

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011525\  
 Data File : VY020827.D  
 Acq On : 15 Jan 2025 09:42  
 Operator : SY/MD  
 Sample : VSTDCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 16 00:54:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010625S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 01:31:46 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.719  | 168   | 225615   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.628  | 114   | 324695   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.426 | 117   | 267827   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.359 | 152   | 129762   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.073  | 65    | 89300    | 46.567   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 93.140%  |
| 35) Dibromofluoromethane     | 7.646  | 113   | 99765    | 49.044   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 98.080%  |
| 50) Toluene-d8               | 10.115 | 98    | 381325   | 53.774   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 107.540% |
| 62) 4-Bromofluorobenzene     | 12.414 | 95    | 125287   | 47.844   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 29 - 146 | Recovery | =      | 95.680%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.873  | 85    | 74895    | 45.233   | ug/l   | 98       |
| 3) Chloromethane             | 2.080  | 50    | 49059    | 56.272   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.214  | 62    | 57773    | 59.611   | ug/l   | 98       |
| 5) Bromomethane              | 2.611  | 94    | 35103    | 50.853   | ug/l   | 98       |
| 6) Chloroethane              | 2.751  | 64    | 36087    | 60.375   | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 3.074  | 101   | 150947   | 50.746   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.470  | 74    | 45906    | 49.351   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 3.836  | 101   | 103477   | 51.514   | ug/l   | 100      |
| 10) Methyl Iodide            | 4.025  | 142   | 110248   | 51.215   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 4.884  | 59    | 27872    | 192.349  | ug/l # | 86       |
| 12) 1,1-Dichloroethene       | 3.805  | 96    | 90727    | 51.567   | ug/l   | 96       |
| 13) Acrolein                 | 3.671  | 56    | 5817     | 142.948  | ug/l   | 96       |
| 14) Allyl chloride           | 4.403  | 41    | 133880   | 52.744   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.080  | 53    | 94649    | 239.416  | ug/l   | 98       |
| 16) Acetone                  | 3.885  | 43    | 63113    | 231.442  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.129  | 76    | 202300   | 53.003   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.409  | 43    | 46938    | 50.978   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.134  | 73    | 232695   | 46.864   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.635  | 84    | 93389    | 49.589   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.134  | 96    | 96654    | 49.885   | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.037  | 45    | 292566   | 54.107   | ug/l   | 100      |
| 23) Vinyl Acetate            | 5.976  | 43    | 758204   | 254.316  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 5.933  | 63    | 182924   | 51.276   | ug/l   | 96       |
| 25) 2-Butanone               | 6.915  | 43    | 107790   | 240.632  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 6.902  | 77    | 178698   | 48.245   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 6.909  | 96    | 121434   | 49.675   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.262  | 49    | 57846    | 60.092   | ug/l   | 93       |
| 29) Tetrahydrofuran          | 7.274  | 42    | 69601    | 243.234  | ug/l   | 97       |
| 30) Chloroform               | 7.433  | 83    | 196594   | 48.323   | ug/l   | 98       |
| 31) Cyclohexane              | 7.719  | 56    | 141675   | 50.772   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.634  | 97    | 187350   | 47.212   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.847  | 75    | 135497   | 52.223   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.000  | 43    | 51516    | 49.894   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.829  | 117   | 176071   | 48.750   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.122  | 83    | 169317   | 53.179   | ug/l   | 97       |
| 40) Benzene                  | 8.091  | 78    | 410221   | 51.515   | ug/l   | 100      |

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 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 16 00:54:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010625S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 01:31:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.232  | 41   | 29584    | 50.031  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.170  | 62   | 104689   | 48.140  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.207  | 43   | 105745   | 50.352  | ug/l   | 98       |
| 44) Trichloroethene           | 8.878  | 130  | 110789   | 49.908  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.152  | 63   | 95743    | 53.036  | ug/l   | 99       |
| 46) Dibromomethane            | 9.243  | 93   | 50660    | 48.869  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.432  | 83   | 146992   | 49.511  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.231  | 41   | 49056    | 52.104  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.243  | 88   | 10670    | 969.429 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.006 | 43   | 262400   | 250.099 | ug/l   | 99       |
| 52) Toluene                   | 10.182 | 92   | 268110   | 50.844  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.402 | 75   | 130133   | 49.282  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.865  | 75   | 154030   | 50.227  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.585 | 97   | 73198    | 49.425  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.451 | 69   | 94830    | 50.701  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.725 | 76   | 120839   | 50.056  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.719  | 63   | 171176   | 230.698 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.768 | 43   | 168216   | 249.912 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.920 | 129  | 103929   | 48.386  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.024 | 107  | 64419    | 48.450  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.658 | 164  | 100075   | 50.823  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.450 | 112  | 296190   | 50.018  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131  | 107914   | 47.870  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.530 | 91   | 521703   | 50.887  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.639 | 106  | 397610   | 100.730 | ug/l   | 100      |
| 69) o-Xylene                  | 11.962 | 106  | 189619   | 50.665  | ug/l   | 97       |
| 70) Styrene                   | 11.981 | 104  | 316784   | 50.283  | ug/l   | 99       |
| 71) Bromoform                 | 12.145 | 173  | 60434    | 47.158  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.267 | 105  | 523488   | 50.852  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.078 | 43   | 89615    | 53.219  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.517 | 83   | 76894    | 49.283  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.566 | 75   | 100158   | 88.215  | ug/l # | 100      |
| 77) Bromobenzene              | 12.542 | 156  | 117242   | 49.398  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.603 | 91   | 606916   | 51.942  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.688 | 91   | 339279   | 50.423  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.749 | 105  | 419801   | 50.320  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.316 | 75   | 26325    | 48.888  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.786 | 91   | 347356   | 50.023  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 404510   | 51.842  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.054 | 105  | 412931   | 50.686  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.188 | 105  | 560128   | 51.393  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.304 | 119  | 474016   | 50.983  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.298 | 146  | 230718   | 50.030  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.377 | 146  | 222161   | 48.940  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.627 | 91   | 420548   | 52.138  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.889 | 117  | 92940    | 49.783  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.669 | 146  | 198148   | 49.142  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.285 | 75   | 11424    | 45.283  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 14.931 | 180  | 120754   | 52.038  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.035 | 225  | 82479    | 50.418  | ug/l   | 98       |
| 95) Naphthalene               | 15.157 | 128  | 191943   | 50.257  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.340 | 180  | 99154    | 51.002  | ug/l   | 99       |

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Tue Jan 07 01:31:46 2025  
Response via : Initial Calibration

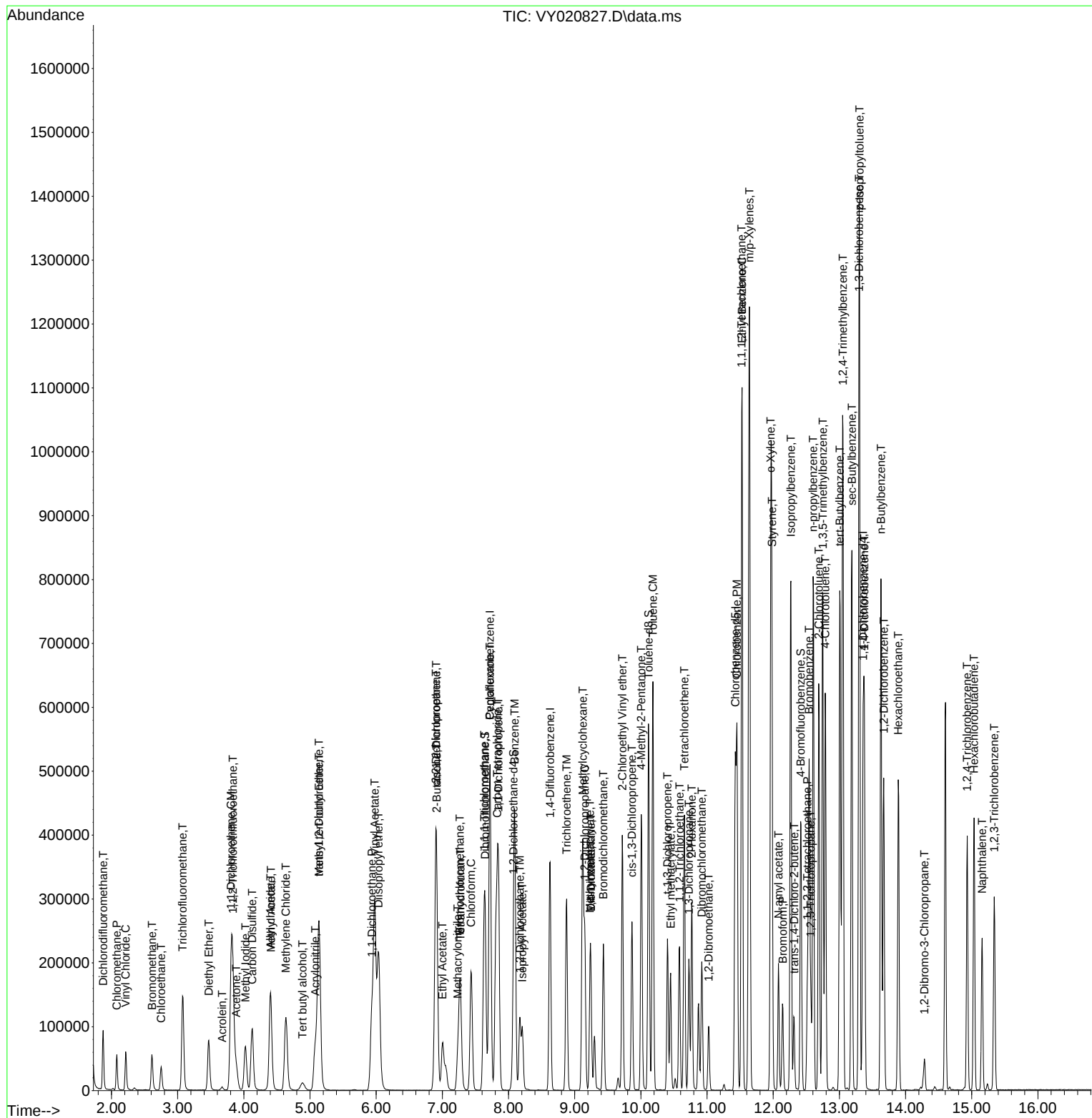
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

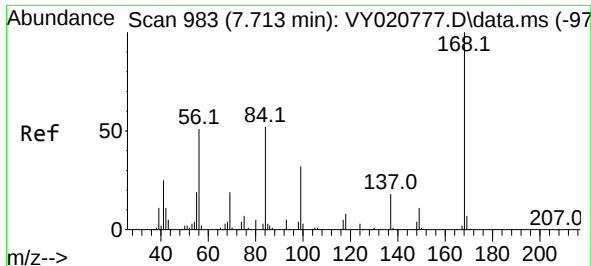
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 QLast Update : Tue Jan 07 01:31:46 2025  
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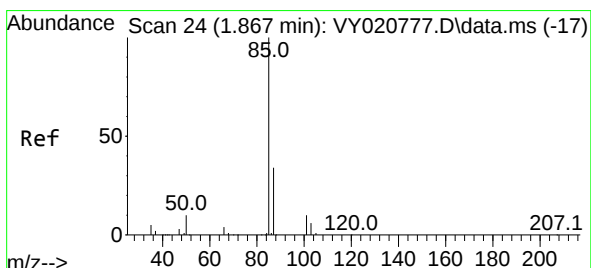
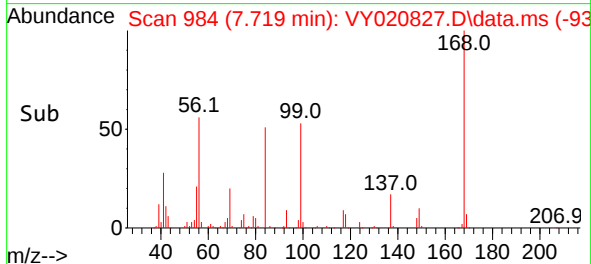
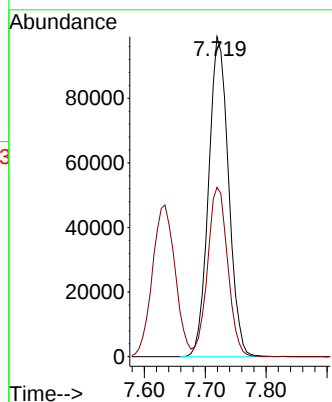
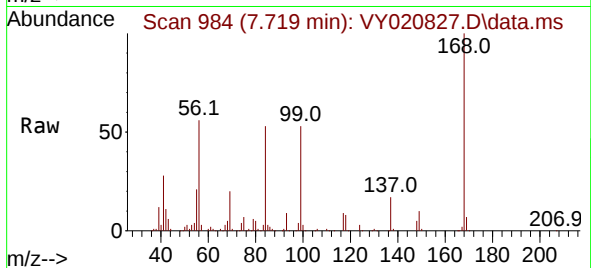




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

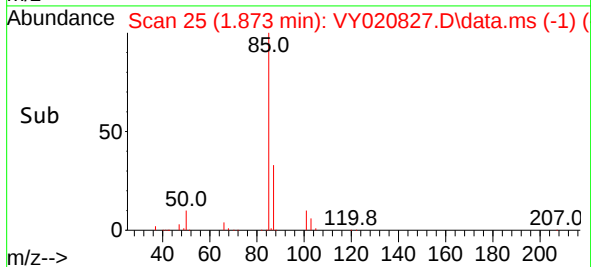
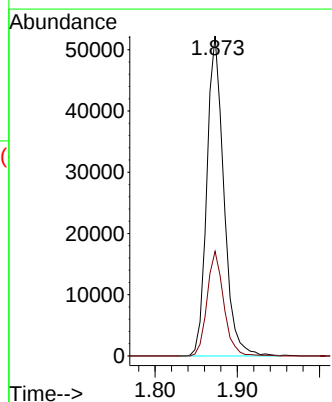
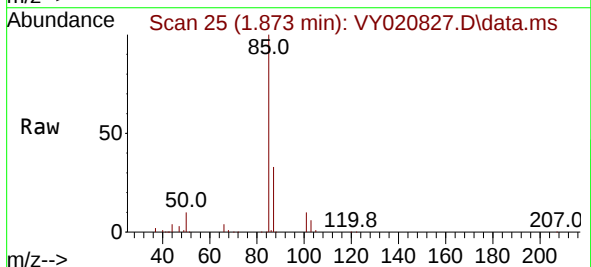
Instrument :  
MSVOA\_Y  
ClientSampleId :

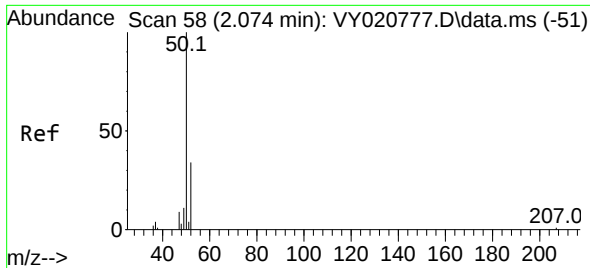
Tgt Ion:168 Resp: 225615  
Ion Ratio Lower Upper  
168 100  
99 52.8 44.3 66.5



#2  
Dichlorodifluoromethane  
Concen: 45.233 ug/l  
RT: 1.873 min Scan# 25  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 85 Resp: 74895  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.9 50.6

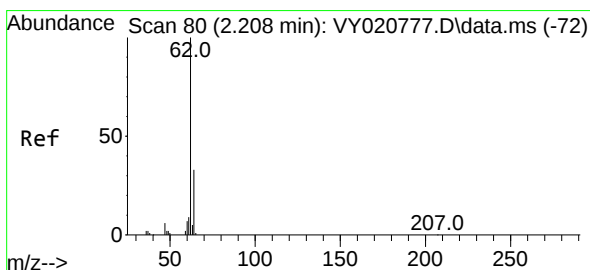
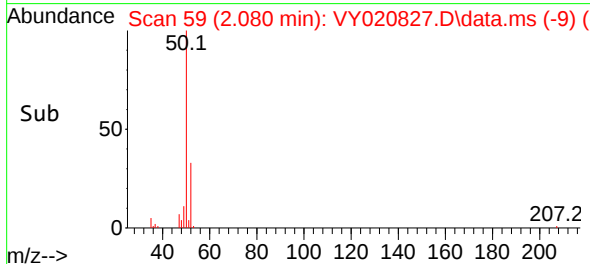
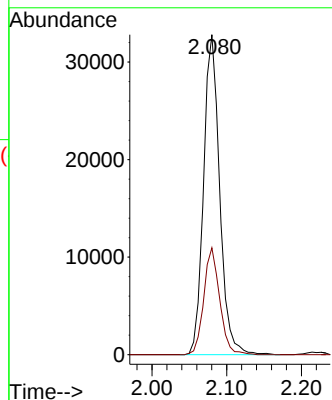
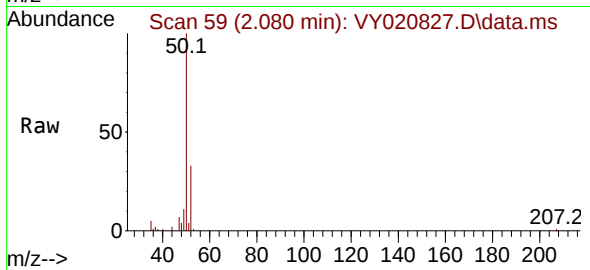




#3  
Chloromethane  
Concen: 56.272 ug/l  
RT: 2.080 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

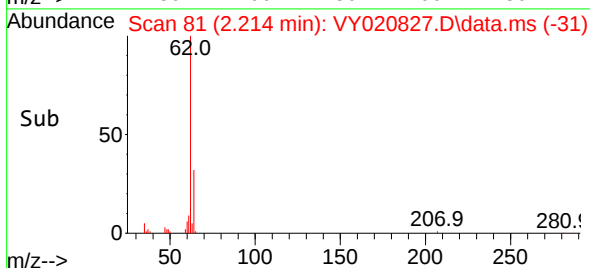
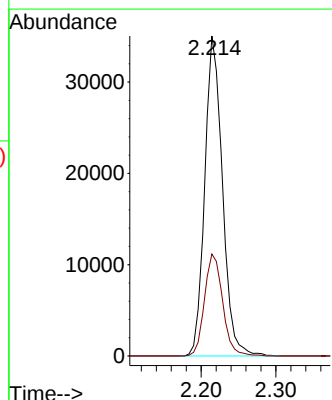
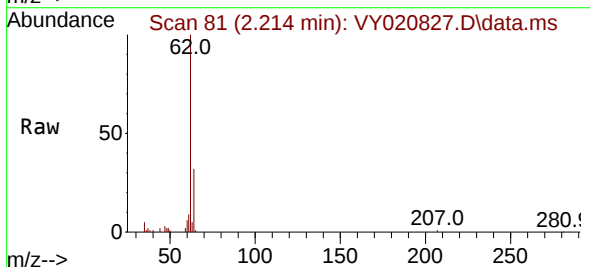
Instrument :  
MSVOA\_Y  
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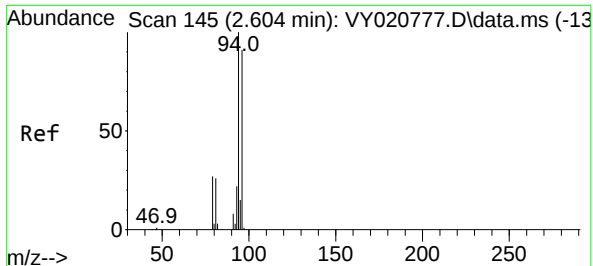
Tgt Ion: 50 Resp: 49059  
Ion Ratio Lower Upper  
50 100  
52 33.4 27.3 40.9



#4  
Vinyl Chloride  
Concen: 59.611 ug/l  
RT: 2.214 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 62 Resp: 57773  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.6 39.8

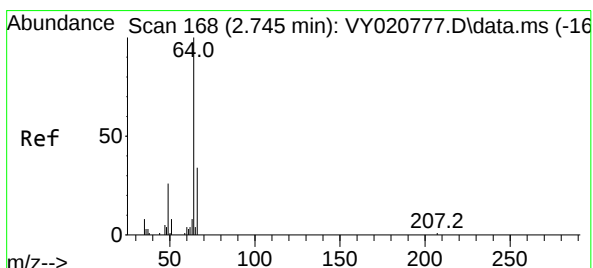
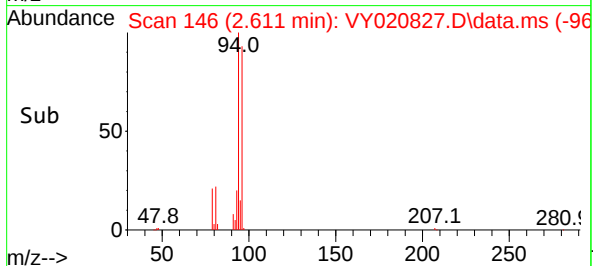
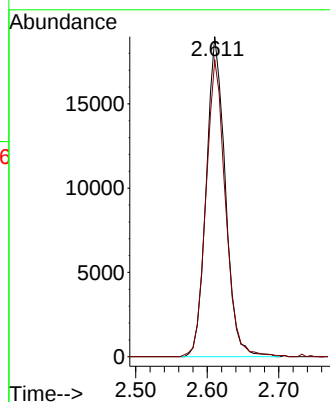
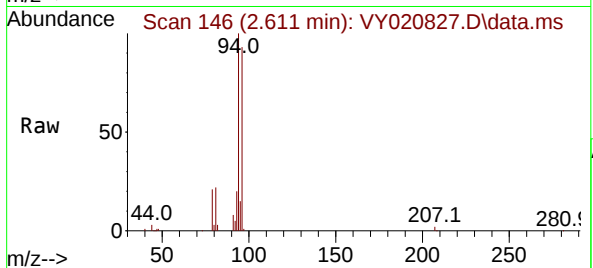




#5  
Bromomethane  
Concen: 50.853 ug/l  
RT: 2.611 min Scan# 145  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

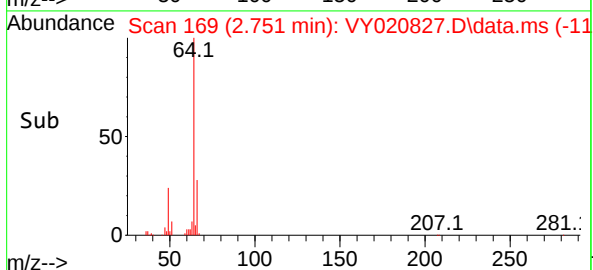
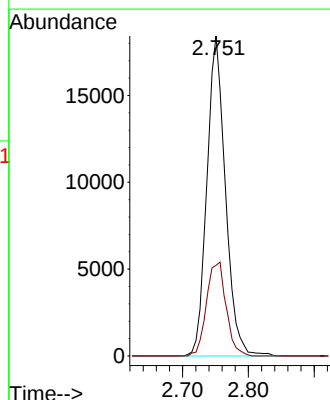
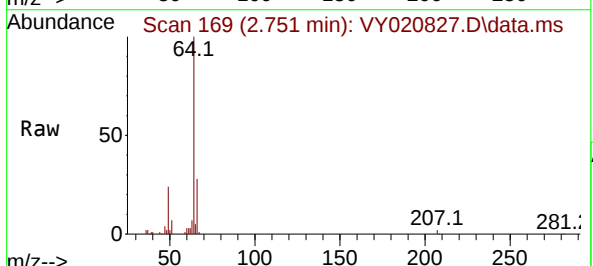
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MSVOA\_Y  
ClientSampleId :

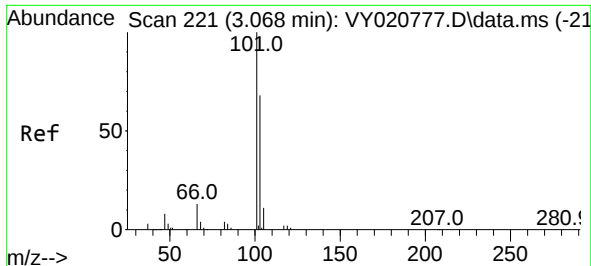
Tgt Ion: 94 Resp: 35103  
Ion Ratio Lower Upper  
94 100  
96 92.7 72.6 109.0



#6  
Chloroethane  
Concen: 60.375 ug/l  
RT: 2.751 min Scan# 169  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 64 Resp: 36087  
Ion Ratio Lower Upper  
64 100  
66 28.3 26.9 40.3

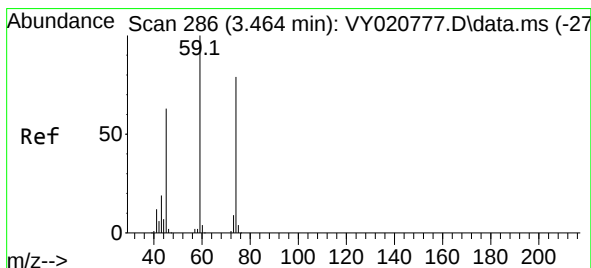
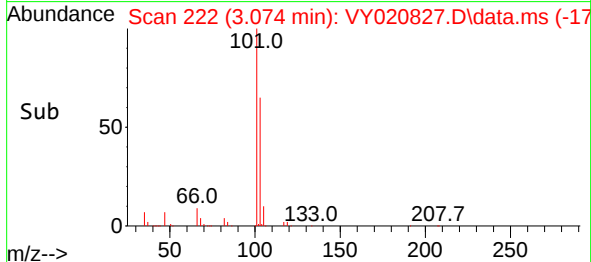
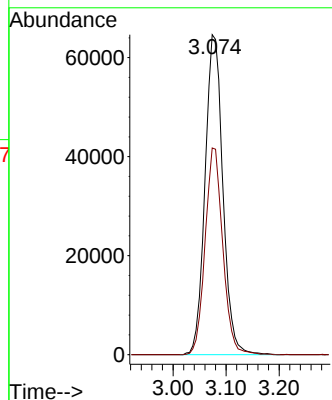
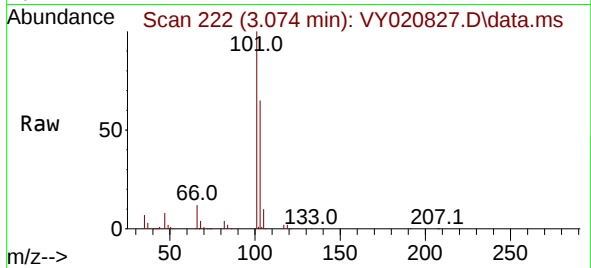




#7  
Trichlorofluoromethane  
Concen: 50.746 ug/l  
RT: 3.074 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

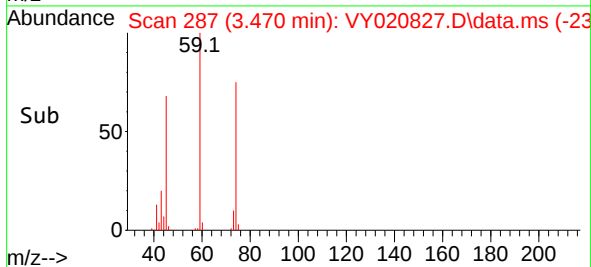
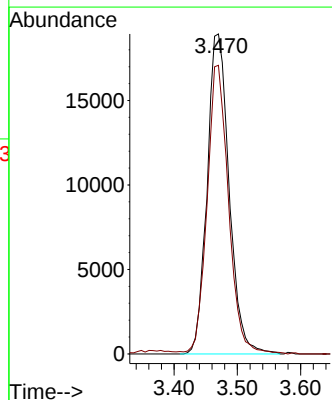
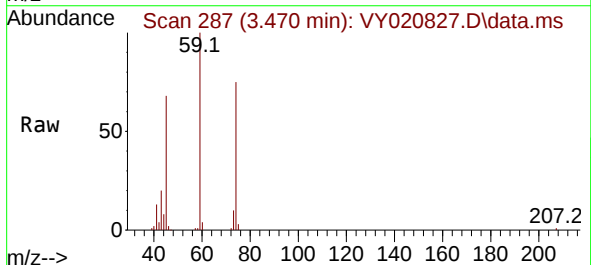
Instrument :  
MSVOA\_Y  
ClientSampleId :

