

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102924\  
 Data File : VY020073.D  
 Acq On : 29 Oct 2024 19:51  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.64g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 30 01:31:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 16 05:44:48 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 173498   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 312165   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 272456   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 140296   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 112709   | 52.760   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.520% |      |
| 35) Dibromofluoromethane    | 7.640  | 113   | 108440   | 52.642   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 105.280% |      |
| 50) Toluene-d8              | 10.109 | 98    | 377157   | 49.580   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 99.160%  |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 138885   | 50.528   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 101.060% |      |

|                              |       |     |         |         |        |      |
|------------------------------|-------|-----|---------|---------|--------|------|
| Target Compounds             |       |     |         |         | Qvalue |      |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 60579   | 37.507  | ug/l   | 99   |
| 3) Chloromethane             | 2.068 | 50  | 103277  | 49.130  | ug/l   | 98   |
| 4) Vinyl Chloride            | 2.208 | 62  | 111572  | 48.232  | ug/l   | 98   |
| 5) Bromomethane              | 2.598 | 94  | 76109   | 51.980  | ug/l   | 99   |
| 6) Chloroethane              | 2.739 | 64  | 84085   | 54.108  | ug/l   | 99   |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 159971  | 46.475  | ug/l   | 95   |
| 8) Diethyl Ether             | 3.458 | 74  | 52360   | 50.051  | ug/l   | 77   |
| 9) 1,1,2-Trichlorotrifluo... | 3.824 | 101 | 97390   | 48.643  | ug/l   | 90   |
| 10) Methyl Iodide            | 4.013 | 142 | 91721   | 45.296  | ug/l   | 90   |
| 11) Tert butyl alcohol       | 4.878 | 59  | 38087   | 217.802 | ug/l   | # 78 |
| 12) 1,1-Dichloroethene       | 3.799 | 96  | 85004   | 45.669  | ug/l   | # 81 |
| 13) Acrolein                 | 3.659 | 56  | 10757   | 68.528  | ug/l   | 100  |
| 14) Allyl chloride           | 4.391 | 41  | 170518  | 50.775  | ug/l   | # 90 |
| 15) Acrylonitrile            | 5.067 | 53  | 135385  | 282.944 | ug/l   | 96   |
| 16) Acetone                  | 3.873 | 43  | 124645  | 224.139 | ug/l   | # 84 |
| 17) Carbon Disulfide         | 4.116 | 76  | 185921  | 37.267  | ug/l   | 98   |
| 18) Methyl Acetate           | 4.397 | 43  | 83691   | 69.862  | ug/l   | # 87 |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 283441  | 53.006  | ug/l   | 97   |
| 20) Methylene Chloride       | 4.622 | 84  | 110877  | 54.025  | ug/l   | # 76 |
| 21) trans-1,2-Dichloroethene | 5.122 | 96  | 98550   | 48.648  | ug/l   | 88   |
| 22) Diisopropyl ether        | 6.025 | 45  | 426126  | 58.253  | ug/l   | # 91 |
| 23) Vinyl Acetate            | 5.964 | 43  | 1090760 | 260.102 | ug/l   | # 90 |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 223902  | 55.063  | ug/l   | 96   |
| 25) 2-Butanone               | 6.896 | 43  | 191018  | 256.619 | ug/l   | # 84 |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 169401  | 46.779  | ug/l   | 96   |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 132796  | 53.045  | ug/l   | 83   |
| 28) Bromochloromethane       | 7.250 | 49  | 111844  | 62.491  | ug/l   | # 69 |
| 29) Tetrahydrofuran          | 7.268 | 42  | 119322  | 280.747 | ug/l   | # 82 |
| 30) Chloroform               | 7.427 | 83  | 235163  | 56.733  | ug/l   | 98   |
| 31) Cyclohexane              | 7.701 | 56  | 156630  | 43.880  | ug/l   | 86   |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 191693  | 52.770  | ug/l   | # 93 |
| 36) 1,1-Dichloropropene      | 7.841 | 75  | 147800  | 49.803  | ug/l   | 93   |
| 37) Ethyl Acetate            | 6.988 | 43  | 80733   | 52.170  | ug/l   | 94   |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 158634  | 49.862  | ug/l   | 99   |
| 39) Methylcyclohexane        | 9.109 | 83  | 165241  | 44.190  | ug/l   | # 86 |
| 40) Benzene                  | 8.085 | 78  | 472943  | 52.657  | ug/l   | 99   |

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 Sample : VSTDCCC050  
 Misc : 5.64g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 30 01:31:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 16 05:44:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.219  | 41   | 38953    | 46.509   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.164  | 62   | 137832   | 53.417   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 167569   | 53.096   | ug/l # | 77       |
| 44) Trichloroethene           | 8.866  | 130  | 106470   | 48.944   | ug/l   | 81       |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 124442   | 55.356   | ug/l   | 97       |
| 46) Dibromomethane            | 9.231  | 93   | 65534    | 53.357   | ug/l # | 88       |
| 47) Bromodichloromethane      | 9.426  | 83   | 184201   | 56.502   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.225  | 41   | 76886    | 55.384   | ug/l # | 79       |
| 49) 1,4-Dioxane               | 9.237  | 88   | 15193    | 1105.211 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 462060   | 287.042  | ug/l   | 87       |
| 52) Toluene                   | 10.170 | 92   | 299715   | 53.460   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 151215   | 51.551   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 182207   | 52.643   | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 89572    | 55.353   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 125799   | 54.178   | ug/l # | 74       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 158507   | 55.777   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 334832   | 309.760  | ug/l   | 93       |
| 59) 2-Hexanone                | 10.762 | 43   | 309988   | 269.620  | ug/l   | 85       |
| 60) Dibromochloromethane      | 10.914 | 129  | 113590   | 54.690   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 77175    | 52.777   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.646 | 164  | 95227    | 49.138   | ug/l   | 91       |
| 65) Chlorobenzene             | 11.444 | 112  | 325160   | 52.178   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 112469   | 53.343   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.517 | 91   | 590900   | 52.199   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.627 | 106  | 432279   | 103.397  | ug/l   | 90       |
| 69) o-Xylene                  | 11.956 | 106  | 211152   | 52.566   | ug/l   | 92       |
| 70) Styrene                   | 11.969 | 104  | 364980   | 53.855   | ug/l   | 96       |
| 71) Bromoform                 | 12.133 | 173  | 59973    | 53.135   | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.255 | 105  | 574147   | 48.654   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.072 | 43   | 148725   | 47.584   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 109862   | 52.394   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 136343   | 49.608   | ug/l # | 100      |
| 77) Bromobenzene              | 12.529 | 156  | 119590   | 47.756   | ug/l   | 84       |
| 78) n-propylbenzene           | 12.597 | 91   | 711716   | 49.913   | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 408657   | 49.991   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 457153   | 47.969   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 31337    | 46.023   | ug/l # | 80       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 413391   | 49.457   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 421757   | 49.400   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 471677   | 49.920   | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 636079   | 49.866   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 508796   | 49.121   | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 246187   | 48.682   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 243521   | 49.017   | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.615 | 91   | 509786   | 50.404   | ug/l   | 97       |
| 90) Hexachloroethane          | 13.877 | 117  | 101604   | 50.376   | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 217758   | 49.006   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 15896    | 47.501   | ug/l   | 73       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 112641   | 45.209   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 60969    | 44.014   | ug/l   | 97       |
| 95) Naphthalene               | 15.145 | 128  | 223904   | 47.646   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 95401    | 45.295   | ug/l   | 98       |

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Sample : VSTDCCC050  
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Oct 30 01:31:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 16 05:44:48 2024  
Response via : Initial Calibration

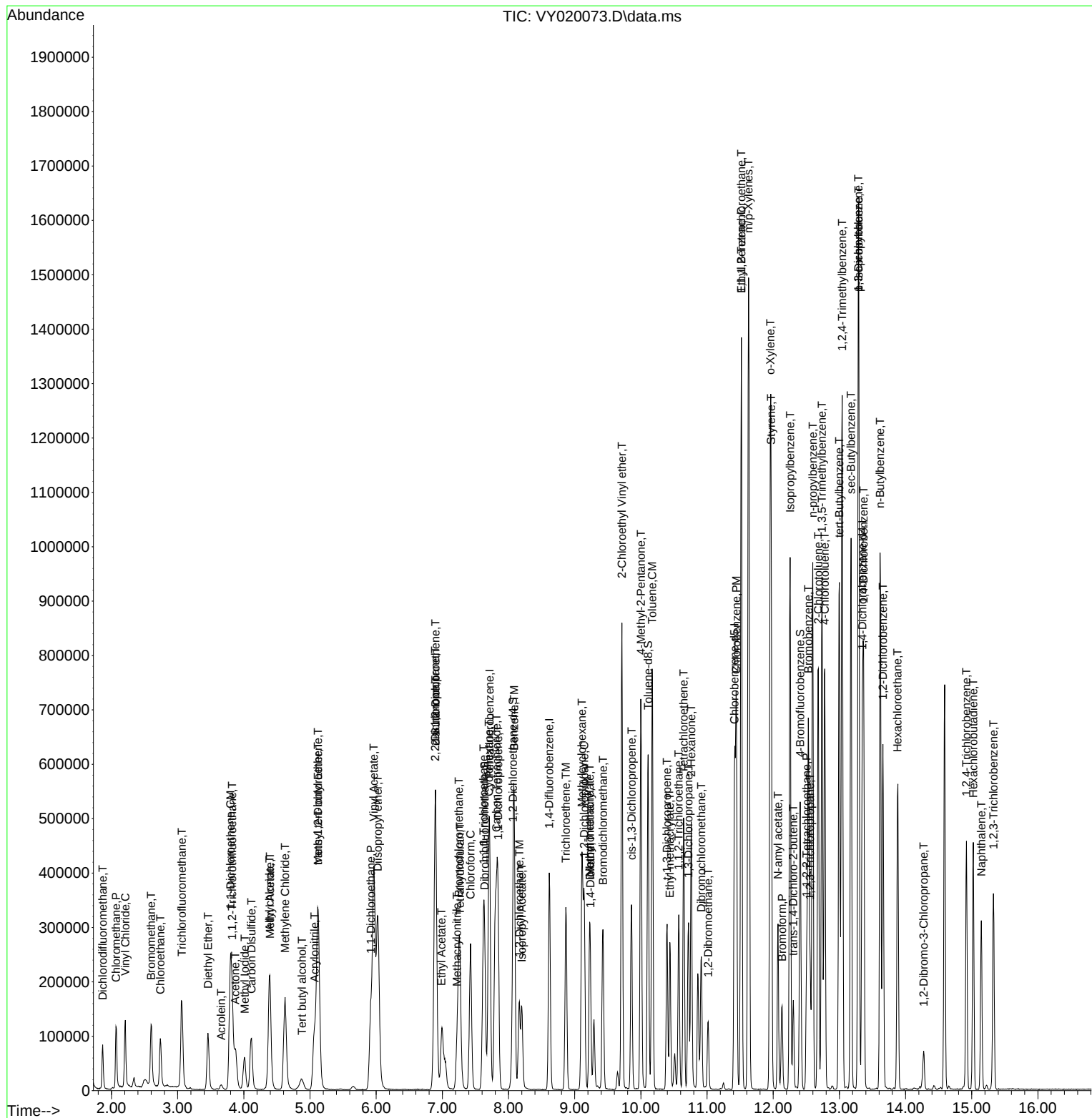
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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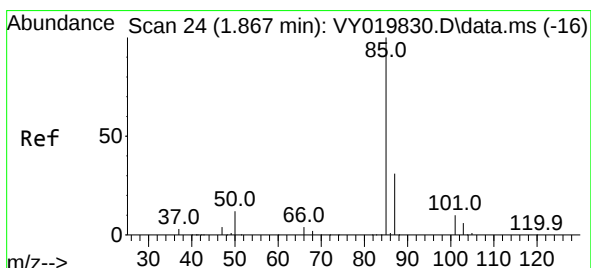
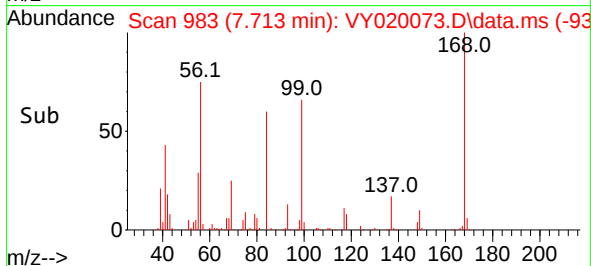
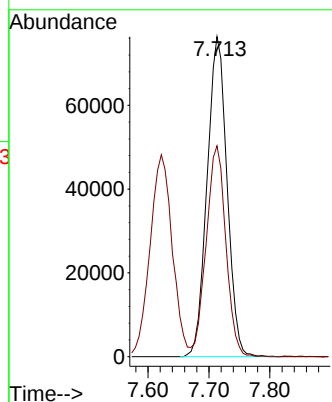
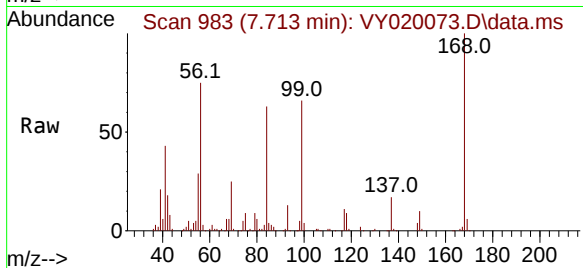




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

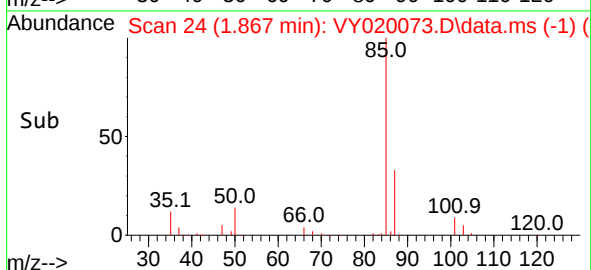
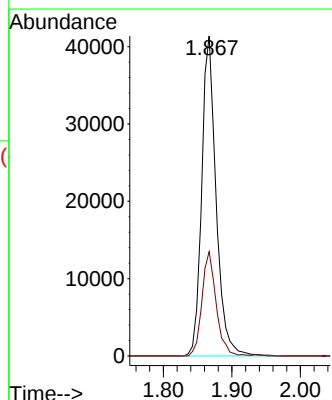
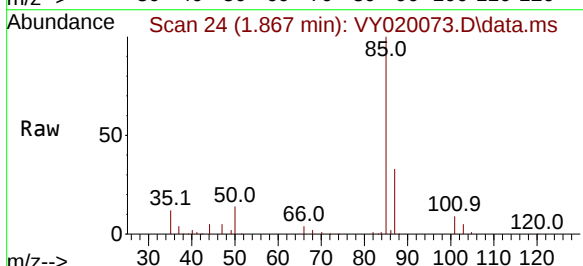
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:168 Resp: 173498  
Ion Ratio Lower Upper  
168 100  
99 65.9 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: 37.507 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.001 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 85 Resp: 60579  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.0 48.0

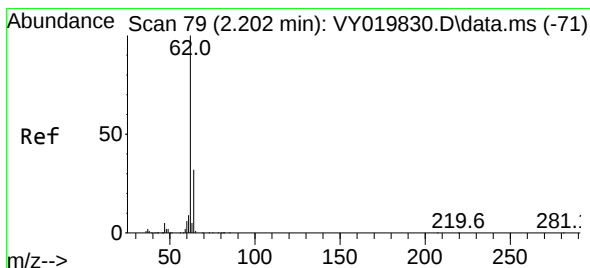
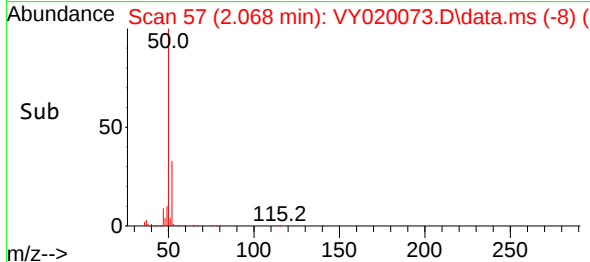
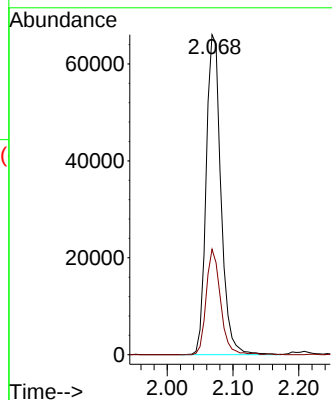
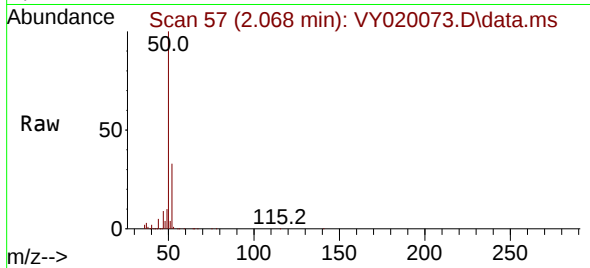




#3  
Chloromethane  
Concen: 49.130 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

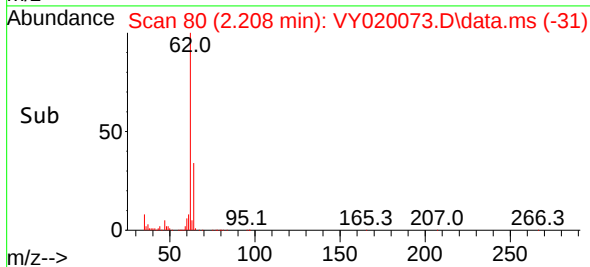
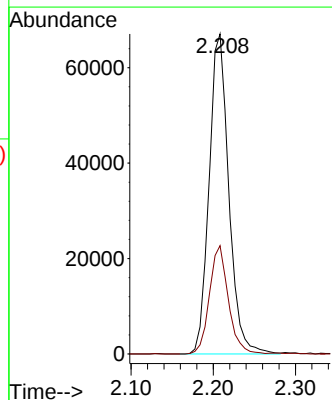
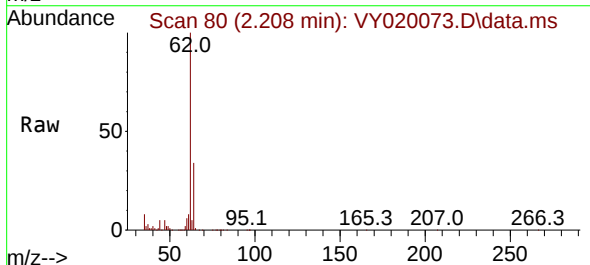
Instrument :  
MSVOA\_Y  
ClientSampleId :

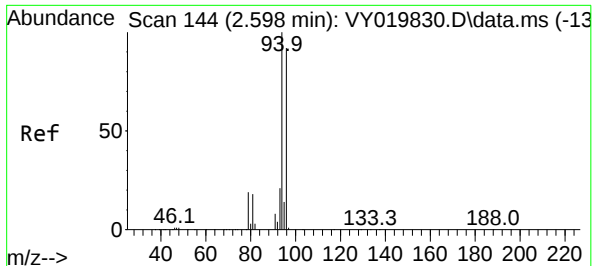
Tgt Ion: 50 Resp: 103277  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.6 38.4



#4  
Vinyl Chloride  
Concen: 48.232 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 62 Resp: 111572  
Ion Ratio Lower Upper  
62 100  
64 33.8 26.1 39.1

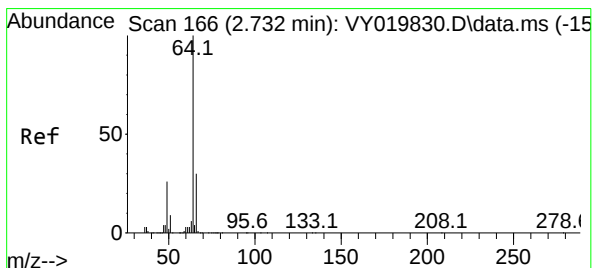
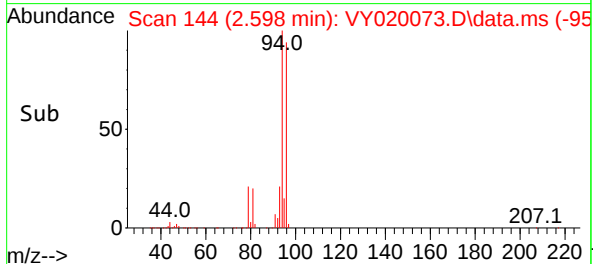
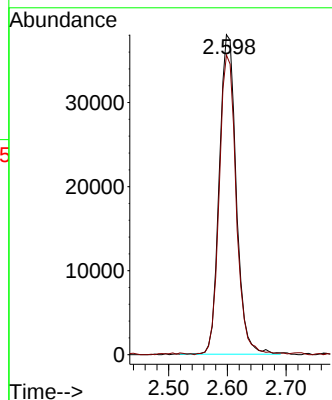
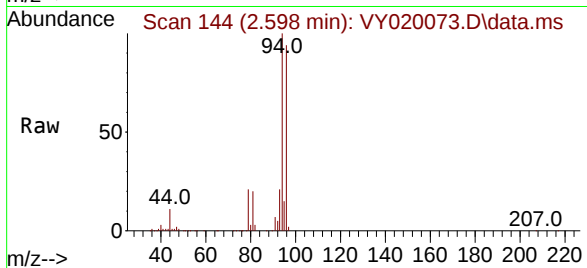




#5  
Bromomethane  
Concen: 51.980 ug/l  
RT: 2.598 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

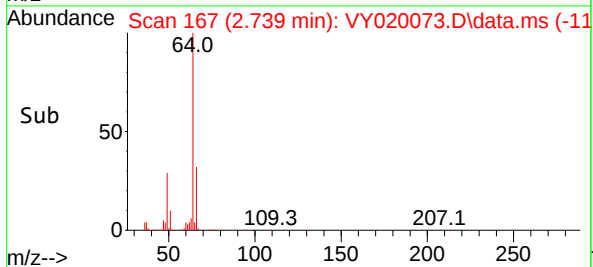
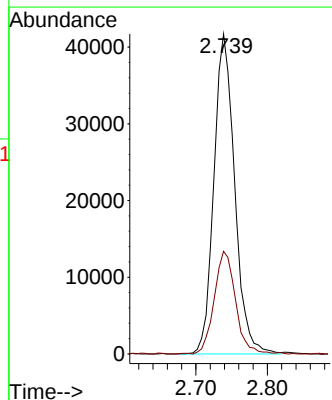
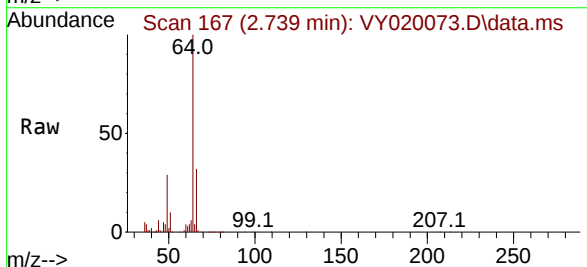
Instrument :  
MSVOA\_Y  
ClientSampleId :

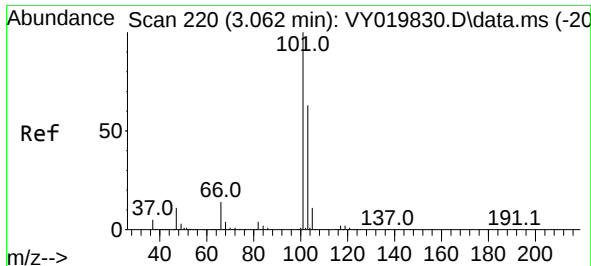
Tgt Ion: 94 Resp: 76109  
Ion Ratio Lower Upper  
94 100  
96 93.3 74.1 111.1



#6  
Chloroethane  
Concen: 54.108 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 64 Resp: 84085  
Ion Ratio Lower Upper  
64 100  
66 31.9 26.1 39.1

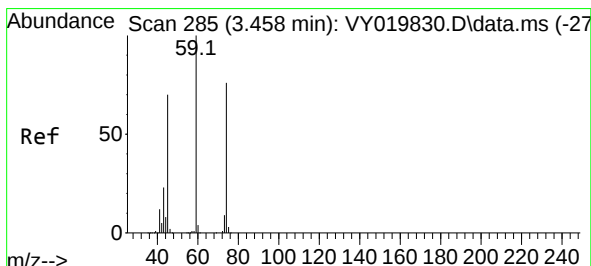
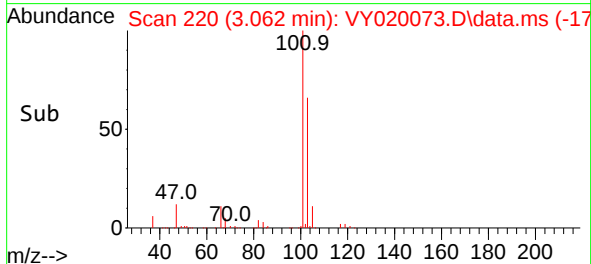
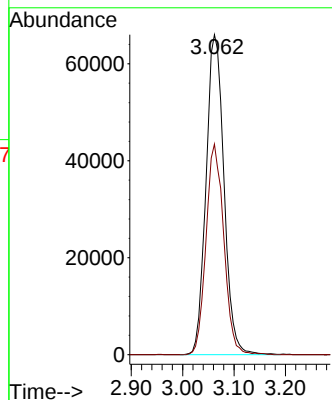
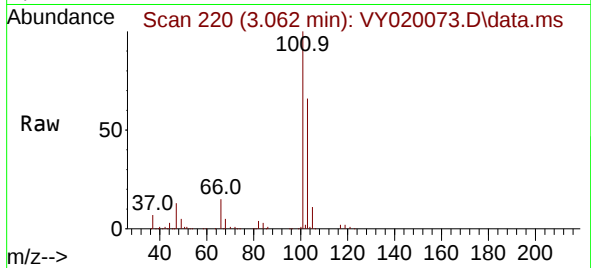




#7  
 Trichlorofluoromethane  
 Concen: 46.475 ug/l  
 RT: 3.062 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

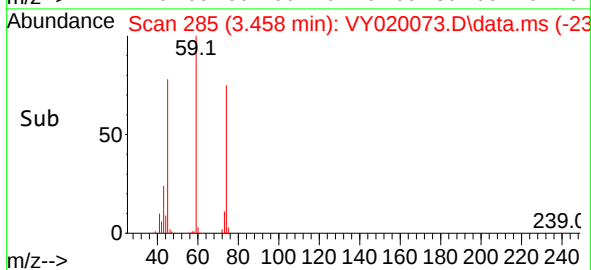
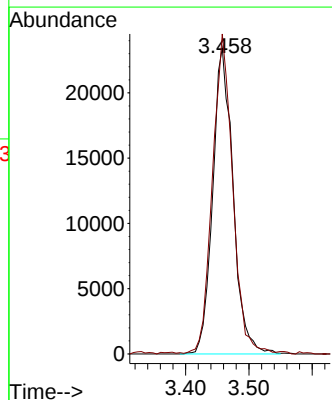
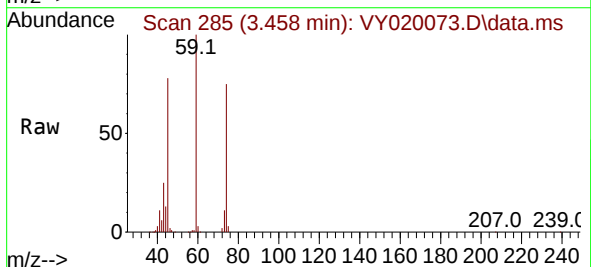
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 159971  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 50.051 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. 0.000 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

