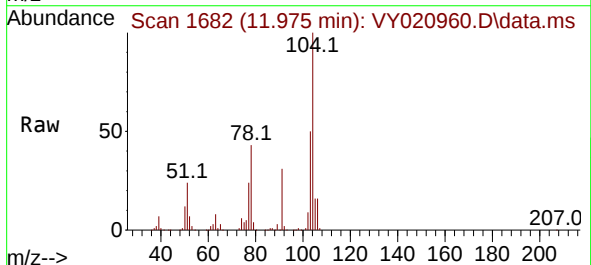
Instrument :  
MSVOA\_Y  
ClientSampleId :

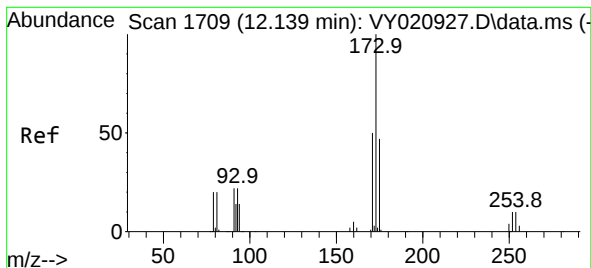
Tgt Ion:106 Resp: 85556  
Ion Ratio Lower Upper  
106 100  
91 209.1 105.3 315.9



#70  
Styrene  
Concen: 22.793 ug/l  
RT: 11.975 min Scan# 1682  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion:104 Resp: 142225  
Ion Ratio Lower Upper  
104 100  
78 48.4 38.5 57.7  
103 54.6 43.4 65.2





#71

Bromoform

Concen: 23.836 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

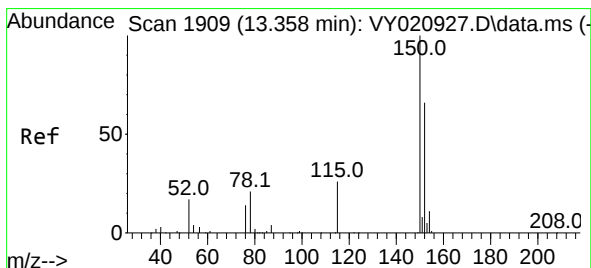
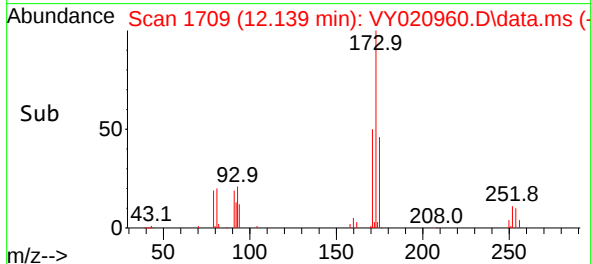
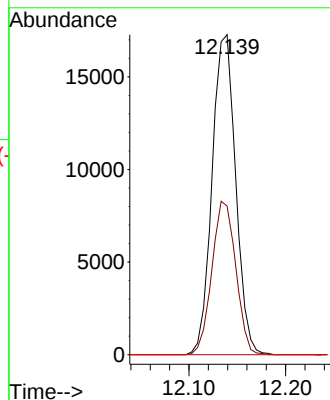
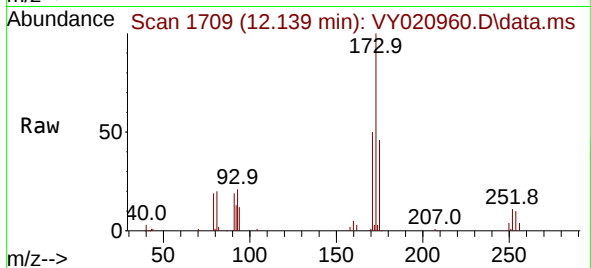
Tgt Ion:173 Resp: 29259

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

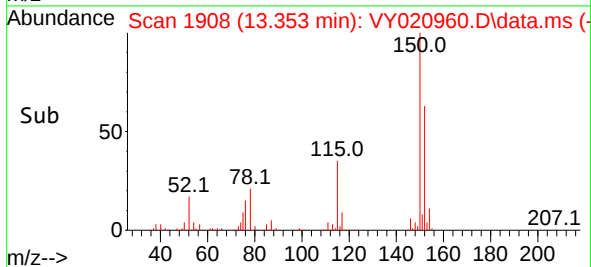
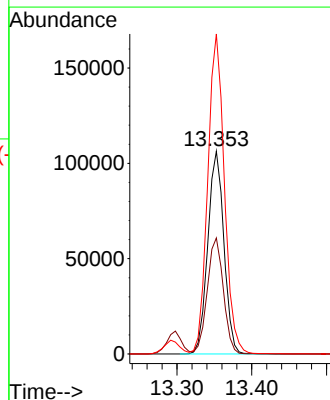
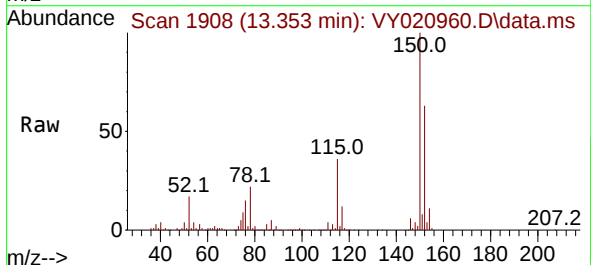
Tgt Ion:152 Resp: 159108

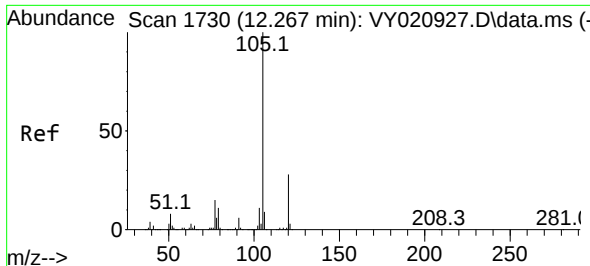
Ion Ratio Lower Upper

152 100

115 56.7 29.0 87.0

150 162.9 0.0 347.6

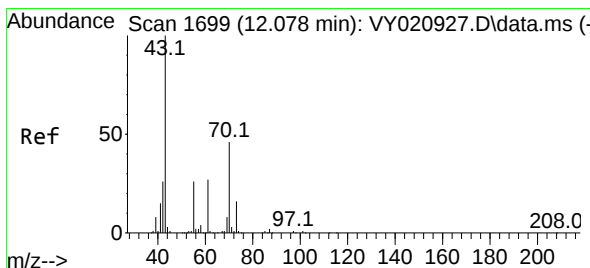
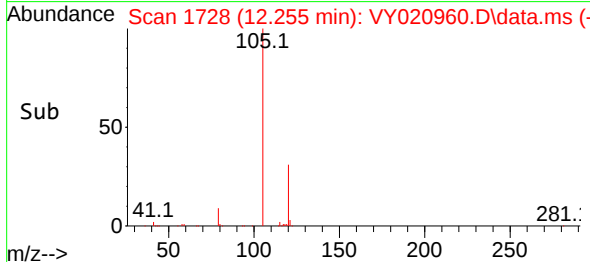
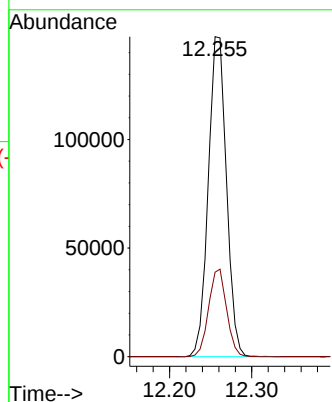
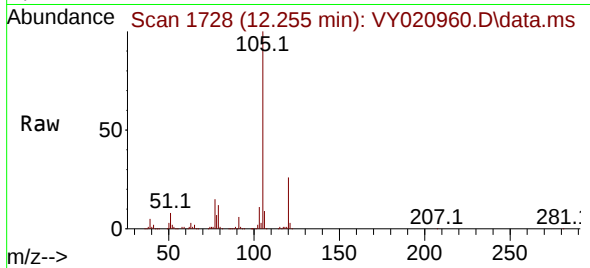