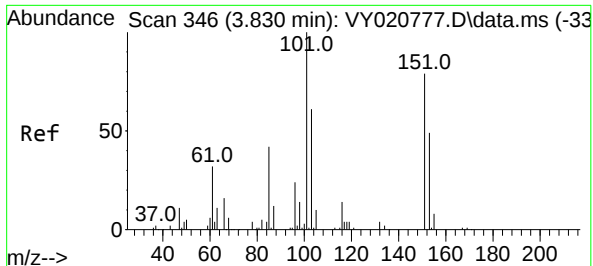
Tgt Ion:101 Resp: 150947  
Ion Ratio Lower Upper  
101 100  
103 64.6 54.6 82.0



#8  
Diethyl Ether  
Concen: 49.351 ug/l  
RT: 3.470 min Scan# 287  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 74 Resp: 45906  
Ion Ratio Lower Upper  
74 100  
45 87.8 41.3 124.1

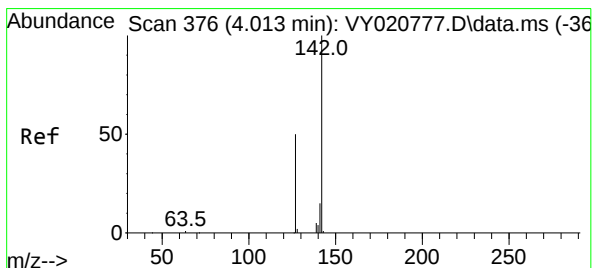
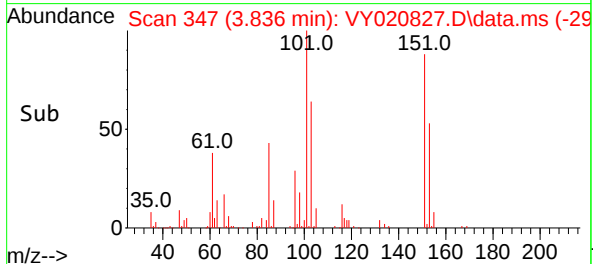
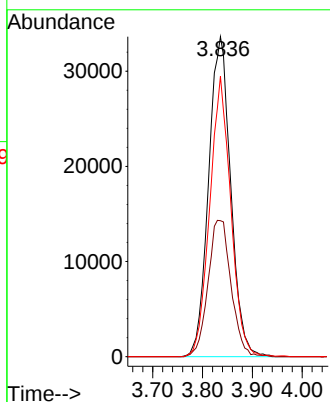
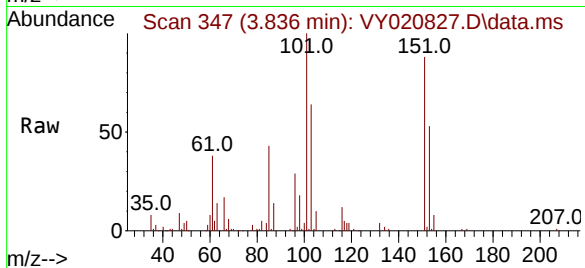




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.514 ug/l  
RT: 3.836 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

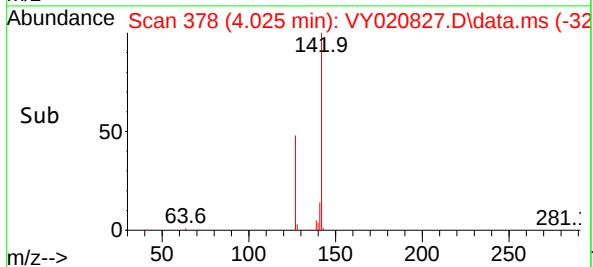
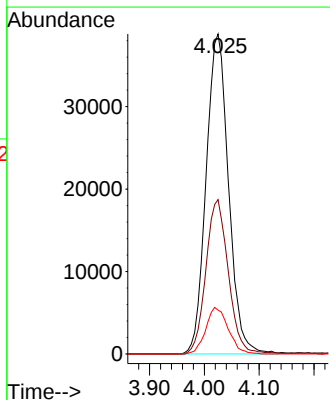
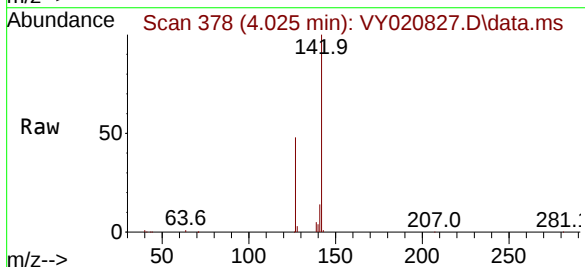
Instrument :  
MSVOA\_Y  
ClientSampleId :

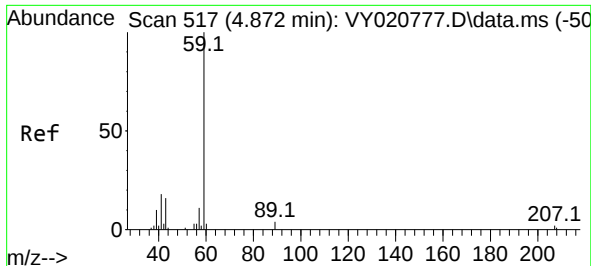
Tgt Ion:101 Resp: 103477  
Ion Ratio Lower Upper  
101 100  
85 44.5 35.9 53.9  
151 83.4 66.9 100.3



#10  
Methyl Iodide  
Concen: 51.215 ug/l  
RT: 4.025 min Scan# 378  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

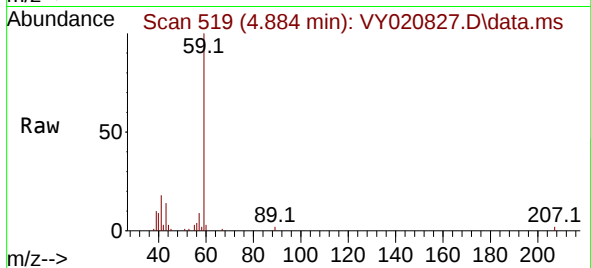
Tgt Ion:142 Resp: 110248  
Ion Ratio Lower Upper  
142 100  
127 48.2 41.0 61.6  
141 14.6 11.6 17.4



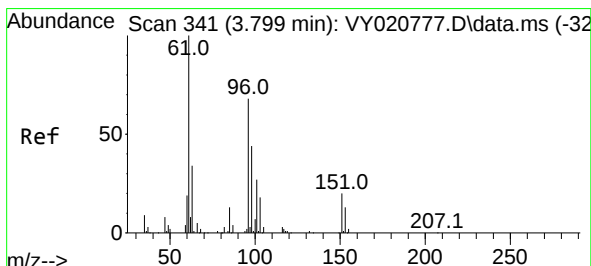
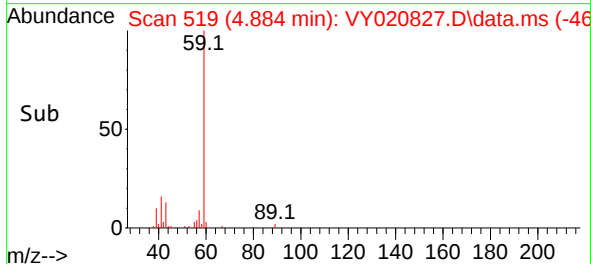
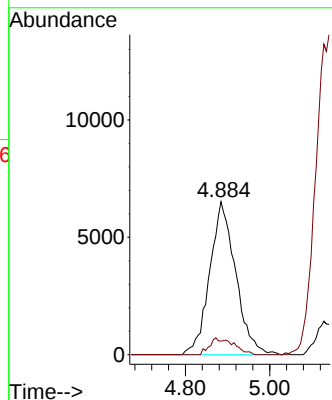


#11  
Tert butyl alcohol  
Concen: 192.349 ug/l  
RT: 4.884 min Scan# 517  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Instrument :  
MSVOA\_Y  
ClientSampleId :

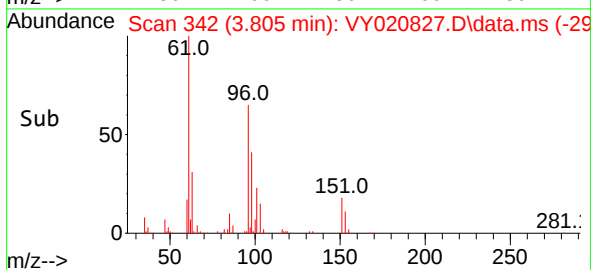
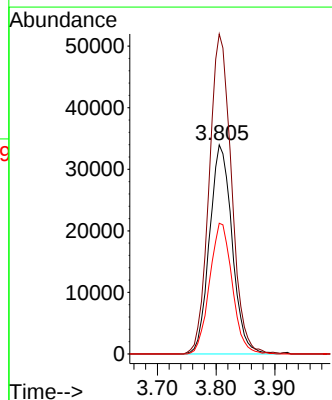
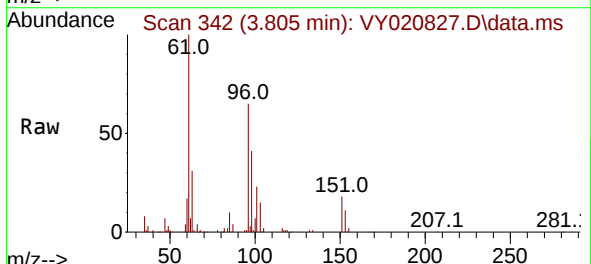


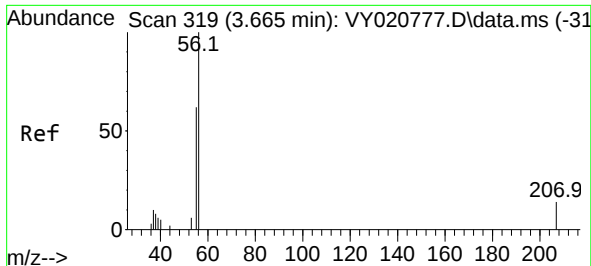
Tgt Ion: 59 Resp: 27872  
Ion Ratio Lower Upper  
59 100  
57 4.8 7.8 11.8#



#12  
1,1-Dichloroethene  
Concen: 51.567 ug/l  
RT: 3.805 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 96 Resp: 90727  
Ion Ratio Lower Upper  
96 100  
61 153.0 117.8 176.8  
98 62.5 51.9 77.9

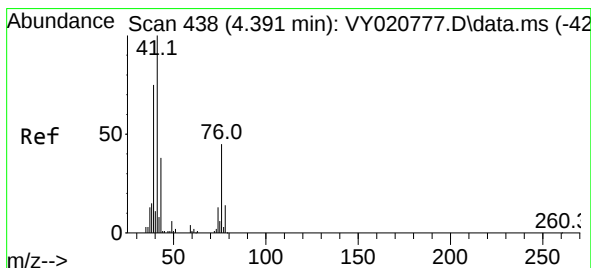
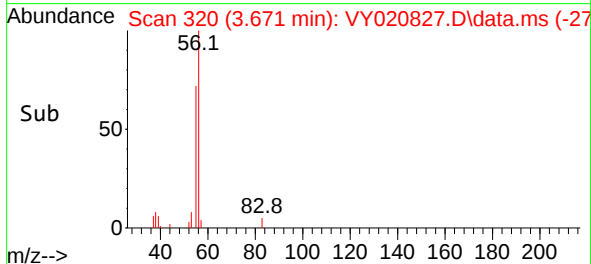
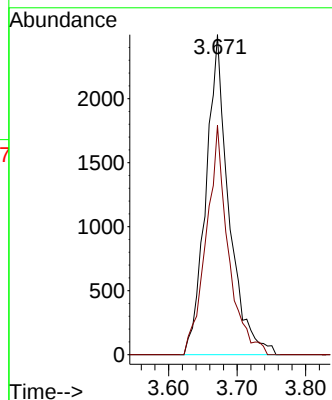
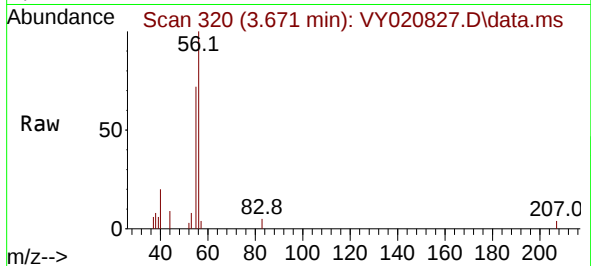




#13  
Acrolein  
Concen: 142.948 ug/l  
RT: 3.671 min Scan# 319  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

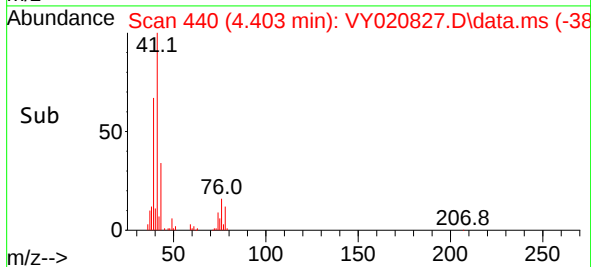
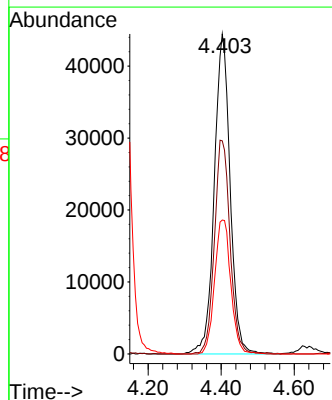
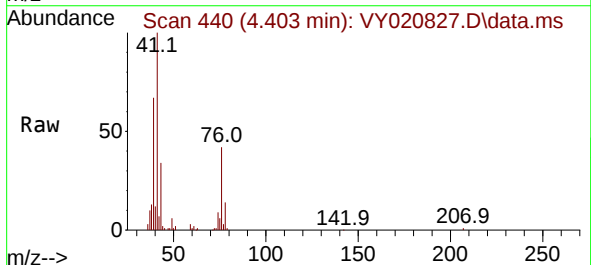
Instrument :  
MSVOA\_Y  
ClientSampleId :

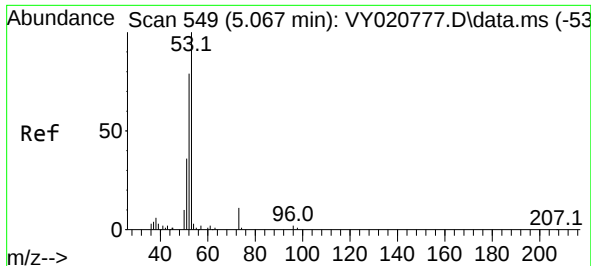
Tgt Ion: 56 Resp: 5817  
Ion Ratio Lower Upper  
56 100  
55 69.0 58.1 87.1



#14  
Allyl chloride  
Concen: 52.744 ug/l  
RT: 4.403 min Scan# 440  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

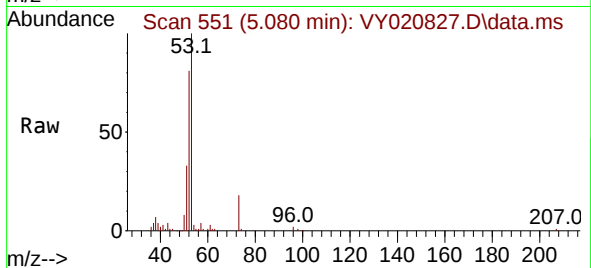
Tgt Ion: 41 Resp: 133880  
Ion Ratio Lower Upper  
41 100  
39 66.0 57.5 86.3  
76 42.7 35.6 53.4



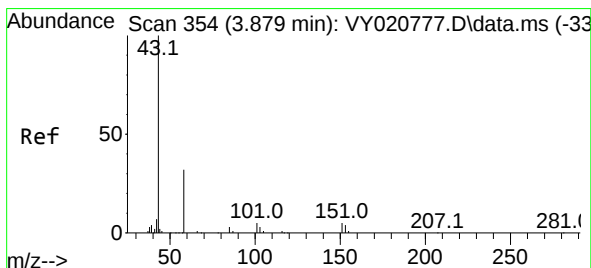
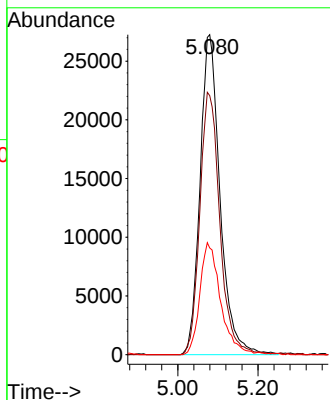
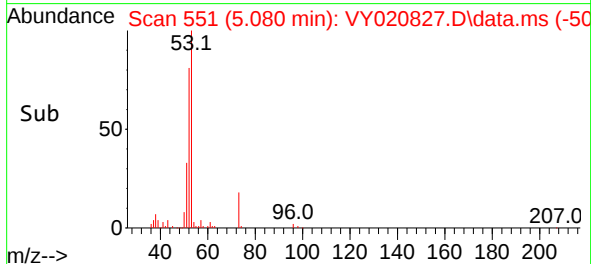


#15  
Acrylonitrile  
Concen: 239.416 ug/l  
RT: 5.080 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

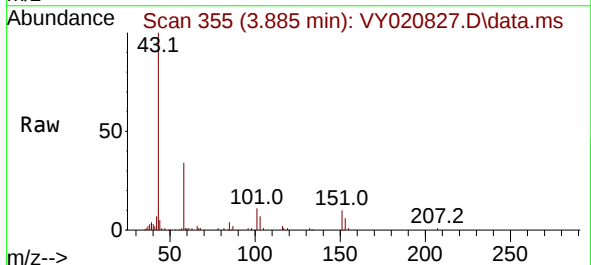
Instrument :  
MSVOA\_Y  
ClientSampleId :



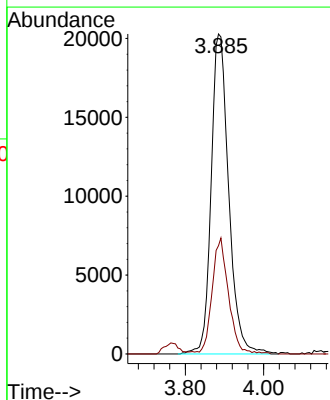
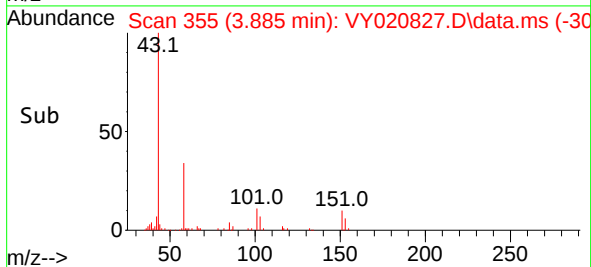
Tgt Ion: 53 Resp: 94649  
Ion Ratio Lower Upper  
53 100  
52 82.1 64.3 96.5  
51 36.1 29.3 43.9

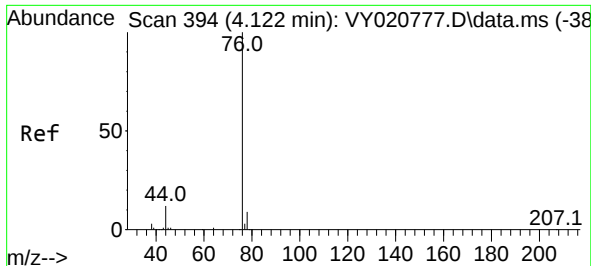


#16  
Acetone  
Concen: 231.442 ug/l  
RT: 3.885 min Scan# 355  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42



Tgt Ion: 43 Resp: 63113  
Ion Ratio Lower Upper  
43 100  
58 33.8 26.7 40.1

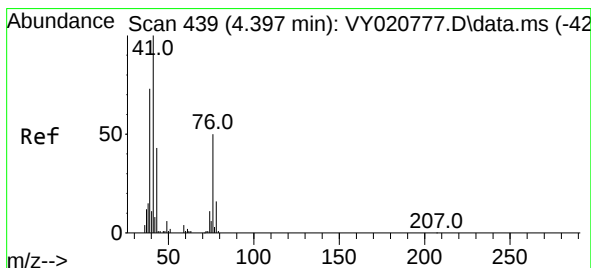
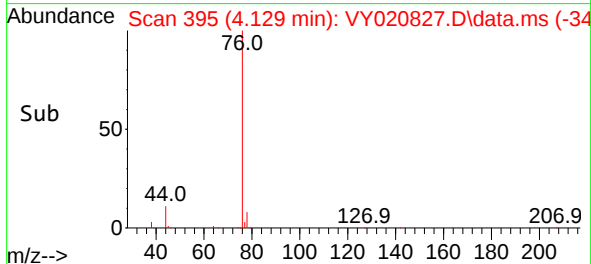
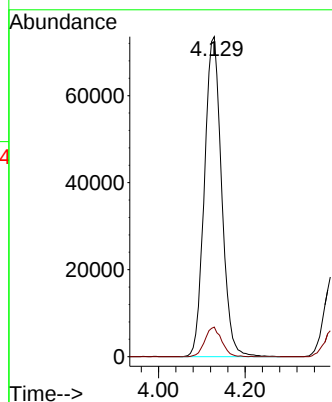
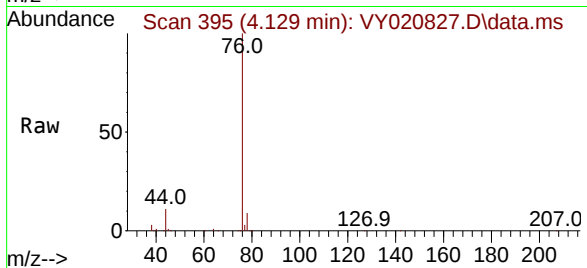




#17  
Carbon Disulfide  
Concen: 53.003 ug/l  
RT: 4.129 min Scan# 394  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

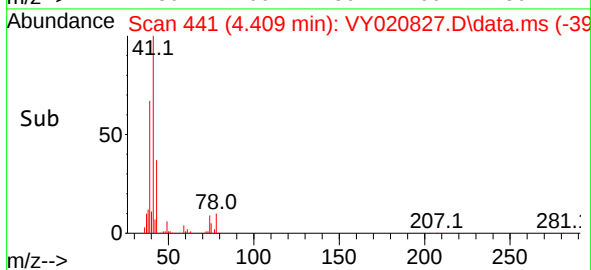
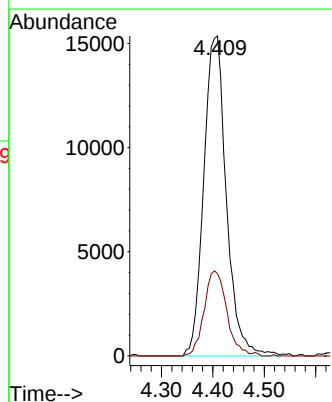
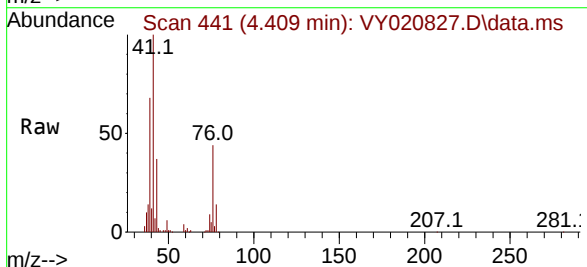
Instrument :  
MSVOA\_Y  
ClientSampleId :

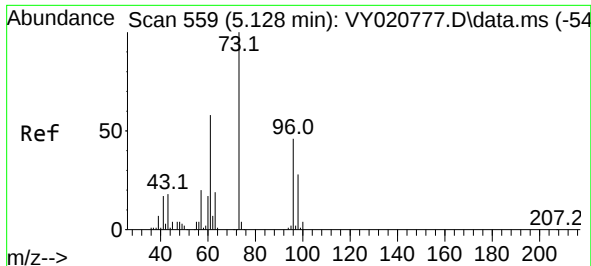
Tgt Ion: 76 Resp: 202300  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2



#18  
Methyl Acetate  
Concen: 50.978 ug/l  
RT: 4.409 min Scan# 441  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

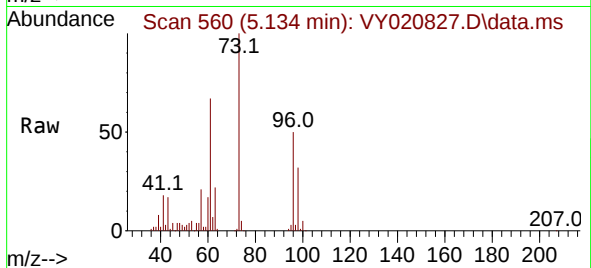
Tgt Ion: 43 Resp: 46938  
Ion Ratio Lower Upper  
43 100  
74 26.7 23.0 34.6



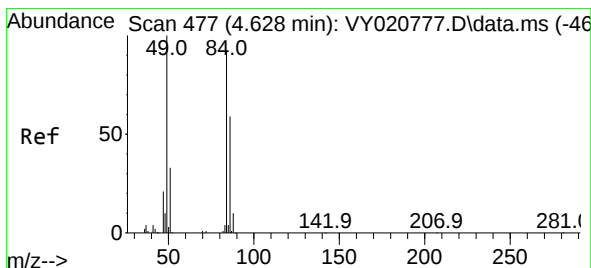
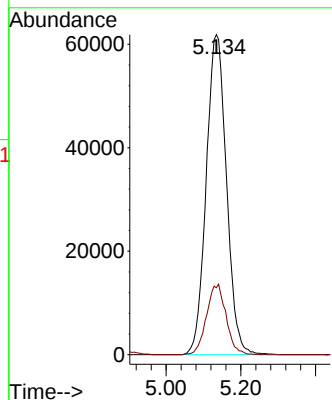
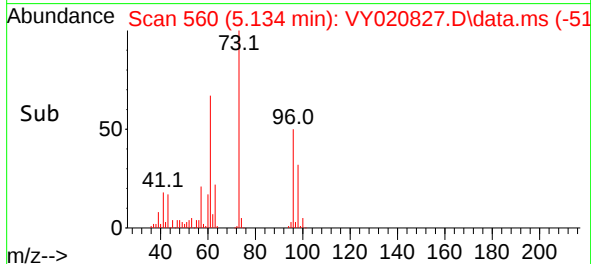


#19  
Methyl tert-butyl Ether  
Concen: 46.864 ug/l  
RT: 5.134 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

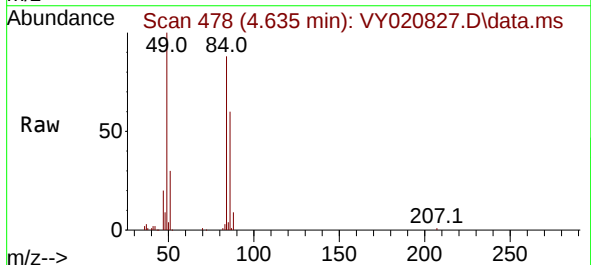
Instrument :  
MSVOA\_Y  
ClientSampleId :



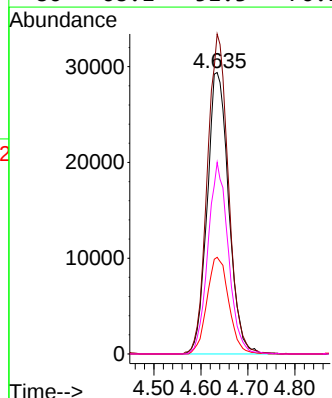
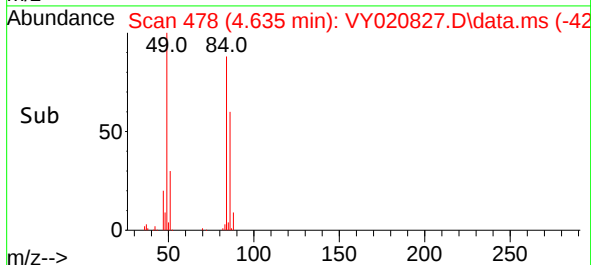
Tgt Ion: 73 Resp: 232695  
Ion Ratio Lower Upper  
73 100  
57 20.9 16.4 24.6

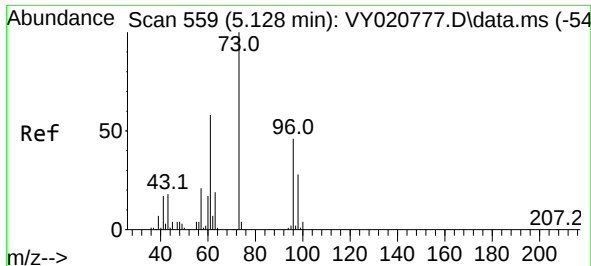


#20  
Methylene Chloride  
Concen: 49.589 ug/l  
RT: 4.635 min Scan# 478  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42



