

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040125\  
 Data File : VY021731.D  
 Acq On : 01 Apr 2025 10:13  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Apr 02 03:21:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032725S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 28 02:30:29 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 267136   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.615  | 114  | 417982   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 368359   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 185609   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.055  | 65    | 136075   | 47.014   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 94.020%  |
| 35) Dibromofluoromethane    | 7.628  | 113   | 133944   | 49.401   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.800%  |
| 50) Toluene-d8              | 10.103 | 98    | 513066   | 49.740   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 99.480%  |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 176122   | 50.479   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 100.960% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 134416  | 48.547  | ug/l   | 99  |
| 3) Chloromethane             | 2.068 | 50  | 176456  | 45.323  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.202 | 62  | 206500  | 46.900  | ug/l   | 99  |
| 5) Bromomethane              | 2.592 | 94  | 137266  | 45.709  | ug/l   | 96  |
| 6) Chloroethane              | 2.732 | 64  | 132294  | 45.918  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.055 | 101 | 278436  | 49.366  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.452 | 74  | 74100   | 48.310  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 3.811 | 101 | 148970  | 50.077  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.000 | 142 | 170850  | 52.351  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.860 | 59  | 42437   | 225.735 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 140564  | 50.166  | ug/l   | 96  |
| 13) Acrolein                 | 3.647 | 56  | 48810   | 142.192 | ug/l   | 100 |
| 14) Allyl chloride           | 4.378 | 41  | 218387  | 48.883  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.049 | 53  | 152707  | 238.441 | ug/l   | 99  |
| 16) Acetone                  | 3.866 | 43  | 118444  | 199.954 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.104 | 76  | 446985  | 48.433  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.378 | 43  | 76579   | 52.162  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 352917  | 50.590  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.610 | 84  | 152033  | 52.656  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.110 | 96  | 155717  | 50.474  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.018 | 45  | 466330  | 49.759  | ug/l   | 98  |
| 23) Vinyl Acetate            | 5.957 | 43  | 1338386 | 244.119 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 278076  | 49.622  | ug/l   | 99  |
| 25) 2-Butanone               | 6.890 | 43  | 190328  | 224.955 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 247075  | 49.566  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 178722  | 51.514  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.238 | 49  | 107313  | 45.407  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.256 | 42  | 130067  | 238.865 | ug/l   | 99  |
| 30) Chloroform               | 7.414 | 83  | 290391  | 49.822  | ug/l   | 98  |
| 31) Cyclohexane              | 7.701 | 56  | 244653  | 47.893  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 263084  | 49.940  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 209338  | 50.689  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.975 | 43  | 91307   | 46.847  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 243670  | 51.515  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.109 | 83  | 262352  | 53.177  | ug/l   | 98  |
| 40) Benzene                  | 8.079 | 78  | 622767  | 50.353  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040125\  
 Data File : VY021731.D  
 Acq On : 01 Apr 2025 10:13  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050

Quant Time: Apr 02 03:21:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032725S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 28 02:30:29 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.213  | 41   | 49923    | 48.231   | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.152  | 62   | 170747   | 48.971   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 179833   | 48.688   | ug/l   | 99       |
| 44) Trichloroethene           | 8.859  | 130  | 162593   | 51.597   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 148025   | 50.563   | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 84173    | 49.889   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.420  | 83   | 221026   | 50.556   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.219  | 41   | 84385    | 49.779   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.225  | 88   | 18431    | 1019.727 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 470787   | 244.928  | ug/l   | 100      |
| 52) Toluene                   | 10.170 | 92   | 402014   | 52.098   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.390 | 75   | 200228   | 51.562   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 232150   | 50.675   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 111496   | 51.351   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 147342   | 53.145   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.713 | 76   | 189537   | 50.545   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.707  | 63   | 353396   | 261.293  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.761 | 43   | 310936   | 242.897  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.908 | 129  | 154318   | 52.056   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.011 | 107  | 104915   | 51.510   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.646 | 164  | 171463   | 51.108   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.438 | 112  | 428457   | 50.741   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 154021   | 51.410   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.517 | 91   | 761863   | 52.616   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.627 | 106  | 583007   | 105.148  | ug/l   | 99       |
| 69) o-Xylene                  | 11.956 | 106  | 274181   | 53.570   | ug/l   | 100      |
| 70) Styrene                   | 11.968 | 104  | 466097   | 54.619   | ug/l   | 98       |
| 71) Bromoform                 | 12.133 | 173  | 88511    | 51.793   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.255 | 105  | 728894   | 52.872   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 160475   | 49.600   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 119944   | 48.393   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 161540   | 87.800   | ug/l # | 100      |
| 77) Bromobenzene              | 12.535 | 156  | 169113   | 51.092   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.596 | 91   | 876144   | 52.863   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 498171   | 51.750   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 597954   | 53.071   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 40075    | 50.188   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 513706   | 51.186   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 533297   | 53.141   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.041 | 105  | 587932   | 52.796   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 778157   | 53.059   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 652775   | 53.853   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 335519   | 51.450   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 324792   | 50.410   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.621 | 91   | 599905   | 53.515   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.883 | 117  | 133741   | 50.349   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 291106   | 51.280   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 18431    | 47.978   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 167937   | 54.551   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.029 | 225  | 101814   | 52.955   | ug/l   | 99       |
| 95) Naphthalene               | 15.145 | 128  | 281604   | 55.186   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.334 | 180  | 140280   | 53.436   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040125\  
Data File : VY021731.D  
Acq On : 01 Apr 2025 10:13  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

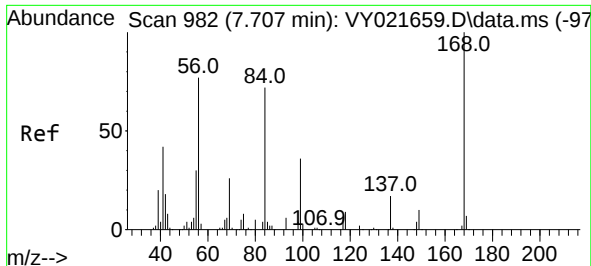
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Quant Time: Apr 02 03:21:06 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032725S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 28 02:30:29 2025  
Response via : Initial Calibration

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

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

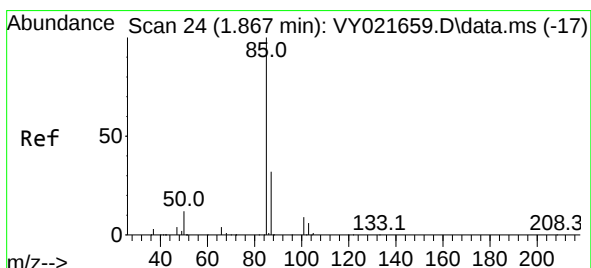
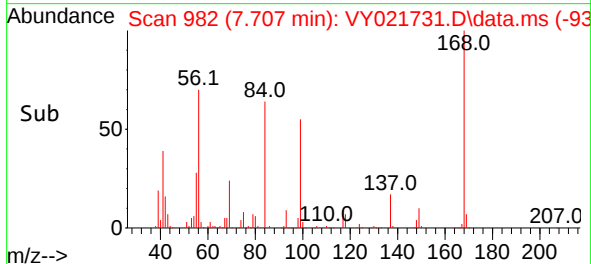
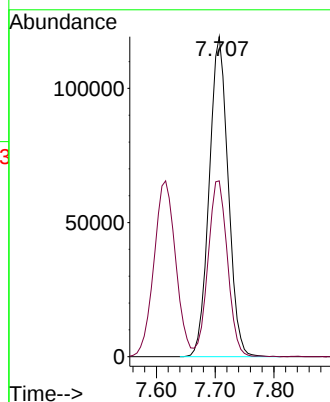
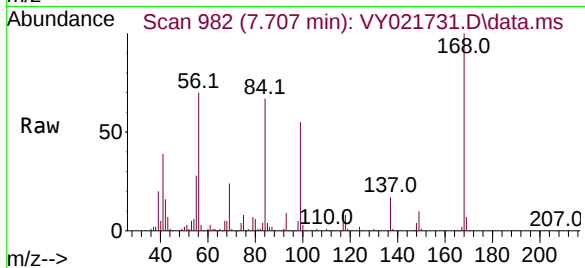




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

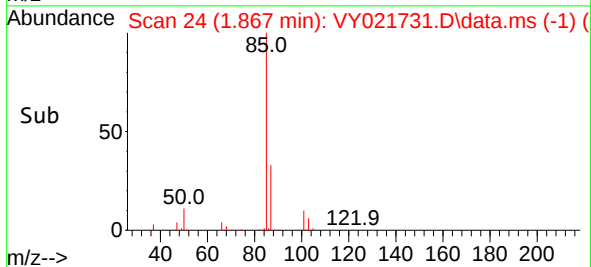
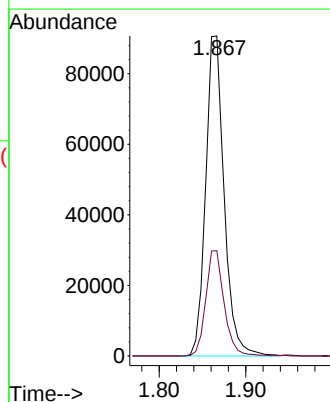
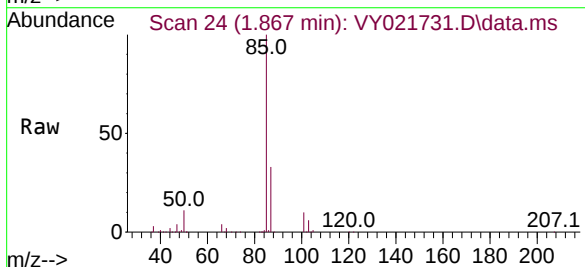
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

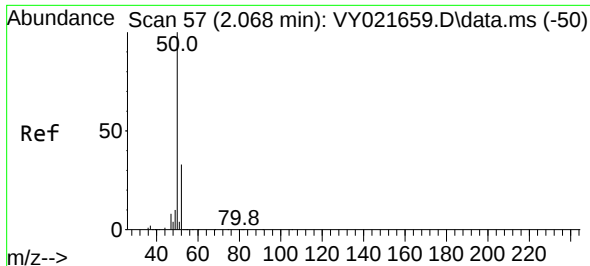
Tgt Ion:168 Resp: 267136  
Ion Ratio Lower Upper  
168 100  
99 54.9 46.7 70.1



#2  
Dichlorodifluoromethane  
Concen: 48.547 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 85 Resp: 134416  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.2 48.6

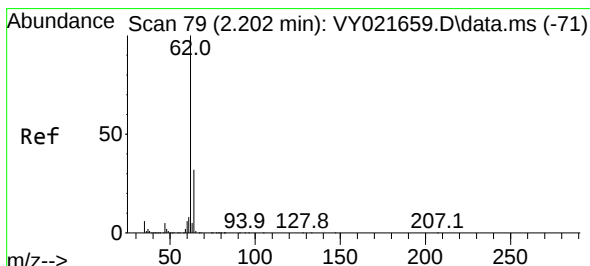
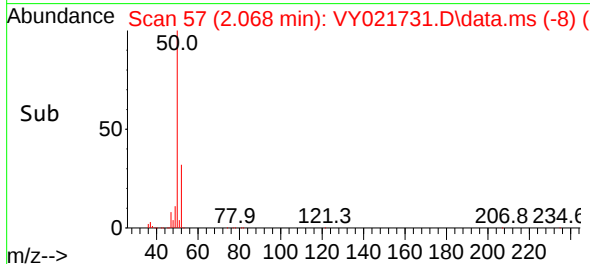
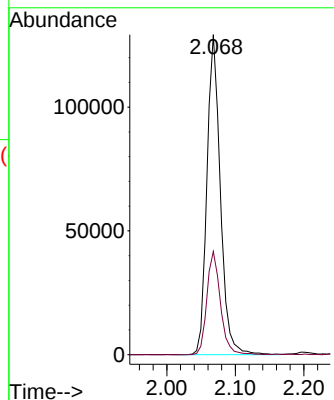
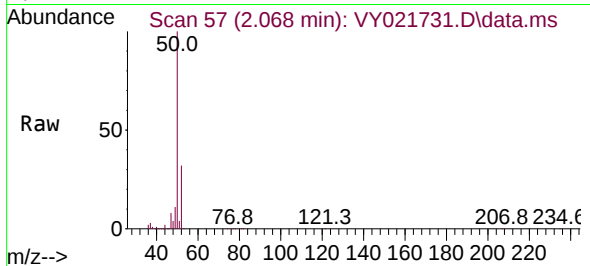




#3  
Chloromethane  
Concen: 45.323 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

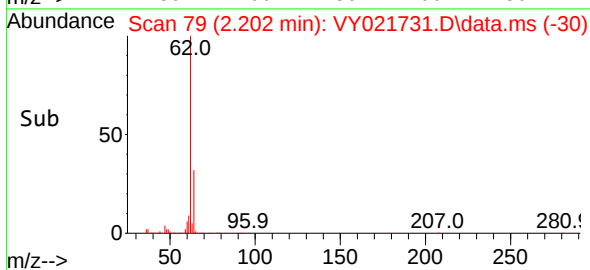
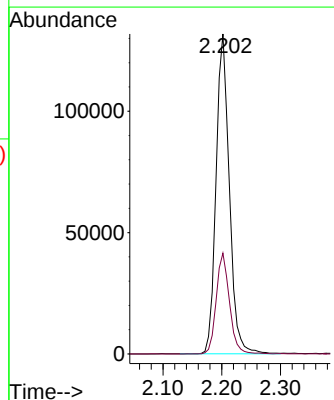
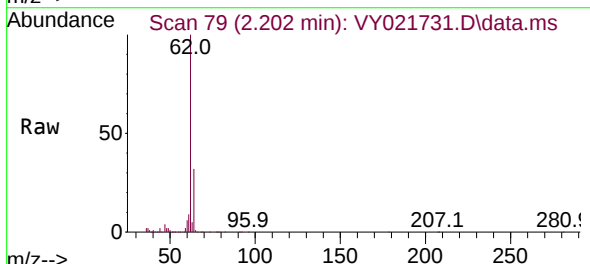
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

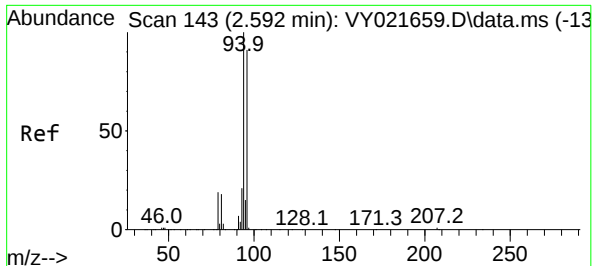
Tgt Ion: 50 Resp: 176456  
Ion Ratio Lower Upper  
50 100  
52 32.2 26.3 39.5



#4  
Vinyl Chloride  
Concen: 46.900 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 62 Resp: 206500  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.5 38.3

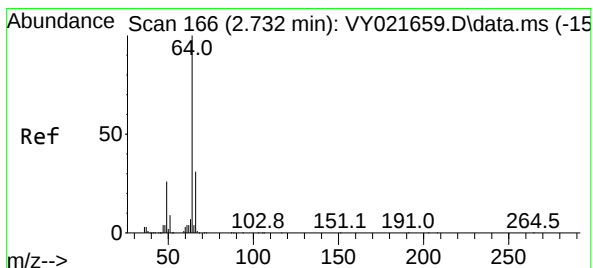
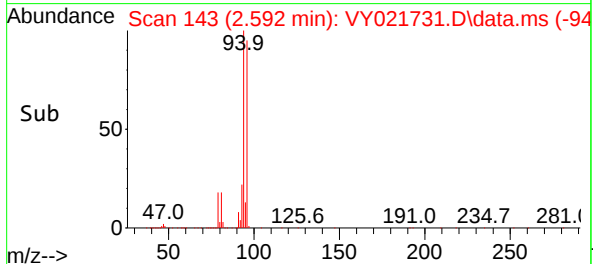
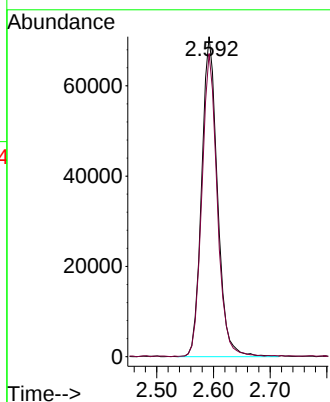
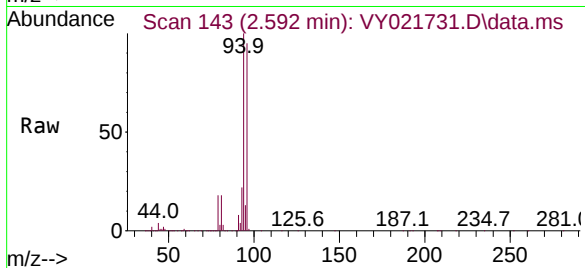




#5  
Bromomethane  
Concen: 45.709 ug/l  
RT: 2.592 min Scan# 143  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

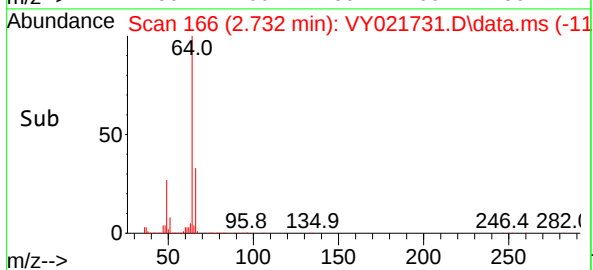
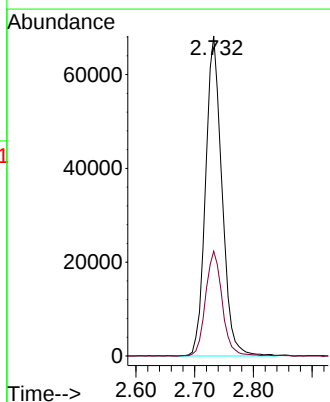
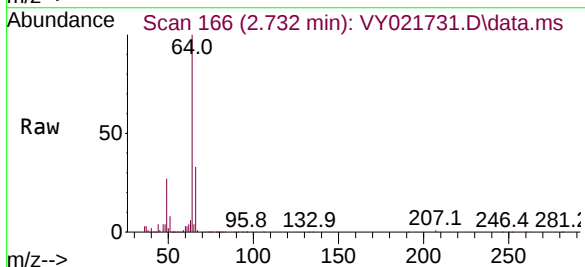
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

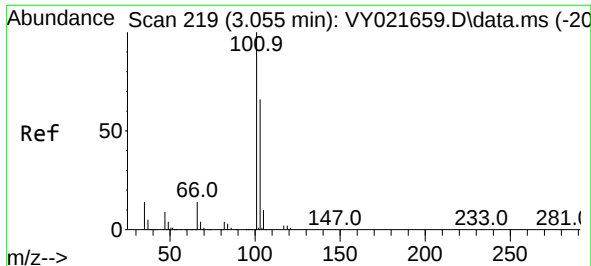
Tgt Ion: 94 Resp: 137266  
Ion Ratio Lower Upper  
94 100  
96 94.7 72.8 109.2



#6  
Chloroethane  
Concen: 45.918 ug/l  
RT: 2.732 min Scan# 166  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 64 Resp: 132294  
Ion Ratio Lower Upper  
64 100  
66 32.7 24.9 37.3

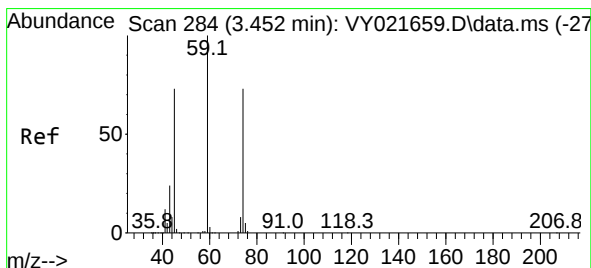
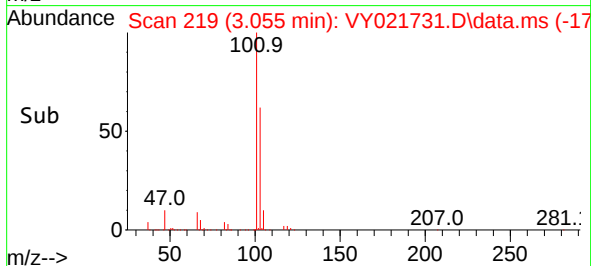
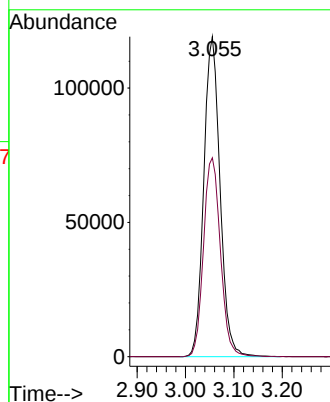
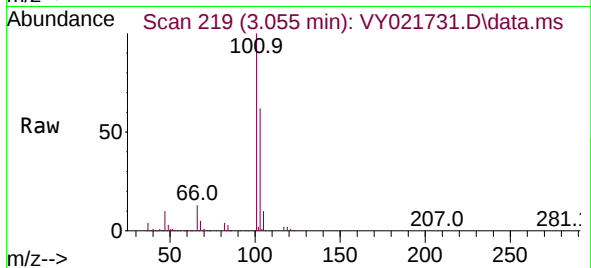




#7  
Trichlorofluoromethane  
Concen: 49.366 ug/l  
RT: 3.055 min Scan# 219  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

