

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021425\  
 Data File : VY021198.D  
 Acq On : 14 Feb 2025 09:06  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 14 22:13:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.720  | 168   | 126809   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.628  | 114   | 191284   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.426 | 117   | 164488   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.359 | 152   | 81952    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.073  | 65    | 60937    | 46.901   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 93.800%  |
| 35) Dibromofluoromethane     | 7.646  | 113   | 60122    | 49.044   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 98.080%  |
| 50) Toluene-d8               | 10.115 | 98    | 228160   | 48.888   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 97.780%  |
| 62) 4-Bromofluorobenzene     | 12.414 | 95    | 75800    | 49.715   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 99.440%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.873  | 85    | 58064    | 51.374   | ug/l   | 94       |
| 3) Chloromethane             | 2.080  | 50    | 56175    | 50.369   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.214  | 62    | 58543    | 52.151   | ug/l   | 98       |
| 5) Bromomethane              | 2.611  | 94    | 34695    | 50.006   | ug/l   | 91       |
| 6) Chloroethane              | 2.745  | 64    | 35619    | 53.303   | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.074  | 101   | 105895   | 51.779   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.464  | 74    | 30548    | 47.848   | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 3.830  | 101   | 67076    | 52.258   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.019  | 142   | 73793    | 51.749   | ug/l   | 91       |
| 11) Tert butyl alcohol       | 4.879  | 59    | 17227    | 195.661  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 3.812  | 96    | 60813    | 50.296   | ug/l   | 92       |
| 13) Acrolein                 | 3.665  | 56    | 18702    | 137.942  | ug/l   | 98       |
| 14) Allyl chloride           | 4.397  | 41    | 107502   | 52.755   | ug/l   | 94       |
| 15) Acrylonitrile            | 5.080  | 53    | 64615    | 243.044  | ug/l   | 99       |
| 16) Acetone                  | 3.885  | 43    | 57124    | 281.931  | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.123  | 76    | 182662   | 48.178   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.397  | 43    | 35380    | 49.742   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.135  | 73    | 151545   | 49.589   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.635  | 84    | 64239    | 51.000   | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.135  | 96    | 67688    | 50.858   | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.031  | 45    | 227177   | 54.087   | ug/l   | 98       |
| 23) Vinyl Acetate            | 5.976  | 43    | 598606   | 255.654  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 5.933  | 63    | 131735   | 53.532   | ug/l   | 98       |
| 25) 2-Butanone               | 6.909  | 43    | 82691    | 248.356  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.903  | 77    | 122897   | 53.973   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 6.909  | 96    | 78796    | 51.436   | ug/l   | 90       |
| 28) Bromochloromethane       | 7.256  | 49    | 52228    | 53.672   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.281  | 42    | 53548    | 237.676  | ug/l   | 93       |
| 30) Chloroform               | 7.433  | 83    | 136214   | 53.889   | ug/l   | 100      |
| 31) Cyclohexane              | 7.713  | 56    | 110584   | 49.901   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.628  | 97    | 125883   | 53.566   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 7.848  | 75    | 98365    | 54.173   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.000  | 43    | 38662    | 48.537   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 7.829  | 117   | 115902   | 54.629   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.122  | 83    | 118479   | 53.345   | ug/l   | 96       |
| 40) Benzene                  | 8.091  | 78    | 287395   | 53.935   | ug/l   | 100      |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 14 22:13:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.232  | 41   | 19698    | 42.745  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.171  | 62   | 78768    | 53.288  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.207  | 43   | 77983    | 49.270  | ug/l # | 84       |
| 44) Trichloroethene           | 8.878  | 130  | 72308    | 52.523  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.152  | 63   | 68103    | 53.848  | ug/l   | 97       |
| 46) Dibromomethane            | 9.244  | 93   | 35210    | 50.282  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.433  | 83   | 101420   | 54.003  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.231  | 41   | 37255    | 51.674  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.238  | 88   | 6314     | 968.576 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.006 | 43   | 196604   | 247.016 | ug/l   | 97       |
| 52) Toluene                   | 10.182 | 92   | 183322   | 54.792  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.402 | 75   | 89867    | 53.291  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.865  | 75   | 106593   | 53.386  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 10.579 | 97   | 46580    | 51.368  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.451 | 69   | 59805    | 49.300  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 10.725 | 76   | 81809    | 52.123  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.719  | 63   | 146286   | 253.477 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.768 | 43   | 129980   | 253.639 | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.920 | 129  | 65738    | 51.622  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.024 | 107  | 41991    | 49.438  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.658 | 164  | 65797    | 53.885  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.451 | 112  | 194228   | 53.030  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131  | 69979    | 53.764  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.530 | 91   | 357878   | 55.244  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.640 | 106  | 267186   | 110.249 | ug/l   | 97       |
| 69) o-Xylene                  | 11.963 | 106  | 125105   | 55.369  | ug/l   | 97       |
| 70) Styrene                   | 11.981 | 104  | 208407   | 55.341  | ug/l   | 97       |
| 71) Bromoform                 | 12.139 | 173  | 36433    | 50.288  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.261 | 105  | 342233   | 53.460  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.078 | 43   | 68462    | 48.916  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.517 | 83   | 50384    | 47.324  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.566 | 75   | 68879    | 92.653  | ug/l # | 100      |
| 77) Bromobenzene              | 12.542 | 156  | 74472    | 50.412  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.603 | 91   | 414749   | 54.388  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.688 | 91   | 230046   | 52.671  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105  | 278371   | 53.634  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 16769    | 46.027  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.786 | 91   | 235595   | 52.943  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 250844   | 53.171  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.054 | 105  | 276342   | 54.453  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.182 | 105  | 370770   | 54.598  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.298 | 119  | 310999   | 55.131  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.298 | 146  | 149469   | 52.401  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.377 | 146  | 146153   | 52.039  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.627 | 91   | 288554   | 56.071  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.889 | 117  | 63347    | 53.829  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.670 | 146  | 126527   | 51.107  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.285 | 75   | 7606     | 47.807  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 14.932 | 180  | 73157    | 53.087  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.035 | 225  | 50451    | 55.246  | ug/l   | 99       |
| 95) Naphthalene               | 15.157 | 128  | 110337   | 50.046  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.340 | 180  | 59070    | 51.507  | ug/l   | 98       |

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

Instrument :  
MSVOA\_Y  
ClientSampleId :

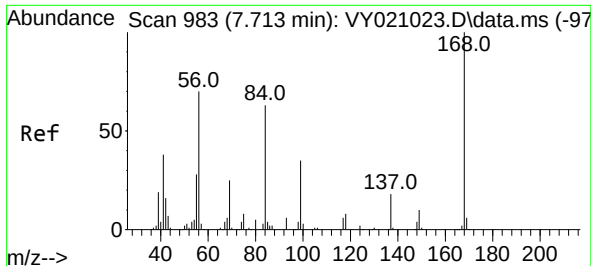
Quant Time: Feb 14 22:13:25 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 03 13:08:38 2025  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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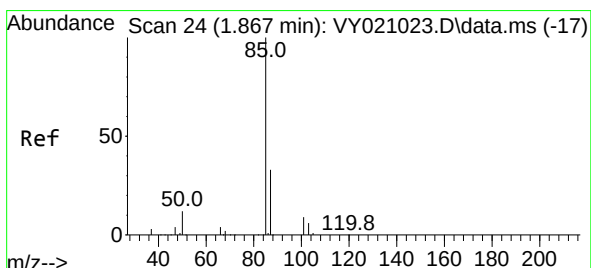
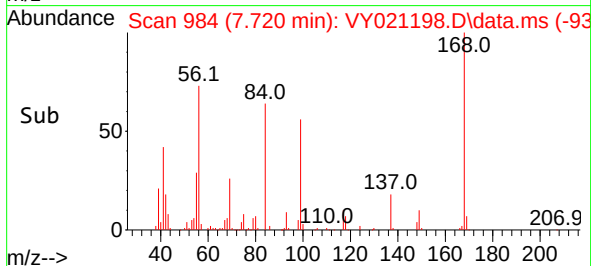
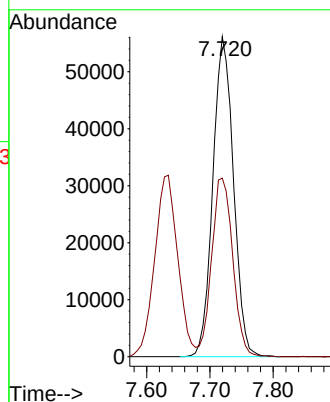
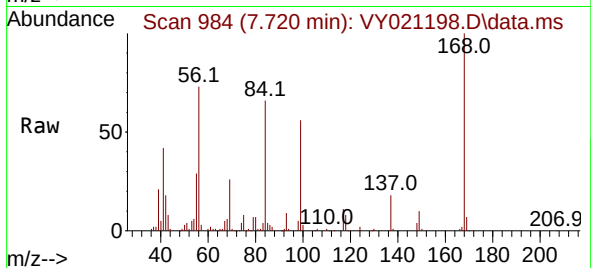




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.720 min Scan# 91  
Delta R.T. 0.007 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

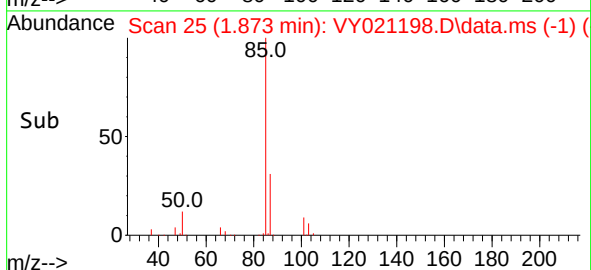
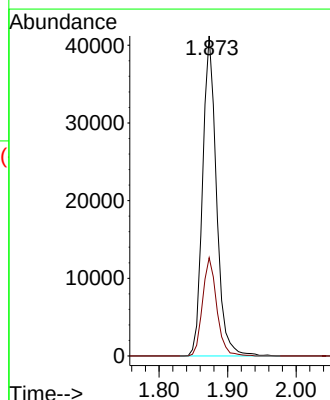
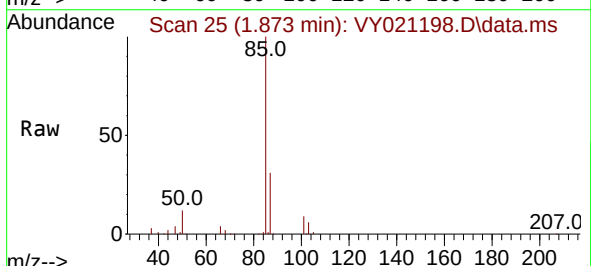
Instrument :  
MSVOA\_Y  
ClientSampleId :

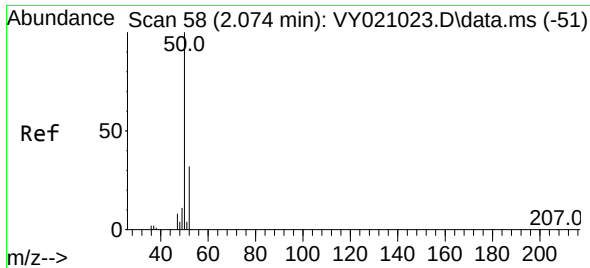
Tgt Ion:168 Resp: 126809  
Ion Ratio Lower Upper  
168 100  
99 55.8 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 51.374 ug/l  
RT: 1.873 min Scan# 25  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 85 Resp: 58064  
Ion Ratio Lower Upper  
85 100  
87 30.7 17.1 51.3

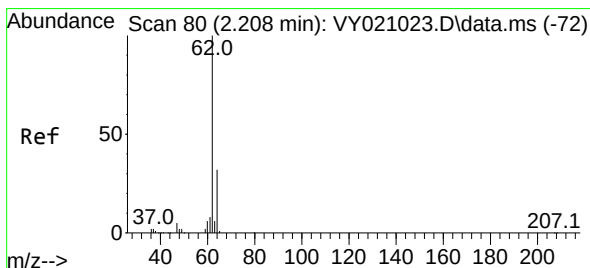
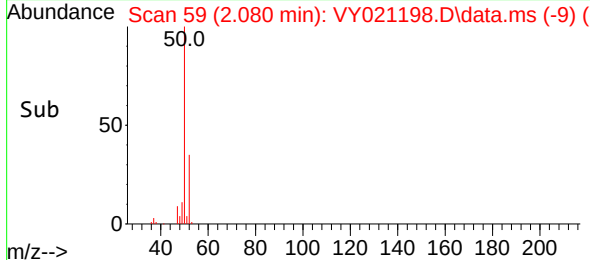
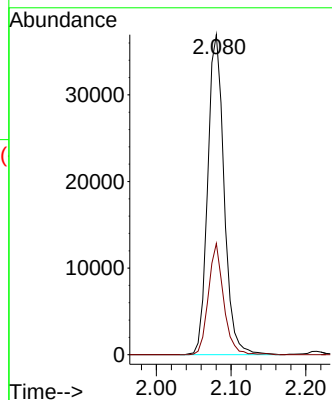
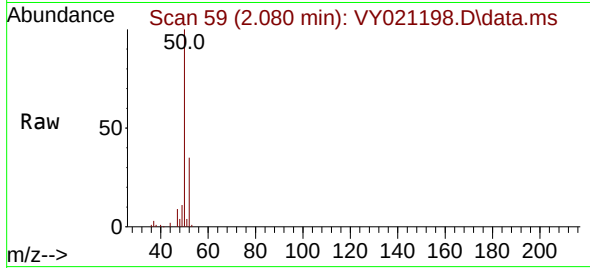




#3  
Chloromethane  
Concen: 50.369 ug/l  
RT: 2.080 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

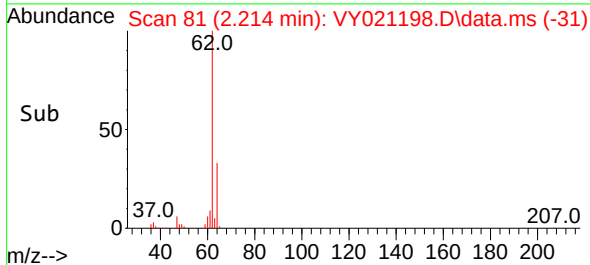
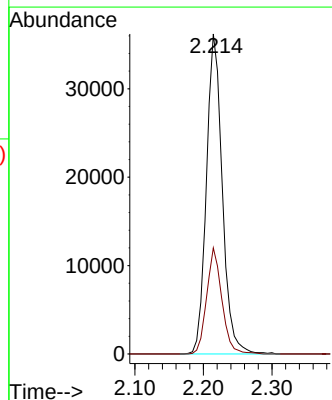
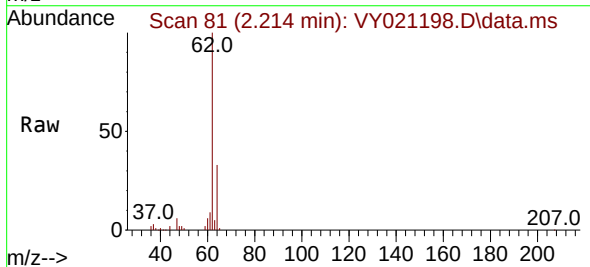
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ClientSampleId :

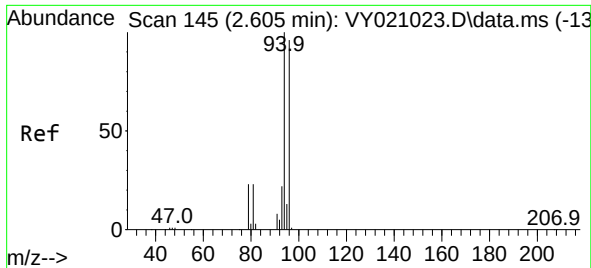
Tgt Ion: 50 Resp: 56175  
Ion Ratio Lower Upper  
50 100  
52 34.7 26.7 40.1



#4  
Vinyl Chloride  
Concen: 52.151 ug/l  
RT: 2.214 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 62 Resp: 58543  
Ion Ratio Lower Upper  
62 100  
64 33.2 25.7 38.5

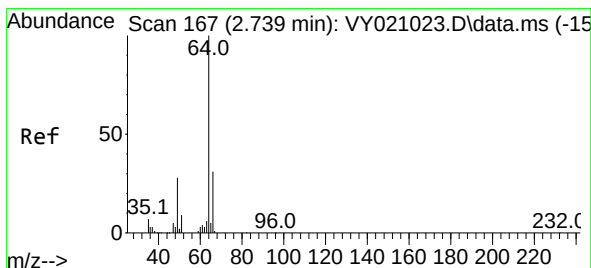
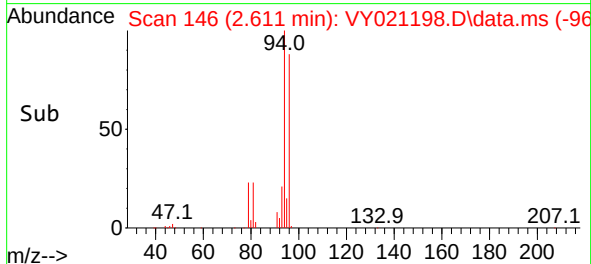
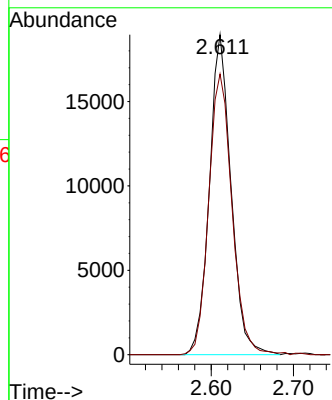
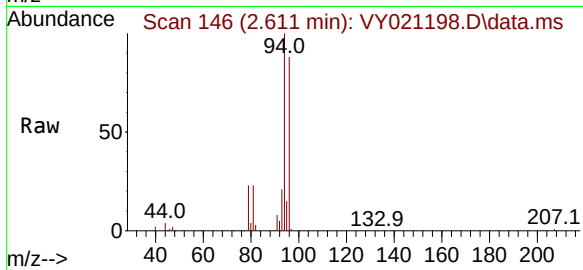




#5  
Bromomethane  
Concen: 50.006 ug/l  
RT: 2.611 min Scan# 145  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

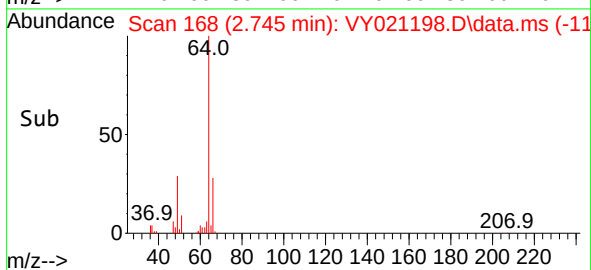
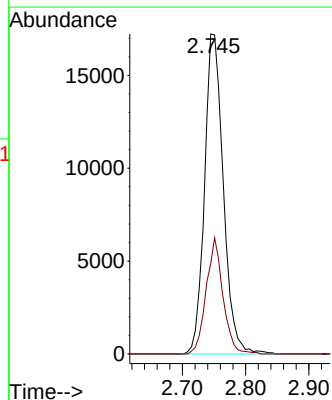
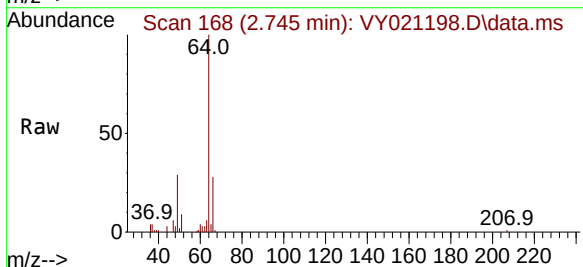
Instrument :  
MSVOA\_Y  
ClientSampleId :

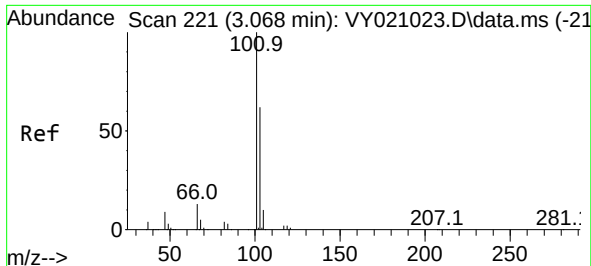
Tgt Ion: 94 Resp: 34695  
Ion Ratio Lower Upper  
94 100  
96 87.7 77.3 115.9



#6  
Chloroethane  
Concen: 53.303 ug/l  
RT: 2.745 min Scan# 168  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 64 Resp: 35619  
Ion Ratio Lower Upper  
64 100  
66 28.2 25.1 37.7

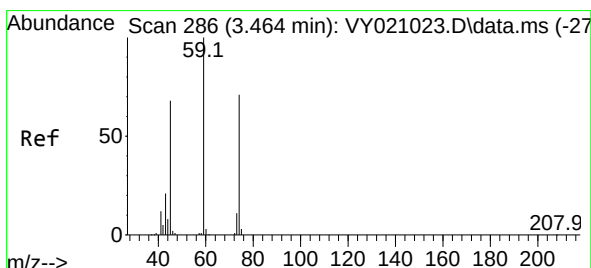
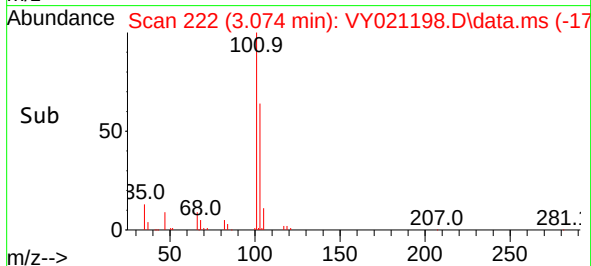
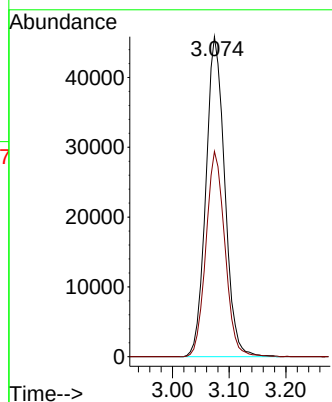
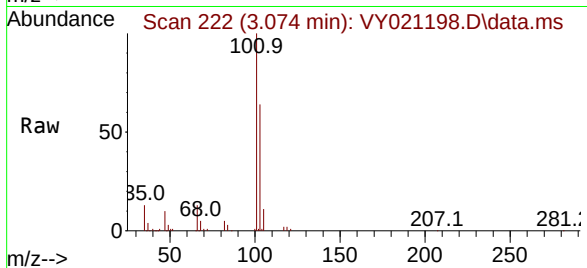




#7  
 Trichlorofluoromethane  
 Concen: 51.779 ug/l  
 RT: 3.074 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

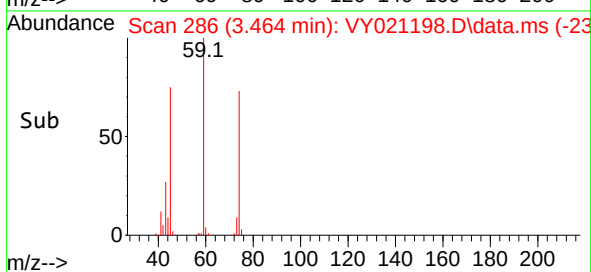
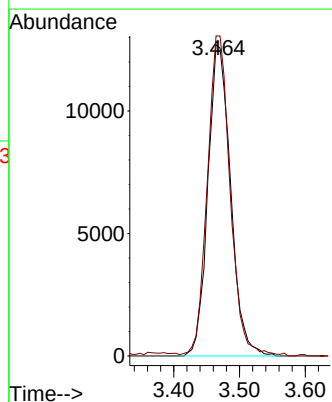
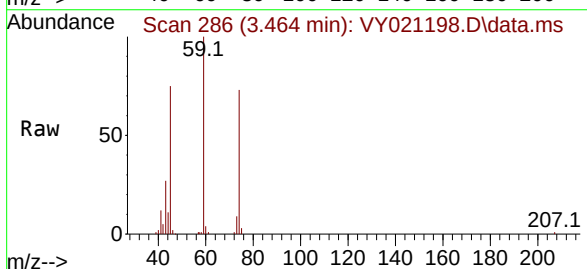
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 105895  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.9 77.9

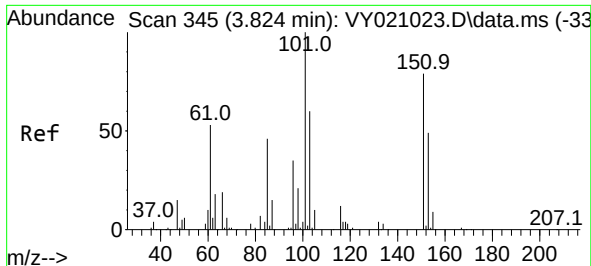


#8  
 Diethyl Ether  
 Concen: 47.848 ug/l  
 RT: 3.464 min Scan# 286  
 Delta R.T. -0.000 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

Tgt Ion: 74 Resp: 30548  
 Ion Ratio Lower Upper  
 74 100  
 45 103.5 47.9 143.7



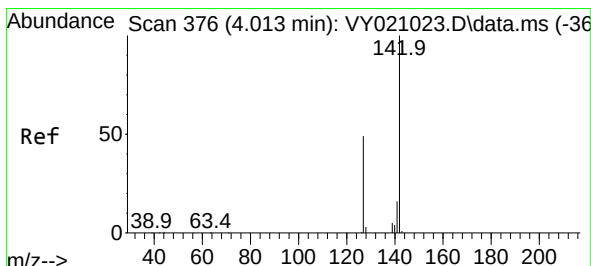
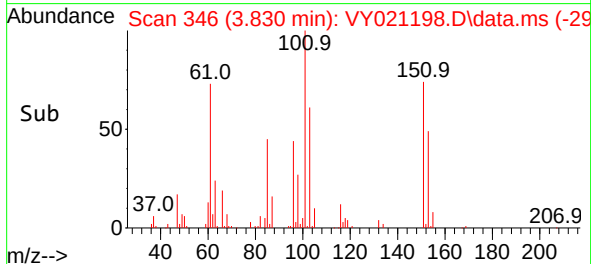
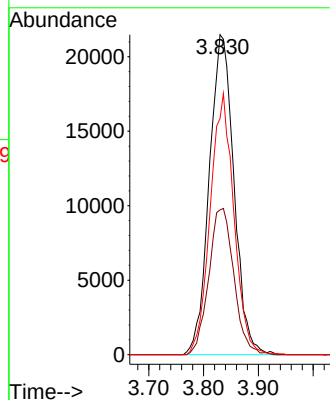
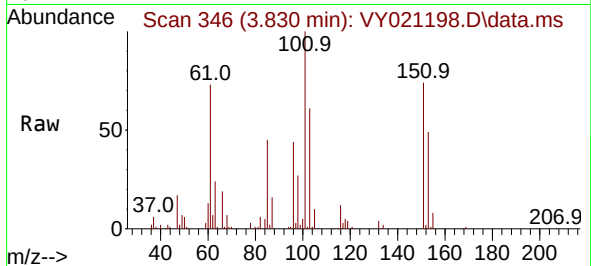




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.258 ug/l  
RT: 3.830 min Scan# 345  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