Tgt Ion: 74 Resp: 52360  
 Ion Ratio Lower Upper  
 74 100  
 45 103.2 41.3 124.1

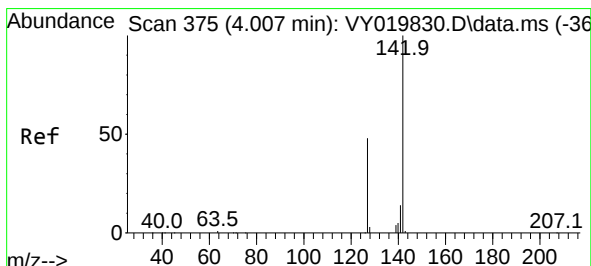
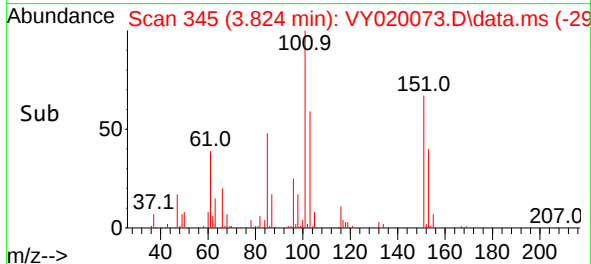
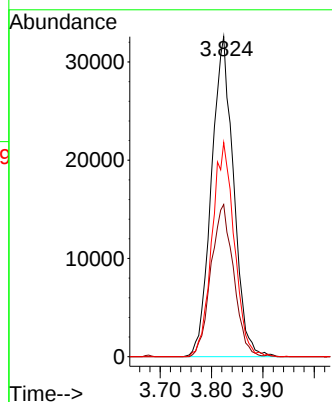
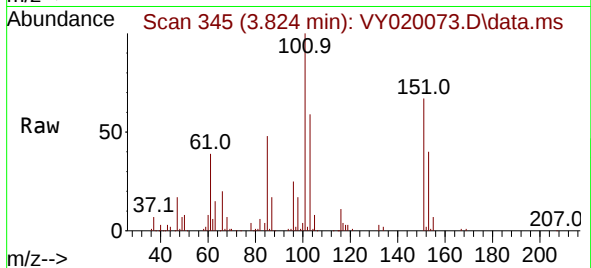




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.643 ug/l  
RT: 3.824 min Scan# 344  
Delta R.T. 0.012 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

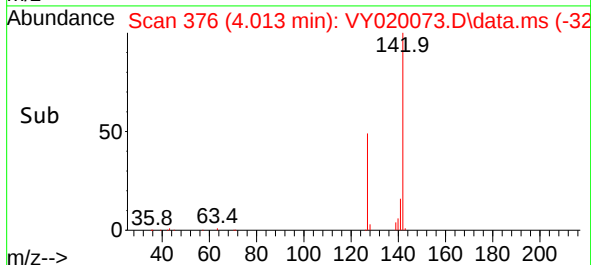
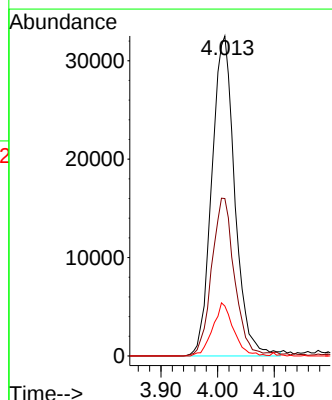
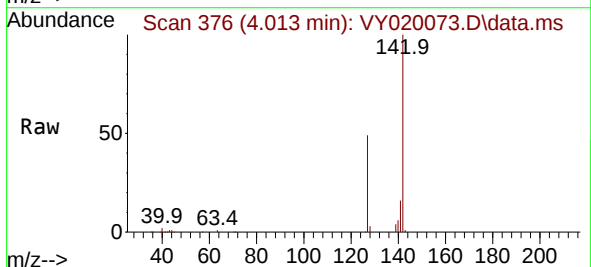
Instrument :  
MSVOA\_Y  
ClientSampleId :

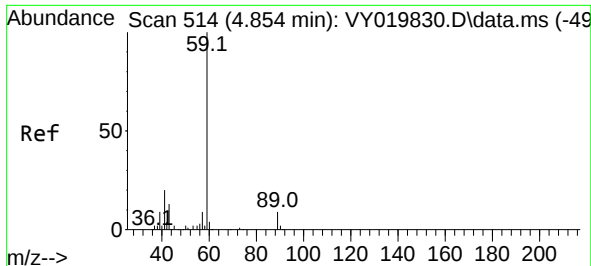
Tgt Ion:101 Resp: 97390  
Ion Ratio Lower Upper  
101 100  
85 48.5 34.5 51.7  
151 67.4 61.7 92.5



#10  
Methyl Iodide  
Concen: 45.296 ug/l  
RT: 4.013 min Scan# 376  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion:142 Resp: 91721  
Ion Ratio Lower Upper  
142 100  
127 48.9 32.8 49.2  
141 15.0 11.4 17.2

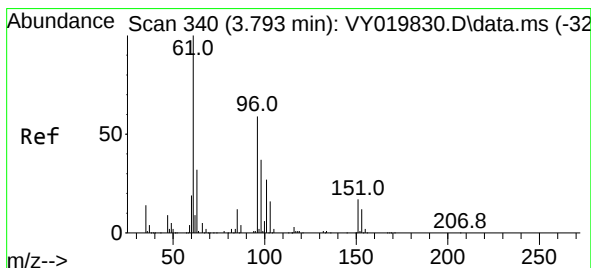
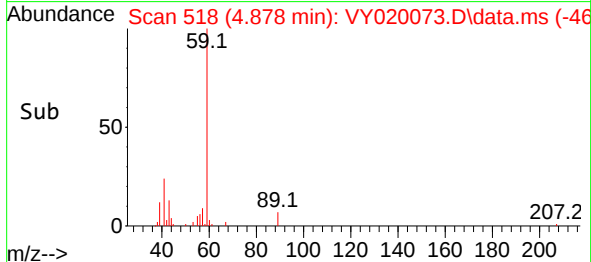
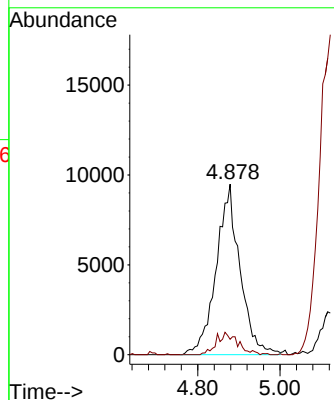
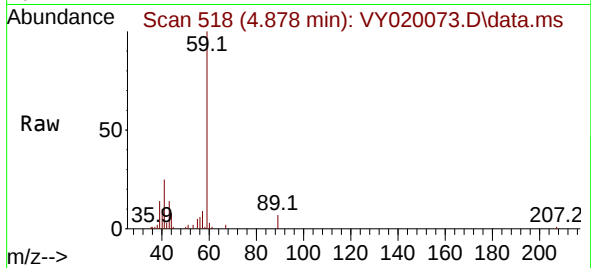




#11  
Tert butyl alcohol  
Concen: 217.802 ug/l  
RT: 4.878 min Scan# 514  
Delta R.T. 0.018 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

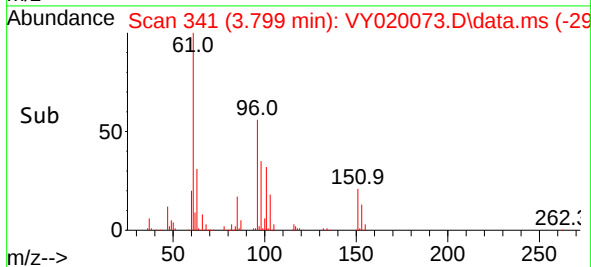
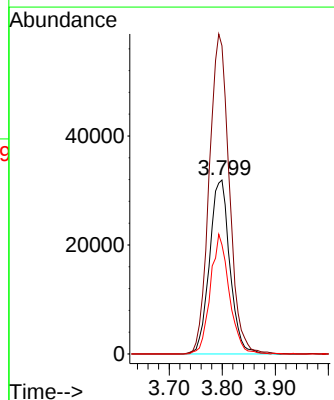
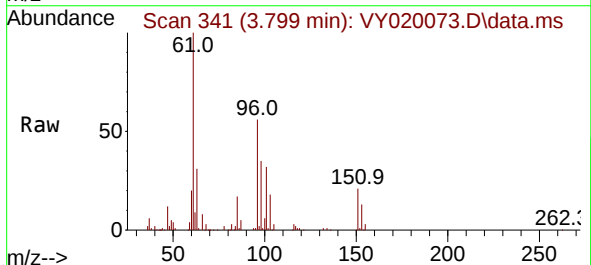
Instrument :  
MSVOA\_Y  
ClientSampleId :

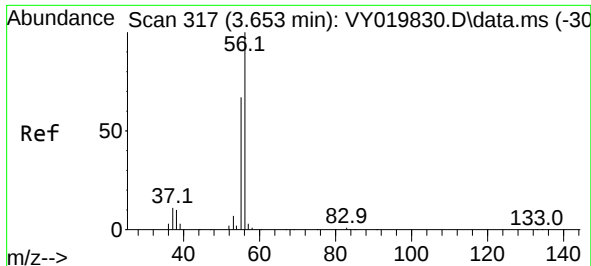
Tgt Ion: 59 Resp: 38087  
Ion Ratio Lower Upper  
59 100  
57 11.1 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 45.669 ug/l  
RT: 3.799 min Scan# 341  
Delta R.T. 0.012 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 96 Resp: 85004  
Ion Ratio Lower Upper  
96 100  
61 177.1 114.6 171.8#  
98 62.7 50.8 76.2





#13

Acrolein

Concen: 68.528 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

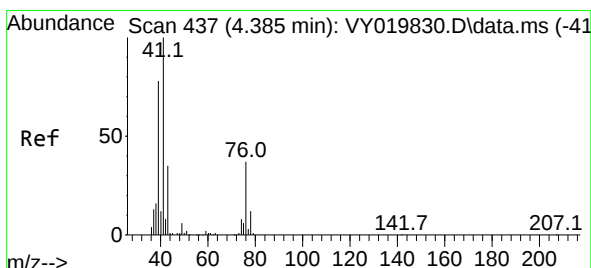
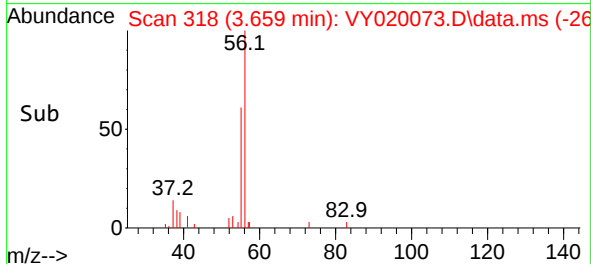
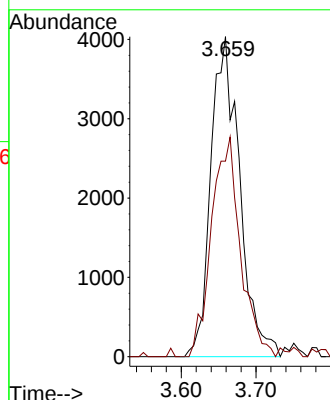
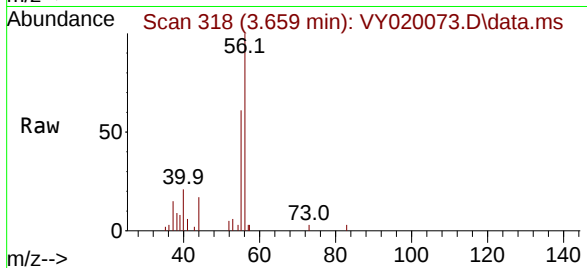
ClientSampleId :

Tgt Ion: 56 Resp: 10757

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



#14

Allyl chloride

Concen: 50.775 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

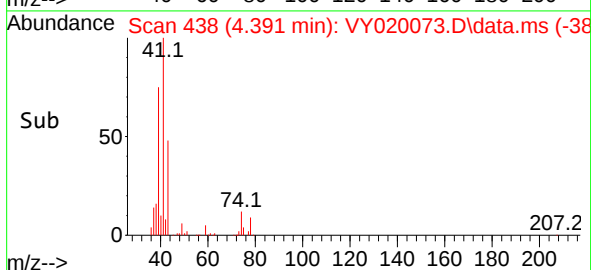
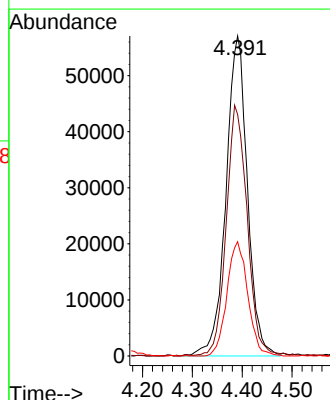
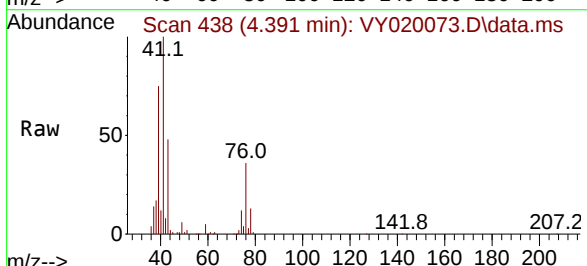
Tgt Ion: 41 Resp: 170518

Ion Ratio Lower Upper

41 100

39 75.8 58.3 87.5

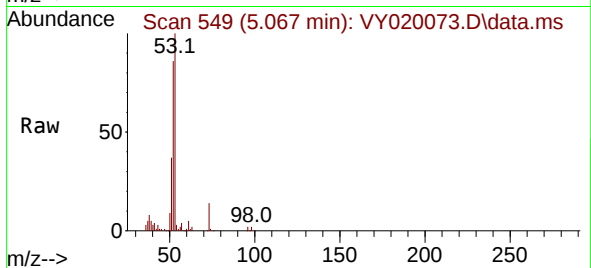
76 34.8 39.0 58.6#



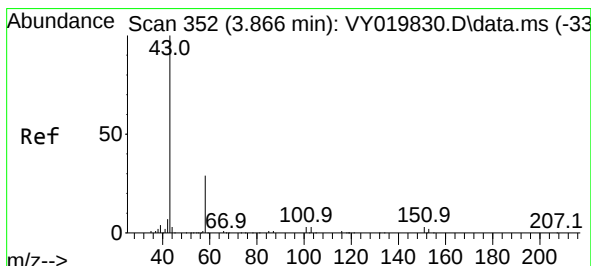
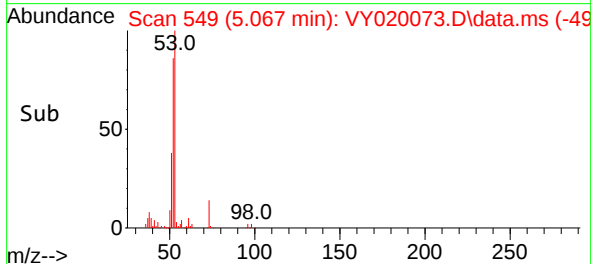
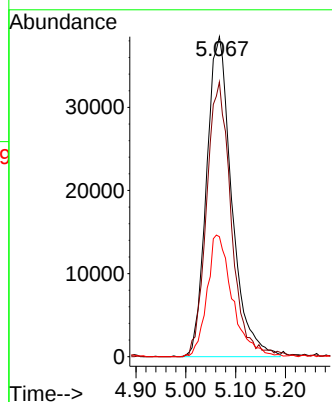


#15  
Acrylonitrile  
Concen: 282.944 ug/l  
RT: 5.067 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Instrument :  
MSVOA\_Y  
ClientSampleId :

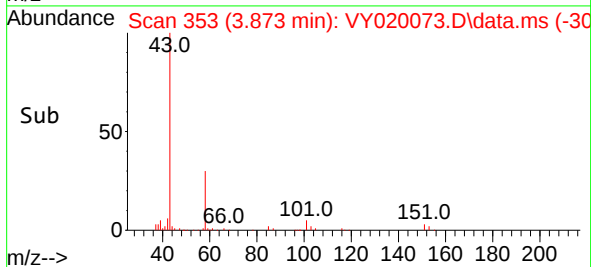
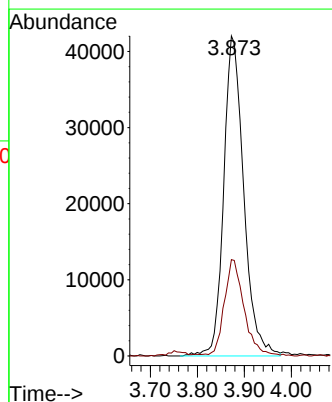
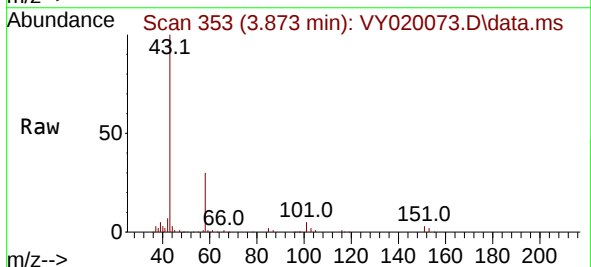


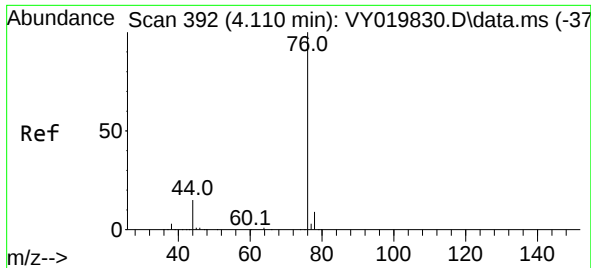
Tgt Ion: 53 Resp: 135385  
Ion Ratio Lower Upper  
53 100  
52 84.1 64.7 97.1  
51 38.4 28.4 42.6



#16  
Acetone  
Concen: 224.139 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 43 Resp: 124645  
Ion Ratio Lower Upper  
43 100  
58 29.8 31.7 47.5#

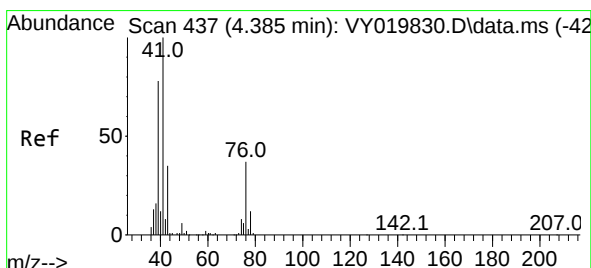
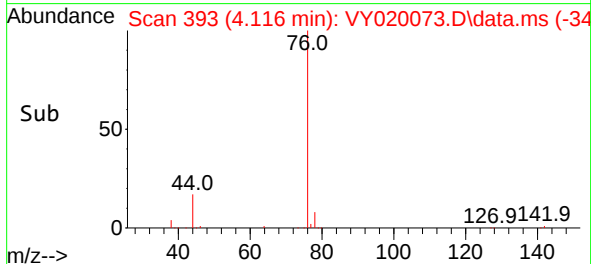
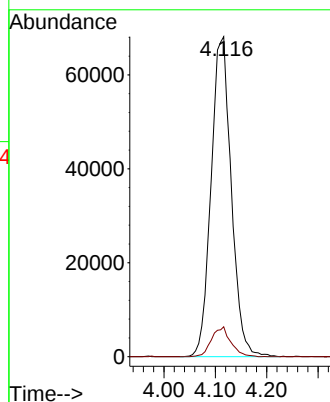
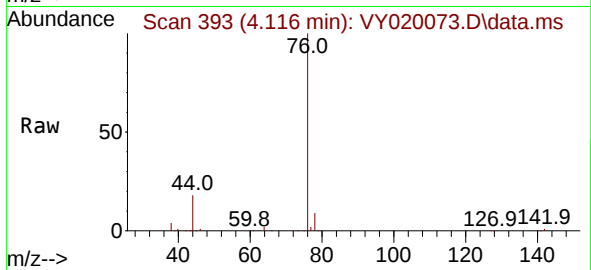




#17  
Carbon Disulfide  
Concen: 37.267 ug/l  
RT: 4.116 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

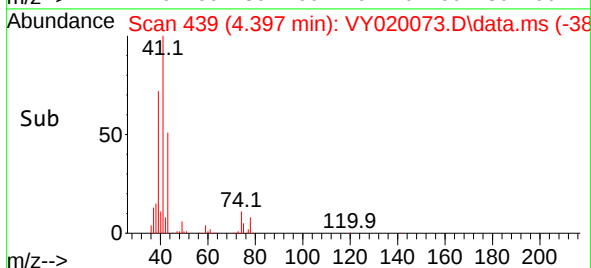
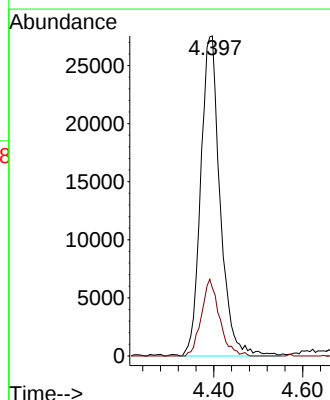
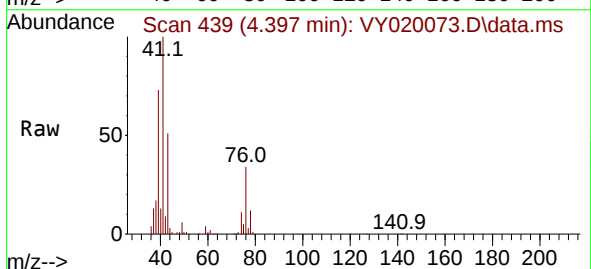
Instrument :  
MSVOA\_Y  
ClientSampleId :

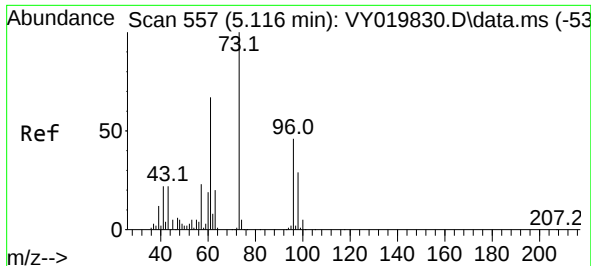
Tgt Ion: 76 Resp: 185921  
Ion Ratio Lower Upper  
76 100  
78 9.4 6.8 10.2



#18  
Methyl Acetate  
Concen: 69.862 ug/l  
RT: 4.397 min Scan# 439  
Delta R.T. 0.012 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 43 Resp: 83691  
Ion Ratio Lower Upper  
43 100  
74 22.4 23.3 34.9#

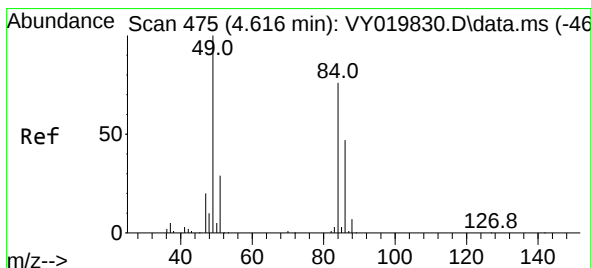
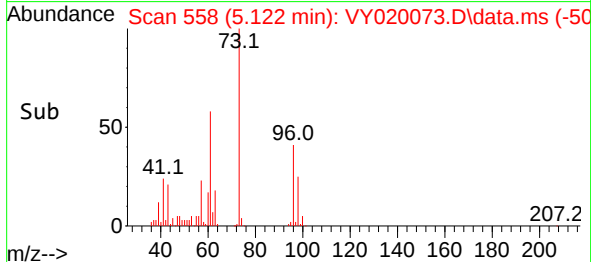
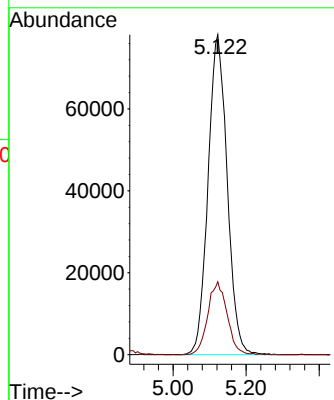
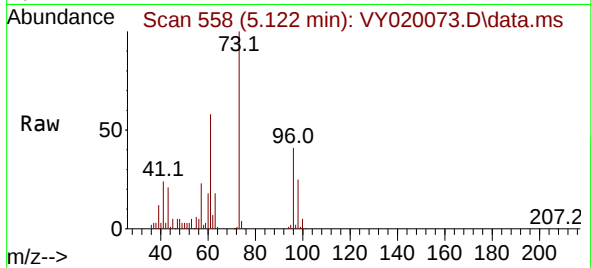




#19  
Methyl tert-butyl Ether  
Concen: 53.006 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

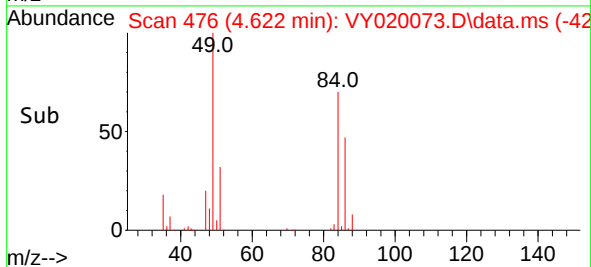
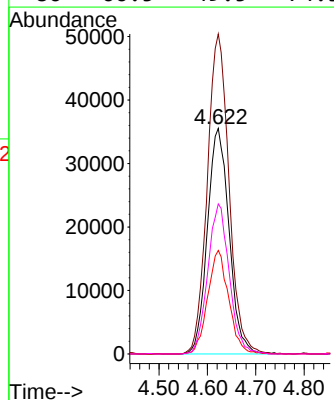
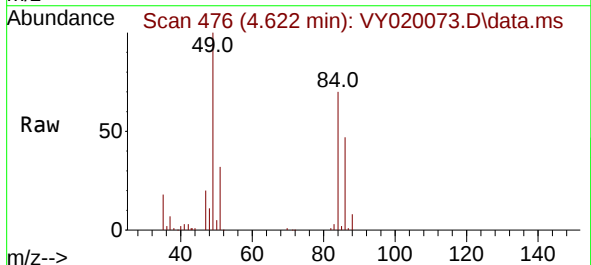
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 73 Resp: 283441  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 54.025 ug/l  
RT: 4.622 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