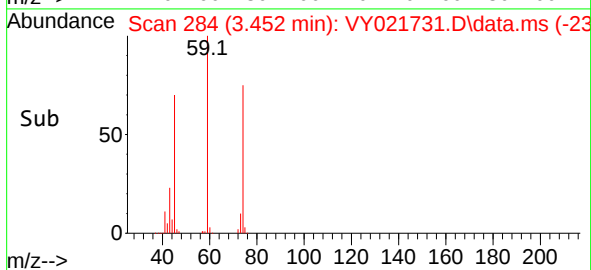
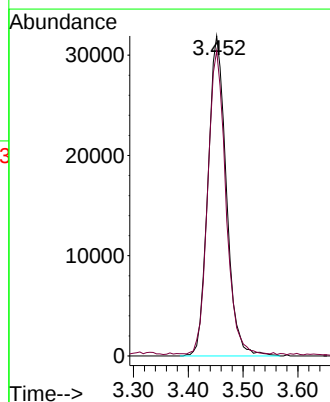
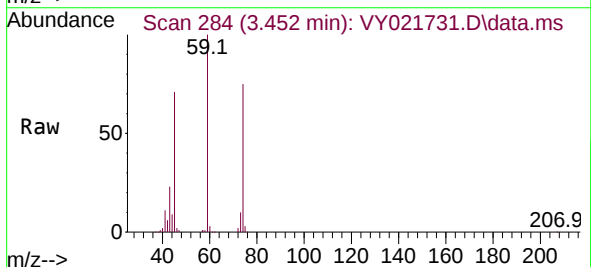
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

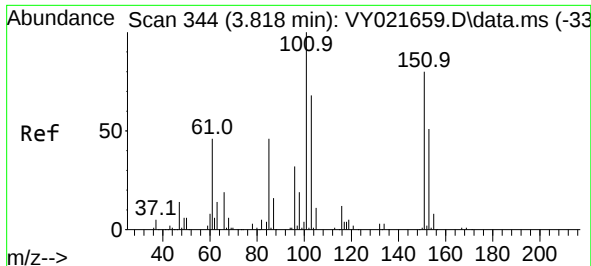
Tgt Ion:101 Resp: 278436  
Ion Ratio Lower Upper  
101 100  
103 62.1 53.1 79.7



#8  
Diethyl Ether  
Concen: 48.310 ug/l  
RT: 3.452 min Scan# 284  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 74 Resp: 74100  
Ion Ratio Lower Upper  
74 100  
45 92.9 48.6 145.8

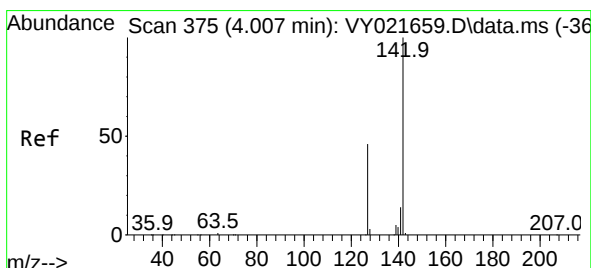
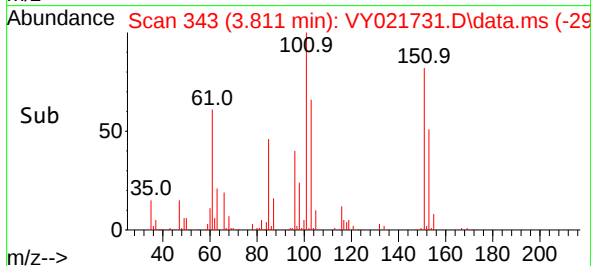
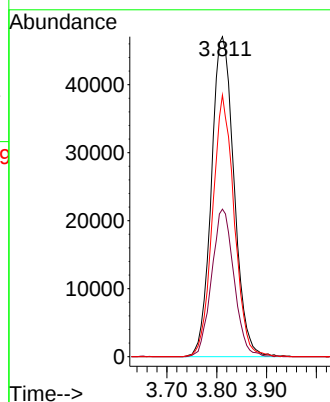
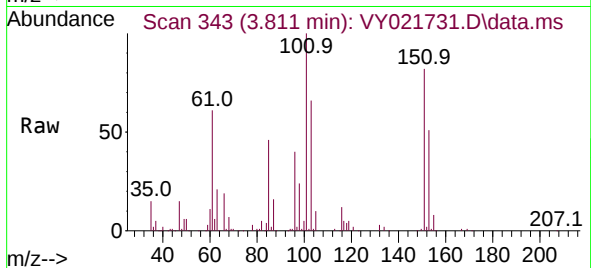




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.077 ug/l  
RT: 3.811 min Scan# 344  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

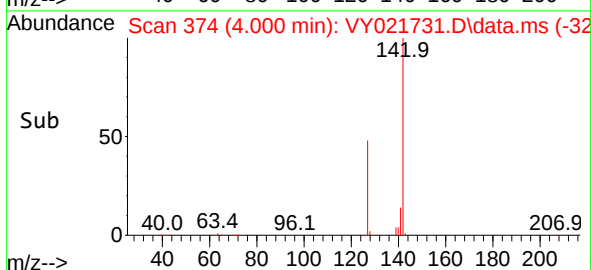
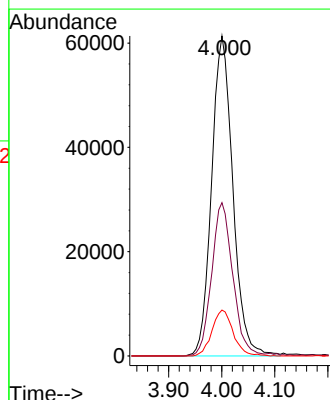
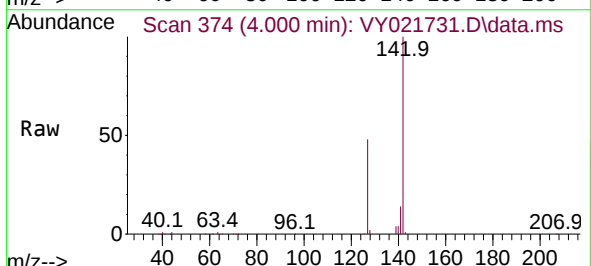
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 148970  
Ion Ratio Lower Upper  
101 100  
85 45.3 36.3 54.5  
151 77.9 61.3 91.9



#10  
Methyl Iodide  
Concen: 52.351 ug/l  
RT: 4.000 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion:142 Resp: 170850  
Ion Ratio Lower Upper  
142 100  
127 47.6 38.7 58.1  
141 14.3 11.5 17.3

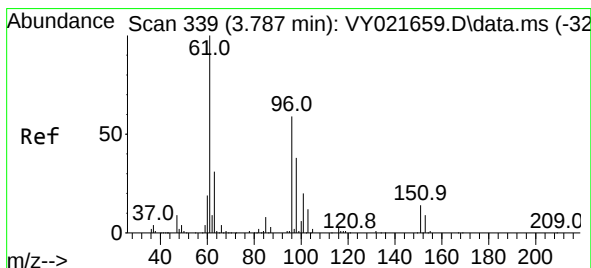
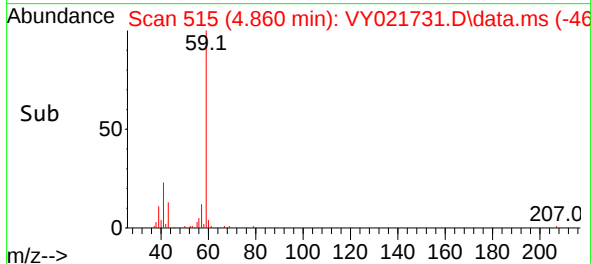
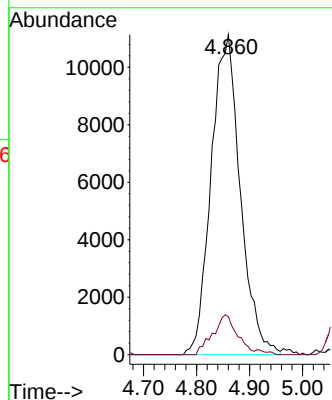
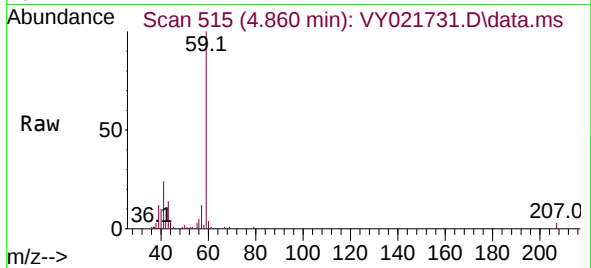




#11  
Tert butyl alcohol  
Concen: 225.735 ug/l  
RT: 4.860 min Scan# 515  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

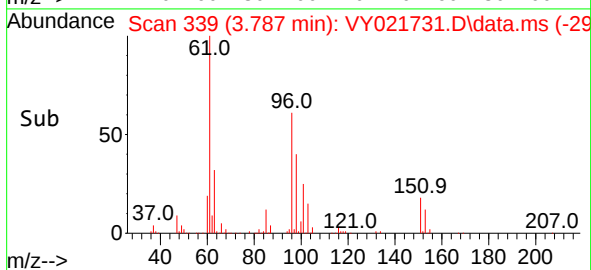
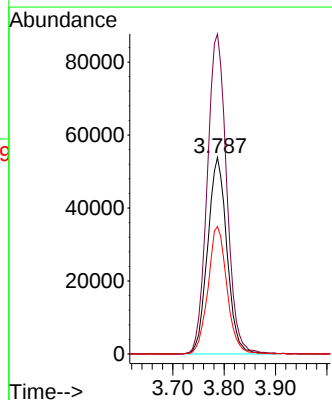
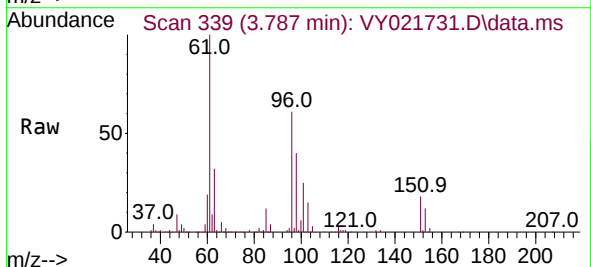
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

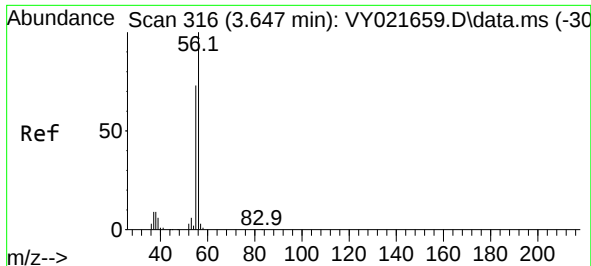
Tgt Ion: 59 Resp: 42437  
Ion Ratio Lower Upper  
59 100  
57 10.4 9.2 13.8



#12  
1,1-Dichloroethene  
Concen: 50.166 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 96 Resp: 140564  
Ion Ratio Lower Upper  
96 100  
61 162.9 136.6 204.8  
98 64.8 52.3 78.5

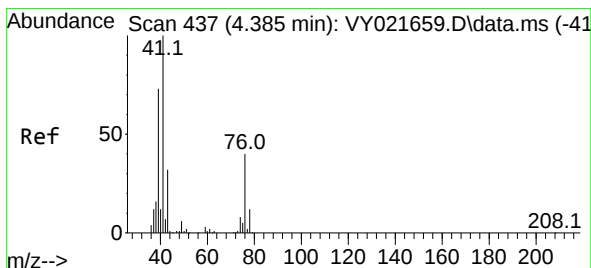
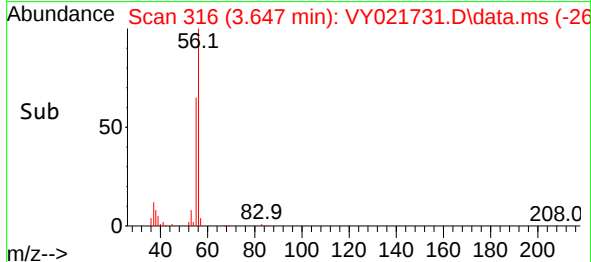
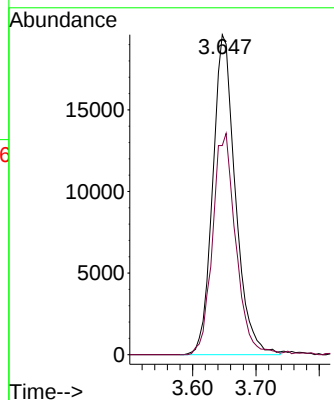
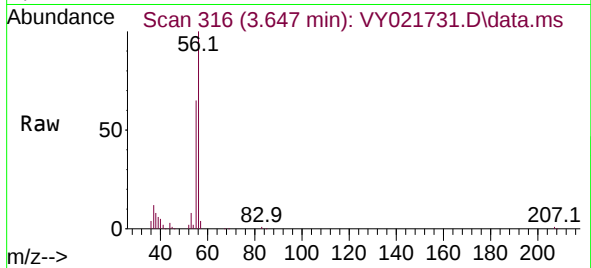




#13  
Acrolein  
Concen: 142.192 ug/l  
RT: 3.647 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

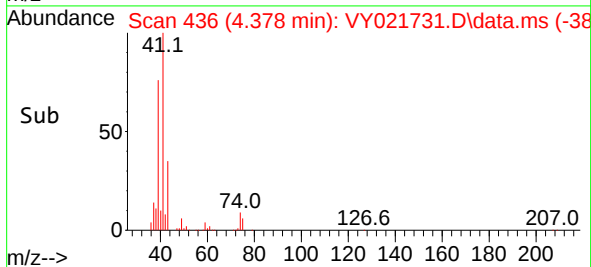
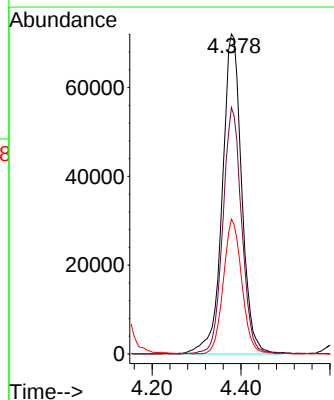
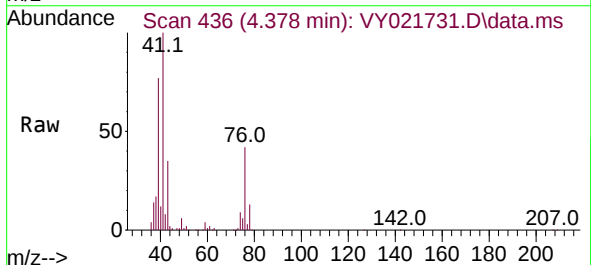
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

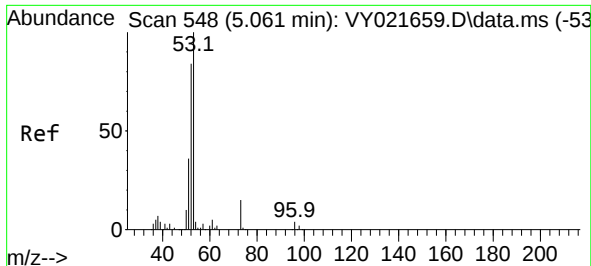
Tgt Ion: 56 Resp: 48810  
Ion Ratio Lower Upper  
56 100  
55 70.7 56.6 85.0



#14  
Allyl chloride  
Concen: 48.883 ug/l  
RT: 4.378 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 41 Resp: 218387  
Ion Ratio Lower Upper  
41 100  
39 74.4 58.6 88.0  
76 40.0 30.3 45.5

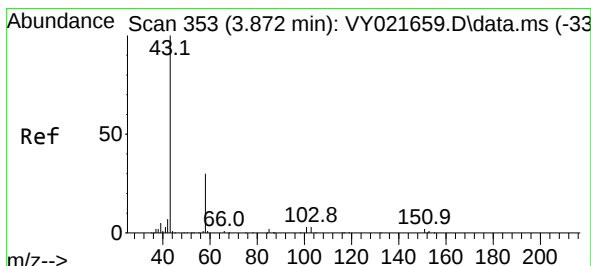
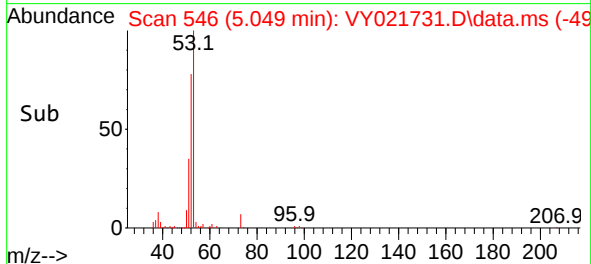
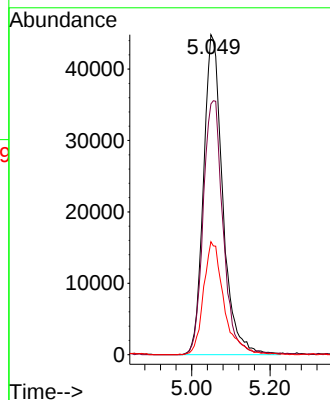
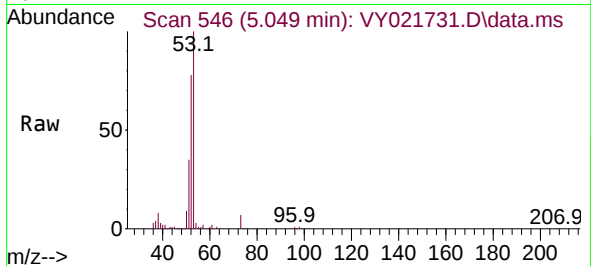




#15  
Acrylonitrile  
Concen: 238.441 ug/l  
RT: 5.049 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

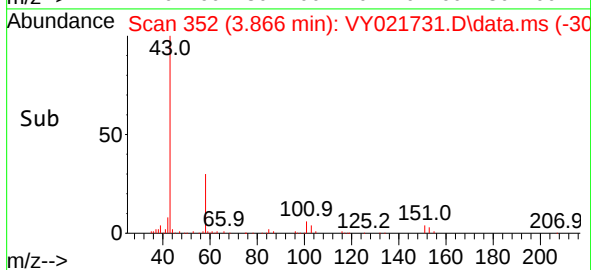
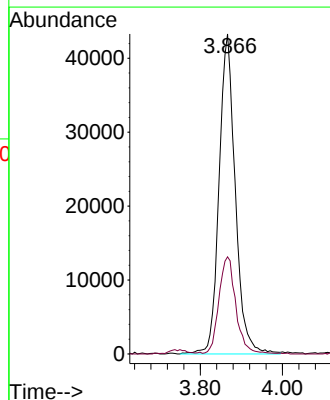
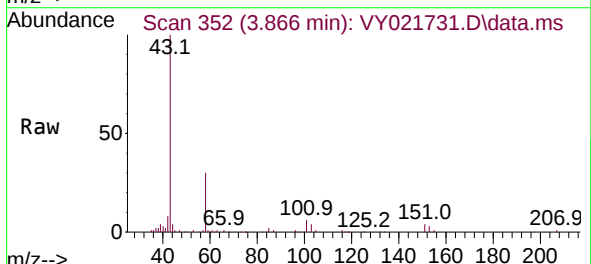
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

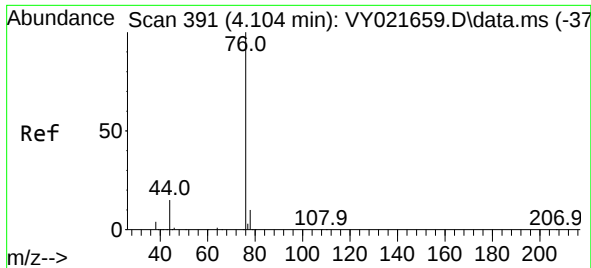
Tgt Ion: 53 Resp: 152707  
Ion Ratio Lower Upper  
53 100  
52 82.2 64.9 97.3  
51 37.5 30.2 45.2



#16  
Acetone  
Concen: 199.954 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 43 Resp: 118444  
Ion Ratio Lower Upper  
43 100  
58 30.1 24.2 36.4

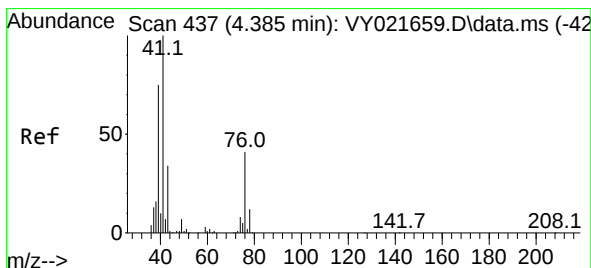
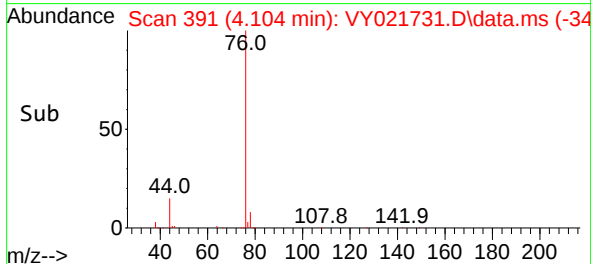
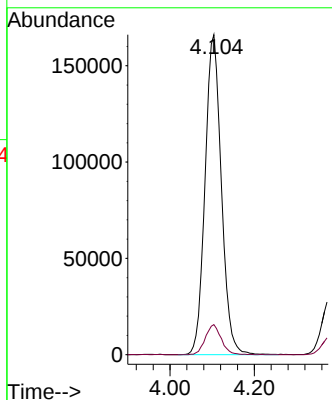
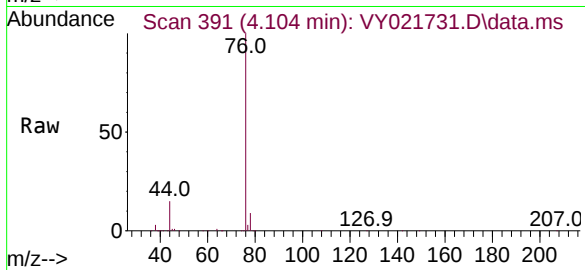