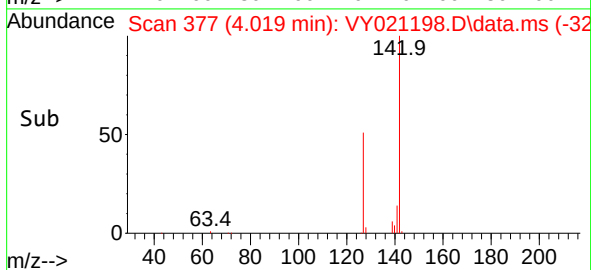
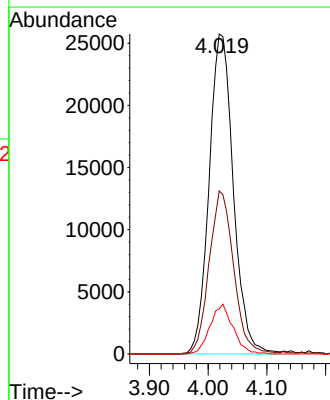
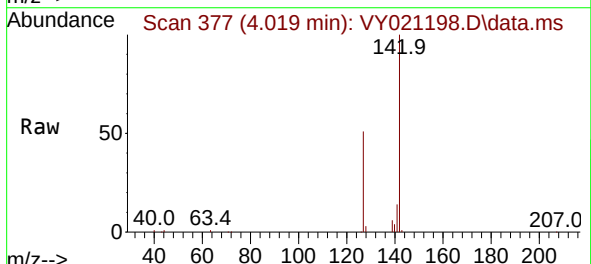
Instrument :  
MSVOA\_Y  
ClientSampleId :

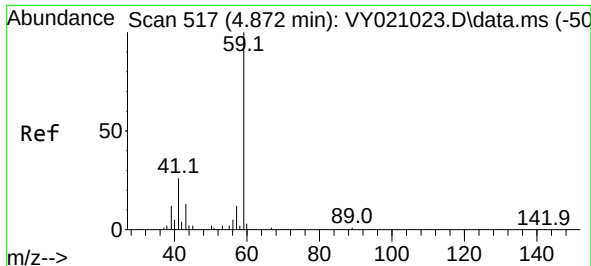
Tgt Ion:101 Resp: 67076  
Ion Ratio Lower Upper  
101 100  
85 46.4 35.8 53.6  
151 78.3 58.6 88.0



#10  
Methyl Iodide  
Concen: 51.749 ug/l  
RT: 4.019 min Scan# 377  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion:142 Resp: 73793  
Ion Ratio Lower Upper  
142 100  
127 51.4 35.1 52.7  
141 14.7 11.8 17.6

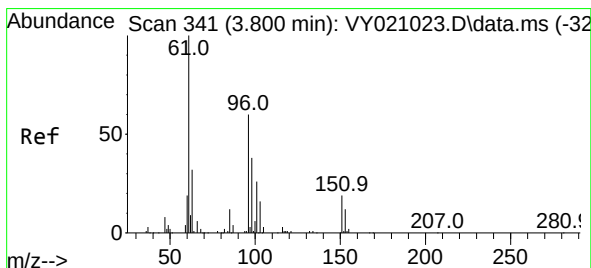
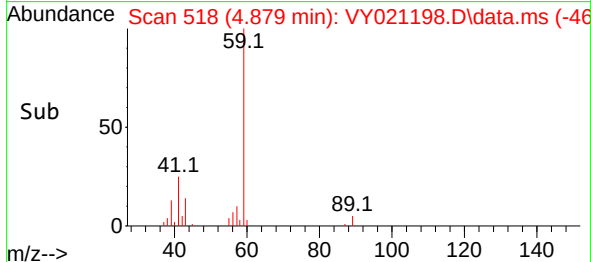
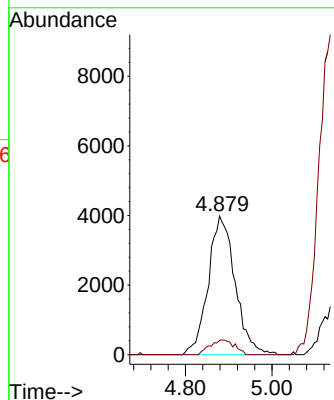
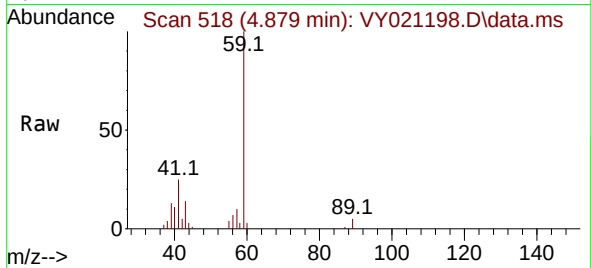




#11  
Tert butyl alcohol  
Concen: 195.661 ug/l  
RT: 4.879 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

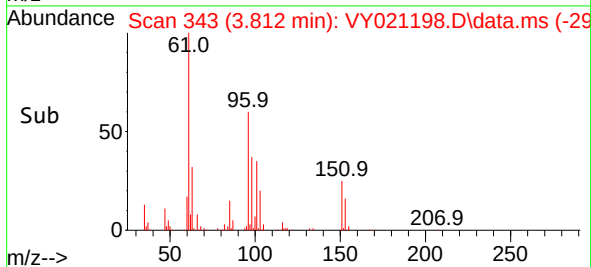
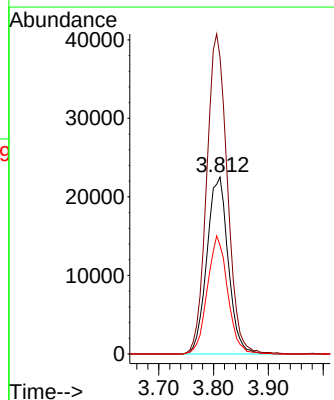
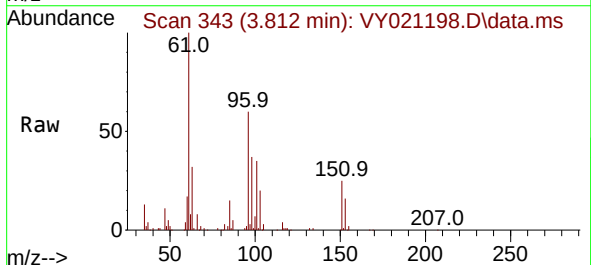
Instrument :  
MSVOA\_Y  
ClientSampleId :

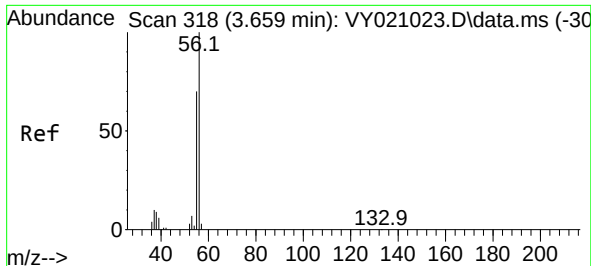
Tgt Ion: 59 Resp: 17227  
Ion Ratio Lower Upper  
59 100  
57 9.7 7.4 11.0



#12  
1,1-Dichloroethene  
Concen: 50.296 ug/l  
RT: 3.812 min Scan# 343  
Delta R.T. 0.012 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 96 Resp: 60813  
Ion Ratio Lower Upper  
96 100  
61 167.9 124.2 186.2  
98 61.5 52.6 79.0





#13

Acrolein

Concen: 137.942 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

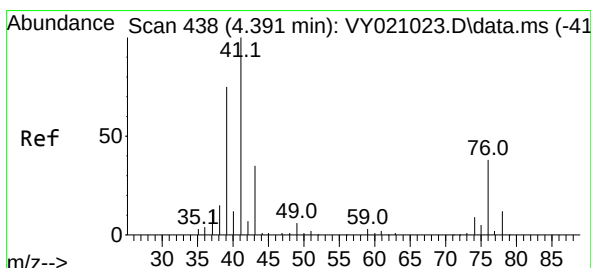
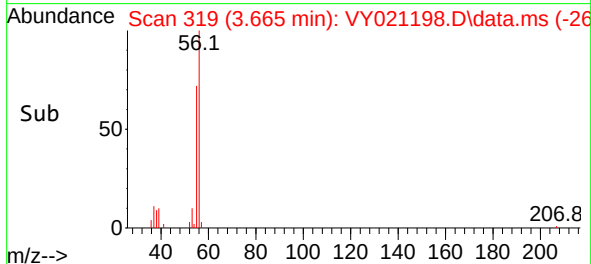
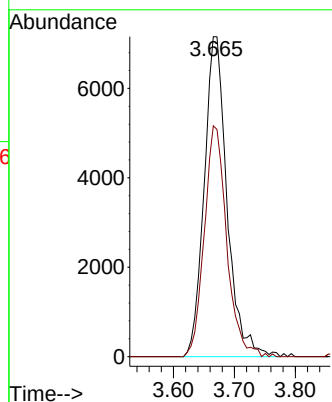
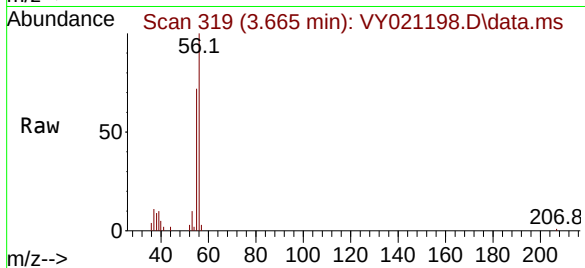
ClientSampleId :

Tgt Ion: 56 Resp: 18702

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.0



#14

Allyl chloride

Concen: 52.755 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

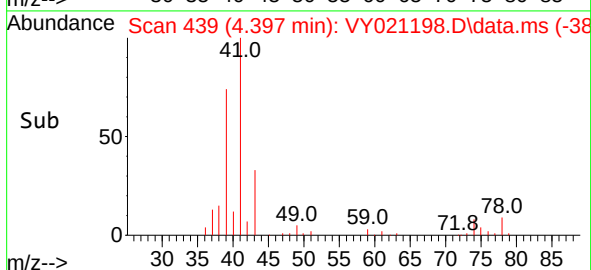
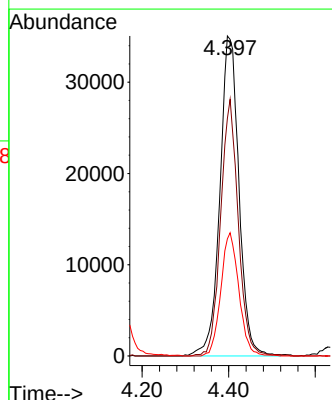
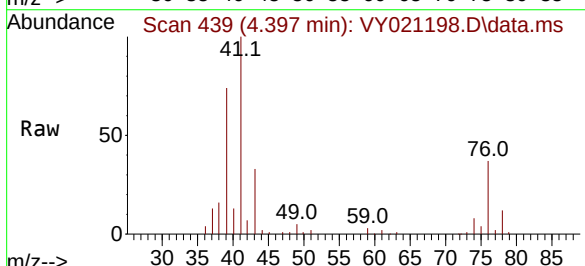
Tgt Ion: 41 Resp: 107502

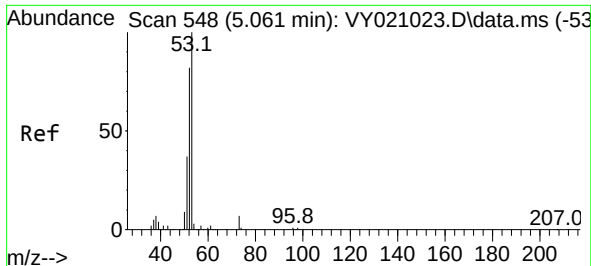
Ion Ratio Lower Upper

41 100

39 73.8 54.7 82.1

76 36.5 31.8 47.6

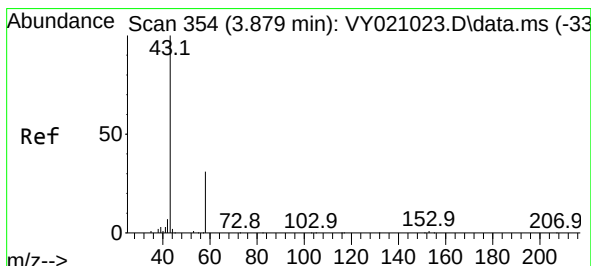
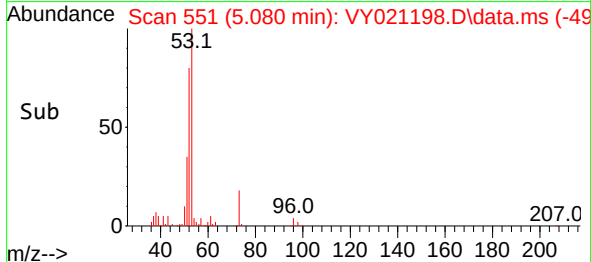
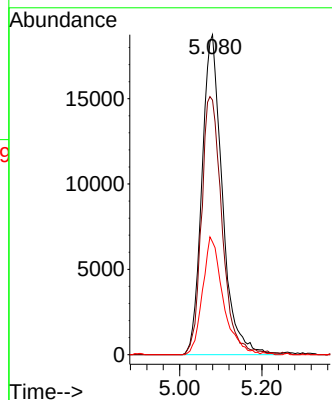
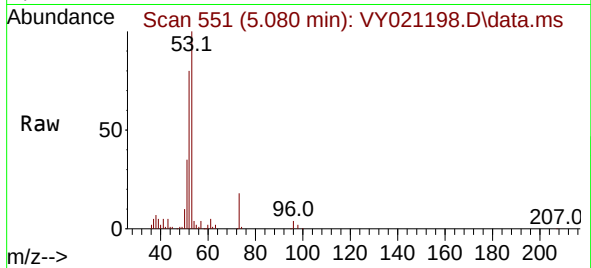




#15  
Acrylonitrile  
Concen: 243.044 ug/l  
RT: 5.080 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

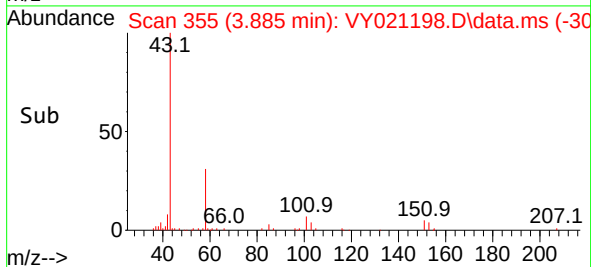
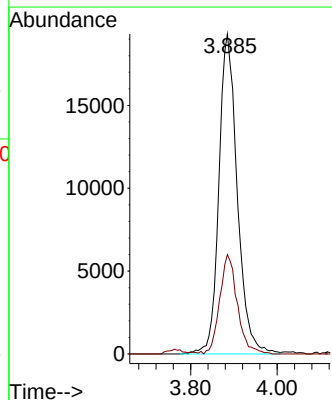
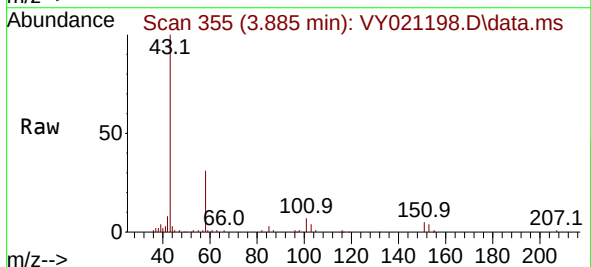
Instrument :  
MSVOA\_Y  
ClientSampleId :

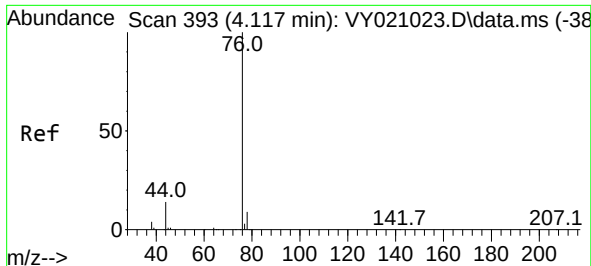
Tgt Ion: 53 Resp: 64615  
Ion Ratio Lower Upper  
53 100  
52 81.2 65.1 97.7  
51 37.2 29.0 43.4



#16  
Acetone  
Concen: 281.931 ug/l  
RT: 3.885 min Scan# 355  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 43 Resp: 57124  
Ion Ratio Lower Upper  
43 100  
58 31.0 26.6 39.8

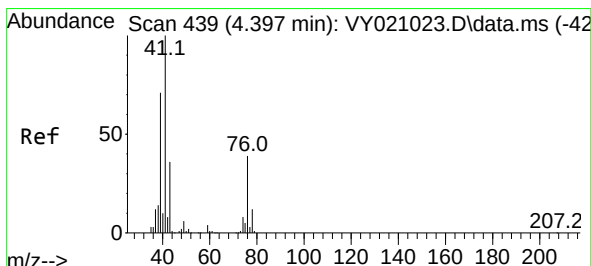
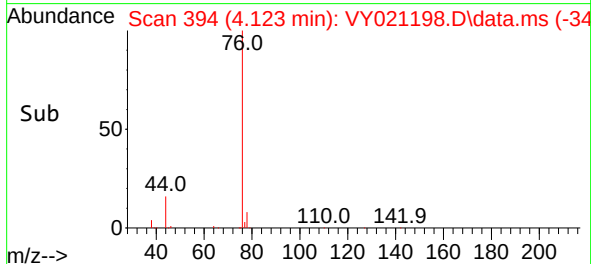
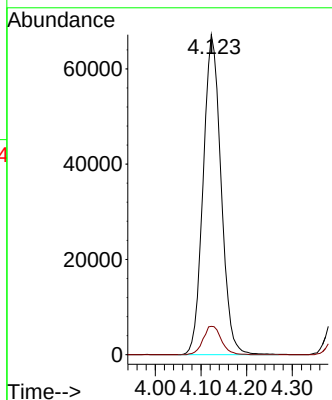
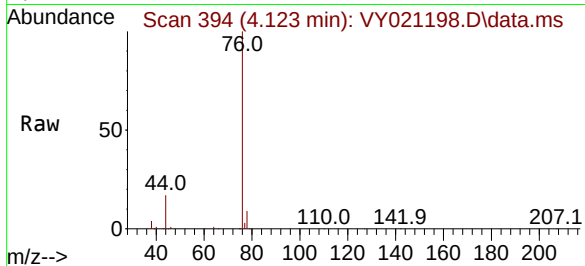




#17  
Carbon Disulfide  
Concen: 48.178 ug/l  
RT: 4.123 min Scan# 393  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

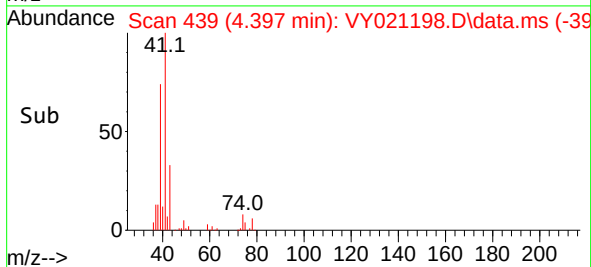
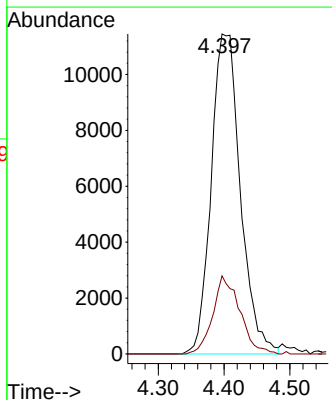
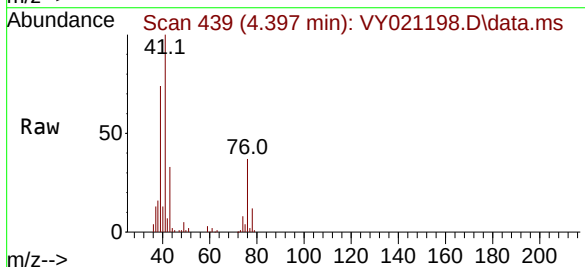
Instrument :  
MSVOA\_Y  
ClientSampleId :

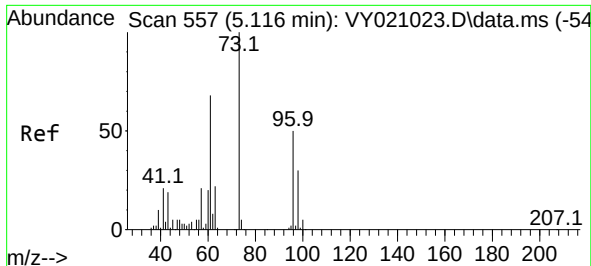
Tgt Ion: 76 Resp: 182662  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 49.742 ug/l  
RT: 4.397 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 43 Resp: 35380  
Ion Ratio Lower Upper  
43 100  
74 22.5 19.8 29.6

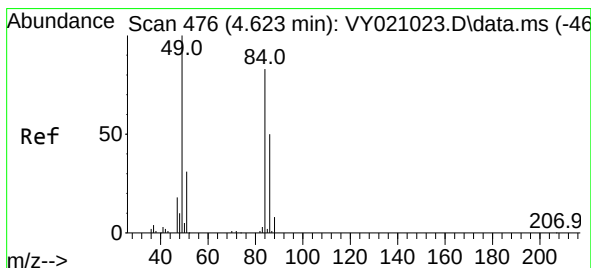
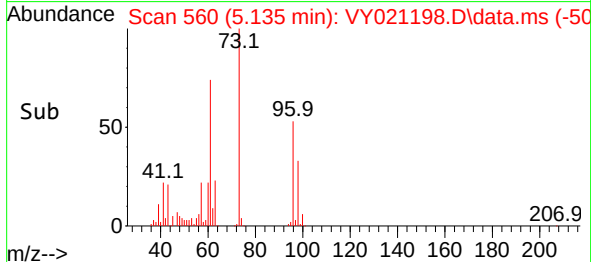
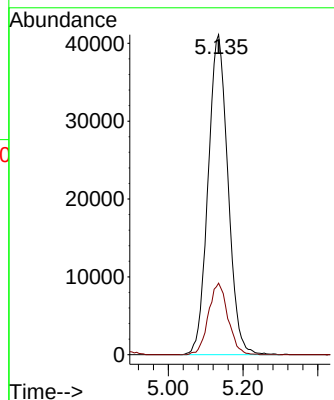
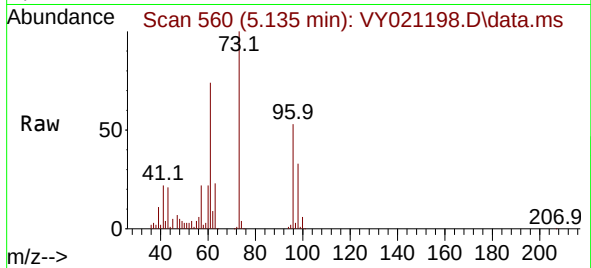




#19  
Methyl tert-butyl Ether  
Concen: 49.589 ug/l  
RT: 5.135 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

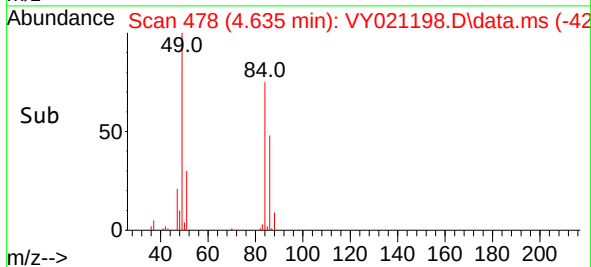
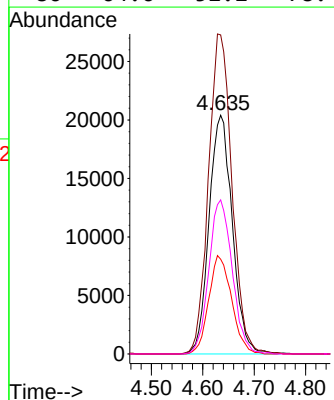
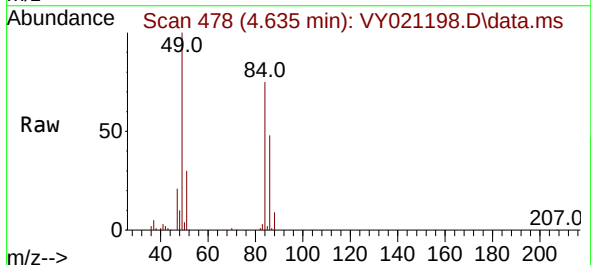
Instrument :  
MSVOA\_Y  
ClientSampleId :

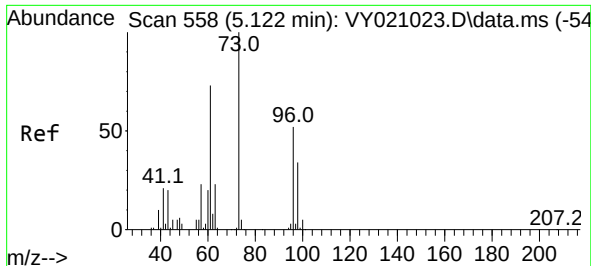
Tgt Ion: 73 Resp: 151545  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.7 26.5



#20  
Methylene Chloride  
Concen: 51.000 ug/l  
RT: 4.635 min Scan# 478  
Delta R.T. 0.012 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 84 Resp: 64239  
Ion Ratio Lower Upper  
84 100  
49 133.6 95.2 142.8  
51 39.7 29.9 44.9  
86 64.6 52.2 78.4

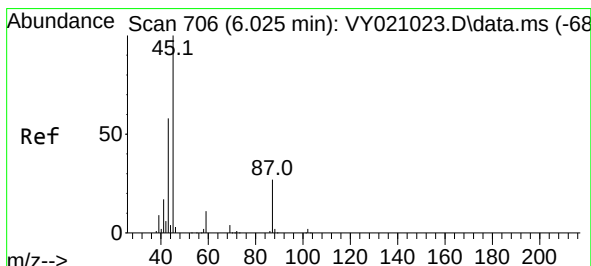
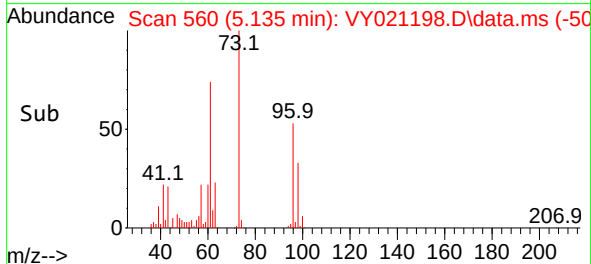
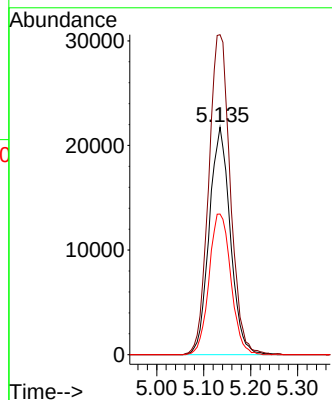
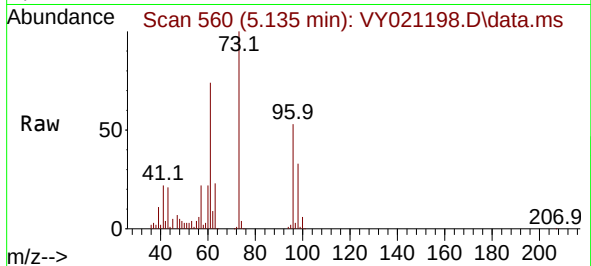




#21  
trans-1,2-Dichloroethene  
Concen: 50.858 ug/l  
RT: 5.135 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