#73  
Isopropylbenzene  
Concen: 20.650 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

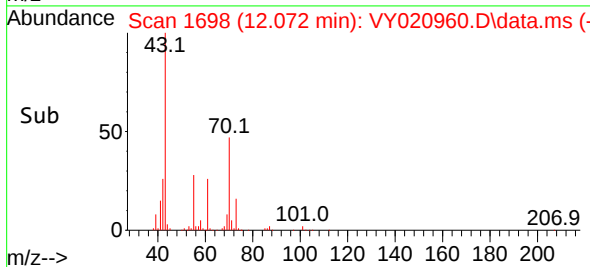
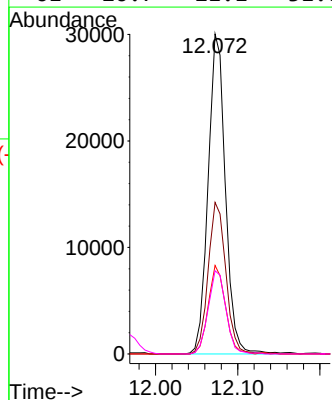
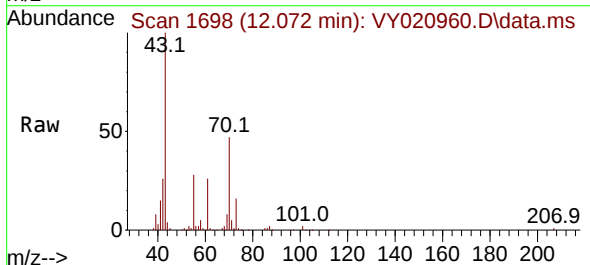
Instrument :  
MSVOA\_Y  
ClientSampleId :

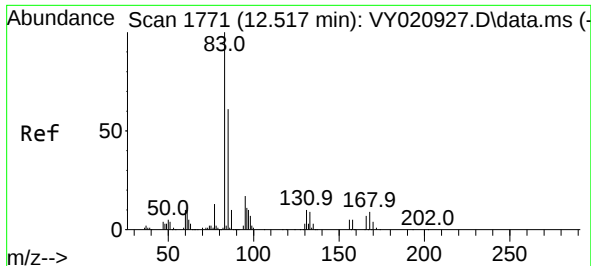
Tgt Ion:105 Resp: 226281  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.1



#74  
N-ethyl acetate  
Concen: 22.474 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 43 Resp: 43822  
Ion Ratio Lower Upper  
43 100  
70 48.8 38.7 58.1  
55 27.5 21.6 32.4  
61 26.7 21.1 31.7

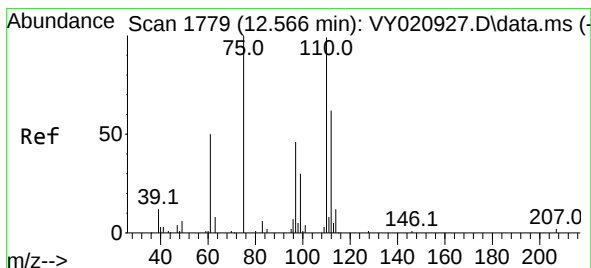
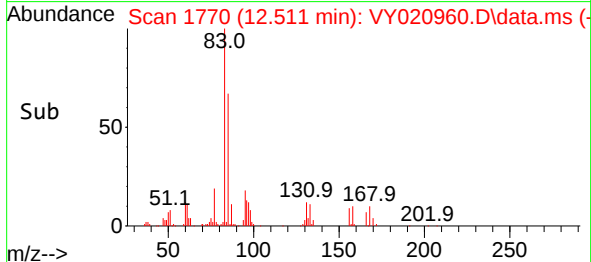
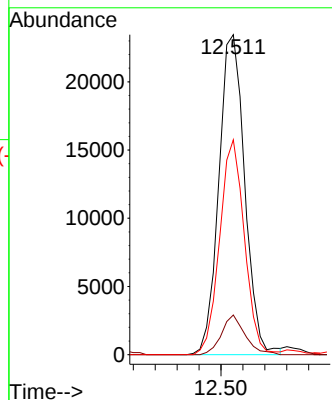
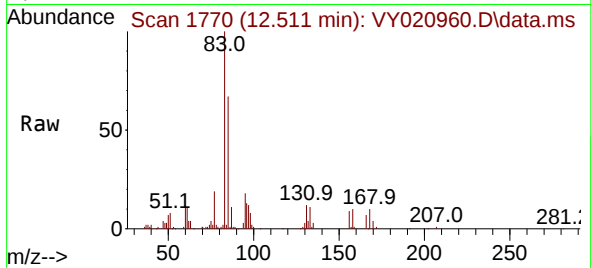




#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.541 ug/l  
RT: 12.511 min Scan# 1770  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

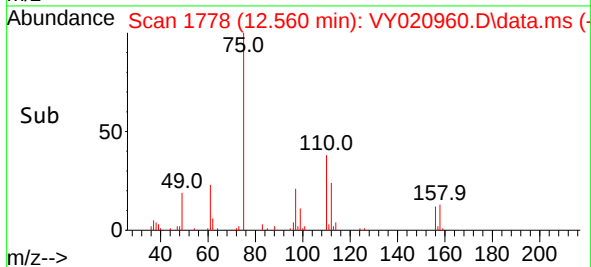
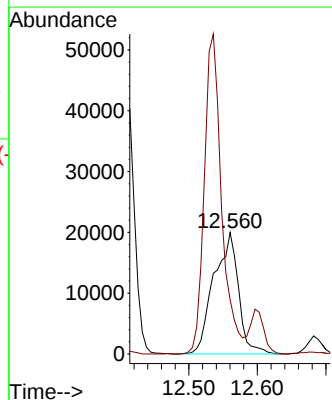
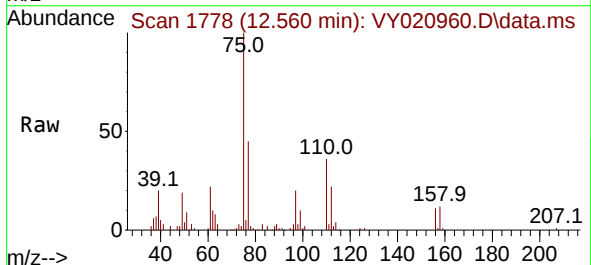
Instrument :  
MSVOA\_Y  
ClientSampleId :