#17  
Carbon Disulfide  
Concen: 48.433 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

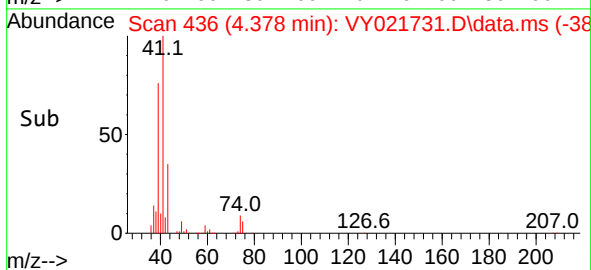
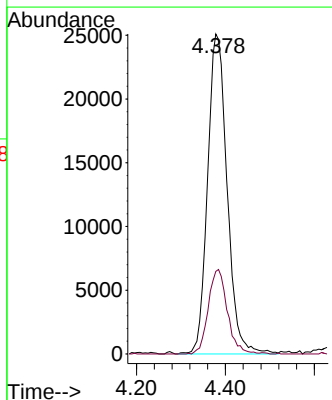
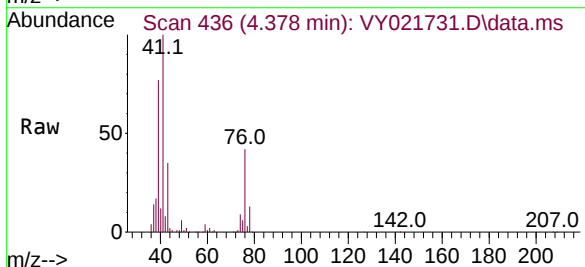
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

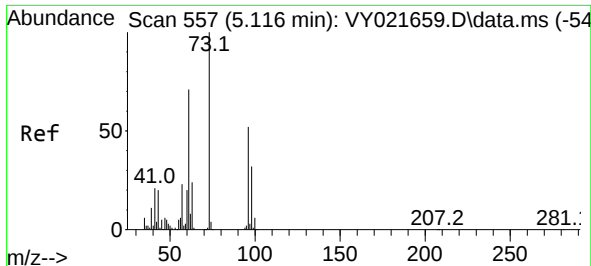
Tgt Ion: 76 Resp: 446985  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.6 11.4



#18  
Methyl Acetate  
Concen: 52.162 ug/l  
RT: 4.378 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 43 Resp: 76579  
Ion Ratio Lower Upper  
43 100  
74 25.8 19.1 28.7

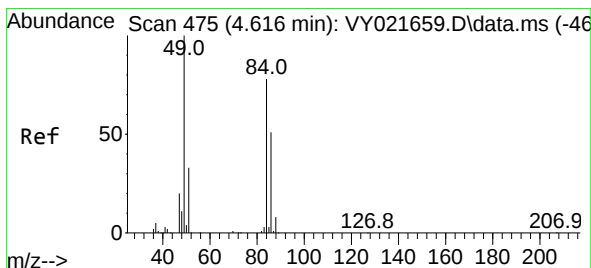
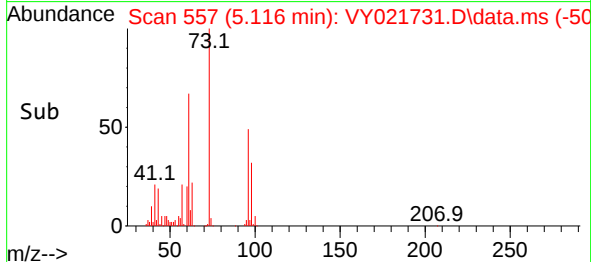
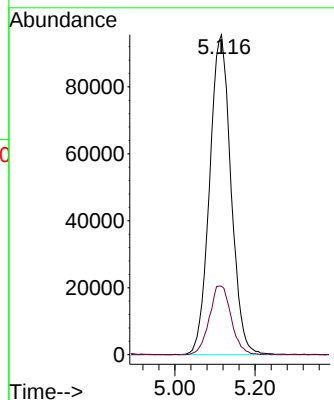
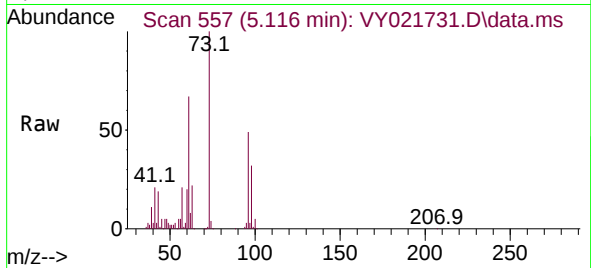




#19  
Methyl tert-butyl Ether  
Concen: 50.590 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

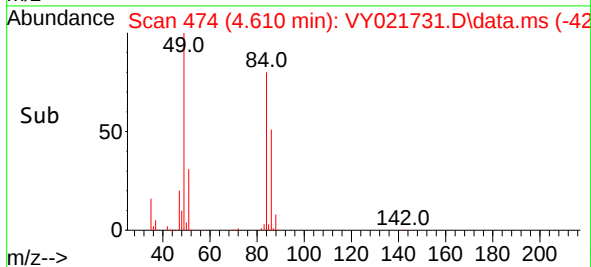
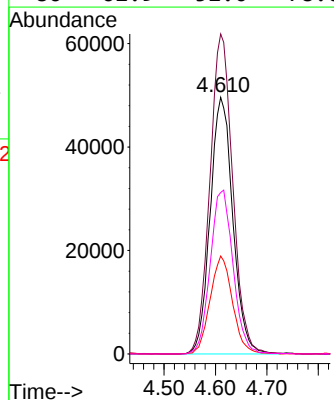
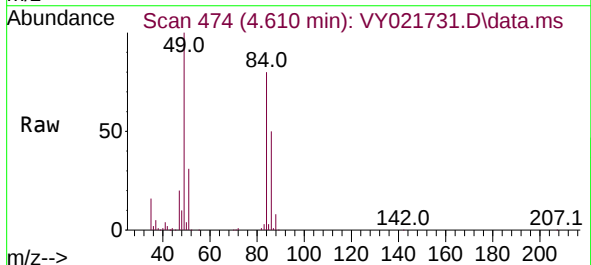
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

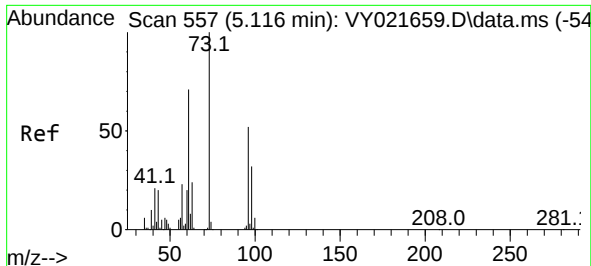
Tgt Ion: 73 Resp: 352917  
Ion Ratio Lower Upper  
73 100  
57 21.4 18.1 27.1



#20  
Methylene Chloride  
Concen: 52.656 ug/l  
RT: 4.610 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 84 Resp: 152033  
Ion Ratio Lower Upper  
84 100  
49 124.7 102.8 154.2  
51 38.2 33.5 50.3  
86 62.9 52.0 78.0

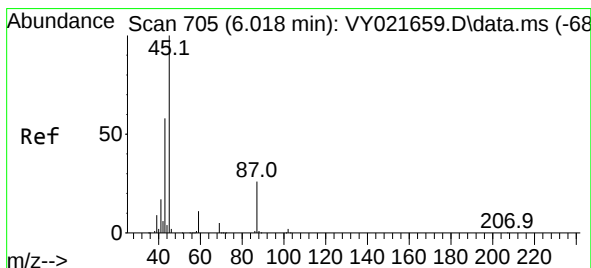
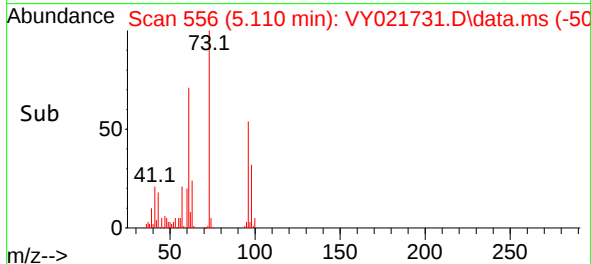
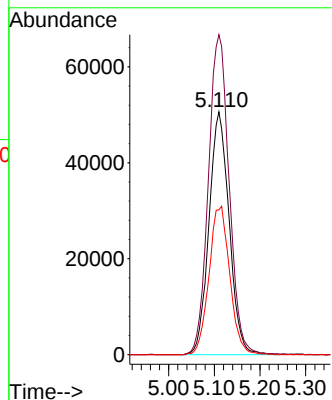
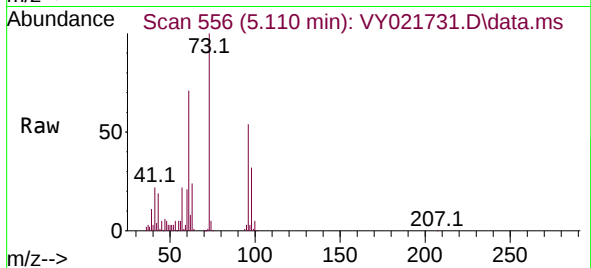




#21  
trans-1,2-Dichloroethene  
Concen: 50.474 ug/l  
RT: 5.110 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

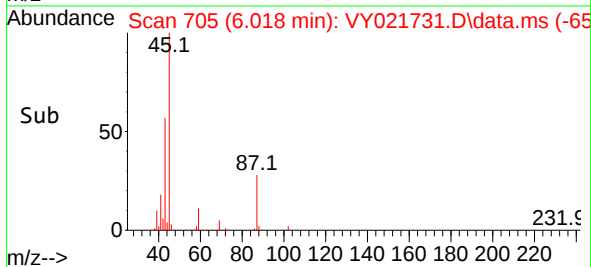
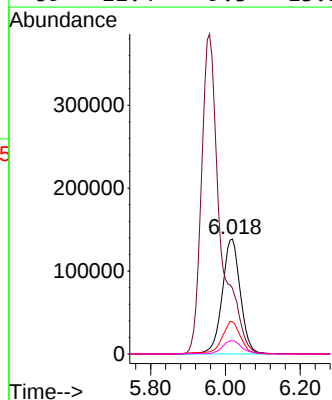
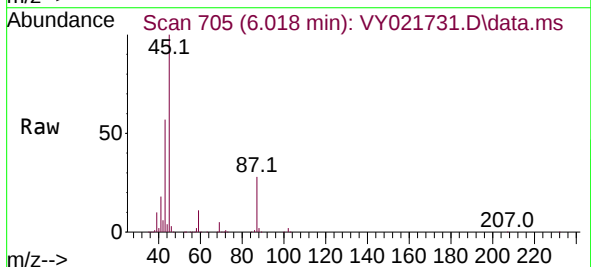
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

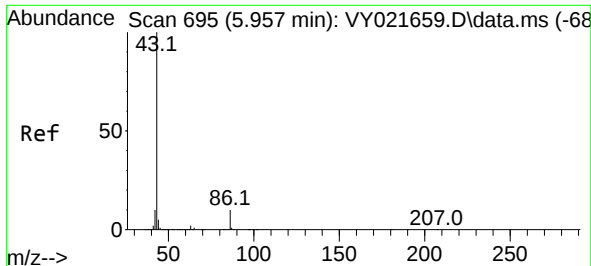
Tgt Ion: 96 Resp: 155717  
Ion Ratio Lower Upper  
96 100  
61 131.7 109.4 164.0  
98 59.6 50.2 75.2



#22  
Diisopropyl ether  
Concen: 49.759 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 45 Resp: 466330  
Ion Ratio Lower Upper  
45 100  
43 57.3 46.6 69.8  
87 28.1 20.7 31.1  
59 11.4 9.3 13.9

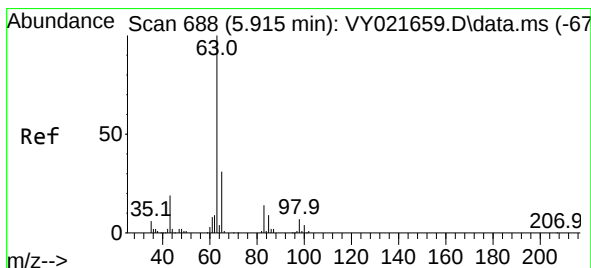
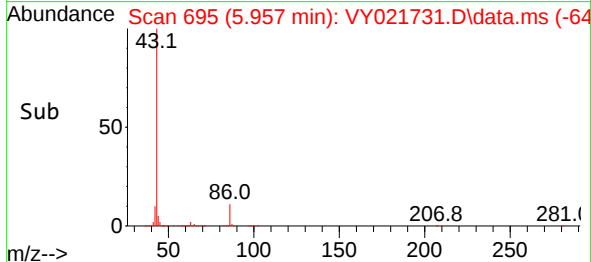
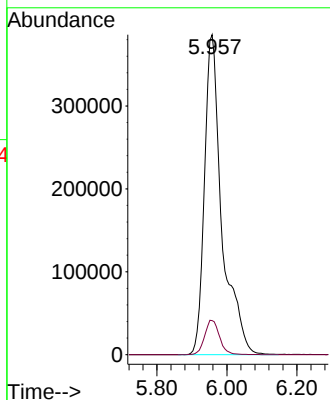
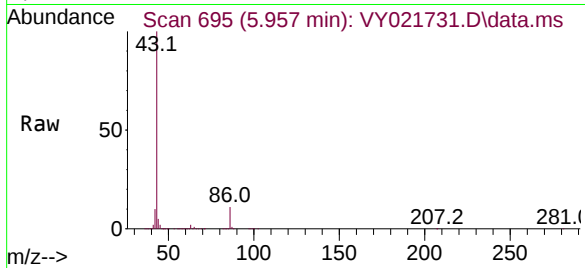




#23  
 Vinyl Acetate  
 Concen: 244.119 ug/l  
 RT: 5.957 min Scan# 695  
 Delta R.T. -0.000 min  
 Lab File: VY021731.D  
 Acq: 01 Apr 2025 10:13

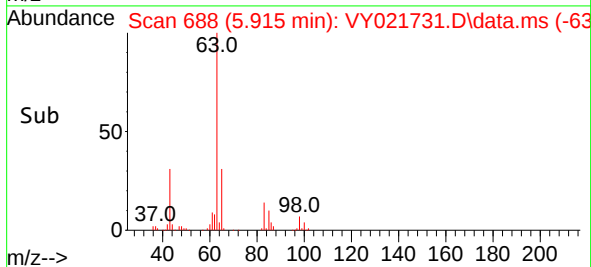
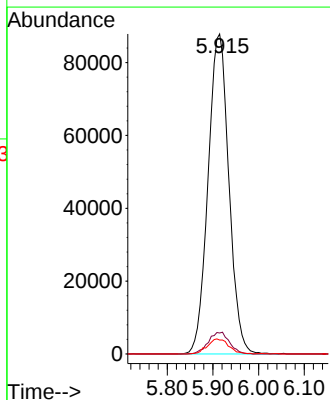
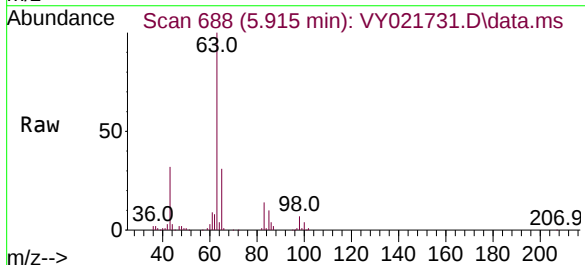
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

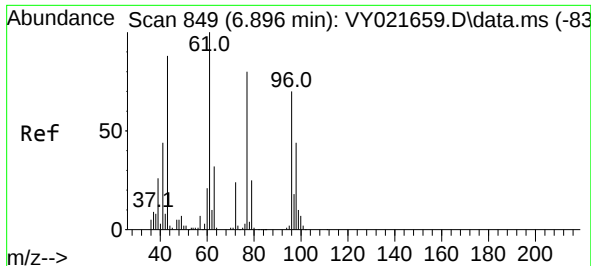
Tgt Ion: 43 Resp: 1338386  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 49.622 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY021731.D  
 Acq: 01 Apr 2025 10:13

Tgt Ion: 63 Resp: 278076  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.5  
 100 4.4 2.2 6.6

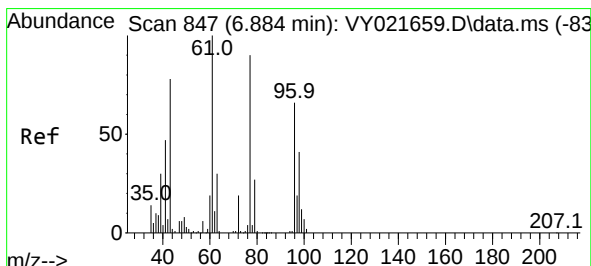
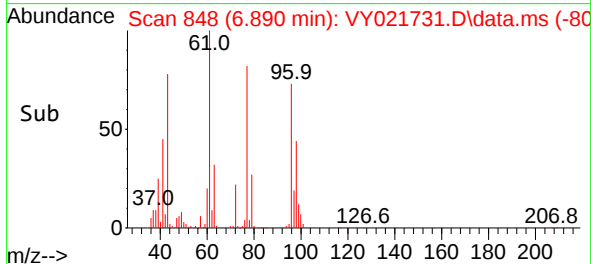
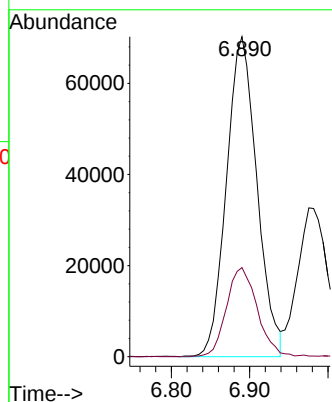
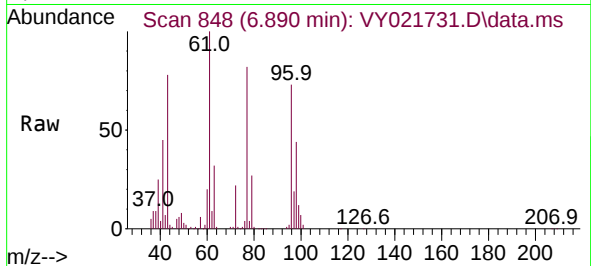




#25  
2-Butanone  
Concen: 224.955 ug/l  
RT: 6.890 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

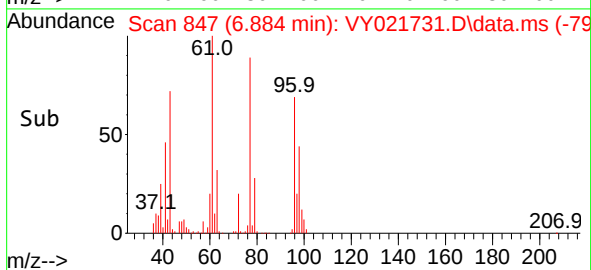
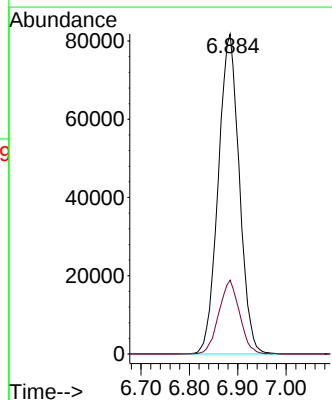
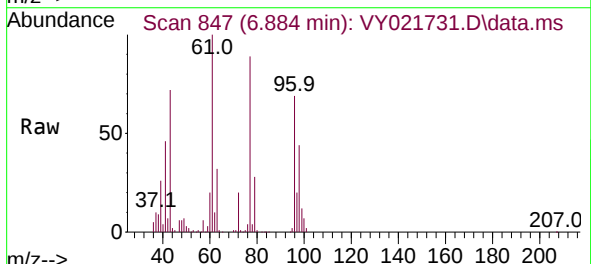
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 190328  
Ion Ratio Lower Upper  
43 100  
72 27.8 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 49.566 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 77 Resp: 247075  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.514 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

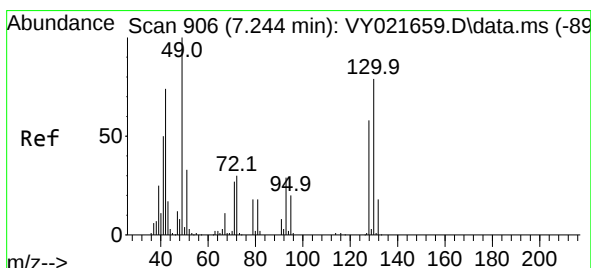
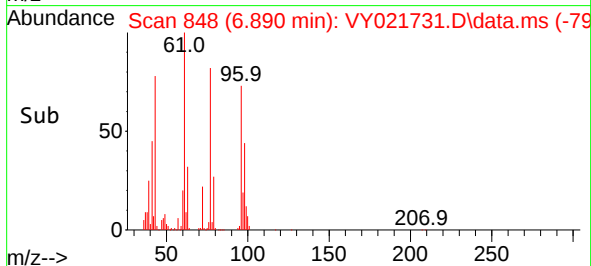
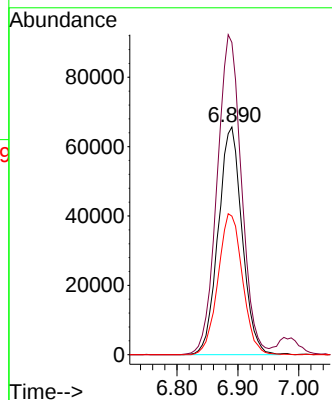
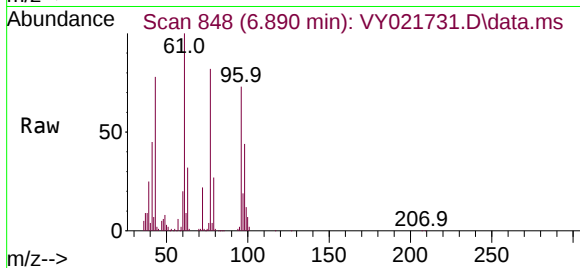
Tgt Ion: 96 Resp: 178722