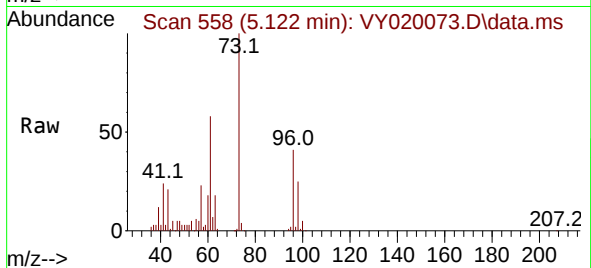
Tgt Ion: 84 Resp: 110877  
Ion Ratio Lower Upper  
84 100  
49 141.9 84.4 126.6#  
51 45.9 26.0 39.0#  
86 66.5 49.5 74.3



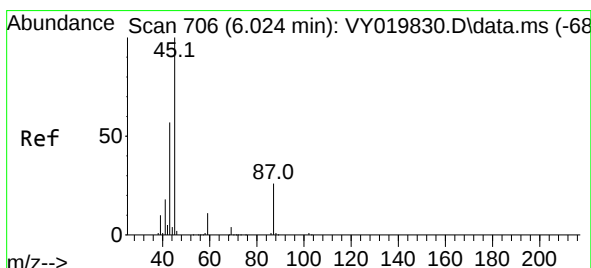
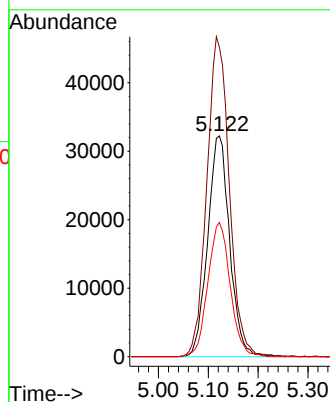
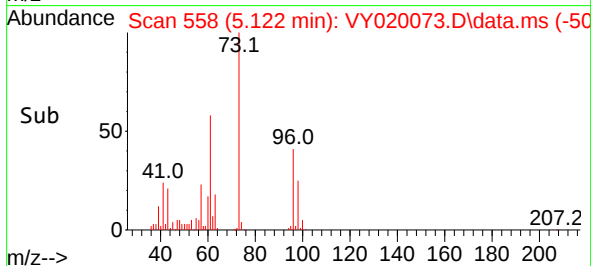


#21  
trans-1,2-Dichloroethene  
Concen: 48.648 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Instrument :  
MSVOA\_Y  
ClientSampleId :

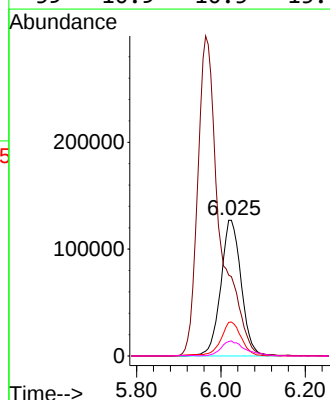
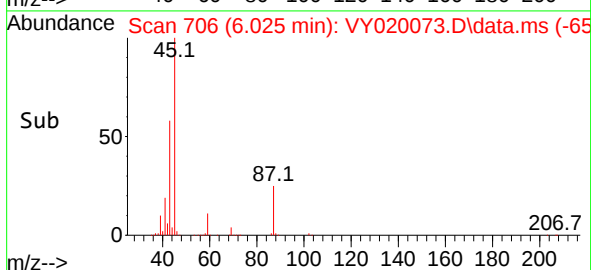
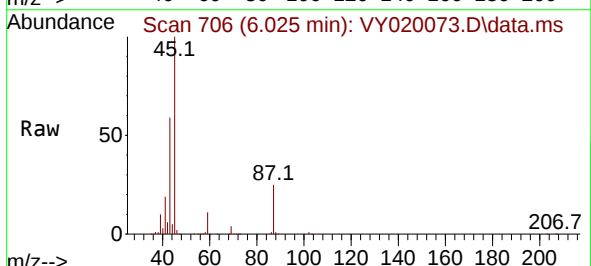


Tgt Ion: 96 Resp: 98550  
Ion Ratio Lower Upper  
96 100  
61 139.9 97.5 146.3  
98 60.8 50.5 75.7



#22  
Diisopropyl ether  
Concen: 58.253 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

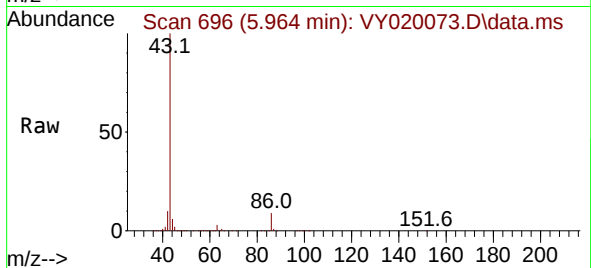
Tgt Ion: 45 Resp: 426126  
Ion Ratio Lower Upper  
45 100  
43 58.1 42.2 63.2  
87 25.0 25.0 37.6#  
59 10.9 10.5 15.7



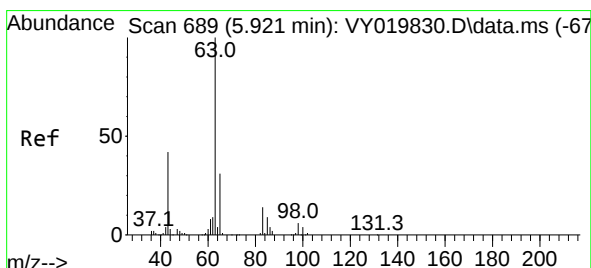
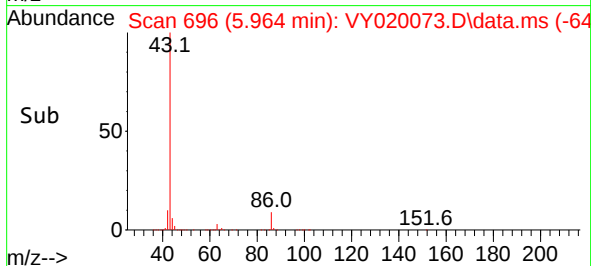
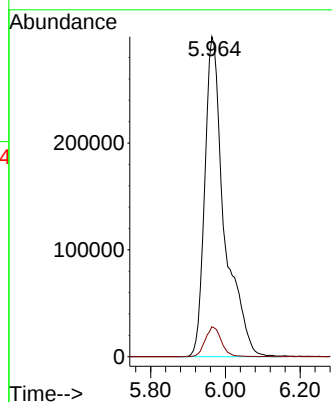


#23  
 Vinyl Acetate  
 Concen: 260.102 ug/l  
 RT: 5.964 min Scan# 696  
 Delta R.T. 0.006 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

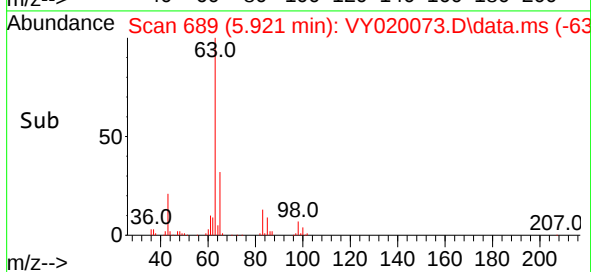
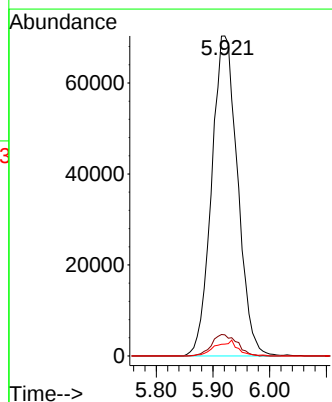
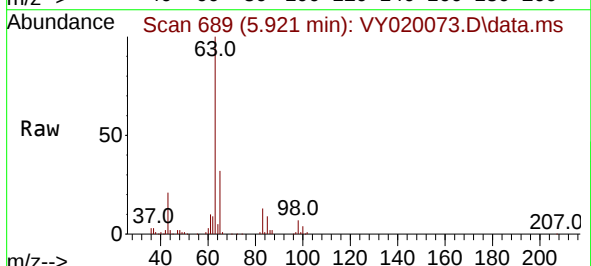


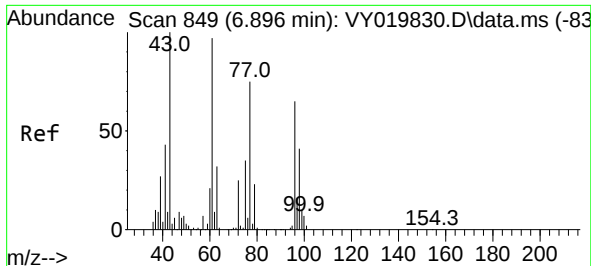
Tgt Ion: 43 Resp: 1090760  
 Ion Ratio Lower Upper  
 43 100  
 86 9.3 10.6 16.0#



#24  
 1,1-Dichloroethane  
 Concen: 55.063 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. 0.006 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

Tgt Ion: 63 Resp: 223902  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 4.0 12.2  
 100 3.7 2.6 8.0





#25

2-Butanone

Concen: 256.619 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

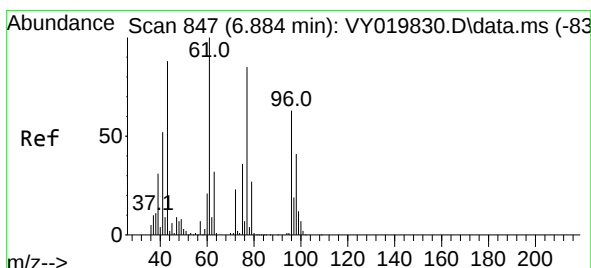
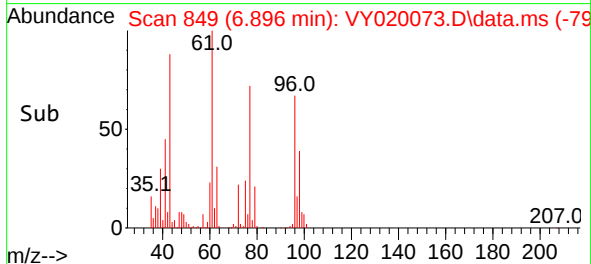
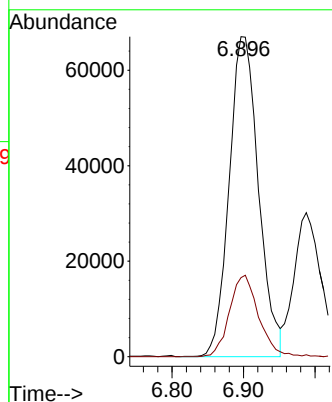
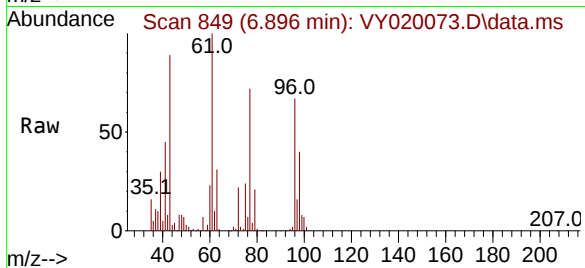
ClientSampleId :

Tgt Ion: 43 Resp: 191018

Ion Ratio Lower Upper

43 100

72 24.7 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 46.779 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY020073.D

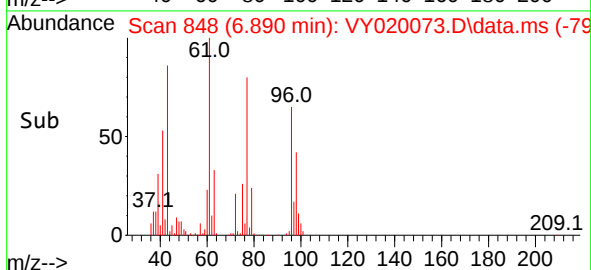
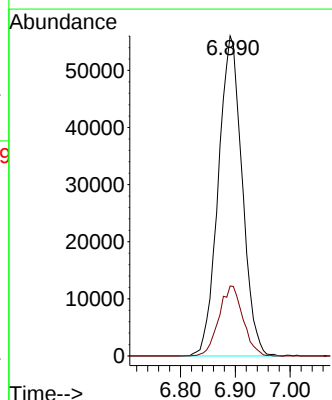
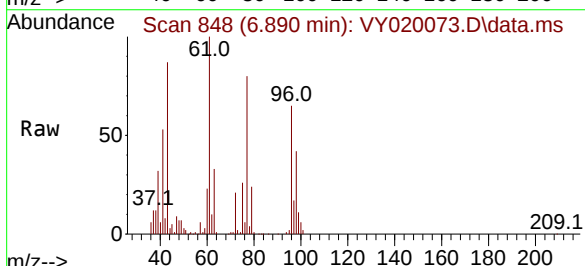
Acq: 29 Oct 2024 19:51

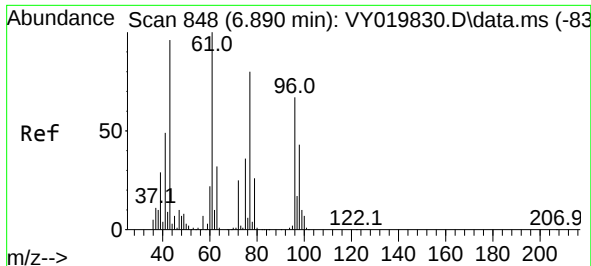
Tgt Ion: 77 Resp: 169401

Ion Ratio Lower Upper

77 100

97 22.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.045 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

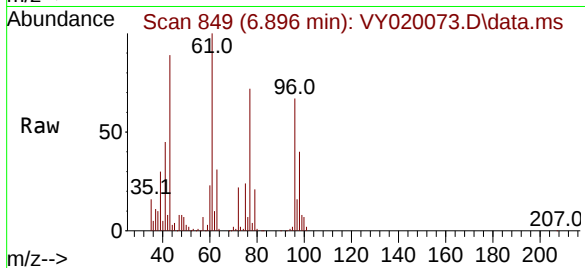
Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :



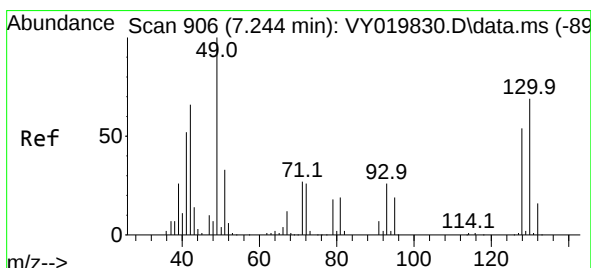
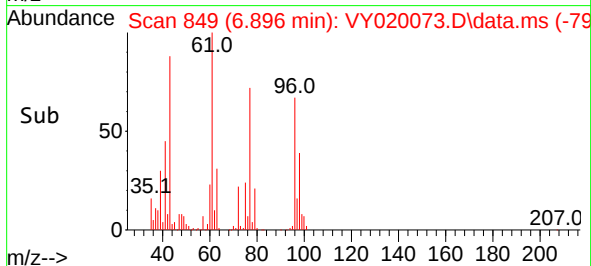
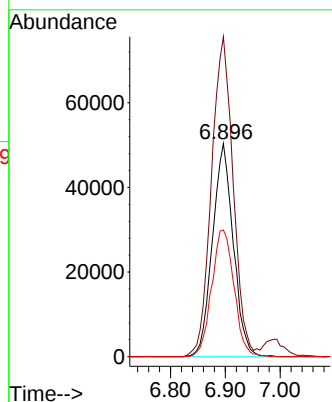
Tgt Ion: 96 Resp: 132796

Ion Ratio Lower Upper

96 100

61 156.9 0.0 256.2

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 62.491 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

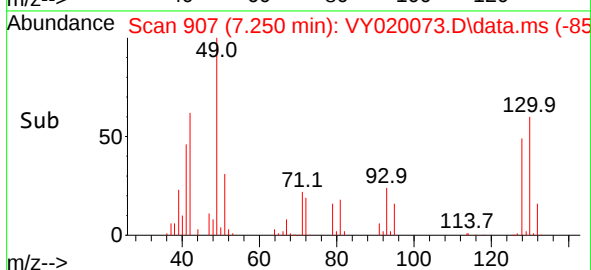
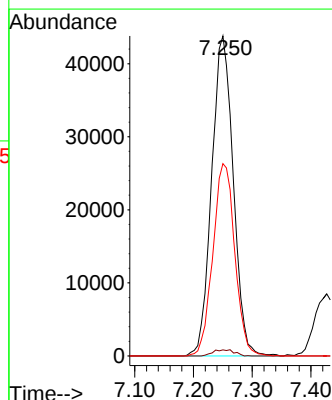
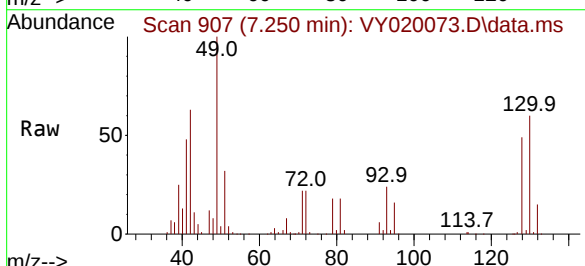
Tgt Ion: 49 Resp: 111844

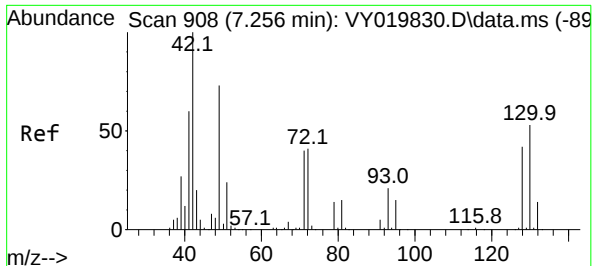
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 61.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 280.747 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :

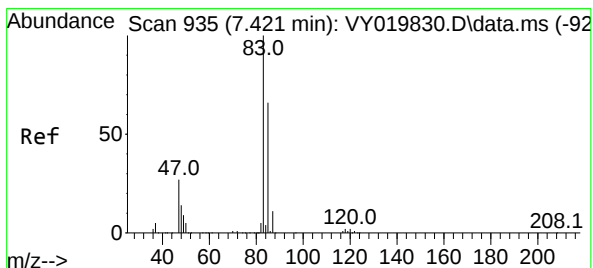
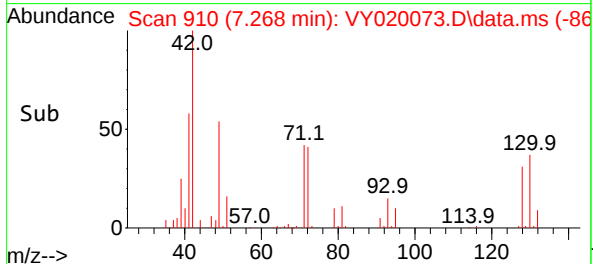
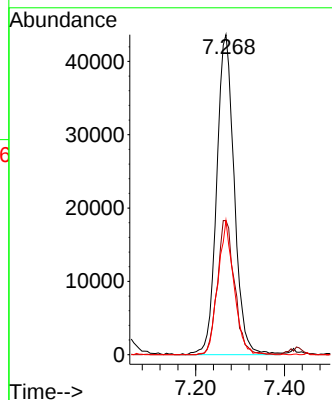
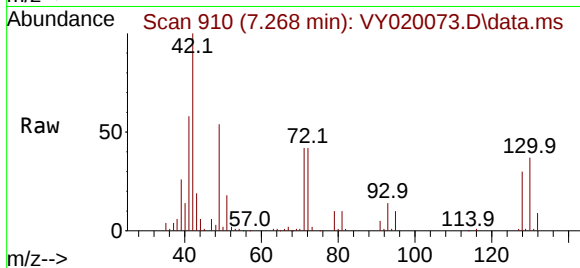
Tgt Ion: 42 Resp: 119322

Ion Ratio Lower Upper

42 100

72 41.2 43.0 64.4#

71 38.4 40.8 61.2#



#30

Chloroform

Concen: 56.733 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020073.D

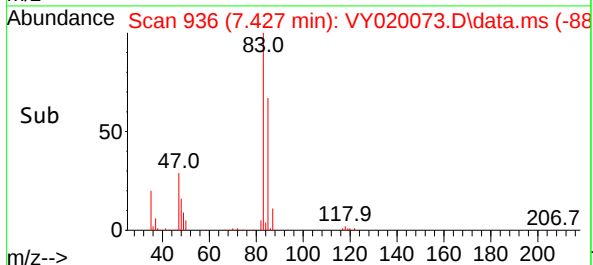
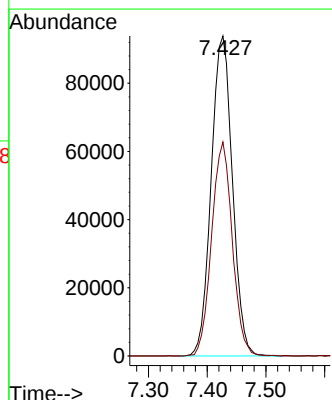
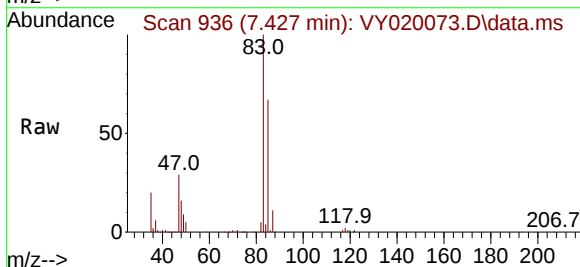
Acq: 29 Oct 2024 19:51

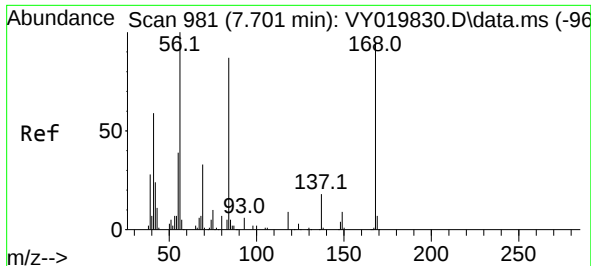
Tgt Ion: 83 Resp: 235163

Ion Ratio Lower Upper

83 100

85 66.9 52.2 78.4

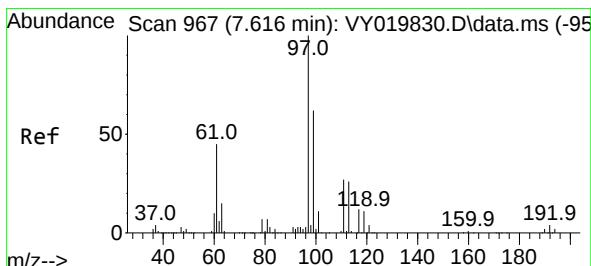
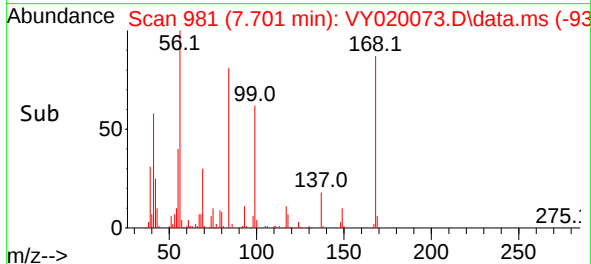
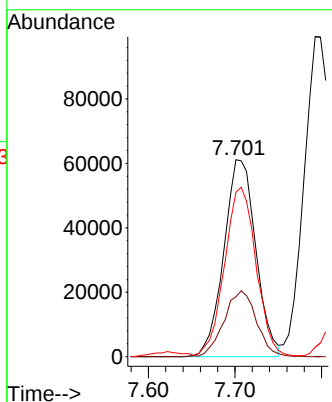
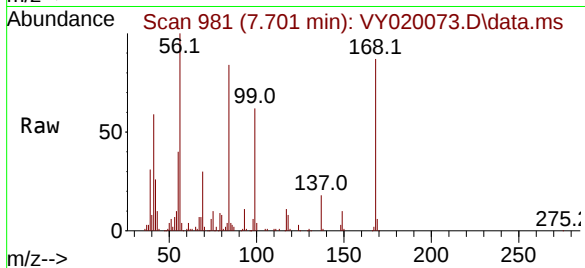




#31  
Cyclohexane  
Concen: 43.880 ug/l  
RT: 7.701 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

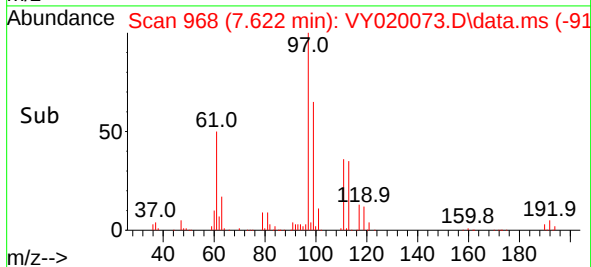
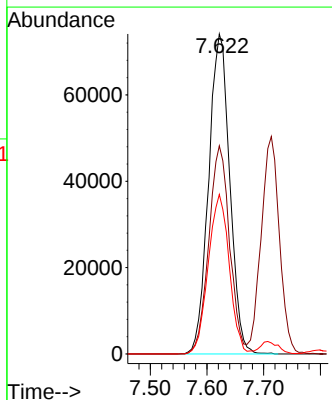
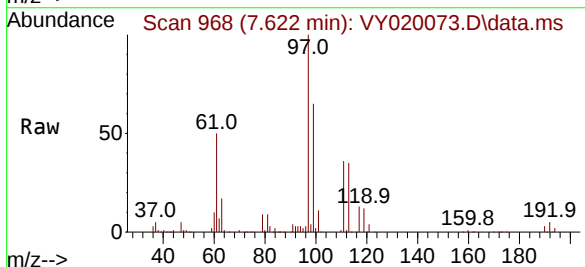
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 56 Resp: 156630  
Ion Ratio Lower Upper  
56 100  
69 30.5 28.7 43.1  
84 81.7 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 52.770 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 97 Resp: 191693  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.3 75.5  
61 49.8 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 52.760 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