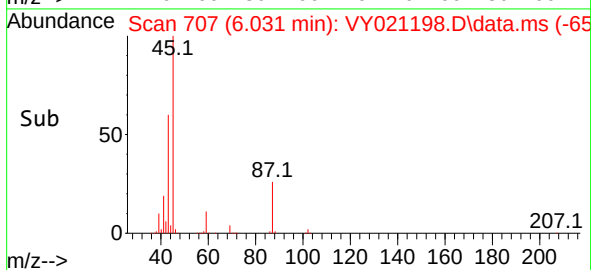
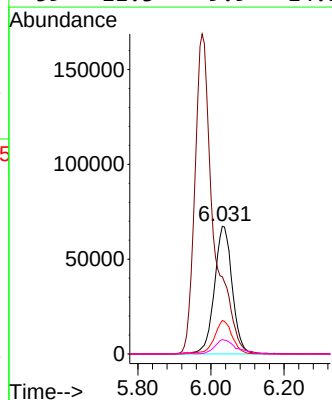
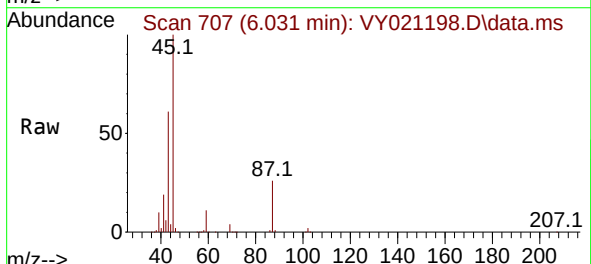
Instrument :  
MSVOA\_Y  
ClientSampleId :

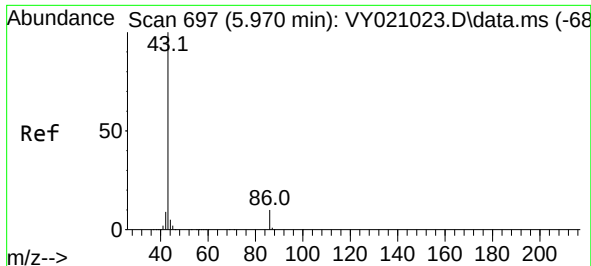
Tgt Ion: 96 Resp: 67688  
Ion Ratio Lower Upper  
96 100  
61 140.7 104.6 156.8  
98 61.9 50.9 76.3



#22  
Diisopropyl ether  
Concen: 54.087 ug/l  
RT: 6.031 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 45 Resp: 227177  
Ion Ratio Lower Upper  
45 100  
43 60.1 46.8 70.2  
87 26.2 22.2 33.2  
59 11.3 9.9 14.9

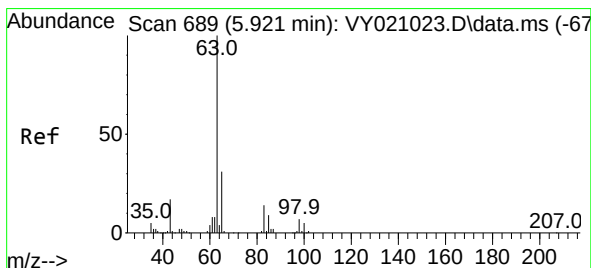
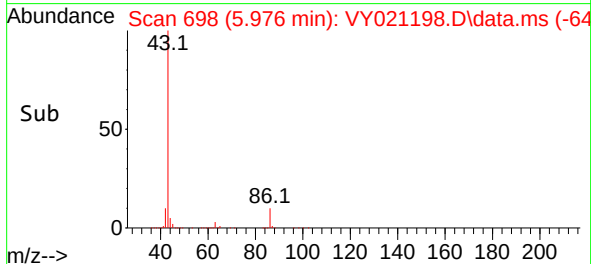
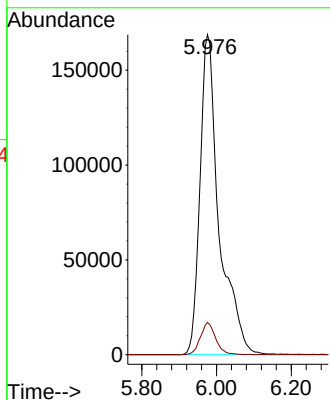
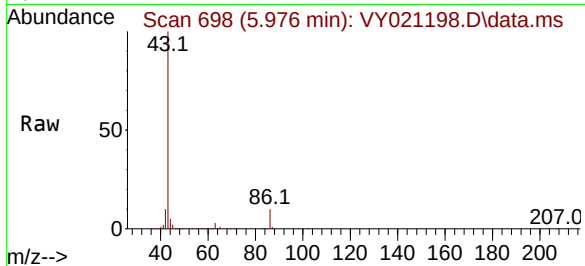




#23  
 Vinyl Acetate  
 Concen: 255.654 ug/l  
 RT: 5.976 min Scan# 698  
 Delta R.T. 0.006 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

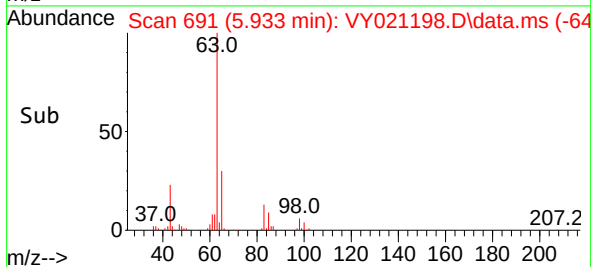
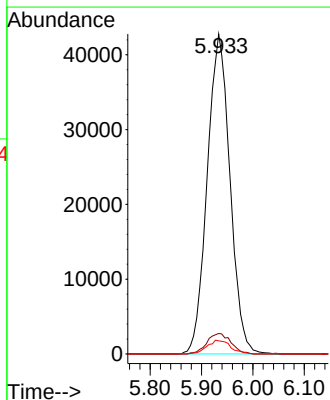
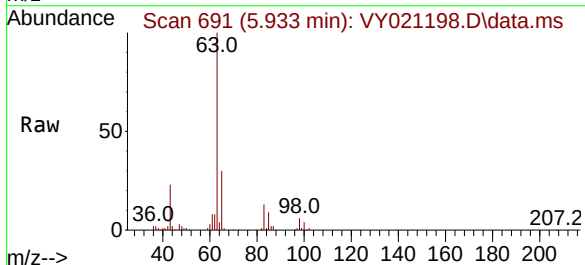
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 598606  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.6 13.0

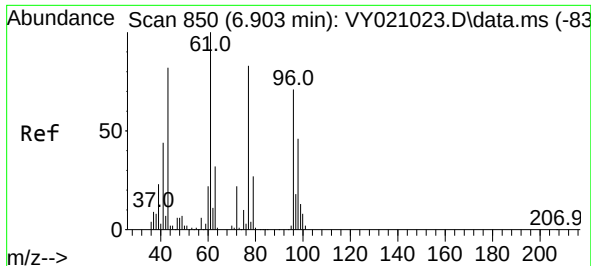


#24  
 1,1-Dichloroethane  
 Concen: 53.532 ug/l  
 RT: 5.933 min Scan# 691  
 Delta R.T. 0.012 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

Tgt Ion: 63 Resp: 131735  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.8 11.4  
 100 4.1 2.1 6.2



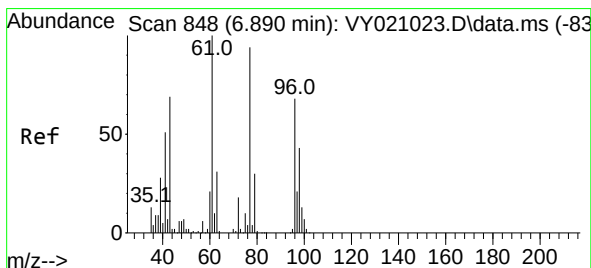
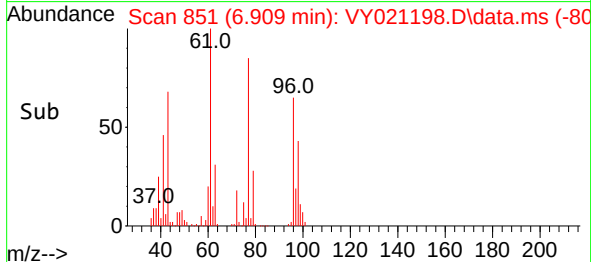
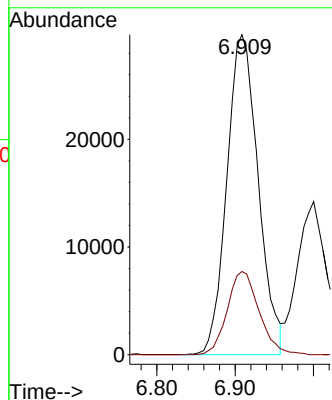
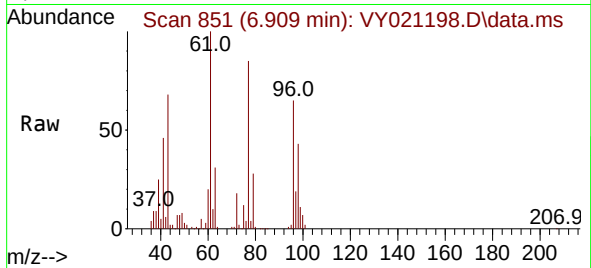




#25  
2-Butanone  
Concen: 248.356 ug/l  
RT: 6.909 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

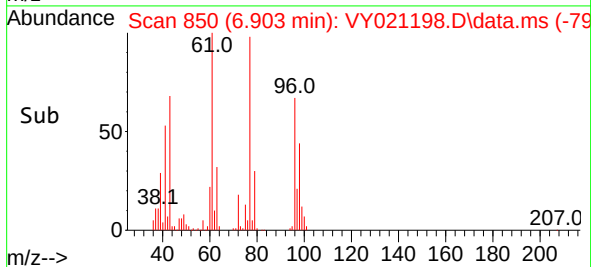
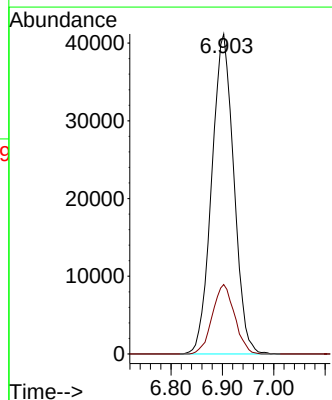
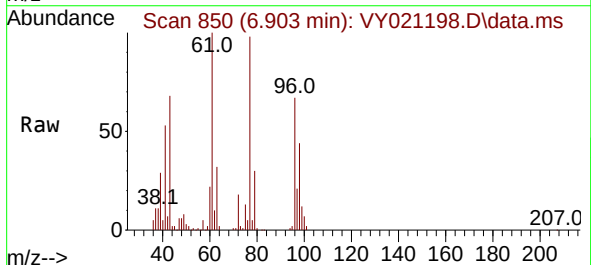
Instrument :  
MSVOA\_Y  
ClientSampleId :

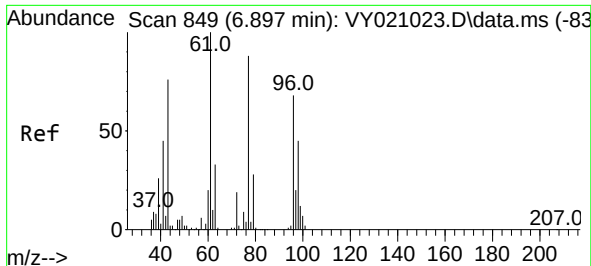
Tgt Ion: 43 Resp: 82691  
Ion Ratio Lower Upper  
43 100  
72 26.0 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 53.973 ug/l  
RT: 6.903 min Scan# 850  
Delta R.T. 0.012 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

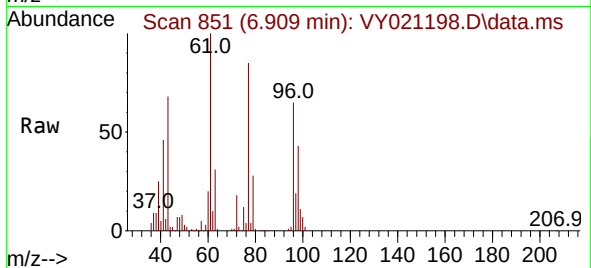
Tgt Ion: 77 Resp: 122897  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.7 35.0



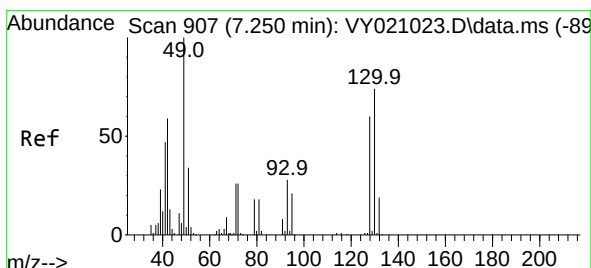
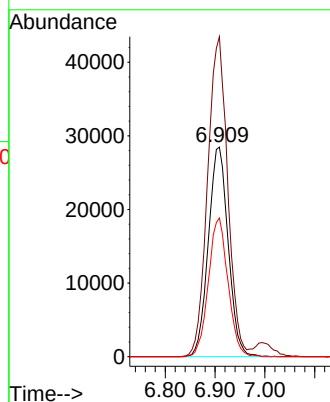
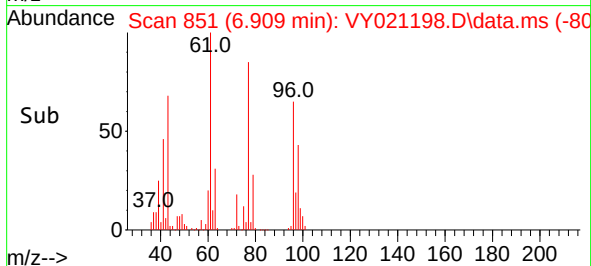


#27  
 cis-1,2-Dichloroethene  
 Concen: 51.436 ug/l  
 RT: 6.909 min Scan# 81  
 Delta R.T. 0.012 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

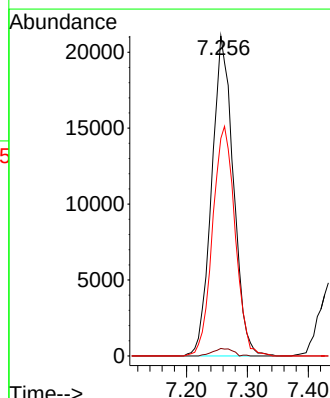
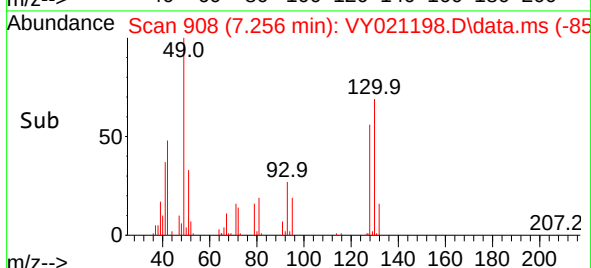
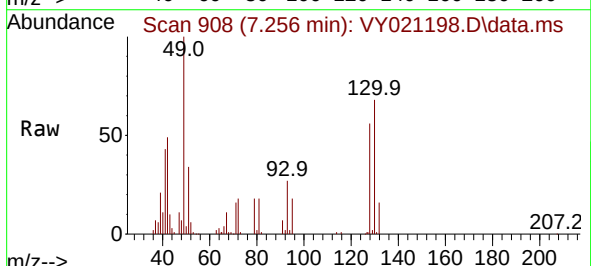


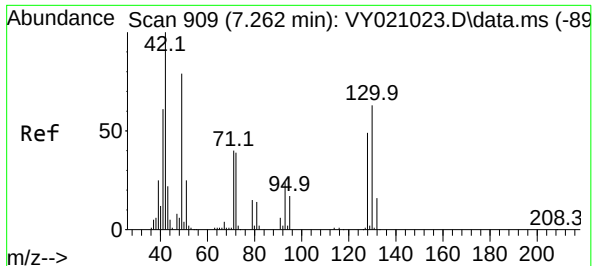
Tgt Ion: 96 Resp: 78796  
 Ion Ratio Lower Upper  
 96 100  
 61 155.1 0.0 278.8  
 98 65.2 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 53.672 ug/l  
 RT: 7.256 min Scan# 908  
 Delta R.T. 0.006 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

Tgt Ion: 49 Resp: 52228  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 3.8  
 130 74.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 237.676 ug/l

RT: 7.281 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

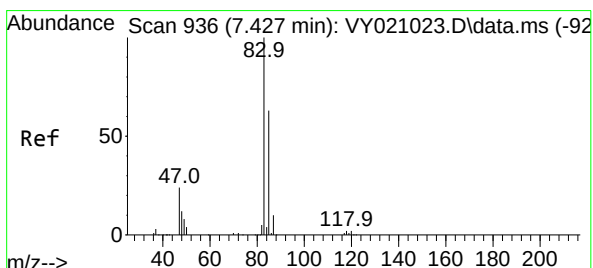
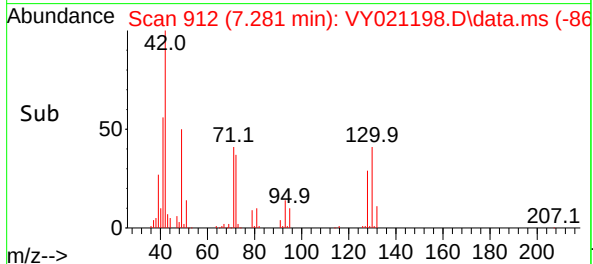
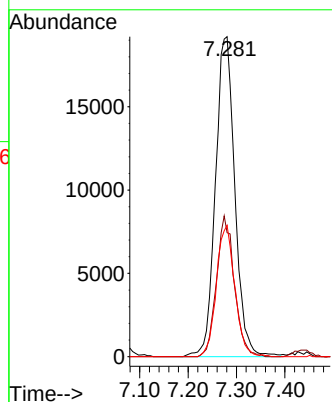
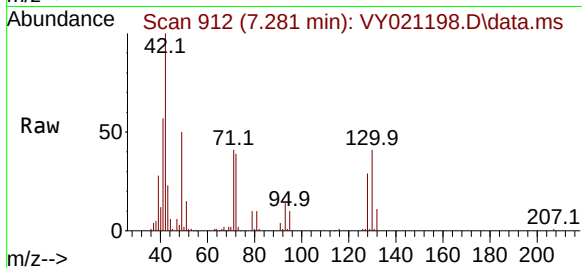
Tgt Ion: 42 Resp: 53548

Ion Ratio Lower Upper

42 100

72 40.5 36.6 54.8

71 39.0 33.8 50.6



#30

Chloroform

Concen: 53.889 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021198.D

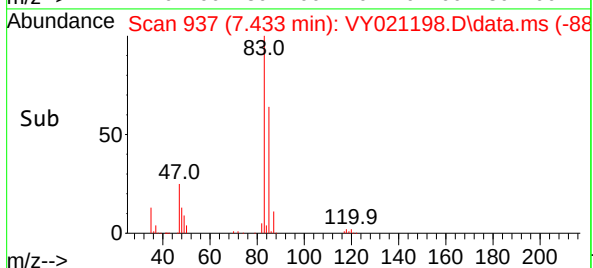
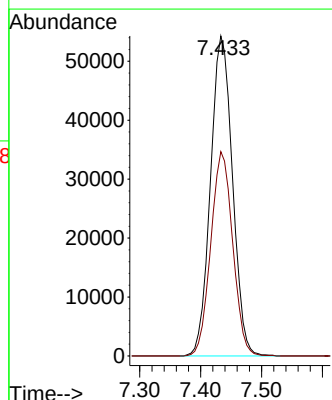
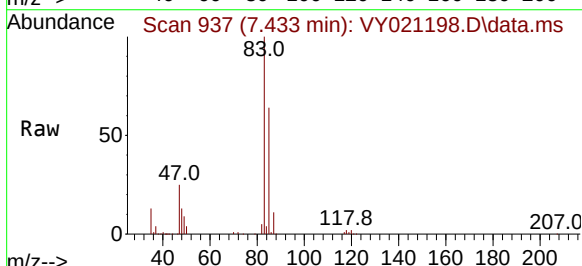
Acq: 14 Feb 2025 09:06

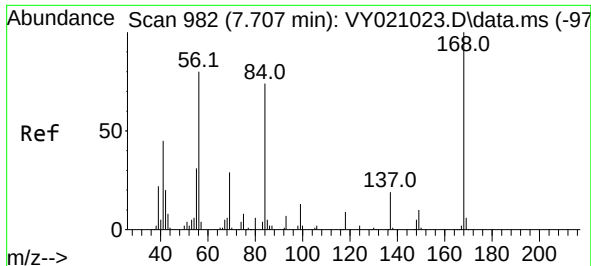
Tgt Ion: 83 Resp: 136214

Ion Ratio Lower Upper

83 100

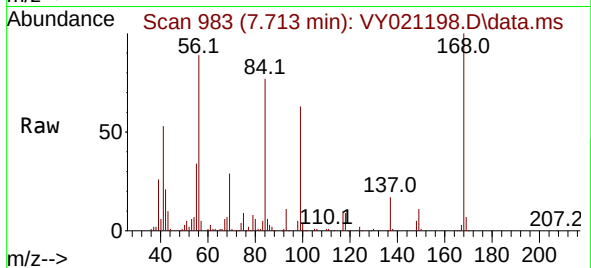
85 63.8 51.2 76.8



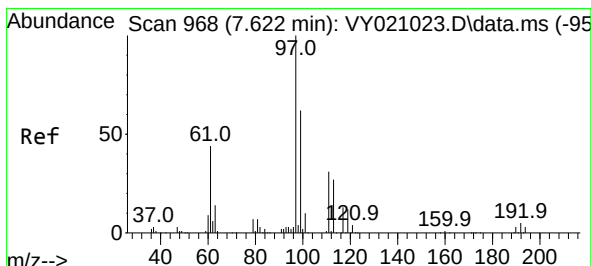
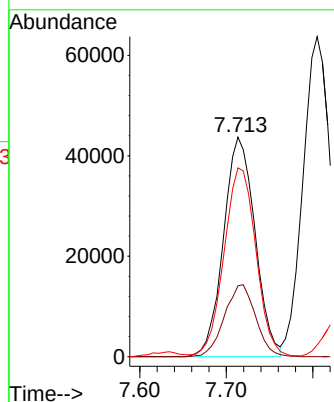
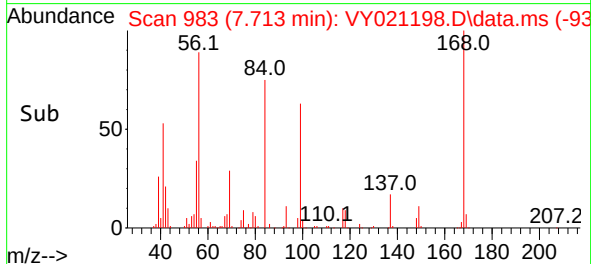


#31  
Cyclohexane  
Concen: 49.901 ug/l  
RT: 7.713 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

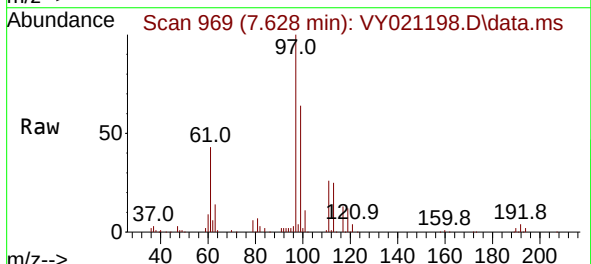
Instrument :  
MSVOA\_Y  
ClientSampleId :



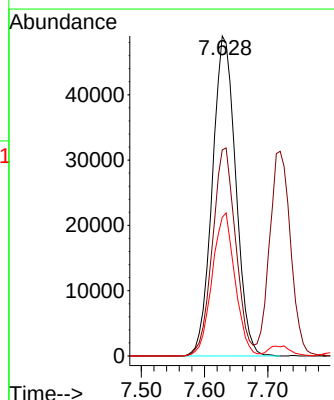
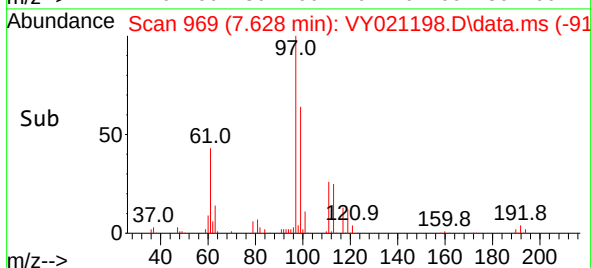
Tgt Ion: 56 Resp: 110584  
Ion Ratio Lower Upper  
56 100  
69 32.3 27.0 40.6  
84 84.9 71.8 107.6

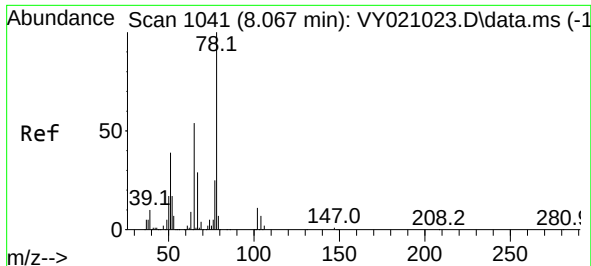


#32  
1,1,1-Trichloroethane  
Concen: 53.566 ug/l  
RT: 7.628 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06



Tgt Ion: 97 Resp: 125883  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.2 76.8  
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.901 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

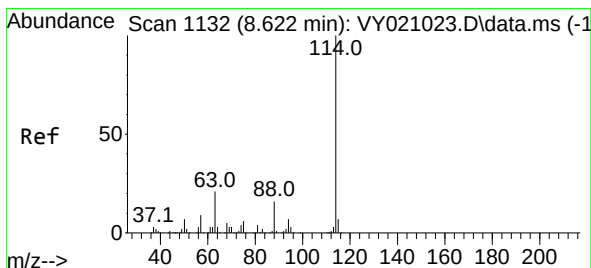
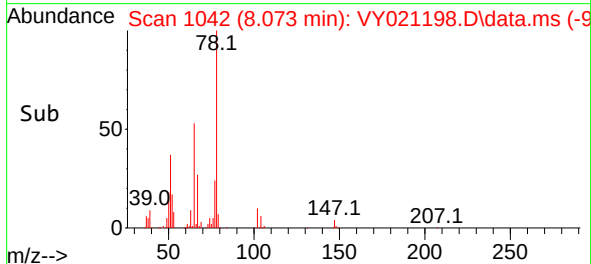
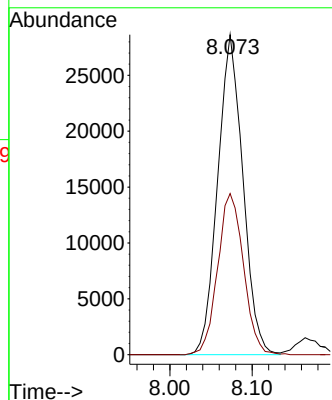
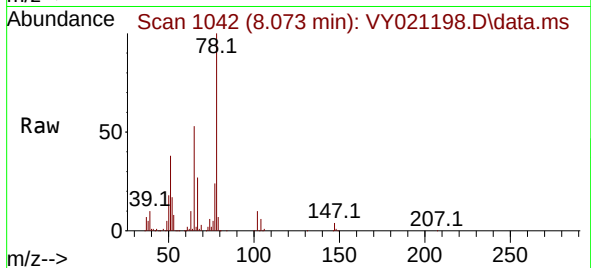
ClientSampleId :

Tgt Ion: 65 Resp: 60937

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

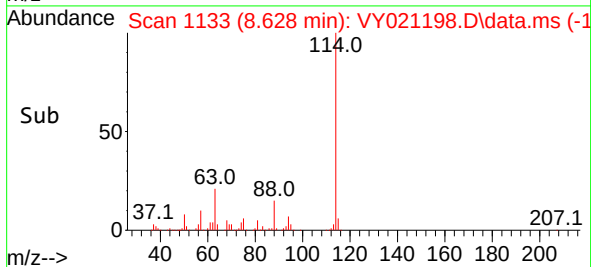
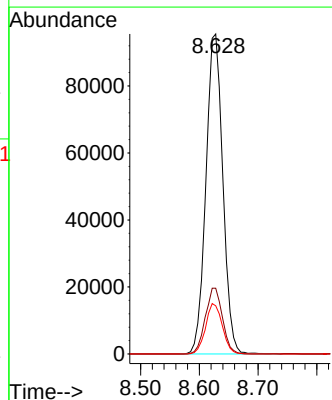
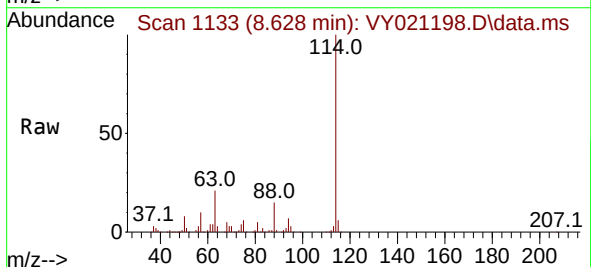
Tgt Ion: 114 Resp: 191284