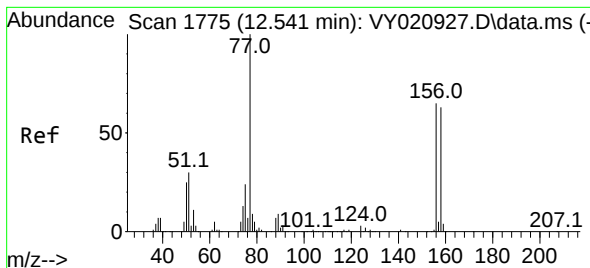
Tgt Ion: 83 Resp: 38431  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.5 16.7  
85 64.3 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 44.280 ug/l  
RT: 12.560 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 75 Resp: 49813  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.509 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020960.D

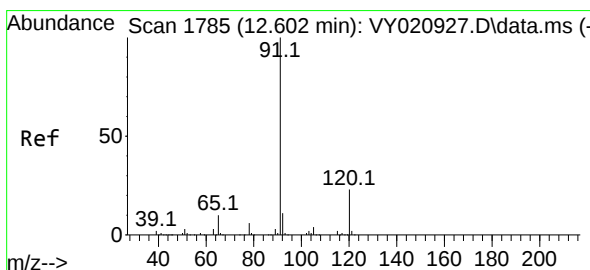
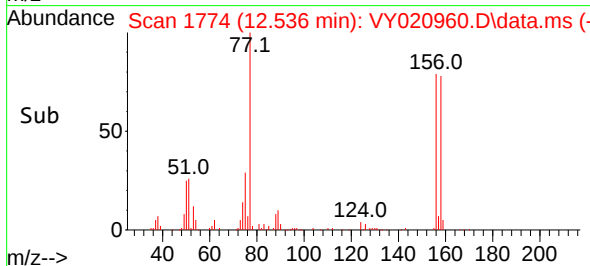
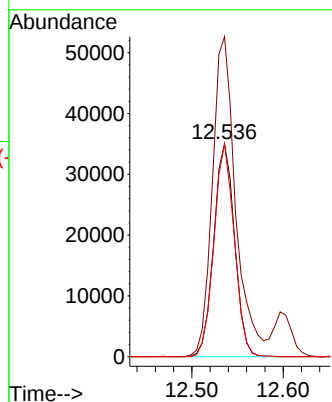
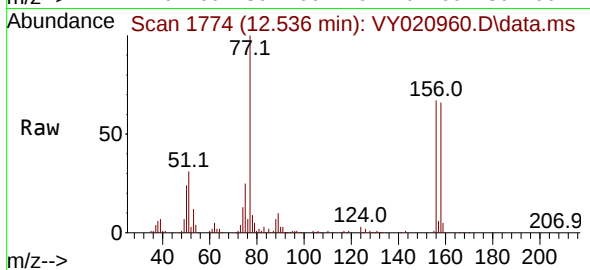
Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 55250 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 167.6 | 84.4  | 253.1 |
| 158       | 97.7  | 48.9  | 146.6 |



#78

n-propylbenzene

Concen: 20.962 ug/l

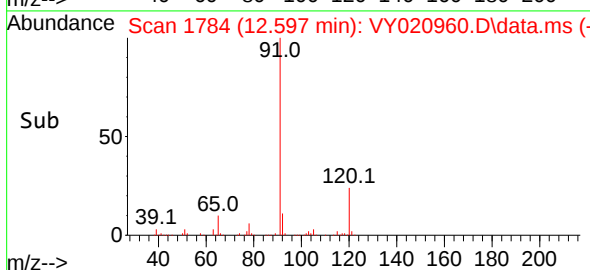
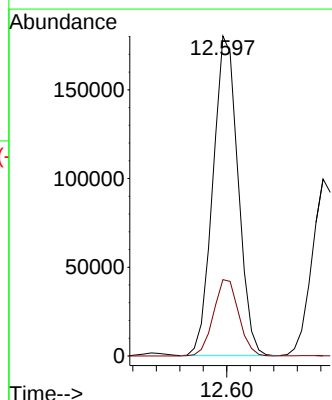
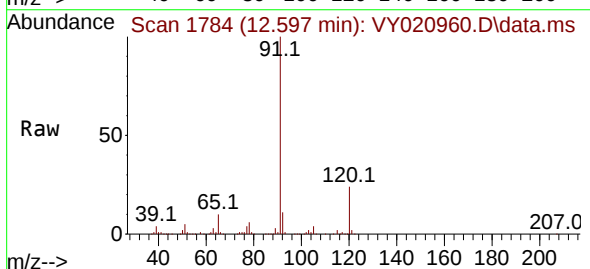
RT: 12.597 min Scan# 1784

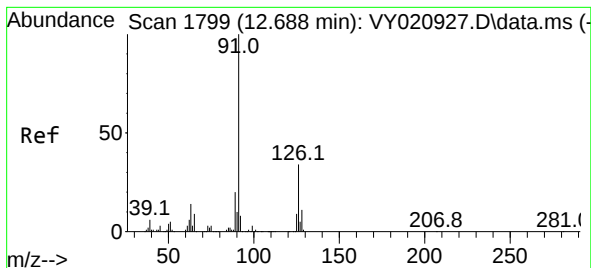
Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 267561 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.0  | 11.8  | 35.4   |

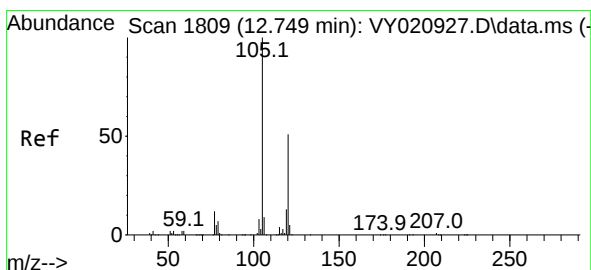
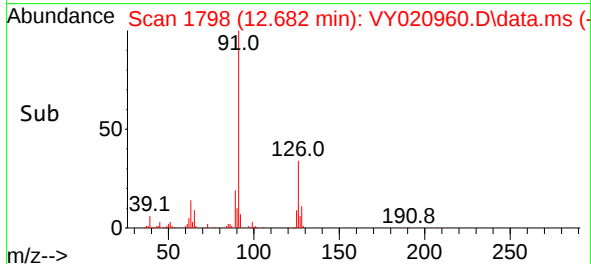
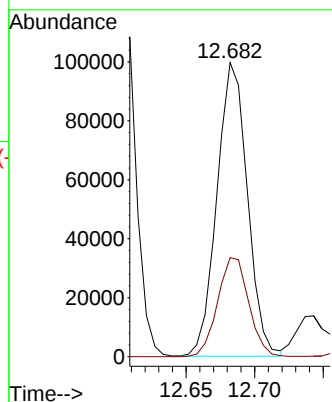
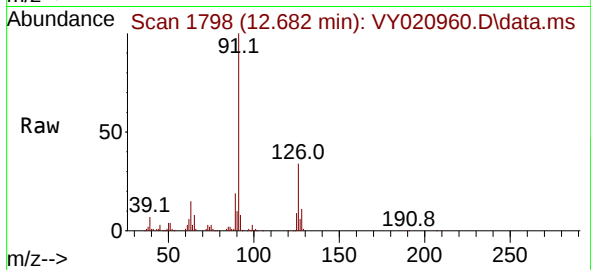




#79  
2-Chlorotoluene  
Concen: 21.294 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