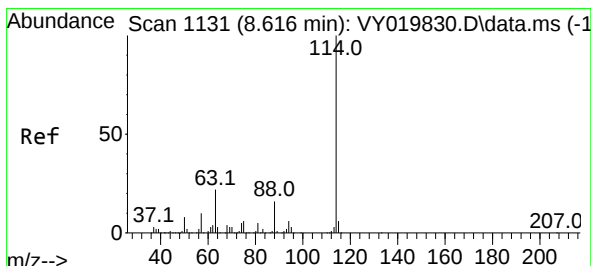
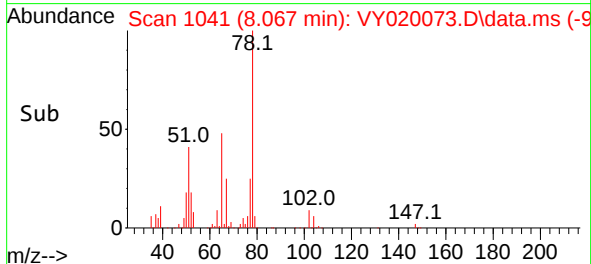
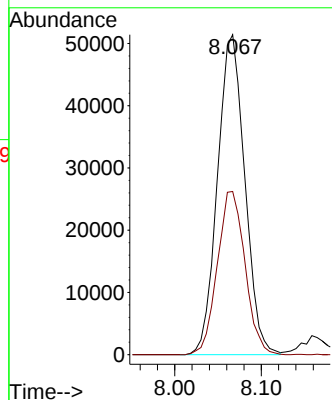
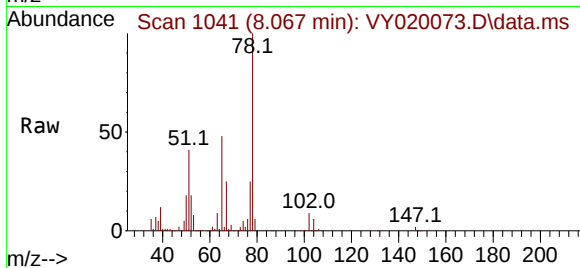
ClientSampleId :

Tgt Ion: 65 Resp: 112709

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

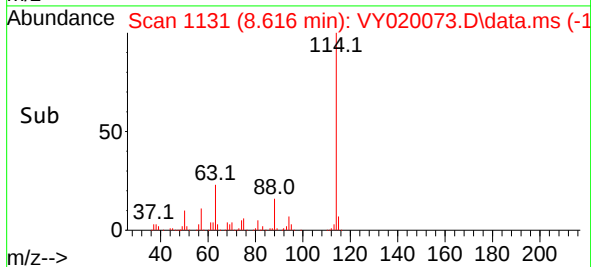
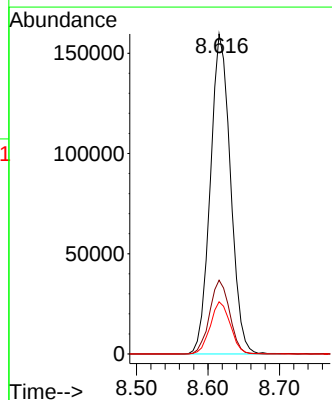
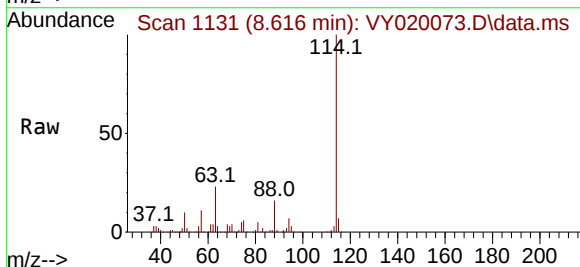
Tgt Ion: 114 Resp: 312165

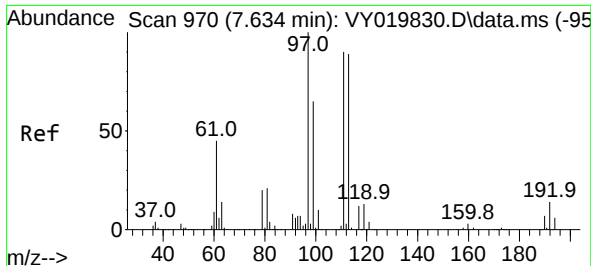
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 16.3 0.0 27.2

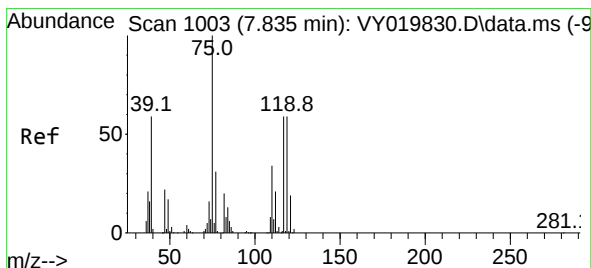
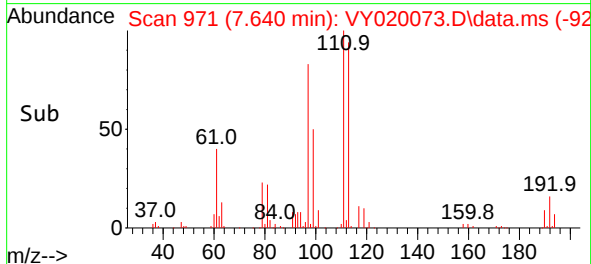
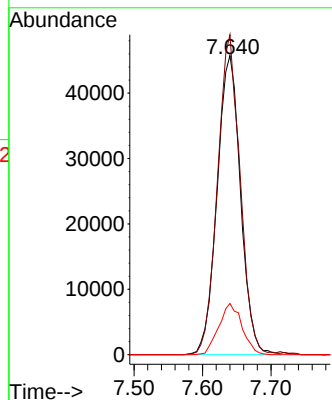
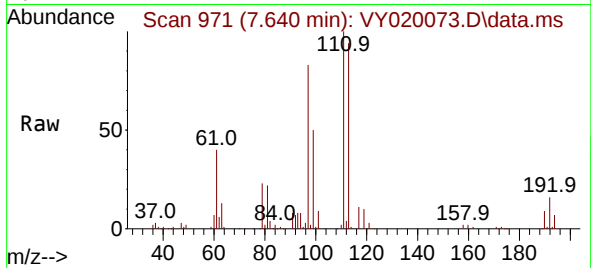




#35  
Dibromofluoromethane  
Concen: 52.642 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

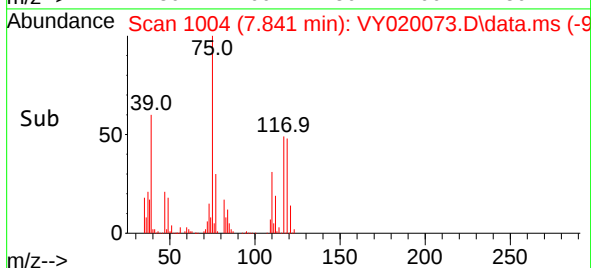
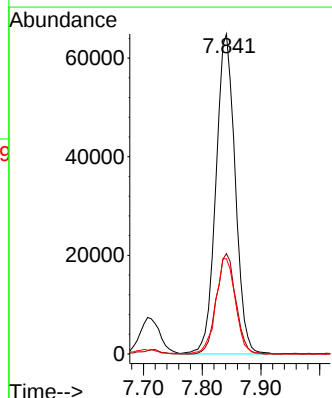
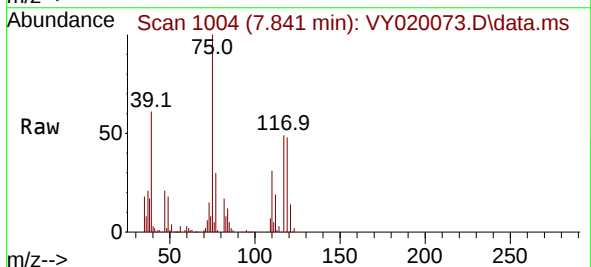
Instrument :  
MSVOA\_Y  
ClientSampleId :

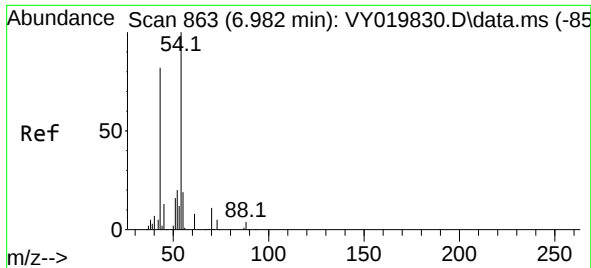
Tgt Ion:113 Resp: 108440  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.2 123.4  
192 17.0 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 49.803 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 75 Resp: 147800  
Ion Ratio Lower Upper  
75 100  
110 31.4 19.0 57.0  
77 30.4 25.3 37.9

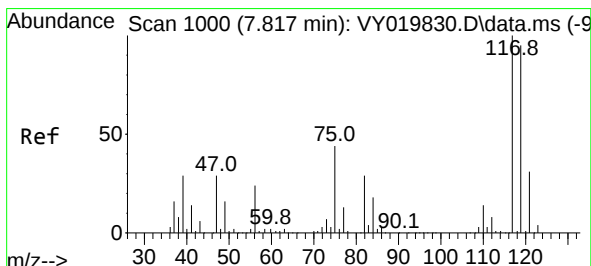
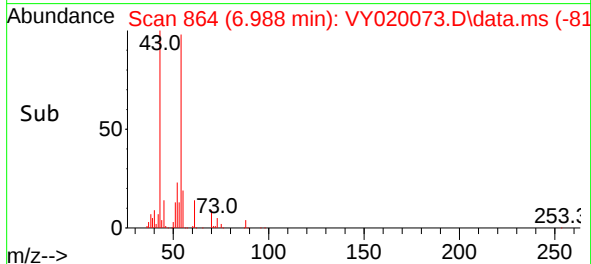
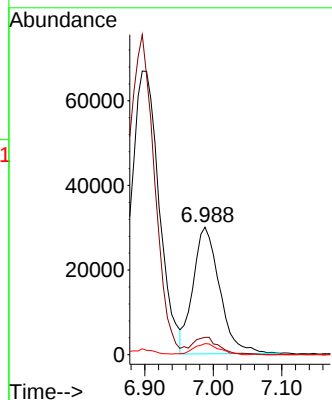
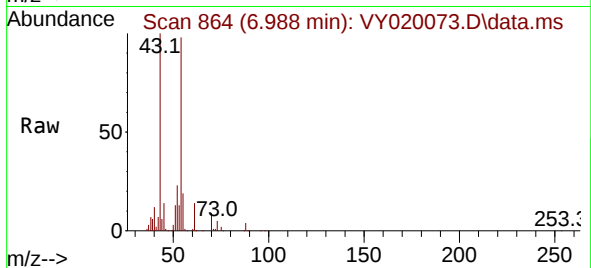




#37  
Ethyl Acetate  
Concen: 52.170 ug/l  
RT: 6.988 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

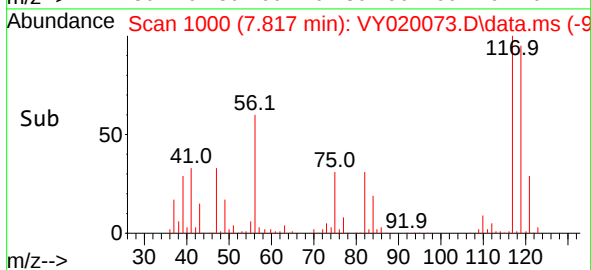
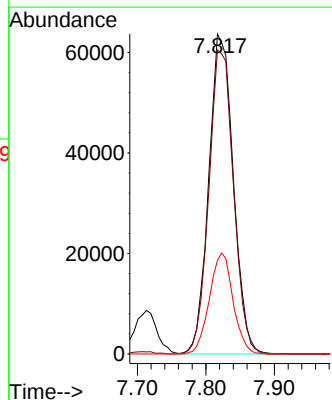
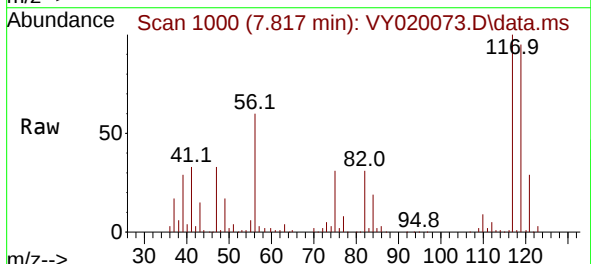
Instrument :  
MSVOA\_Y  
ClientSampleId :

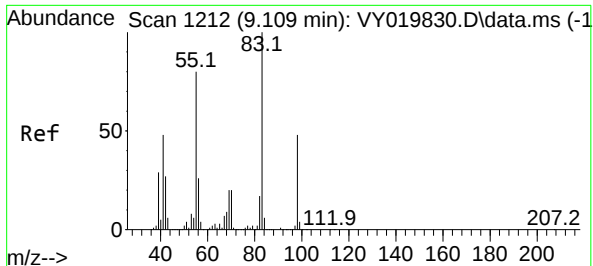
Tgt Ion: 43 Resp: 80733  
Ion Ratio Lower Upper  
43 100  
61 12.8 12.6 19.0  
70 8.5 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 49.862 ug/l  
RT: 7.817 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 117 Resp: 158634  
Ion Ratio Lower Upper  
117 100  
119 95.0 75.8 113.6  
121 29.3 24.0 36.0





#39

Methylcyclohexane

Concen: 44.190 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :

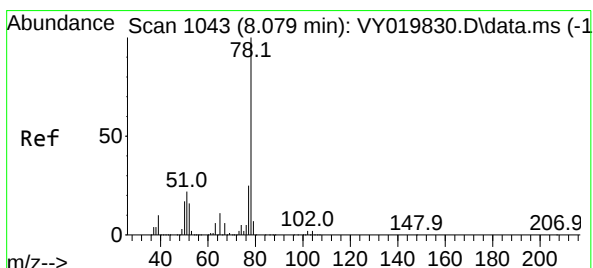
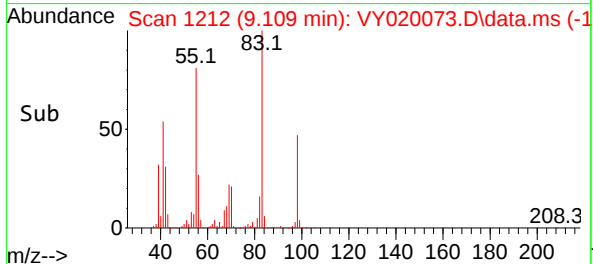
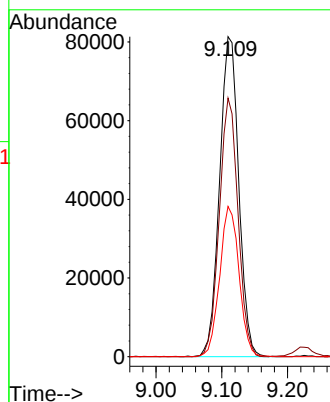
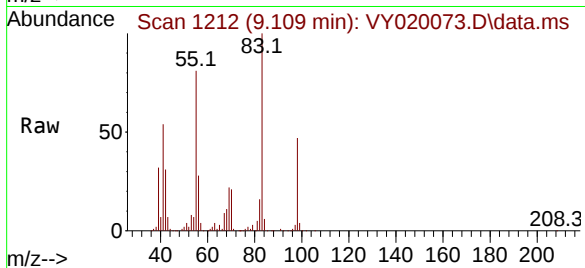
Tgt Ion: 83 Resp: 165241

Ion Ratio Lower Upper

83 100

55 80.8 51.5 77.3#

98 47.0 40.5 60.7



#40

Benzene

Concen: 52.657 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020073.D

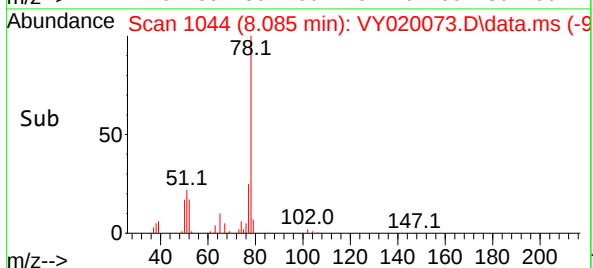
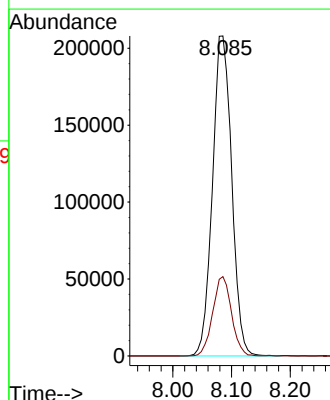
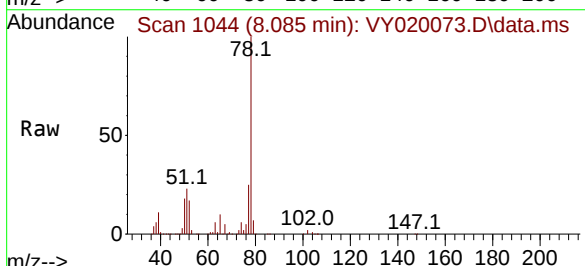
Acq: 29 Oct 2024 19:51

Tgt Ion: 78 Resp: 472943

Ion Ratio Lower Upper

78 100

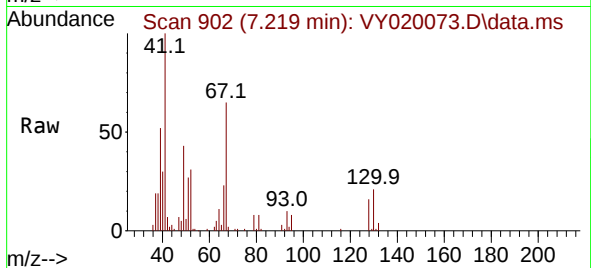
77 24.8 19.5 29.3



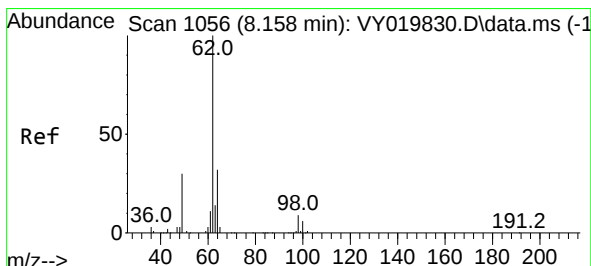
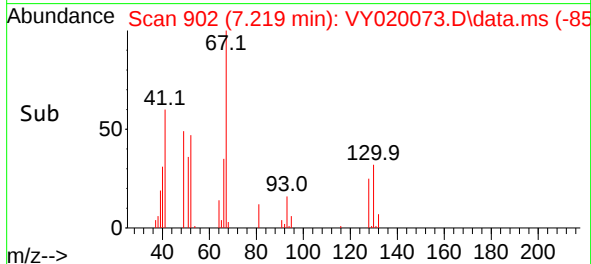
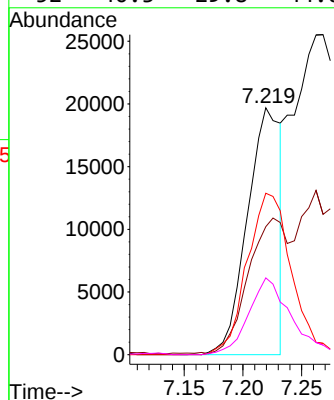


#41  
Methacrylonitrile  
Concen: 46.509 ug/l  
RT: 7.219 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Instrument :  
MSVOA\_Y  
ClientSampleId :

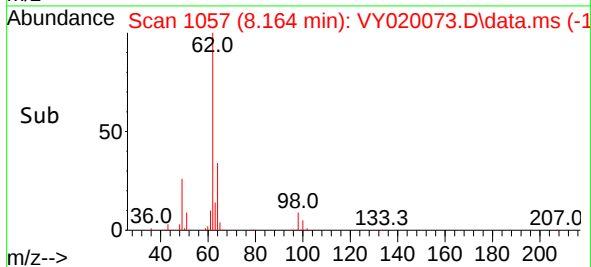
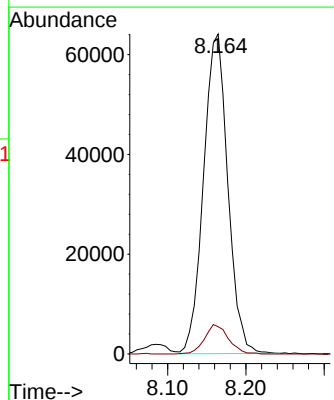
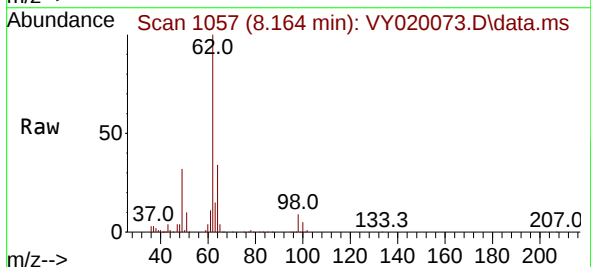


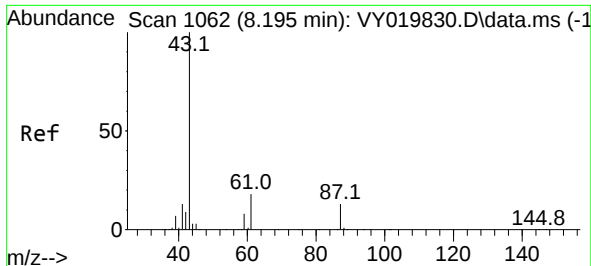
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 38953 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 63.5     | 48.0 72.0   |
| 67 87.4     | 75.1 112.7  |
| 52 40.3     | 29.8 44.6   |



#42  
1,2-Dichloroethane  
Concen: 53.417 ug/l  
RT: 8.164 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 137832 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.0      | 0.0 22.0     |

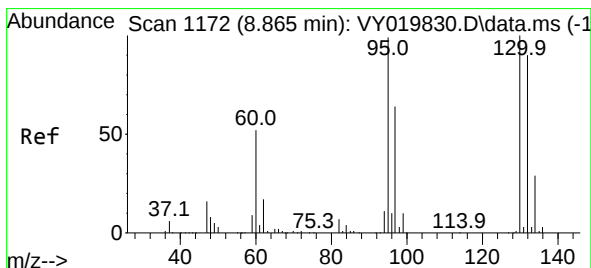
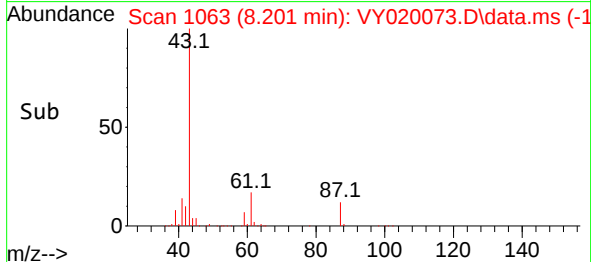
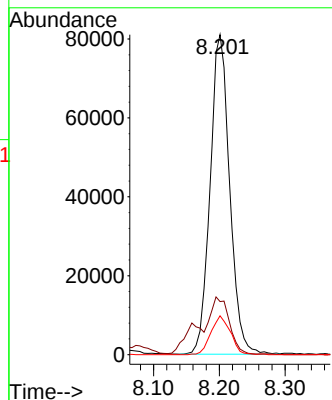
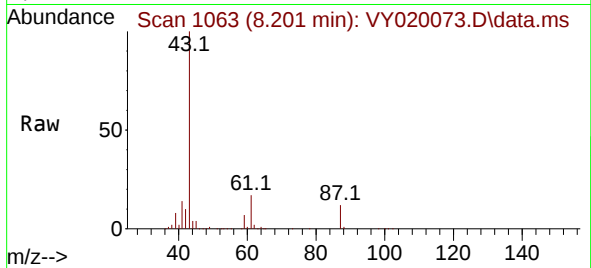




#43  
Isopropyl Acetate  
Concen: 53.096 ug/l  
RT: 8.201 min Scan# 1063  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

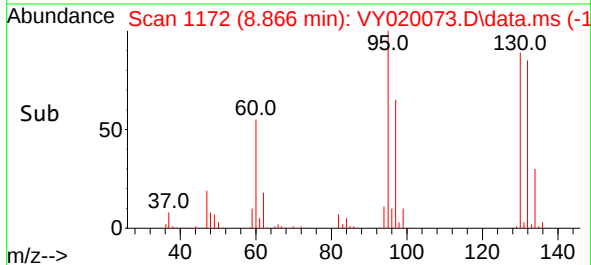
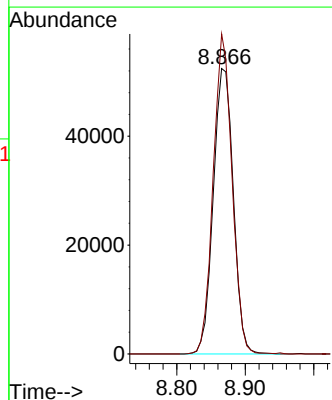
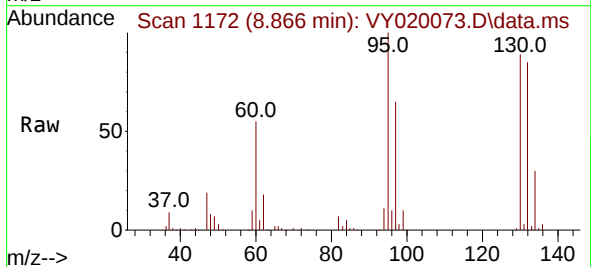
Instrument :  
MSVOA\_Y  
ClientSampleId :

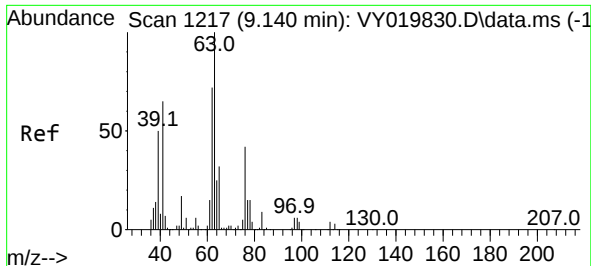
Tgt Ion: 43 Resp: 167569  
Ion Ratio Lower Upper  
43 100  
61 17.7 27.9 41.9#  
87 12.2 13.1 19.7#



#44  
Trichloroethene  
Concen: 48.944 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion:130 Resp: 106470  
Ion Ratio Lower Upper  
130 100  
95 112.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 55.356 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

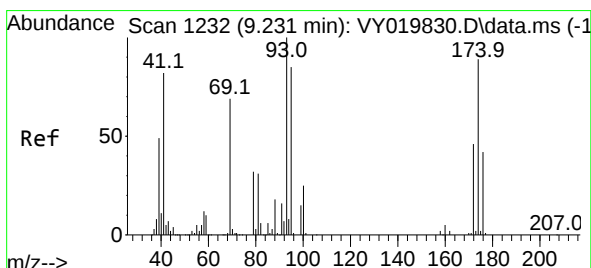
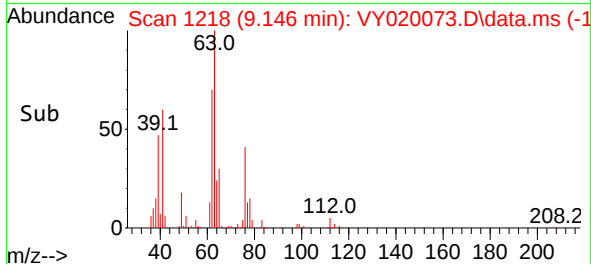
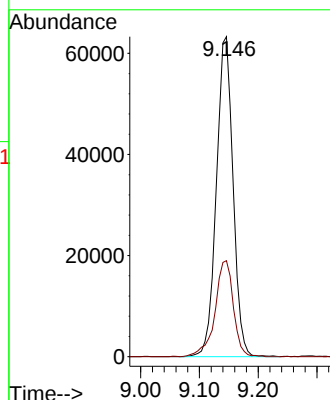
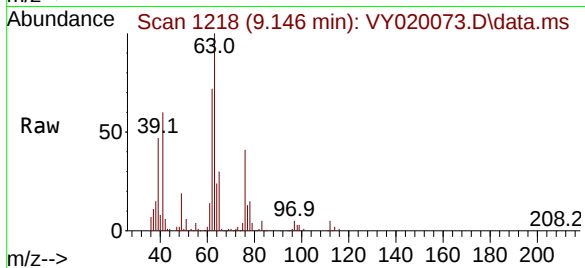
ClientSampleId :