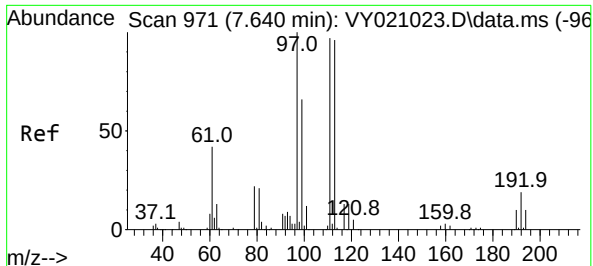
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.1 0.0 29.0

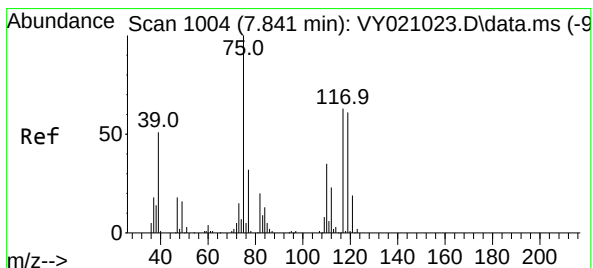
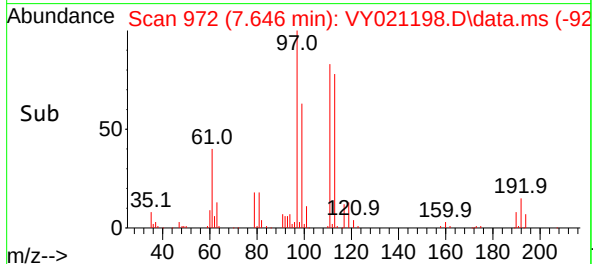
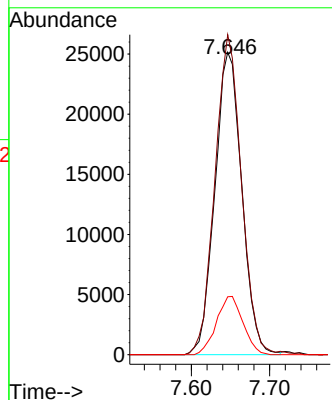
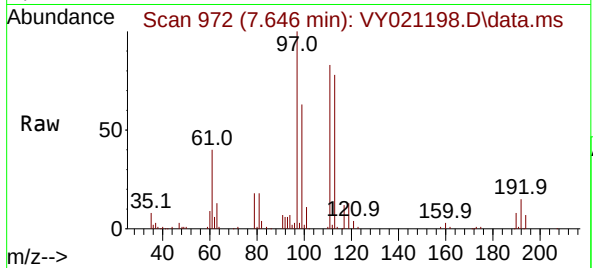




#35  
 Dibromofluoromethane  
 Concen: 49.044 ug/l  
 RT: 7.646 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

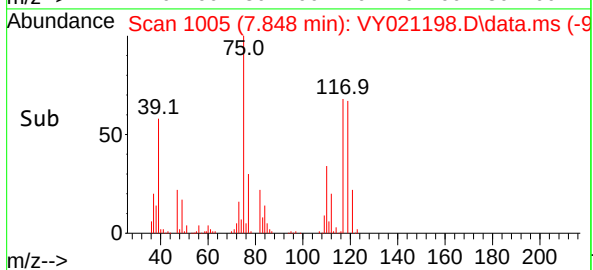
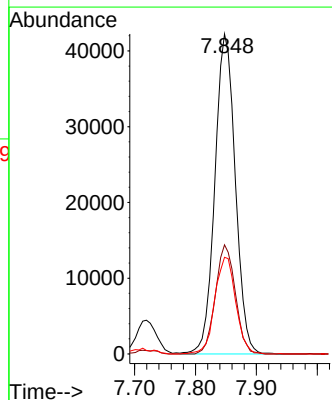
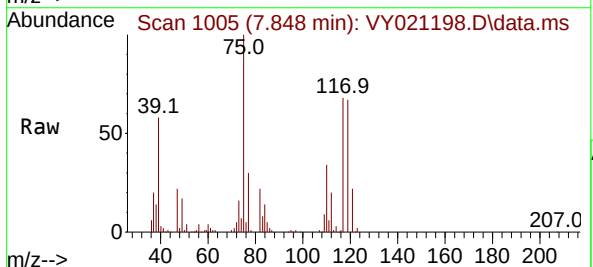
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

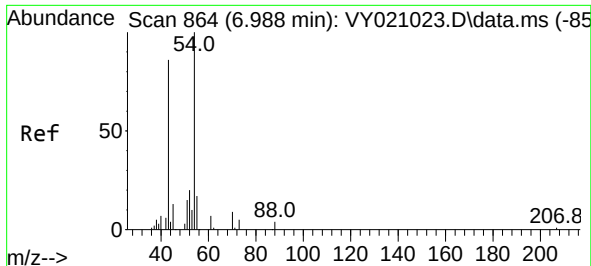
Tgt Ion:113 Resp: 60122  
 Ion Ratio Lower Upper  
 113 100  
 111 104.3 83.8 125.6  
 192 19.0 14.5 21.7



#36  
 1,1-Dichloropropene  
 Concen: 54.173 ug/l  
 RT: 7.848 min Scan# 1005  
 Delta R.T. 0.006 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

Tgt Ion: 75 Resp: 98365  
 Ion Ratio Lower Upper  
 75 100  
 110 33.2 17.4 52.3  
 77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 48.537 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.012 min

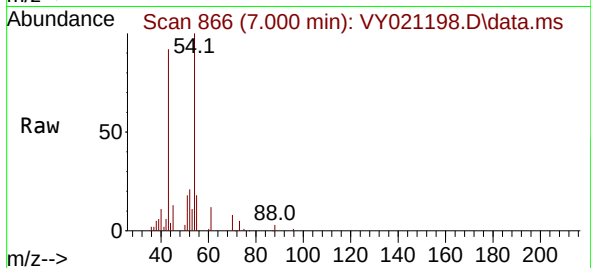
Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :



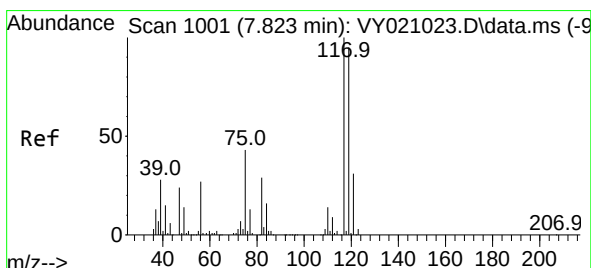
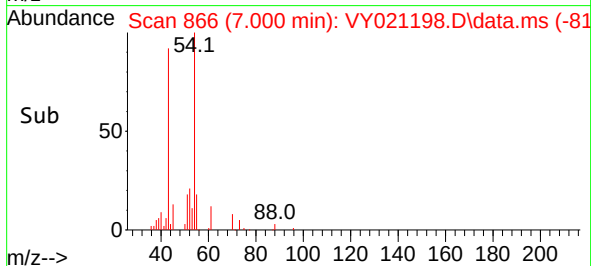
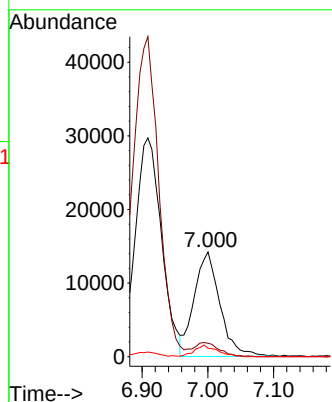
Tgt Ion: 43 Resp: 38662

Ion Ratio Lower Upper

43 100

61 12.1 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 54.629 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

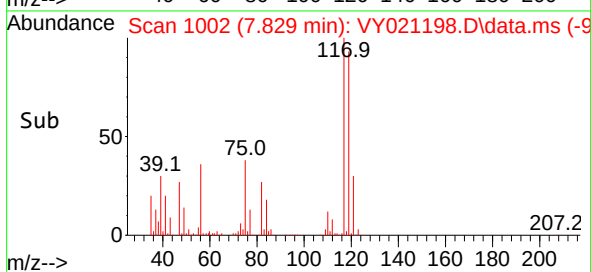
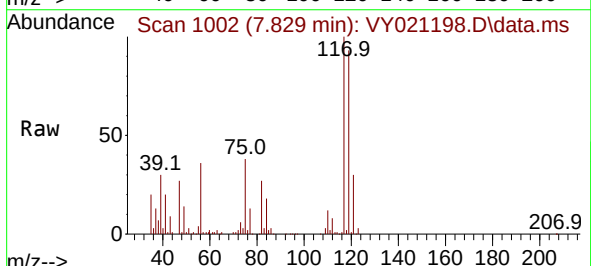
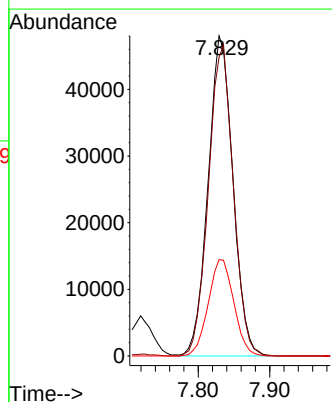
Tgt Ion: 117 Resp: 115902

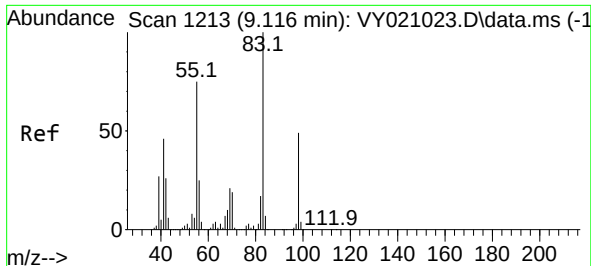
Ion Ratio Lower Upper

117 100

119 93.4 76.0 114.0

121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 53.345 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

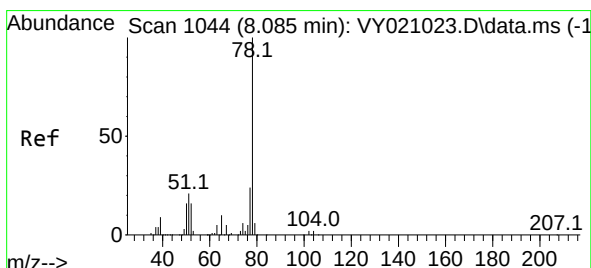
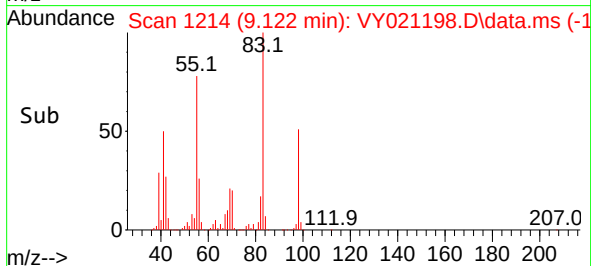
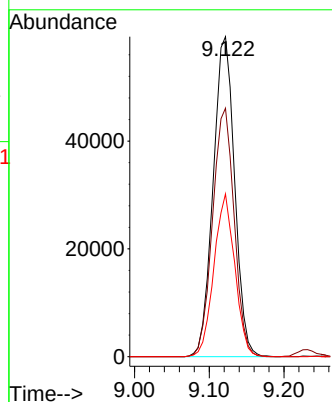
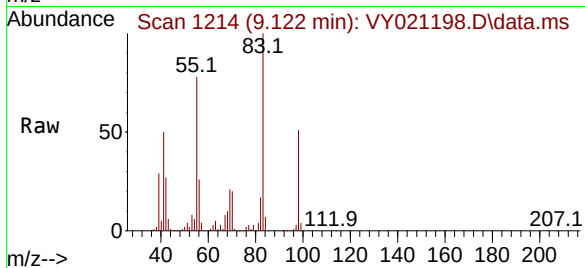
Tgt Ion: 83 Resp: 118479

Ion Ratio Lower Upper

83 100

55 77.6 59.7 89.5

98 50.8 38.0 57.0



#40

Benzene

Concen: 53.935 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021198.D

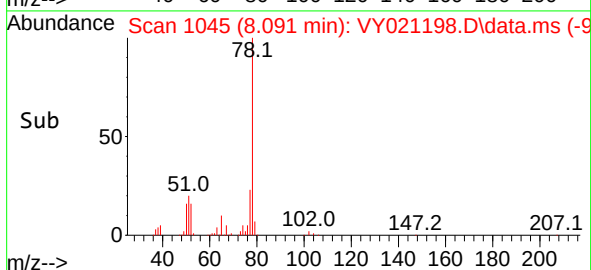
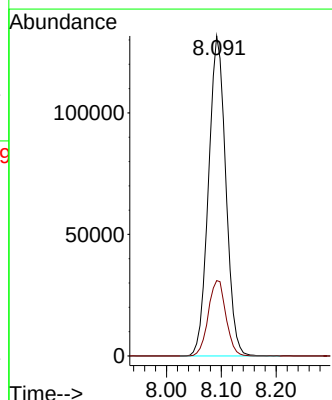
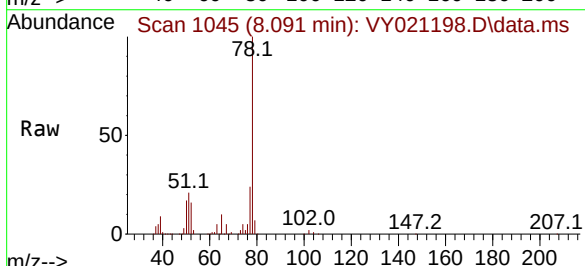
Acq: 14 Feb 2025 09:06

Tgt Ion: 78 Resp: 287395

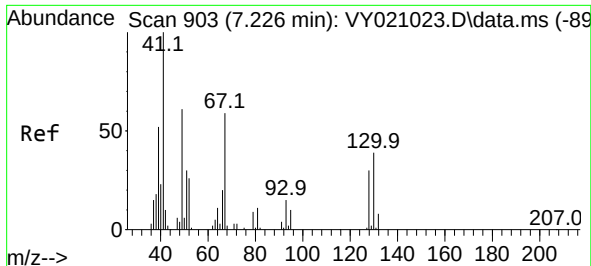
Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



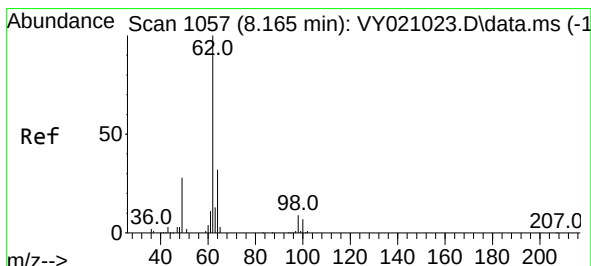
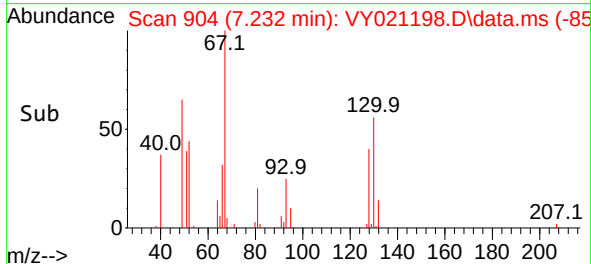
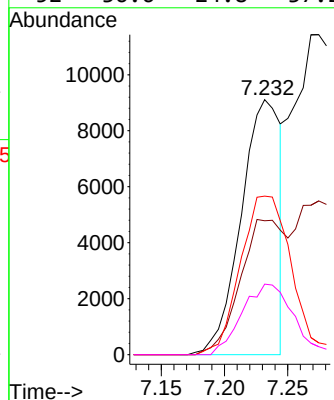
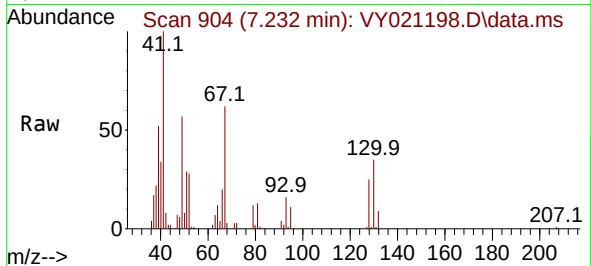




#41  
Methacrylonitrile  
Concen: 42.745 ug/l  
RT: 7.232 min Scan# 903  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

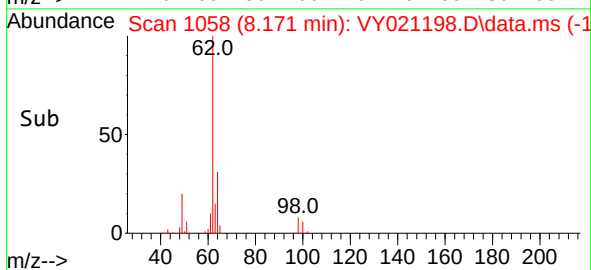
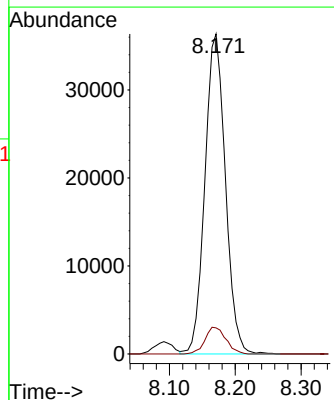
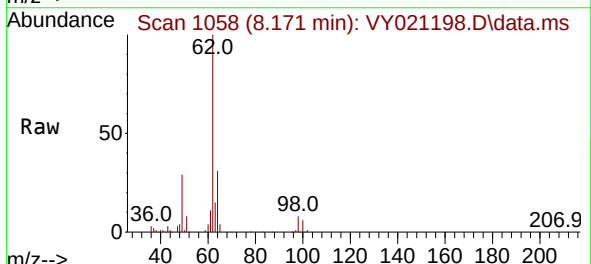
Instrument :  
MSVOA\_Y  
ClientSampleId :

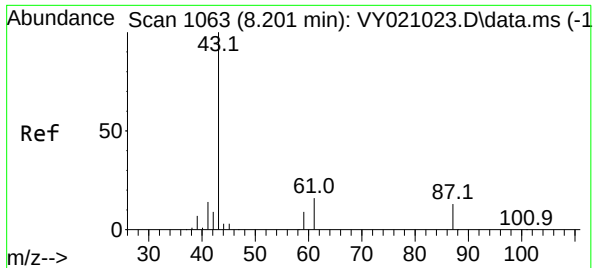
Tgt Ion: 41 Resp: 19698  
Ion Ratio Lower Upper  
41 100  
39 62.0 41.9 62.9  
67 81.1 59.8 89.6  
52 36.6 24.8 37.2



#42  
1,2-Dichloroethane  
Concen: 53.288 ug/l  
RT: 8.171 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 62 Resp: 78768  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 20.2

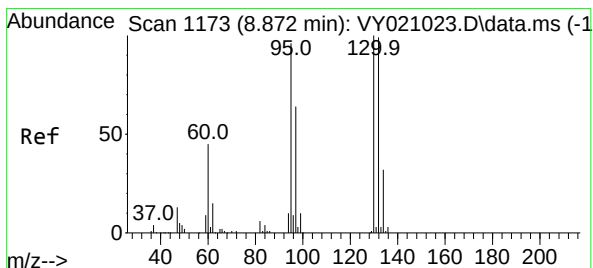
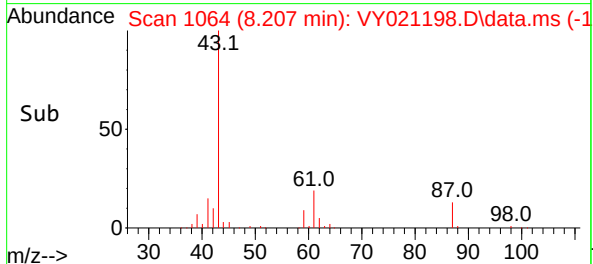
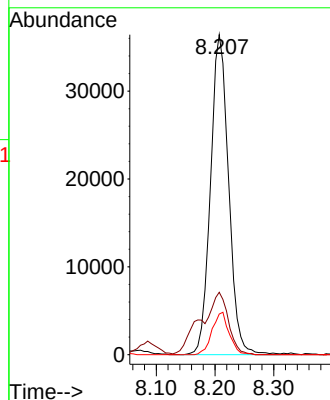
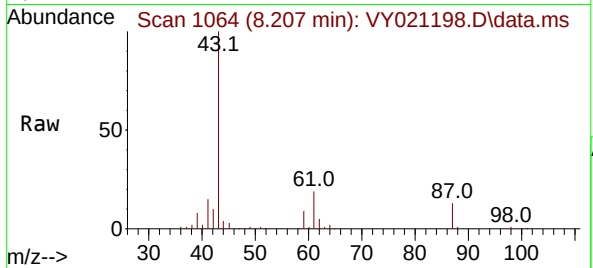




#43  
Isopropyl Acetate  
Concen: 49.270 ug/l  
RT: 8.207 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

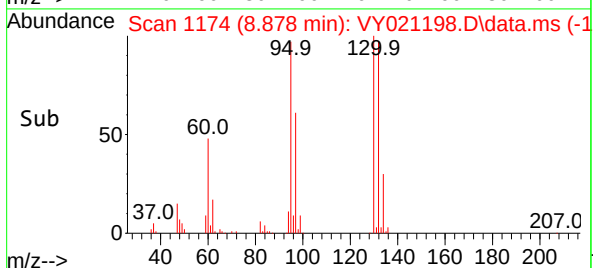
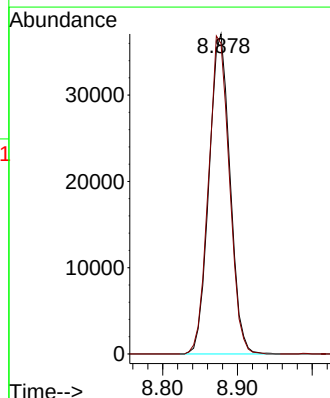
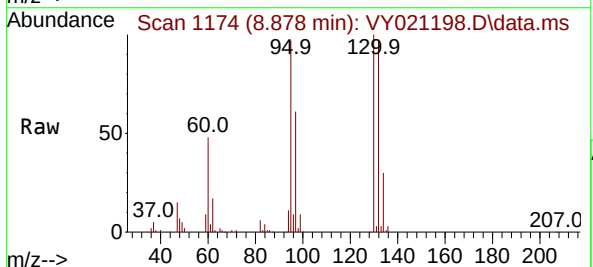
Instrument :  
MSVOA\_Y  
ClientSampleId :

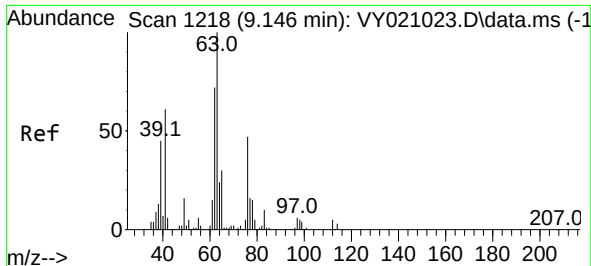
Tgt Ion: 43 Resp: 77983  
Ion Ratio Lower Upper  
43 100  
61 19.3 24.8 37.2#  
87 12.5 10.7 16.1



#44  
Trichloroethene  
Concen: 52.523 ug/l  
RT: 8.878 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion:130 Resp: 72308  
Ion Ratio Lower Upper  
130 100  
95 97.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 53.848 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

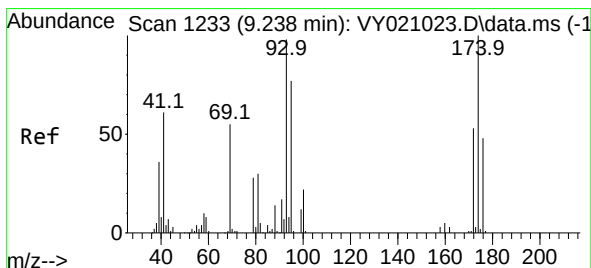
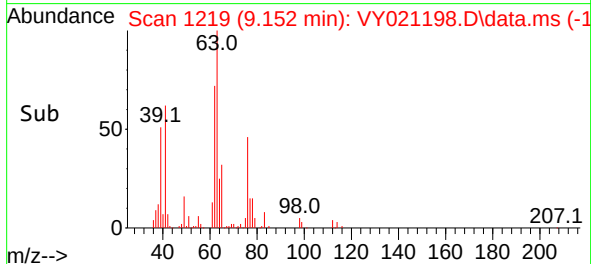
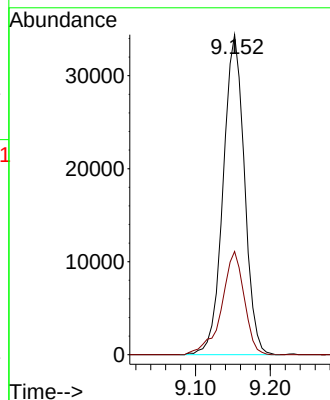
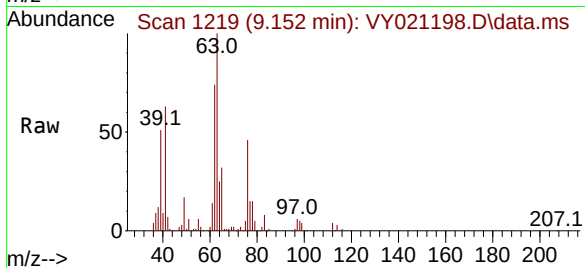
ClientSampleId :

Tgt Ion: 63 Resp: 68103

Ion Ratio Lower Upper

63 100

65 32.3 24.6 36.8



#46

Dibromomethane

Concen: 50.282 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

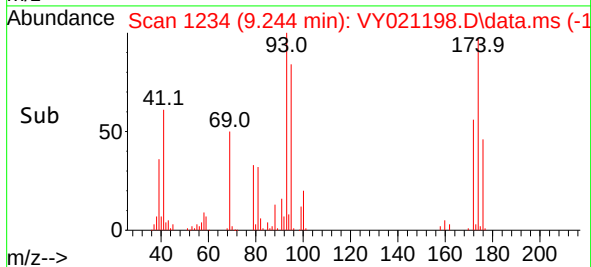
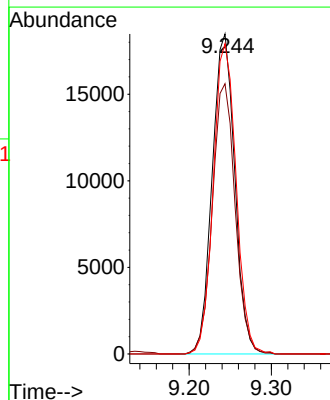
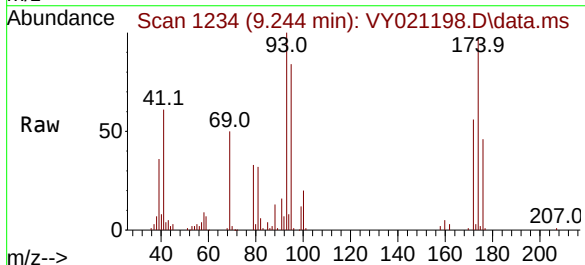
Tgt Ion: 93 Resp: 35210