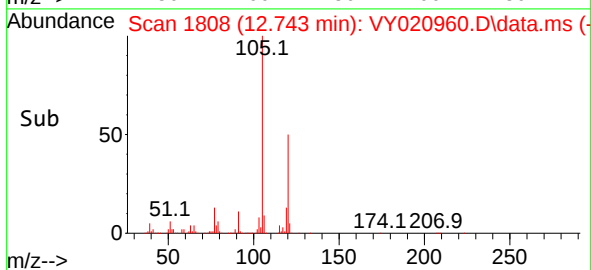
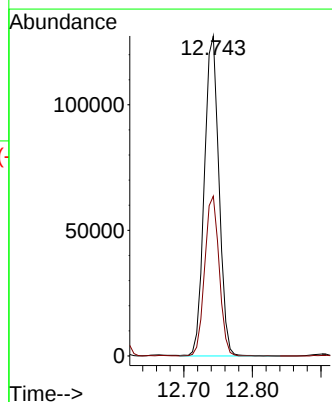
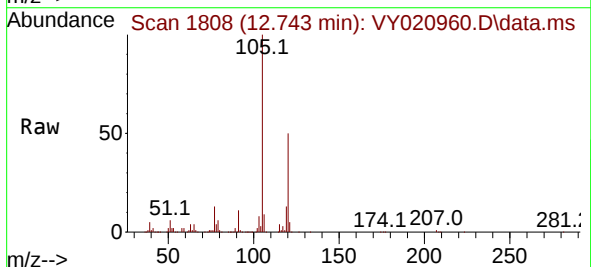
Instrument :  
MSVOA\_Y  
ClientSampleId :

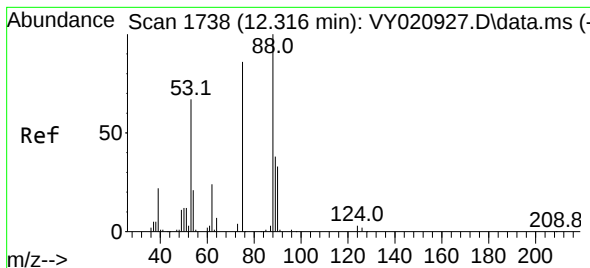
Tgt Ion: 91 Resp: 154159  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.6 52.9



#80  
1,3,5-Trimethylbenzene  
Concen: 21.506 ug/l  
RT: 12.743 min Scan# 1808  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 105 Resp: 189360  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.9 74.6

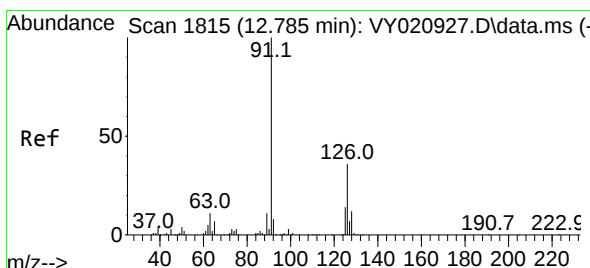
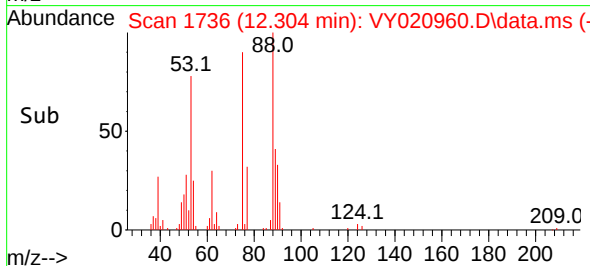
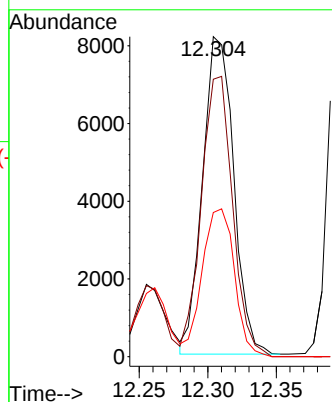
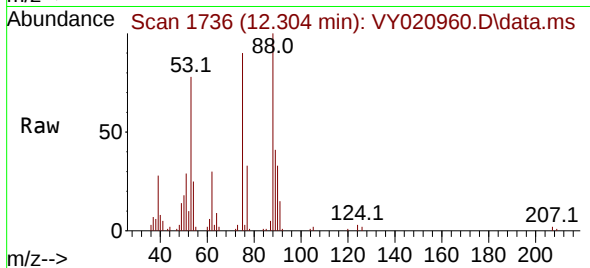




#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.120 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

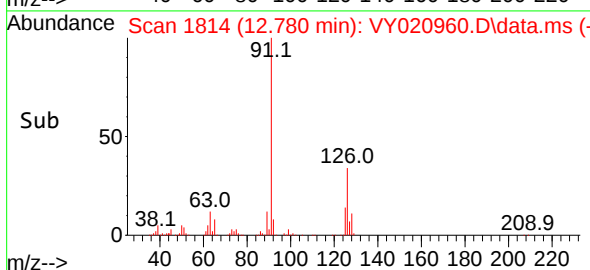
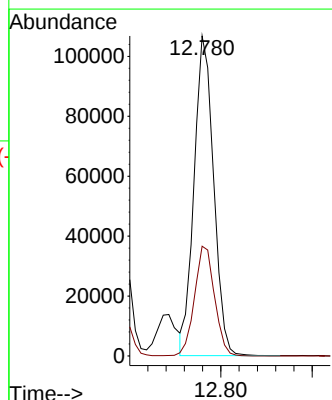
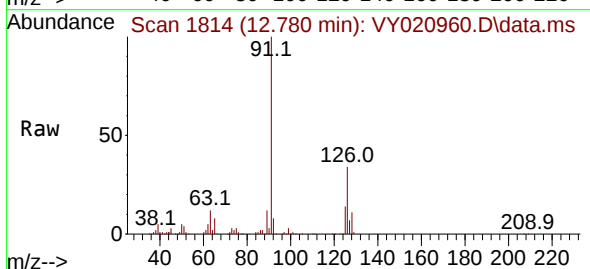
Instrument :  
MSVOA\_Y  
ClientSampleId :

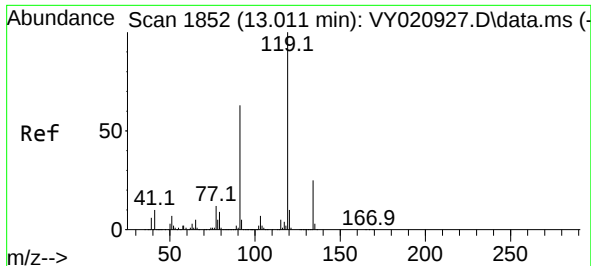
Tgt Ion: 75 Resp: 12880  
Ion Ratio Lower Upper  
75 100  
53 88.9 67.7 101.5  
89 48.5 38.4 57.6



#82  
4-Chlorotoluene  
Concen: 21.420 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 91 Resp: 158352  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.4 52.3