Tgt Ion: 63 Resp: 124442

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.2



#46

Dibromomethane

Concen: 53.357 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

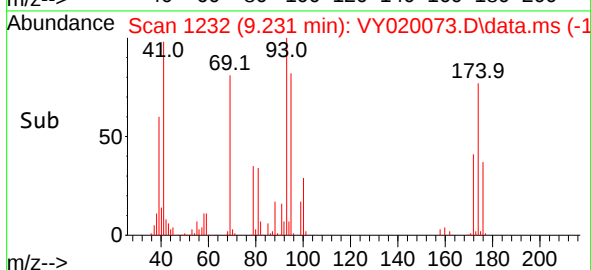
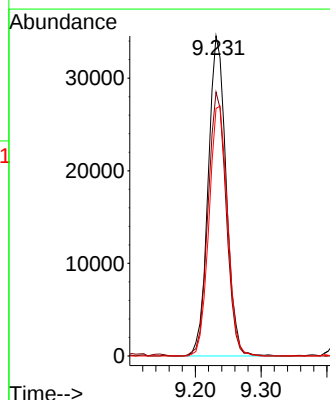
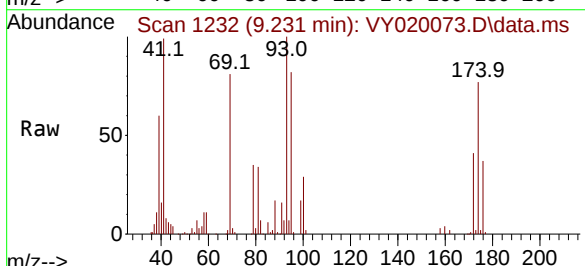
Tgt Ion: 93 Resp: 65534

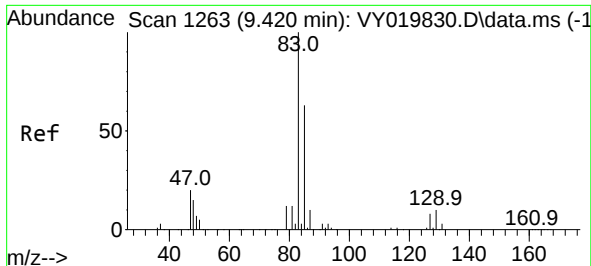
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 80.7 80.9 121.3

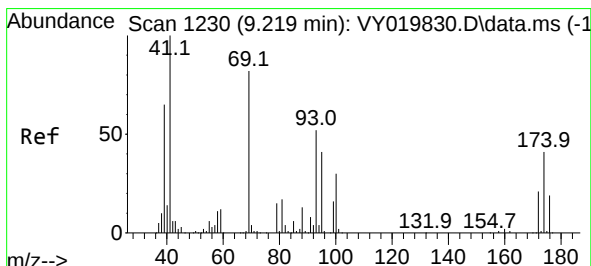
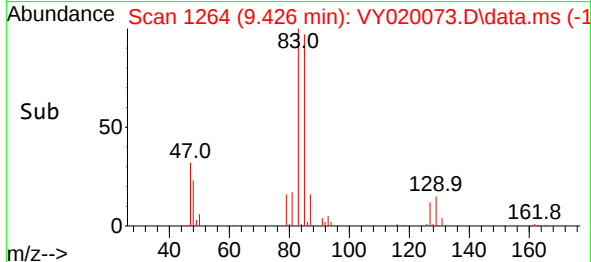
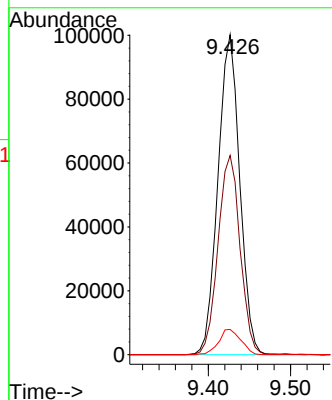
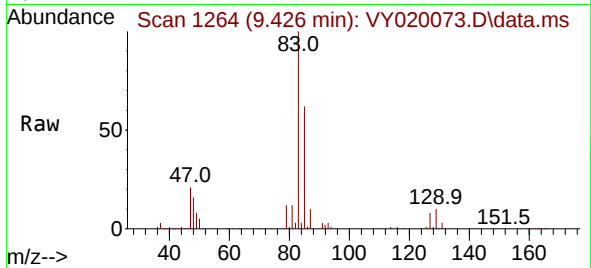




#47  
Bromodichloromethane  
Concen: 56.502 ug/l  
RT: 9.426 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

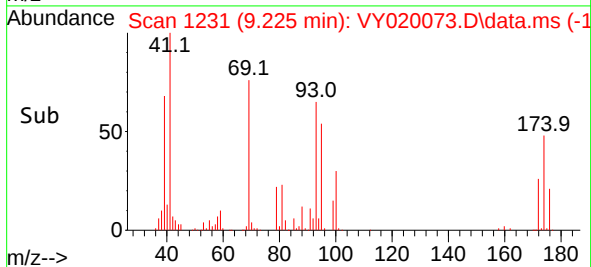
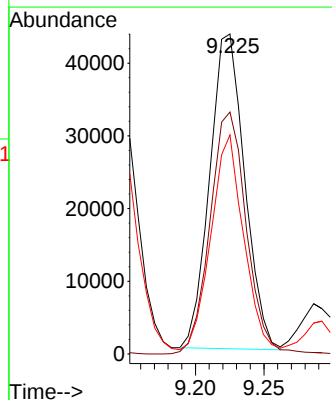
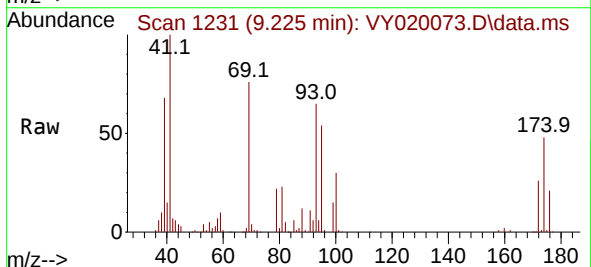
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 83 Resp: 184201  
Ion Ratio Lower Upper  
83 100  
85 62.3 50.1 75.1  
127 7.9 7.4 11.0



#48  
Methyl methacrylate  
Concen: 55.384 ug/l  
RT: 9.225 min Scan# 1231  
Delta R.T. 0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 41 Resp: 76886  
Ion Ratio Lower Upper  
41 100  
69 79.9 84.1 126.1#  
39 65.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 1105.211 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

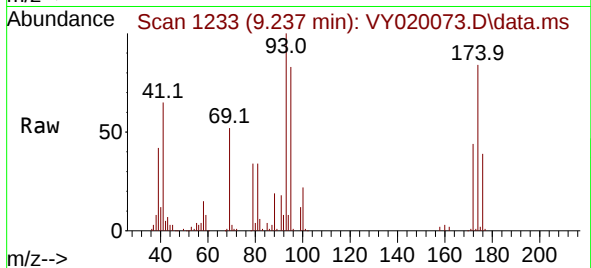
Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :



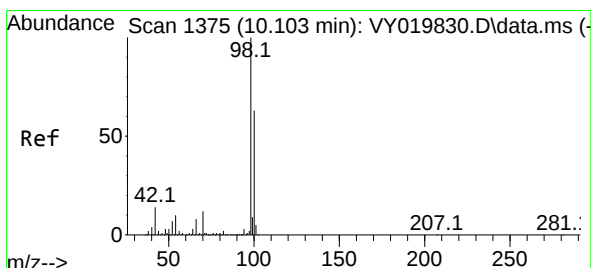
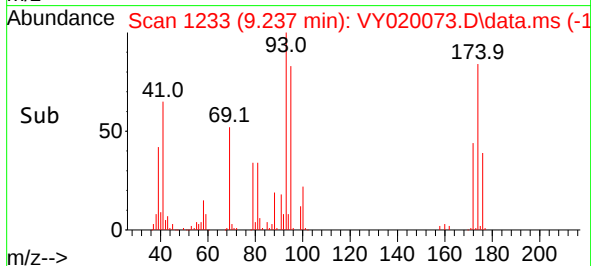
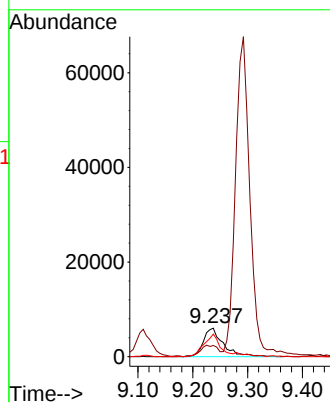
Tgt Ion: 88 Resp: 15193

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0#

58 73.0 49.3 73.9



#50

Toluene-d8

Concen: 49.580 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020073.D

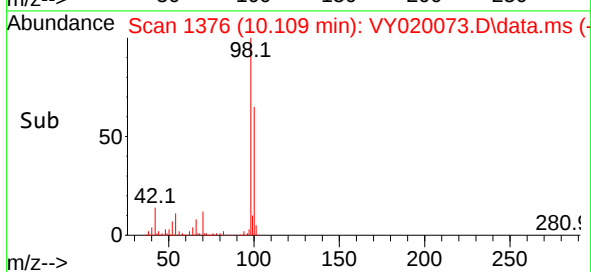
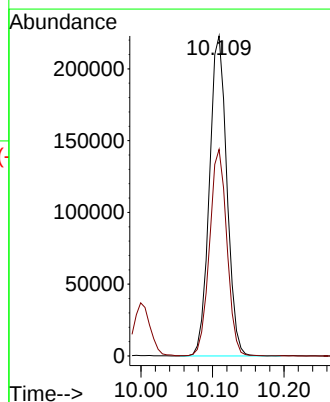
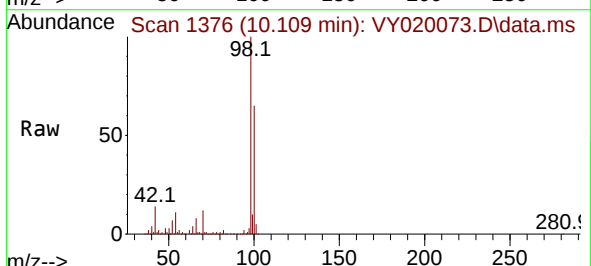
Acq: 29 Oct 2024 19:51

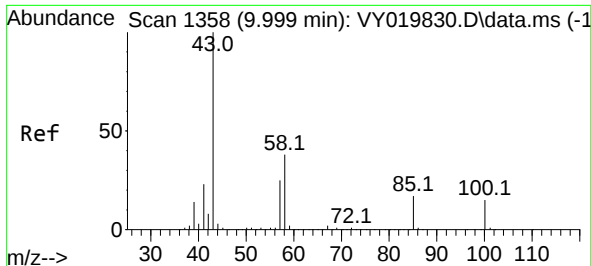
Tgt Ion: 98 Resp: 377157

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 287.042 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

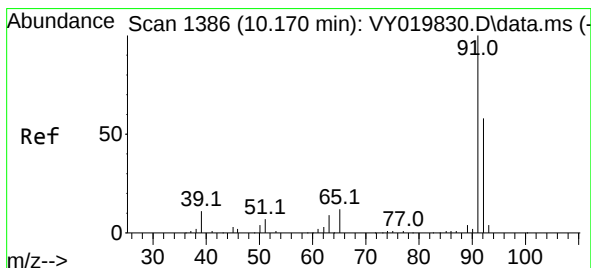
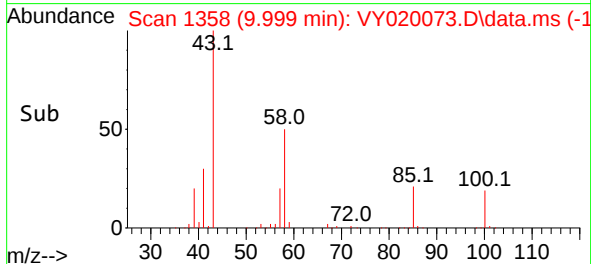
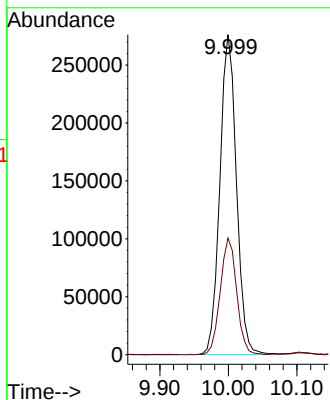
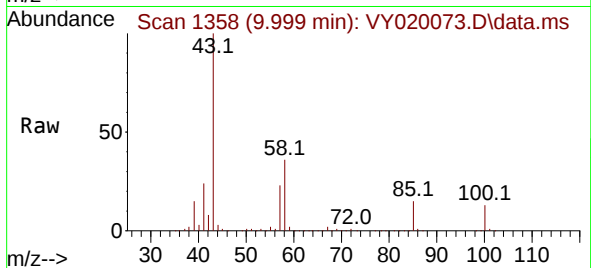
ClientSampleId :

Tgt Ion: 43 Resp: 462060

Ion Ratio Lower Upper

43 100

58 36.1 35.7 53.5



#52

Toluene

Concen: 53.460 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020073.D

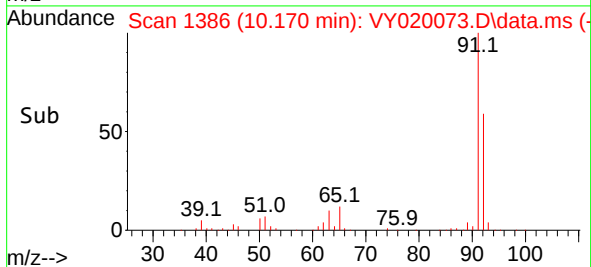
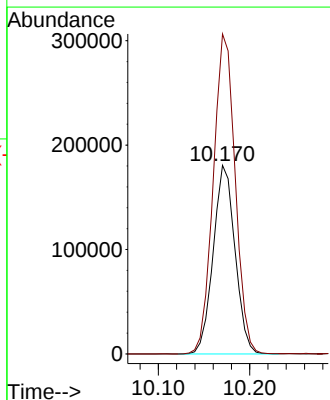
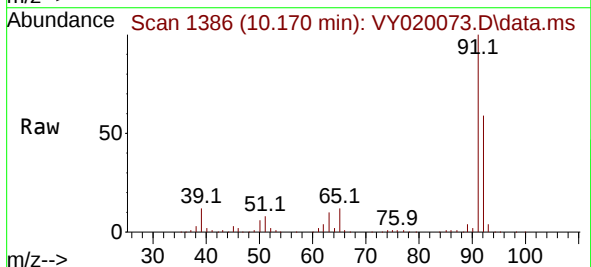
Acq: 29 Oct 2024 19:51

Tgt Ion: 92 Resp: 299715

Ion Ratio Lower Upper

92 100

91 170.6 139.0 208.6

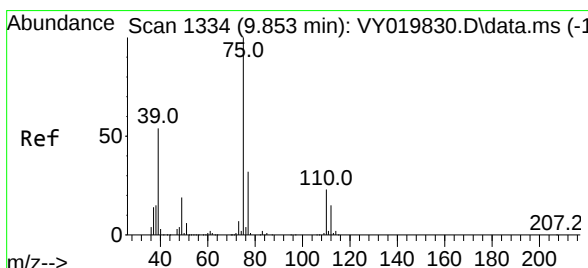
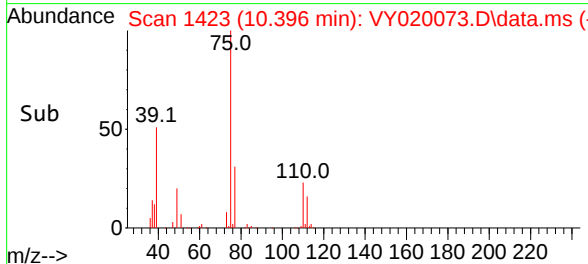
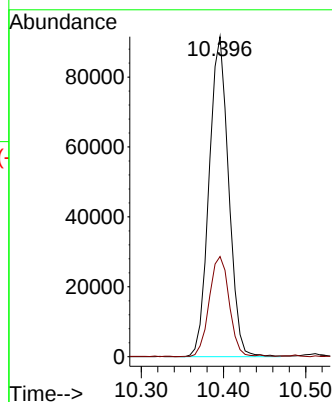
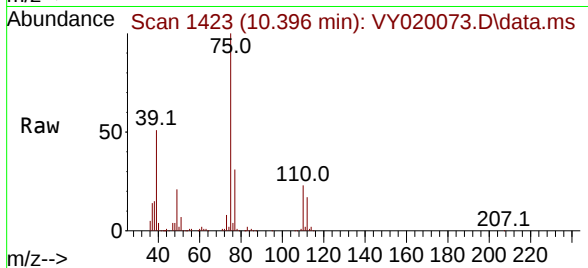




#53  
 t-1,3-Dichloropropene  
 Concen: 51.551 ug/l  
 RT: 10.396 min Scan# 1422  
 Delta R.T. 0.000 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

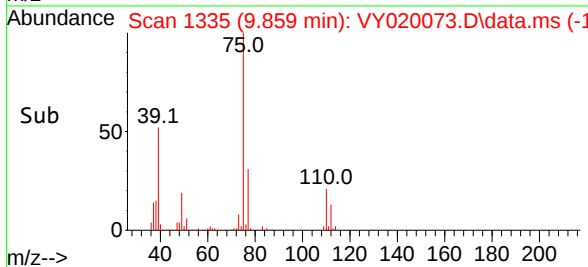
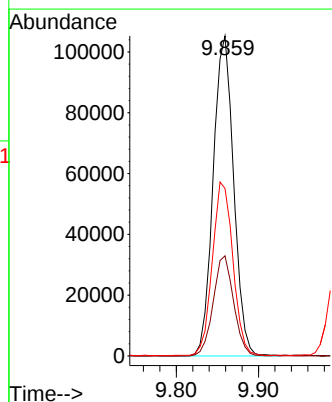
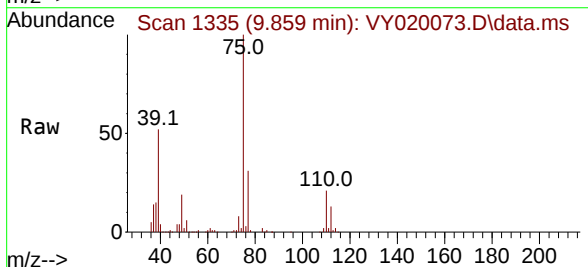
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

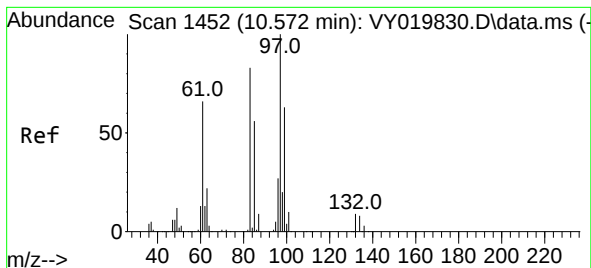
Tgt Ion: 75 Resp: 151215  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.643 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. 0.000 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

Tgt Ion: 75 Resp: 182207  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.4 38.0  
 39 52.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 55.353 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

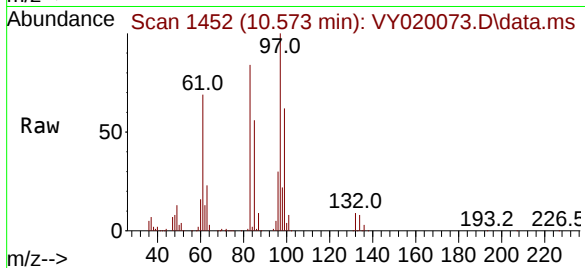
Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 89572

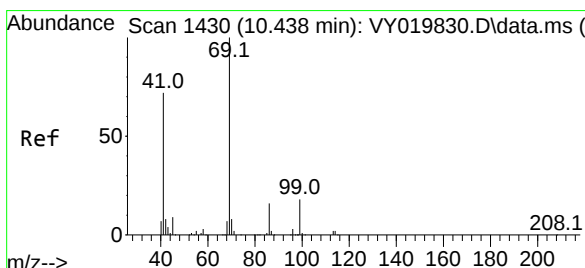
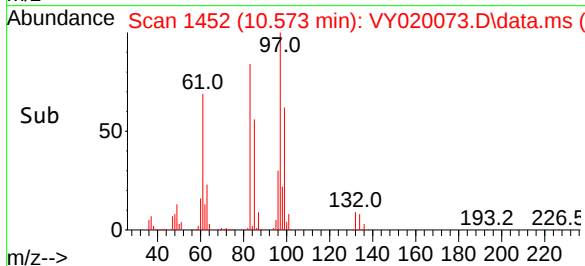
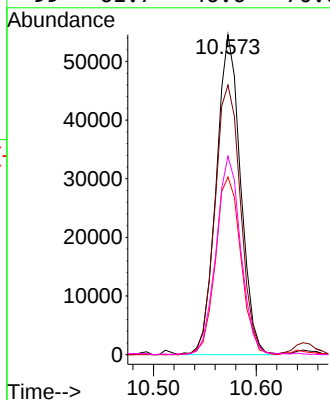
Ion Ratio Lower Upper

97 100

83 84.2 67.5 101.3

85 55.5 42.9 64.3

99 61.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.178 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

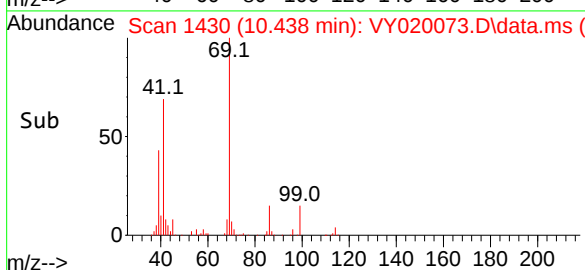
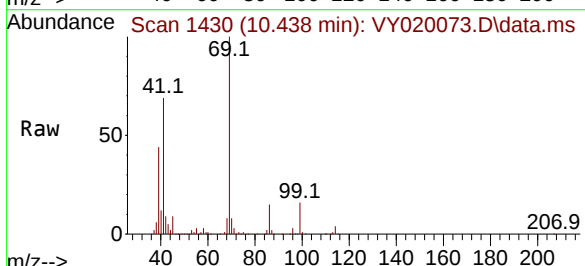
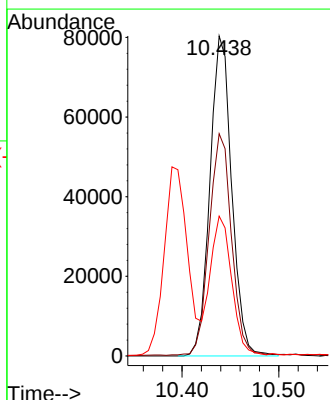
Tgt Ion: 69 Resp: 125799

Ion Ratio Lower Upper

69 100

41 71.2 42.3 63.5#

39 42.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 55.777 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

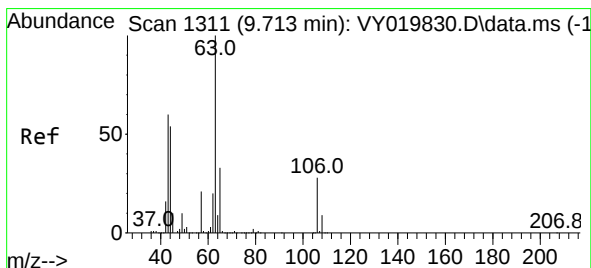
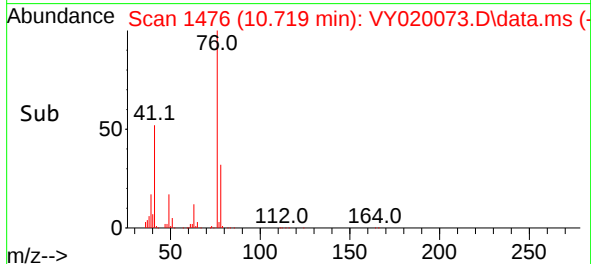
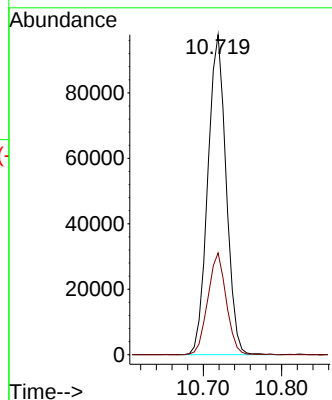
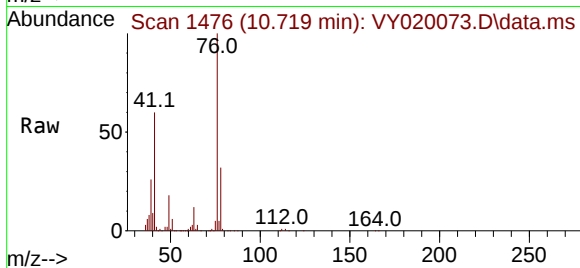
ClientSampleId :

Tgt Ion: 76 Resp: 158507

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 309.760 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020073.D

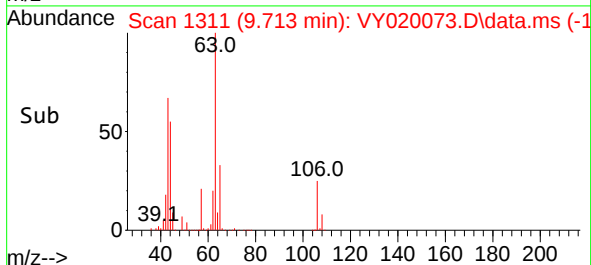
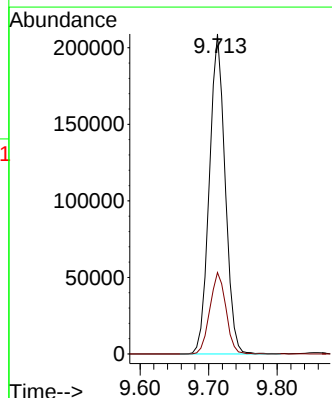
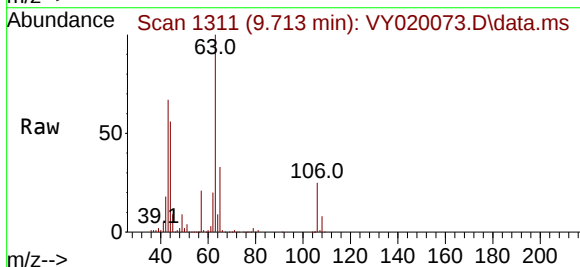
Acq: 29 Oct 2024 19:51