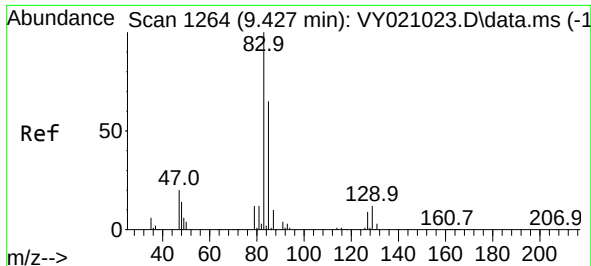
Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

174 98.1 73.8 110.6

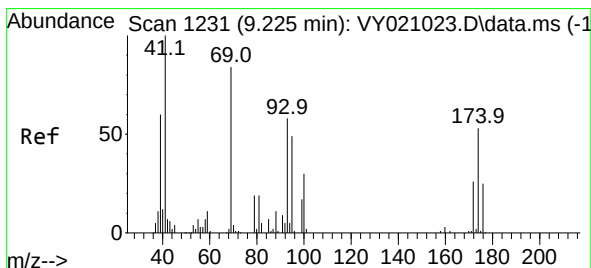
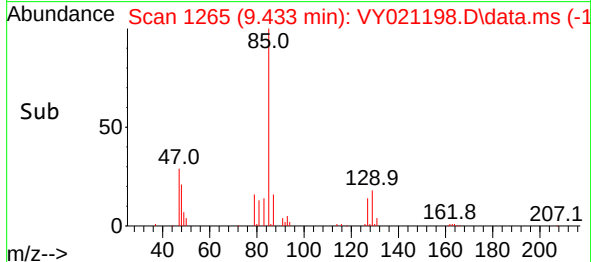
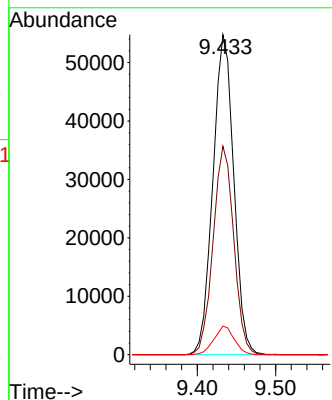
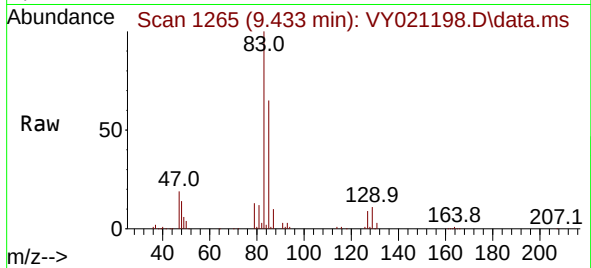




#47  
Bromodichloromethane  
Concen: 54.003 ug/l  
RT: 9.433 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

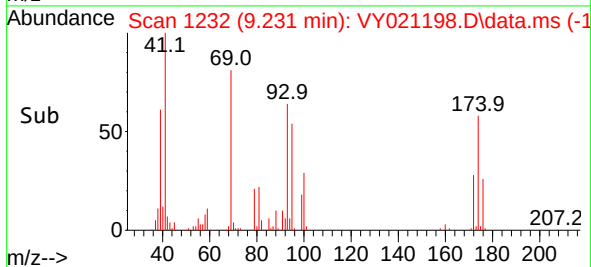
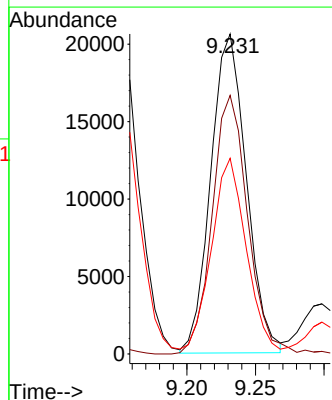
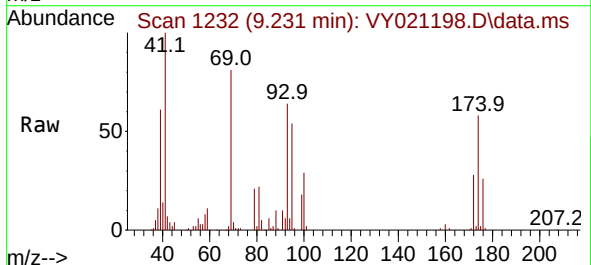
Instrument :  
MSVOA\_Y  
ClientSampleId :

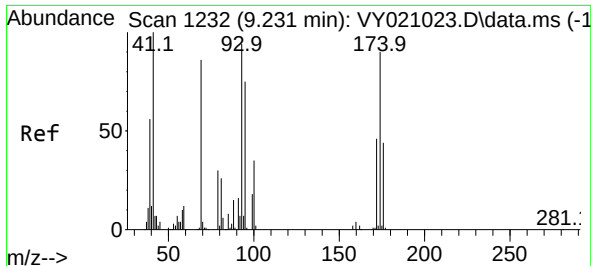
Tgt Ion: 83 Resp: 101420  
Ion Ratio Lower Upper  
83 100  
85 65.2 53.2 79.8  
127 9.0 6.4 9.6



#48  
Methyl methacrylate  
Concen: 51.674 ug/l  
RT: 9.231 min Scan# 1232  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 41 Resp: 37255  
Ion Ratio Lower Upper  
41 100  
69 81.6 72.1 108.1  
39 57.7 42.8 64.2





#49

1,4-Dioxane

Concen: 968.576 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

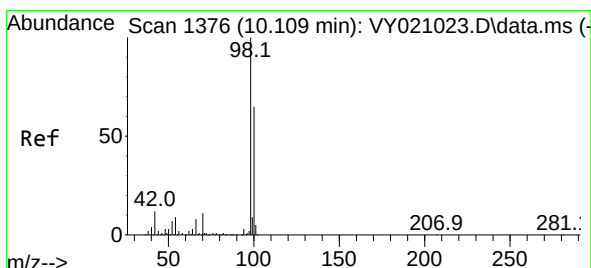
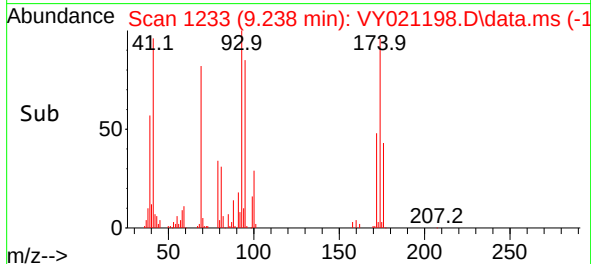
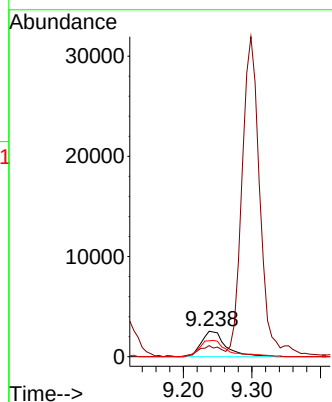
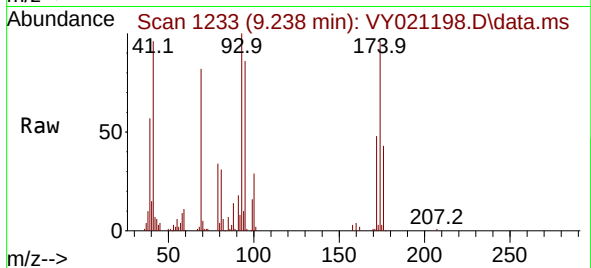
Tgt Ion: 88 Resp: 6314

Ion Ratio Lower Upper

88 100

43 39.7 28.2 42.4

58 74.8 52.2 78.2



#50

Toluene-d8

Concen: 48.888 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021198.D

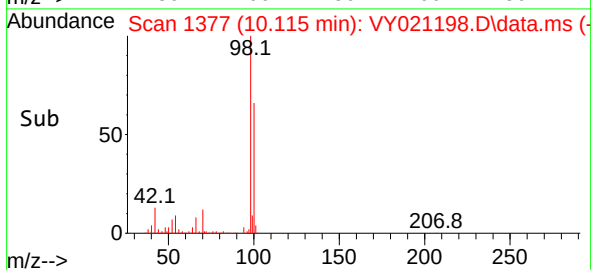
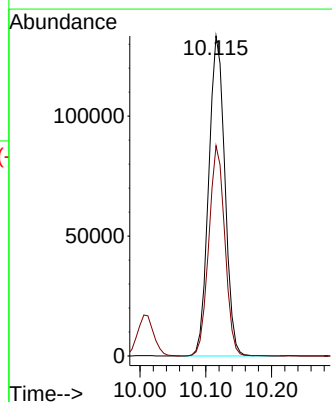
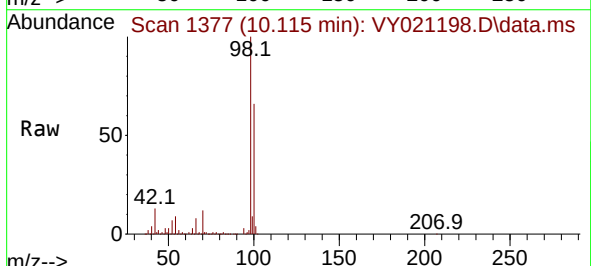
Acq: 14 Feb 2025 09:06

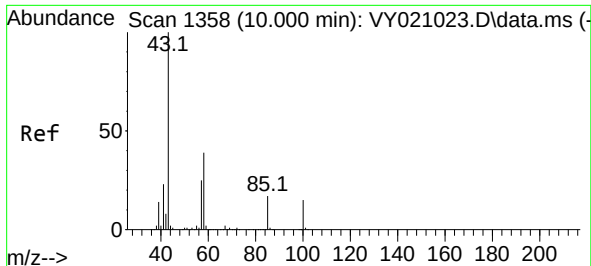
Tgt Ion: 98 Resp: 228160

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

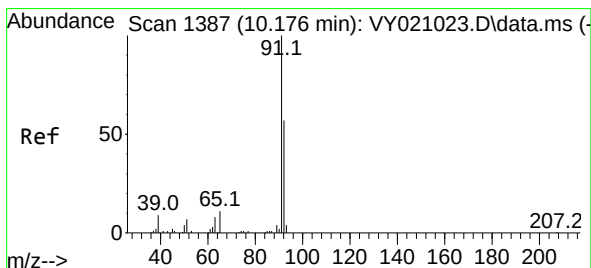
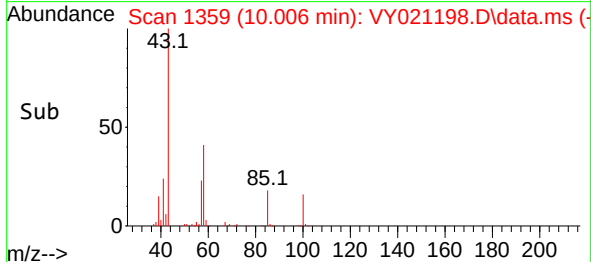
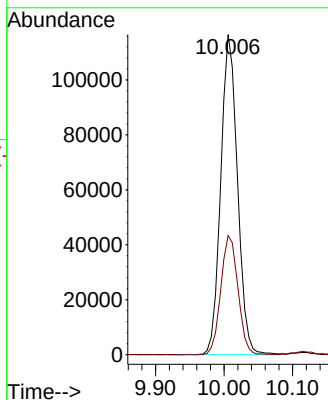
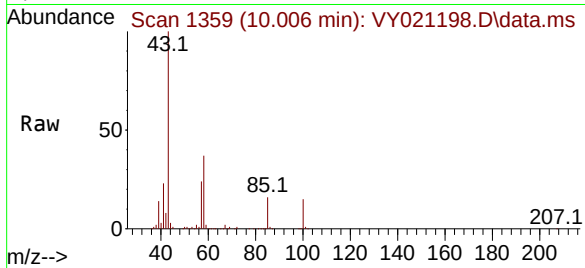




#51  
4-Methyl-2-Pentanone  
Concen: 247.016 ug/l  
RT: 10.006 min Scan# 1359  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

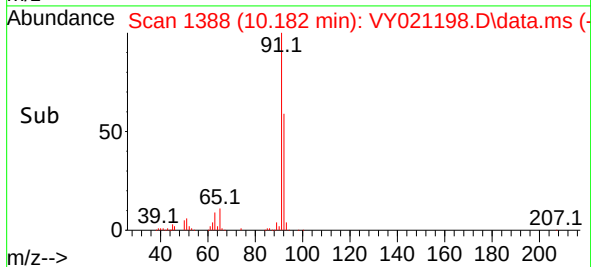
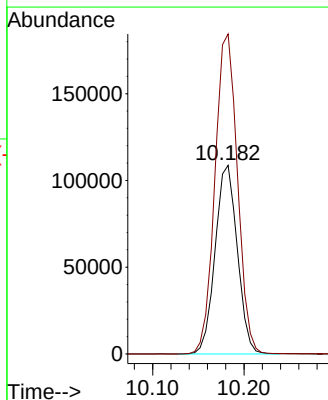
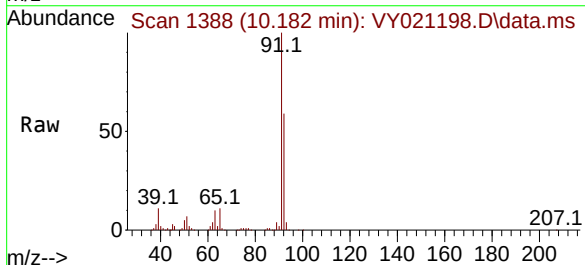
Instrument :  
MSVOA\_Y  
ClientSampleId :

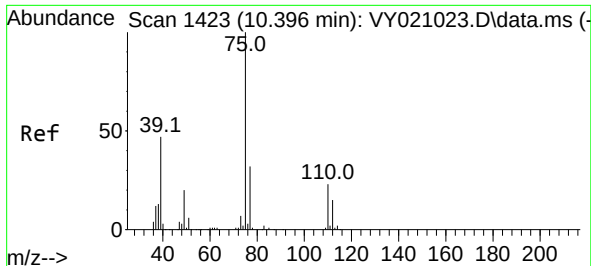
Tgt Ion: 43 Resp: 196604  
Ion Ratio Lower Upper  
43 100  
58 38.2 32.2 48.2



#52  
Toluene  
Concen: 54.792 ug/l  
RT: 10.182 min Scan# 1388  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 92 Resp: 183322  
Ion Ratio Lower Upper  
92 100  
91 172.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 53.291 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

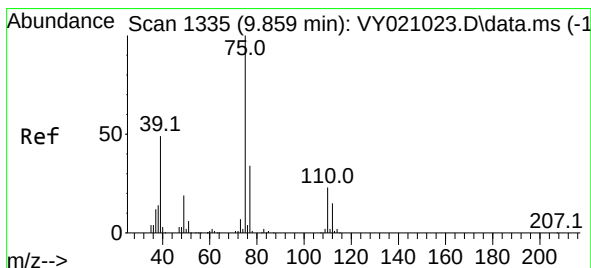
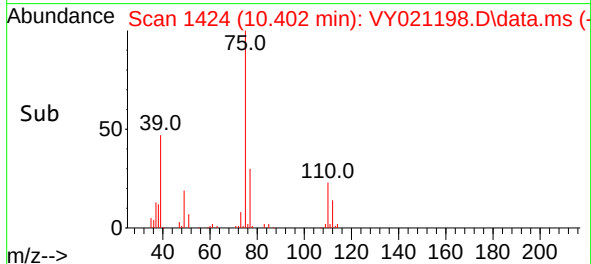
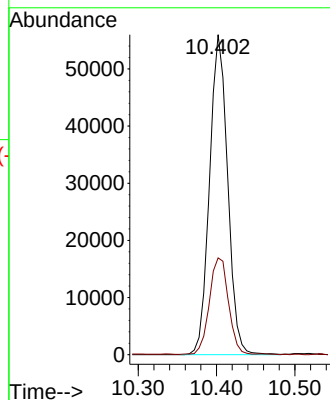
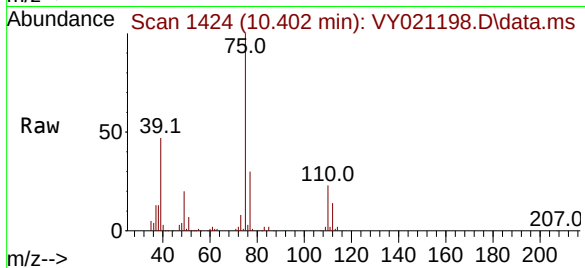
ClientSampleId :

Tgt Ion: 75 Resp: 89867

Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 53.386 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

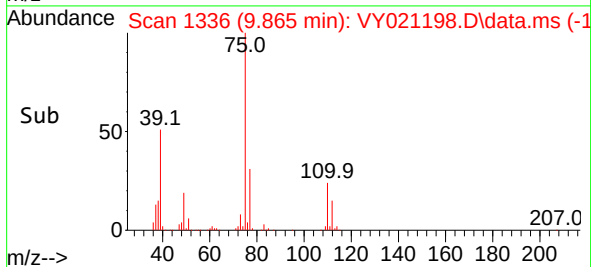
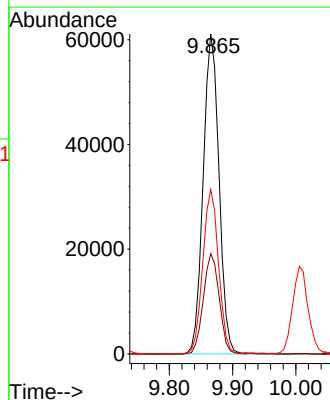
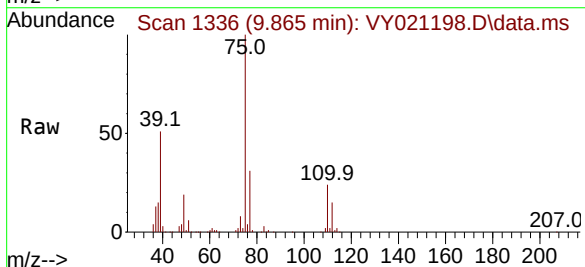
Tgt Ion: 75 Resp: 106593

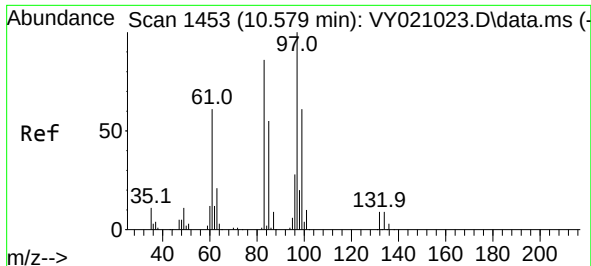
Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 51.2 33.6 50.4#

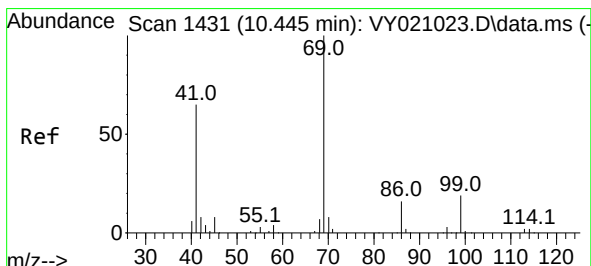
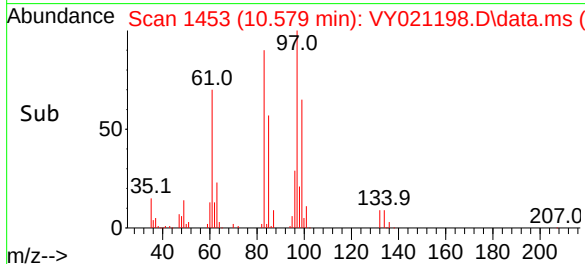
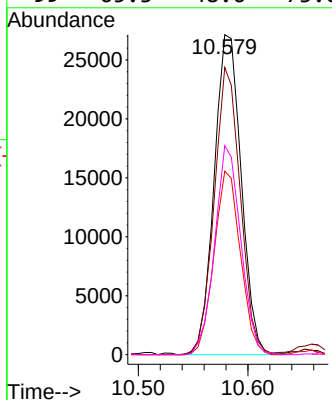
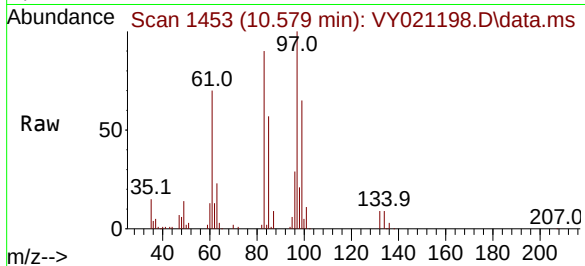




#55  
 1,1,2-Trichloroethane  
 Concen: 51.368 ug/l  
 RT: 10.579 min Scan# 1453  
 Delta R.T. -0.000 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

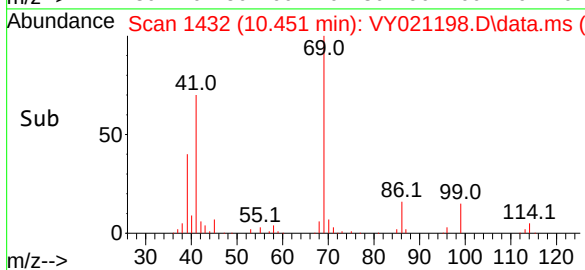
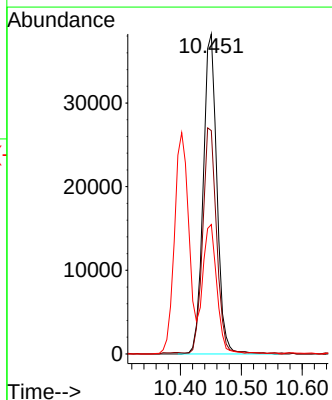
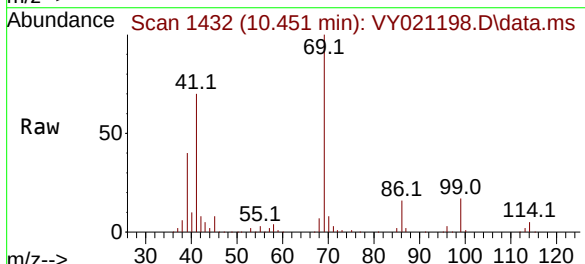
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 46580 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 89.7     | 69.4 104.2  |
| 85 57.4     | 43.9 65.9   |
| 99 65.3     | 48.6 73.0   |

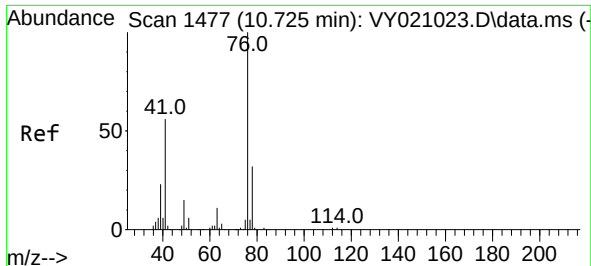


#56  
 Ethyl methacrylate  
 Concen: 49.300 ug/l  
 RT: 10.451 min Scan# 1432  
 Delta R.T. 0.006 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 59805 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 71.1     | 49.2 73.8   |
| 39 40.9     | 26.8 40.2#  |







#57

1,3-Dichloropropane

Concen: 52.123 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

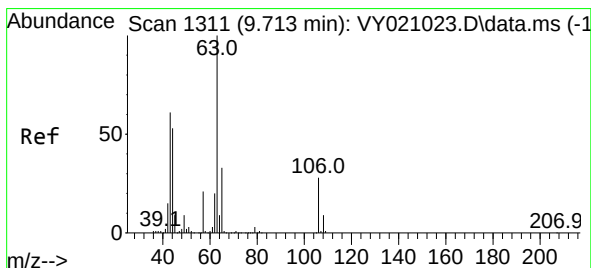
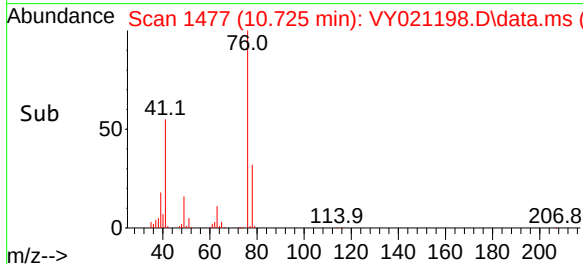
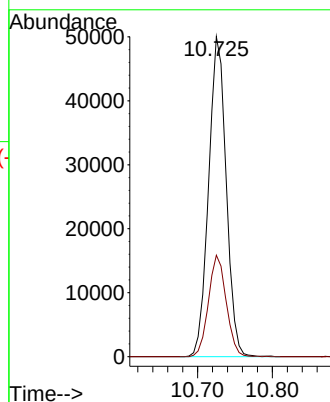
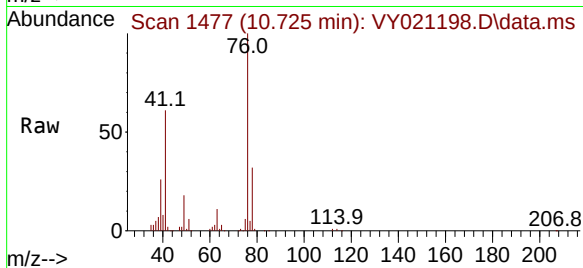
ClientSampleId :

Tgt Ion: 76 Resp: 81809

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 253.477 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021198.D

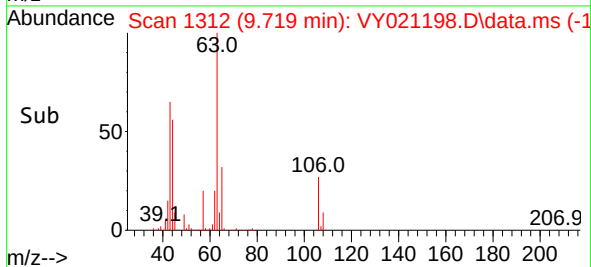
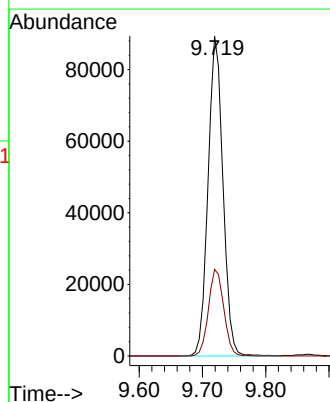
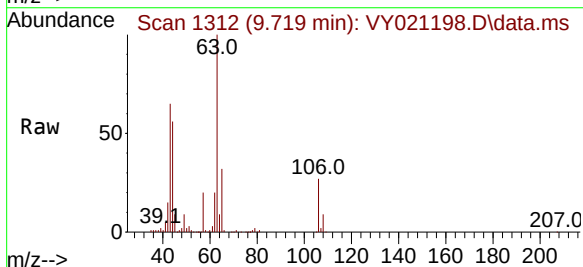
Acq: 14 Feb 2025 09:06