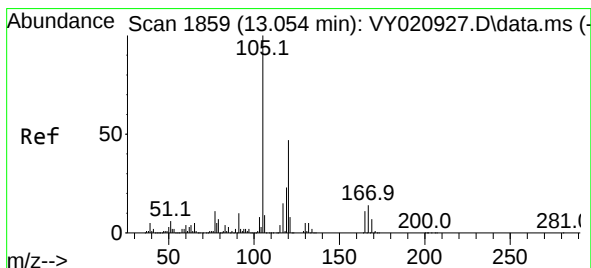
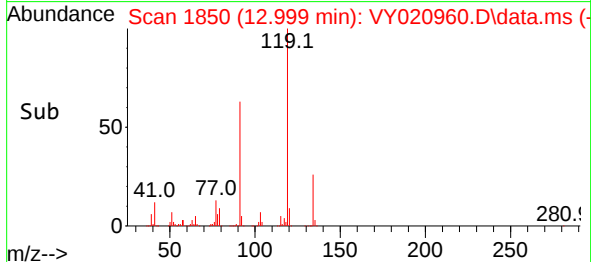
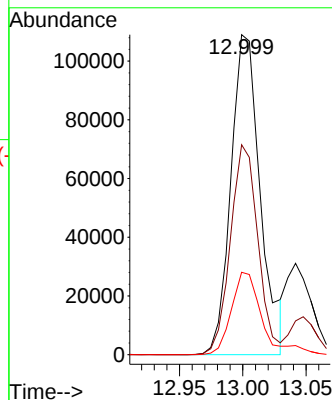
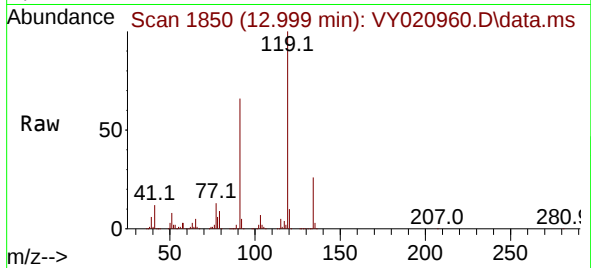




#83  
tert-Butylbenzene  
Concen: 21.685 ug/l  
RT: 12.999 min Scan# 1850  
Delta R.T. -0.012 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

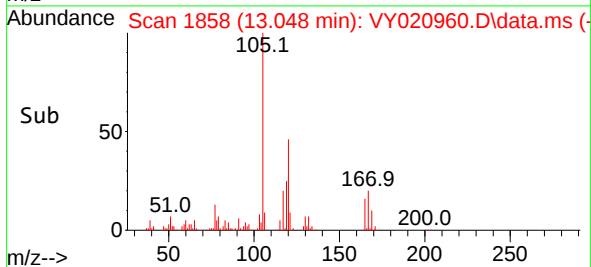
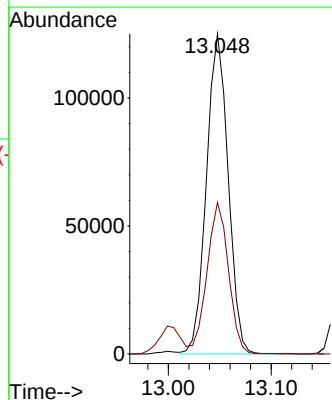
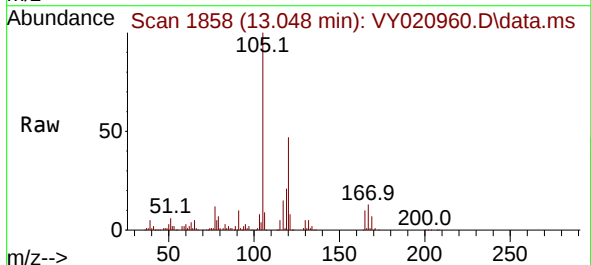
Instrument :  
MSVOA\_Y  
ClientSampleId :

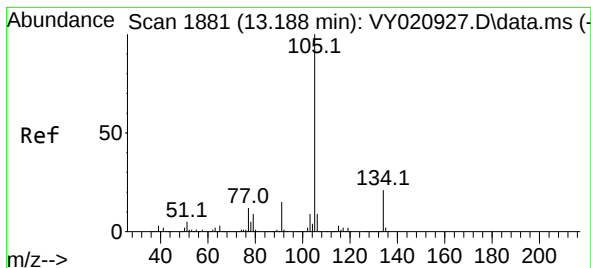
Tgt Ion:119 Resp: 176118  
Ion Ratio Lower Upper  
119 100  
91 61.7 30.9 92.8  
134 26.8 13.1 39.3



#84  
1,2,4-Trimethylbenzene  
Concen: 21.193 ug/l  
RT: 13.048 min Scan# 1858  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion:105 Resp: 183708  
Ion Ratio Lower Upper  
105 100  
120 46.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.935 ug/l

RT: 13.182 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

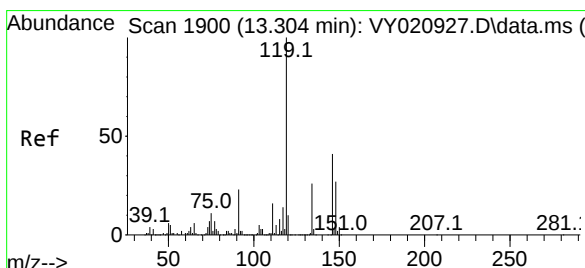
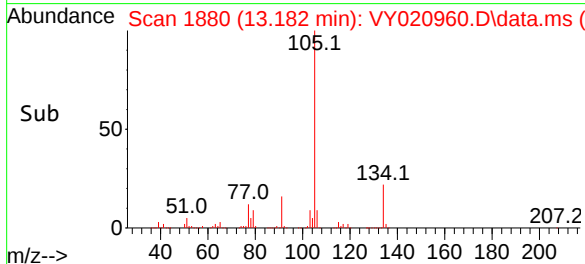
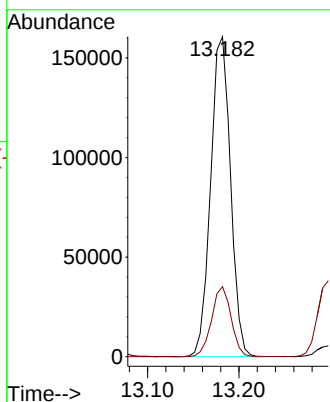
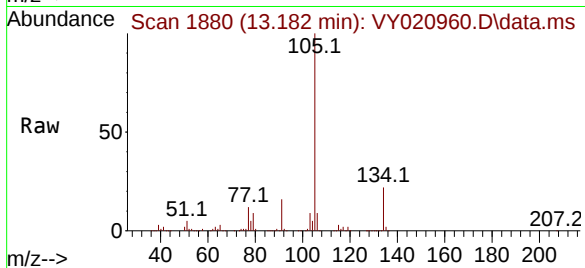
ClientSampleId :

Tgt Ion:105 Resp: 242417

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.232 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

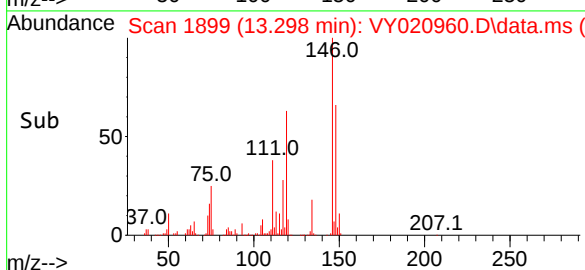
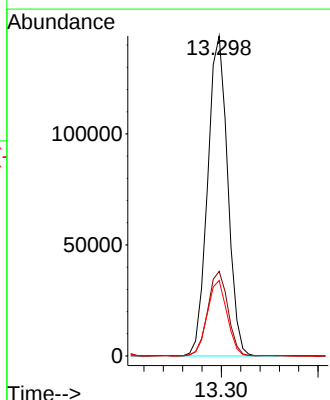
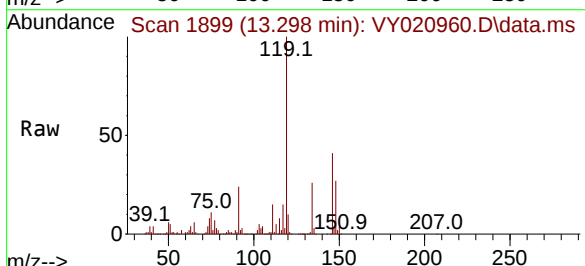
Tgt Ion:119 Resp: 207705