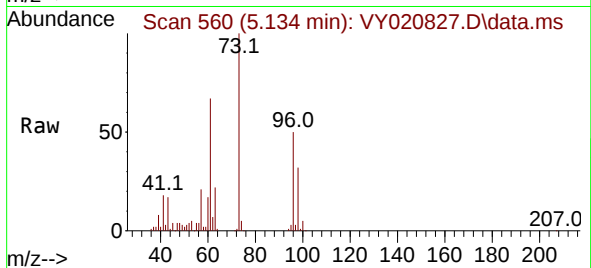
Tgt Ion: 84 Resp: 93389  
Ion Ratio Lower Upper  
84 100  
49 113.7 86.7 130.1  
51 34.3 28.4 42.6  
86 68.1 51.3 76.9



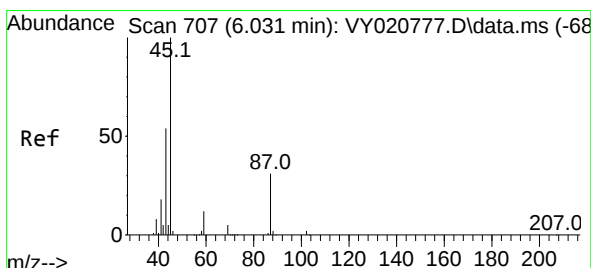
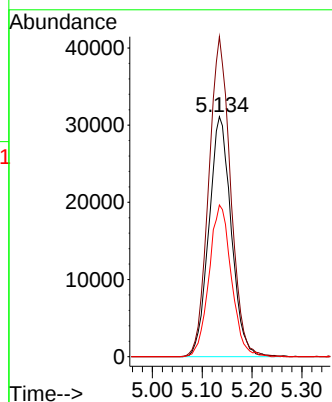
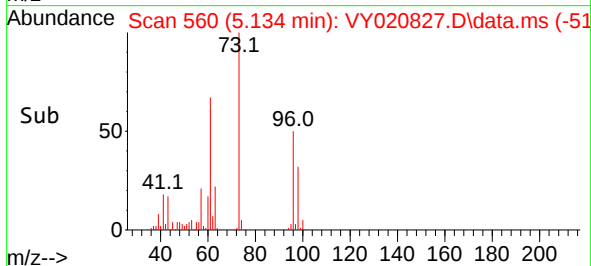


#21  
trans-1,2-Dichloroethene  
Concen: 49.885 ug/l  
RT: 5.134 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Instrument :  
MSVOA\_Y  
ClientSampleId :

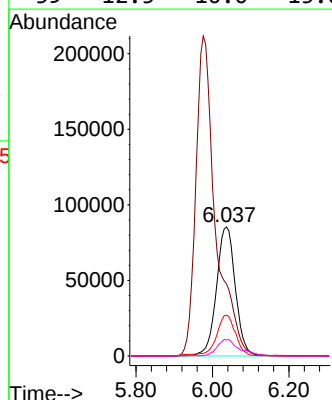
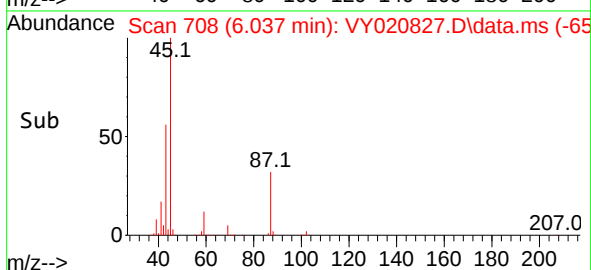
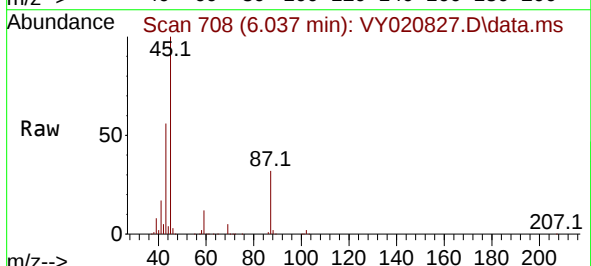


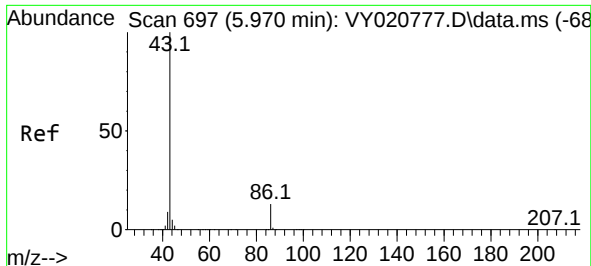
Tgt Ion: 96 Resp: 96654  
Ion Ratio Lower Upper  
96 100  
61 133.3 101.6 152.4  
98 63.2 49.4 74.2



#22  
Diisopropyl ether  
Concen: 54.107 ug/l  
RT: 6.037 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 45 Resp: 292566  
Ion Ratio Lower Upper  
45 100  
43 55.3 43.9 65.9  
87 31.7 25.3 37.9  
59 12.5 10.0 15.0

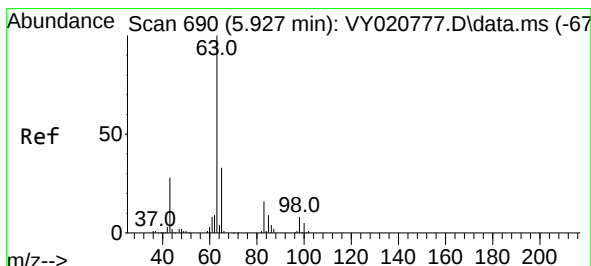
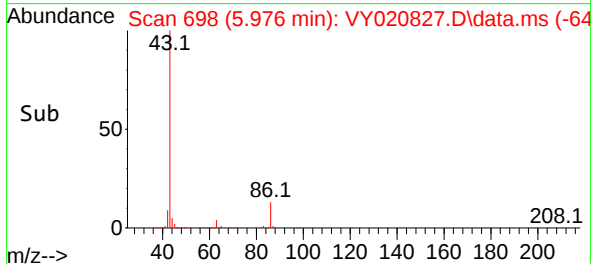
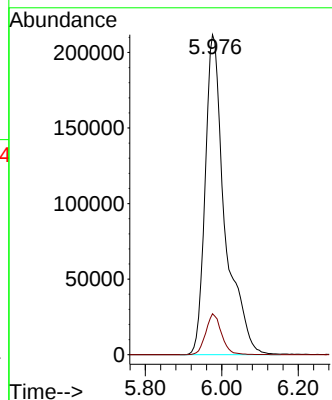
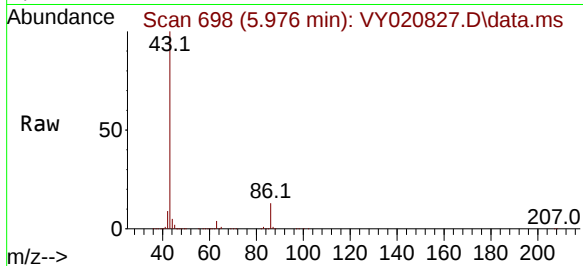




#23  
 Vinyl Acetate  
 Concen: 254.316 ug/l  
 RT: 5.976 min Scan# 698  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42

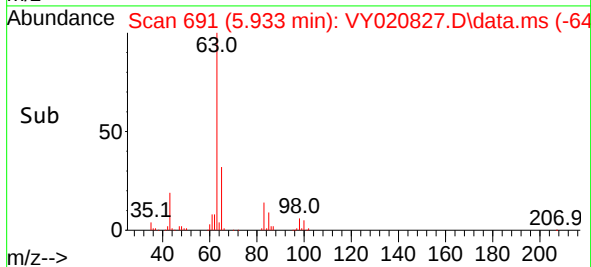
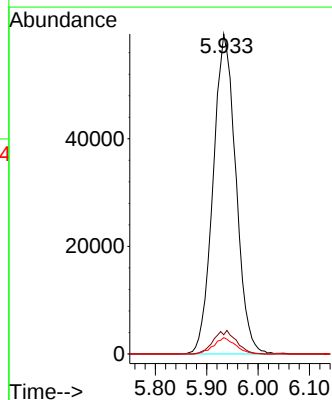
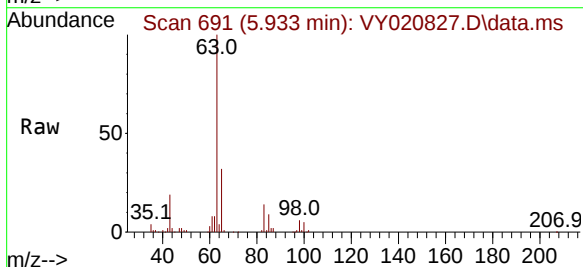
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

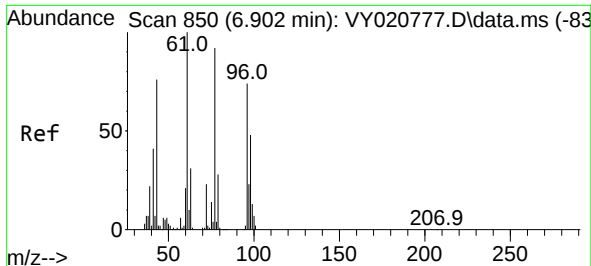
Tgt Ion: 43 Resp: 758204  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 10.5 15.7



#24  
 1,1-Dichloroethane  
 Concen: 51.276 ug/l  
 RT: 5.933 min Scan# 691  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42

Tgt Ion: 63 Resp: 182924  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.9 11.7  
 100 5.1 2.4 7.2

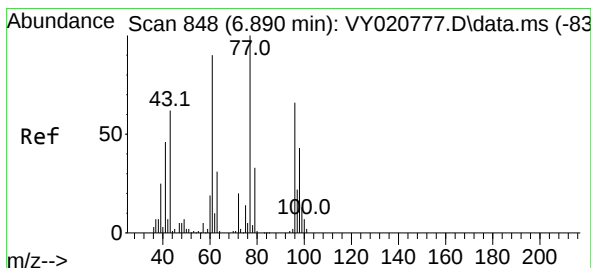
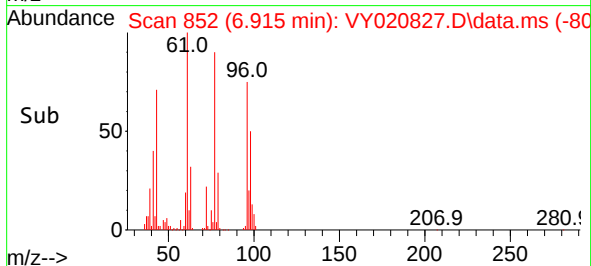
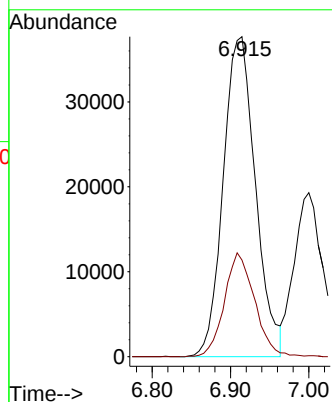
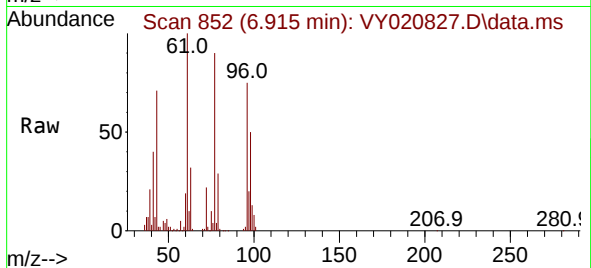




#25  
2-Butanone  
Concen: 240.632 ug/l  
RT: 6.915 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

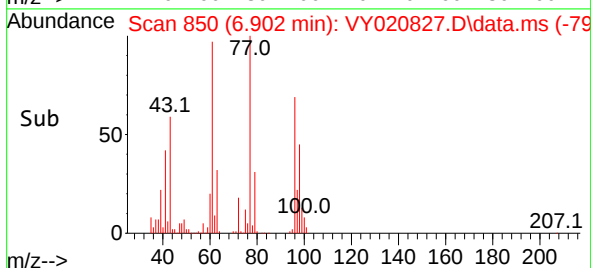
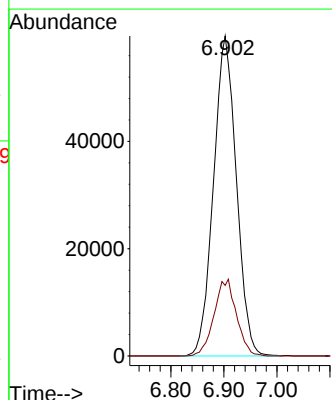
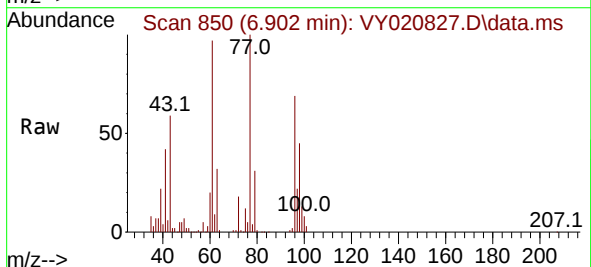
Instrument :  
MSVOA\_Y  
ClientSampleId :

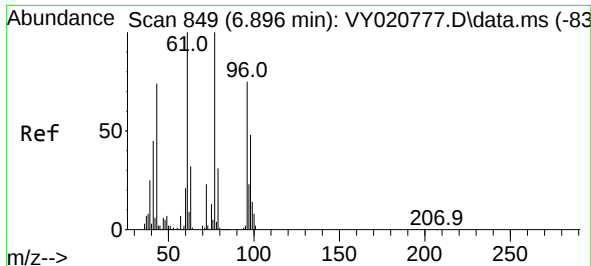
Tgt Ion: 43 Resp: 107790  
Ion Ratio Lower Upper  
43 100  
72 30.2 24.0 36.0



#26  
2,2-Dichloropropane  
Concen: 48.245 ug/l  
RT: 6.902 min Scan# 850  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 77 Resp: 178698  
Ion Ratio Lower Upper  
77 100  
97 23.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.675 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

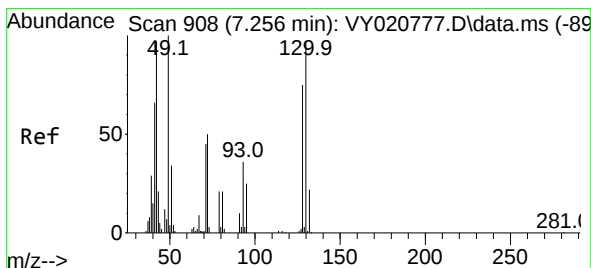
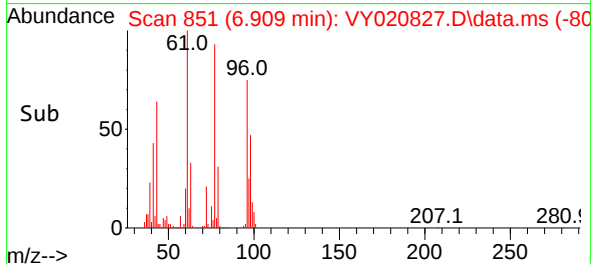
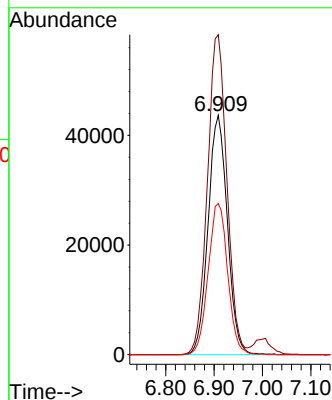
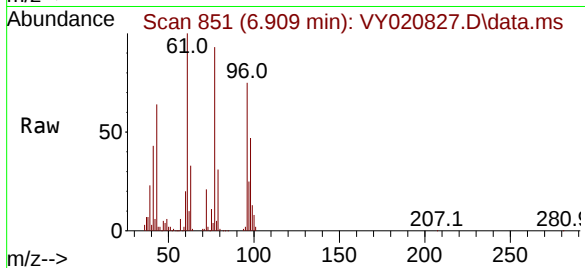
Tgt Ion: 96 Resp: 121434

Ion Ratio Lower Upper

96 100

61 134.9 0.0 271.4

98 63.8 0.0 129.0



#28

Bromochloromethane

Concen: 60.092 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

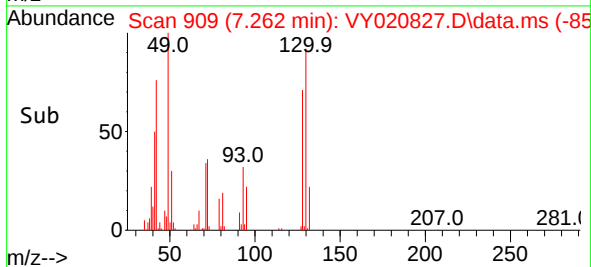
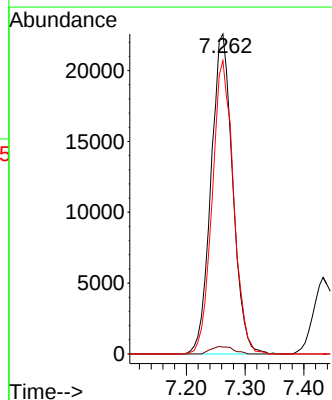
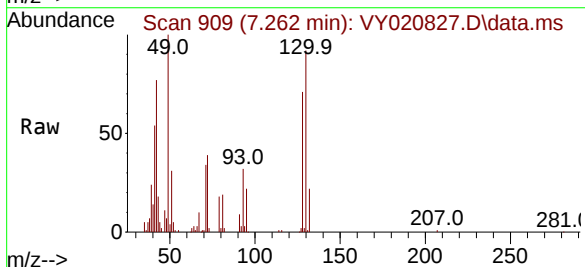
Tgt Ion: 49 Resp: 57846

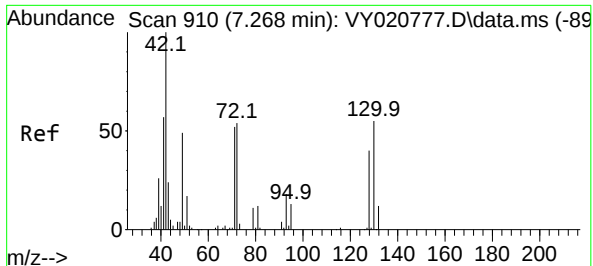
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 90.1 77.8 116.6





#29

Tetrahydrofuran

Concen: 243.234 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

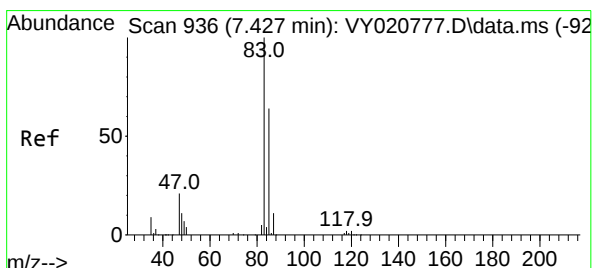
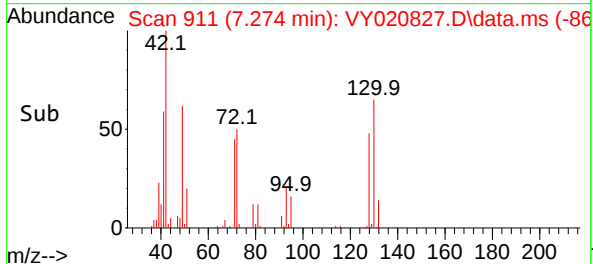
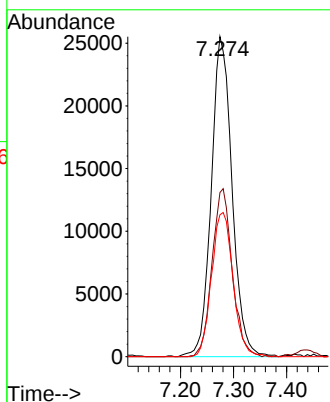
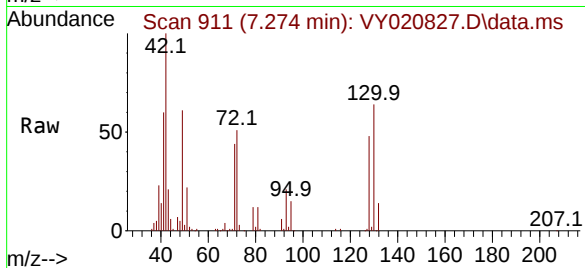
Tgt Ion: 42 Resp: 69601

Ion Ratio Lower Upper

42 100

72 50.9 41.8 62.6

71 46.5 39.8 59.8



#30

Chloroform

Concen: 48.323 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY020827.D

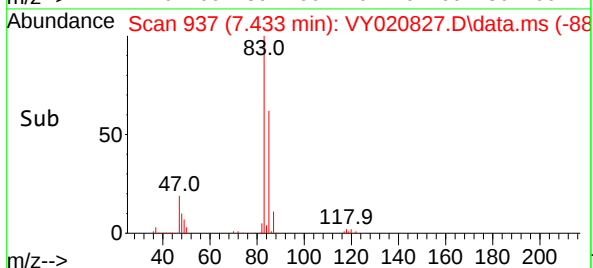
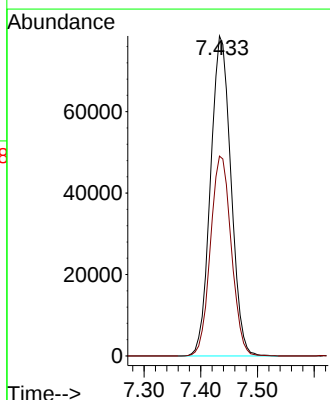
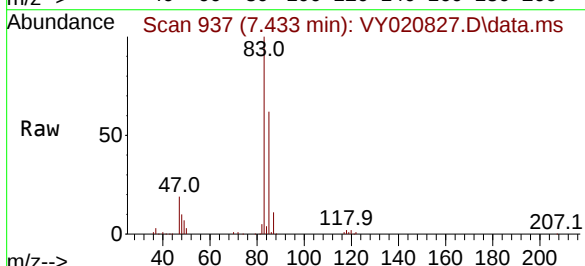
Acq: 15 Jan 2025 09:42

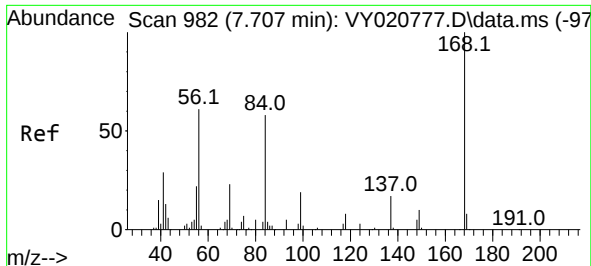
Tgt Ion: 83 Resp: 196594

Ion Ratio Lower Upper

83 100

85 62.4 51.1 76.7

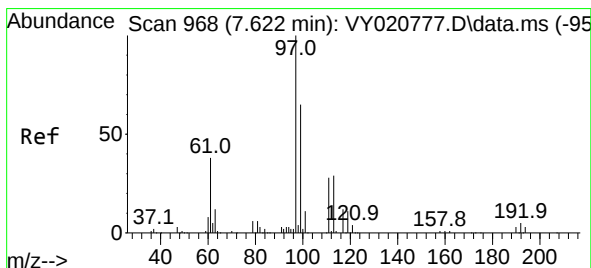
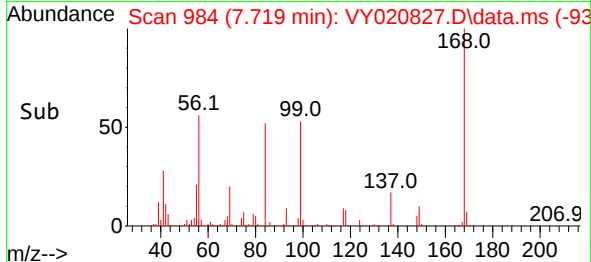
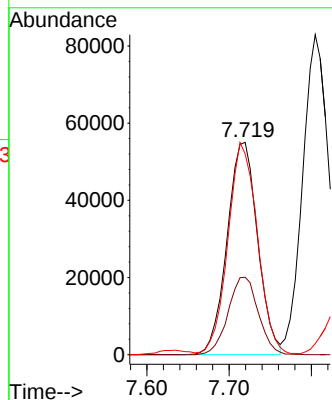
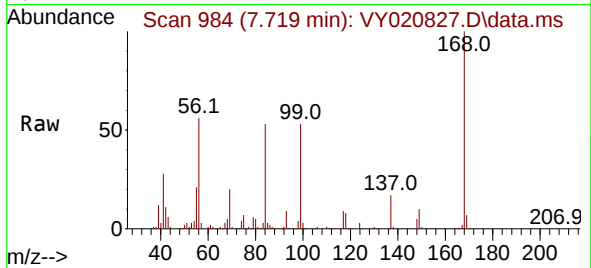




#31  
Cyclohexane  
Concen: 50.772 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

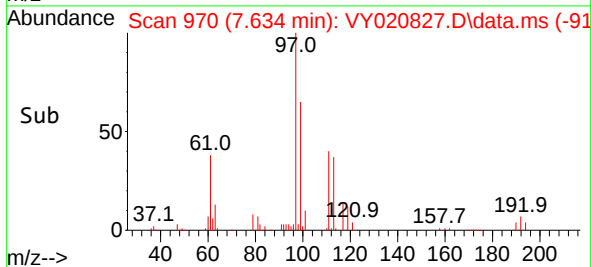
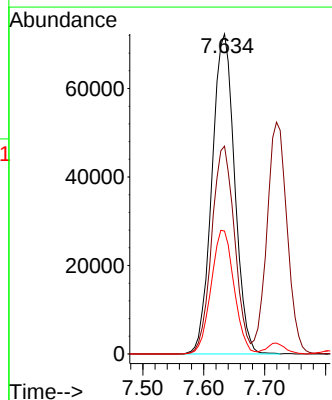
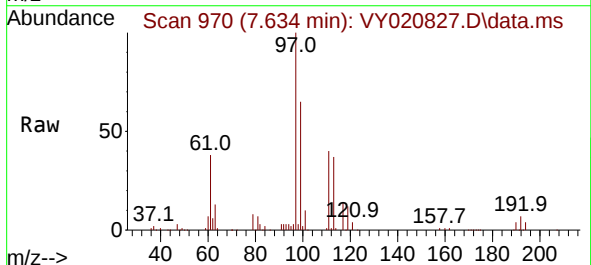
Instrument :  
MSVOA\_Y  
ClientSampleId :

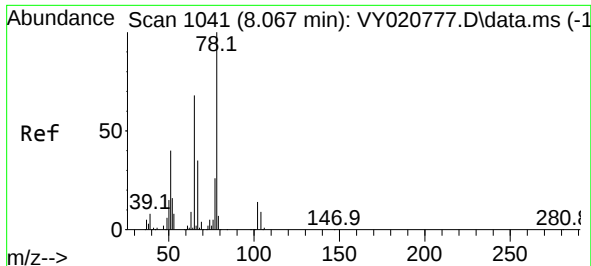
Tgt Ion: 56 Resp: 141675  
Ion Ratio Lower Upper  
56 100  
69 36.5 30.5 45.7  
84 92.7 76.6 115.0



#32  
1,1,1-Trichloroethane  
Concen: 47.212 ug/l  
RT: 7.634 min Scan# 970  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 97 Resp: 187350  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.4 77.2  
61 39.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 46.567 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