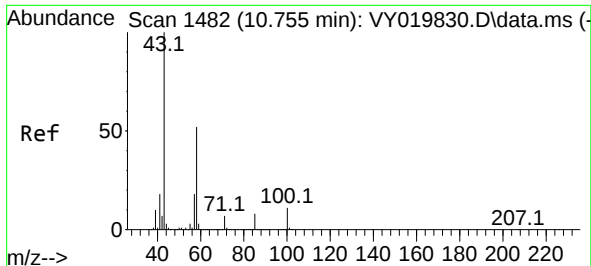
Tgt Ion: 63 Resp: 334832

Ion Ratio Lower Upper

63 100

106 25.8 23.7 35.5





#59

2-Hexanone

Concen: 269.620 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

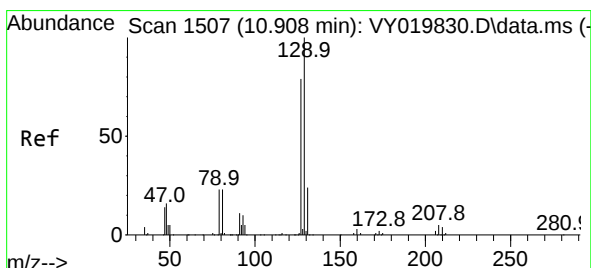
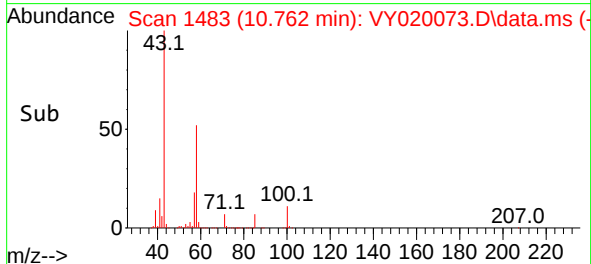
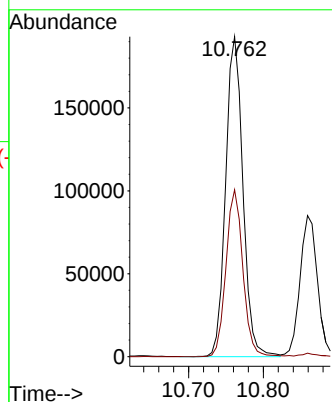
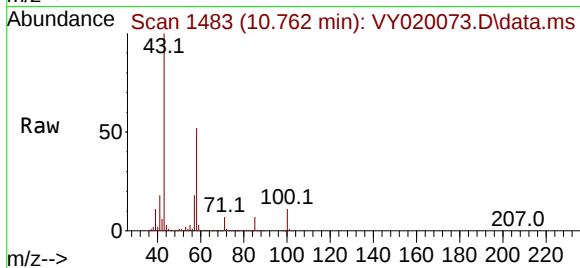
ClientSampleId :

Tgt Ion: 43 Resp: 309988

Ion Ratio Lower Upper

43 100

58 51.1 31.4 94.0



#60

Dibromochloromethane

Concen: 54.690 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY020073.D

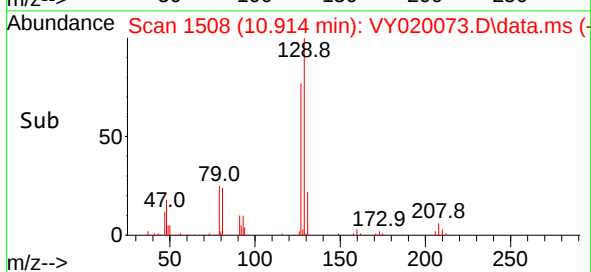
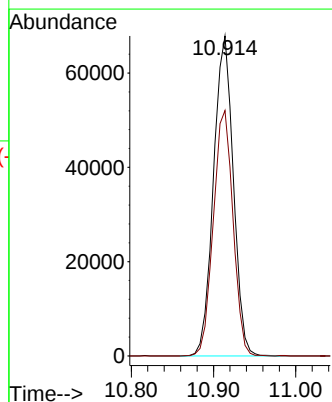
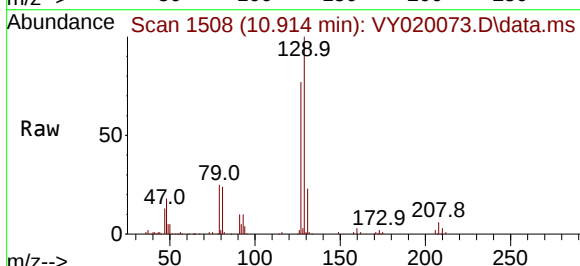
Acq: 29 Oct 2024 19:51

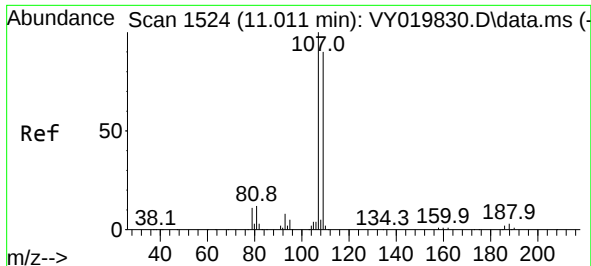
Tgt Ion: 129 Resp: 113590

Ion Ratio Lower Upper

129 100

127 76.1 39.0 117.0

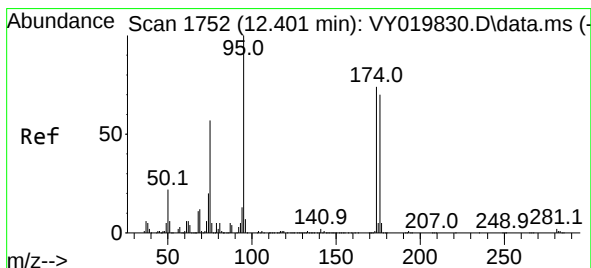
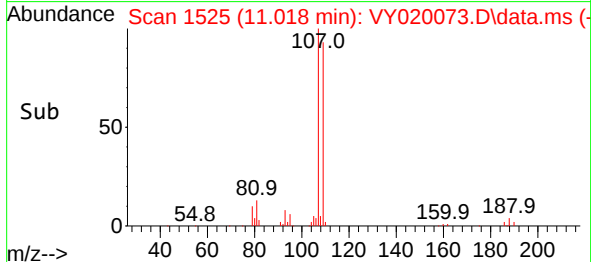
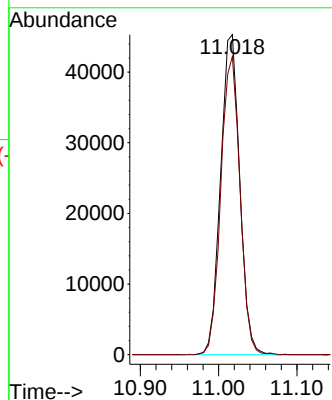
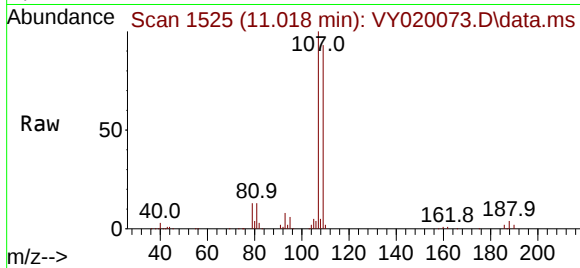




#61  
1,2-Dibromoethane  
Concen: 52.777 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

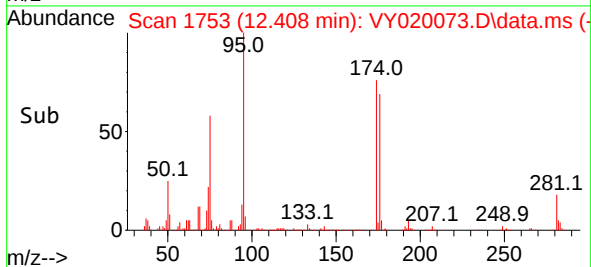
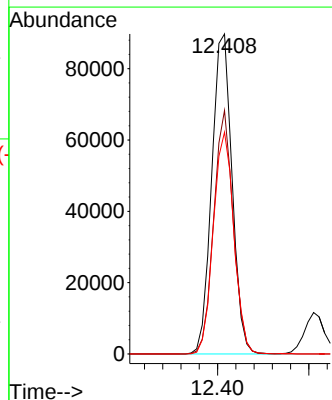
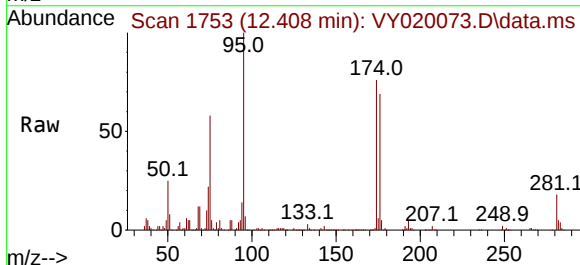
Instrument :  
MSVOA\_Y  
ClientSampleId :

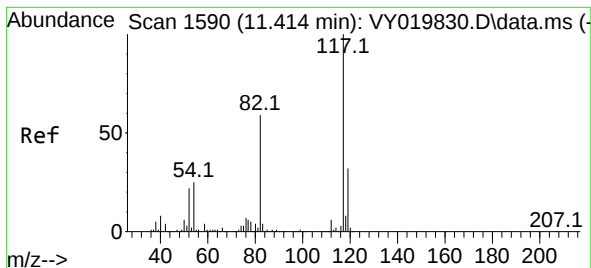
Tgt Ion:107 Resp: 77175  
Ion Ratio Lower Upper  
107 100  
109 92.9 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 50.528 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

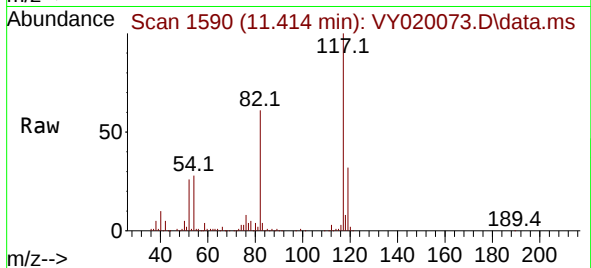
Tgt Ion: 95 Resp: 138885  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 175.6  
176 70.1 0.0 171.4



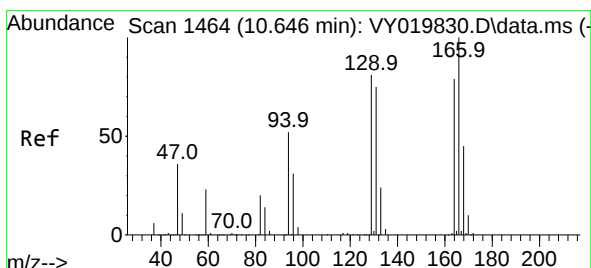
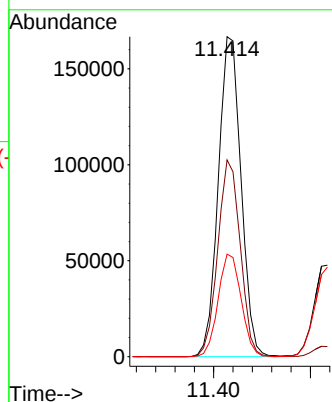
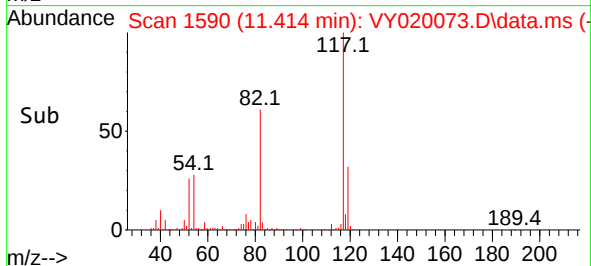


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

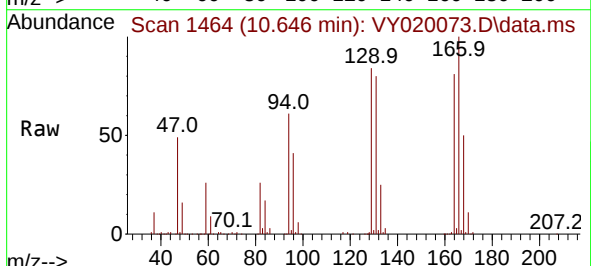
Instrument :  
MSVOA\_Y  
ClientSampleId :



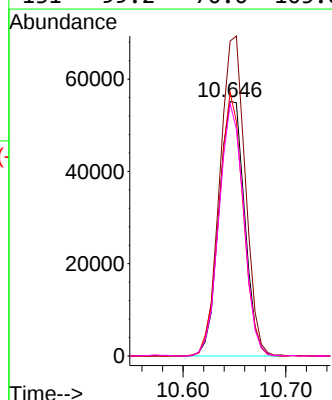
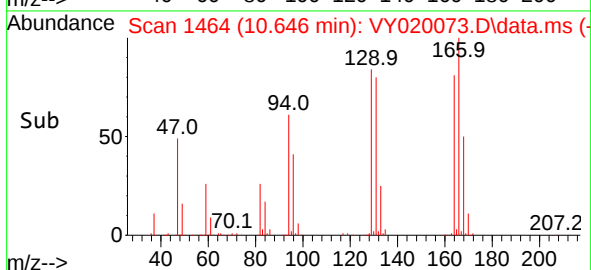
Tgt Ion:117 Resp: 272456  
Ion Ratio Lower Upper  
117 100  
82 61.5 42.4 63.6  
119 32.1 25.9 38.9

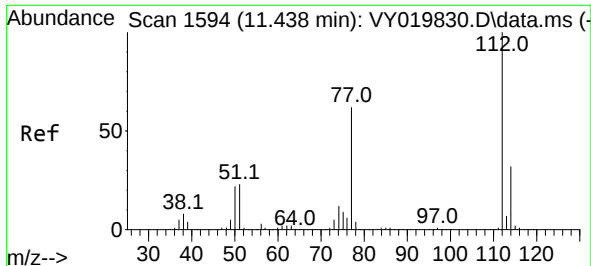


#64  
Tetrachloroethene  
Concen: 49.138 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51



Tgt Ion:164 Resp: 95227  
Ion Ratio Lower Upper  
164 100  
166 123.8 102.6 154.0  
129 103.5 72.0 108.0  
131 99.2 70.0 105.0

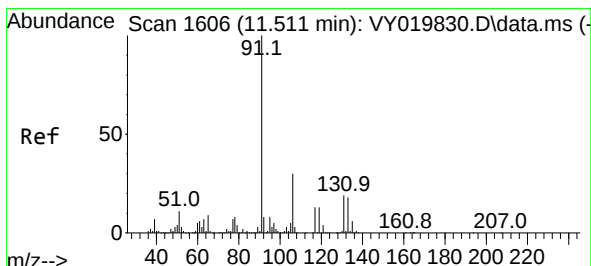
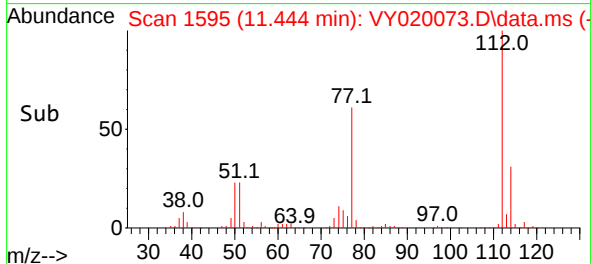
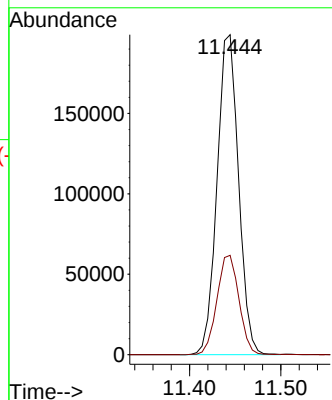
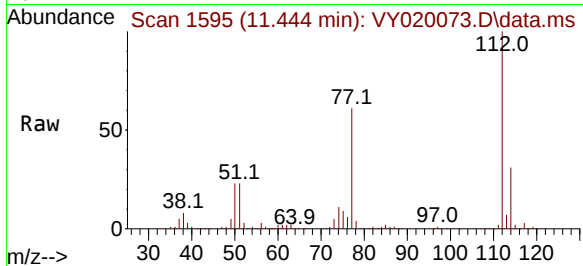




#65  
Chlorobenzene  
Concen: 52.178 ug/l  
RT: 11.444 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

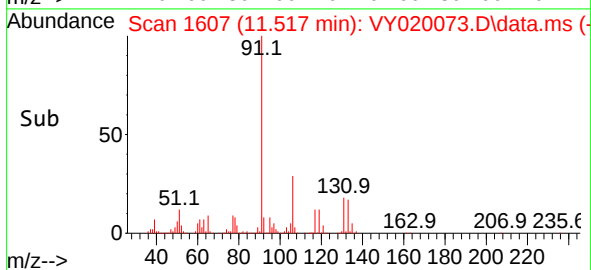
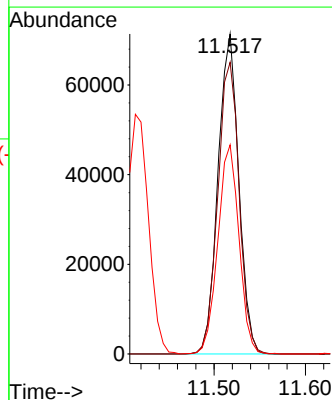
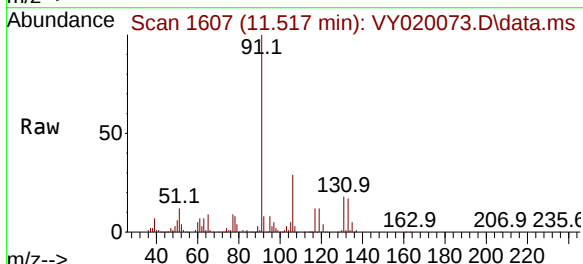
Instrument :  
MSVOA\_Y  
ClientSampleId :

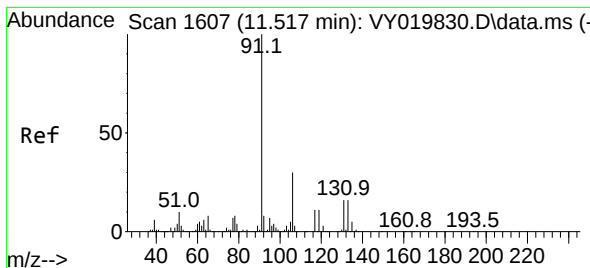
Tgt Ion:112 Resp: 325160  
Ion Ratio Lower Upper  
112 100  
114 31.1 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.343 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion:131 Resp: 112469  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.8 143.3  
119 66.7 34.1 102.2





#67

Ethyl Benzene

Concen: 52.199 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

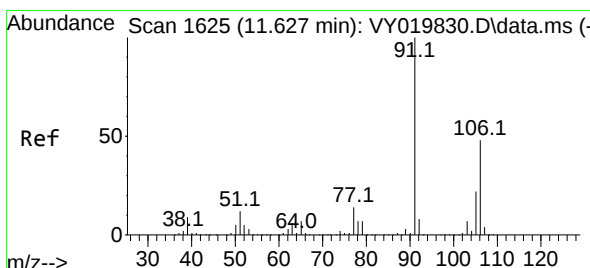
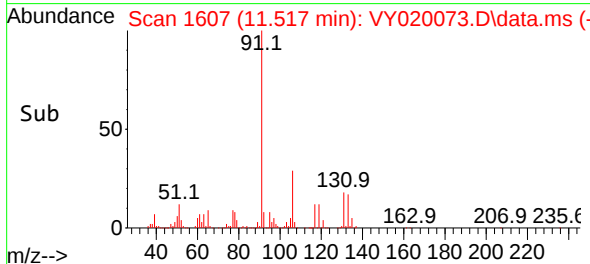
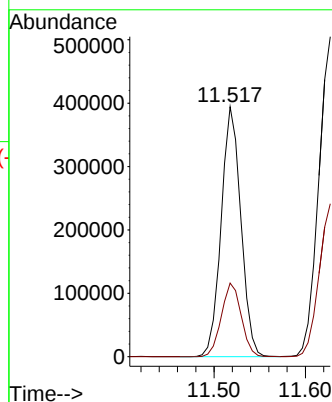
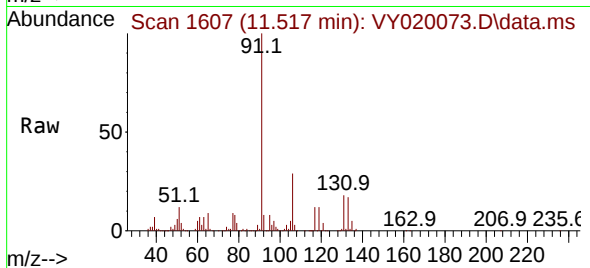
ClientSampleId :

Tgt Ion: 91 Resp: 590900

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7



#68

m/p-Xylenes

Concen: 103.397 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020073.D

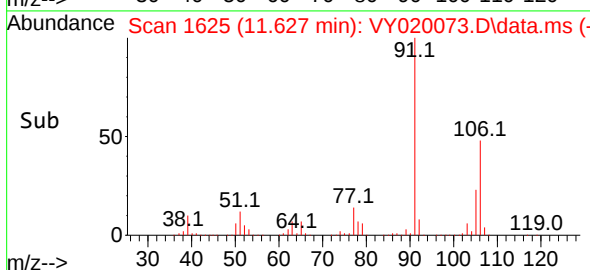
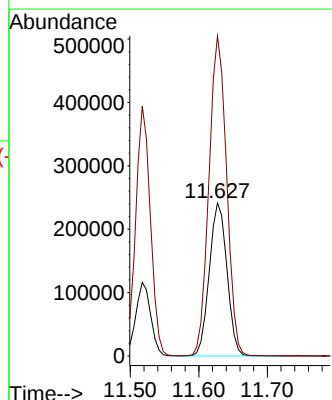
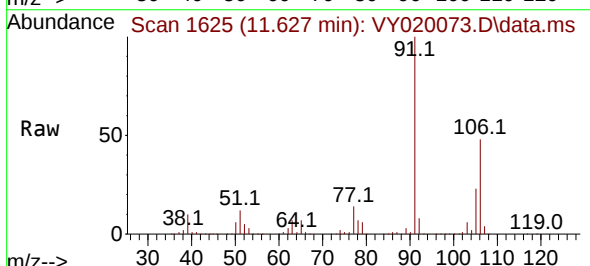
Acq: 29 Oct 2024 19:51

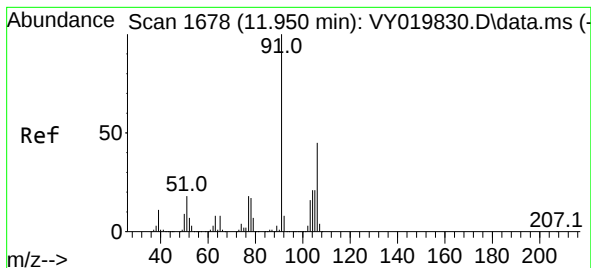
Tgt Ion:106 Resp: 432279

Ion Ratio Lower Upper

106 100

91 209.3 156.0 234.0

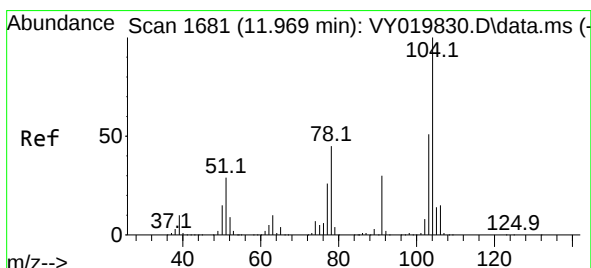
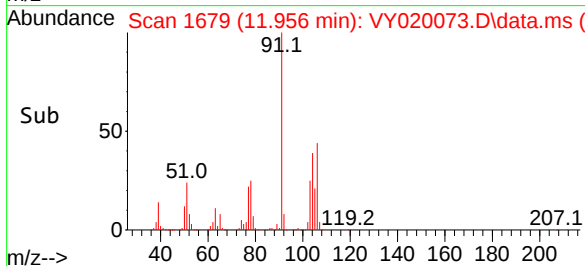
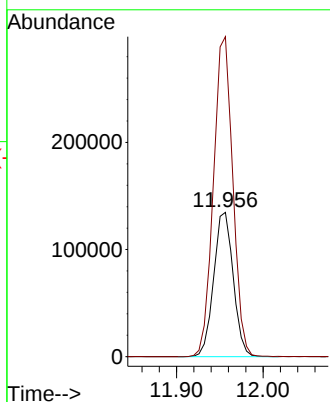
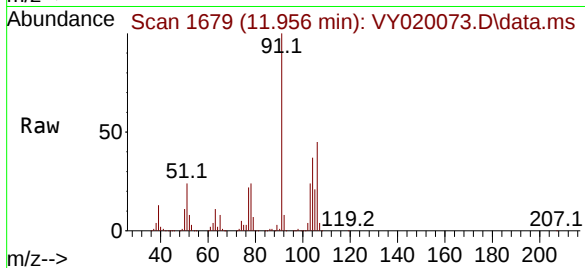




#69  
o-Xylene  
Concen: 52.566 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

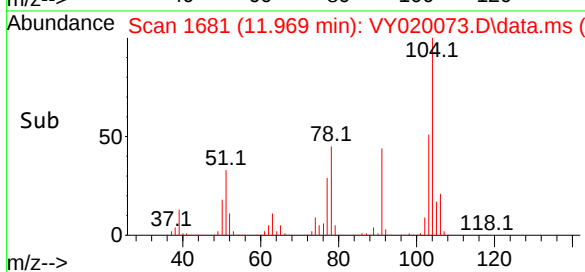
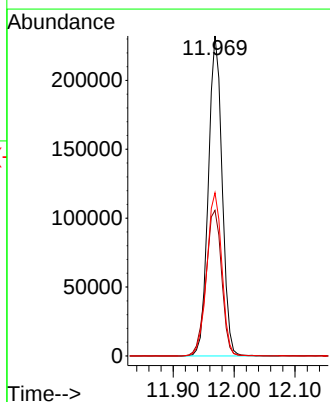
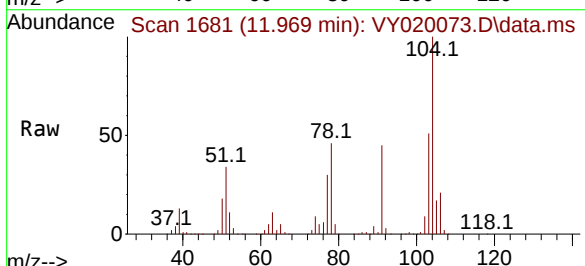
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:106 Resp: 211152  
Ion Ratio Lower Upper  
106 100  
91 220.0 103.6 310.8



#70  
Styrene  
Concen: 53.855 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion:104 Resp: 364980  
Ion Ratio Lower Upper  
104 100  
78 51.9 37.0 55.4  
103 55.4 44.2 66.2