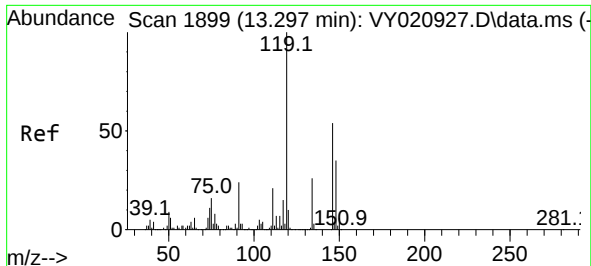
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.5 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 21.583 ug/l

RT: 13.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

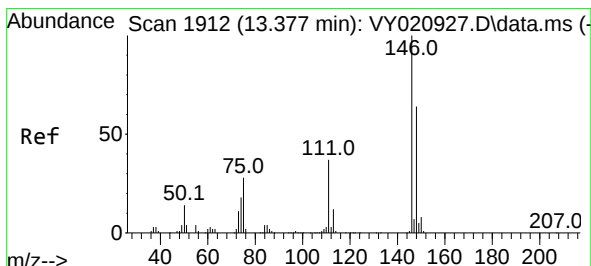
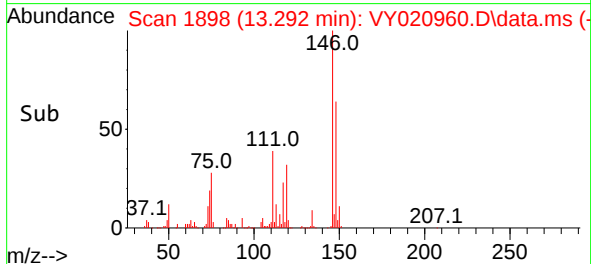
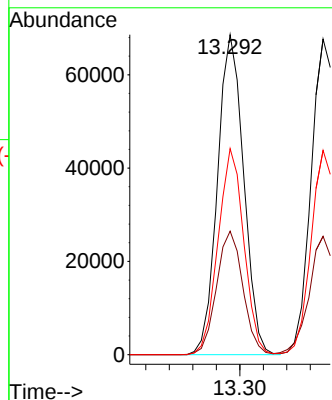
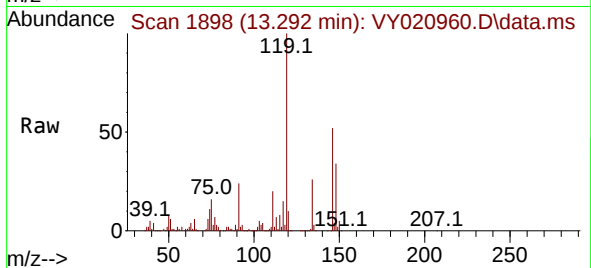
Tgt Ion:146 Resp: 106163

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.518 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

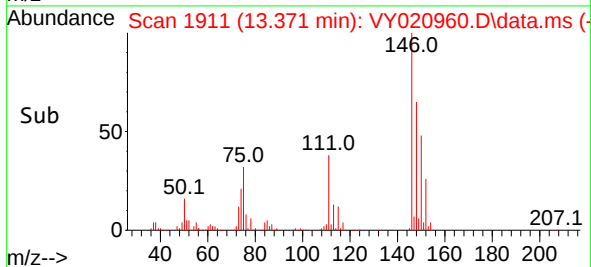
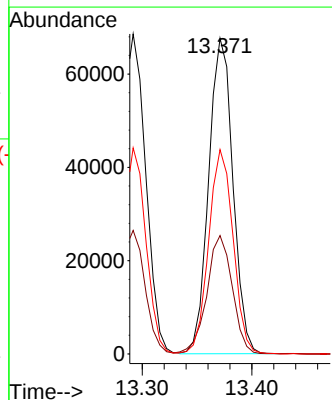
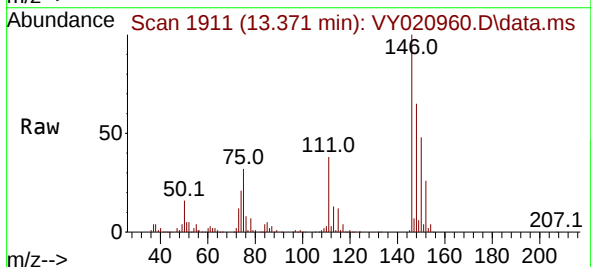
Tgt Ion:146 Resp: 103971

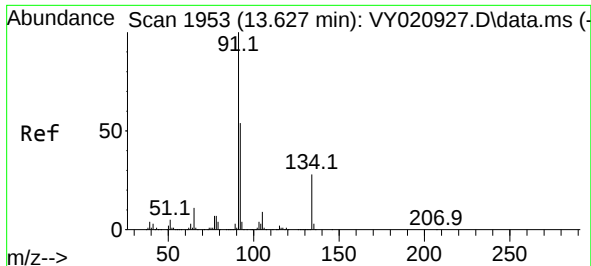
Ion Ratio Lower Upper

146 100

111 39.2 18.8 56.4

148 65.5 32.0 96.0





#89

n-Butylbenzene

Concen: 21.226 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

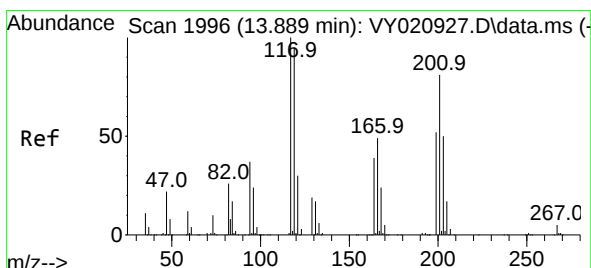
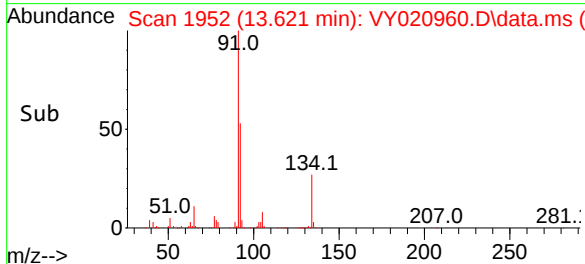
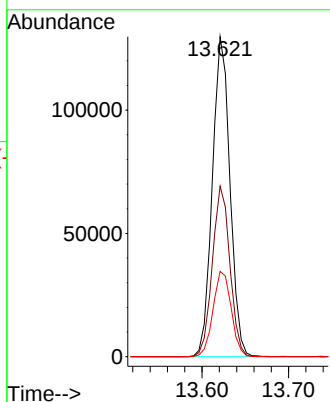
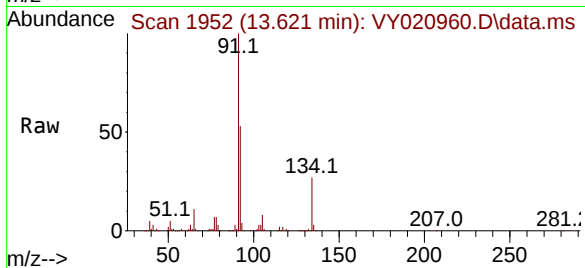
Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 91 Resp: 183157