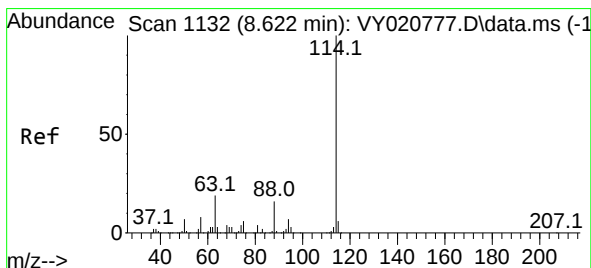
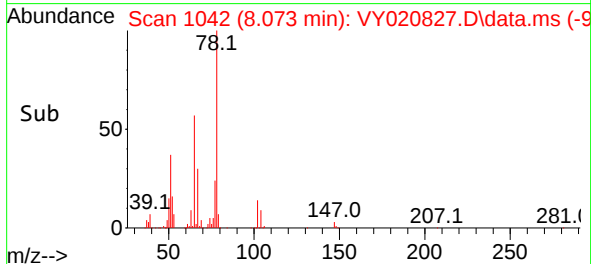
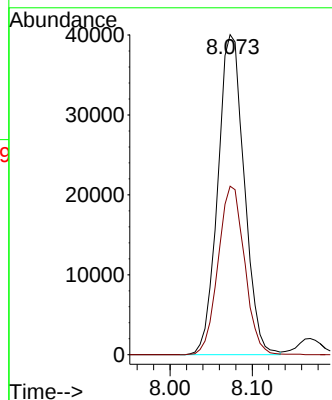
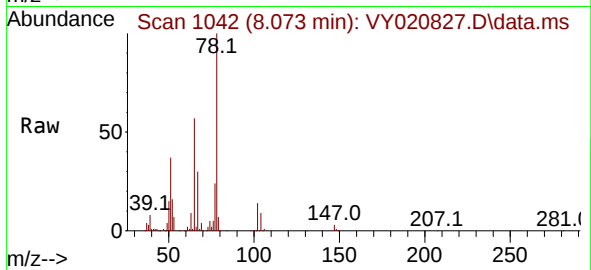
ClientSampleId :

Tgt Ion: 65 Resp: 89300

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

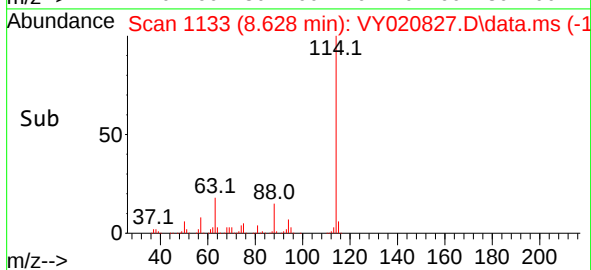
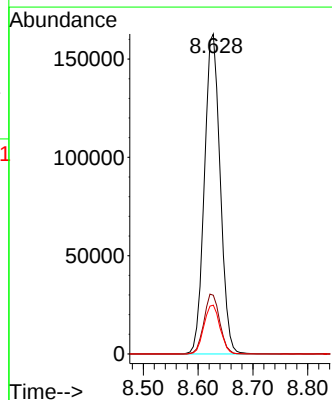
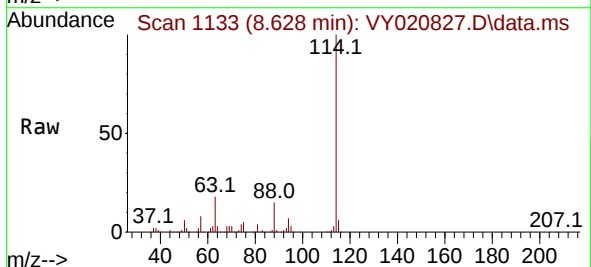
Tgt Ion: 114 Resp: 324695

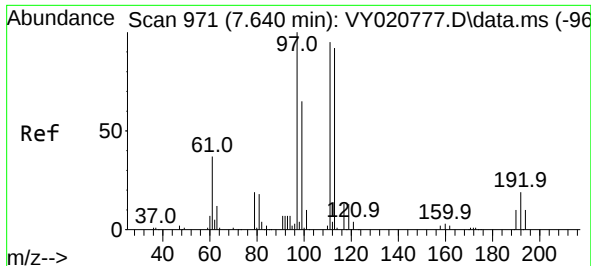
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

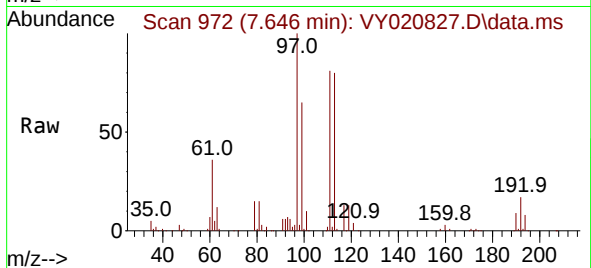
88 15.3 0.0 31.2



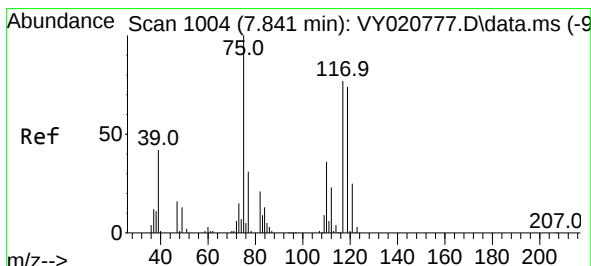
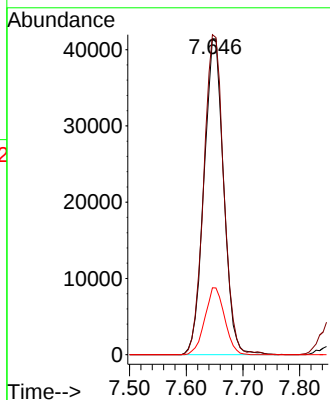
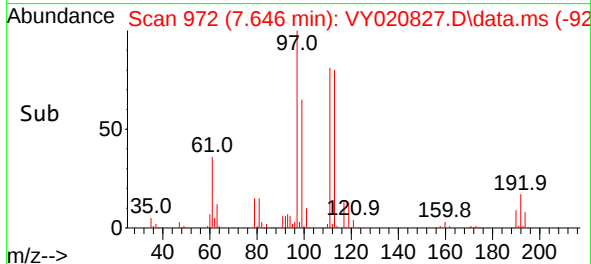


#35  
Dibromofluoromethane  
Concen: 49.044 ug/l  
RT: 7.646 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

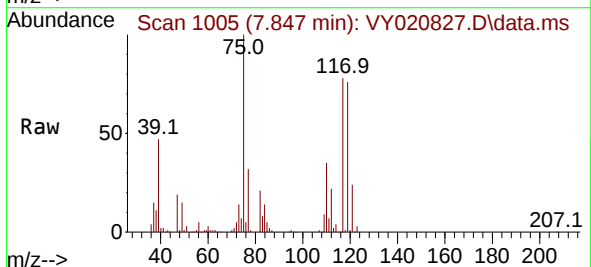
Instrument :  
MSVOA\_Y  
ClientSampleId :



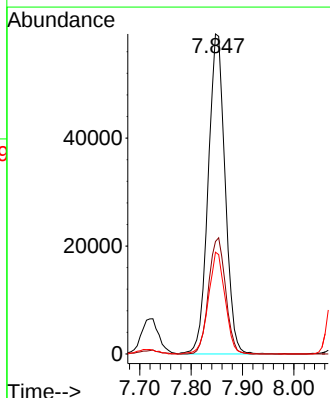
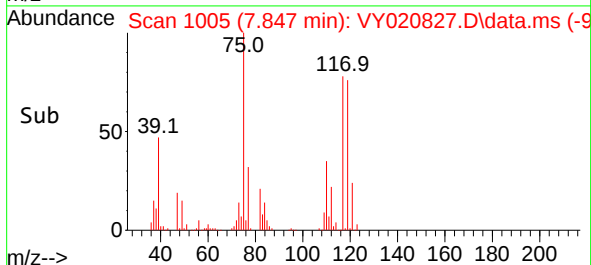
Tgt Ion:113 Resp: 99765  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.7 122.5  
192 21.3 16.7 25.1

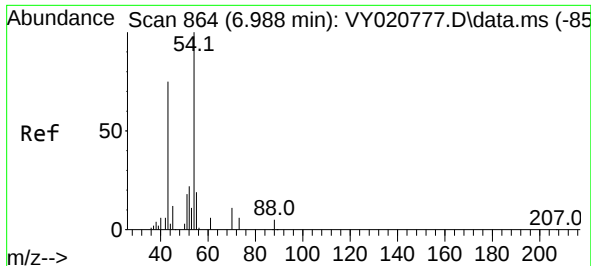


#36  
1,1-Dichloropropene  
Concen: 52.223 ug/l  
RT: 7.847 min Scan# 1005  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42



Tgt Ion: 75 Resp: 135497  
Ion Ratio Lower Upper  
75 100  
110 36.5 18.5 55.5  
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 49.894 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

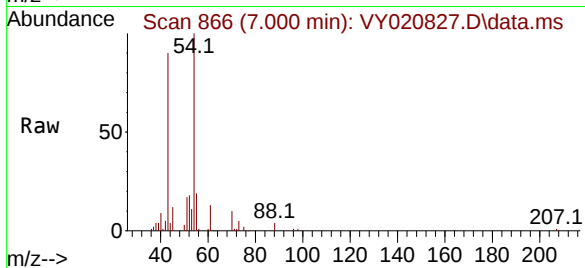
Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :



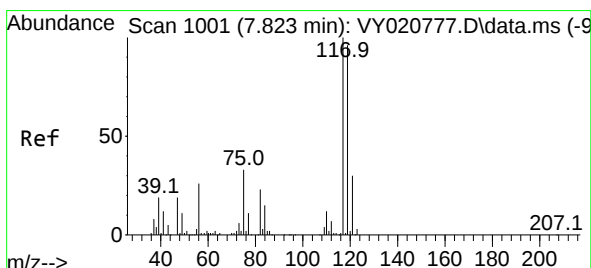
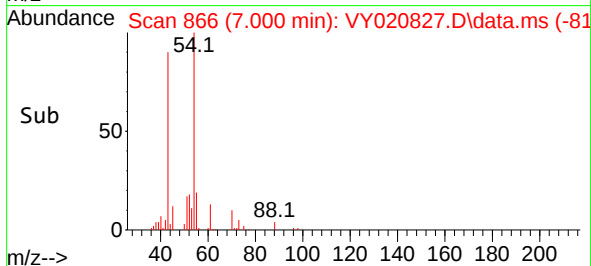
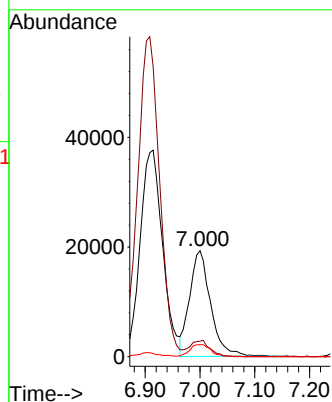
Tgt Ion: 43 Resp: 51516

Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.6

70 11.4 9.8 14.8



#38

Carbon Tetrachloride

Concen: 48.750 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

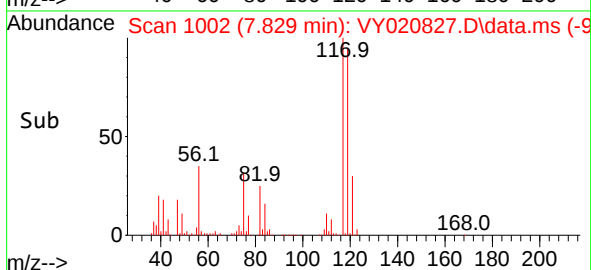
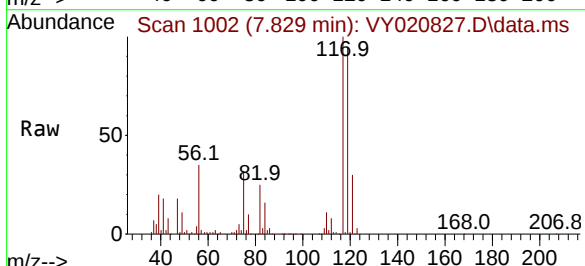
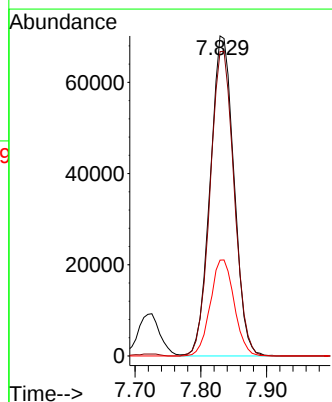
Tgt Ion: 117 Resp: 176071

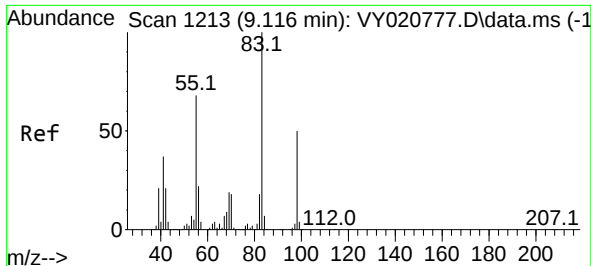
Ion Ratio Lower Upper

117 100

119 95.1 76.5 114.7

121 30.0 24.3 36.5

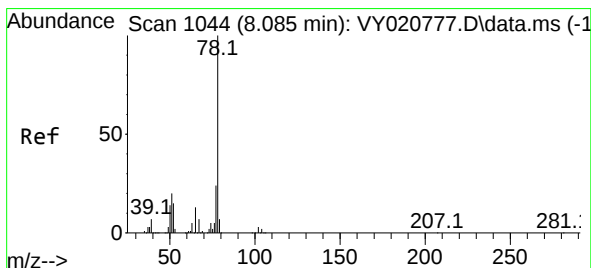
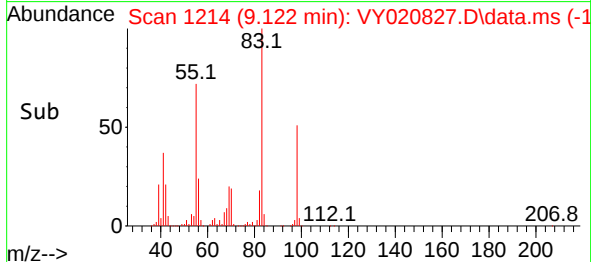
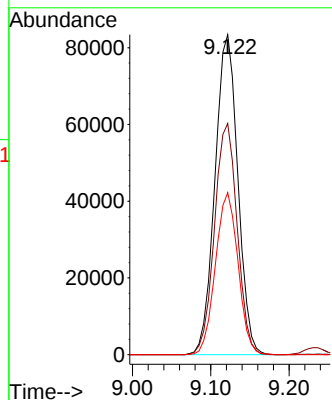
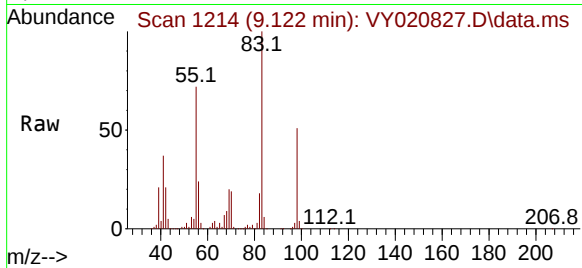




#39  
Methylcyclohexane  
Concen: 53.179 ug/l  
RT: 9.122 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

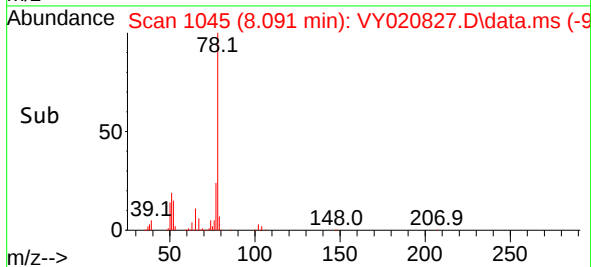
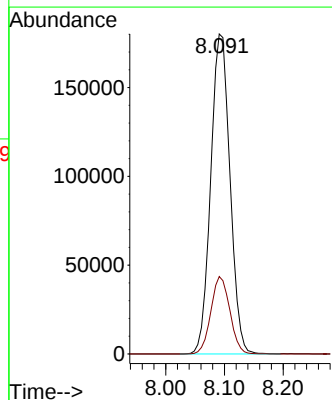
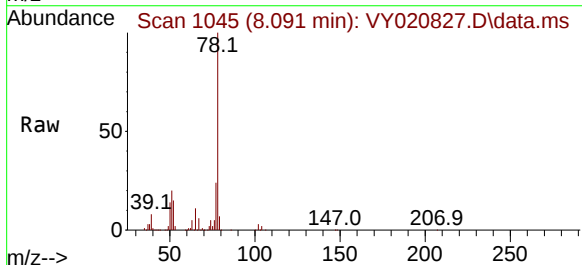
Instrument :  
MSVOA\_Y  
ClientSampleId :

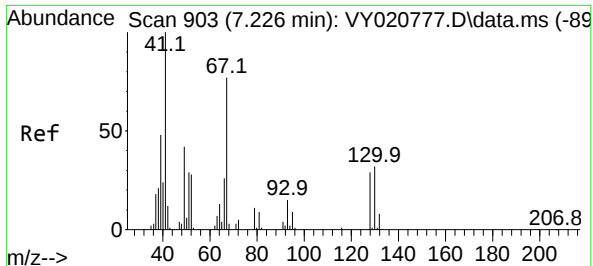
Tgt Ion: 83 Resp: 169317  
Ion Ratio Lower Upper  
83 100  
55 72.2 54.8 82.2  
98 50.6 40.0 60.0



#40  
Benzene  
Concen: 51.515 ug/l  
RT: 8.091 min Scan# 1045  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

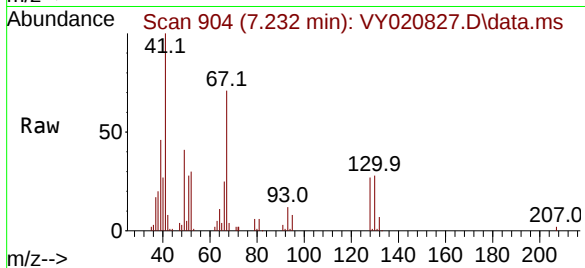
Tgt Ion: 78 Resp: 410221  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.4 29.2



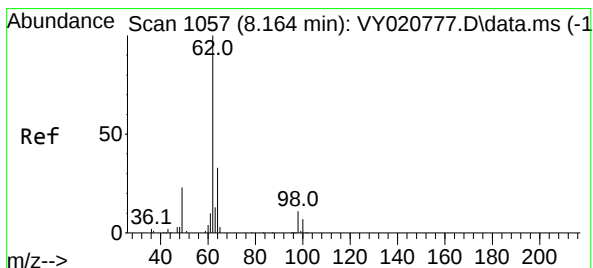
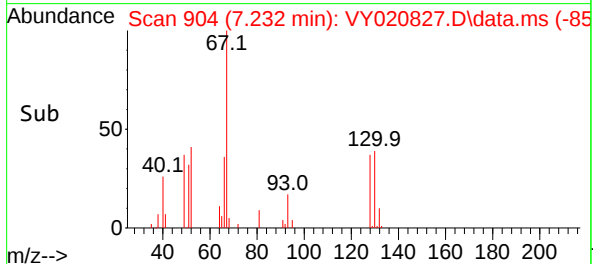
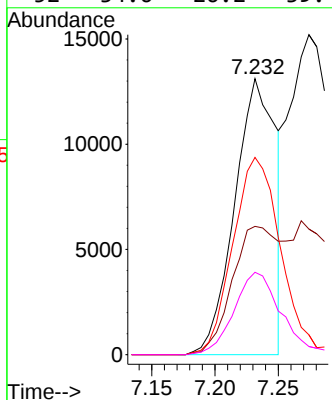


#41  
Methacrylonitrile  
Concen: 50.031 ug/l  
RT: 7.232 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Instrument :  
MSVOA\_Y  
ClientSampleId :

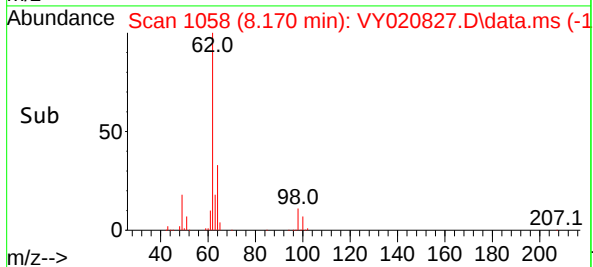
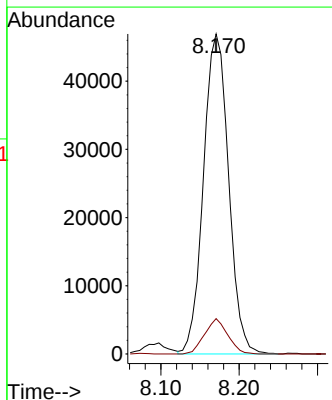
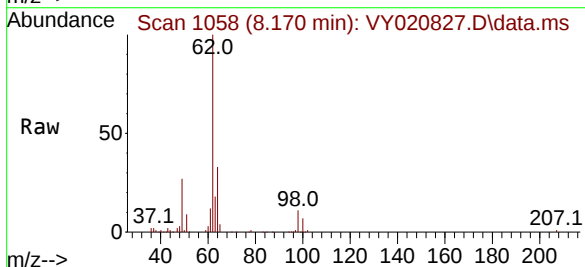


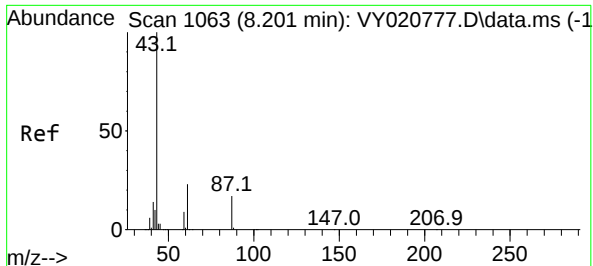
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 29584 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 50.8  | 42.4  | 63.6  |
| 67       | 83.8  | 67.8  | 101.8 |
| 52       | 34.6  | 26.2  | 39.4  |



#42  
1,2-Dichloroethane  
Concen: 48.140 ug/l  
RT: 8.170 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 104689 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.1  | 0.0   | 19.6   |





#43

Isopropyl Acetate

Concen: 50.352 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

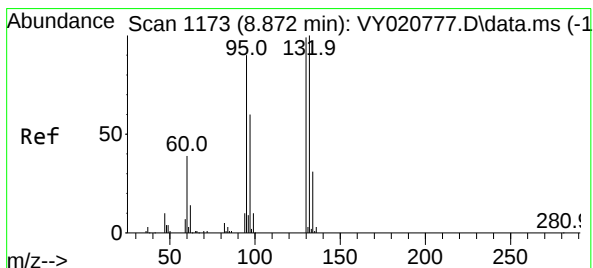
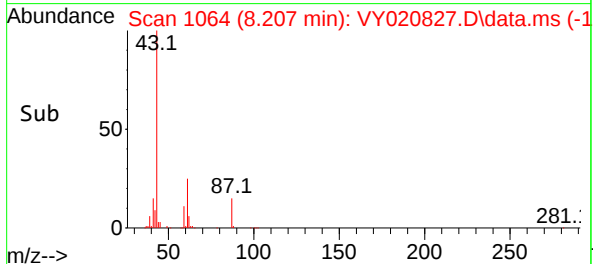
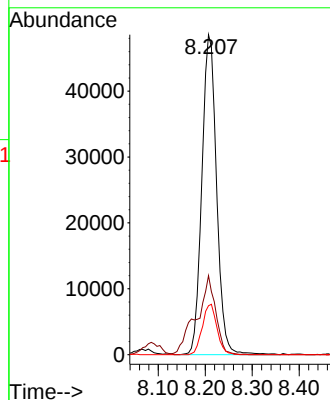
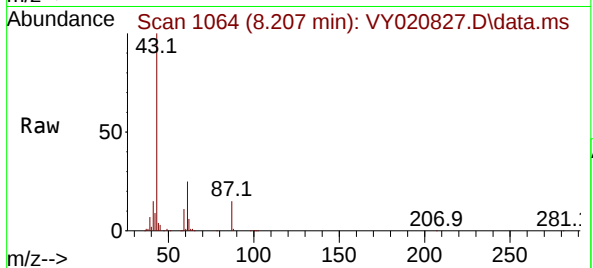
Tgt Ion: 43 Resp: 105745

Ion Ratio Lower Upper

43 100

61 32.2 26.5 39.7

87 15.6 13.4 20.0



#44

Trichloroethene

Concen: 49.908 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY020827.D

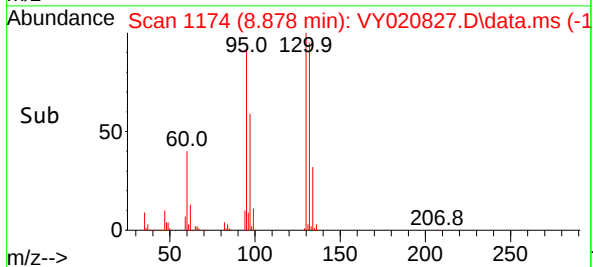
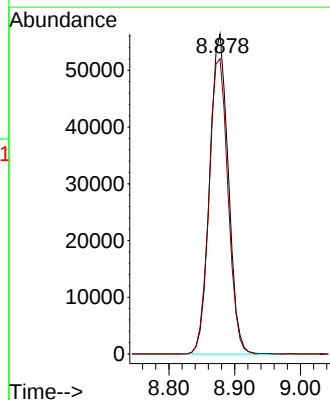
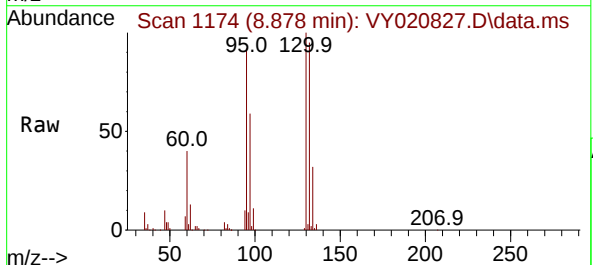
Acq: 15 Jan 2025 09:42

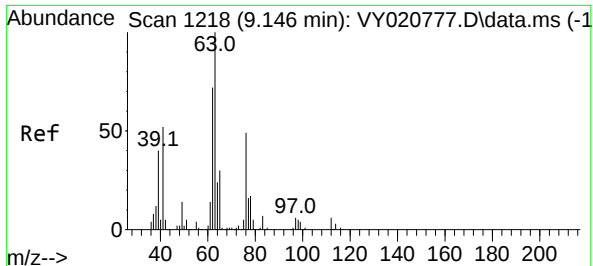
Tgt Ion:130 Resp: 110789

Ion Ratio Lower Upper

130 100

95 92.3 0.0 181.0





#45

1,2-Dichloropropane

Concen: 53.036 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

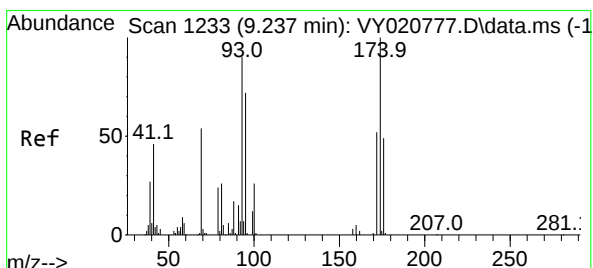
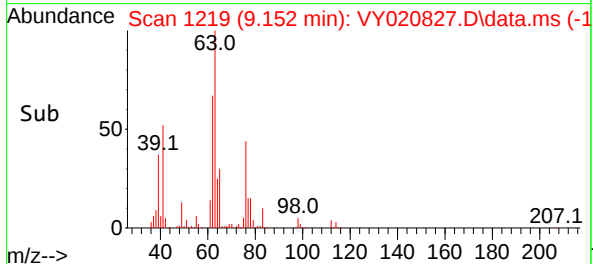
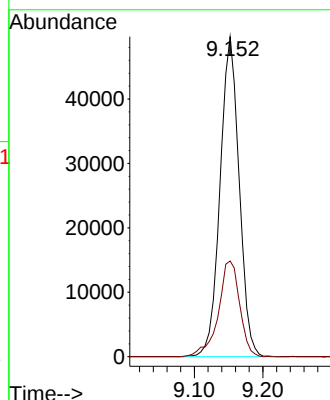
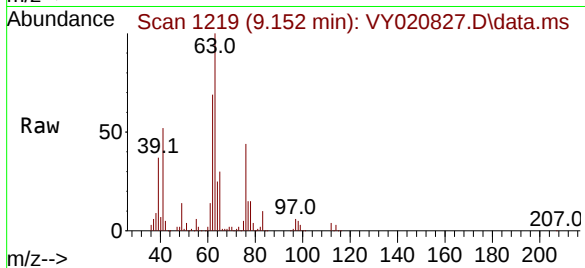
ClientSampleId :