#71

Bromoform

Concen: 53.135 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :

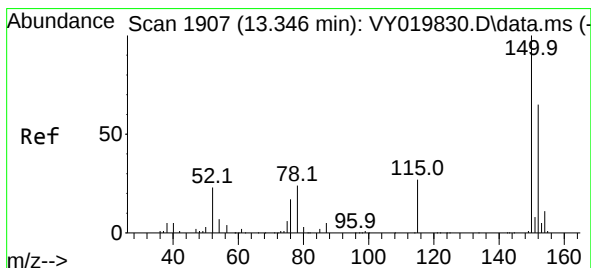
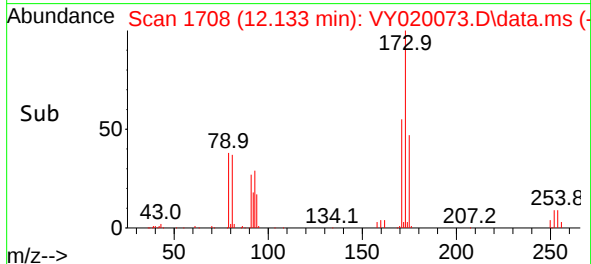
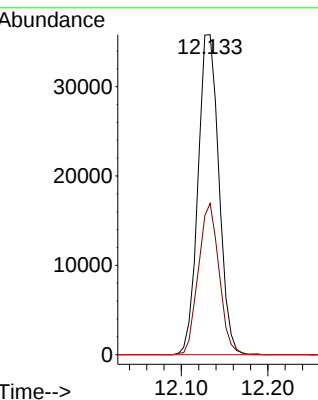
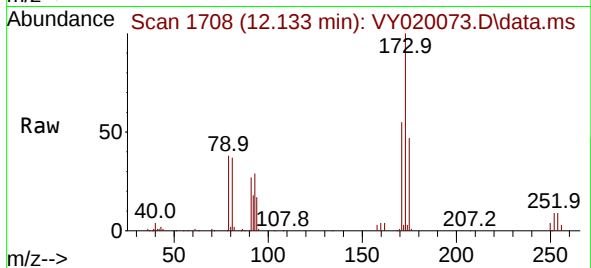
Tgt Ion:173 Resp: 59973

Ion Ratio Lower Upper

173 100

175 46.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

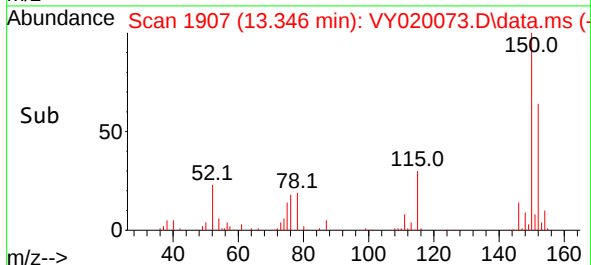
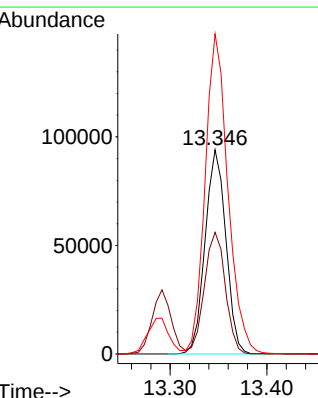
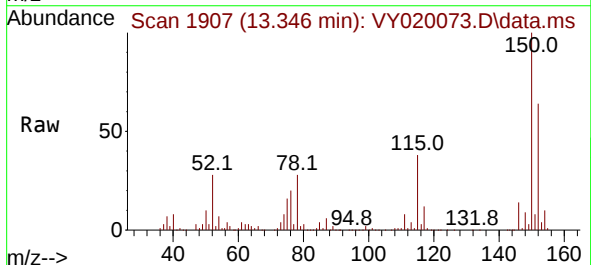
Tgt Ion:152 Resp: 140296

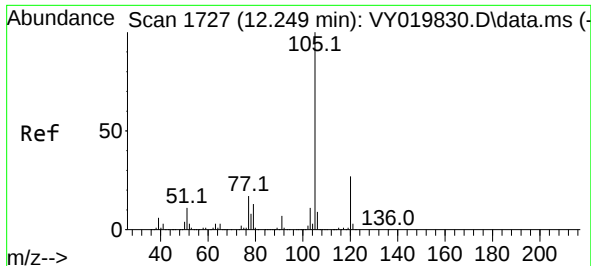
Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 171.3 0.0 345.6

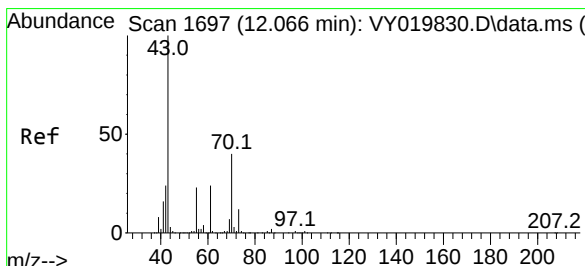
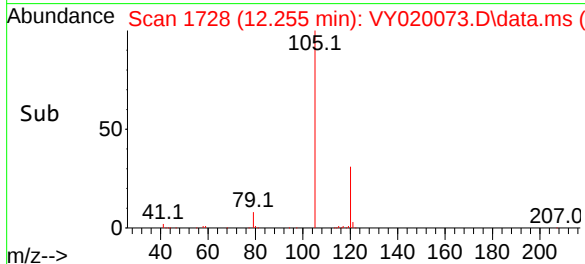
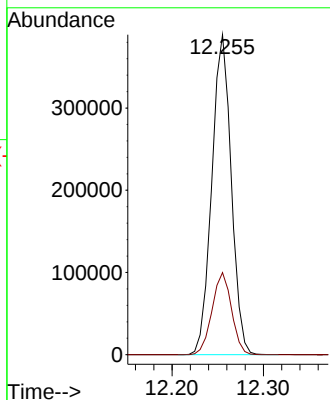
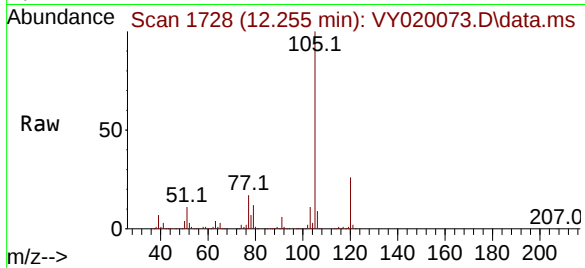




#73  
Isopropylbenzene  
Concen: 48.654 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

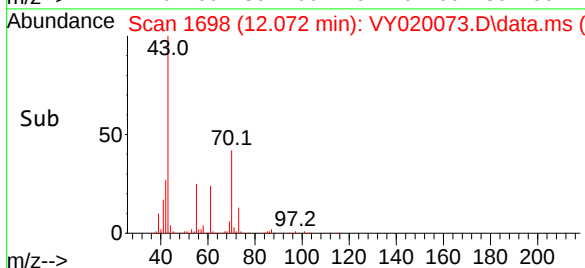
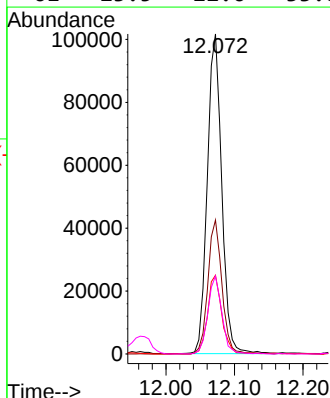
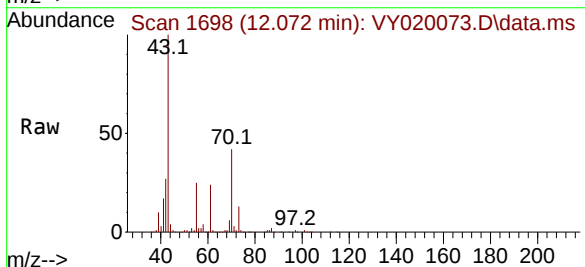
Instrument :  
MSVOA\_Y  
ClientSampleId :

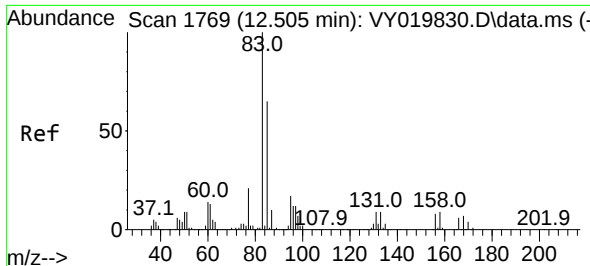
Tgt Ion:105 Resp: 574147  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.4 40.1



#74  
N-ethyl acetate  
Concen: 47.584 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 43 Resp: 148725  
Ion Ratio Lower Upper  
43 100  
70 40.9 41.4 62.2#  
55 24.3 23.3 34.9  
61 23.5 22.6 33.8

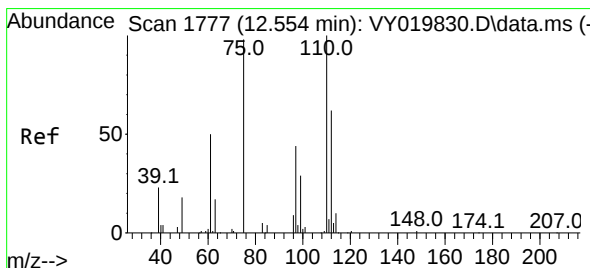
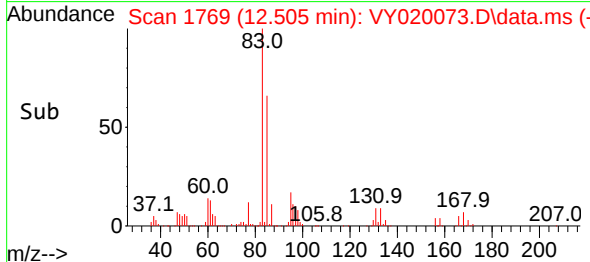
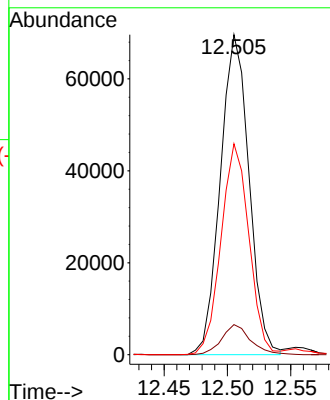
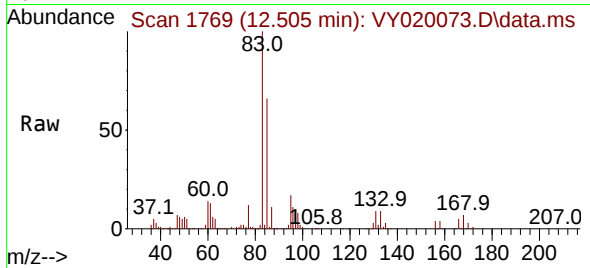




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 52.394 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.006 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

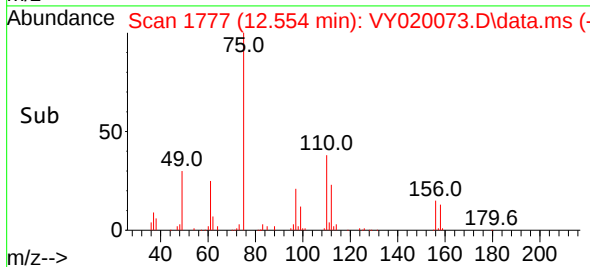
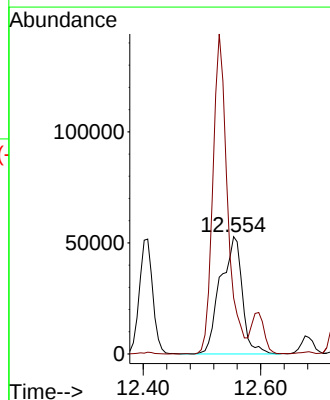
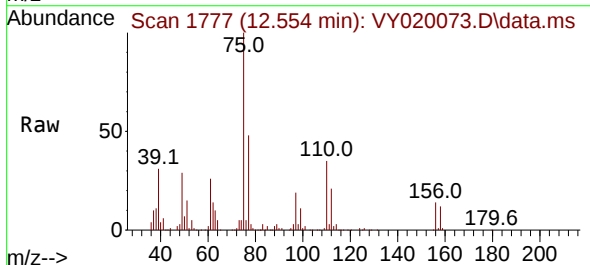
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

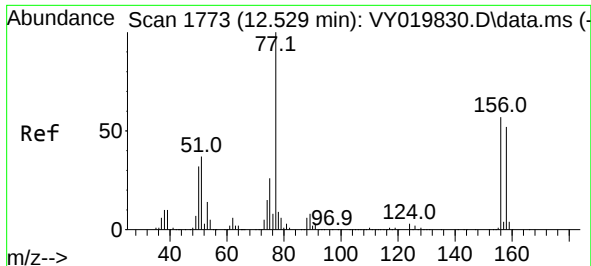
Tgt Ion: 83 Resp: 109862  
 Ion Ratio Lower Upper  
 83 100  
 131 9.4 5.0 14.9  
 85 64.2 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 49.608 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.006 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

Tgt Ion: 75 Resp: 136343  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

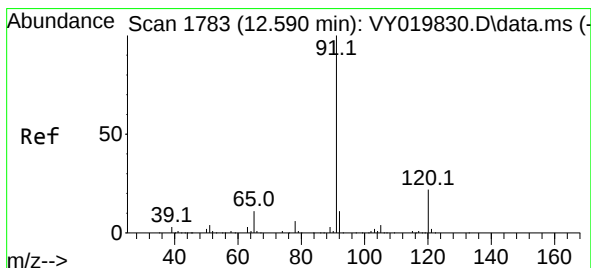
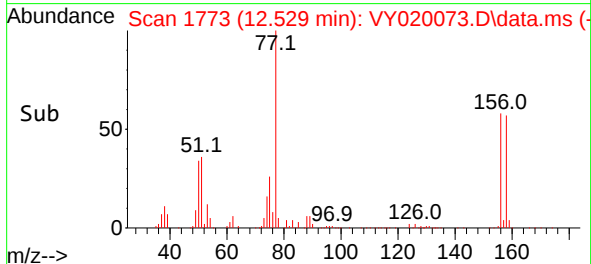
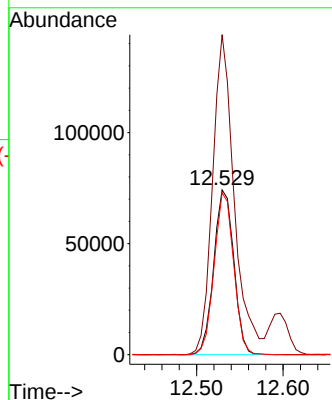
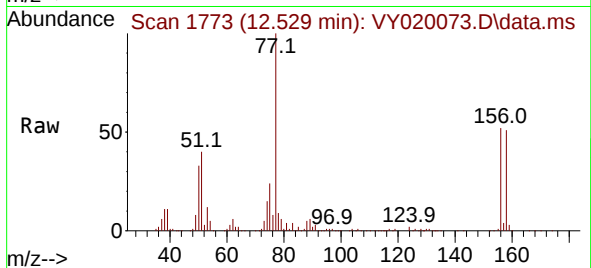




#77  
Bromobenzene  
Concen: 47.756 ug/l  
RT: 12.529 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

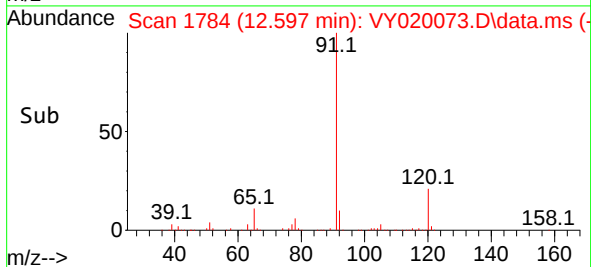
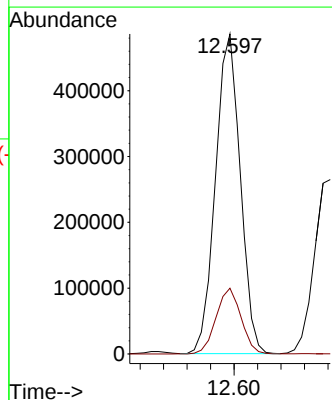
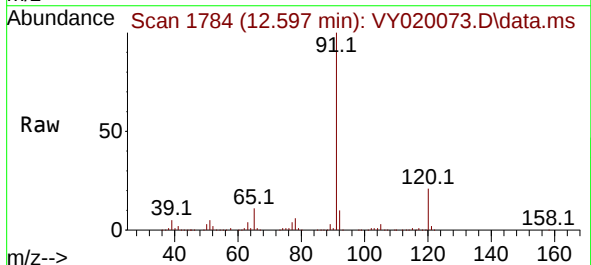
Instrument :  
MSVOA\_Y  
ClientSampleId :

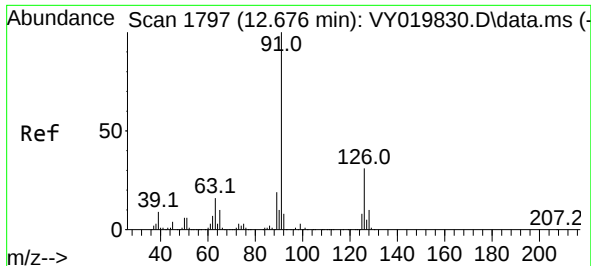
Tgt Ion:156 Resp: 119590  
Ion Ratio Lower Upper  
156 100  
77 207.7 87.1 261.3  
158 95.5 48.6 145.9



#78  
n-propylbenzene  
Concen: 49.913 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 91 Resp: 711716  
Ion Ratio Lower Upper  
91 100  
120 20.7 11.5 34.4

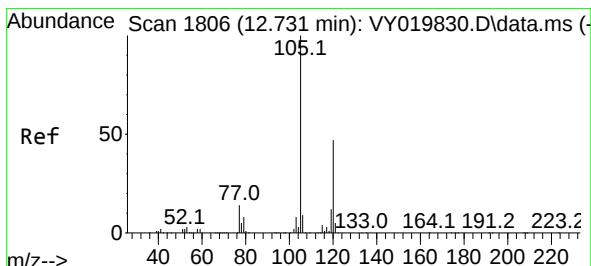
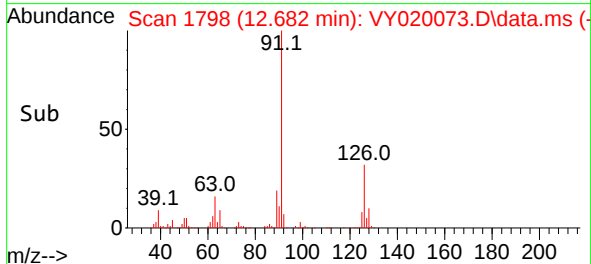
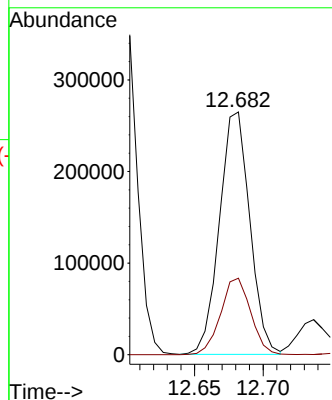
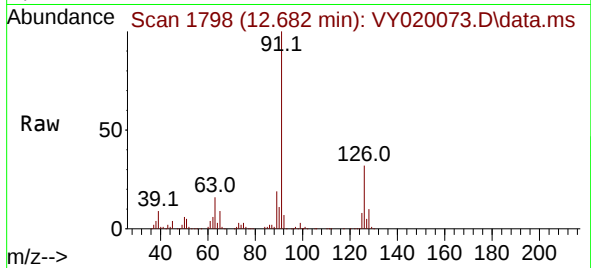




#79  
2-Chlorotoluene  
Concen: 49.991 ug/l  
RT: 12.682 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

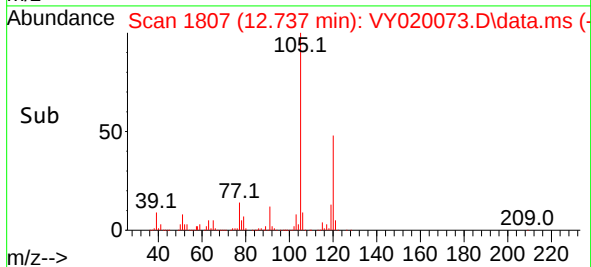
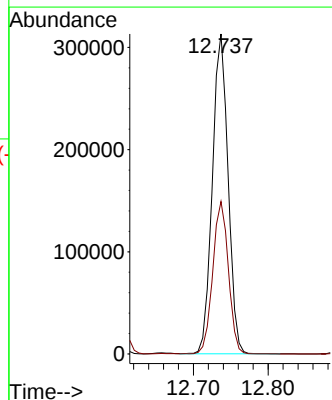
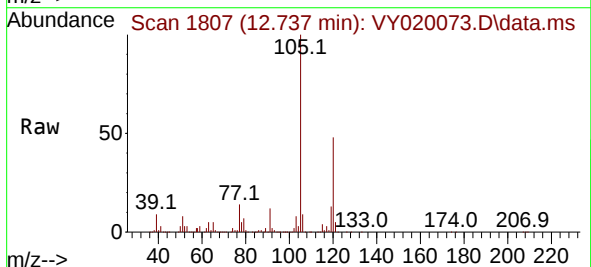
Instrument :  
MSVOA\_Y  
ClientSampleId :

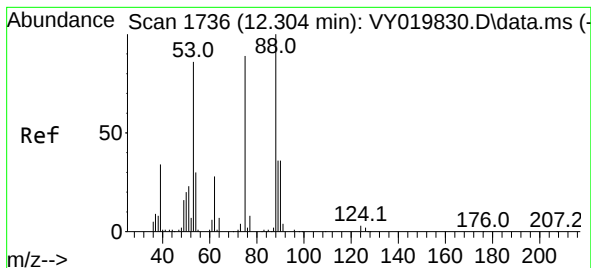
Tgt Ion: 91 Resp: 408657  
Ion Ratio Lower Upper  
91 100  
126 31.2 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 47.969 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 105 Resp: 457153  
Ion Ratio Lower Upper  
105 100  
120 47.5 25.1 75.2

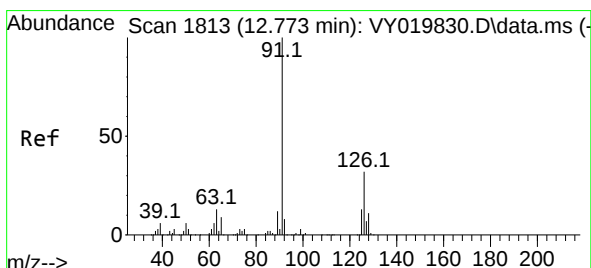
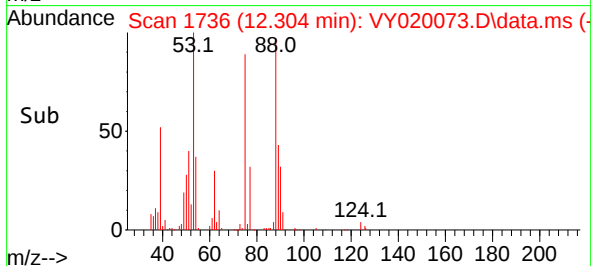
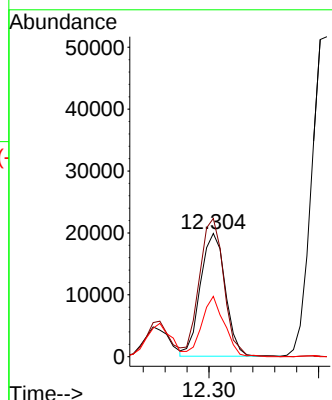
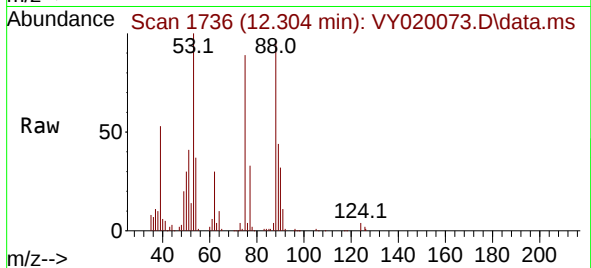




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.023 ug/l  
RT: 12.304 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

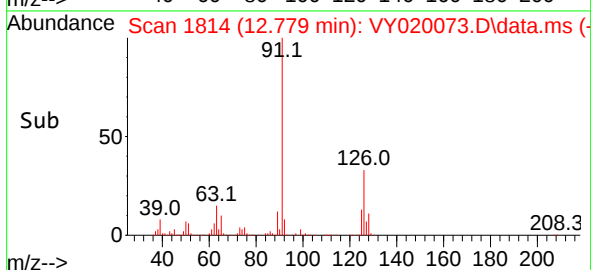
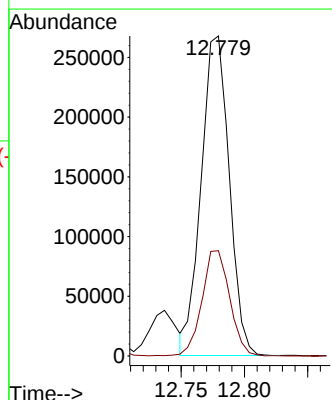
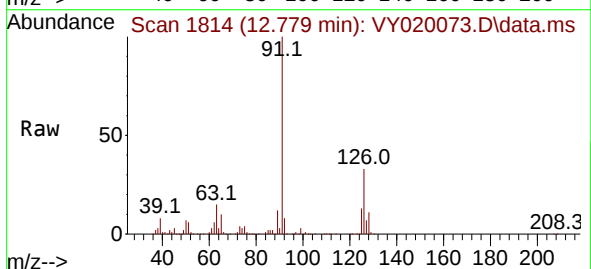
Instrument :  
MSVOA\_Y  
ClientSampleId :

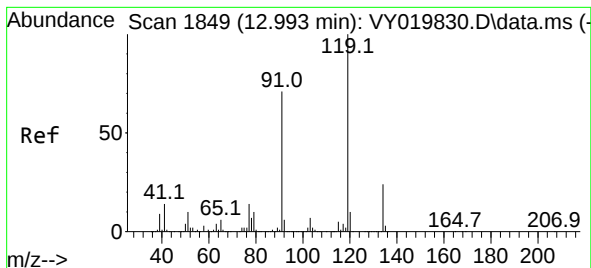
Tgt Ion: 75 Resp: 31337  
Ion Ratio Lower Upper  
75 100  
53 111.0 66.8 100.2#  
89 45.2 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 49.457 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 91 Resp: 413391  
Ion Ratio Lower Upper  
91 100  
126 32.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.400 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :