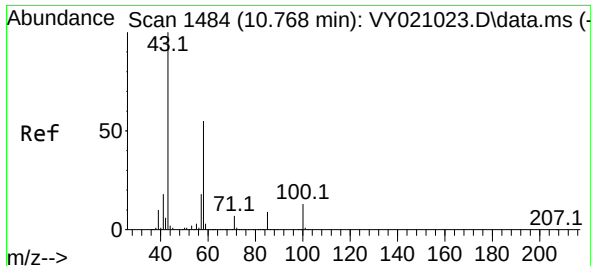
Tgt Ion: 63 Resp: 146286

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

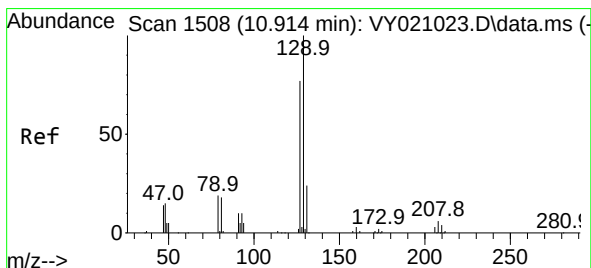
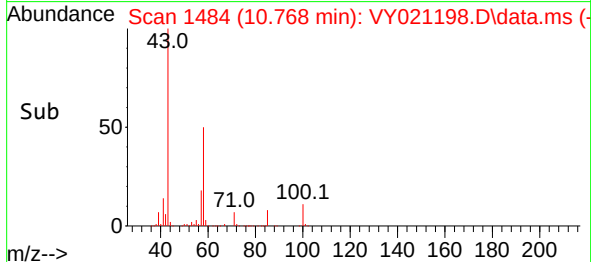
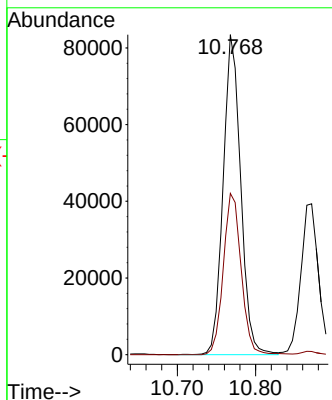
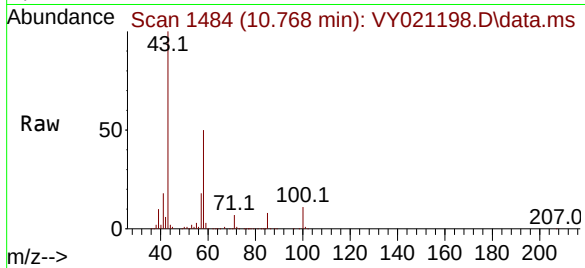




#59  
2-Hexanone  
Concen: 253.639 ug/l  
RT: 10.768 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

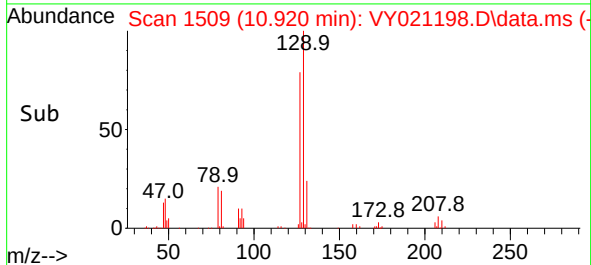
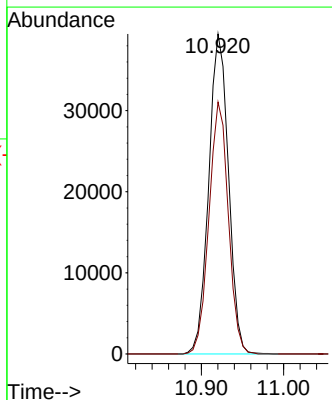
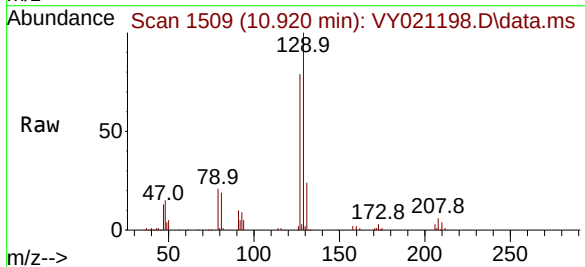
Instrument :  
MSVOA\_Y  
ClientSampleId :

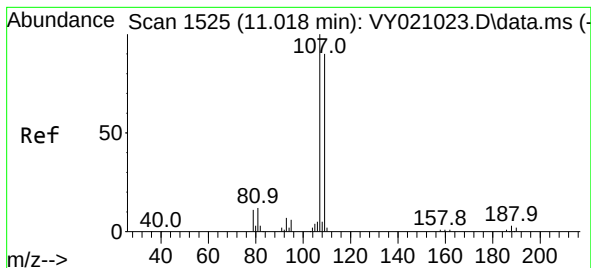
Tgt Ion: 43 Resp: 129980  
Ion Ratio Lower Upper  
43 100  
58 51.4 28.1 84.3



#60  
Dibromochloromethane  
Concen: 51.622 ug/l  
RT: 10.920 min Scan# 1509  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 129 Resp: 65738  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.2 117.6

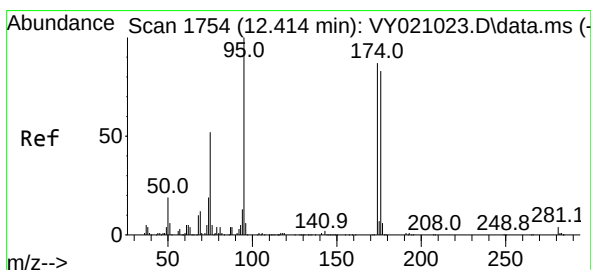
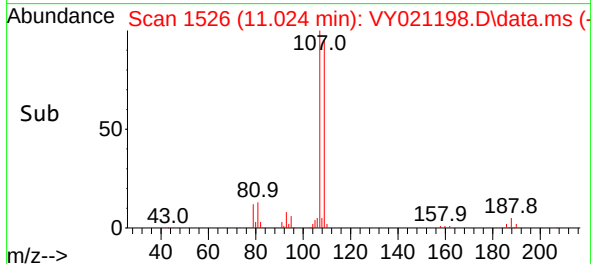
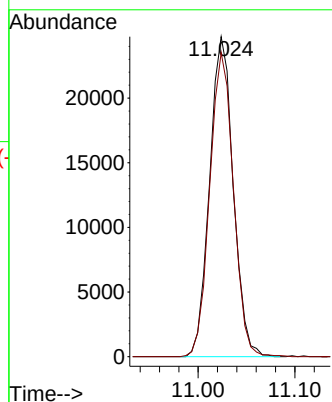
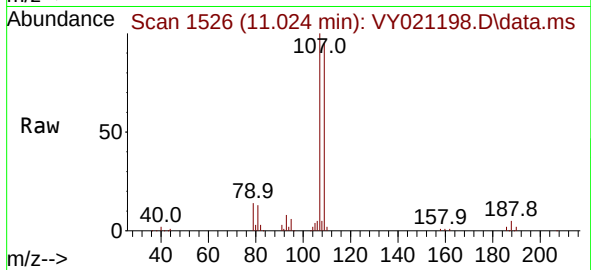




#61  
1,2-Dibromoethane  
Concen: 49.438 ug/l  
RT: 11.024 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

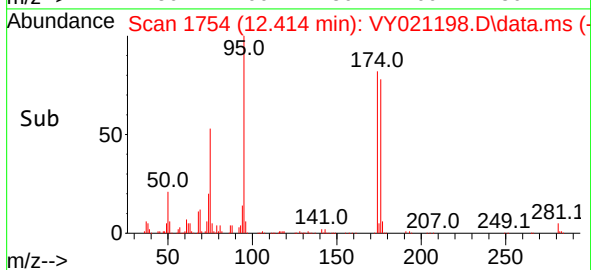
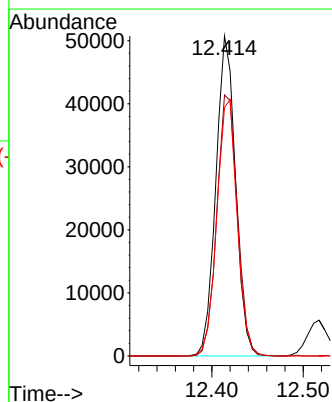
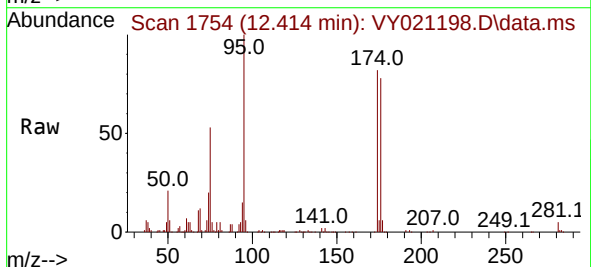
Instrument :  
MSVOA\_Y  
ClientSampleId :

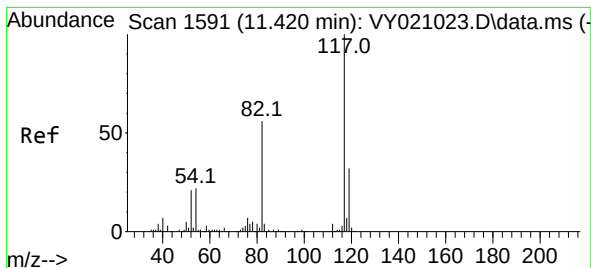
Tgt Ion:107 Resp: 41991  
Ion Ratio Lower Upper  
107 100  
109 95.3 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 49.715 ug/l  
RT: 12.414 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 95 Resp: 75800  
Ion Ratio Lower Upper  
95 100  
174 85.7 0.0 160.0  
176 82.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

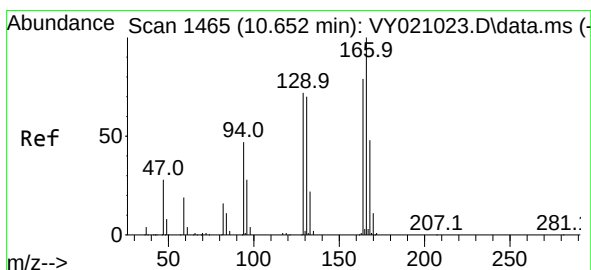
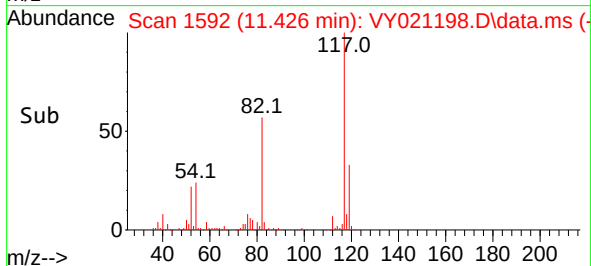
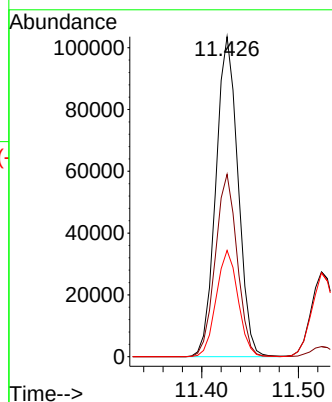
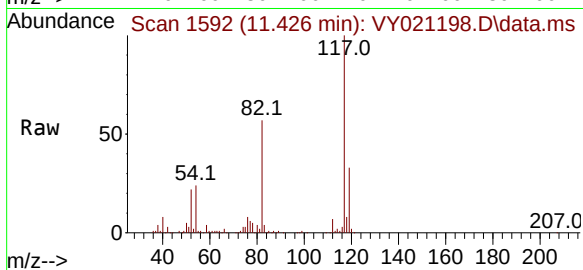
Tgt Ion:117 Resp: 164488

Ion Ratio Lower Upper

117 100

82 57.0 43.8 65.8

119 33.2 26.5 39.7



#64

Tetrachloroethene

Concen: 53.885 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Tgt Ion:164 Resp: 65797

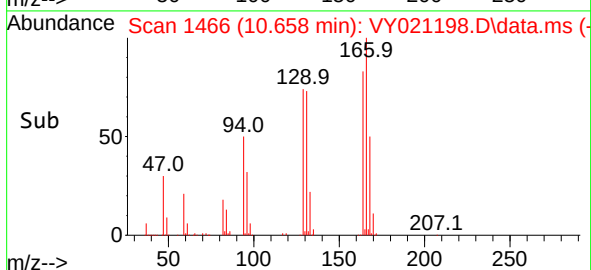
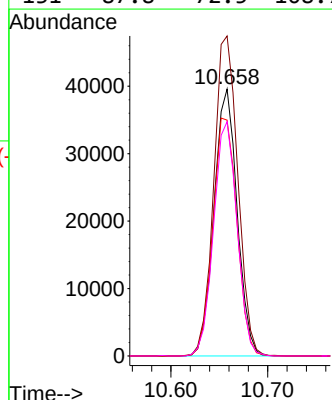
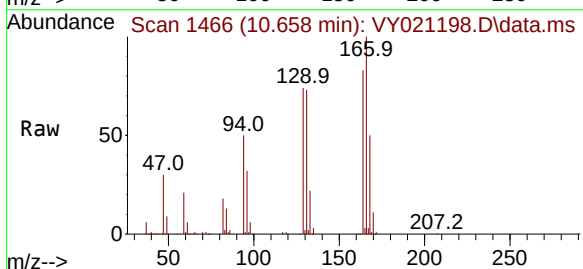
Ion Ratio Lower Upper

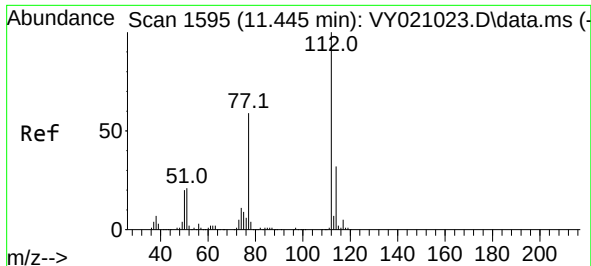
164 100

166 119.9 98.8 148.2

129 88.4 78.9 118.3

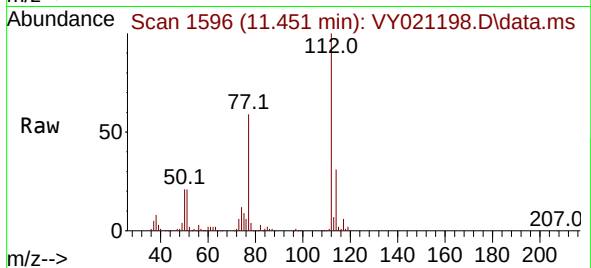
131 87.8 72.5 108.7



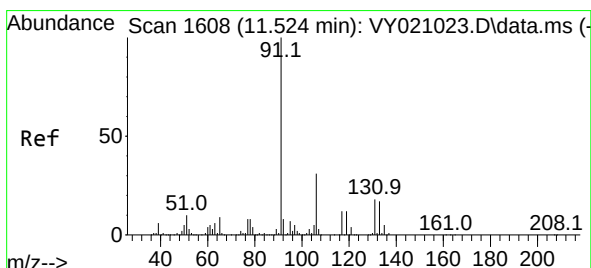
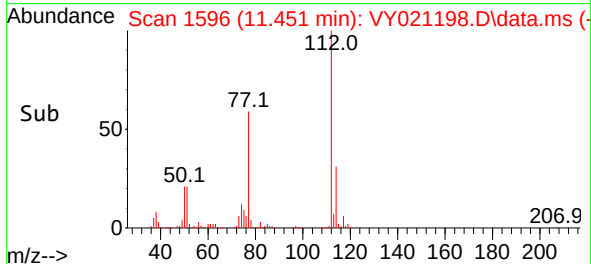
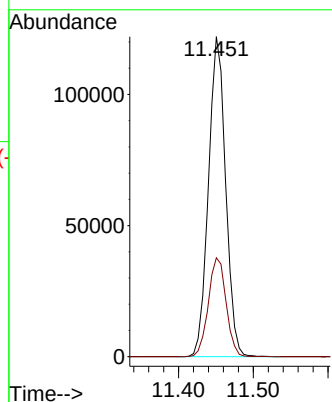


#65  
Chlorobenzene  
Concen: 53.030 ug/l  
RT: 11.451 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Instrument :  
MSVOA\_Y  
ClientSampleId :

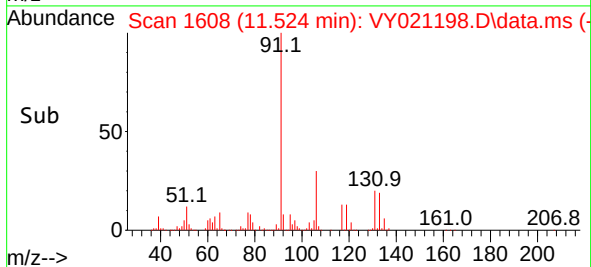
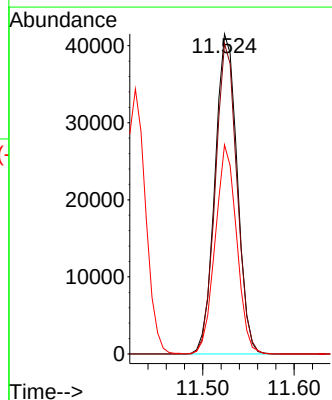
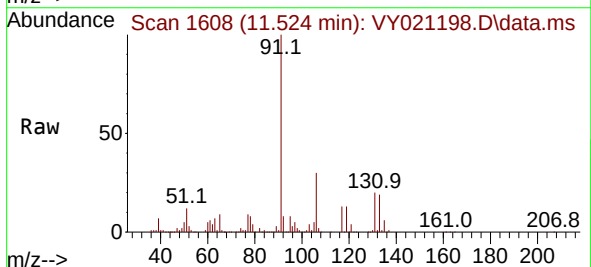


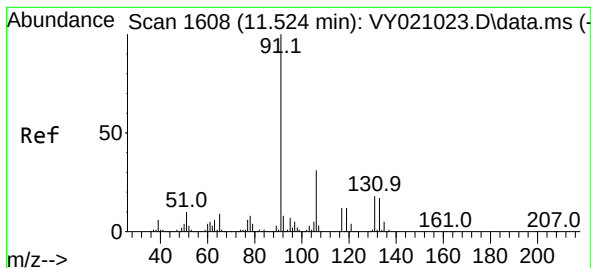
Tgt Ion:112 Resp: 194228  
Ion Ratio Lower Upper  
112 100  
114 30.9 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.764 ug/l  
RT: 11.524 min Scan# 1608  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion:131 Resp: 69979  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.0 141.0  
119 63.2 33.3 99.9





#67

Ethyl Benzene

Concen: 55.244 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

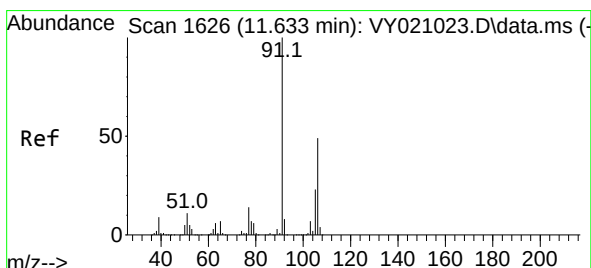
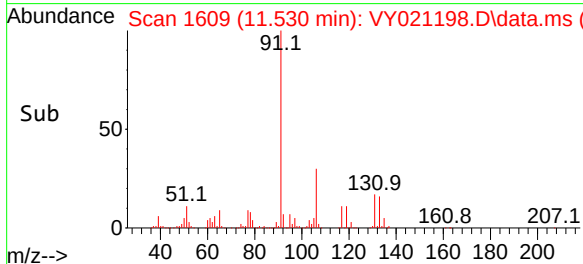
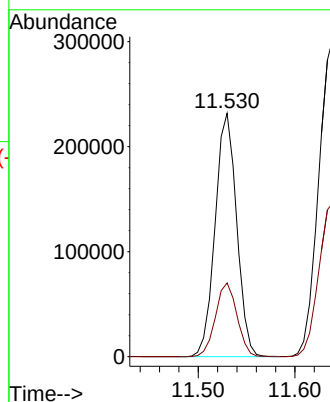
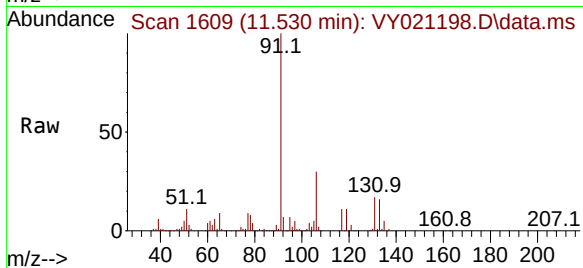
ClientSampleId :

Tgt Ion: 91 Resp: 357878

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 110.249 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021198.D

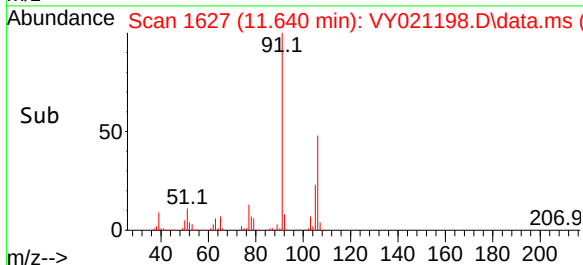
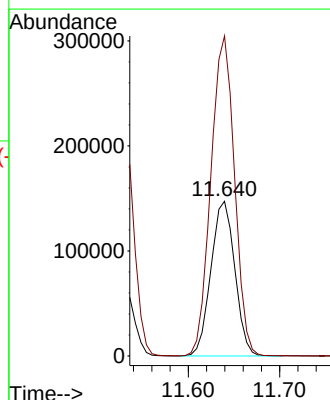
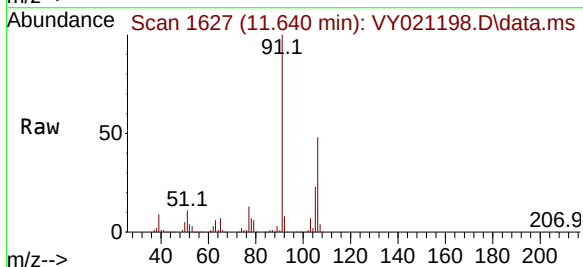
Acq: 14 Feb 2025 09:06

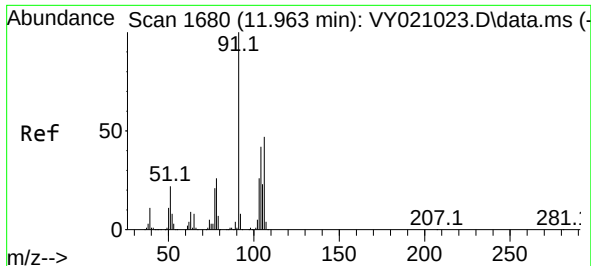
Tgt Ion:106 Resp: 267186

Ion Ratio Lower Upper

106 100

91 204.8 160.7 241.1

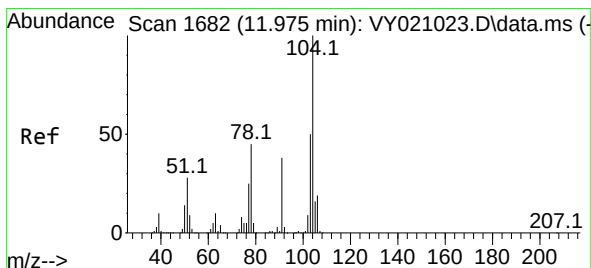
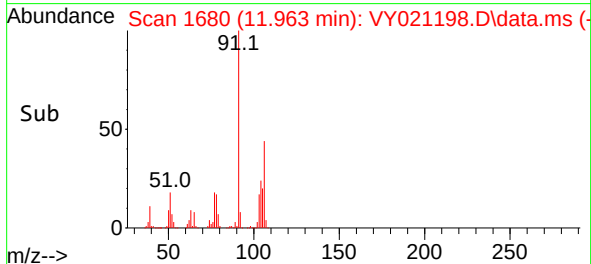
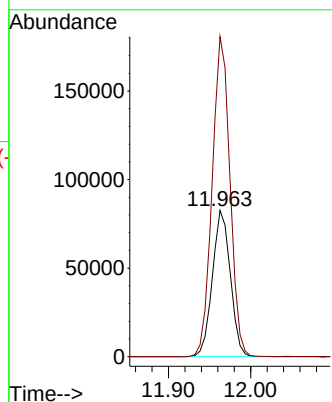
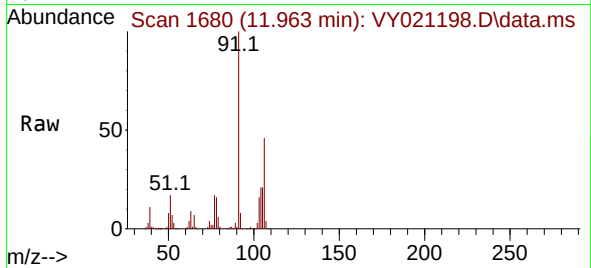




#69  
o-Xylene  
Concen: 55.369 ug/l  
RT: 11.963 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

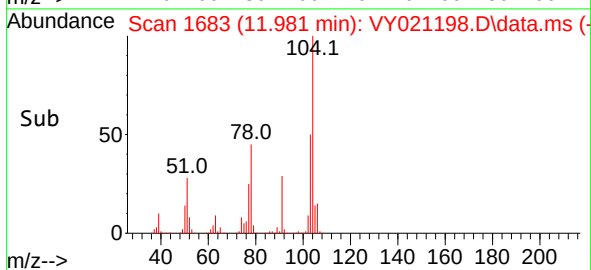
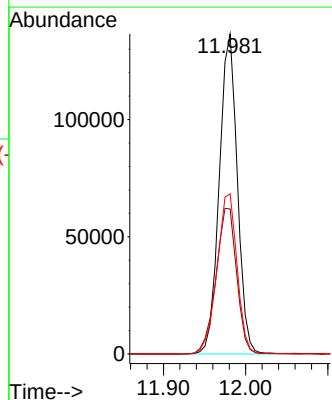
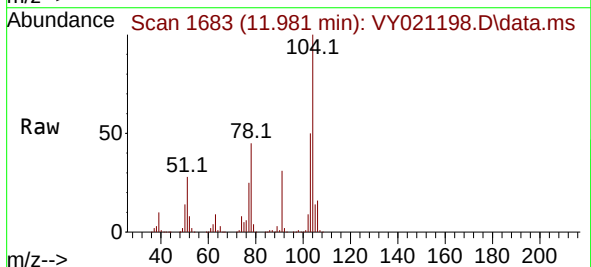
Instrument :  
MSVOA\_Y  
ClientSampleId :

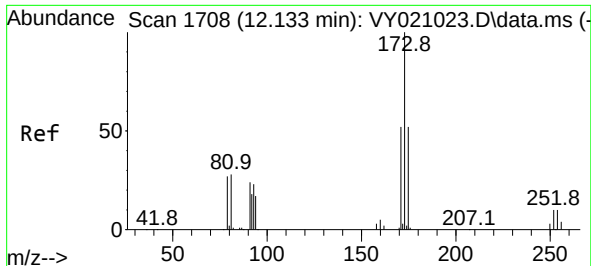
Tgt Ion:106 Resp: 125105  
Ion Ratio Lower Upper  
106 100  
91 217.1 106.5 319.5



#70  
Styrene  
Concen: 55.341 ug/l  
RT: 11.981 min Scan# 1683  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion:104 Resp: 208407  
Ion Ratio Lower Upper  
104 100  
78 52.3 39.2 58.8  
103 55.6 43.8 65.6