Tgt Ion: 63 Resp: 95743

Ion Ratio Lower Upper

63 100

65 29.9 24.2 36.4



#46

Dibromomethane

Concen: 48.869 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

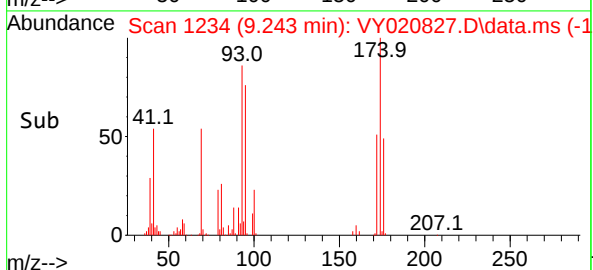
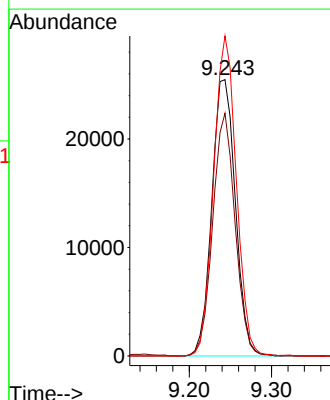
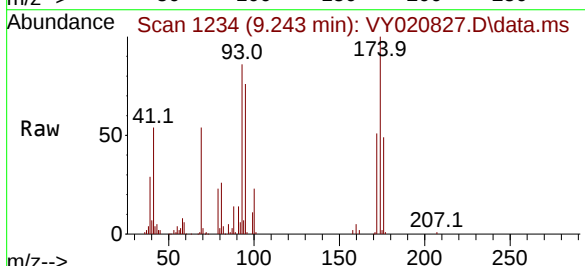
Tgt Ion: 93 Resp: 50660

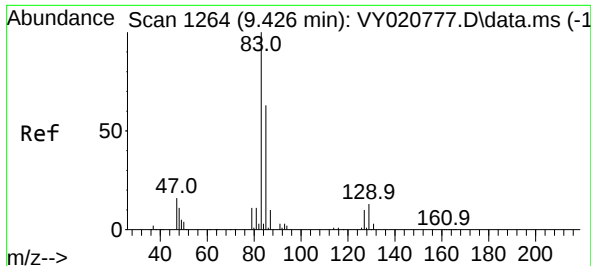
Ion Ratio Lower Upper

93 100

95 83.6 68.2 102.4

174 111.2 89.0 133.6

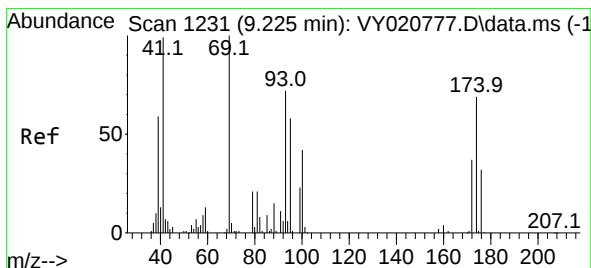
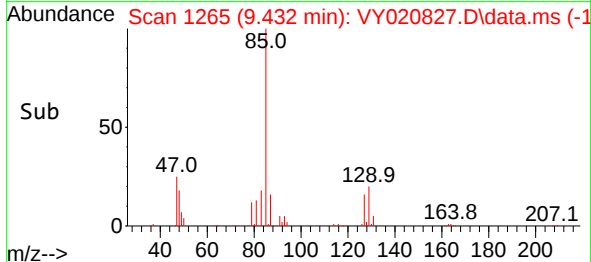
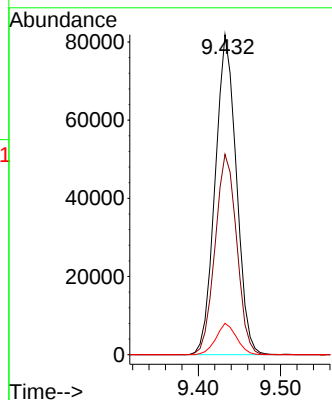
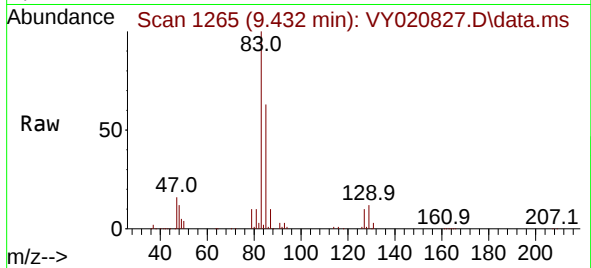




#47  
Bromodichloromethane  
Concen: 49.511 ug/l  
RT: 9.432 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

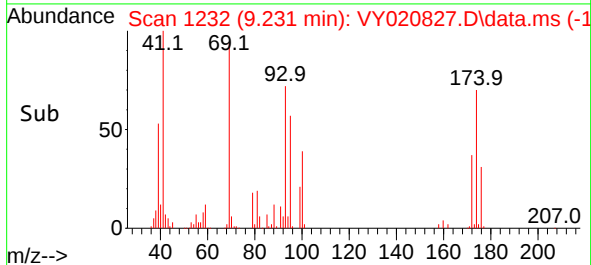
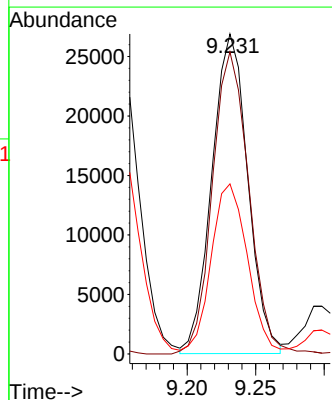
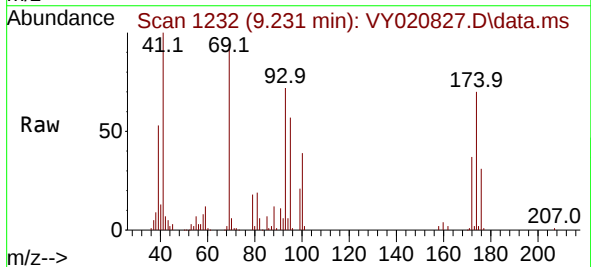
Instrument :  
MSVOA\_Y  
ClientSampleId :

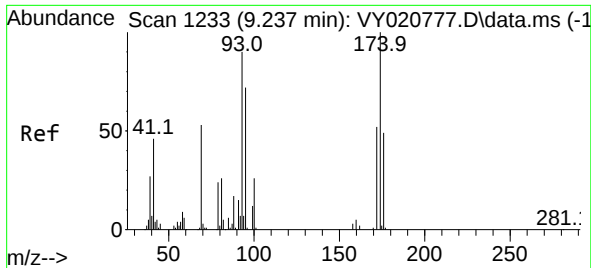
Tgt Ion: 83 Resp: 146992  
Ion Ratio Lower Upper  
83 100  
85 62.6 50.7 76.1  
127 9.8 7.9 11.9



#48  
Methyl methacrylate  
Concen: 52.104 ug/l  
RT: 9.231 min Scan# 1232  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 41 Resp: 49056  
Ion Ratio Lower Upper  
41 100  
69 95.6 78.9 118.3  
39 51.8 44.6 67.0





#49

1,4-Dioxane

Concen: 969.429 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

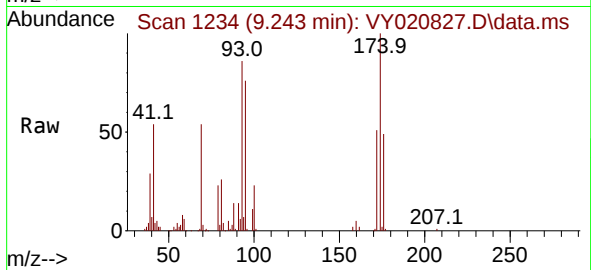
Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :



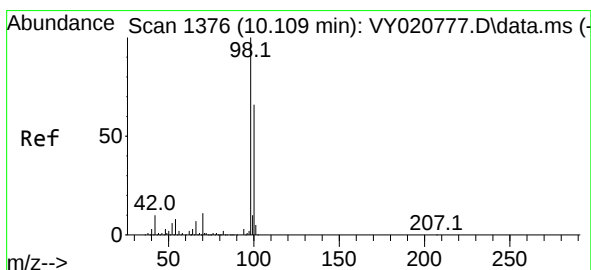
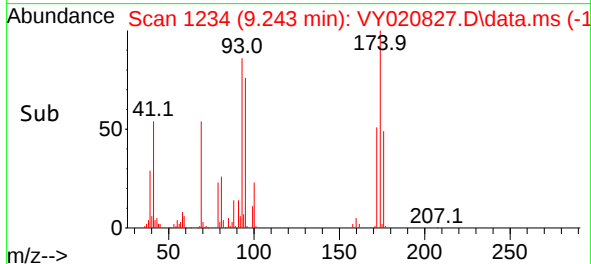
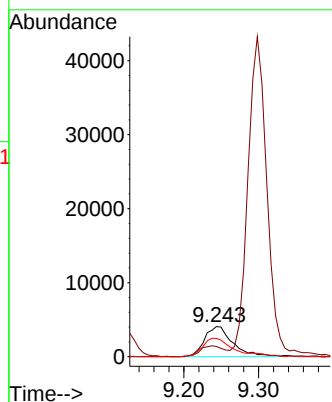
Tgt Ion: 88 Resp: 10670

Ion Ratio Lower Upper

88 100

43 32.0 24.4 36.6

58 67.5 51.0 76.6



#50

Toluene-d8

Concen: 53.774 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020827.D

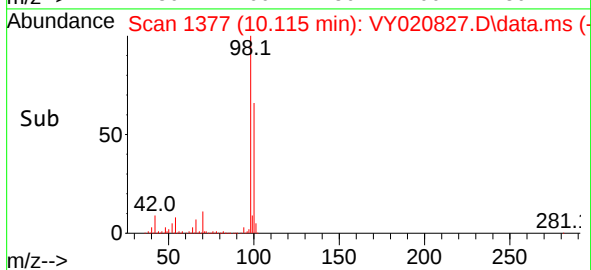
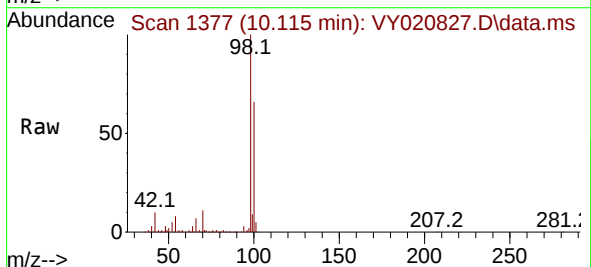
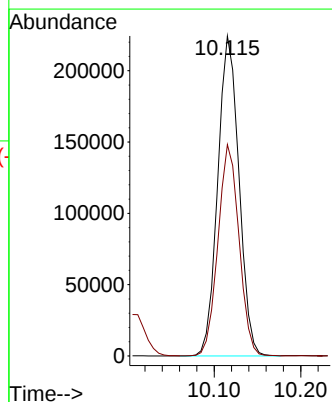
Acq: 15 Jan 2025 09:42

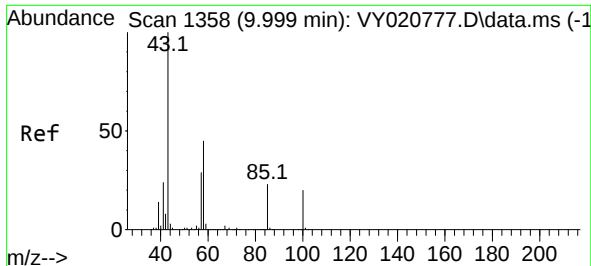
Tgt Ion: 98 Resp: 381325

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

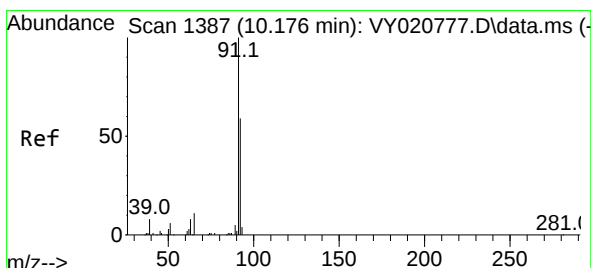
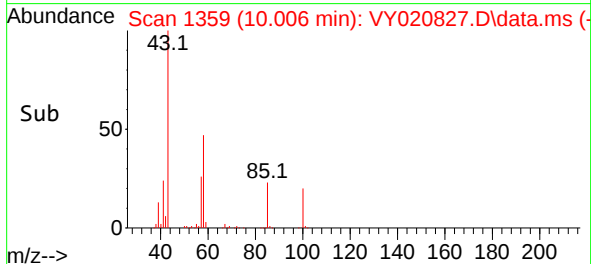
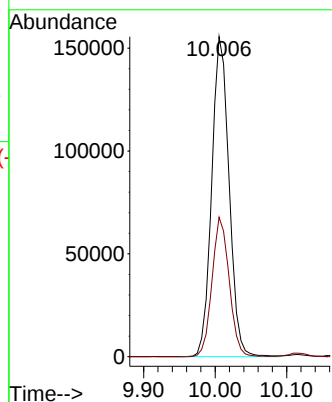
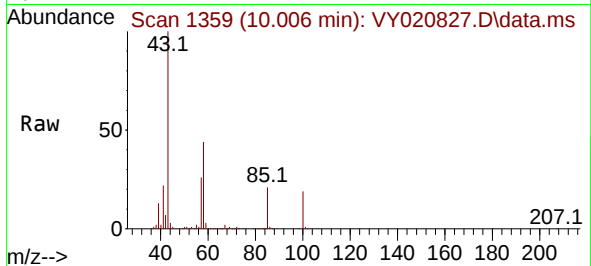




#51  
4-Methyl-2-Pentanone  
Concen: 250.099 ug/l  
RT: 10.006 min Scan# 1359  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

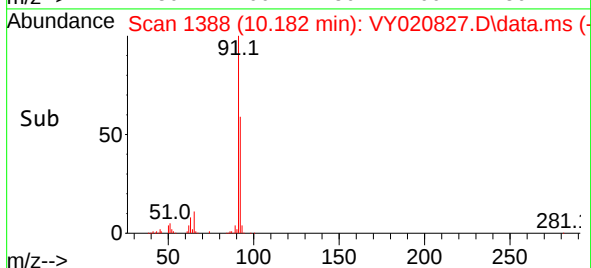
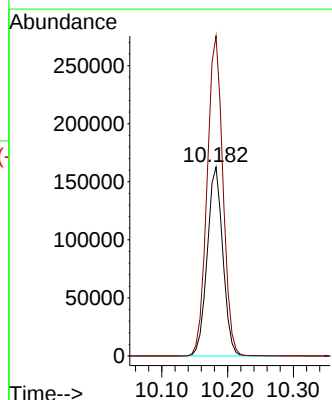
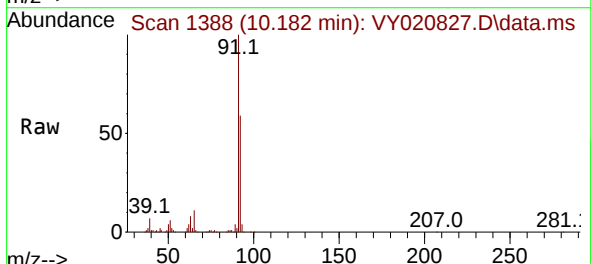
Instrument :  
MSVOA\_Y  
ClientSampleId :

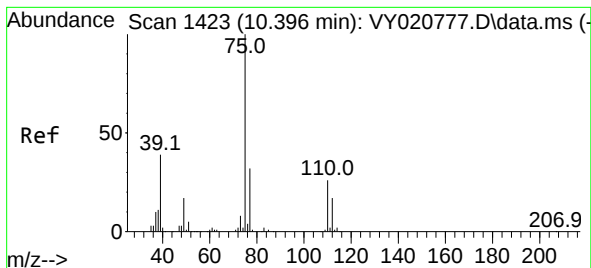
Tgt Ion: 43 Resp: 262400  
Ion Ratio Lower Upper  
43 100  
58 43.1 34.8 52.2



#52  
Toluene  
Concen: 50.844 ug/l  
RT: 10.182 min Scan# 1388  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 92 Resp: 268110  
Ion Ratio Lower Upper  
92 100  
91 171.7 136.6 204.8

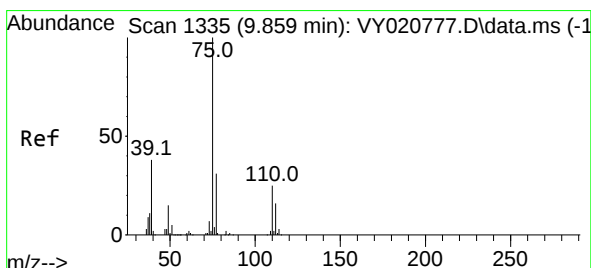
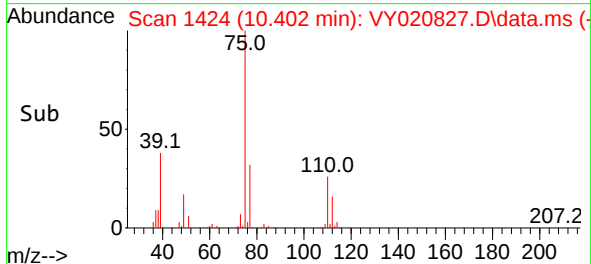
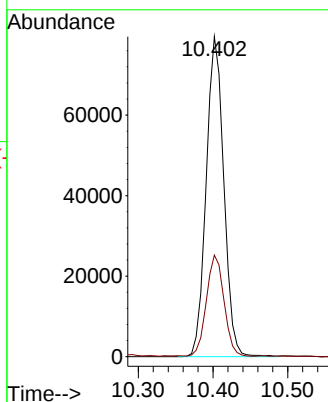
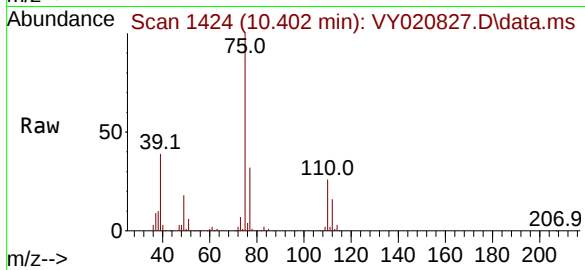




#53  
 t-1,3-Dichloropropene  
 Concen: 49.282 ug/l  
 RT: 10.402 min Scan# 1424  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42

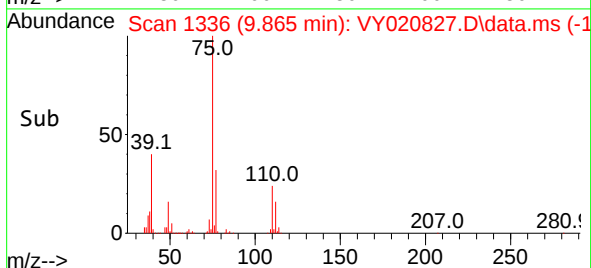
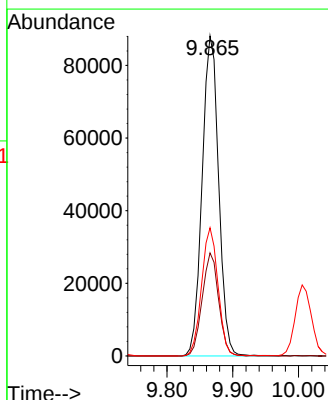
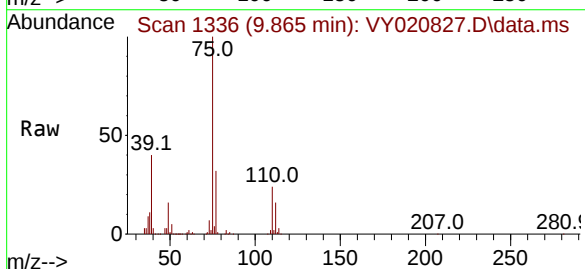
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

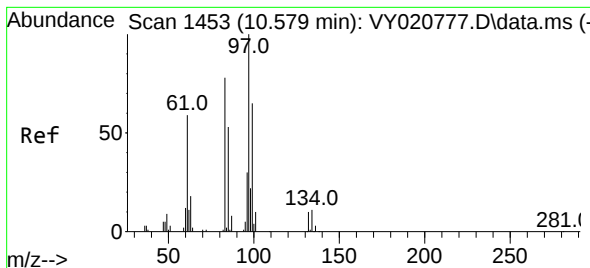
Tgt Ion: 75 Resp: 130133  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.2 37.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.227 ug/l  
 RT: 9.865 min Scan# 1336  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42

Tgt Ion: 75 Resp: 154030  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 24.5 36.7  
 39 40.0 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 49.425 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 73198

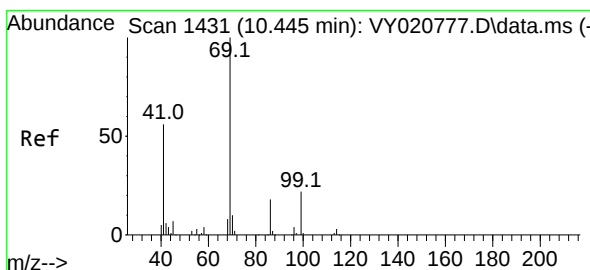
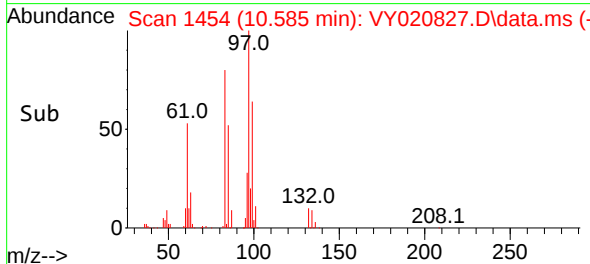
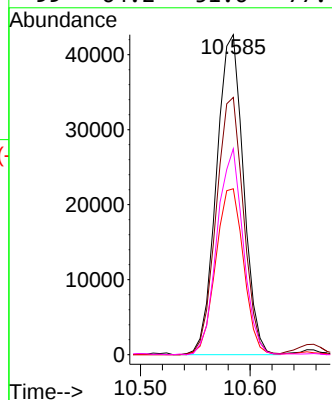
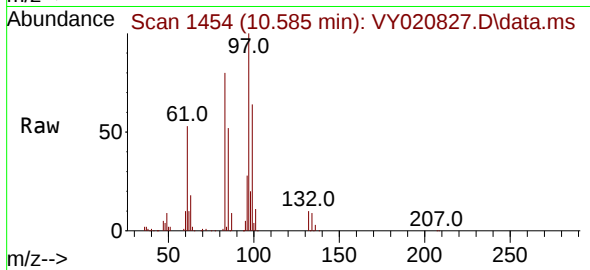
Ion Ratio Lower Upper

97 100

83 80.4 62.8 94.2

85 51.9 42.4 63.6

99 64.2 51.6 77.4



#56

Ethyl methacrylate

Concen: 50.701 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

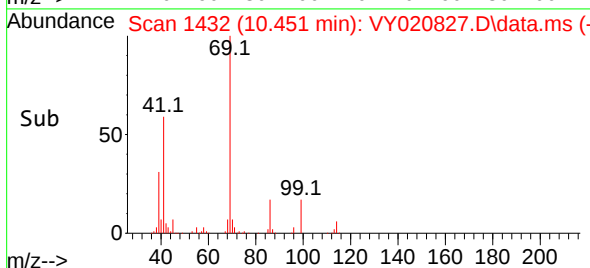
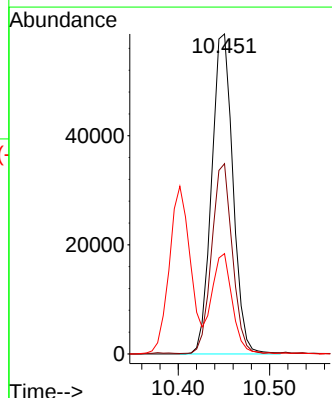
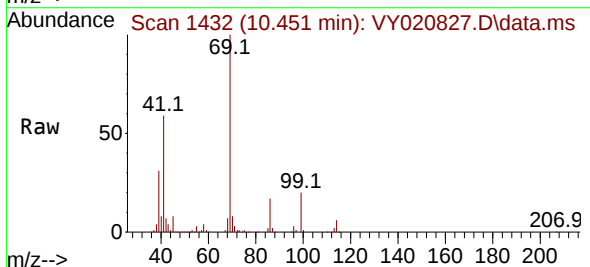
Tgt Ion: 69 Resp: 94830

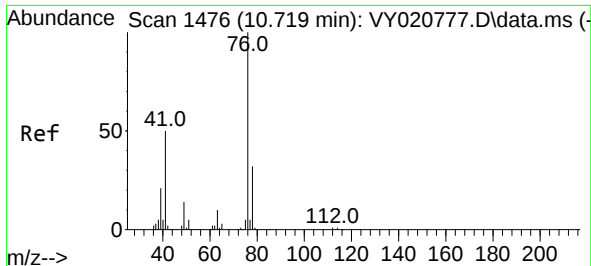
Ion Ratio Lower Upper

69 100

41 57.6 46.6 69.8

39 29.9 25.7 38.5





#57

1,3-Dichloropropane

Concen: 50.056 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

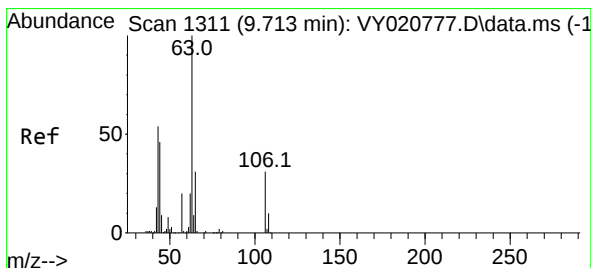
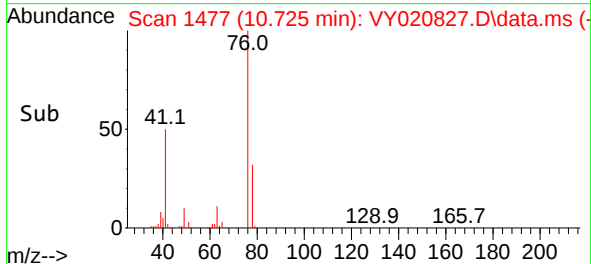
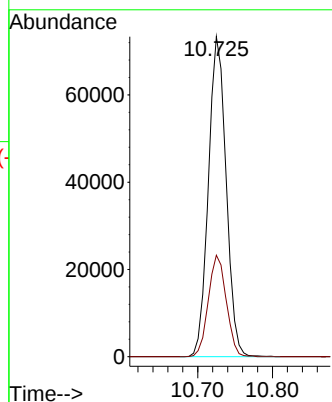
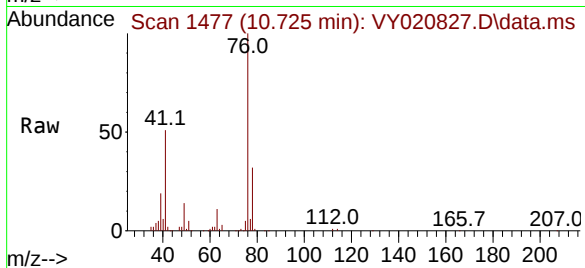
ClientSampleId :

Tgt Ion: 76 Resp: 120839

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 230.698 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020827.D