Ion Ratio Lower Upper

96 100

61 143.5 0.0 296.4

98 63.5 0.0 128.0



#28

Bromochloromethane

Concen: 45.407 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

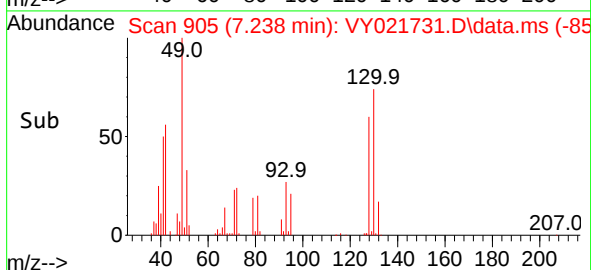
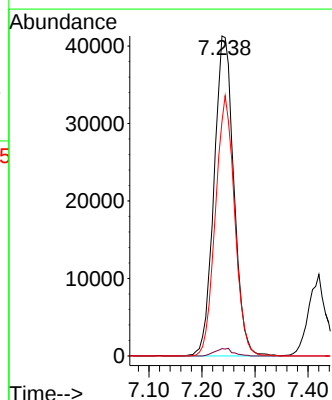
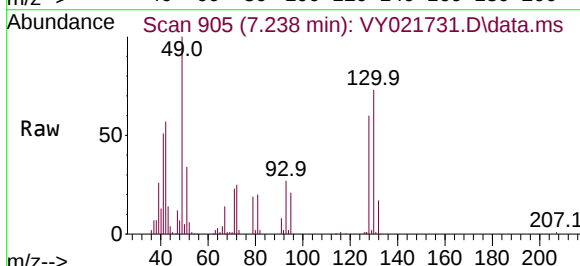
Tgt Ion: 49 Resp: 107313

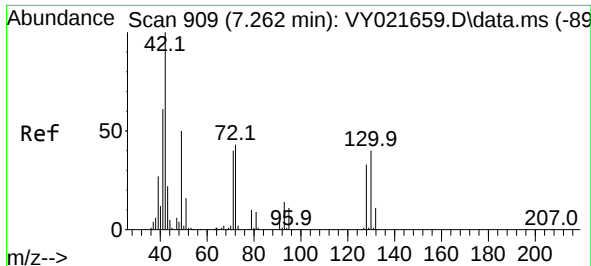
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 78.7 60.1 90.1





#29

Tetrahydrofuran

Concen: 238.865 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

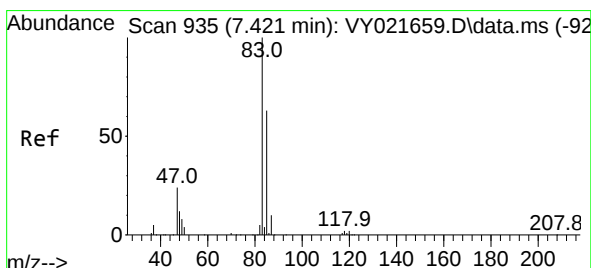
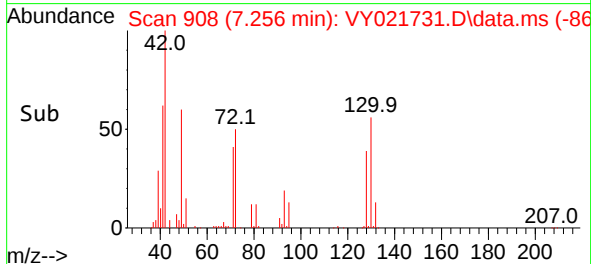
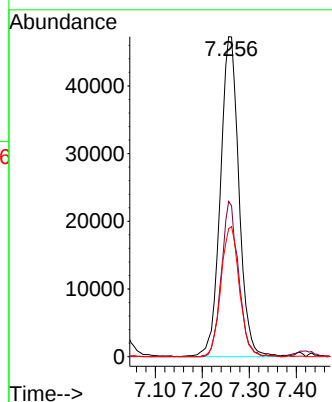
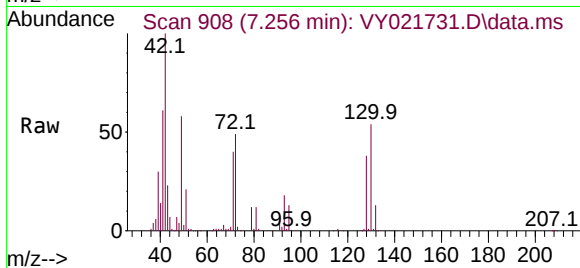
Tgt Ion: 42 Resp: 130067

Ion Ratio Lower Upper

42 100

72 44.7 34.6 52.0

71 40.5 32.5 48.7



#30

Chloroform

Concen: 49.822 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021731.D

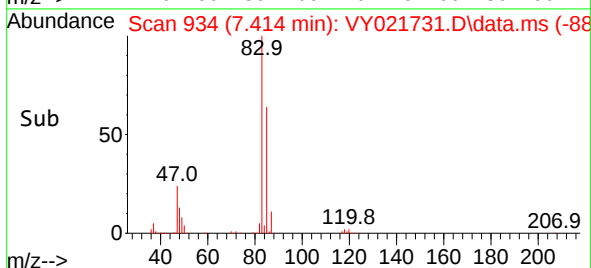
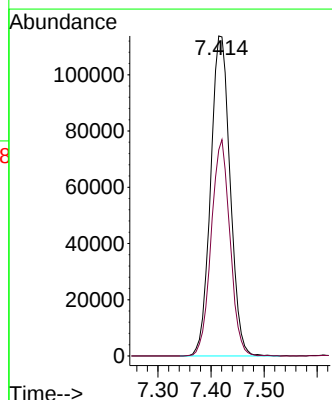
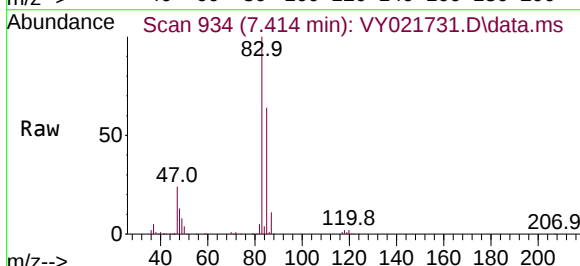
Acq: 01 Apr 2025 10:13

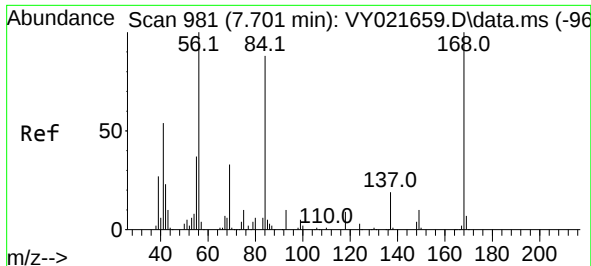
Tgt Ion: 83 Resp: 290391

Ion Ratio Lower Upper

83 100

85 64.4 50.6 75.8

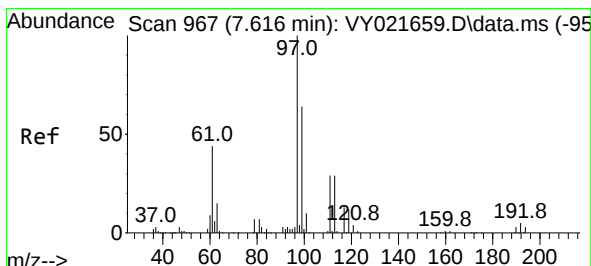
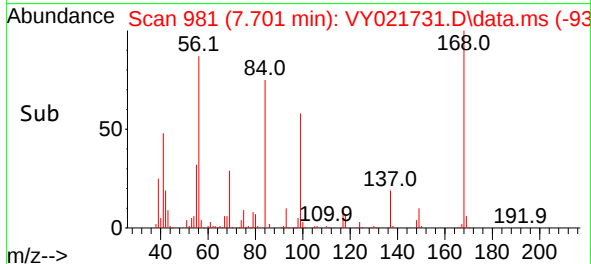
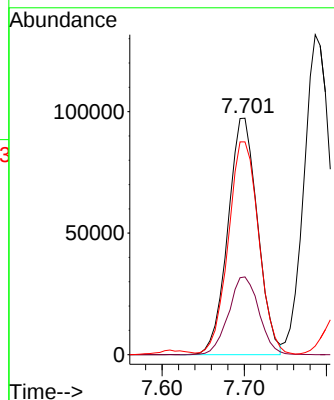
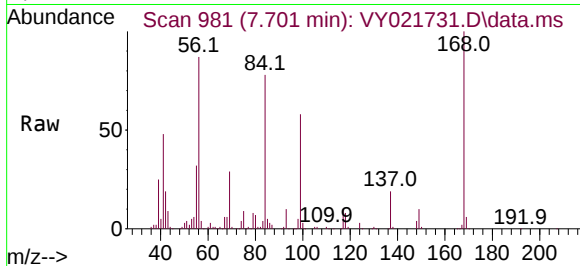




#31  
Cyclohexane  
Concen: 47.893 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

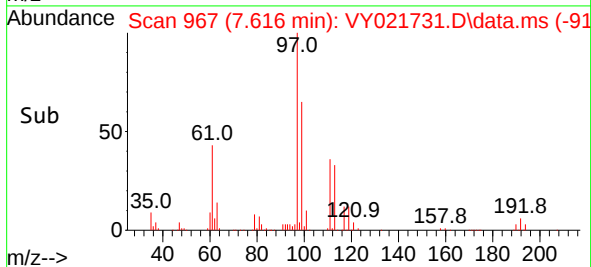
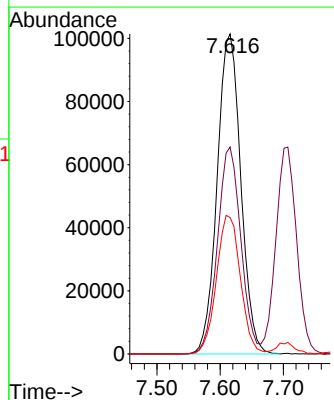
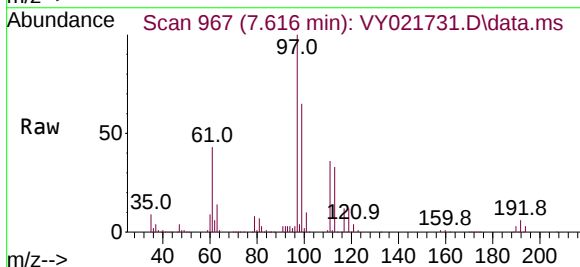
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

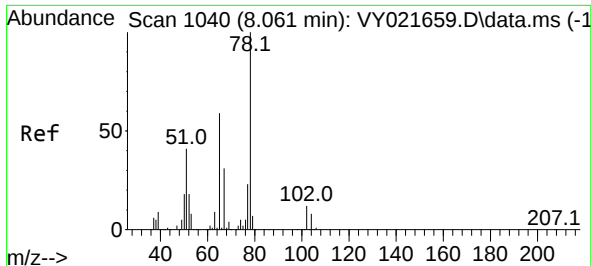
Tgt Ion: 56 Resp: 244653  
Ion Ratio Lower Upper  
56 100  
69 32.9 26.6 40.0  
84 88.3 69.0 103.4



#32  
1,1,1-Trichloroethane  
Concen: 49.940 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 97 Resp: 263084  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.7 76.1  
61 43.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.014 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

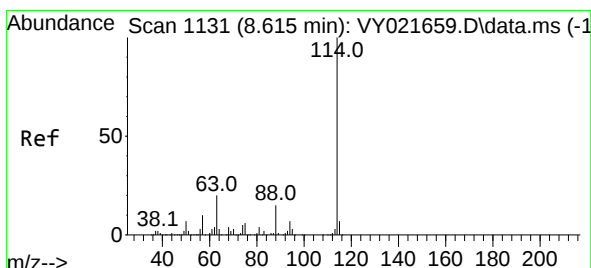
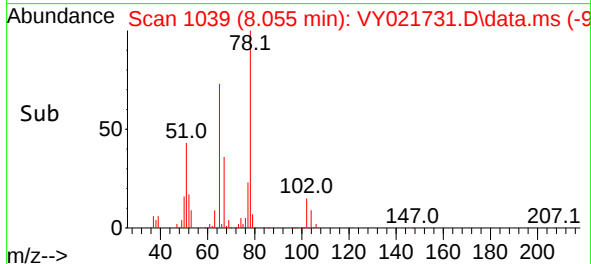
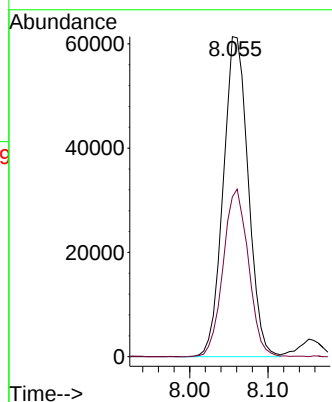
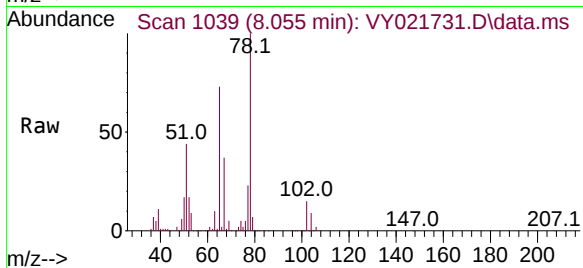
VSTDCCC050

Tgt Ion: 65 Resp: 136075

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

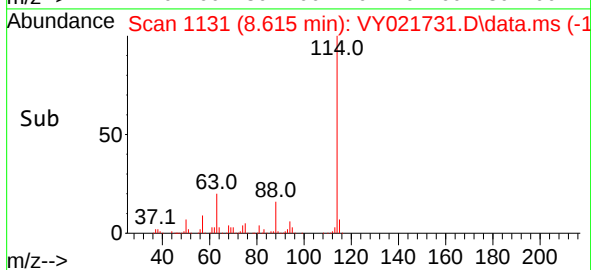
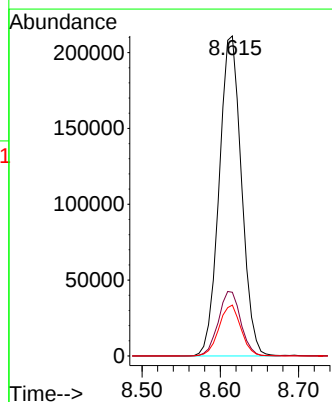
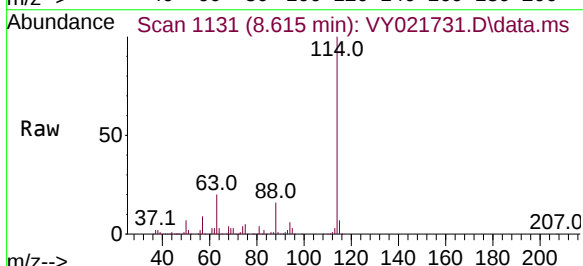
Tgt Ion: 114 Resp: 417982

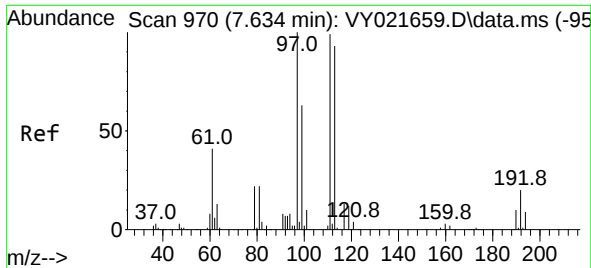
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.9 0.0 29.8

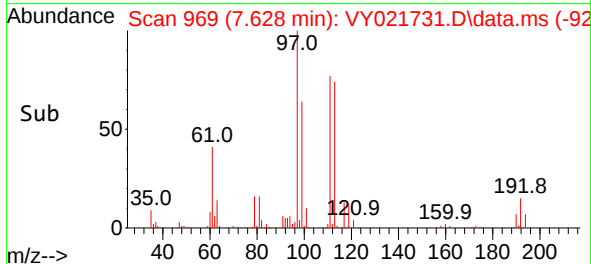
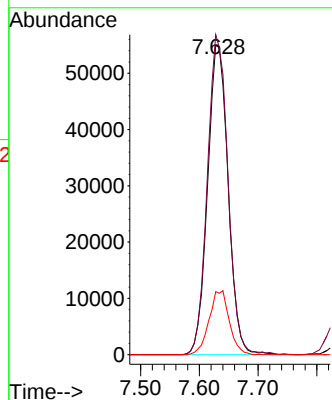
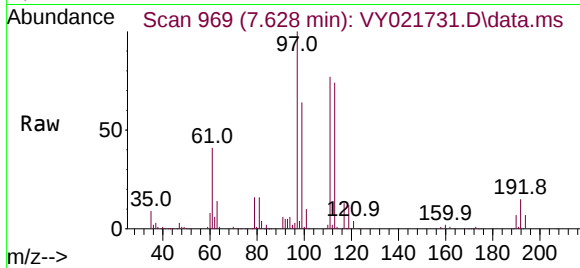




#35  
Dibromofluoromethane  
Concen: 49.401 ug/l  
RT: 7.628 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

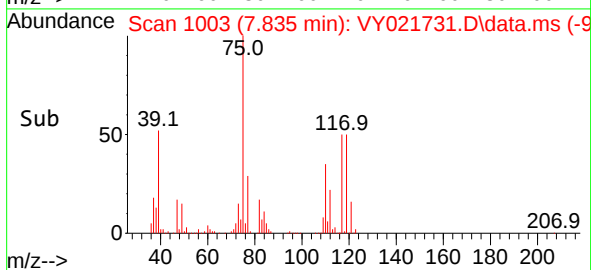
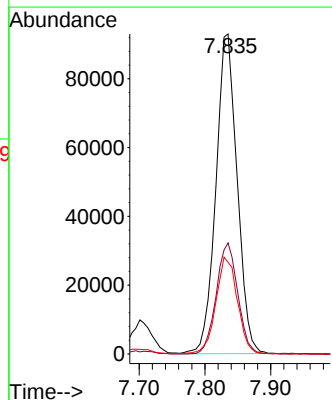
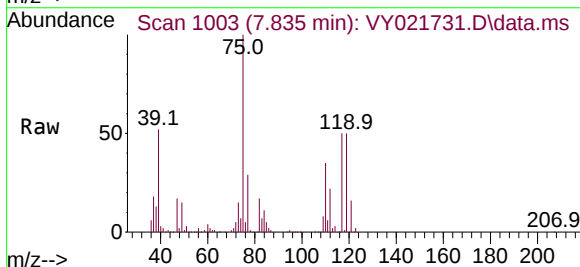
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

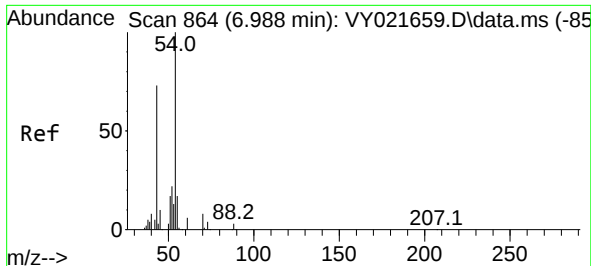
Tgt Ion:113 Resp: 133944  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.6 123.8  
192 20.3 16.2 24.4



#36  
1,1-Dichloropropene  
Concen: 50.689 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 75 Resp: 209338  
Ion Ratio Lower Upper  
75 100  
110 35.0 17.0 50.9  
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 46.847 ug/l

RT: 6.975 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

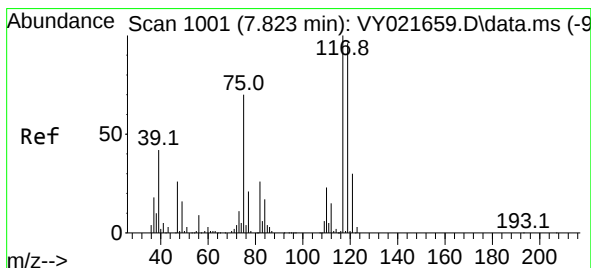
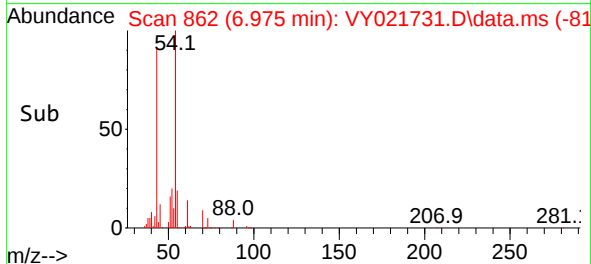
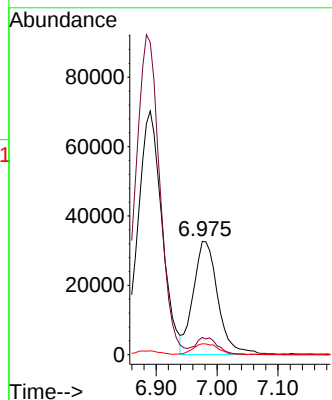
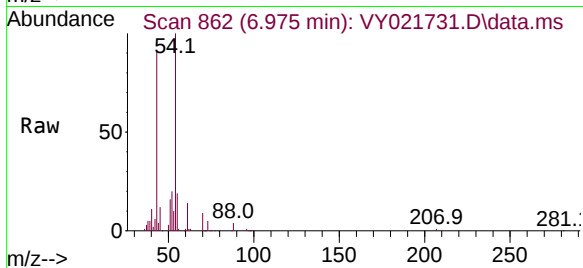
Tgt Ion: 43 Resp: 91307

Ion Ratio Lower Upper

43 100

61 13.5 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 51.515 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