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.1  | 26.8  | 80.3  |
| 134 | 27.5  | 13.8  | 41.4  |



#90

Hexachloroethane

Concen: 20.876 ug/l

RT: 13.883 min Scan# 1995

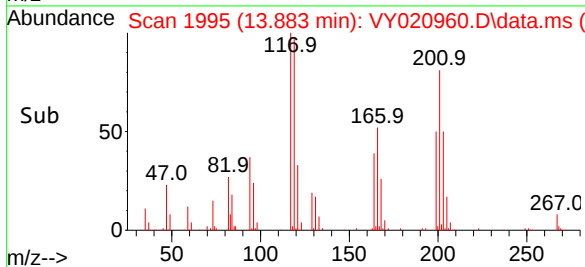
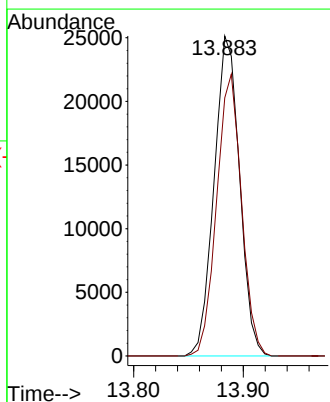
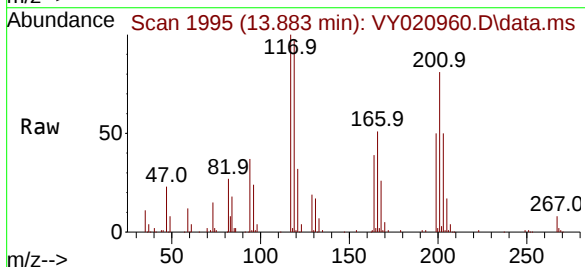
Delta R.T. -0.006 min

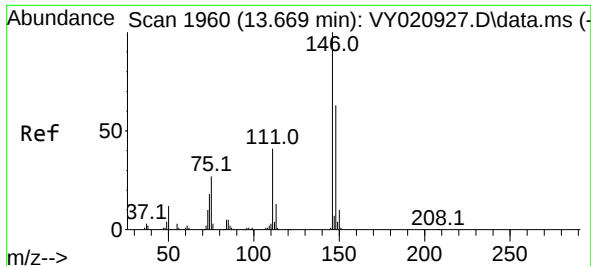
Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Tgt Ion: 117 Resp: 40568

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 86.0  | 42.7  | 128.1 |

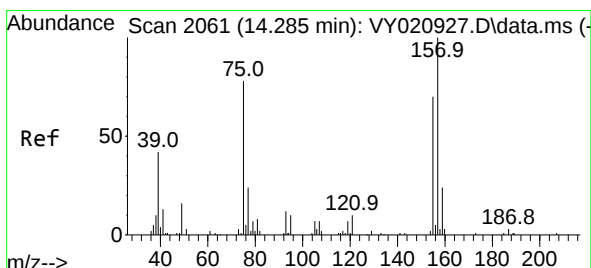
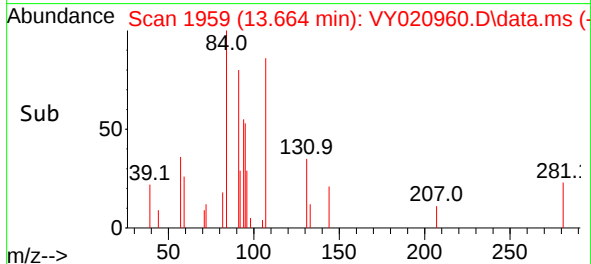
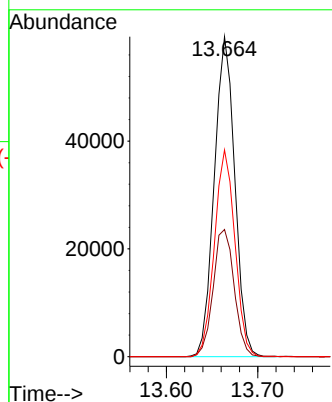
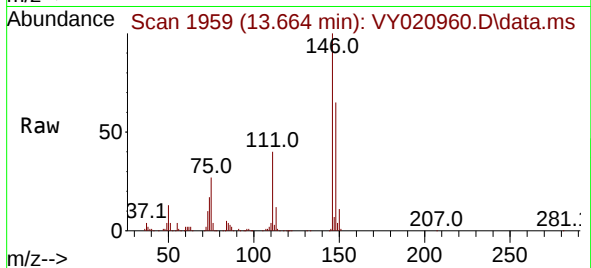




#91  
1,2-Dichlorobenzene  
Concen: 21.784 ug/l  
RT: 13.664 min Scan# 1960  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

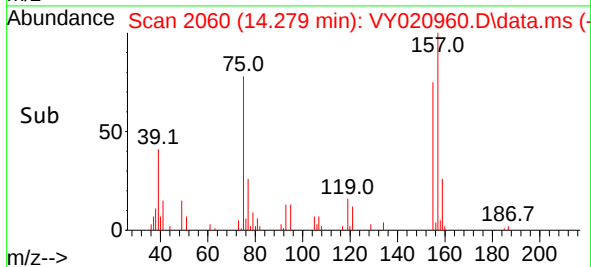
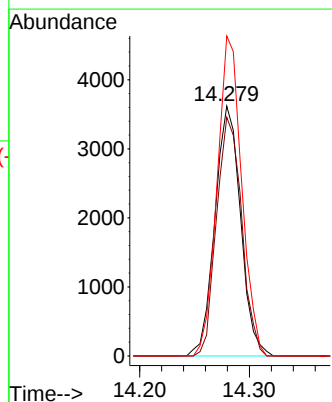
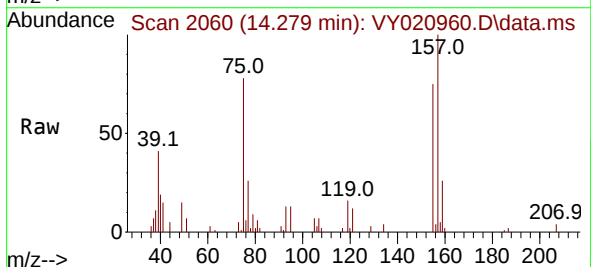
Instrument :  
MSVOA\_Y  
ClientSampleId :

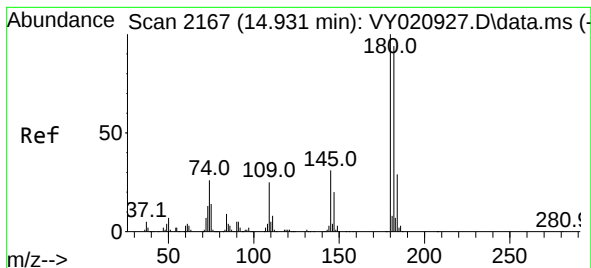
Tgt Ion:146 Resp: 92833  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.2 60.6  
148 64.4 32.2 96.6