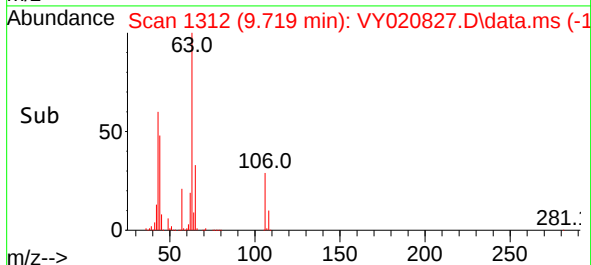
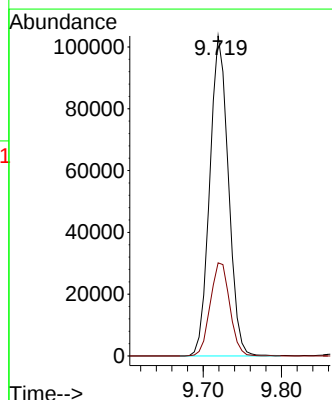
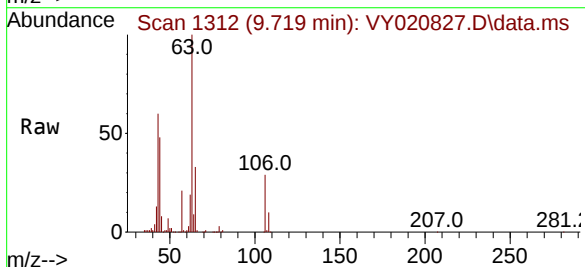
Acq: 15 Jan 2025 09:42

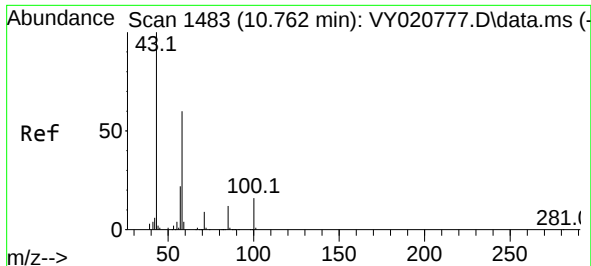
Tgt Ion: 63 Resp: 171176

Ion Ratio Lower Upper

63 100

106 30.4 25.9 38.9

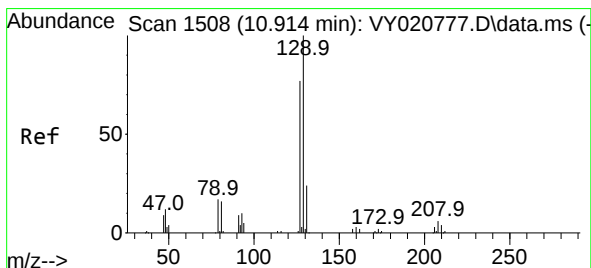
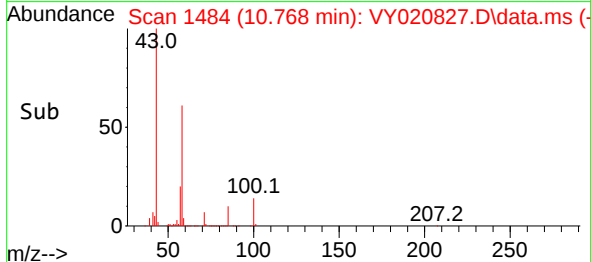
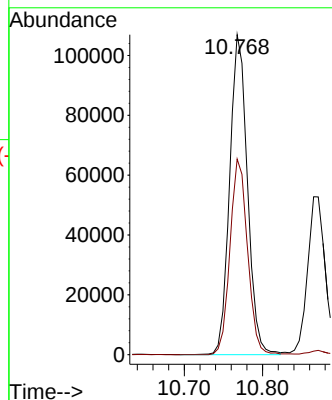
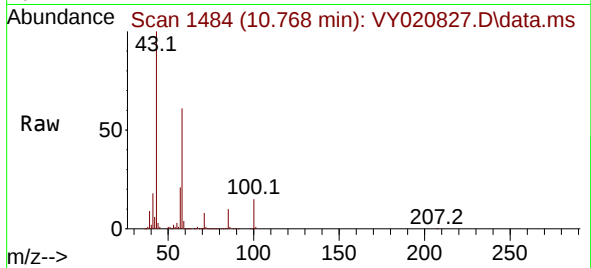




#59  
2-Hexanone  
Concen: 249.912 ug/l  
RT: 10.768 min Scan# 1483  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

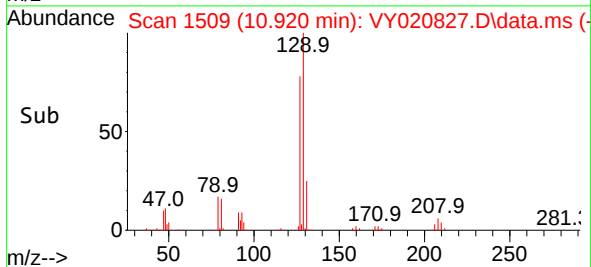
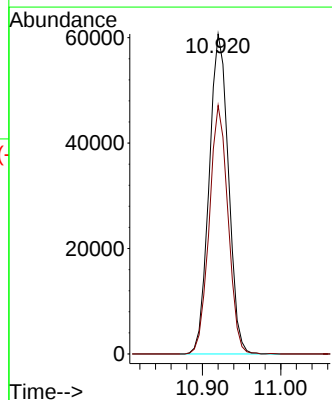
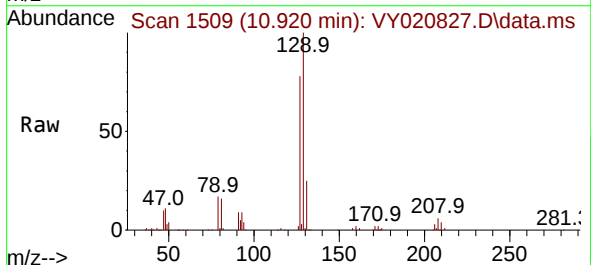
Instrument :  
MSVOA\_Y  
ClientSampleId :

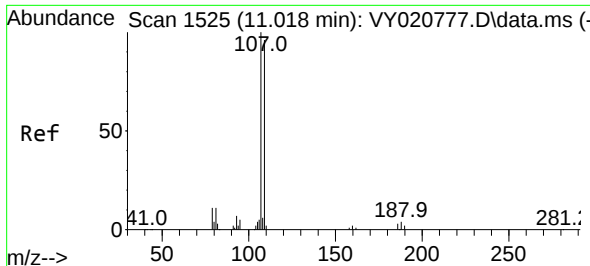
Tgt Ion: 43 Resp: 168216  
Ion Ratio Lower Upper  
43 100  
58 60.5 30.6 92.0



#60  
Dibromochloromethane  
Concen: 48.386 ug/l  
RT: 10.920 min Scan# 1509  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion:129 Resp: 103929  
Ion Ratio Lower Upper  
129 100  
127 75.3 38.3 114.9

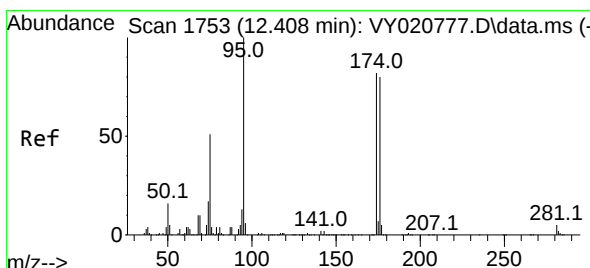
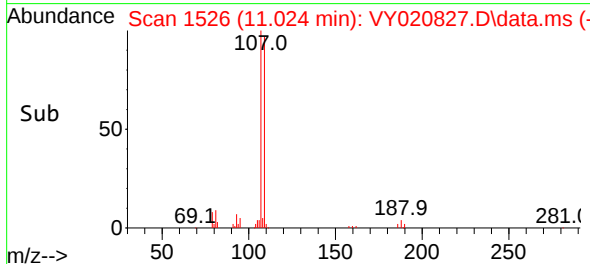
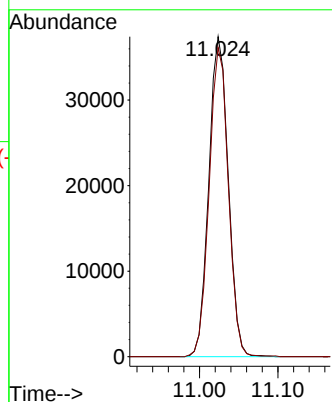
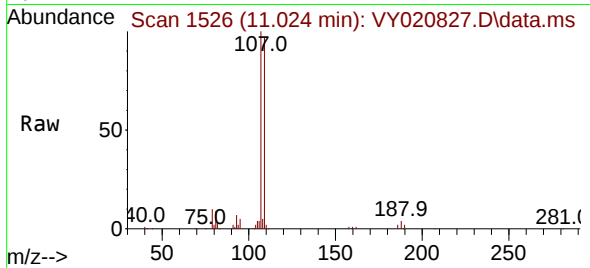




#61  
1,2-Dibromoethane  
Concen: 48.450 ug/l  
RT: 11.024 min Scan# 1526  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

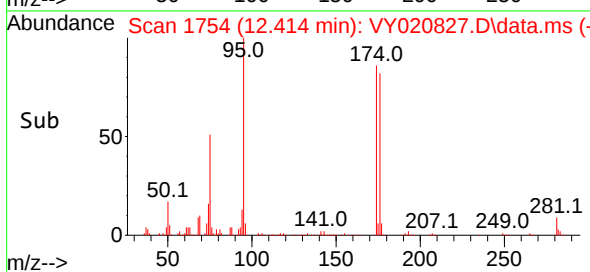
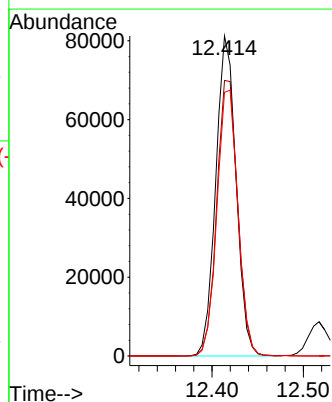
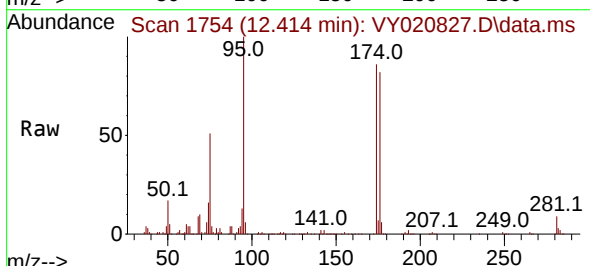
Instrument :  
MSVOA\_Y  
ClientSampleId :

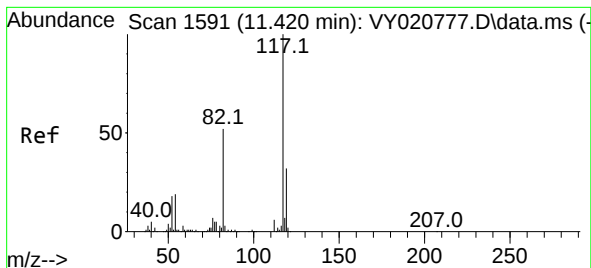
Tgt Ion:107 Resp: 64419  
Ion Ratio Lower Upper  
107 100  
109 95.5 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 47.844 ug/l  
RT: 12.414 min Scan# 1754  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 95 Resp: 125287  
Ion Ratio Lower Upper  
95 100  
174 89.1 0.0 178.0  
176 86.2 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

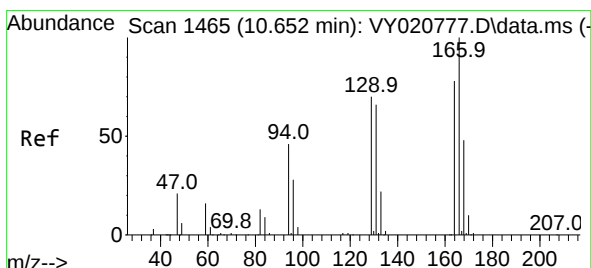
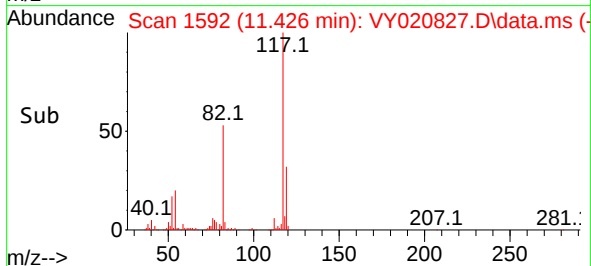
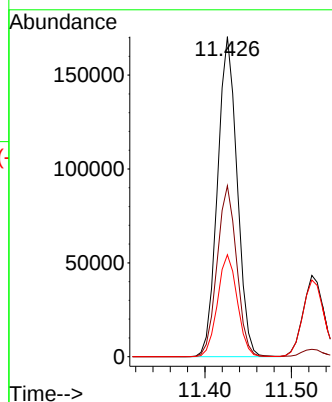
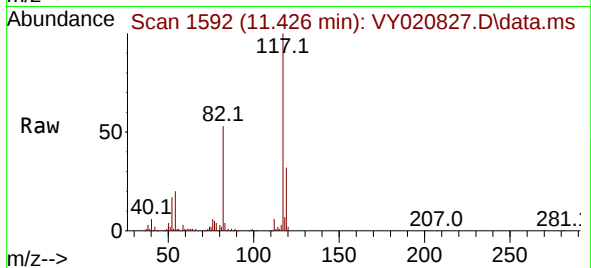
Tgt Ion:117 Resp: 267827

Ion Ratio Lower Upper

117 100

82 53.4 41.8 62.6

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 50.823 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Tgt Ion:164 Resp: 100075

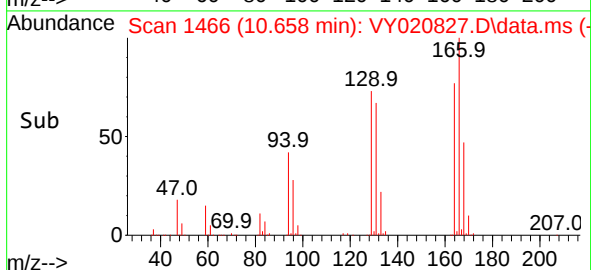
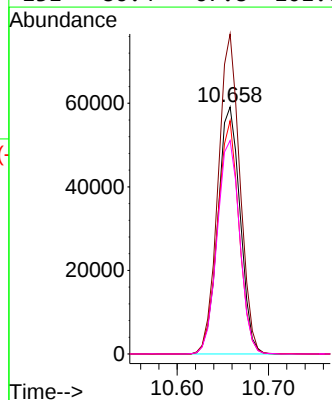
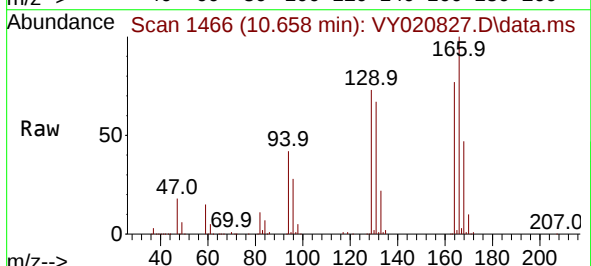
Ion Ratio Lower Upper

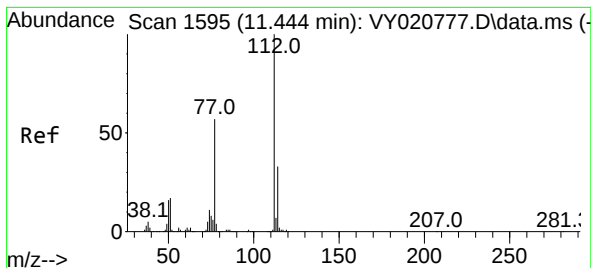
164 100

166 129.5 102.0 153.0

129 94.4 71.4 107.2

131 86.4 67.8 101.6





#65

Chlorobenzene

Concen: 50.018 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

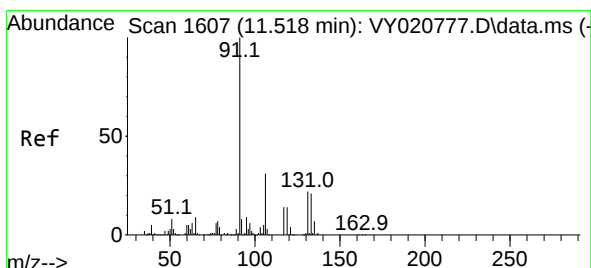
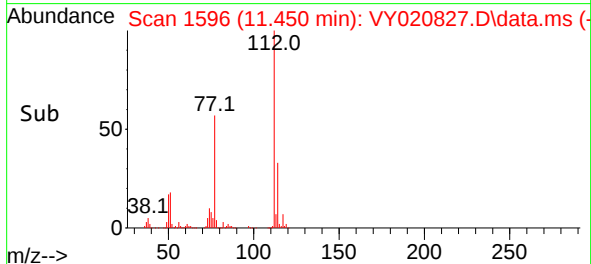
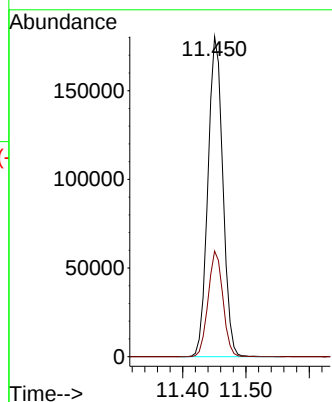
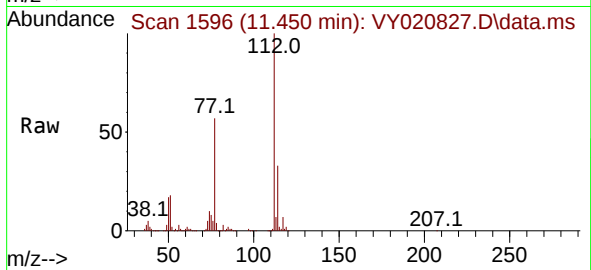
ClientSampleId :

Tgt Ion:112 Resp: 296190

Ion Ratio Lower Upper

112 100

114 33.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.870 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

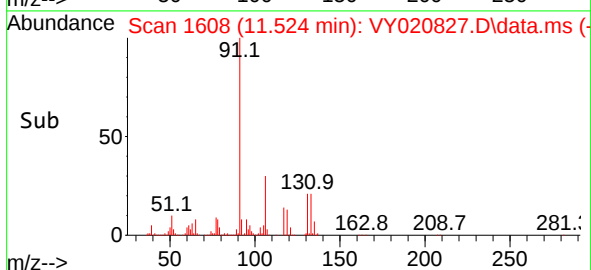
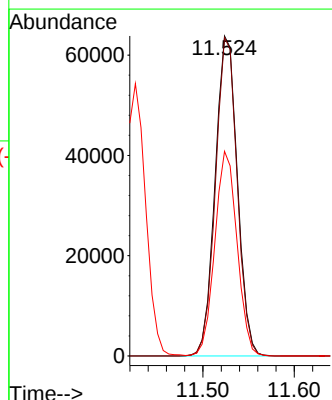
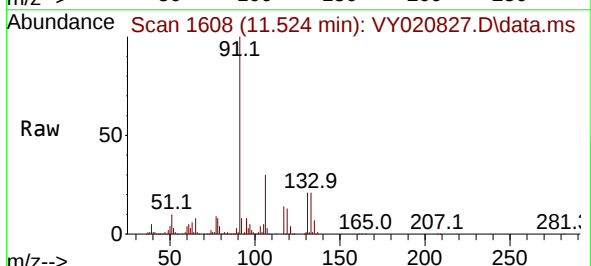
Tgt Ion:131 Resp: 107914

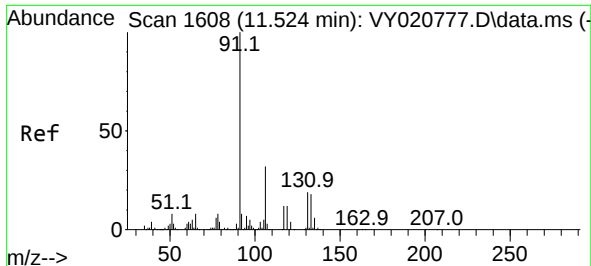
Ion Ratio Lower Upper

131 100

133 97.0 46.9 140.8

119 63.9 30.2 90.6





#67

Ethyl Benzene

Concen: 50.887 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

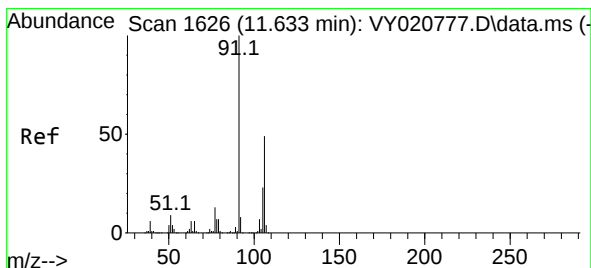
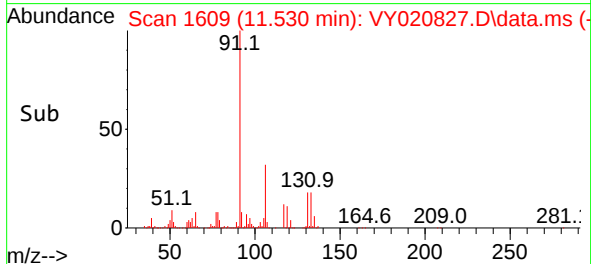
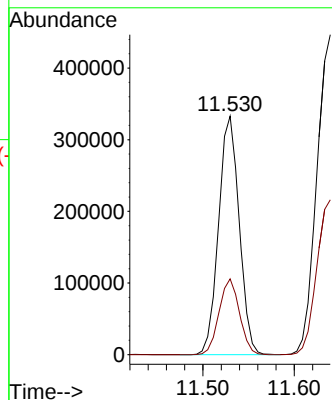
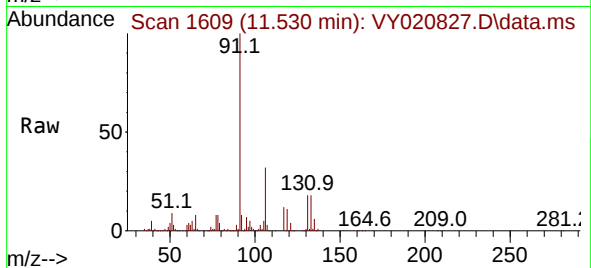
ClientSampleId :

Tgt Ion: 91 Resp: 521703

Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3



#68

m/p-Xylenes

Concen: 100.730 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020827.D

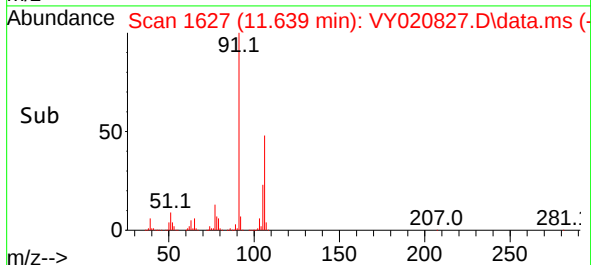
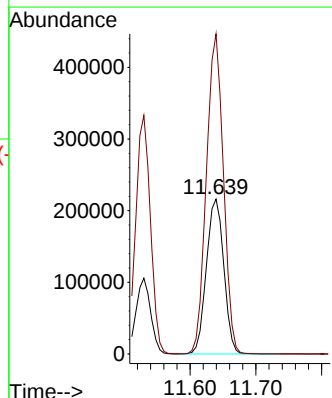
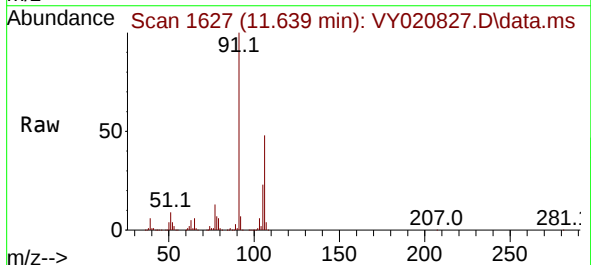
Acq: 15 Jan 2025 09:42

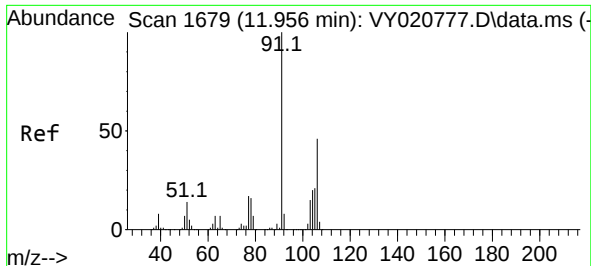
Tgt Ion:106 Resp: 397610

Ion Ratio Lower Upper

106 100

91 202.5 162.6 243.8

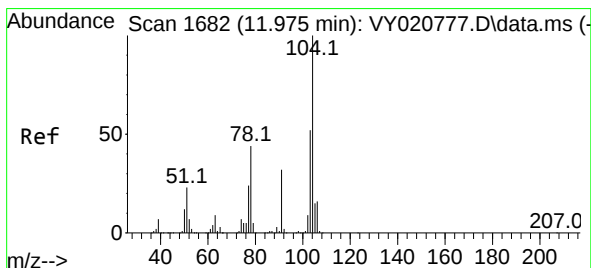
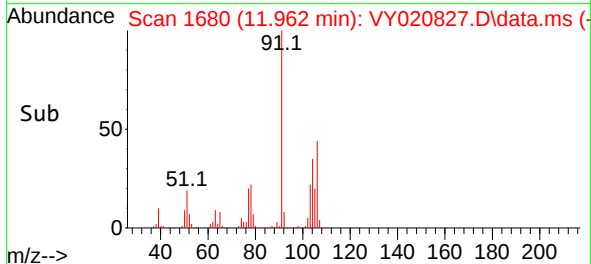
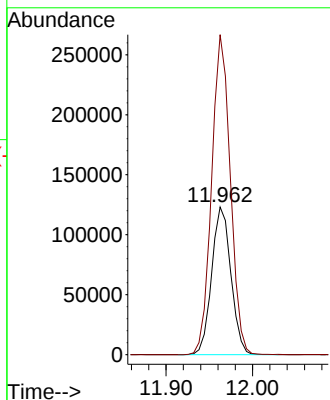
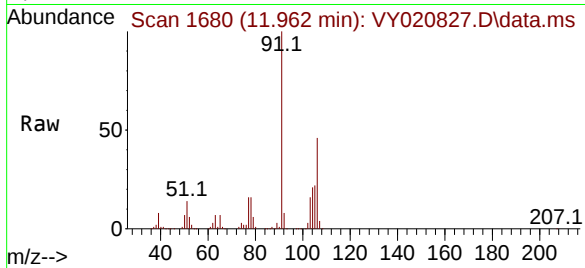




#69  
o-Xylene  
Concen: 50.665 ug/l  
RT: 11.962 min Scan# 1679  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

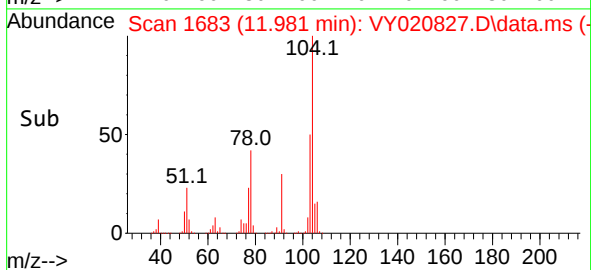
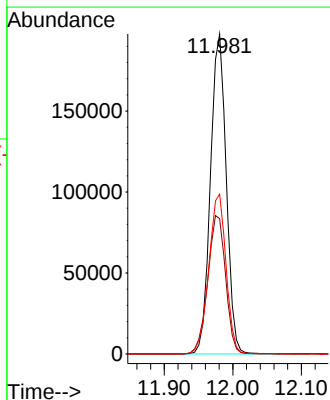
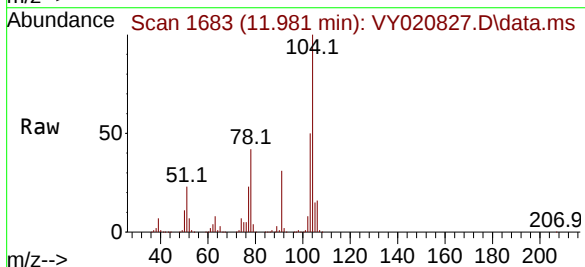
Instrument :  
MSVOA\_Y  
ClientSampleId :

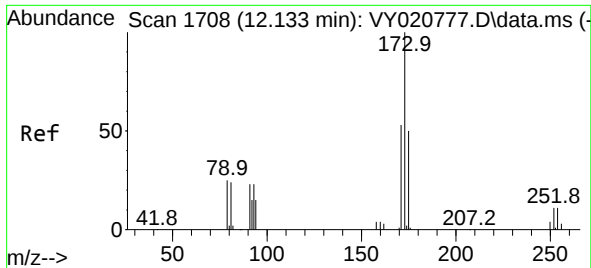
Tgt Ion:106 Resp: 189619  
Ion Ratio Lower Upper  
106 100  
91 211.0 108.2 324.6