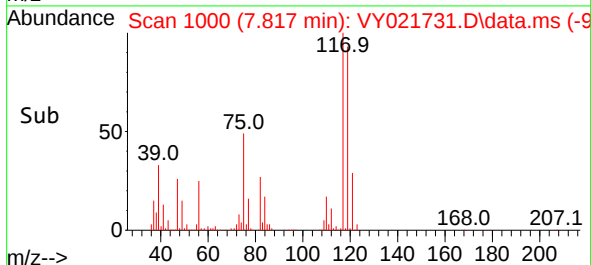
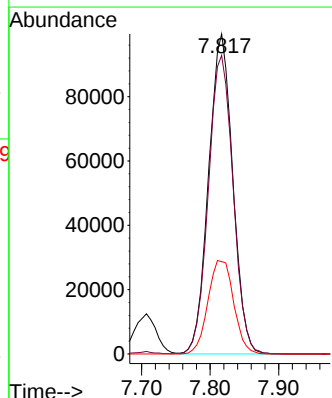
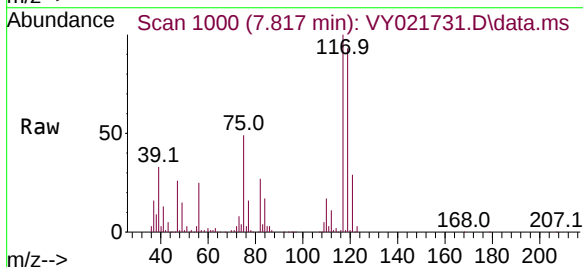
Tgt Ion: 117 Resp: 243670

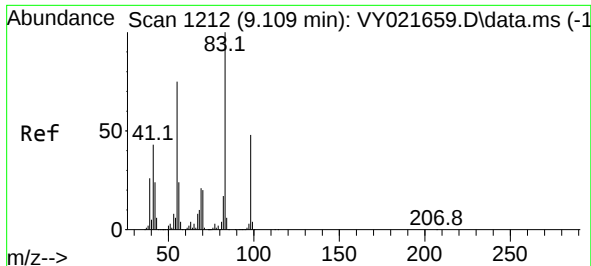
Ion Ratio Lower Upper

117 100

119 93.3 76.2 114.4

121 28.9 24.2 36.4





#39

Methylcyclohexane

Concen: 53.177 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

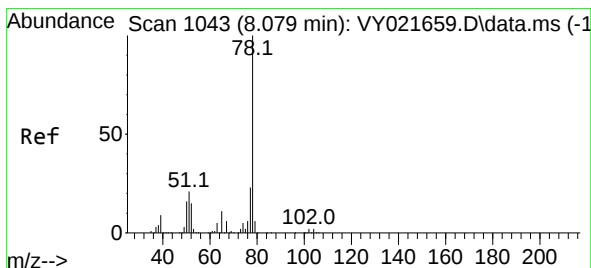
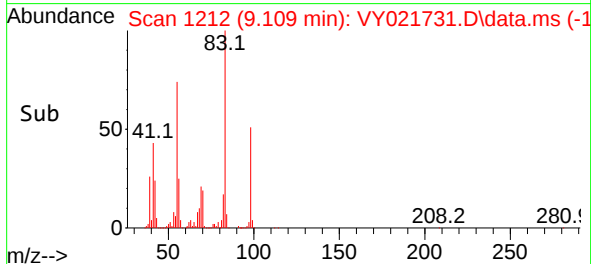
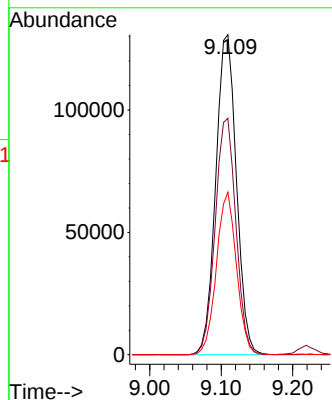
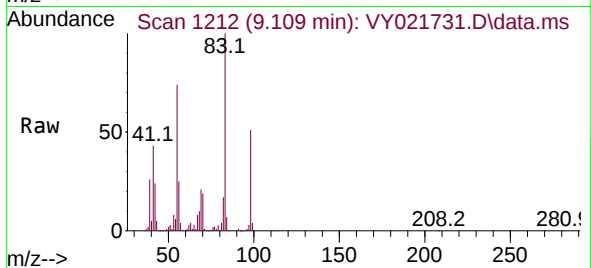
Tgt Ion: 83 Resp: 262352

Ion Ratio Lower Upper

83 100

55 73.8 59.7 89.5

98 50.8 38.3 57.5



#40

Benzene

Concen: 50.353 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021731.D

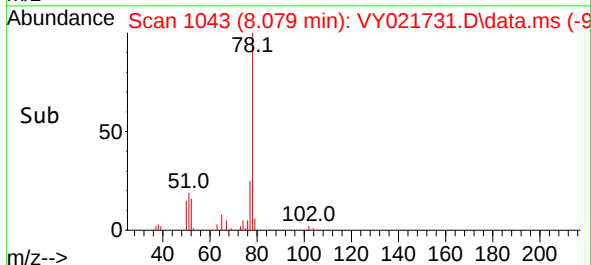
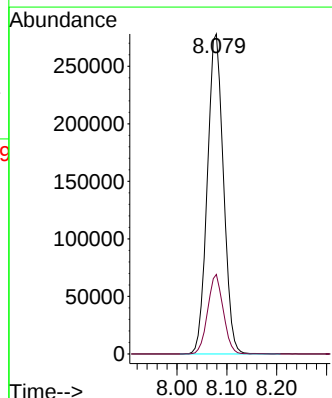
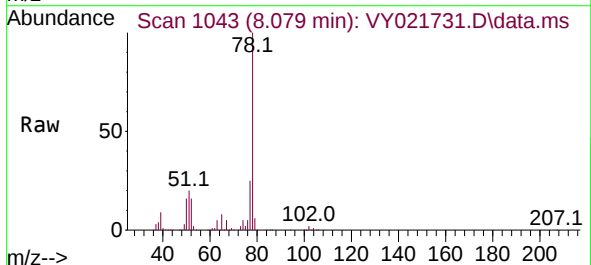
Acq: 01 Apr 2025 10:13

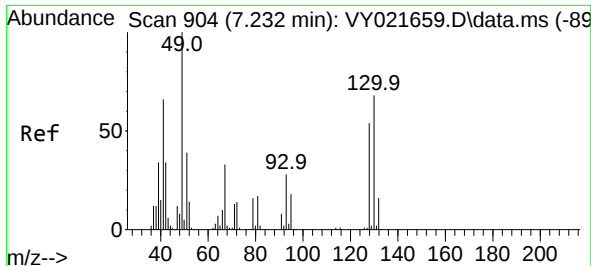
Tgt Ion: 78 Resp: 622767

Ion Ratio Lower Upper

78 100

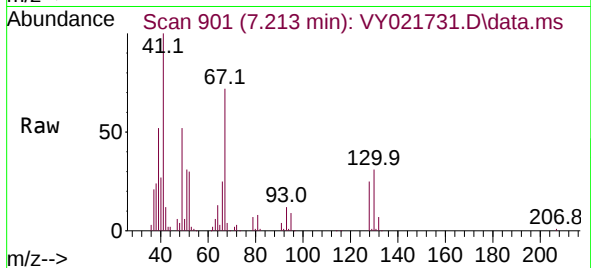
77 24.8 18.8 28.2



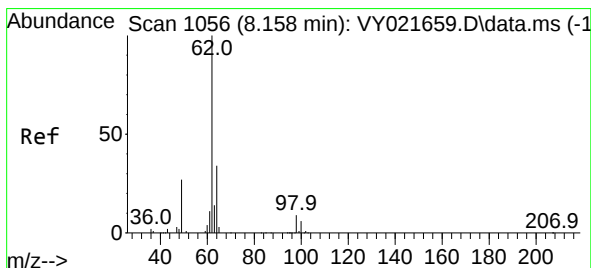
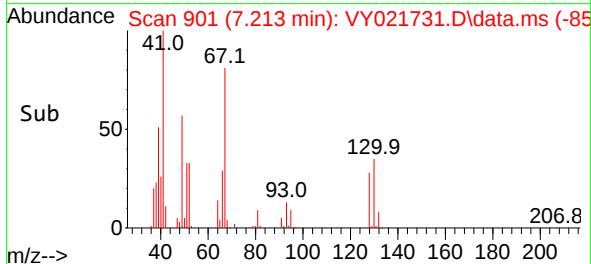
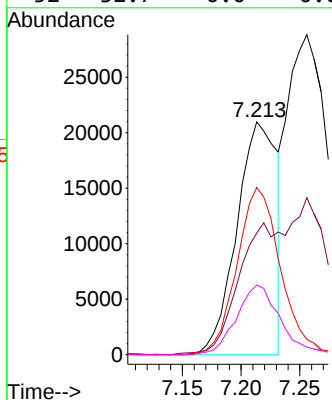


#41  
Methacrylonitrile  
Concen: 48.231 ug/l  
RT: 7.213 min Scan# 904  
Delta R.T. -0.018 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

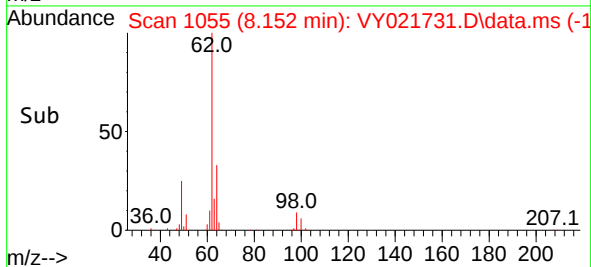
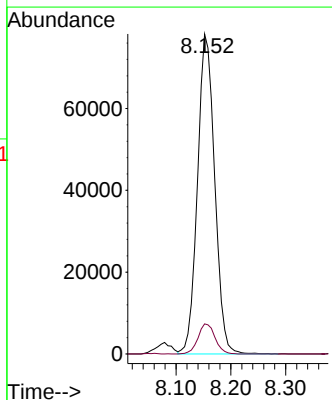
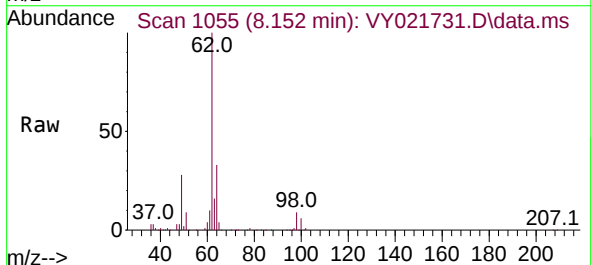


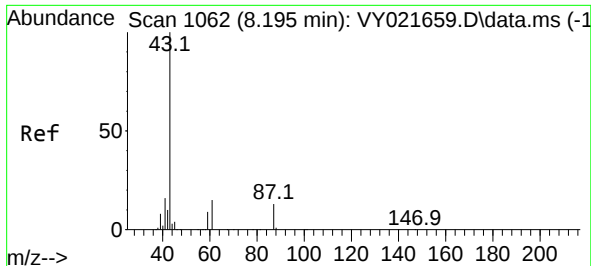
Tgt Ion: 41 Resp: 49923  
Ion Ratio Lower Upper  
41 100  
39 63.4 0.0 0.0#  
67 78.5 0.0 0.0#  
52 32.7 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 48.971 ug/l  
RT: 8.152 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 62 Resp: 170747  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 48.688 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

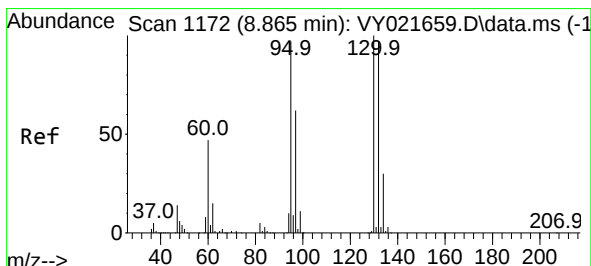
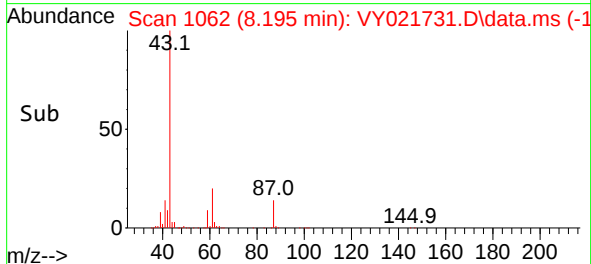
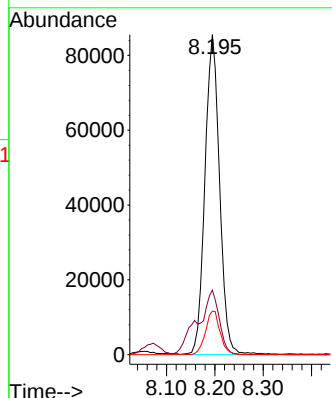
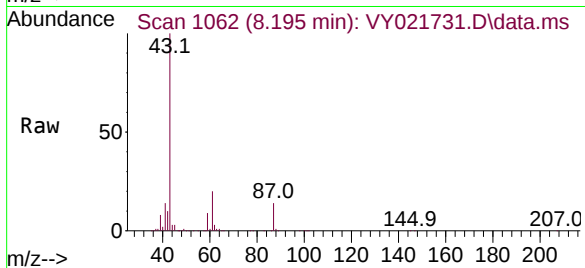
Tgt Ion: 43 Resp: 179833

Ion Ratio Lower Upper

43 100

61 19.3 15.9 23.9

87 13.6 10.4 15.6



#44

Trichloroethene

Concen: 51.597 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VY021731.D

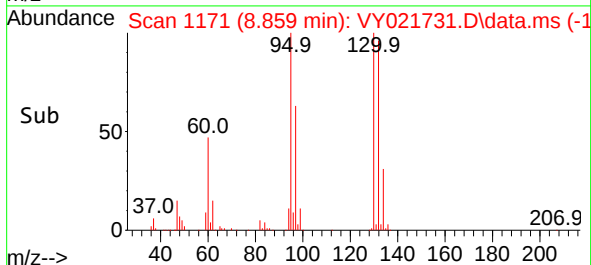
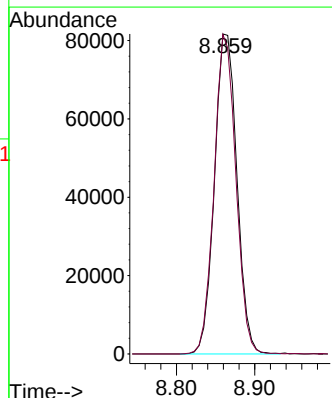
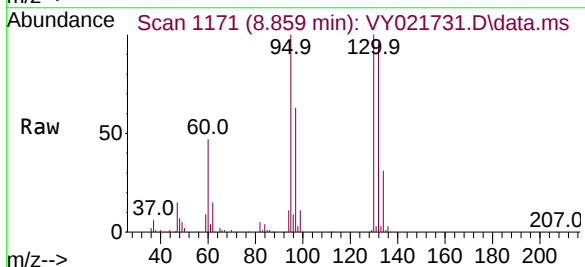
Acq: 01 Apr 2025 10:13

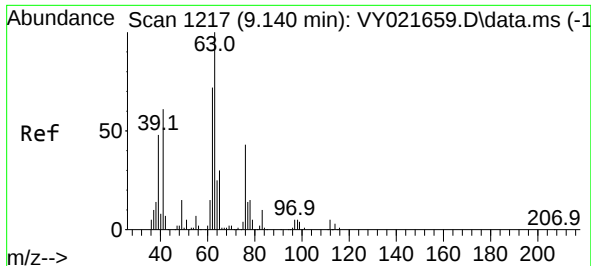
Tgt Ion:130 Resp: 162593

Ion Ratio Lower Upper

130 100

95 99.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.563 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

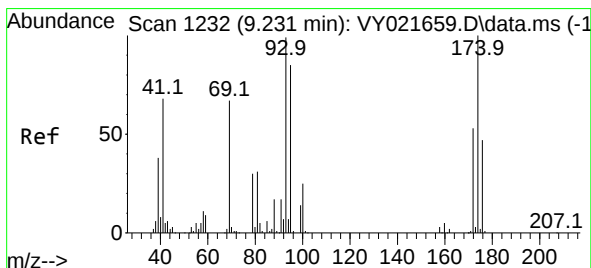
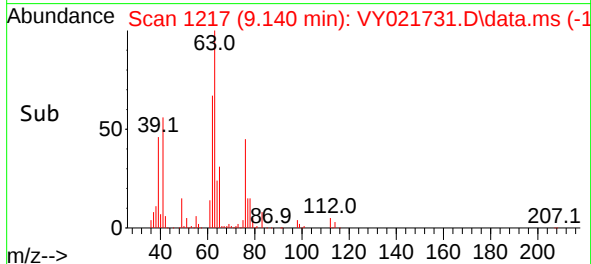
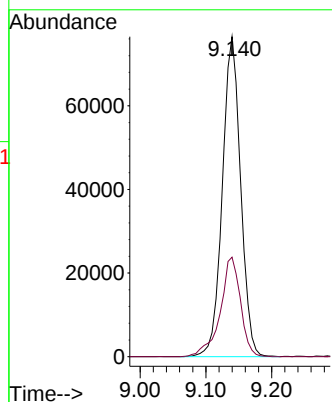
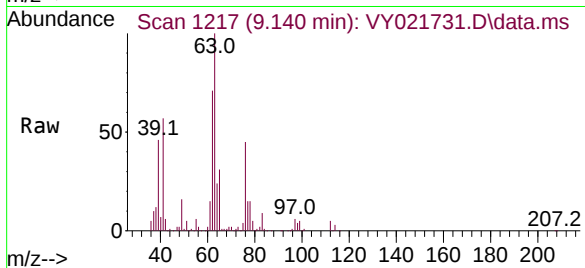
VSTDCCC050

Tgt Ion: 63 Resp: 148025

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 49.889 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

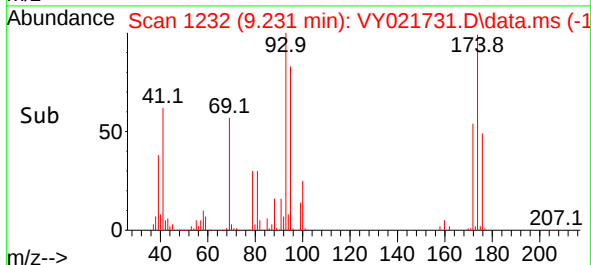
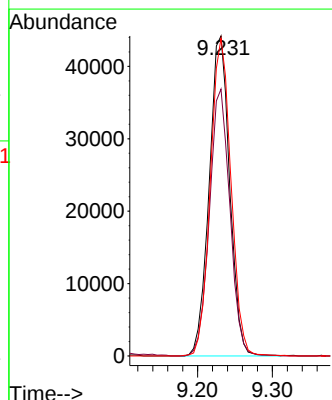
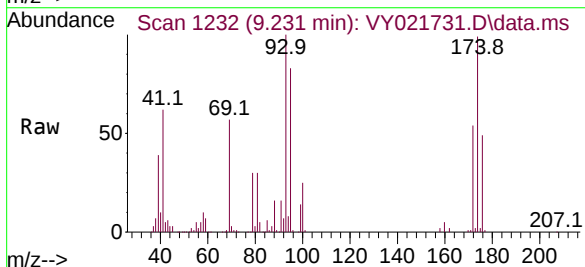
Tgt Ion: 93 Resp: 84173

Ion Ratio Lower Upper

93 100

95 83.2 68.1 102.1

174 99.7 80.9 121.3





#47

Bromodichloromethane

Concen: 50.556 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

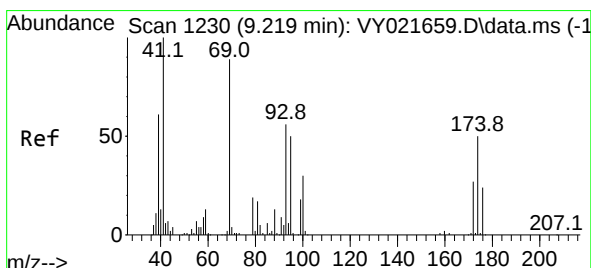
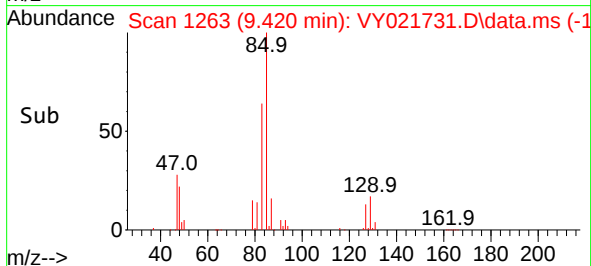
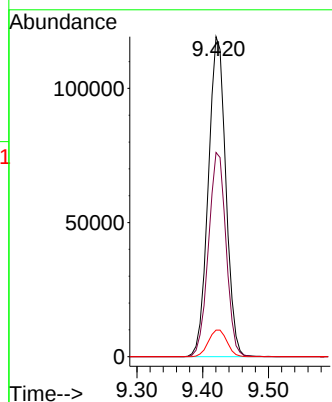
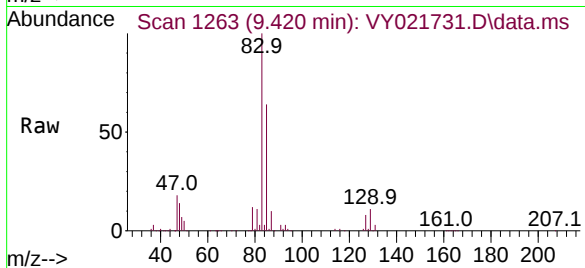
Tgt Ion: 83 Resp: 221026