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.992 ug/l  
RT: 14.279 min Scan# 2060  
Delta R.T. -0.006 min  
Lab File: VY020960.D  
Acq: 29 Jan 2025 10:38

Tgt Ion: 75 Resp: 5889  
Ion Ratio Lower Upper  
75 100  
155 93.2 46.6 139.7  
157 122.4 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 21.815 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

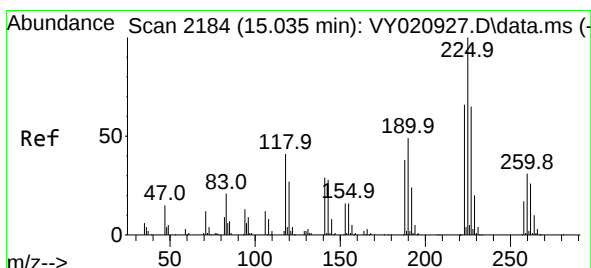
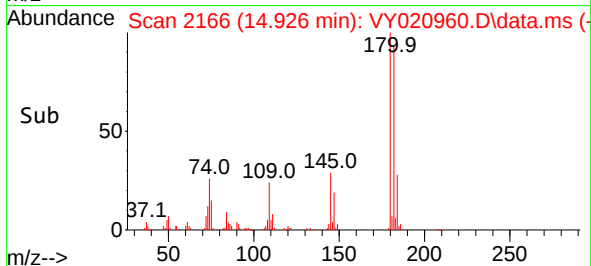
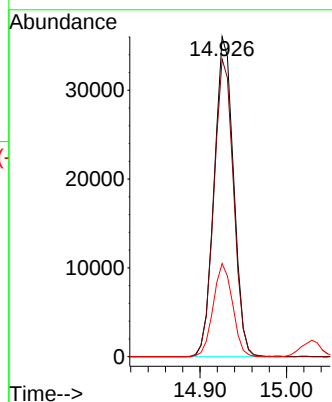
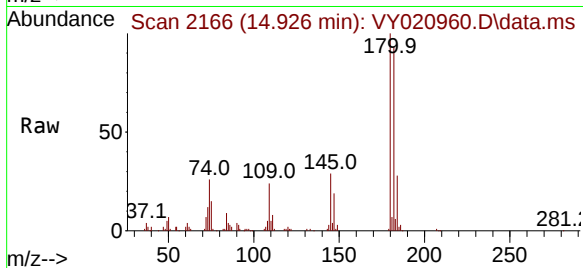
Tgt Ion:180 Resp: 55926

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 29.0 14.9 44.5



#94

Hexachlorobutadiene

Concen: 21.157 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

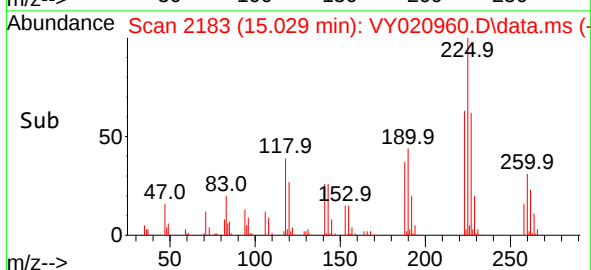
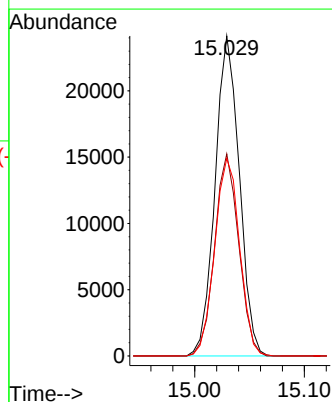
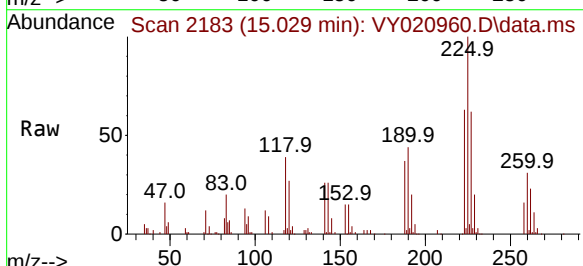
Tgt Ion:225 Resp: 37109

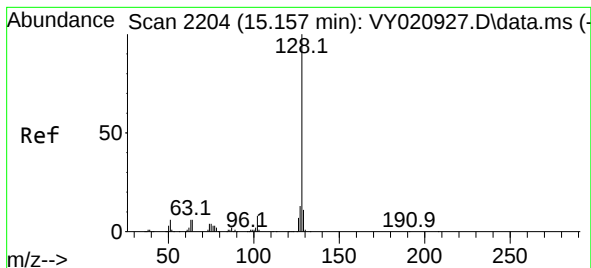
Ion Ratio Lower Upper

225 100

223 62.8 31.5 94.5

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 21.886 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Instrument :

MSVOA\_Y

ClientSampleId :

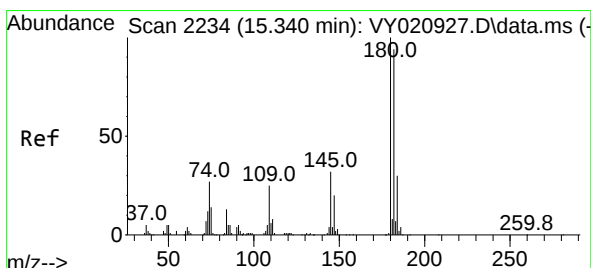
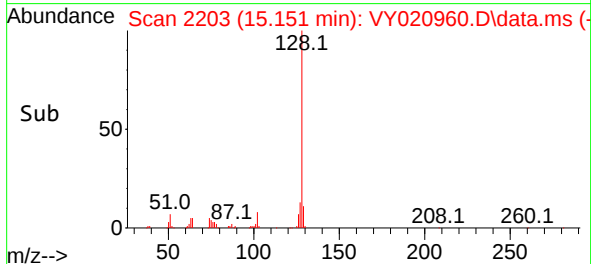
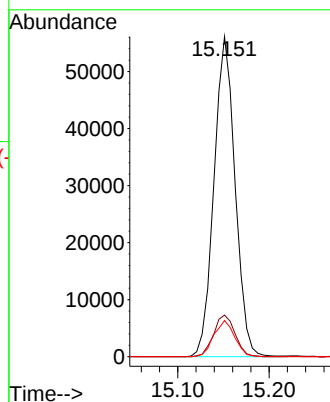
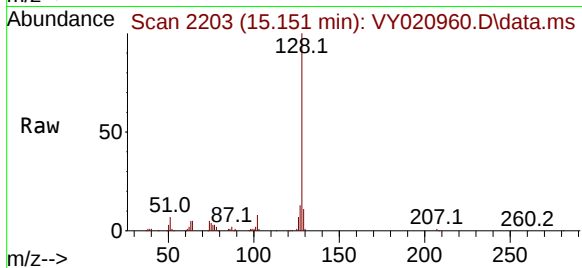
Tgt Ion:128 Resp: 89971

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.585 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020960.D

Acq: 29 Jan 2025 10:38

Tgt Ion:180 Resp: 46491

Ion Ratio Lower Upper

180 100

182 98.6 47.5 142.6

145 31.7 15.7 47.0