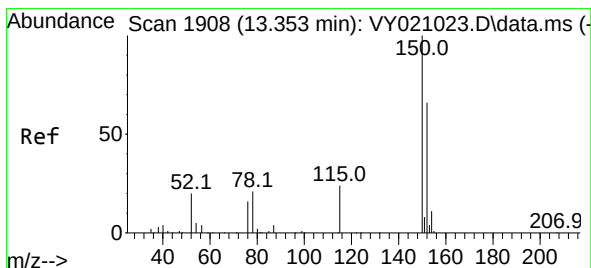
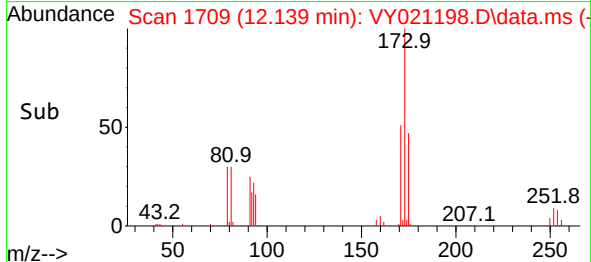
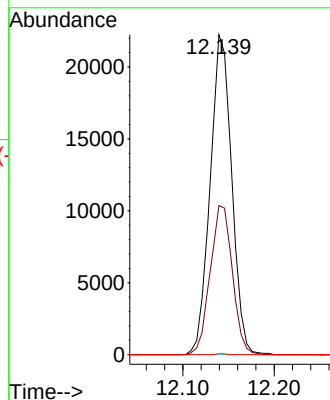
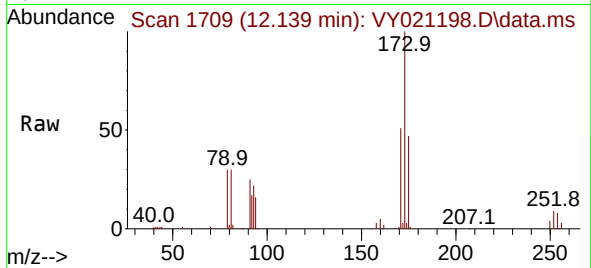




#71  
Bromoform  
Concen: 50.288 ug/l  
RT: 12.139 min Scan# 1708  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

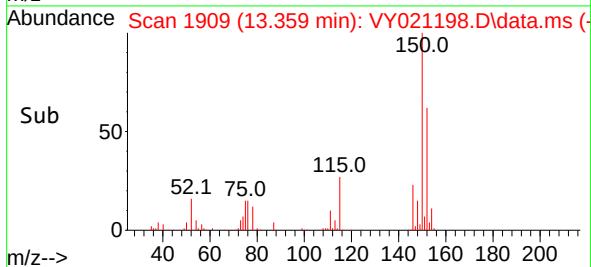
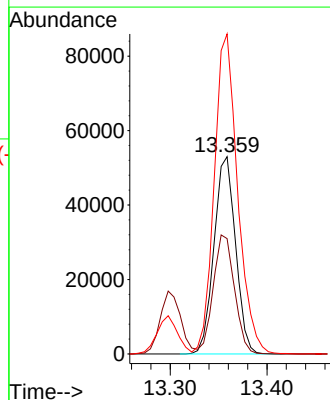
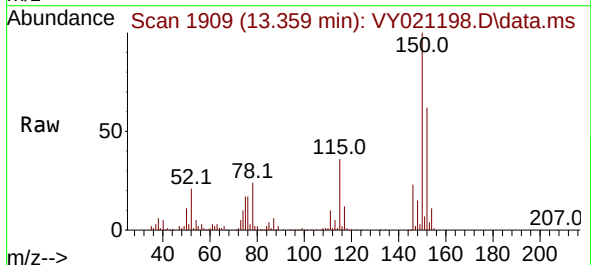
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:173 Resp: 36433  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.5 70.6  
254 0.1 0.0 0.0#

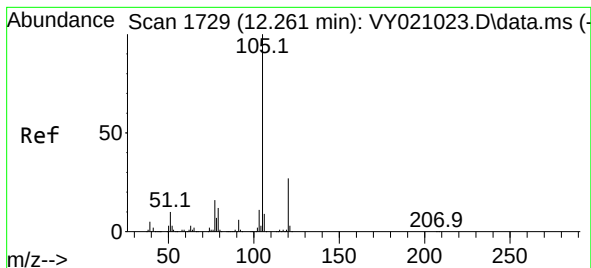


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.359 min Scan# 1909  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion:152 Resp: 81952  
Ion Ratio Lower Upper  
152 100  
115 59.5 30.0 90.0  
150 176.1 0.0 344.6







#73

Isopropylbenzene

Concen: 53.460 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

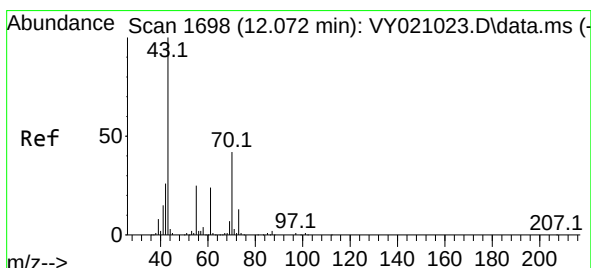
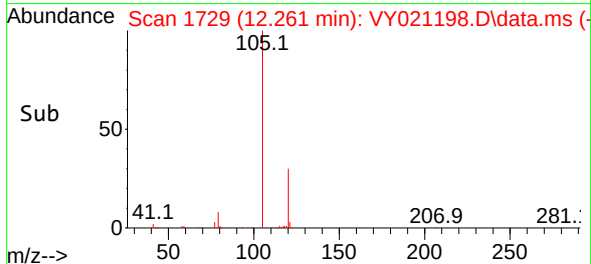
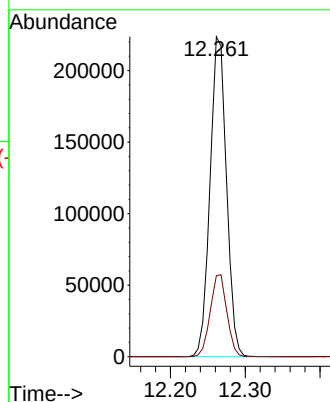
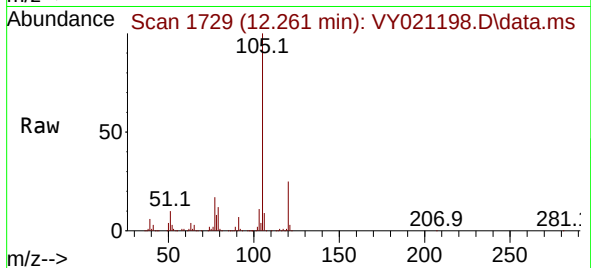
ClientSampleId :

Tgt Ion:105 Resp: 342233

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



#74

N-ethyl acetate

Concen: 48.916 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Tgt Ion: 43 Resp: 68462

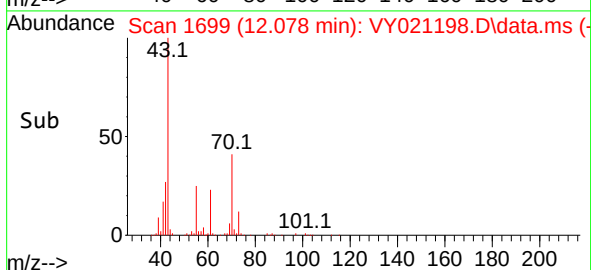
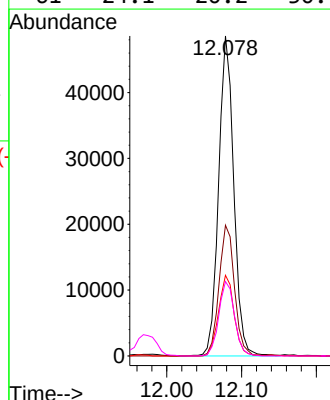
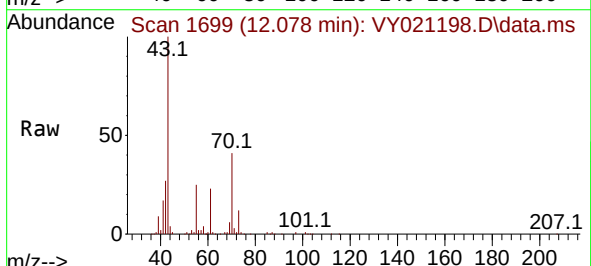
Ion Ratio Lower Upper

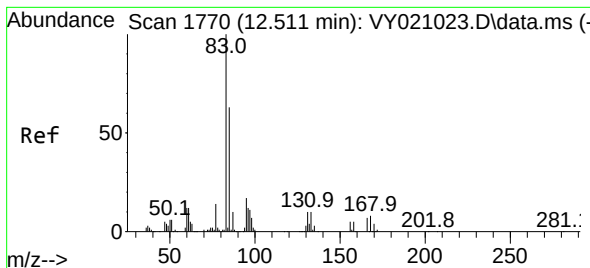
43 100

70 41.8 36.6 55.0

55 25.9 22.2 33.4

61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.324 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

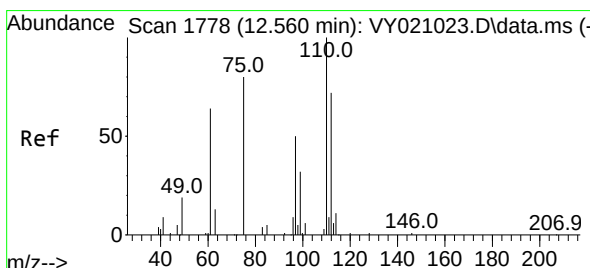
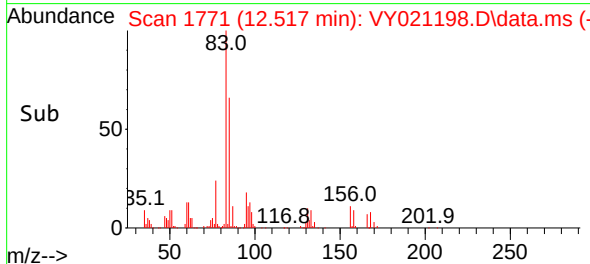
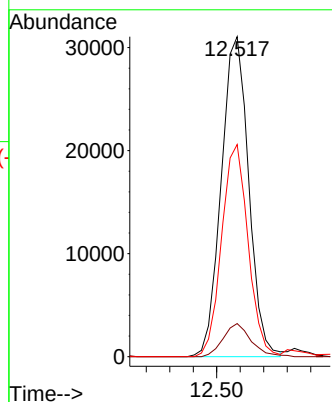
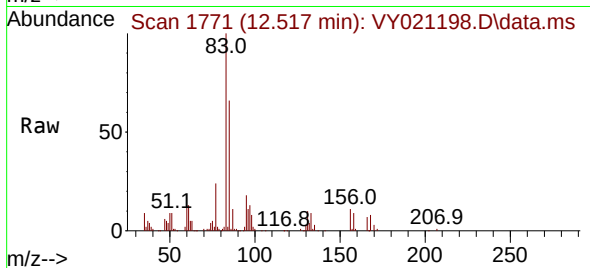
Tgt Ion: 83 Resp: 50384

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.6

85 64.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 92.653 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY021198.D

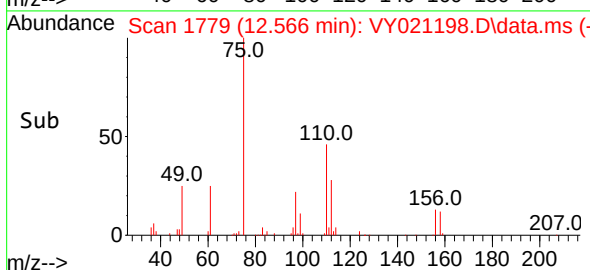
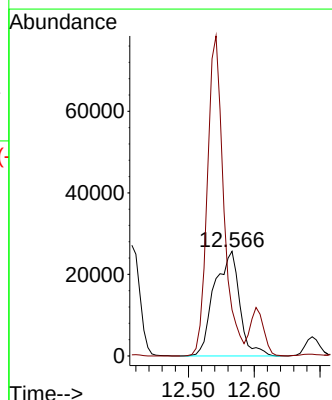
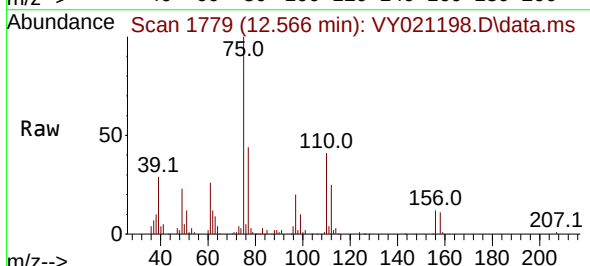
Acq: 14 Feb 2025 09:06

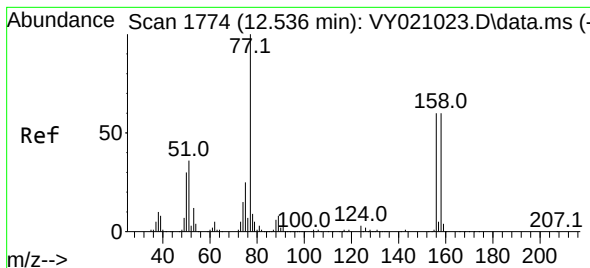
Tgt Ion: 75 Resp: 68879

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.412 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021198.D

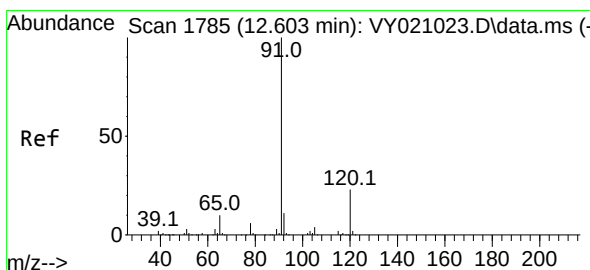
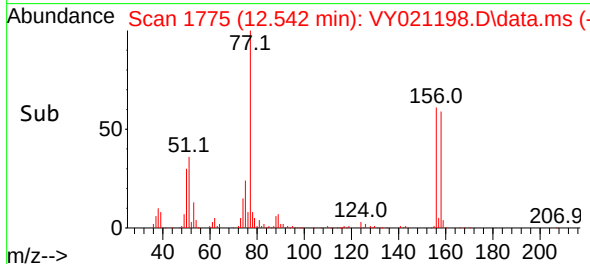
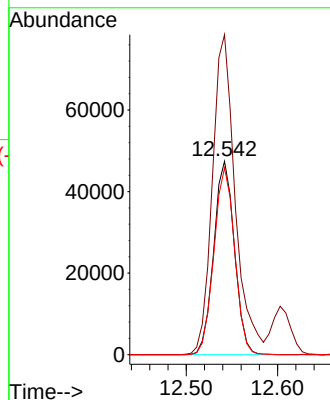
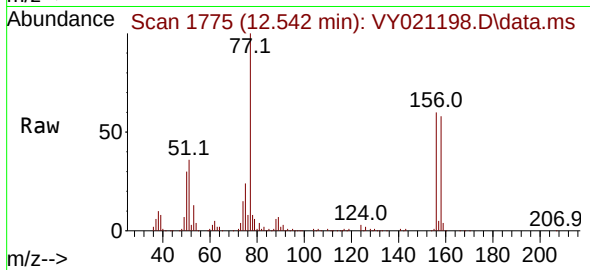
Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion:156 Resp: 74472  
 Ion Ratio Lower Upper  
 156 100  
 77 182.6 97.3 291.8  
 158 97.0 48.4 145.0



#78

n-propylbenzene

Concen: 54.388 ug/l

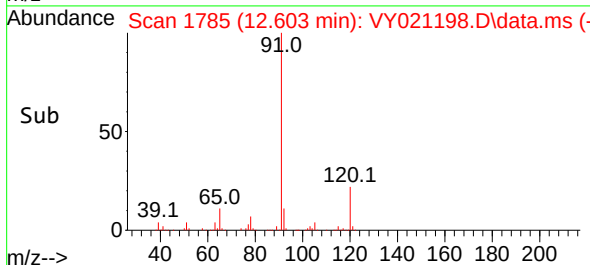
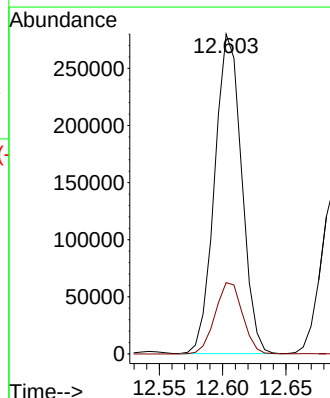
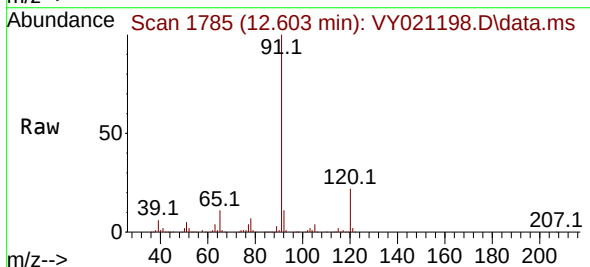
RT: 12.603 min Scan# 1785

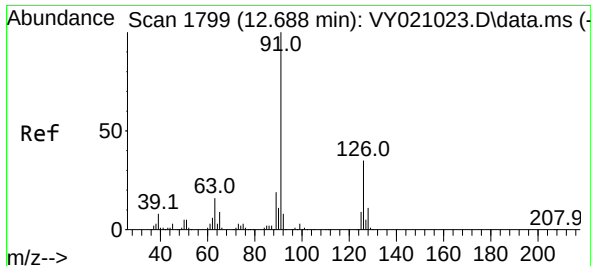
Delta R.T. -0.000 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Tgt Ion: 91 Resp: 414749  
 Ion Ratio Lower Upper  
 91 100  
 120 22.7 11.0 33.0

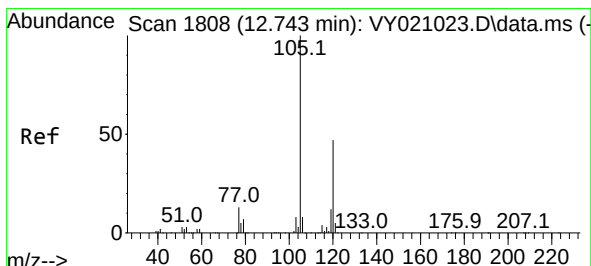
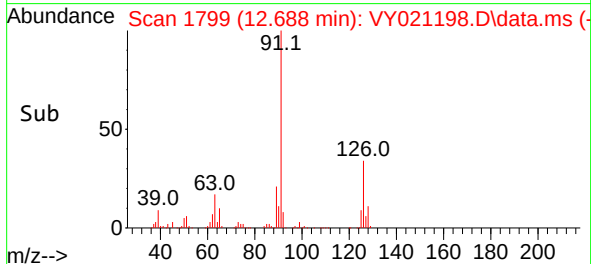
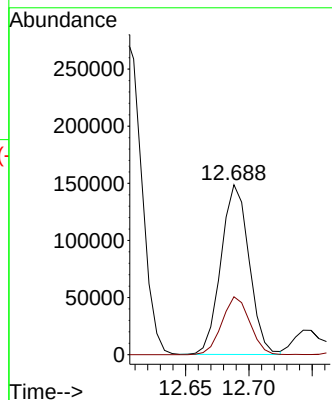
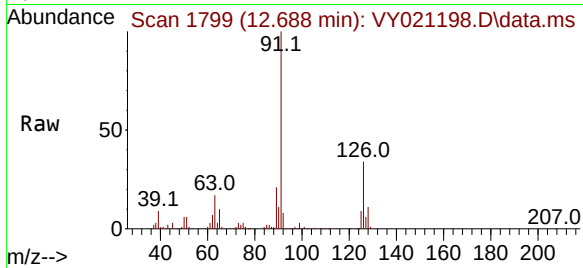




#79  
2-Chlorotoluene  
Concen: 52.671 ug/l  
RT: 12.688 min Scan# 1799  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

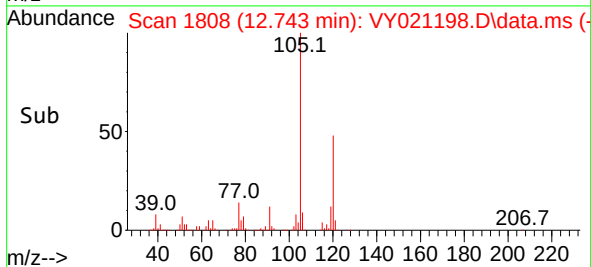
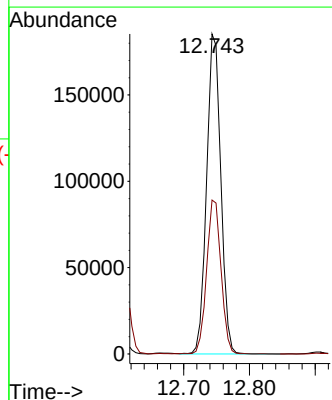
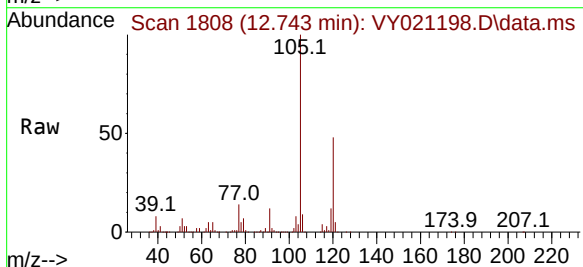
Instrument :  
MSVOA\_Y  
ClientSampleId :

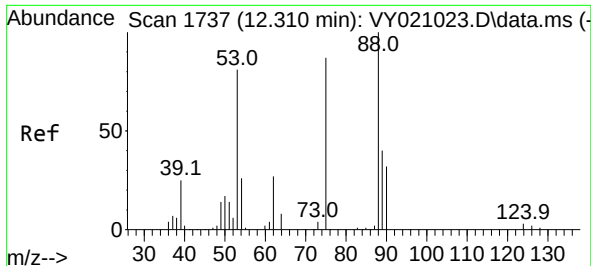
Tgt Ion: 91 Resp: 230046  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 53.634 ug/l  
RT: 12.743 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 105 Resp: 278371  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.3 72.8

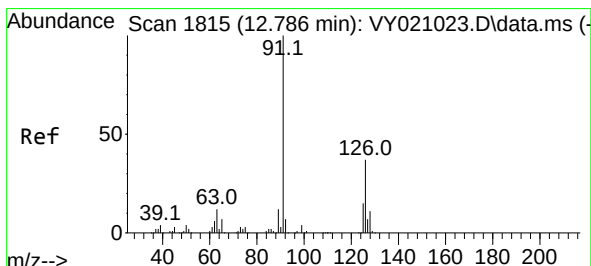
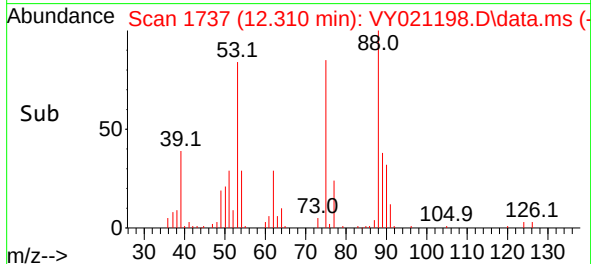
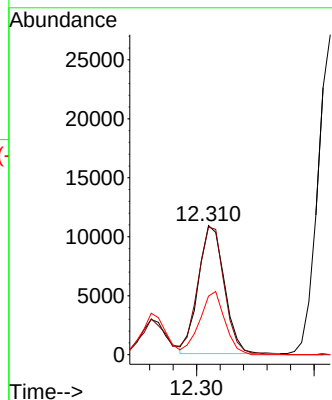
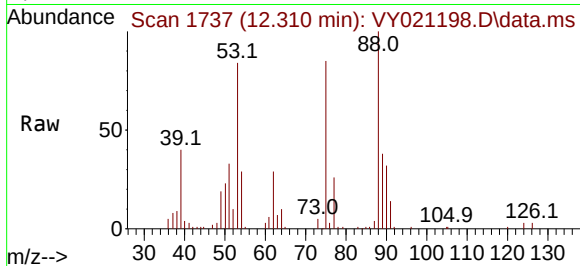




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.027 ug/l  
RT: 12.310 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

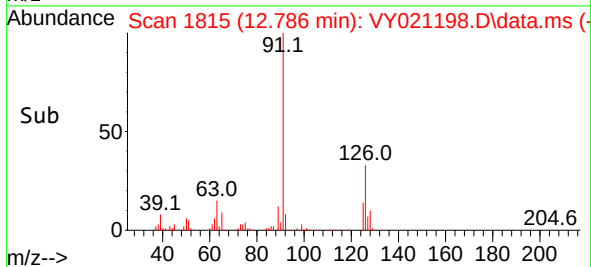
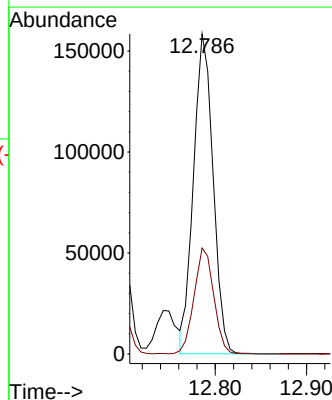
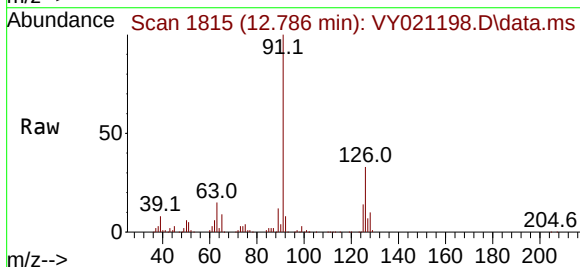
Instrument :  
MSVOA\_Y  
ClientSampleId :

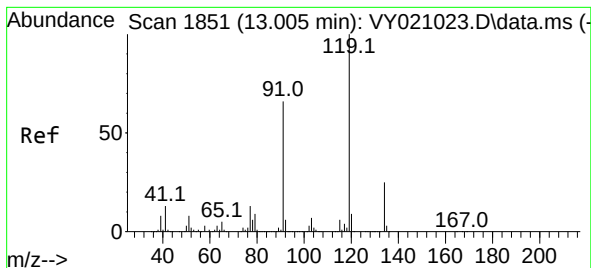
Tgt Ion: 75 Resp: 16769  
Ion Ratio Lower Upper  
75 100  
53 103.0 74.0 111.0  
89 47.7 36.5 54.7



#82  
4-Chlorotoluene  
Concen: 52.943 ug/l  
RT: 12.786 min Scan# 1815  
Delta R.T. -0.000 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 91 Resp: 235595  
Ion Ratio Lower Upper  
91 100  
126 33.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 53.171 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

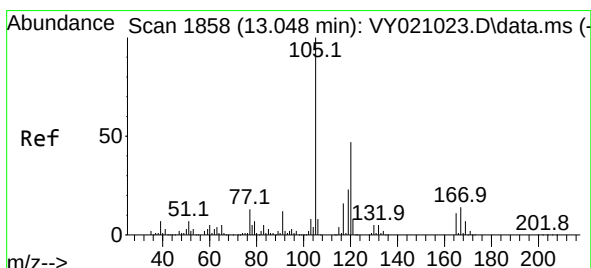
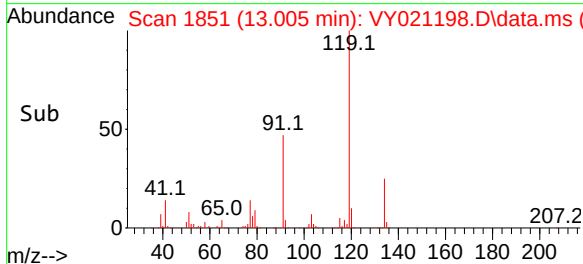
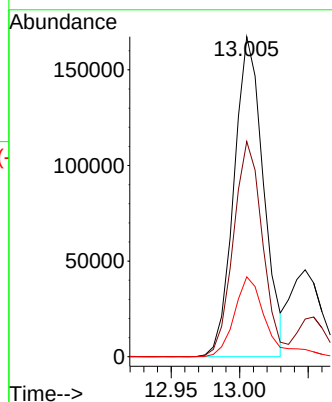
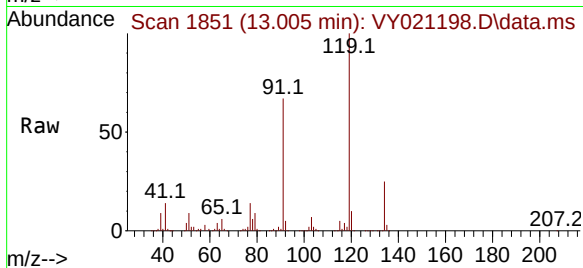
Tgt Ion:119 Resp: 250844