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

127 8.3 6.8 10.2



#48

Methyl methacrylate

Concen: 49.779 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

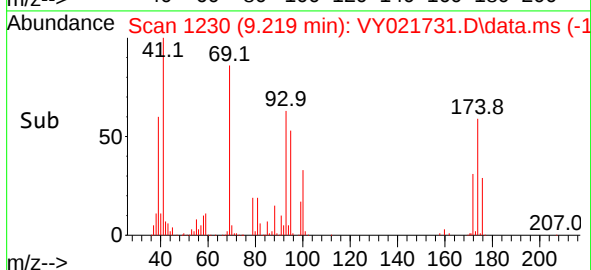
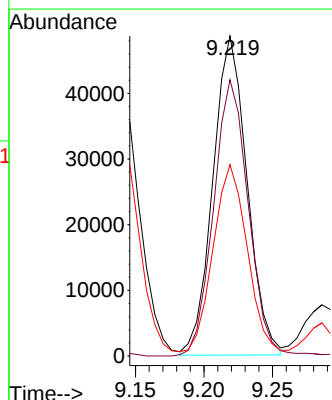
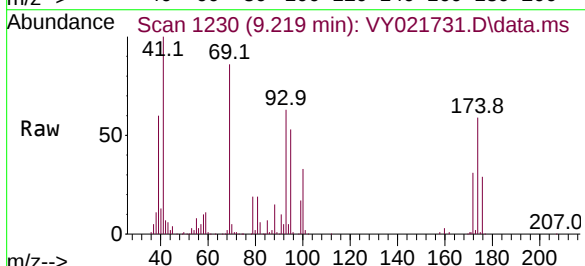
Tgt Ion: 41 Resp: 84385

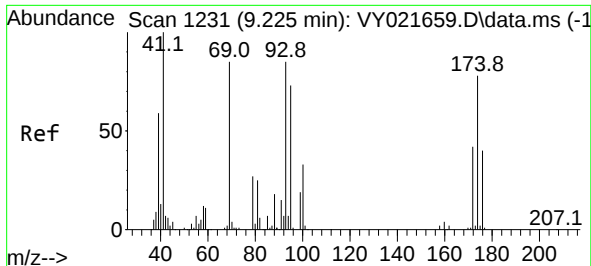
Ion Ratio Lower Upper

41 100

69 88.6 69.8 104.8

39 58.2 47.2 70.8





#49

1,4-Dioxane

Concen: 1019.727 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

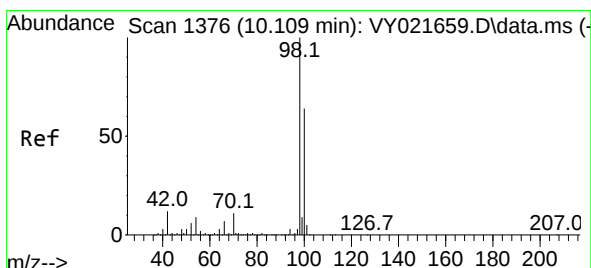
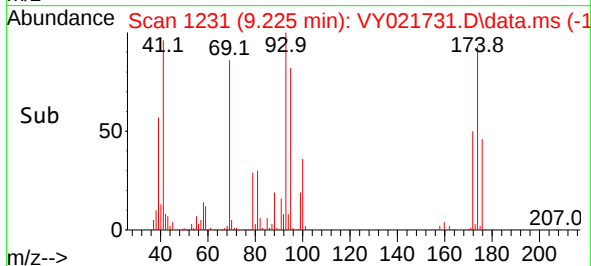
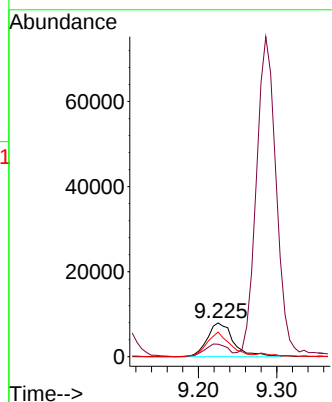
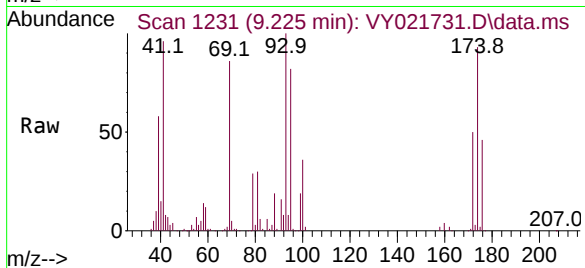
Tgt Ion: 88 Resp: 18431

Ion Ratio Lower Upper

88 100

43 33.1 28.8 43.2

58 64.4 59.4 89.2



#50

Toluene-d8

Concen: 49.740 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021731.D

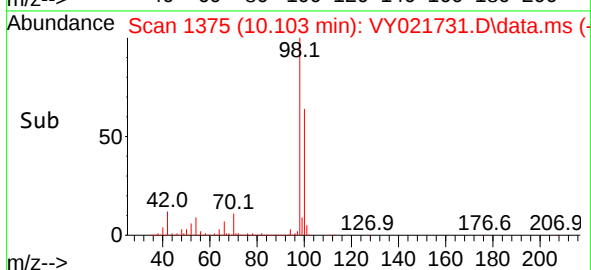
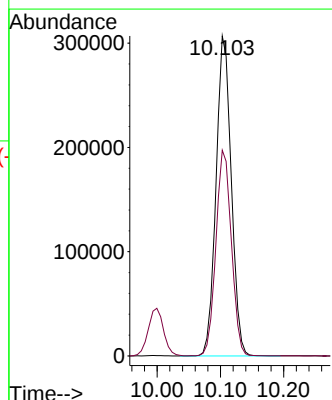
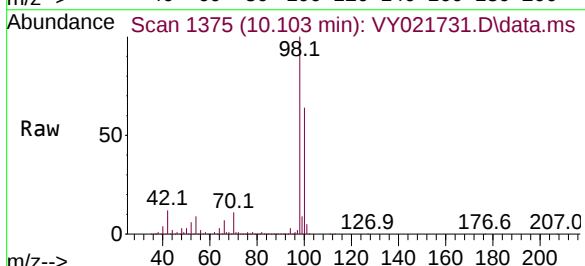
Acq: 01 Apr 2025 10:13

Tgt Ion: 98 Resp: 513066

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

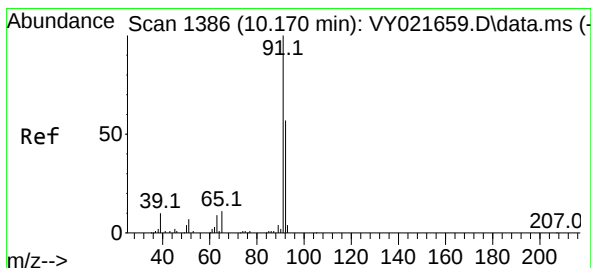
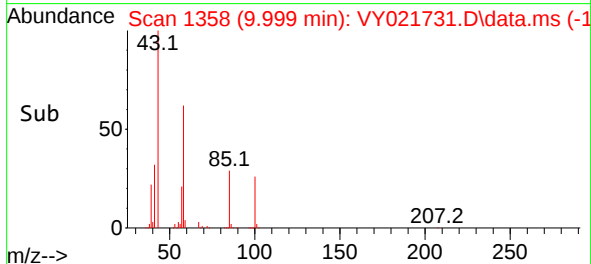
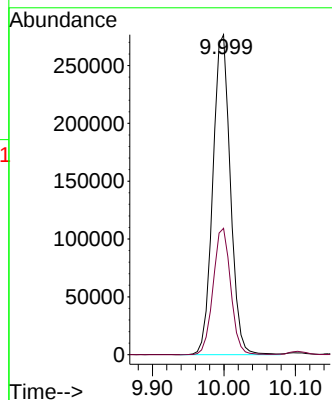
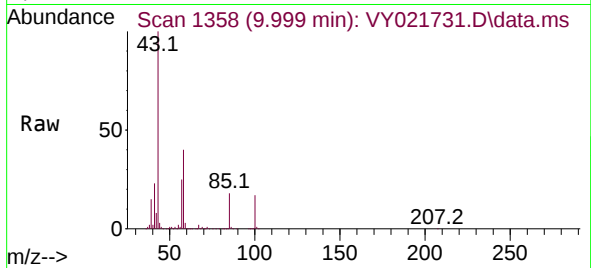




#51  
4-Methyl-2-Pentanone  
Concen: 244.928 ug/l  
RT: 9.999 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

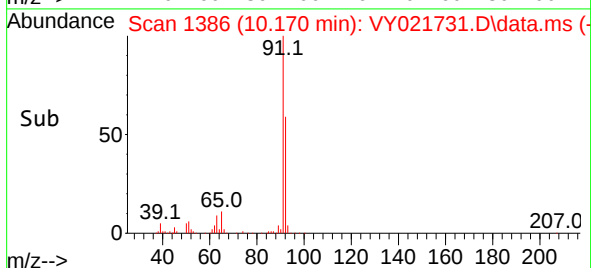
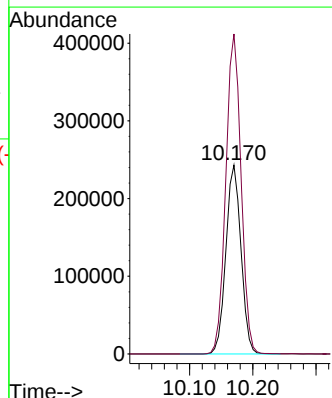
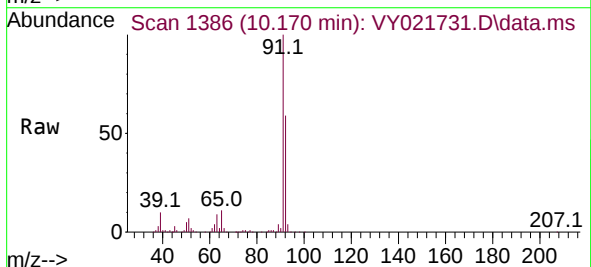
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

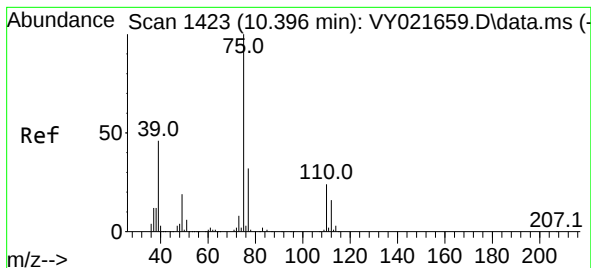
Tgt Ion: 43 Resp: 470787  
Ion Ratio Lower Upper  
43 100  
58 39.6 31.5 47.3



#52  
Toluene  
Concen: 52.098 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 92 Resp: 402014  
Ion Ratio Lower Upper  
92 100  
91 171.2 138.6 207.8

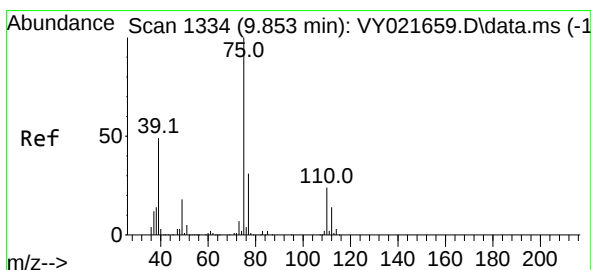
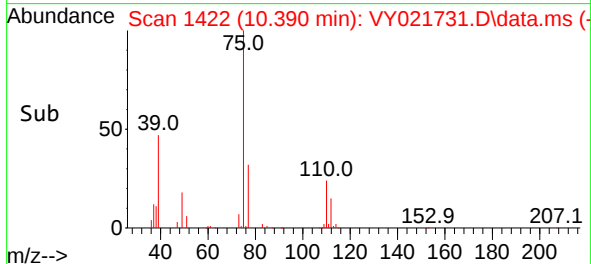
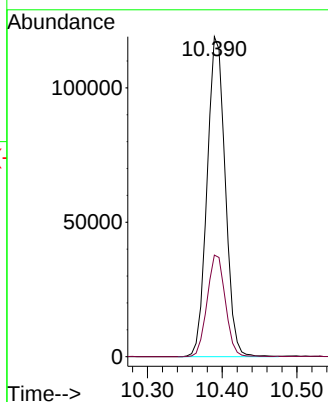
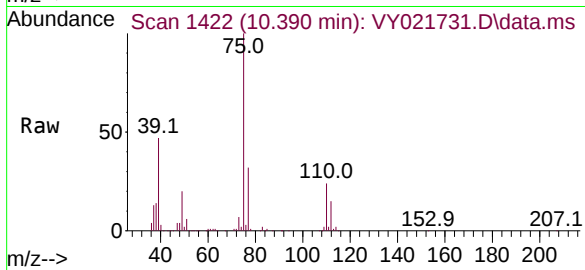




#53  
 t-1,3-Dichloropropene  
 Concen: 51.562 ug/l  
 RT: 10.390 min Scan# 1423  
 Delta R.T. -0.006 min  
 Lab File: VY021731.D  
 Acq: 01 Apr 2025 10:13

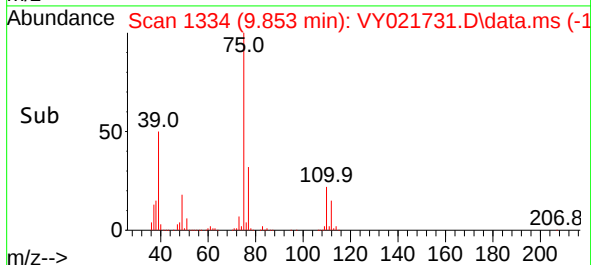
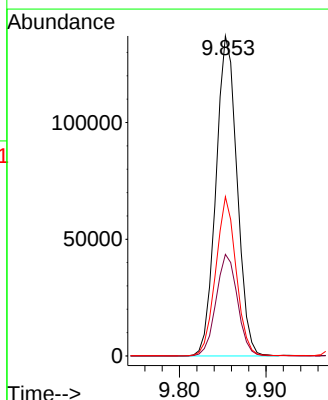
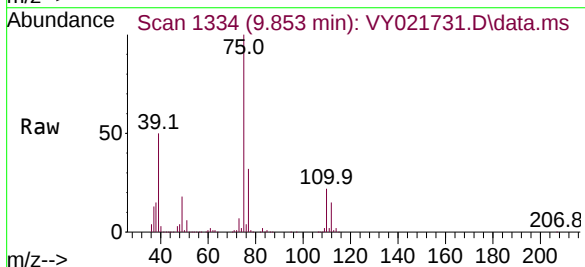
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

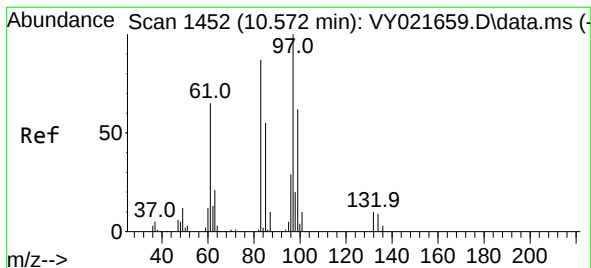
Tgt Ion: 75 Resp: 200228  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.675 ug/l  
 RT: 9.853 min Scan# 1334  
 Delta R.T. -0.000 min  
 Lab File: VY021731.D  
 Acq: 01 Apr 2025 10:13

Tgt Ion: 75 Resp: 232150  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.9 37.3  
 39 49.7 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 51.351 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 111496

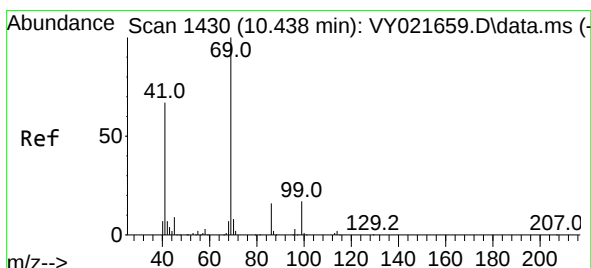
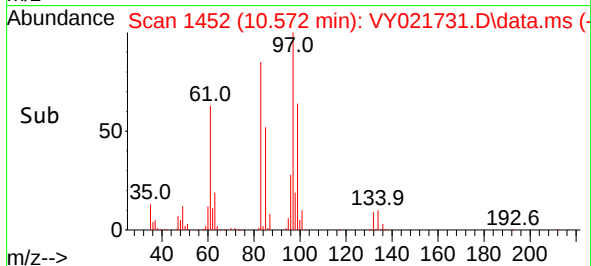
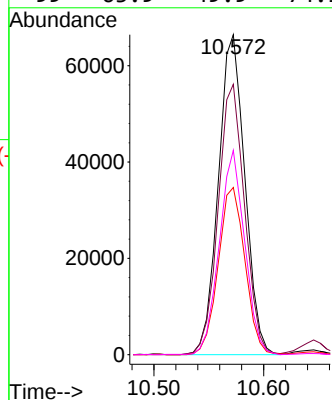
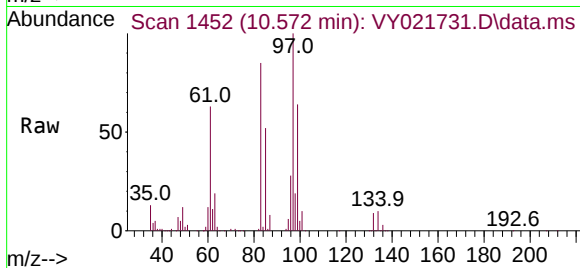
Ion Ratio Lower Upper

97 100

83 84.5 69.5 104.3

85 52.2 43.9 65.9

99 63.9 49.9 74.9



#56

Ethyl methacrylate

Concen: 53.145 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

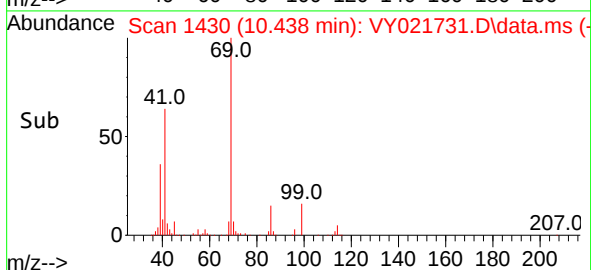
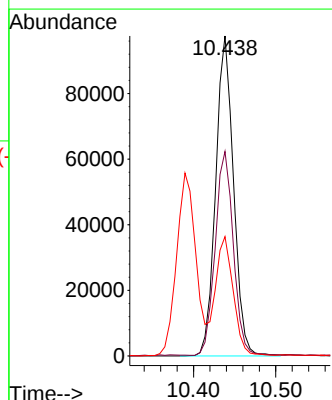
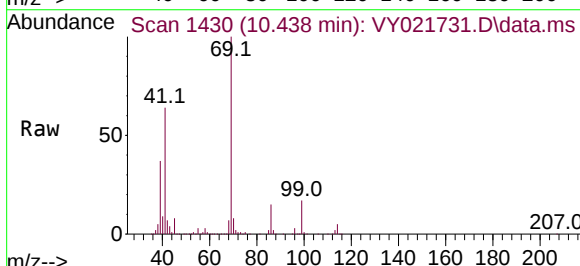
Tgt Ion: 69 Resp: 147342

Ion Ratio Lower Upper

69 100

41 64.8 53.8 80.6

39 37.5 29.6 44.4

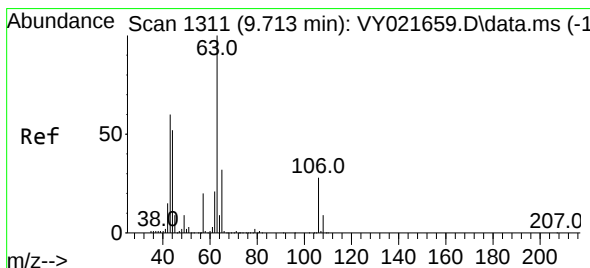
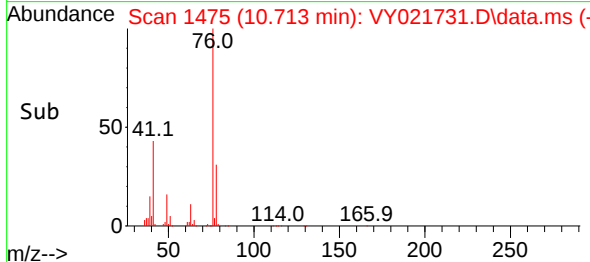
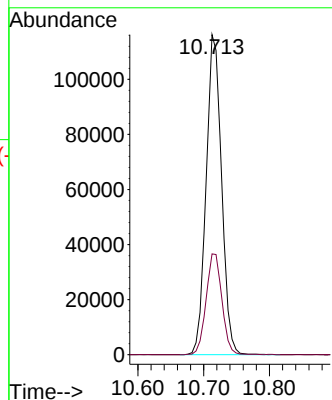
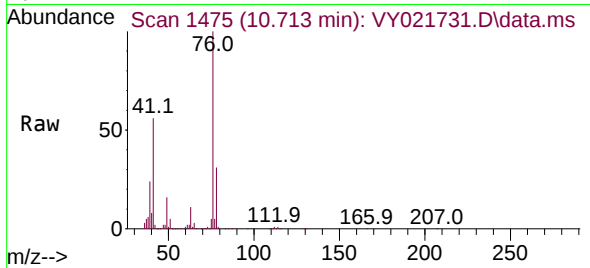




#57  
1,3-Dichloropropane  
Concen: 50.545 ug/l  
RT: 10.713 min Scan# 1476  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