#70  
Styrene  
Concen: 50.283 ug/l  
RT: 11.981 min Scan# 1683  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

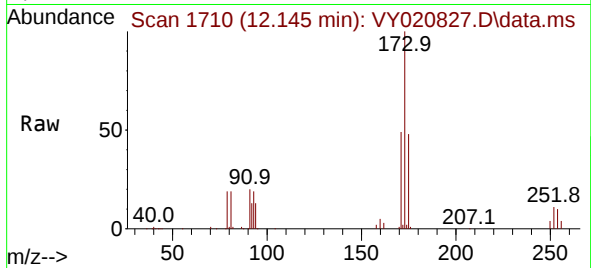
Tgt Ion:104 Resp: 316784  
Ion Ratio Lower Upper  
104 100  
78 48.8 39.4 59.2  
103 54.5 44.0 66.0



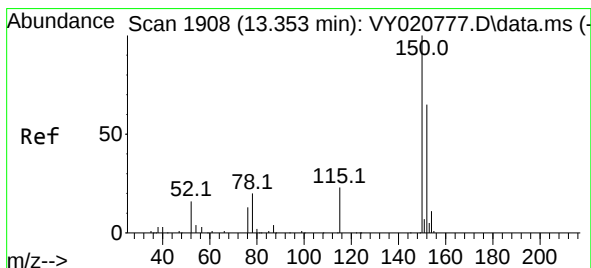
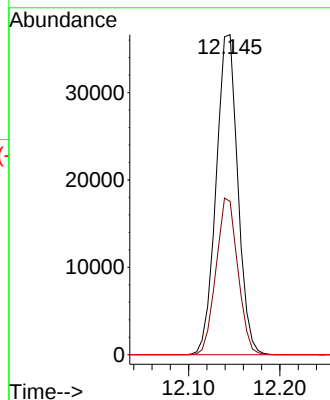
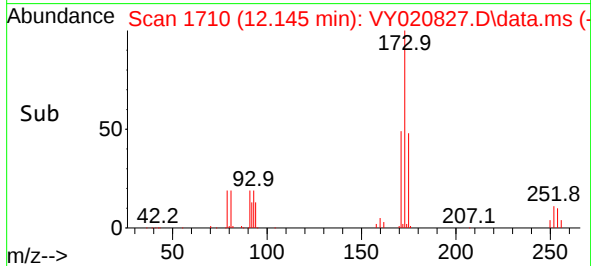


#71  
Bromoform  
Concen: 47.158 ug/l  
RT: 12.145 min Scan# 1708  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

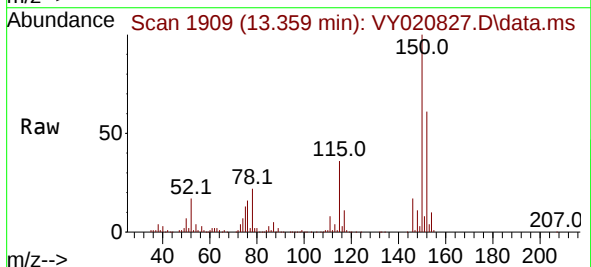
Instrument :  
MSVOA\_Y  
ClientSampleId :



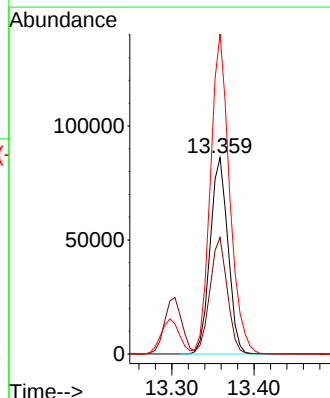
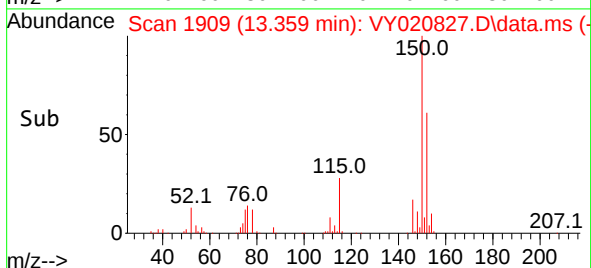
Tgt Ion:173 Resp: 60434  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.2 72.6  
254 0.0 0.0 0.0

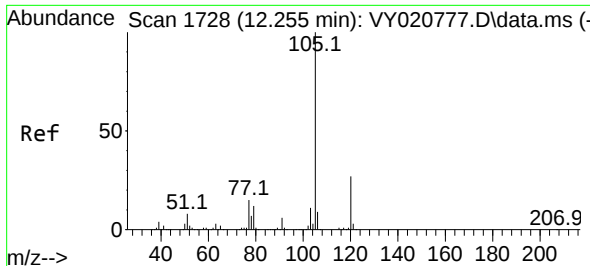


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.359 min Scan# 1909  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42



Tgt Ion:152 Resp: 129762  
Ion Ratio Lower Upper  
152 100  
115 57.7 29.0 87.0  
150 175.0 0.0 347.4

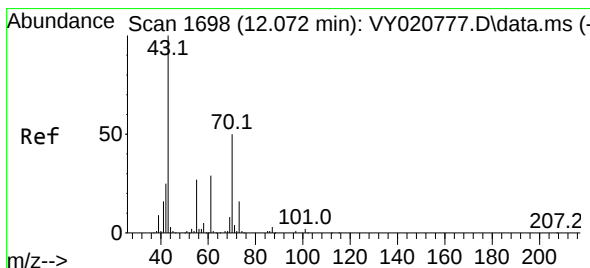
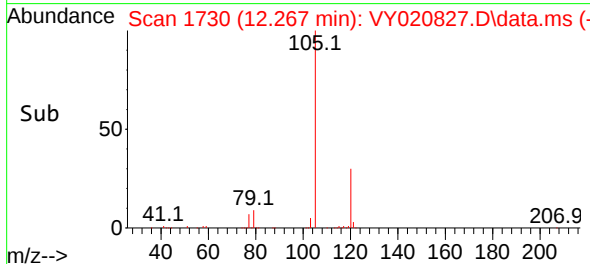
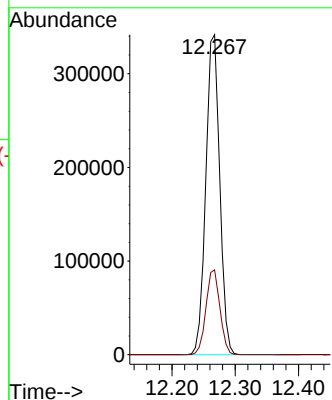
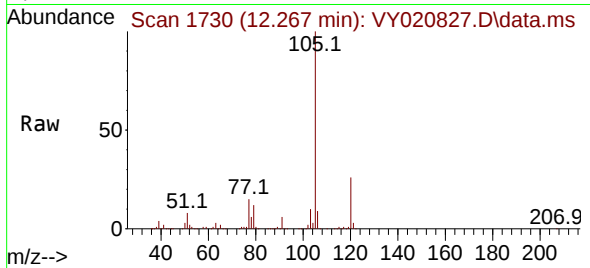




#73  
Isopropylbenzene  
Concen: 50.852 ug/l  
RT: 12.267 min Scan# 1730  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

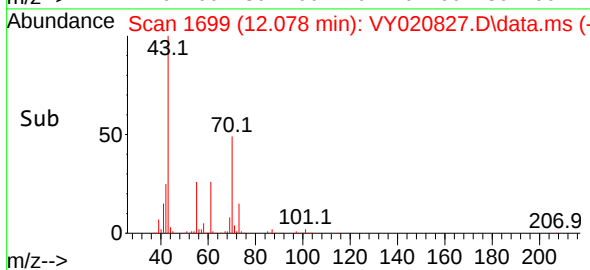
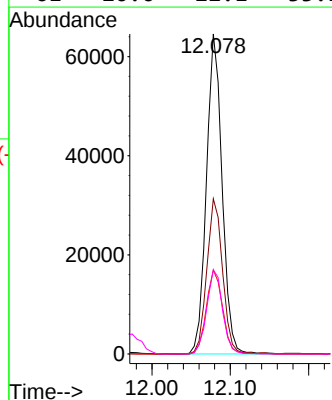
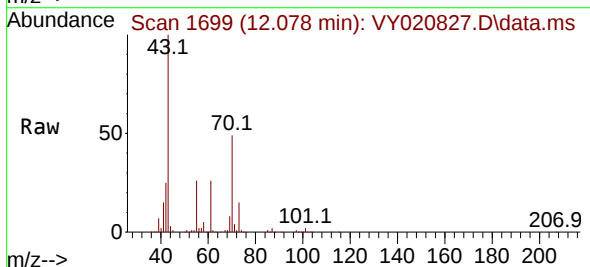
Instrument :  
MSVOA\_Y  
ClientSampleId :

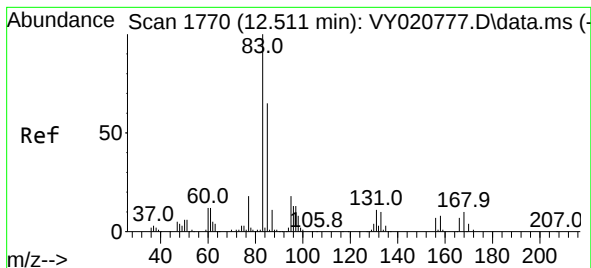
Tgt Ion:105 Resp: 523488  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.3 39.9



#74  
N-ethyl acetate  
Concen: 53.219 ug/l  
RT: 12.078 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 43 Resp: 89615  
Ion Ratio Lower Upper  
43 100  
70 48.6 40.2 60.4  
55 27.4 21.2 31.8  
61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.283 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

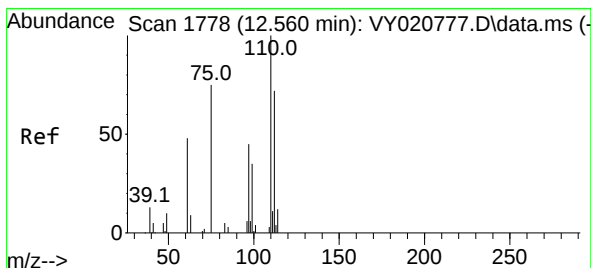
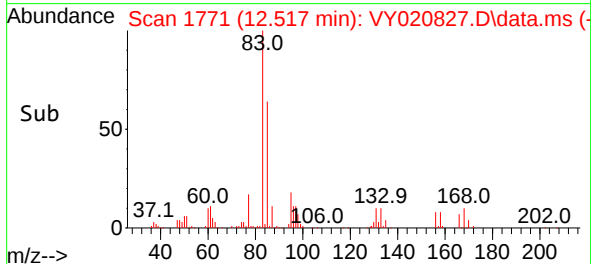
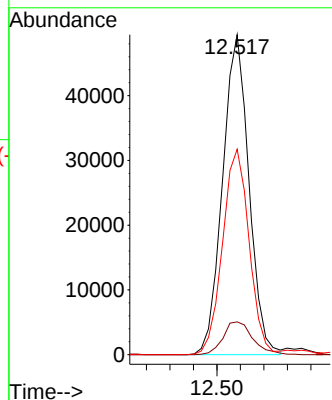
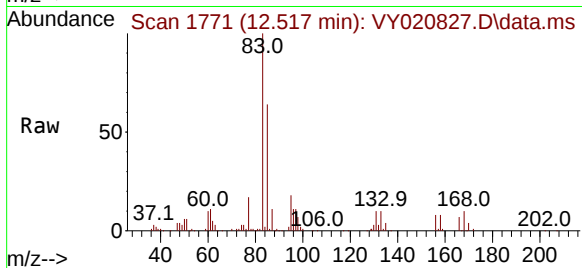
Tgt Ion: 83 Resp: 76894

Ion Ratio Lower Upper

83 100

131 11.6 6.0 18.0

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 88.215 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020827.D

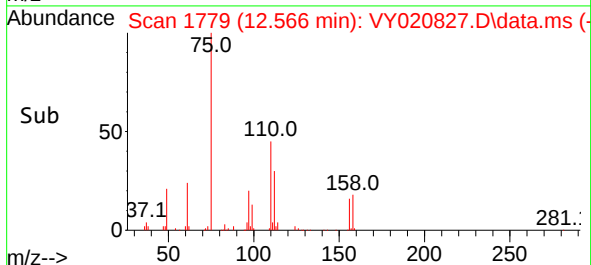
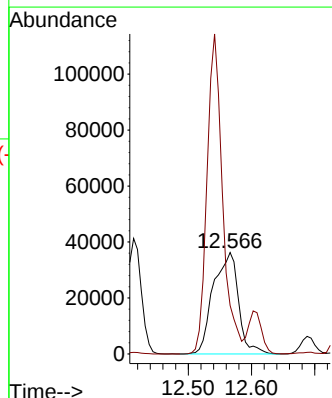
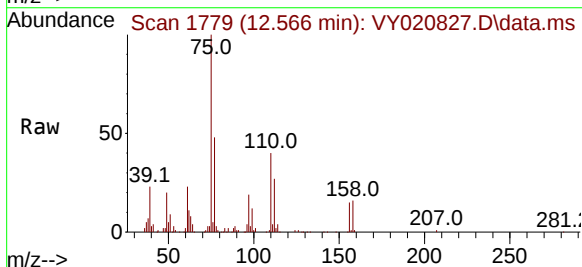
Acq: 15 Jan 2025 09:42

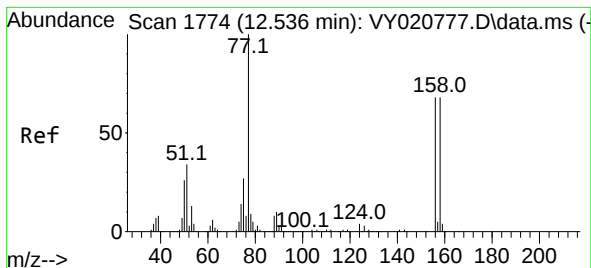
Tgt Ion: 75 Resp: 100158

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.398 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

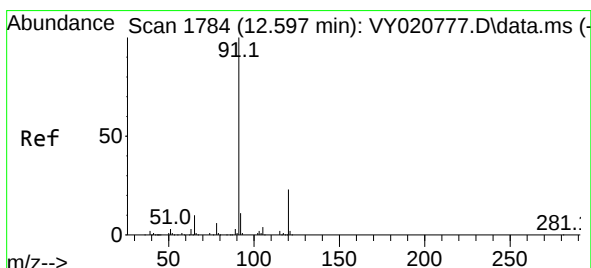
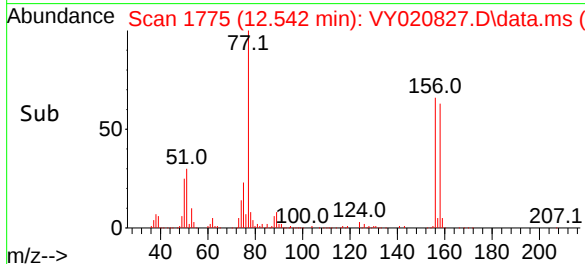
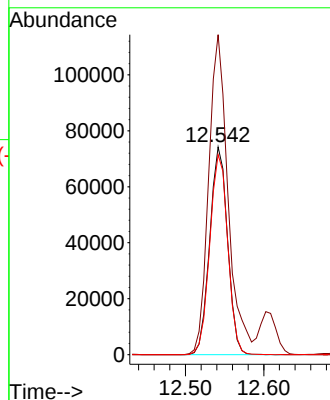
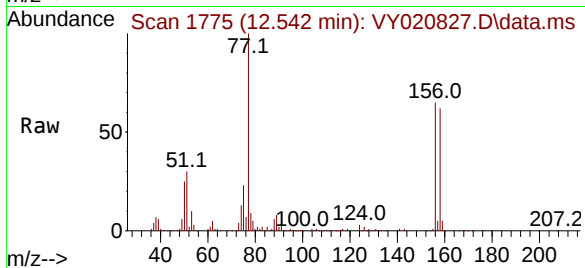
Tgt Ion:156 Resp: 117242

Ion Ratio Lower Upper

156 100

77 167.2 82.3 247.0

158 97.3 48.0 144.0



#78

n-propylbenzene

Concen: 51.942 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020827.D

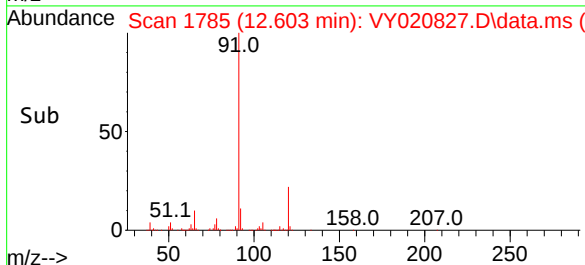
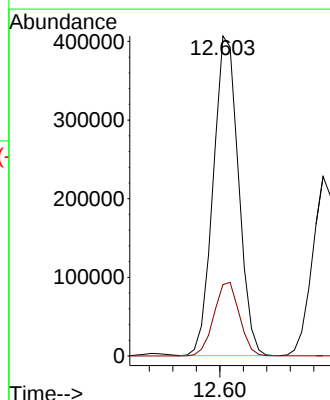
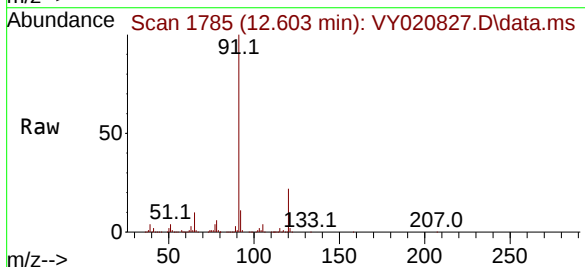
Acq: 15 Jan 2025 09:42

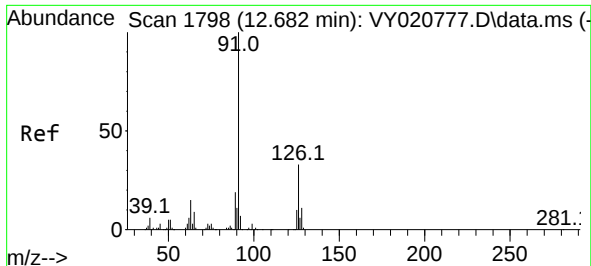
Tgt Ion: 91 Resp: 606916

Ion Ratio Lower Upper

91 100

120 23.2 12.0 36.1

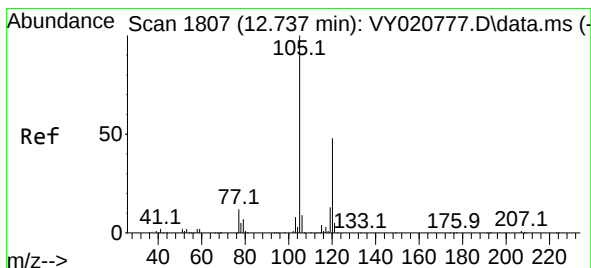
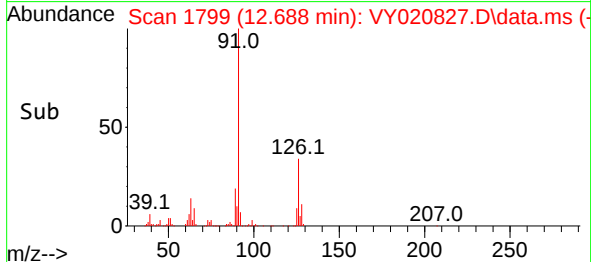
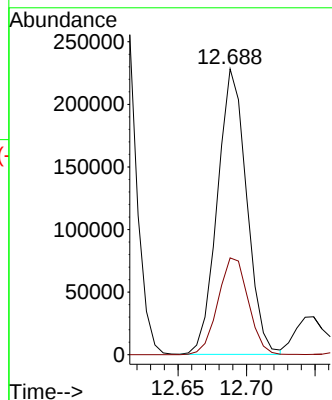
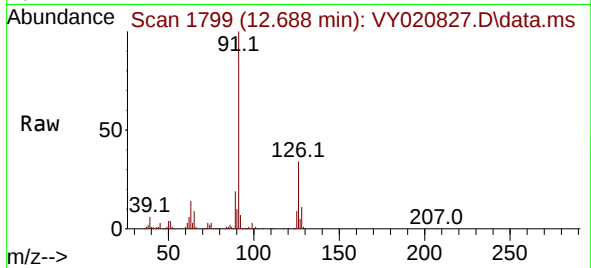




#79  
2-Chlorotoluene  
Concen: 50.423 ug/l  
RT: 12.688 min Scan# 1798  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

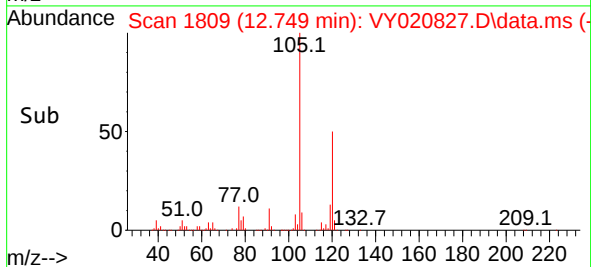
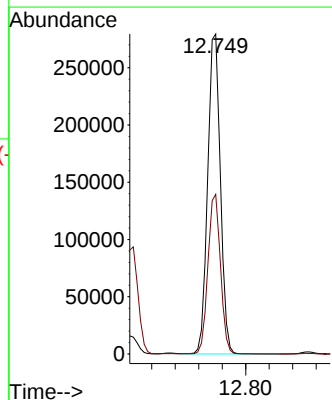
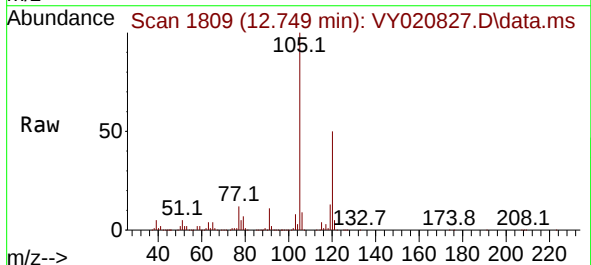
Instrument :  
MSVOA\_Y  
ClientSampleId :

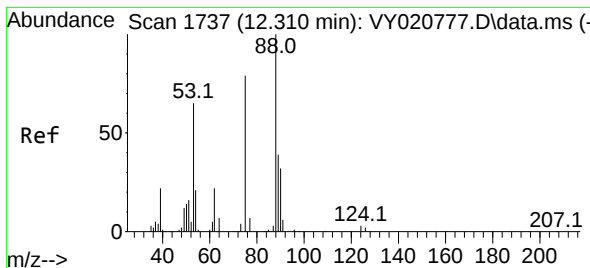
Tgt Ion: 91 Resp: 339279  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.5 52.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.320 ug/l  
RT: 12.749 min Scan# 1809  
Delta R.T. 0.012 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 105 Resp: 419801  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.5 73.5

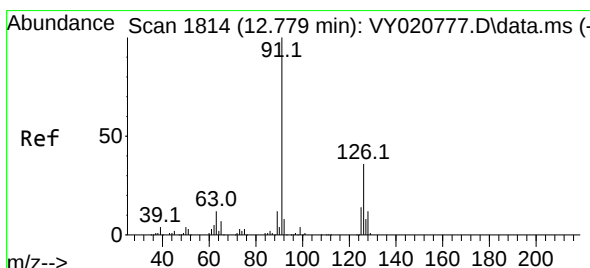
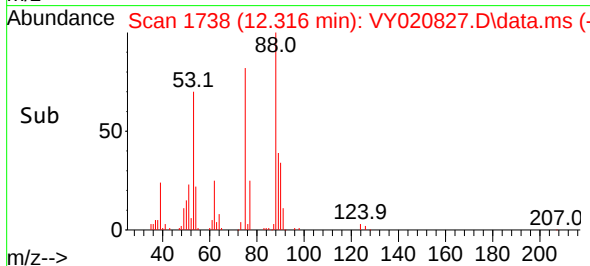
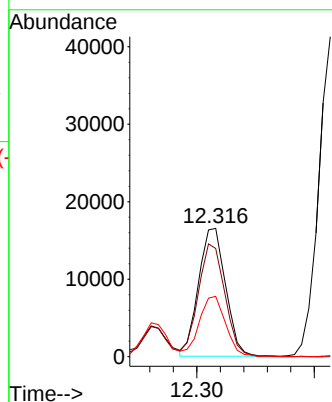
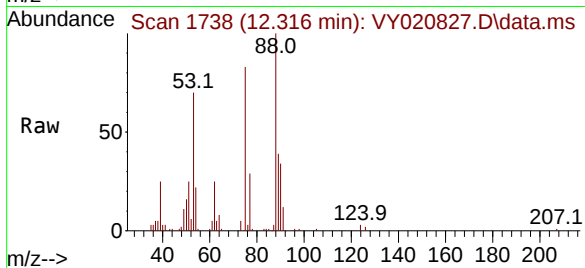




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.888 ug/l  
RT: 12.316 min Scan# 1738  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

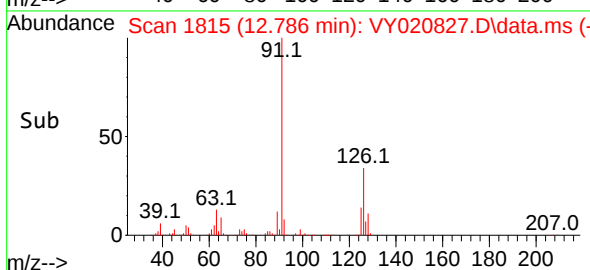
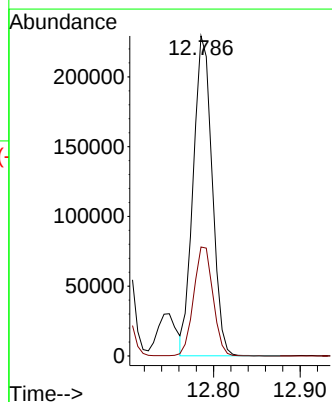
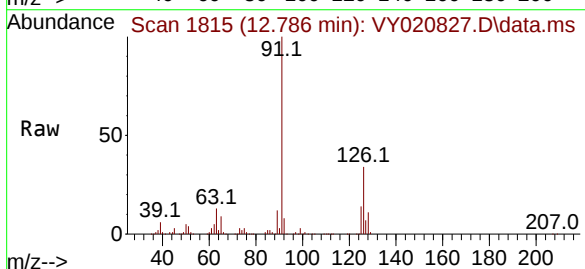
Instrument :  
MSVOA\_Y  
ClientSampleId :

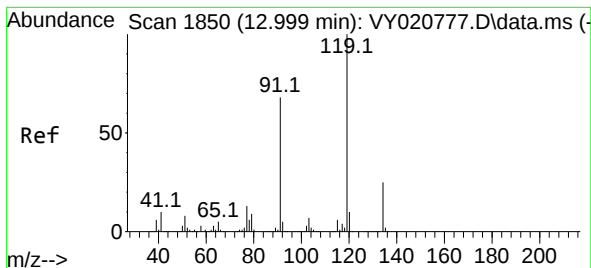
Tgt Ion: 75 Resp: 26325  
Ion Ratio Lower Upper  
75 100  
53 87.3 69.4 104.0  
89 46.3 39.6 59.4



#82  
4-Chlorotoluene  
Concen: 50.023 ug/l  
RT: 12.786 min Scan# 1815  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 91 Resp: 347356  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.3 51.7