Ion Ratio Lower Upper

119 100

91 66.9 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.453 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021198.D

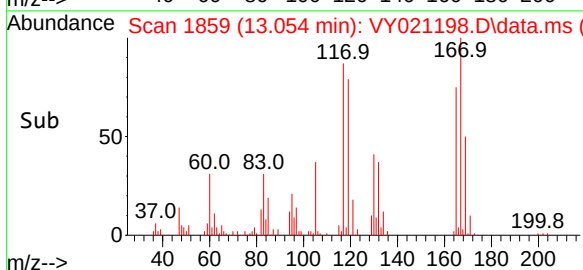
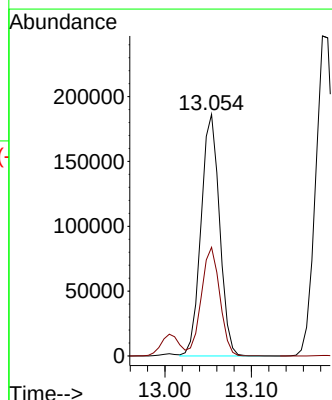
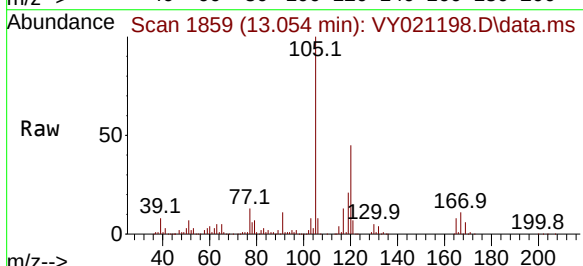
Acq: 14 Feb 2025 09:06

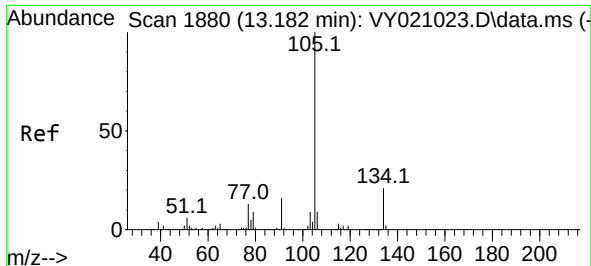
Tgt Ion:105 Resp: 276342

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

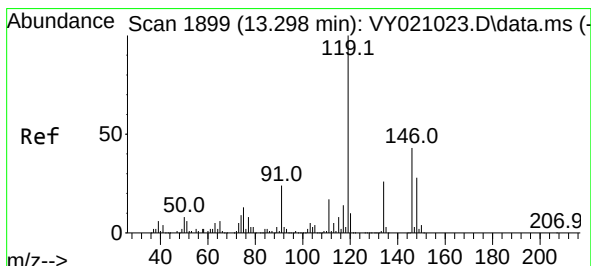
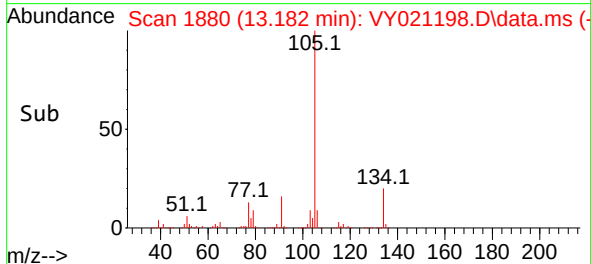
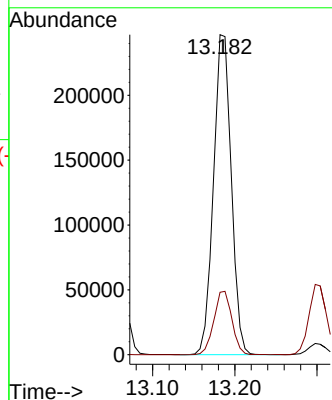
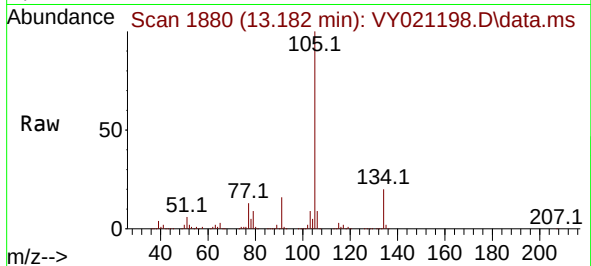




#85  
 sec-Butylbenzene  
 Concen: 54.598 ug/l  
 RT: 13.182 min Scan# 1880  
 Delta R.T. -0.000 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

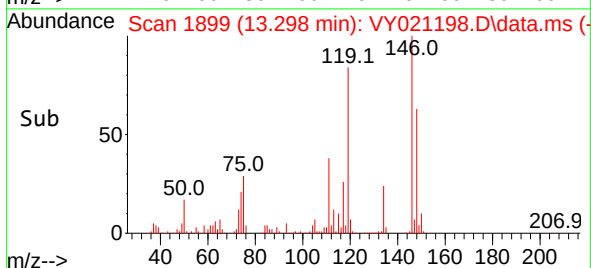
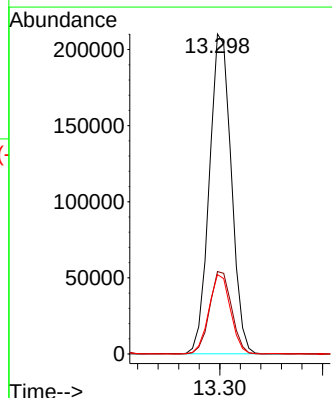
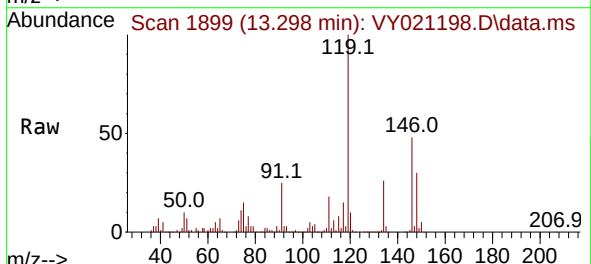
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

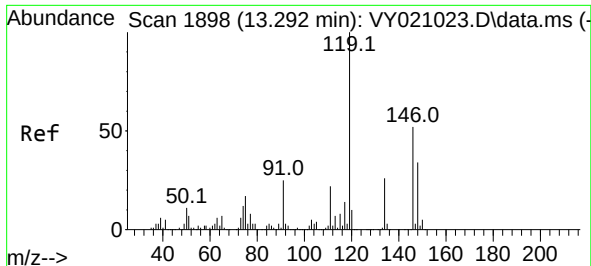
Tgt Ion:105 Resp: 370770  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 55.131 ug/l  
 RT: 13.298 min Scan# 1899  
 Delta R.T. -0.000 min  
 Lab File: VY021198.D  
 Acq: 14 Feb 2025 09:06

Tgt Ion:119 Resp: 310999  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.1 39.1  
 91 24.5 11.7 35.0

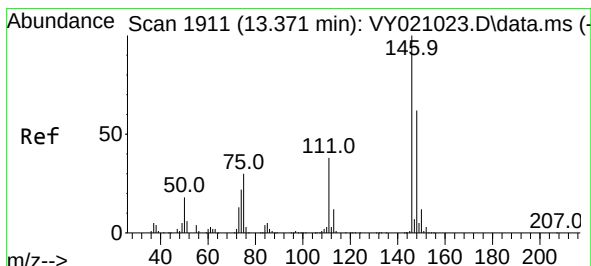
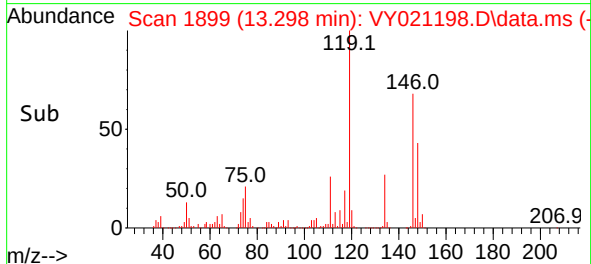
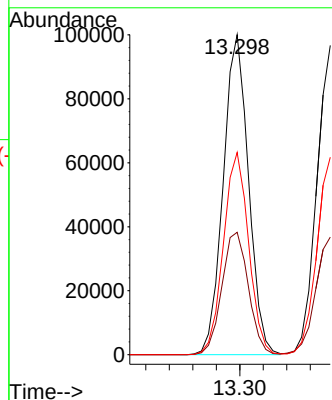
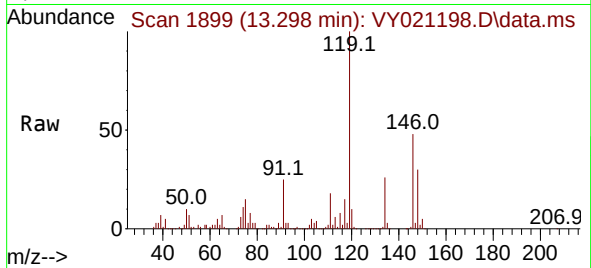




#87  
1,3-Dichlorobenzene  
Concen: 52.401 ug/l  
RT: 13.298 min Scan# 1898  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

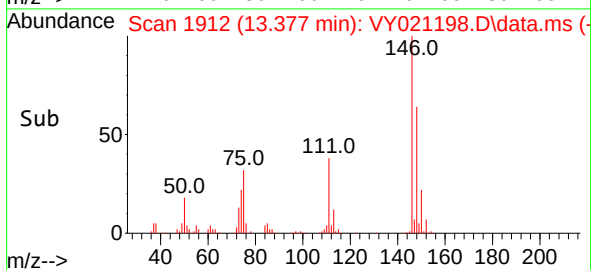
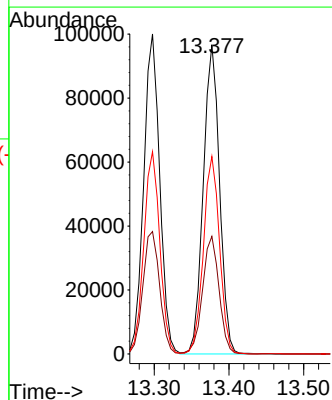
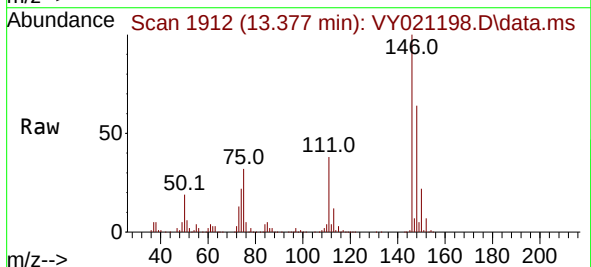
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:146 Resp: 149469  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.2 60.5  
148 63.1 31.9 95.9

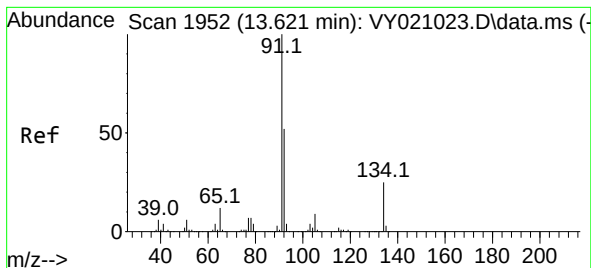


#88  
1,4-Dichlorobenzene  
Concen: 52.039 ug/l  
RT: 13.377 min Scan# 1912  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion:146 Resp: 146153  
Ion Ratio Lower Upper  
146 100  
111 38.8 19.3 57.9  
148 63.6 31.6 94.7







#89

n-Butylbenzene

Concen: 56.071 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

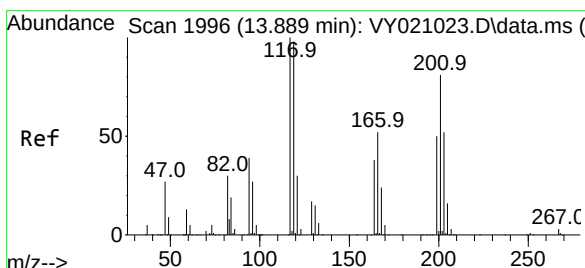
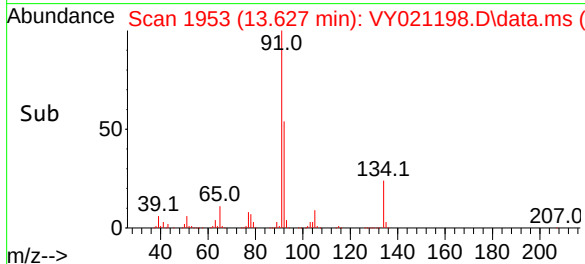
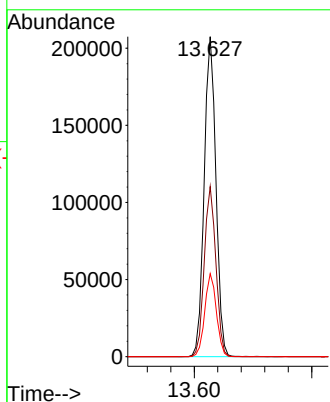
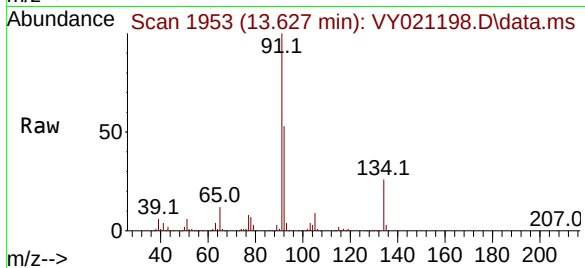
Tgt Ion: 91 Resp: 288554

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.7 12.3 36.8



#90

Hexachloroethane

Concen: 53.829 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021198.D

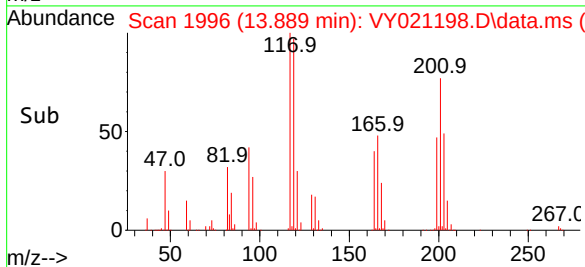
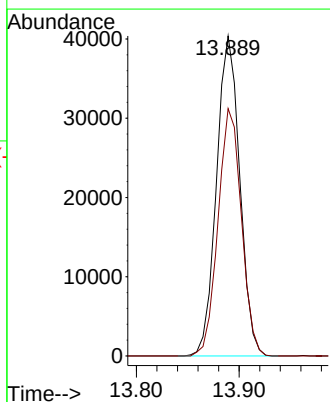
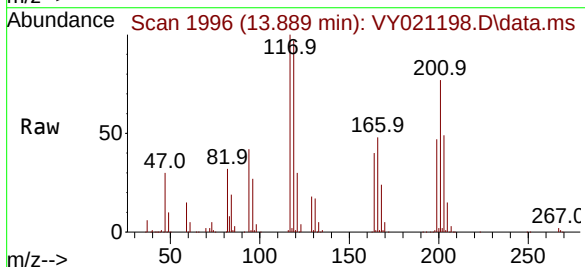
Acq: 14 Feb 2025 09:06

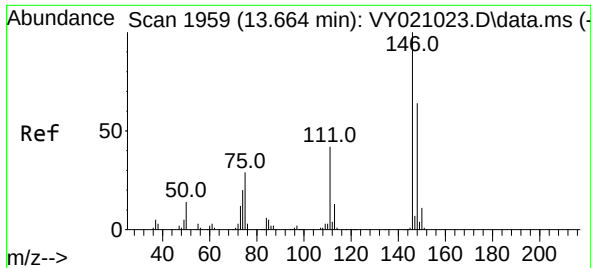
Tgt Ion: 117 Resp: 63347

Ion Ratio Lower Upper

117 100

201 77.7 33.4 100.1

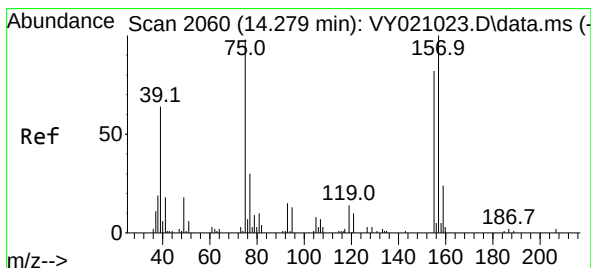
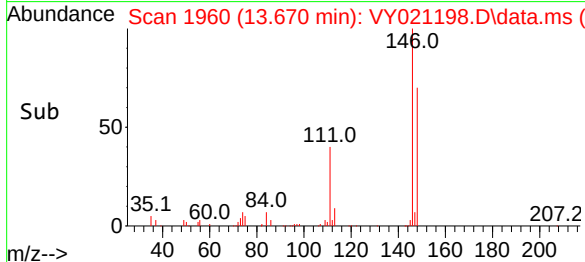
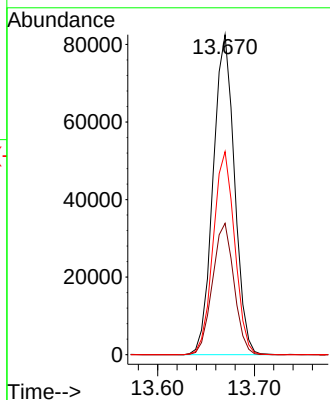
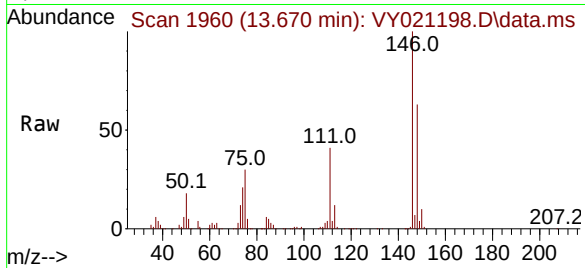




#91  
1,2-Dichlorobenzene  
Concen: 51.107 ug/l  
RT: 13.670 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

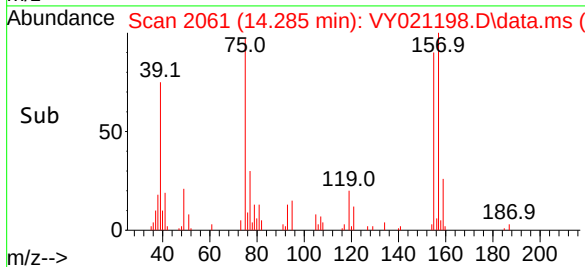
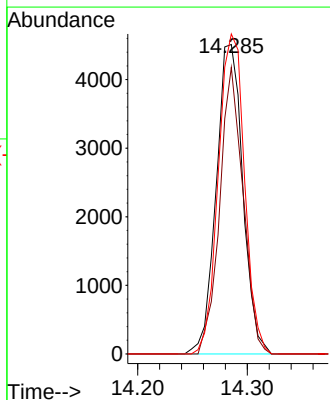
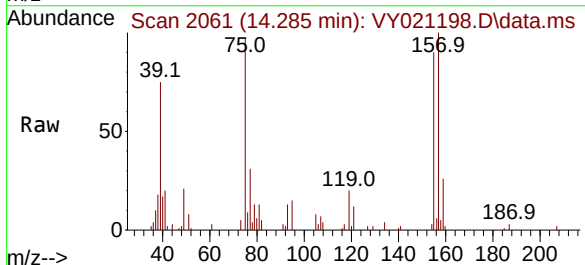
Instrument :  
MSVOA\_Y  
ClientSampleId :

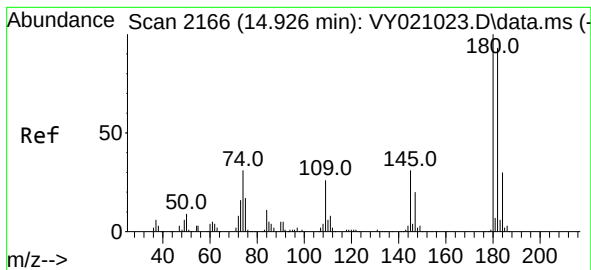
Tgt Ion:146 Resp: 126527  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.5 61.6  
148 63.8 31.4 94.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.807 ug/l  
RT: 14.285 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: VY021198.D  
Acq: 14 Feb 2025 09:06

Tgt Ion: 75 Resp: 7606  
Ion Ratio Lower Upper  
75 100  
155 81.3 42.1 126.3  
157 101.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 53.087 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

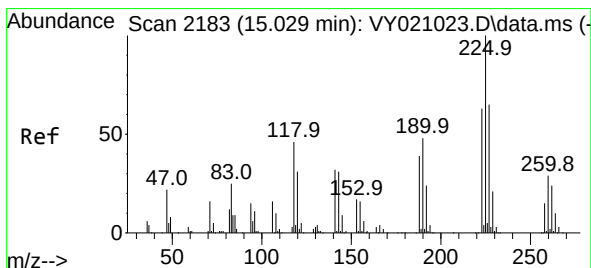
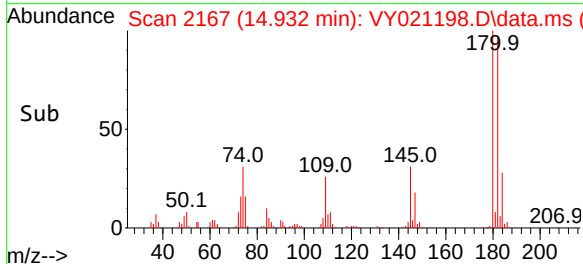
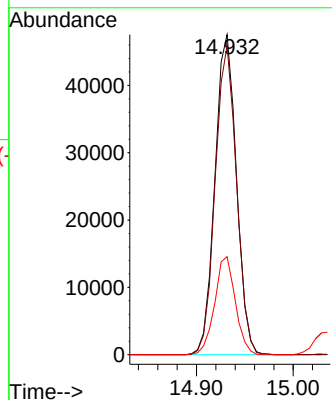
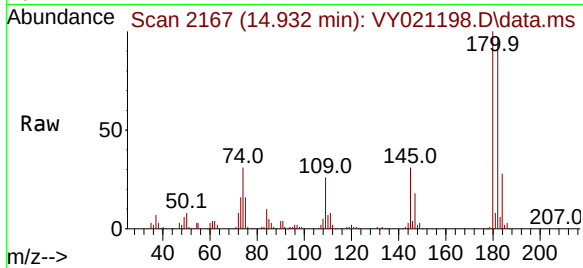
Tgt Ion:180 Resp: 73157

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 29.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 55.246 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

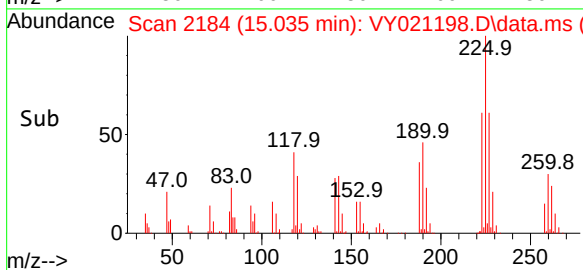
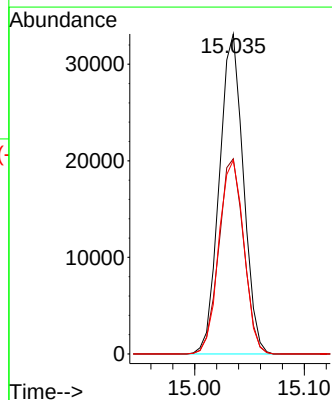
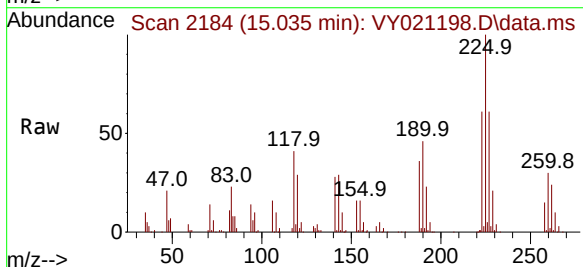
Tgt Ion:225 Resp: 50451

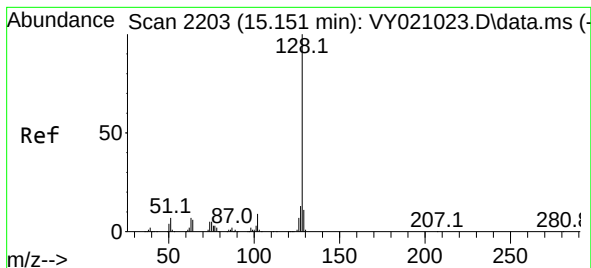
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.3

227 62.8 32.3 96.8





#95

Naphthalene

Concen: 50.046 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Instrument :

MSVOA\_Y

ClientSampleId :

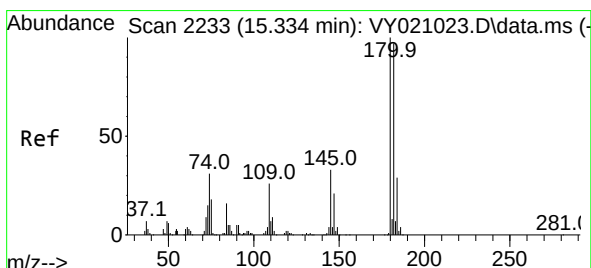
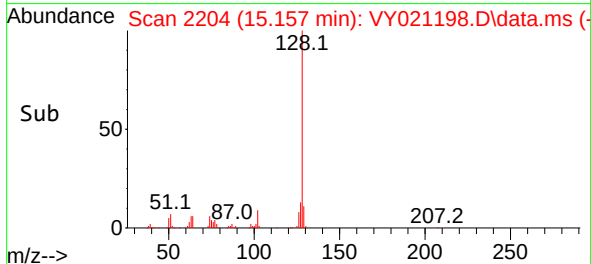
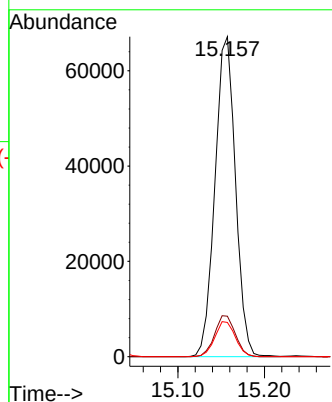
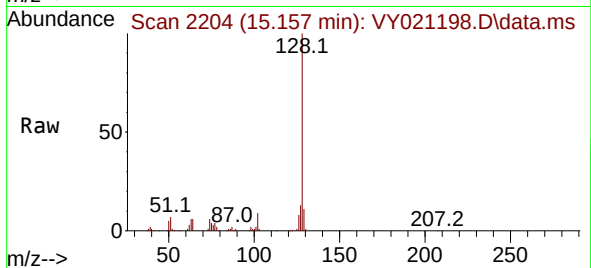
Tgt Ion:128 Resp: 110337

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.507 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021198.D

Acq: 14 Feb 2025 09:06

Tgt Ion:180 Resp: 59070

Ion Ratio Lower Upper

180 100

182 94.9 46.3 138.8

145 32.5 16.1 48.2