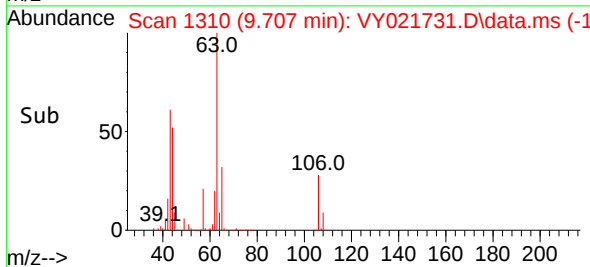
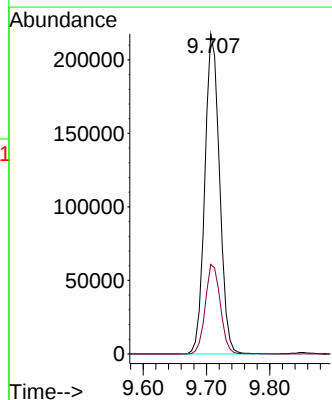
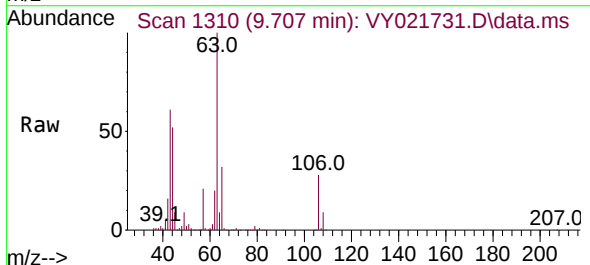
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

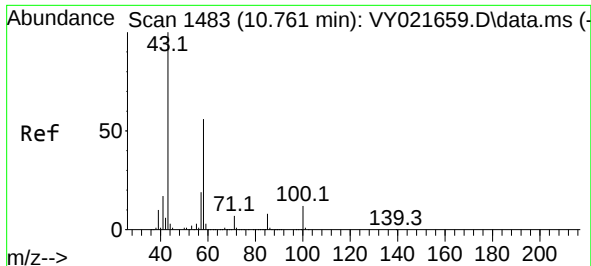
Tgt Ion: 76 Resp: 189537  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 261.293 ug/l  
RT: 9.707 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 63 Resp: 353396  
Ion Ratio Lower Upper  
63 100  
106 28.6 22.4 33.6

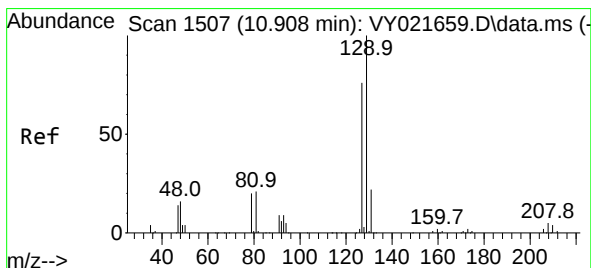
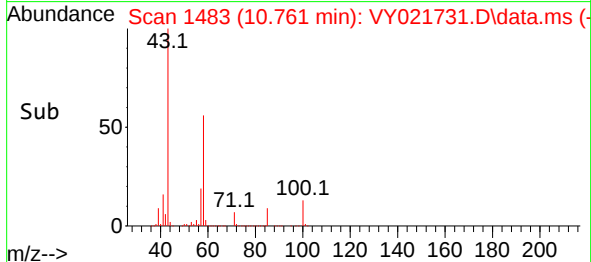
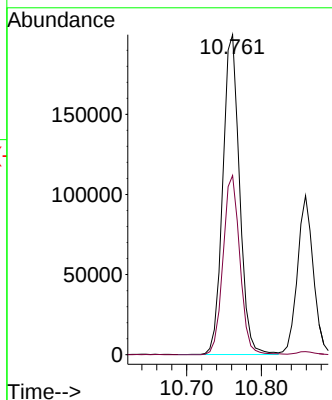
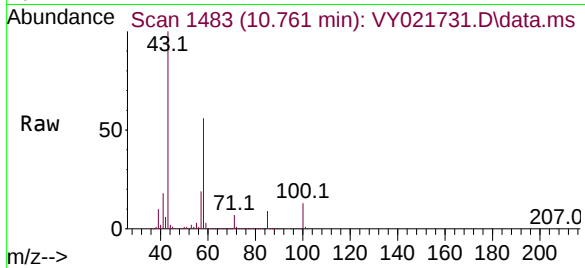




#59  
2-Hexanone  
Concen: 242.897 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

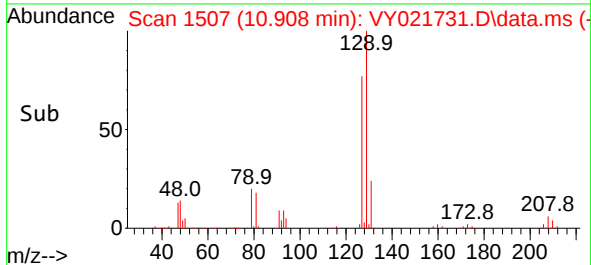
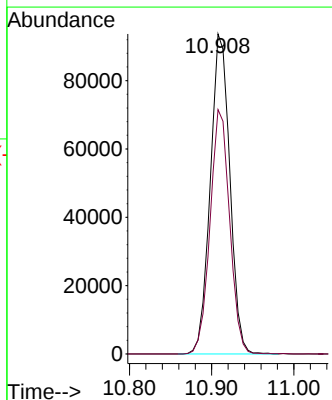
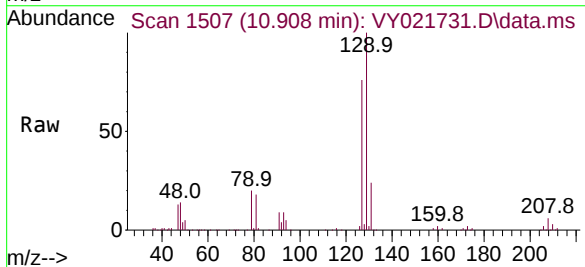
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

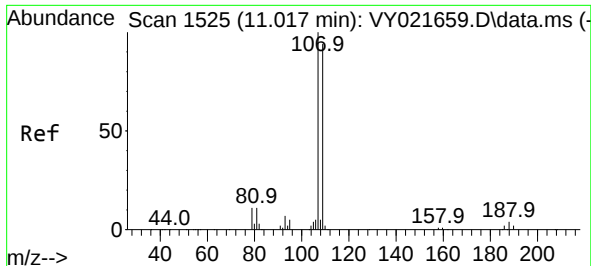
Tgt Ion: 43 Resp: 310936  
Ion Ratio Lower Upper  
43 100  
58 56.2 27.2 81.5



#60  
Dibromochloromethane  
Concen: 52.056 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 129 Resp: 154318  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.6 115.7

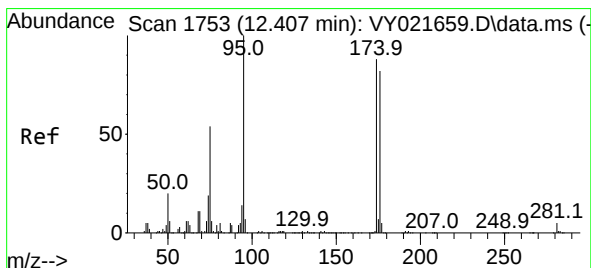
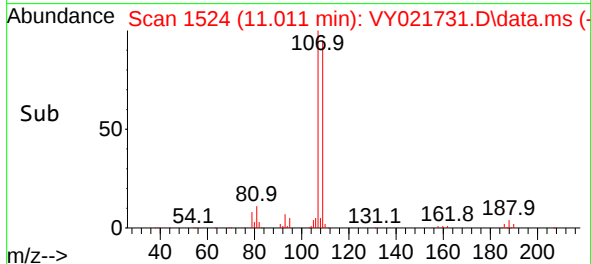
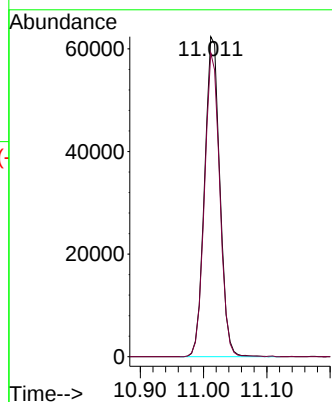
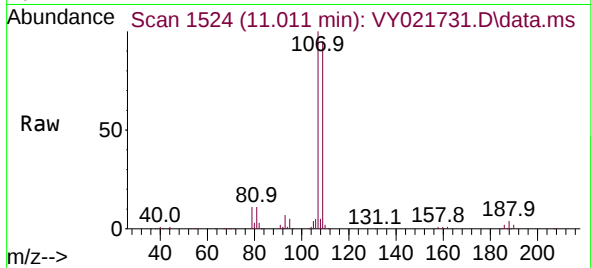




#61  
1,2-Dibromoethane  
Concen: 51.510 ug/l  
RT: 11.011 min Scan# 1524  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

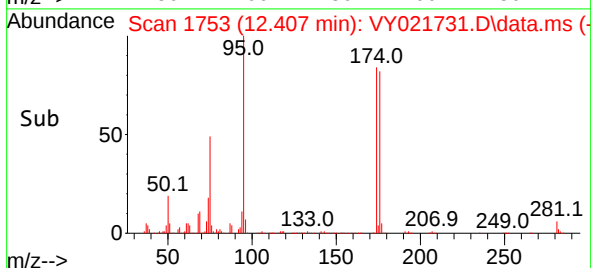
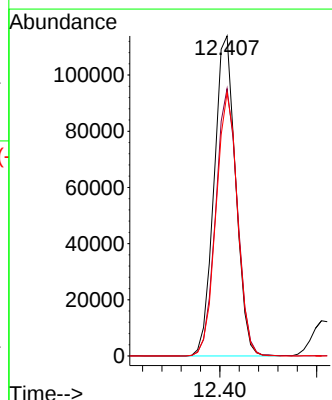
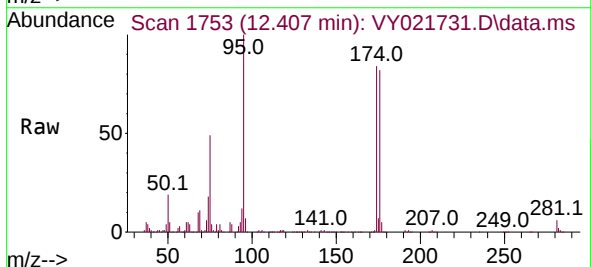
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

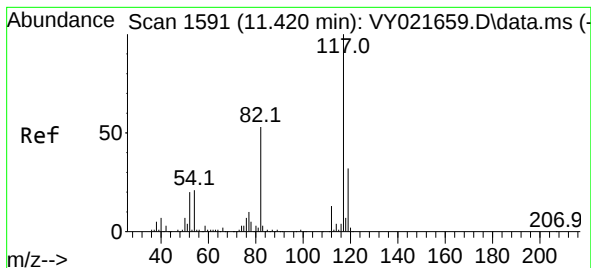
Tgt Ion:107 Resp: 104915  
Ion Ratio Lower Upper  
107 100  
109 94.8 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 50.479 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 95 Resp: 176122  
Ion Ratio Lower Upper  
95 100  
174 83.9 0.0 170.8  
176 81.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

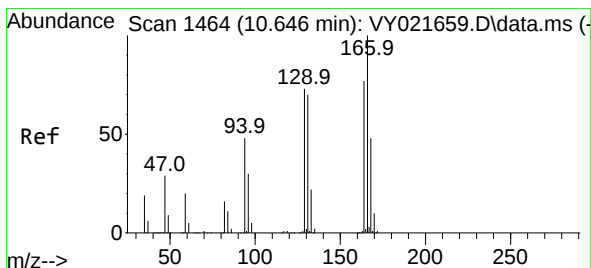
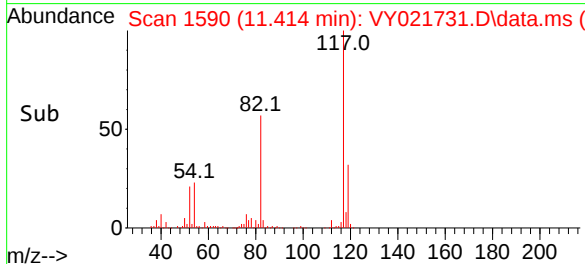
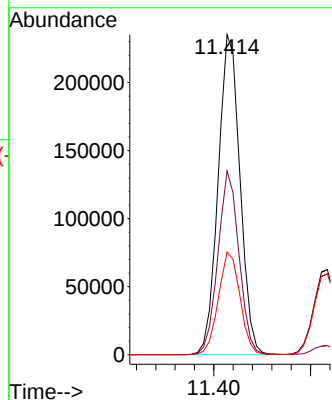
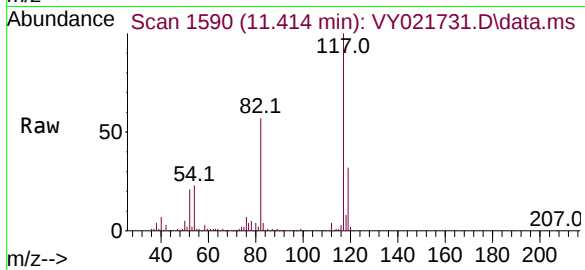
Tgt Ion:117 Resp: 368359

Ion Ratio Lower Upper

117 100

82 57.4 42.8 64.2

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 51.108 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Tgt Ion:164 Resp: 171463

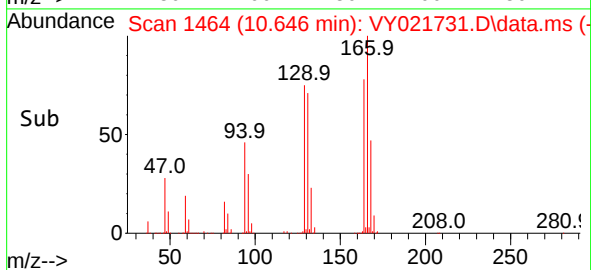
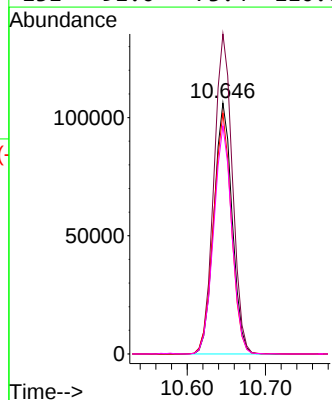
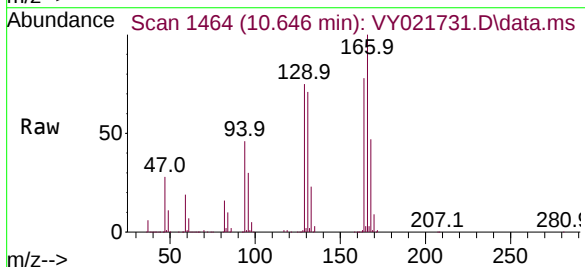
Ion Ratio Lower Upper

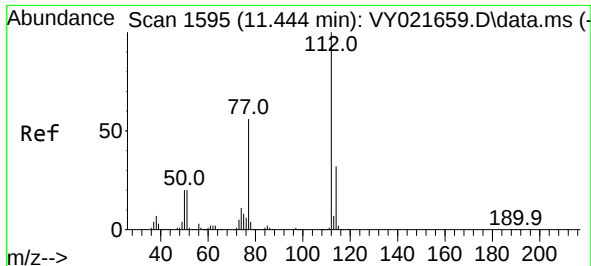
164 100

166 127.6 104.6 156.8

129 96.1 76.6 114.8

131 91.0 73.4 110.0

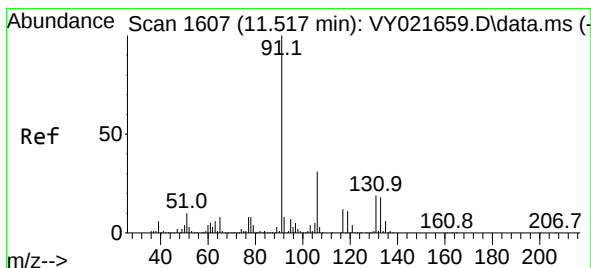
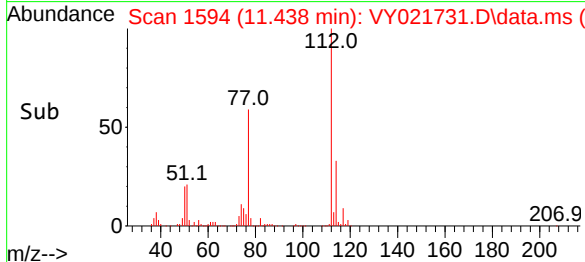
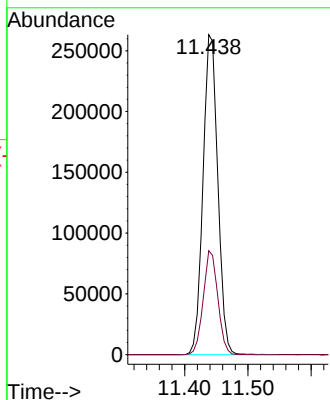
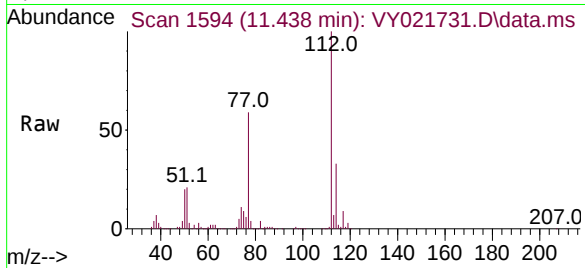




#65  
Chlorobenzene  
Concen: 50.741 ug/l  
RT: 11.438 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

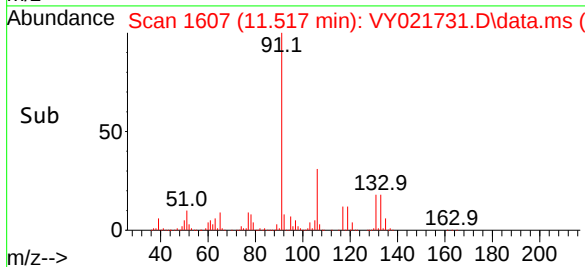
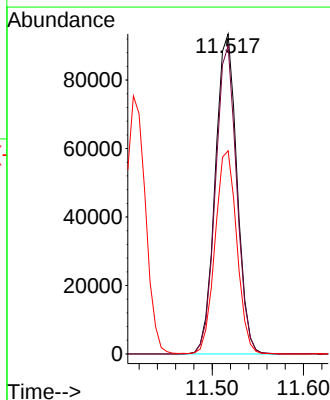
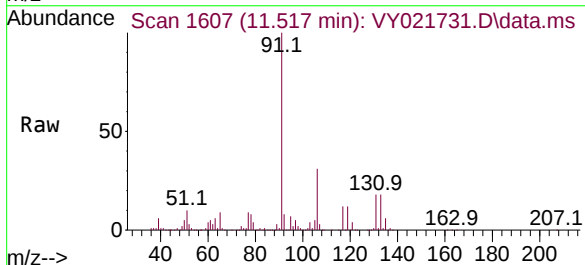
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

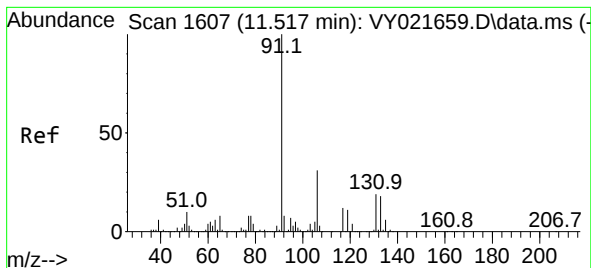
Tgt Ion:112 Resp: 428457  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.410 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion:131 Resp: 154021  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.3 141.8  
119 63.8 31.6 95.0

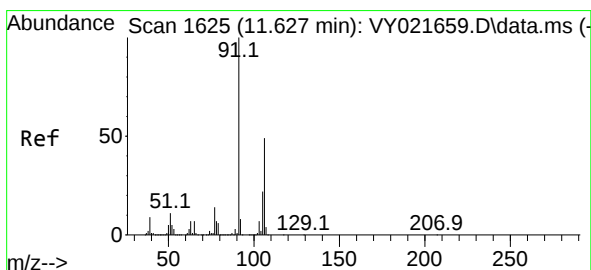
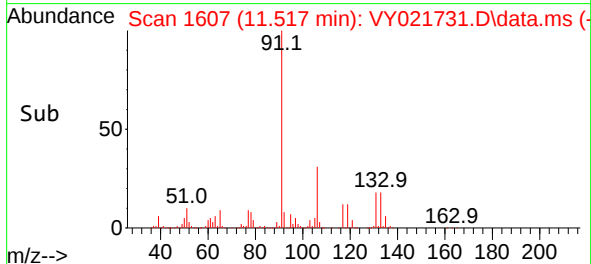
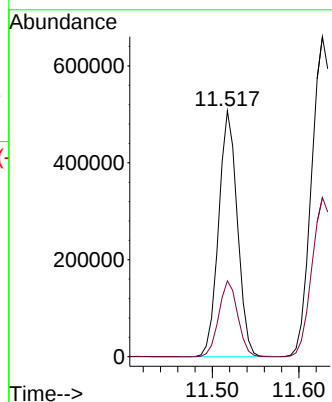
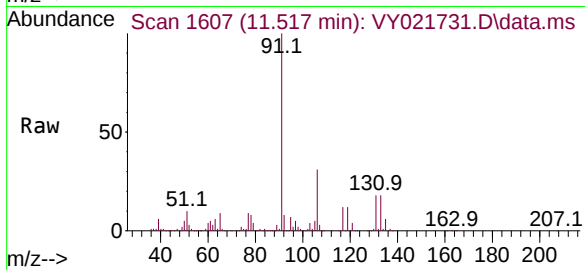




#67  
Ethyl Benzene  
Concen: 52.616 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