#83

tert-Butylbenzene

Concen: 51.842 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

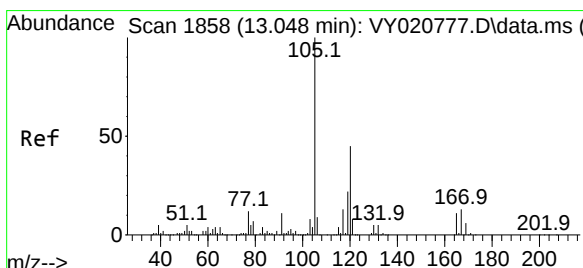
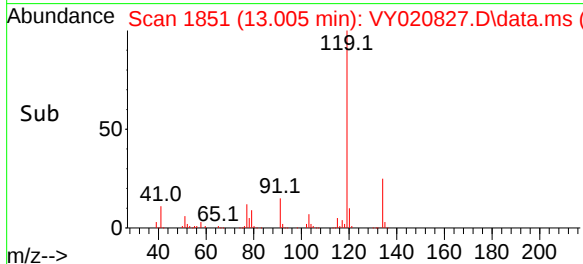
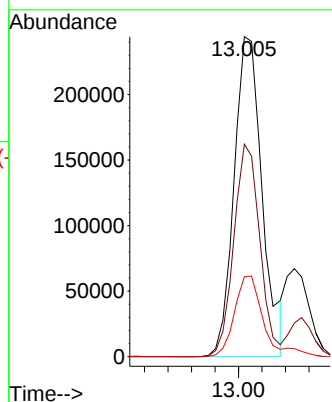
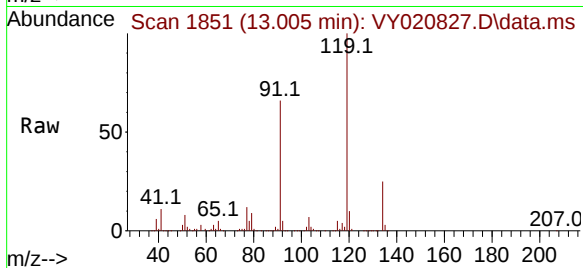
Tgt Ion:119 Resp: 404510

Ion Ratio Lower Upper

119 100

91 61.7 33.0 98.9

134 26.1 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 50.686 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020827.D

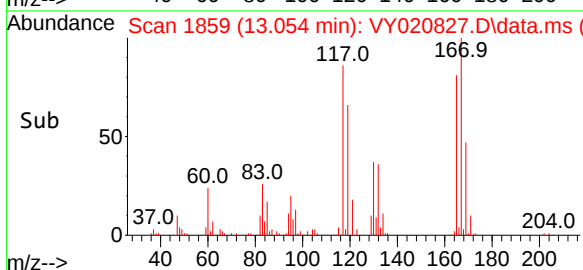
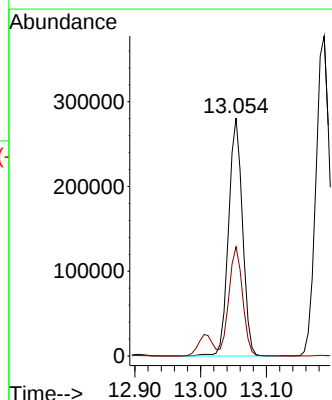
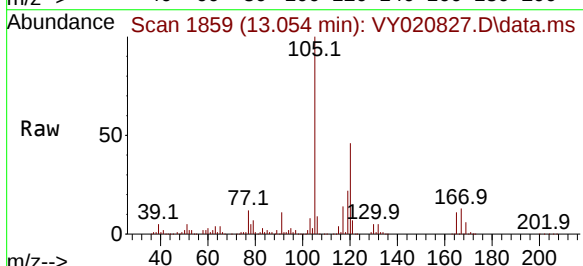
Acq: 15 Jan 2025 09:42

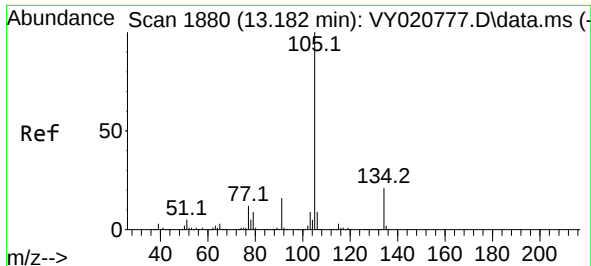
Tgt Ion:105 Resp: 412931

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.2

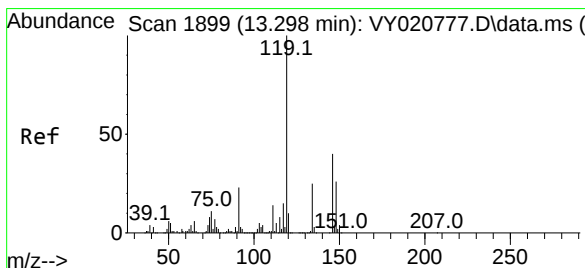
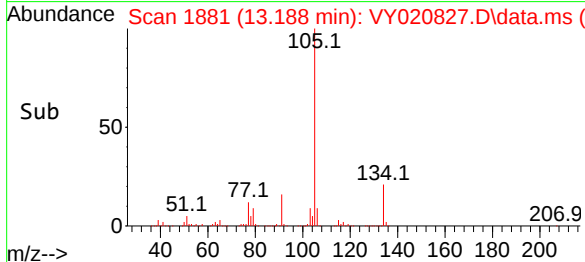
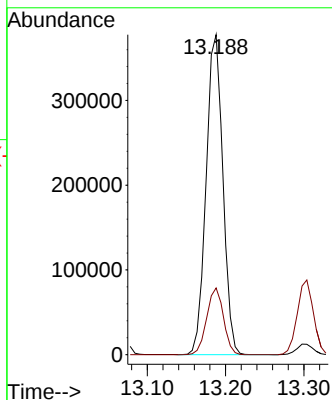
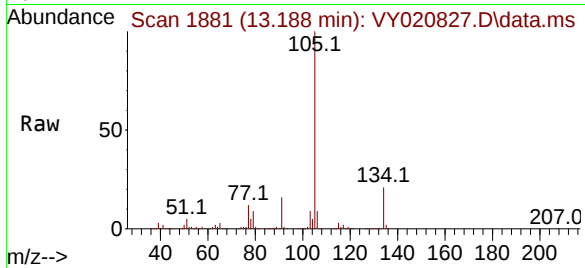




#85  
 sec-Butylbenzene  
 Concen: 51.393 ug/l  
 RT: 13.188 min Scan# 1880  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42

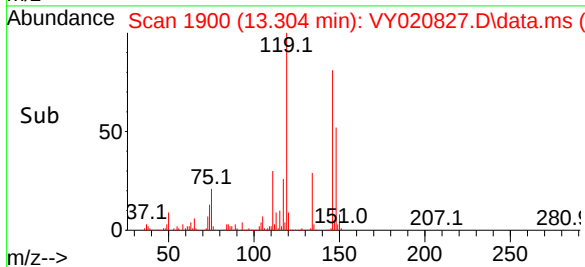
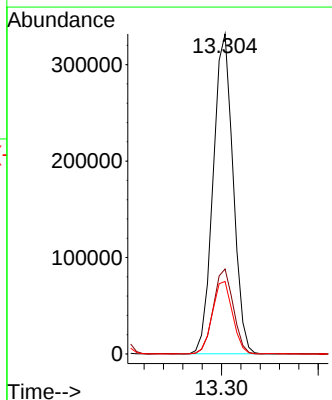
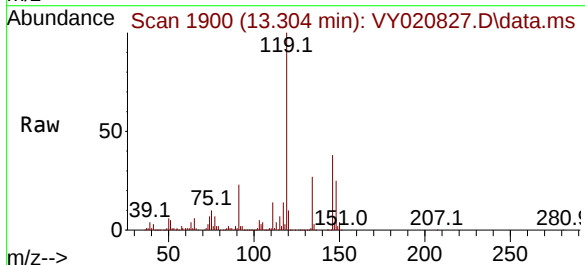
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

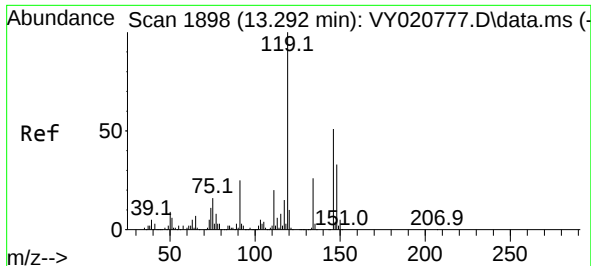
Tgt Ion:105 Resp: 560128  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 50.983 ug/l  
 RT: 13.304 min Scan# 1900  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42

Tgt Ion:119 Resp: 474016  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.0 38.9  
 91 22.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.030 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

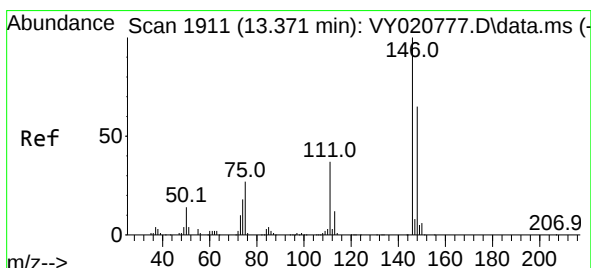
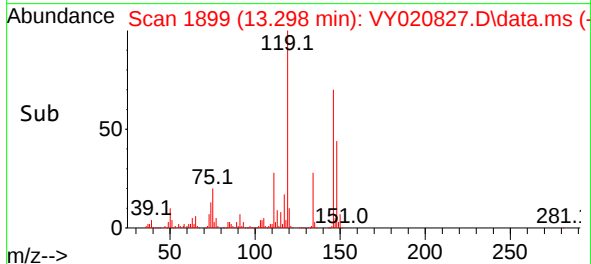
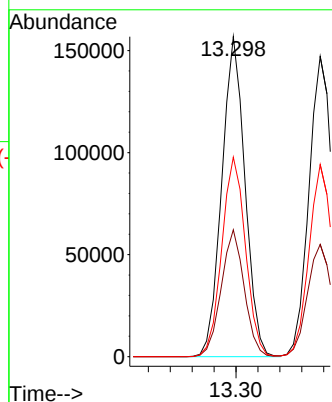
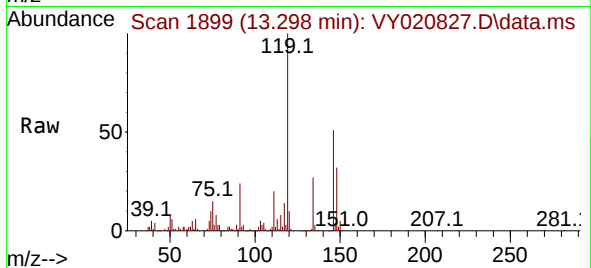
Tgt Ion:146 Resp: 230718

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.940 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

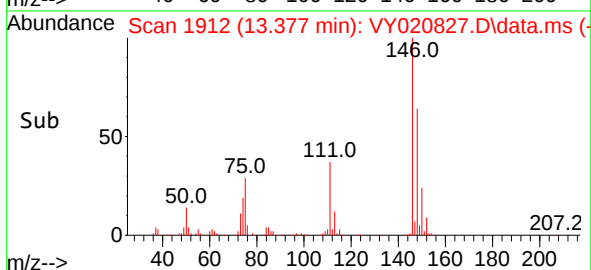
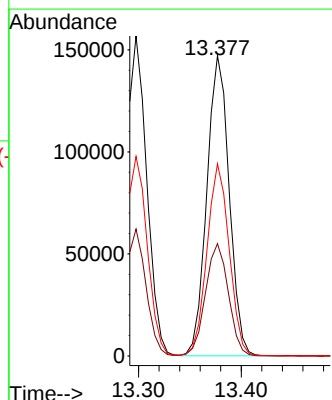
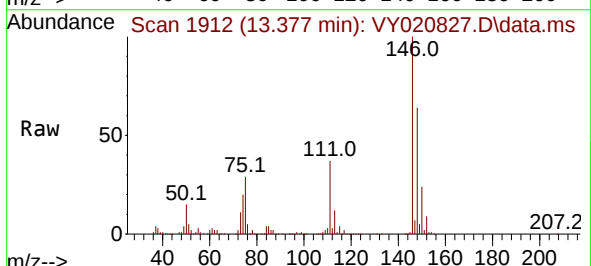
Tgt Ion:146 Resp: 222161

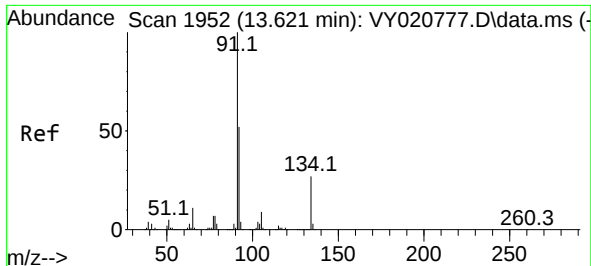
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

148 63.7 32.1 96.5

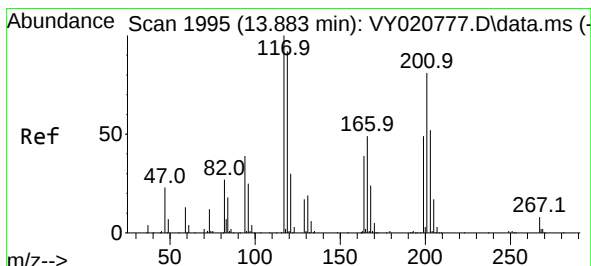
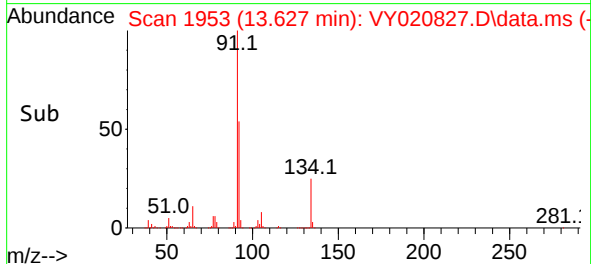
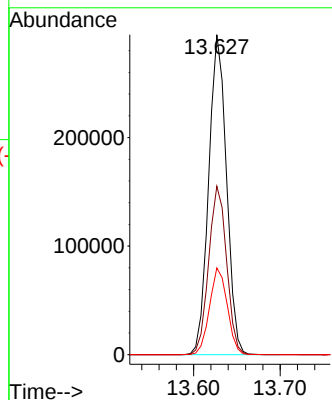
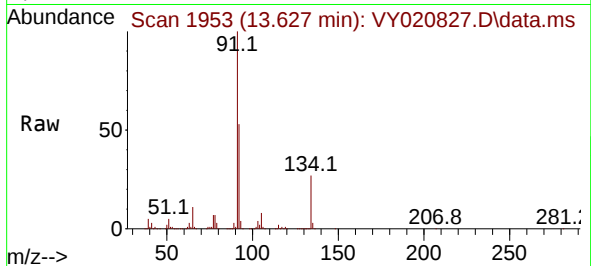




#89  
n-Butylbenzene  
Concen: 52.138 ug/l  
RT: 13.627 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

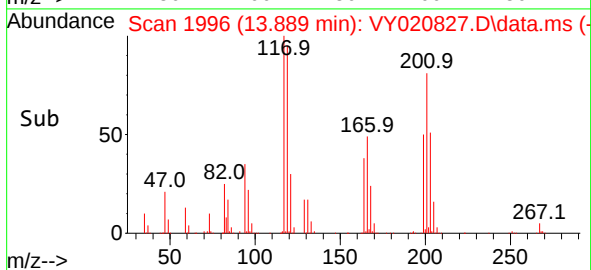
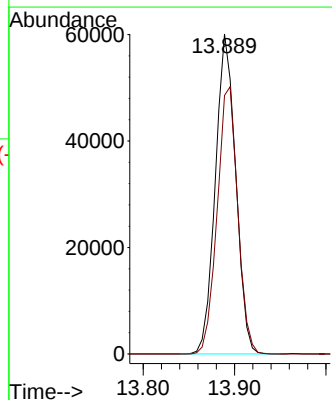
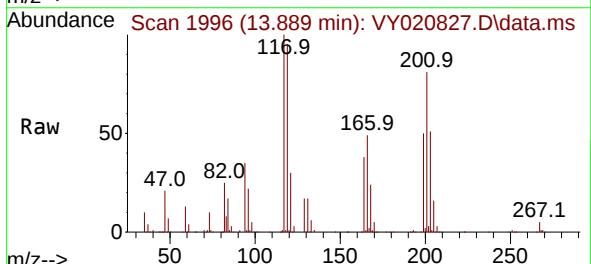
Instrument :  
MSVOA\_Y  
ClientSampleId :

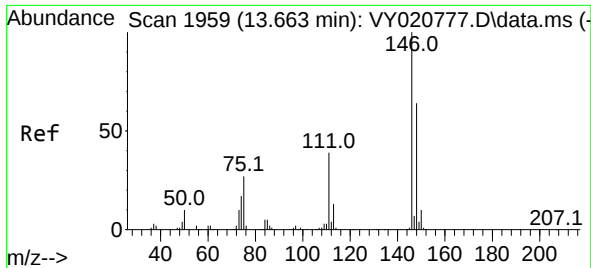
Tgt Ion: 91 Resp: 420548  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.5 79.4  
134 27.1 13.8 41.4



#90  
Hexachloroethane  
Concen: 49.783 ug/l  
RT: 13.889 min Scan# 1996  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

Tgt Ion: 117 Resp: 92940  
Ion Ratio Lower Upper  
117 100  
201 84.3 42.9 128.7

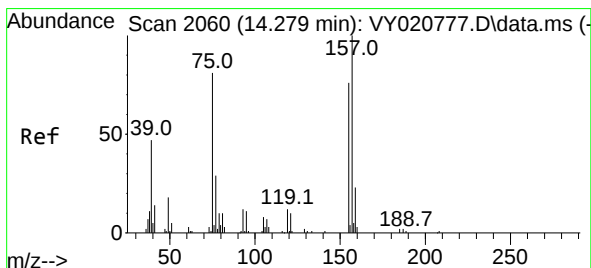
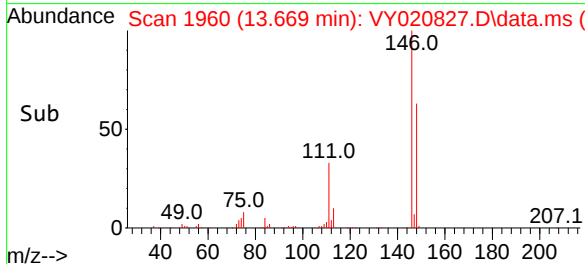
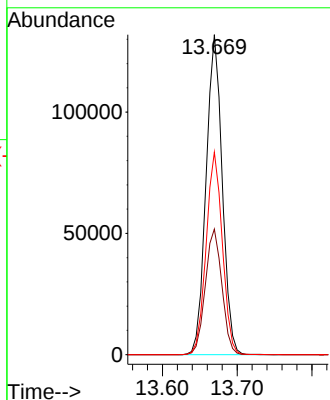
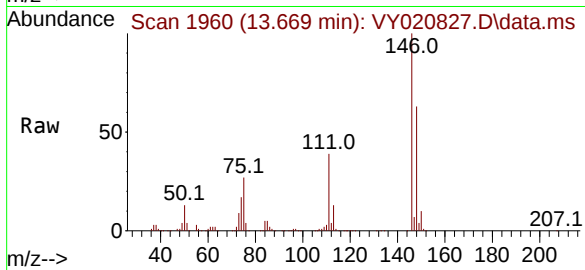




#91  
1,2-Dichlorobenzene  
Concen: 49.142 ug/l  
RT: 13.669 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

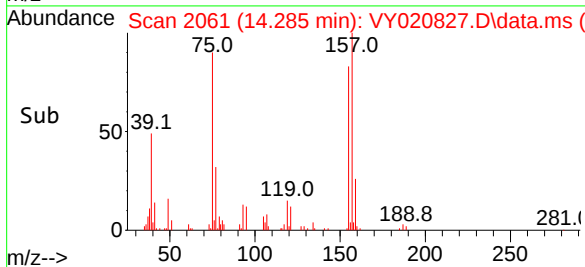
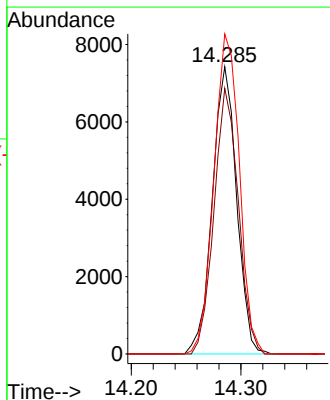
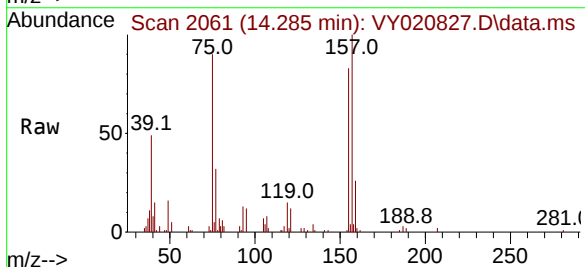
Instrument :  
MSVOA\_Y  
ClientSampleId :

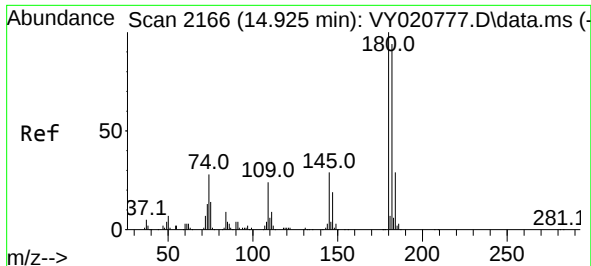
Tgt Ion:146 Resp: 198148  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.0 60.0  
148 63.5 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.283 ug/l  
RT: 14.285 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: VY020827.D  
Acq: 15 Jan 2025 09:42

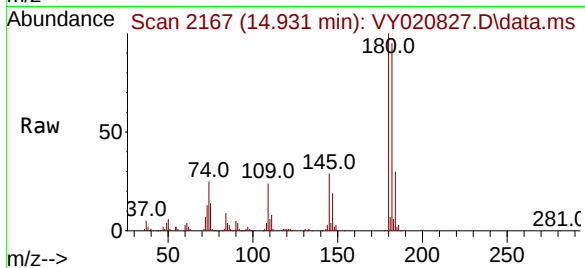
Tgt Ion: 75 Resp: 11424  
Ion Ratio Lower Upper  
75 100  
155 92.6 45.5 136.5  
157 116.8 59.7 179.0



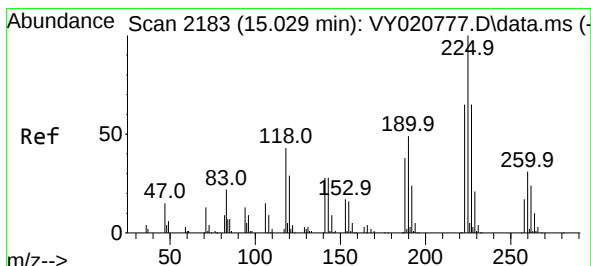
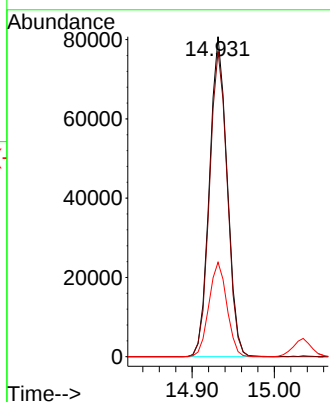
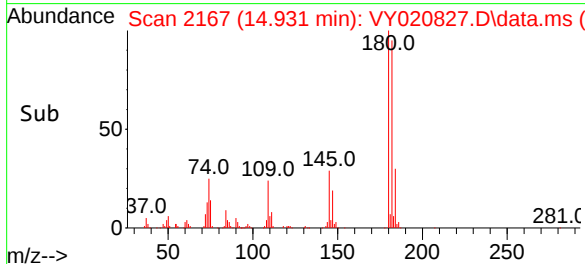


#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.038 ug/l  
 RT: 14.931 min Scan# 2167  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42

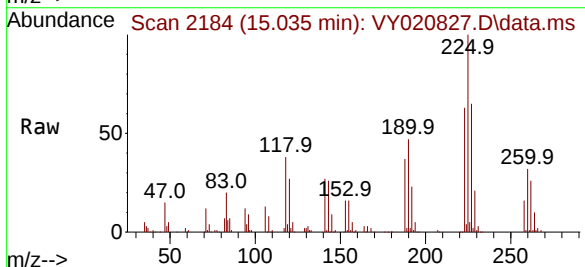
Instrument :  
 MSVOA\_Y  
 ClientSampleId :



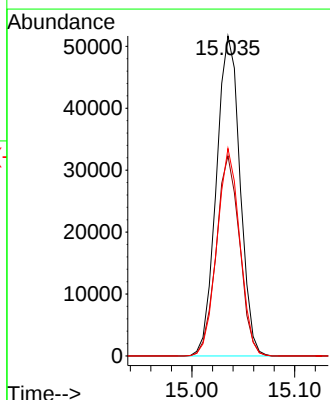
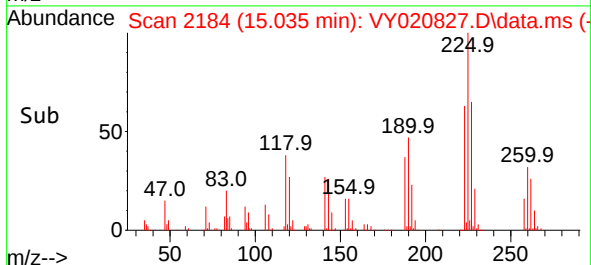
Tgt Ion:180 Resp: 120754  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 47.6 142.9  
 145 29.8 15.0 45.1

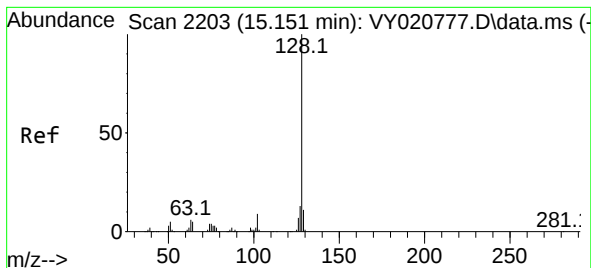


#94  
 Hexachlorobutadiene  
 Concen: 50.418 ug/l  
 RT: 15.035 min Scan# 2184  
 Delta R.T. 0.006 min  
 Lab File: VY020827.D  
 Acq: 15 Jan 2025 09:42



Tgt Ion:225 Resp: 82479  
 Ion Ratio Lower Upper  
 225 100  
 223 61.7 31.6 94.8  
 227 62.7 32.2 96.6





#95

Naphthalene

Concen: 50.257 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Instrument :

MSVOA\_Y

ClientSampleId :

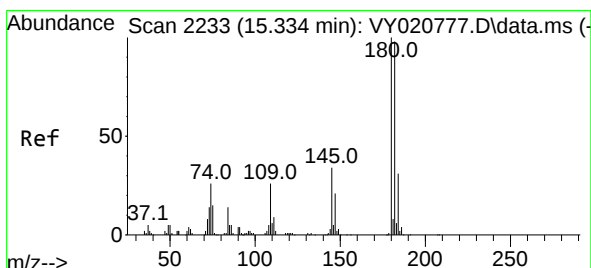
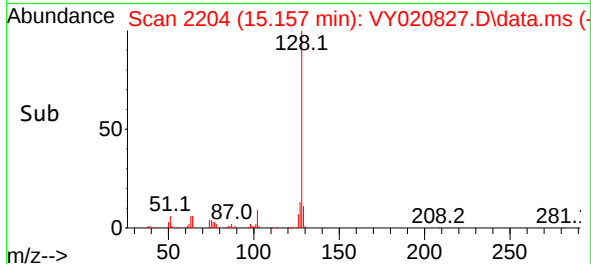
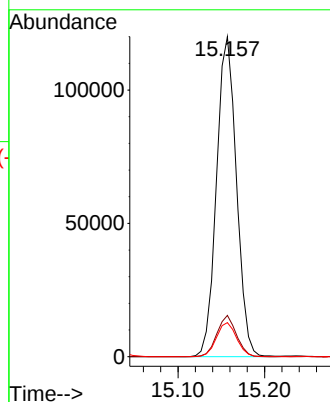
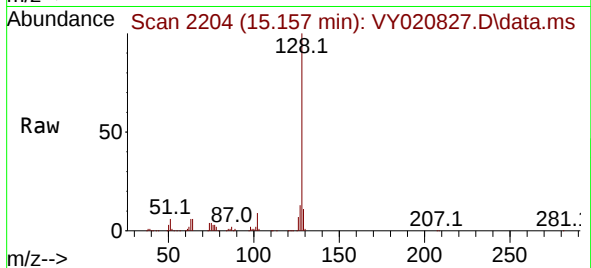
Tgt Ion:128 Resp: 191943

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.002 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020827.D

Acq: 15 Jan 2025 09:42

Tgt Ion:180 Resp: 99154

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 31.8 16.1 48.2