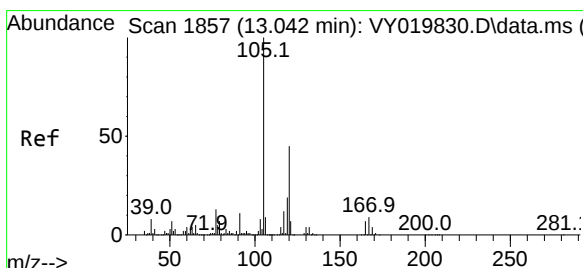
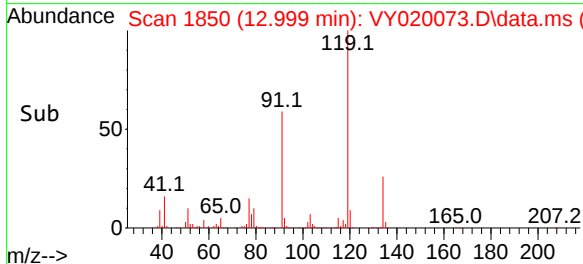
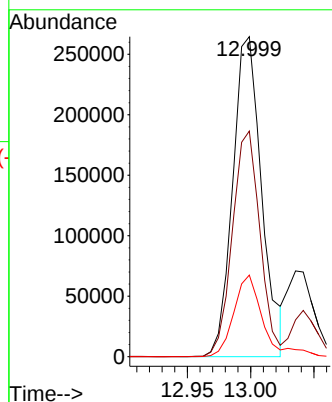
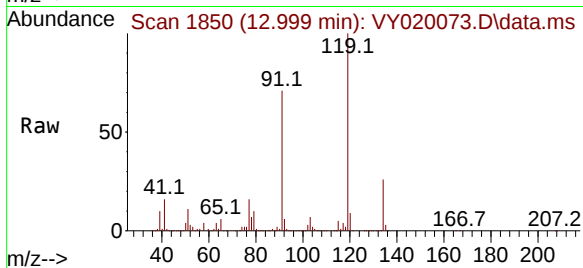
Tgt Ion:119 Resp: 421757

Ion Ratio Lower Upper

119 100

91 67.2 31.3 93.8

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.920 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020073.D

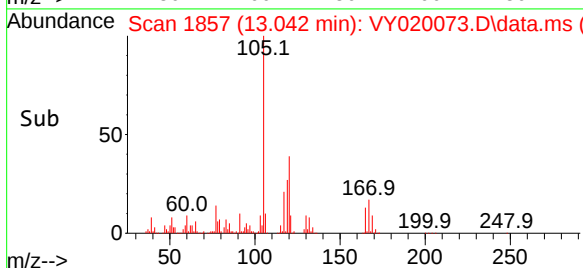
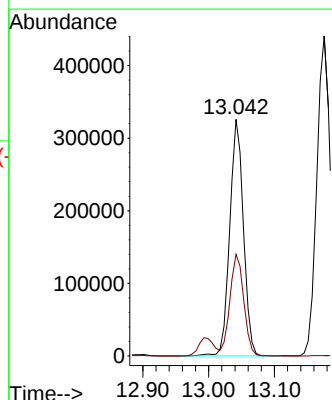
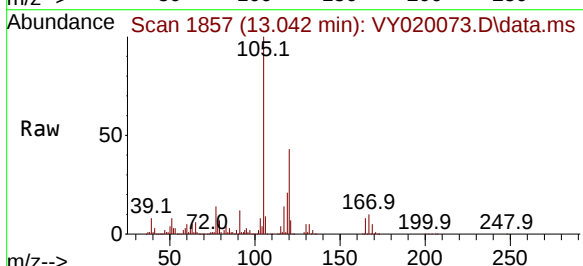
Acq: 29 Oct 2024 19:51

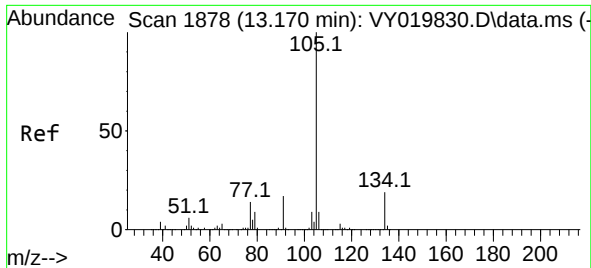
Tgt Ion:105 Resp: 471677

Ion Ratio Lower Upper

105 100

120 43.2 23.2 69.6

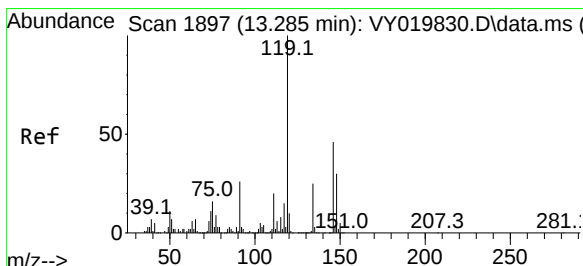
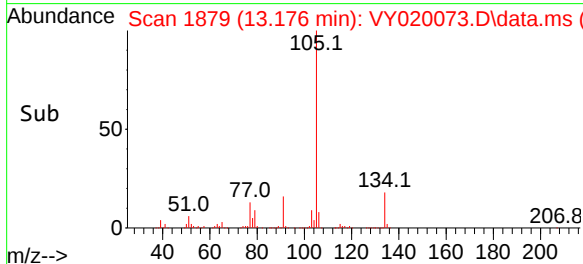
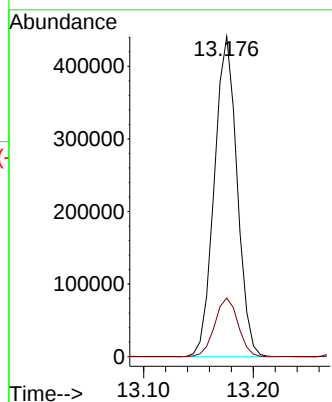
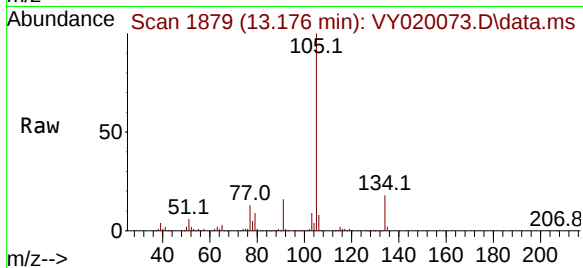




#85  
 sec-Butylbenzene  
 Concen: 49.866 ug/l  
 RT: 13.176 min Scan# 1878  
 Delta R.T. 0.000 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

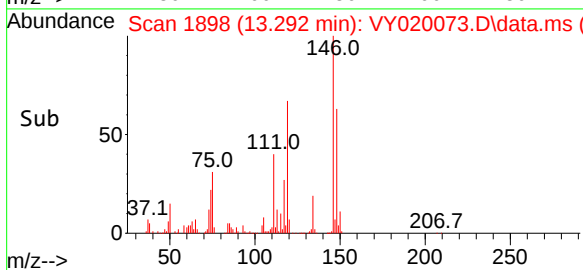
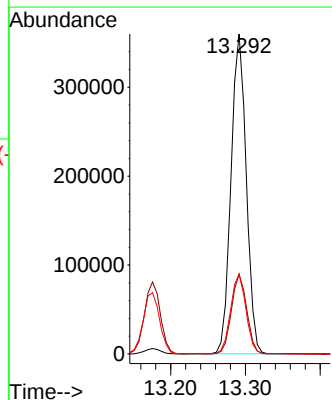
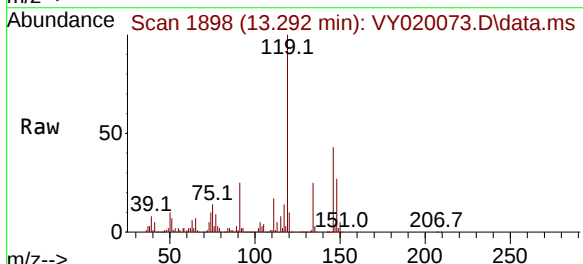
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:105 Resp: 636079  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 49.121 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. 0.000 min  
 Lab File: VY020073.D  
 Acq: 29 Oct 2024 19:51

Tgt Ion:119 Resp: 508796  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 13.1 39.3  
 91 25.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.682 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :

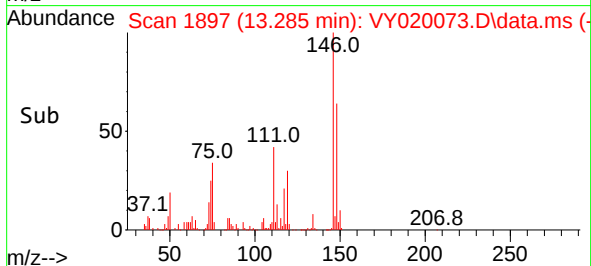
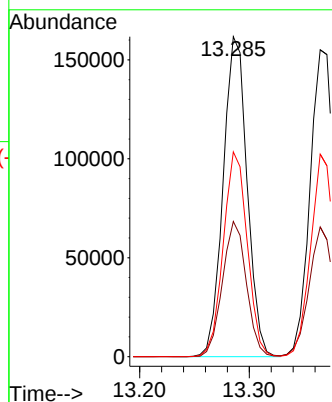
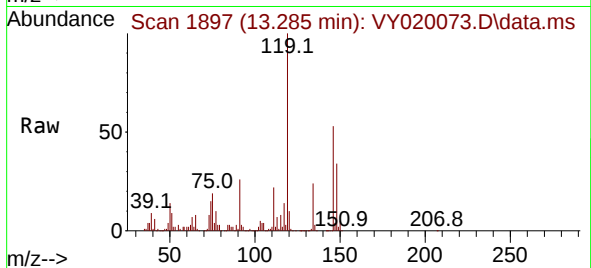
Tgt Ion:146 Resp: 246187

Ion Ratio Lower Upper

146 100

111 42.1 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.017 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

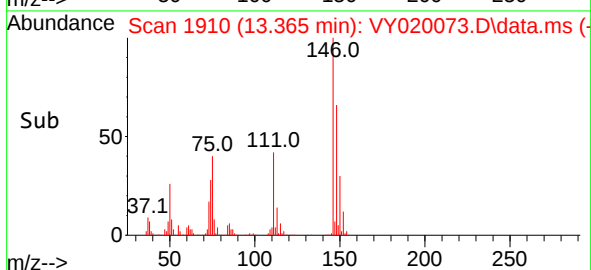
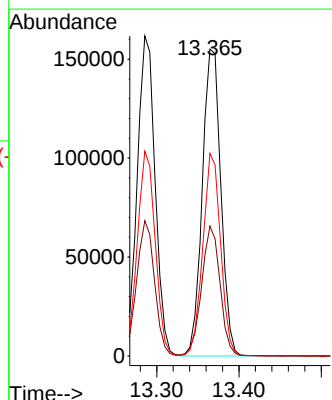
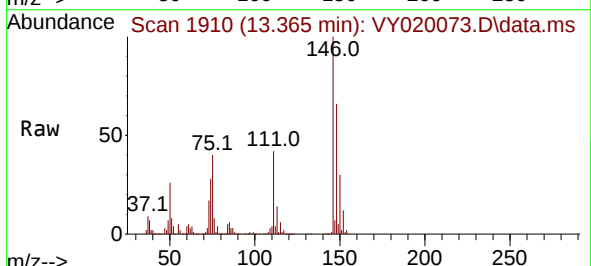
Tgt Ion:146 Resp: 243521

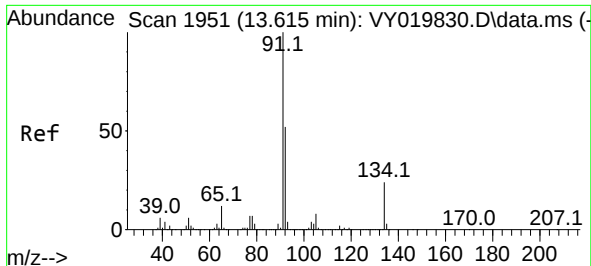
Ion Ratio Lower Upper

146 100

111 42.1 18.4 55.4

148 63.1 32.4 97.2

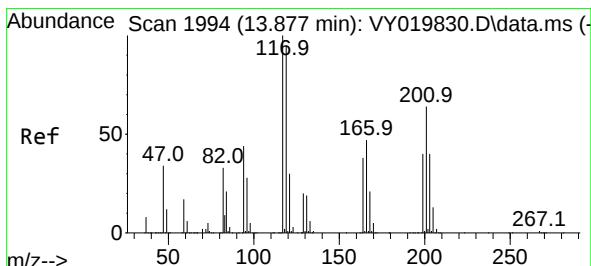
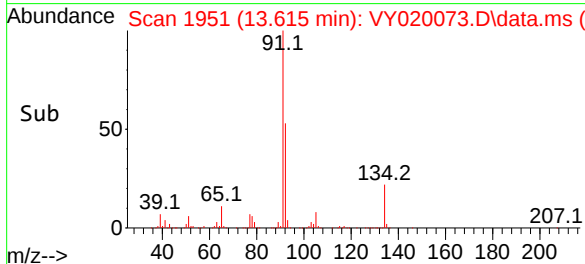
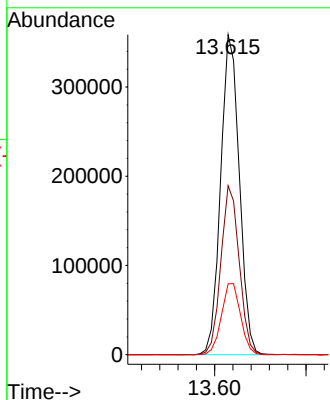
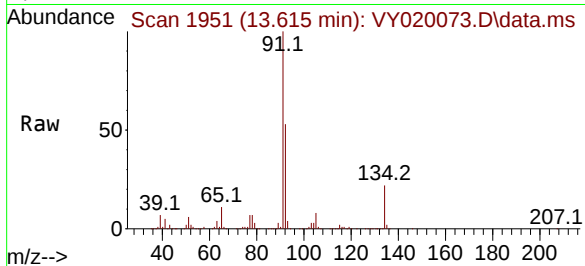




#89  
n-Butylbenzene  
Concen: 50.404 ug/l  
RT: 13.615 min Scan# 1951  
Delta R.T. -0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

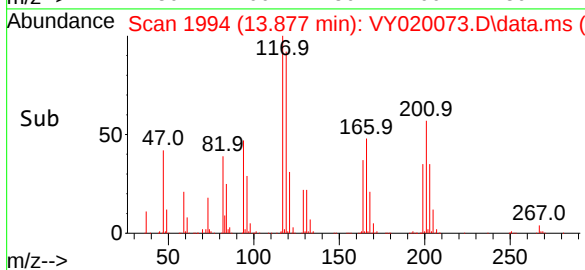
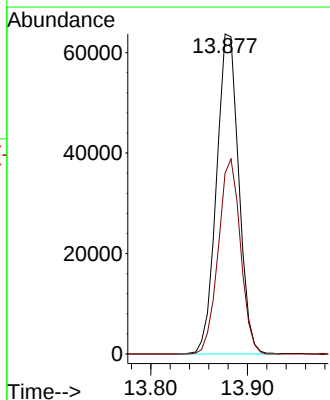
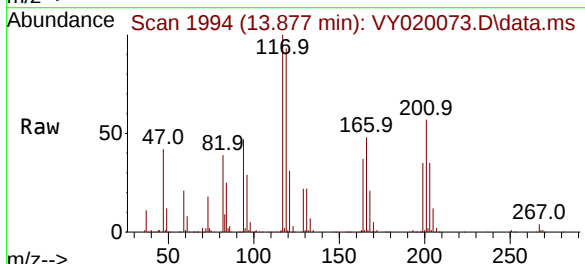
Instrument :  
MSVOA\_Y  
ClientSampleId :

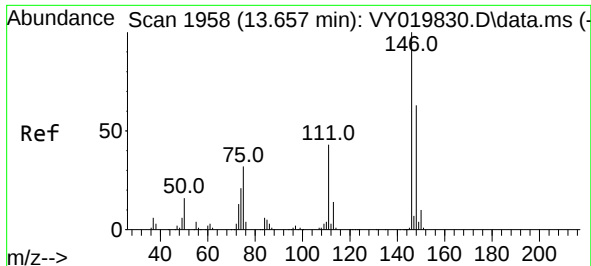
Tgt Ion: 91 Resp: 509786  
Ion Ratio Lower Upper  
91 100  
92 51.8 26.6 79.7  
134 22.8 12.9 38.7



#90  
Hexachloroethane  
Concen: 50.376 ug/l  
RT: 13.877 min Scan# 1994  
Delta R.T. -0.006 min  
Lab File: VY020073.D  
Acq: 29 Oct 2024 19:51

Tgt Ion: 117 Resp: 101604  
Ion Ratio Lower Upper  
117 100  
201 60.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.006 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :

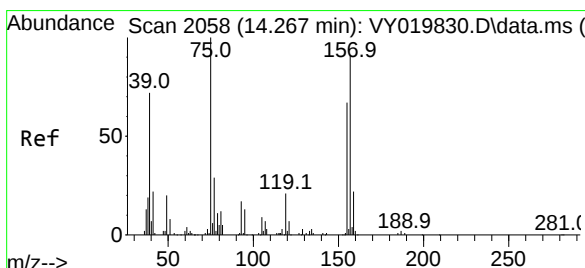
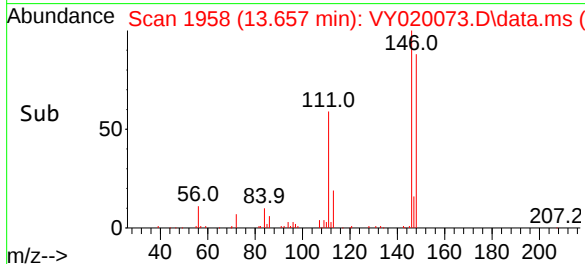
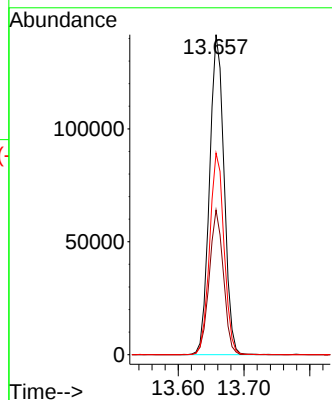
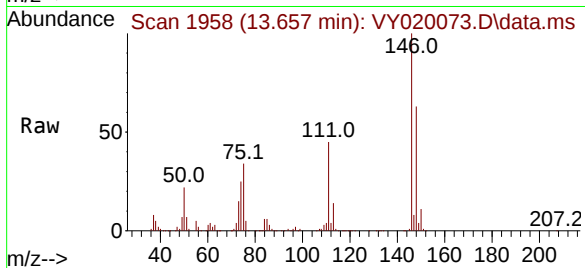
Tgt Ion:146 Resp: 217758

Ion Ratio Lower Upper

146 100

111 44.0 19.9 59.7

148 62.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.501 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

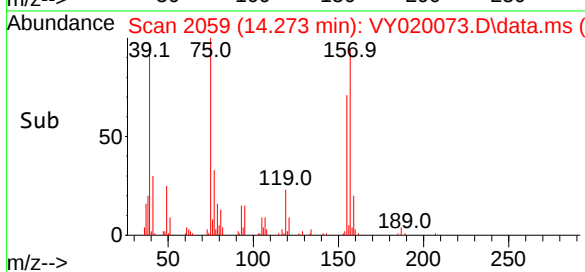
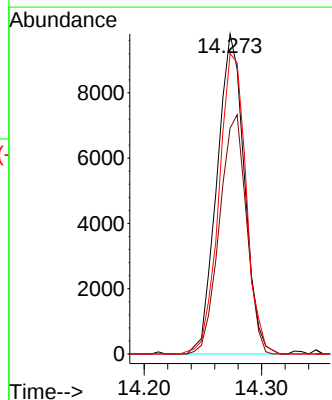
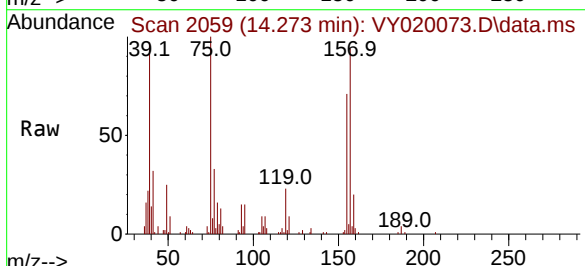
Tgt Ion: 75 Resp: 15896

Ion Ratio Lower Upper

75 100

155 73.3 48.6 145.8

157 92.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.209 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

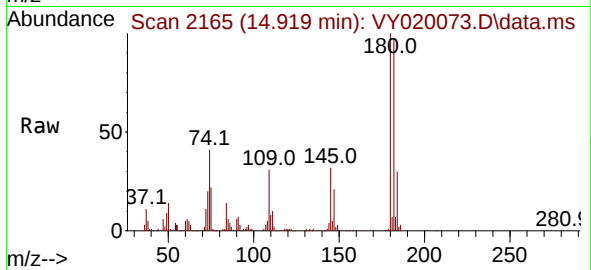
Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :



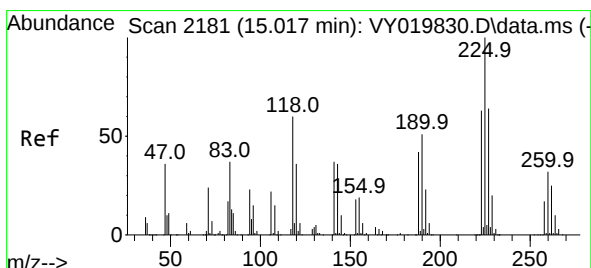
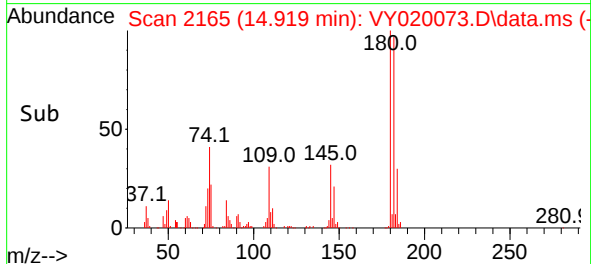
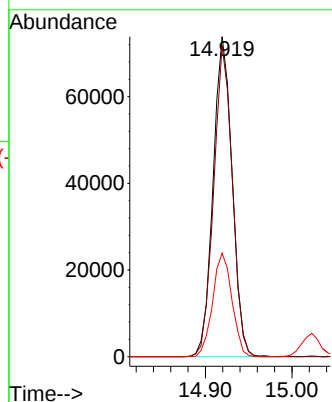
Tgt Ion:180 Resp: 112641

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 32.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.014 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

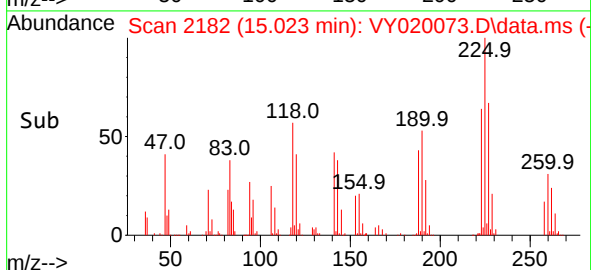
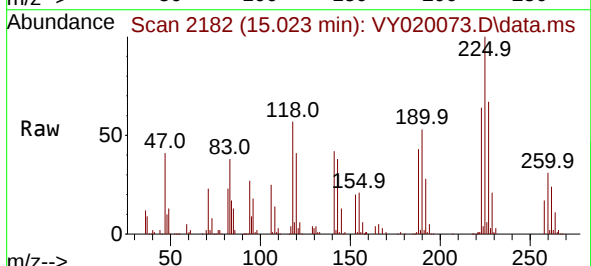
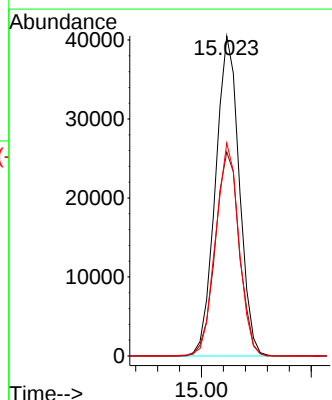
Tgt Ion:225 Resp: 60969

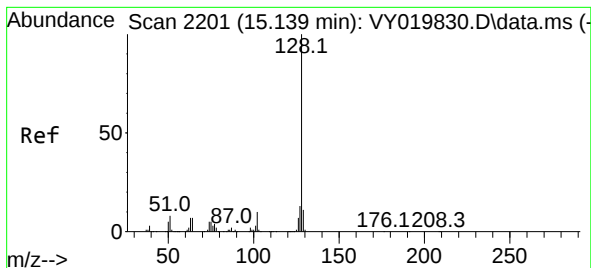
Ion Ratio Lower Upper

225 100

223 64.6 30.4 91.2

227 65.0 31.9 95.9





#95

Naphthalene

Concen: 47.646 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Instrument :

MSVOA\_Y

ClientSampleId :

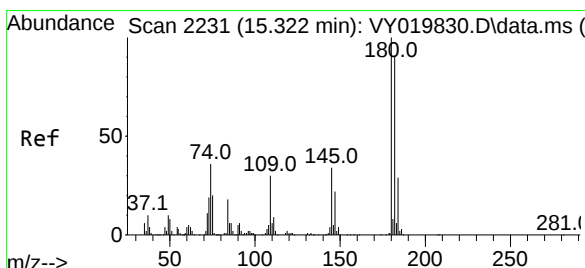
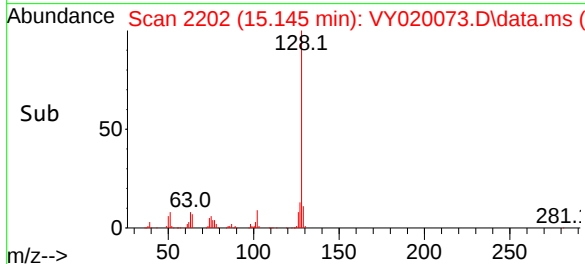
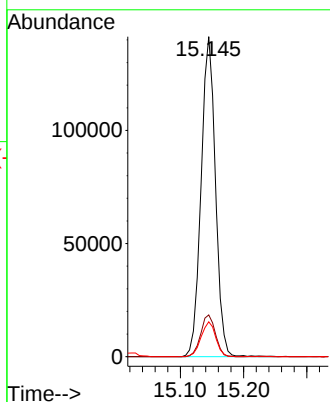
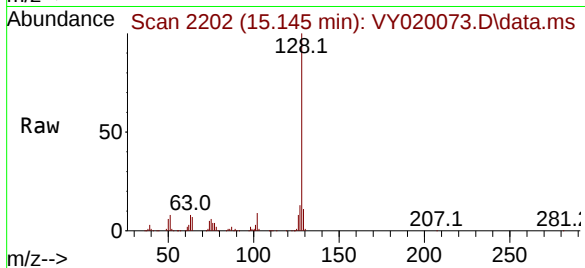
Tgt Ion:128 Resp: 223904

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.295 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020073.D

Acq: 29 Oct 2024 19:51

Tgt Ion:180 Resp: 95401

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 33.8 15.4 46.1