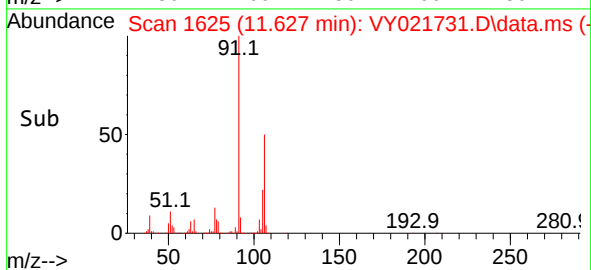
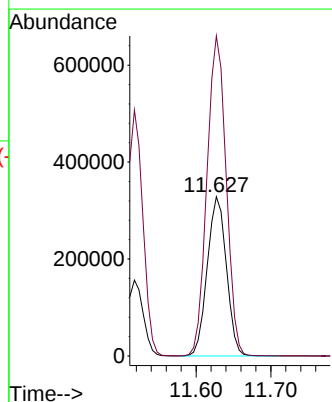
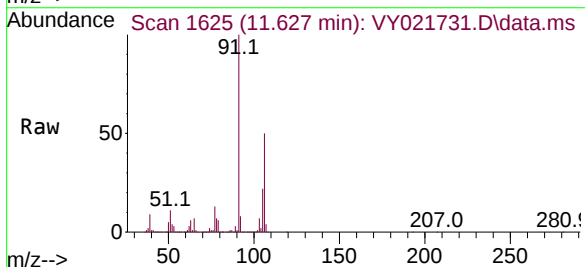
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

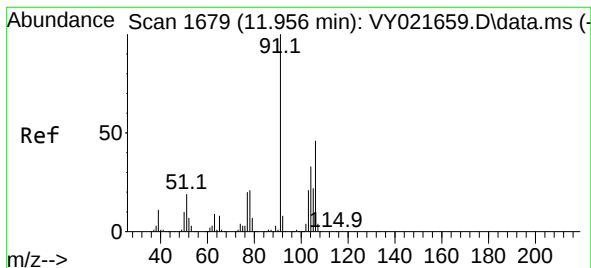
Tgt Ion: 91 Resp: 761863  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.6 36.8



#68  
m/p-Xylenes  
Concen: 105.148 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion:106 Resp: 583007  
Ion Ratio Lower Upper  
106 100  
91 201.7 162.4 243.6





#69

o-Xylene

Concen: 53.570 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

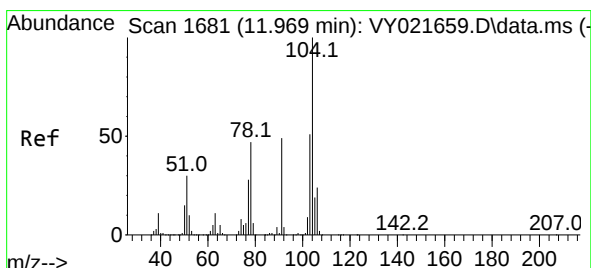
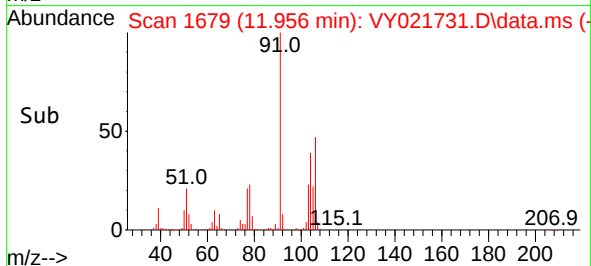
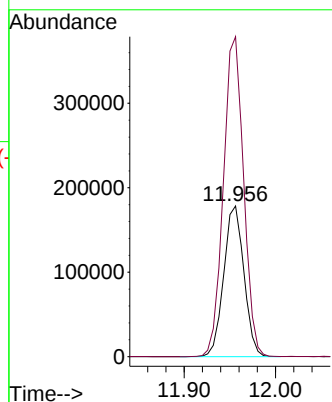
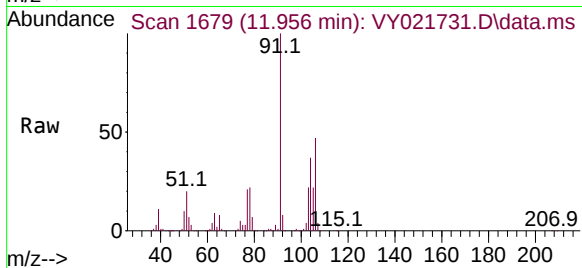
VSTDCCC050

Tgt Ion:106 Resp: 274181

Ion Ratio Lower Upper

106 100

91 212.6 106.7 319.9



#70

Styrene

Concen: 54.619 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

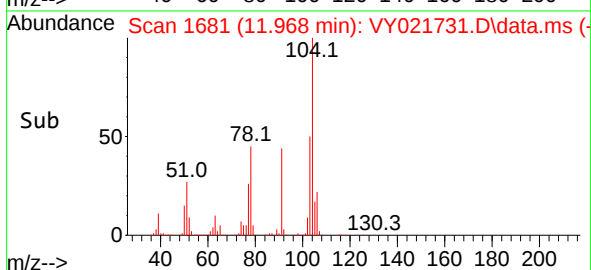
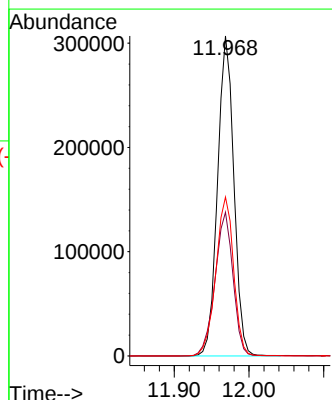
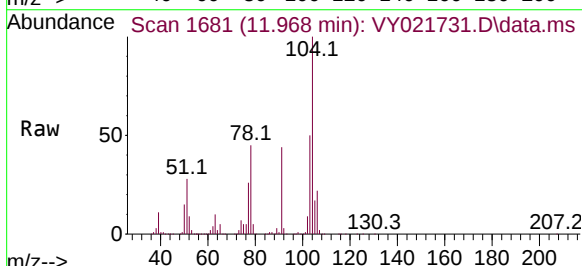
Tgt Ion:104 Resp: 466097

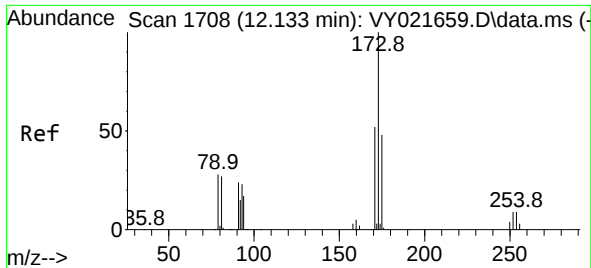
Ion Ratio Lower Upper

104 100

78 49.5 40.8 61.2

103 54.3 44.2 66.2

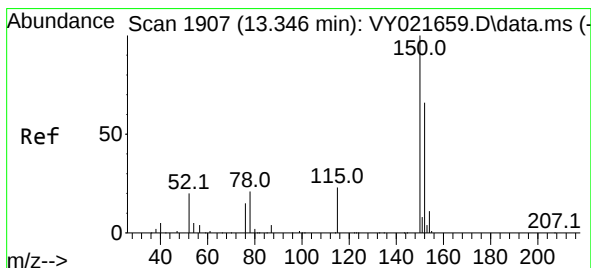
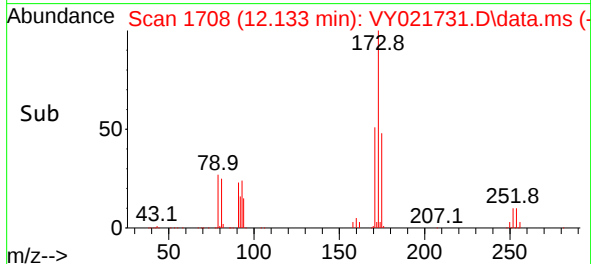
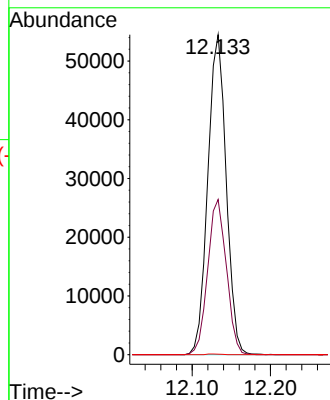
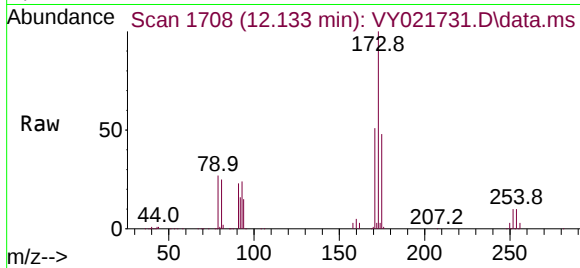




#71  
Bromoform  
Concen: 51.793 ug/l  
RT: 12.133 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

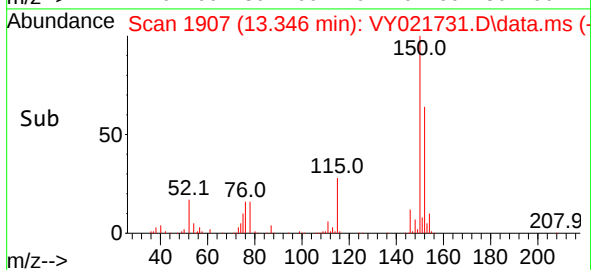
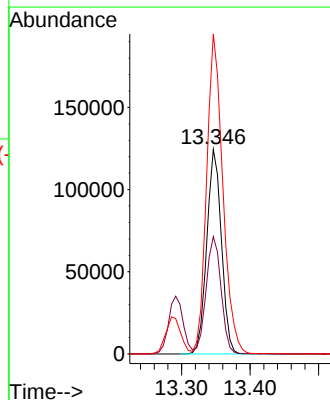
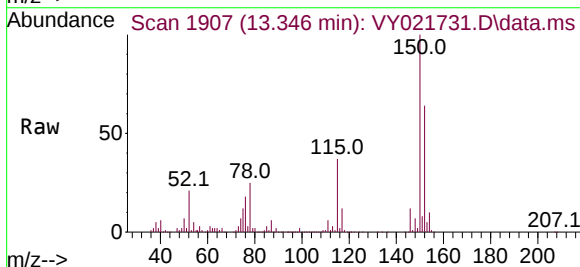
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

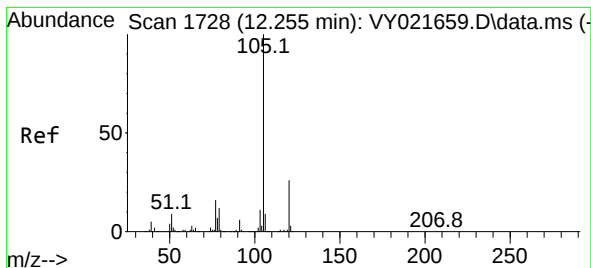
Tgt Ion:173 Resp: 88511  
Ion Ratio Lower Upper  
173 100  
175 49.4 24.3 73.0  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.346 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion:152 Resp: 185609  
Ion Ratio Lower Upper  
152 100  
115 58.5 28.8 86.5  
150 172.3 0.0 348.4





#73

Isopropylbenzene

Concen: 52.872 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

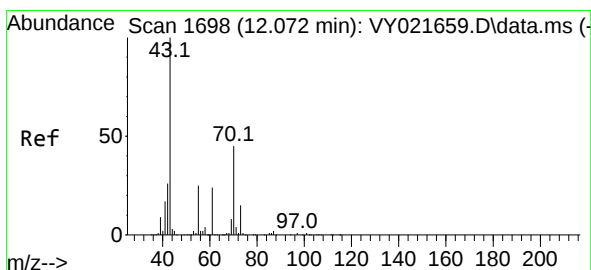
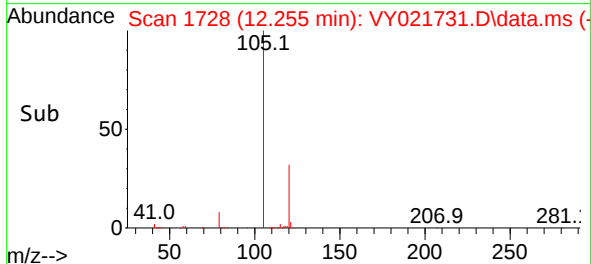
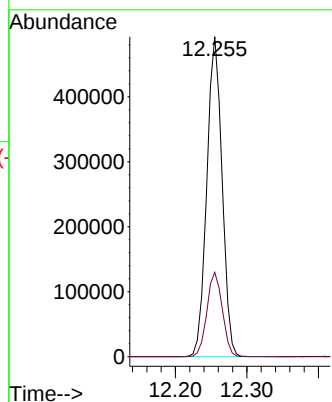
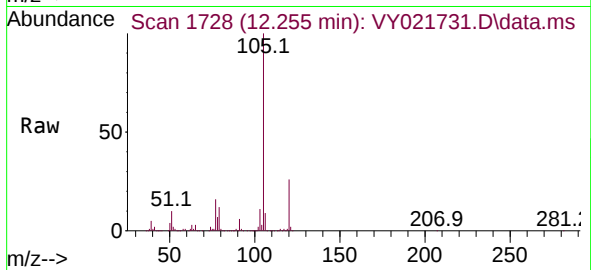
VSTDCCC050

Tgt Ion:105 Resp: 728894

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 49.600 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Tgt Ion: 43 Resp: 160475

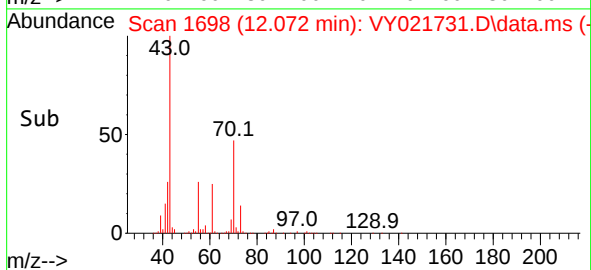
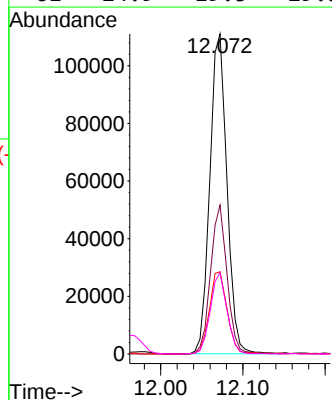
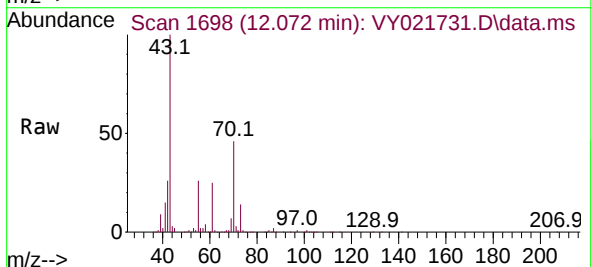
Ion Ratio Lower Upper

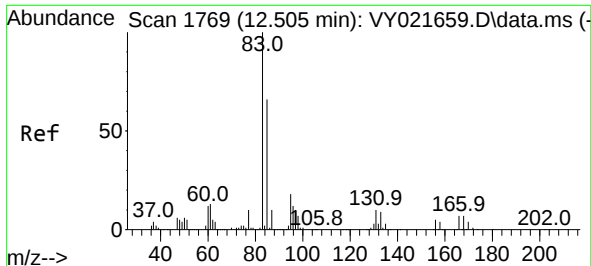
43 100

70 44.9 34.7 52.1

55 26.9 21.2 31.8

61 24.9 19.5 29.3

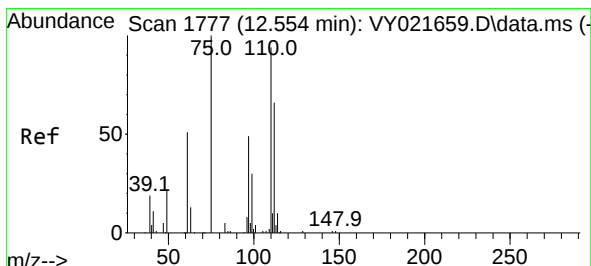
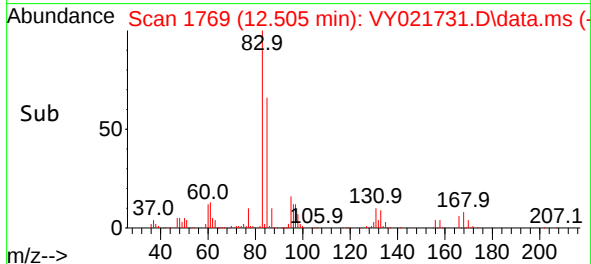
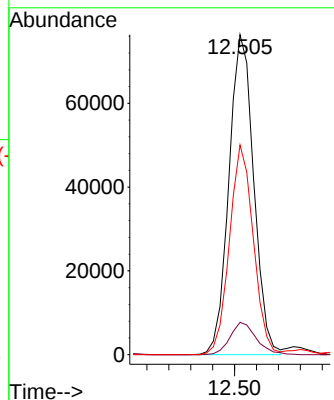
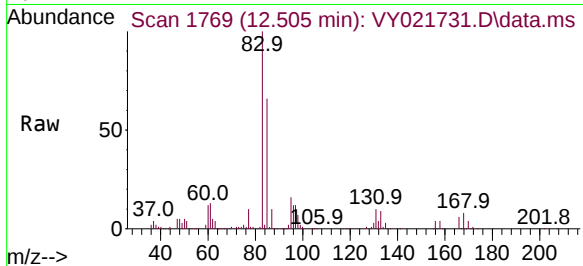




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.393 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.000 min  
 Lab File: VY021731.D  
 Acq: 01 Apr 2025 10:13

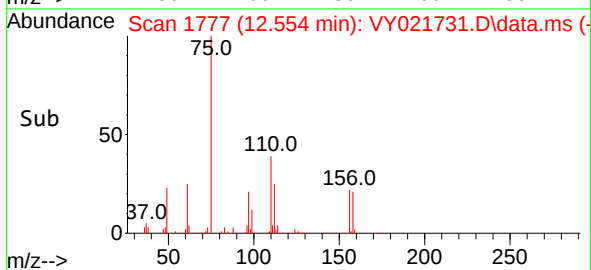
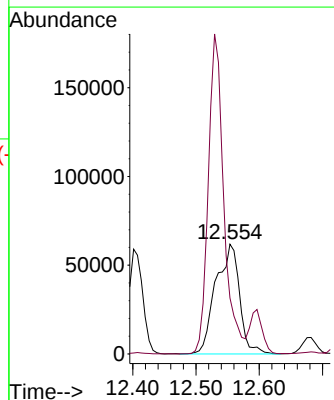
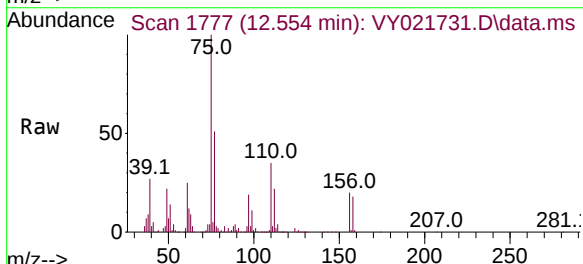
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

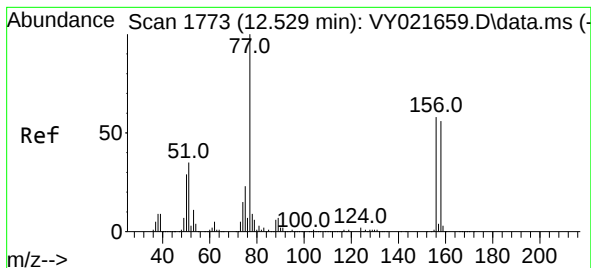
Tgt Ion: 83 Resp: 119944  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.1 15.3  
 85 63.2 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 87.800 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.000 min  
 Lab File: VY021731.D  
 Acq: 01 Apr 2025 10:13

Tgt Ion: 75 Resp: 161540  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.092 ug/l

RT: 12.535 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

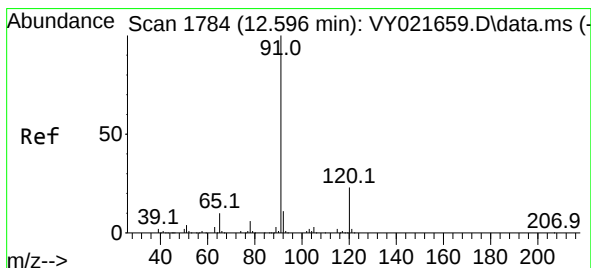
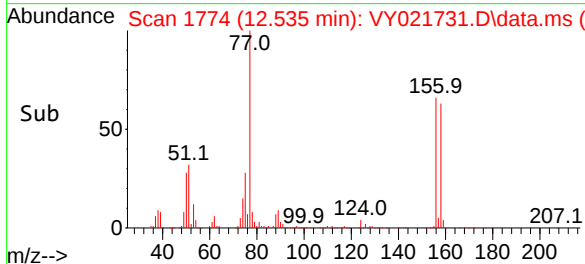
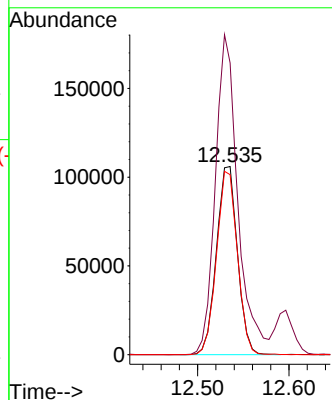
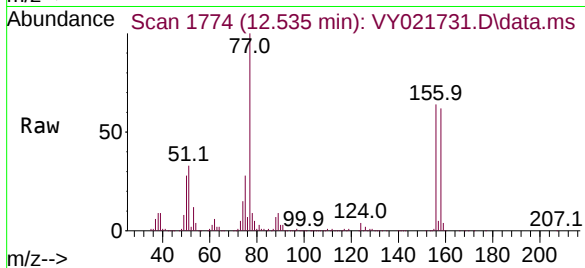
Tgt Ion:156 Resp: 169113

Ion Ratio Lower Upper

156 100

77 182.9 92.8 278.3

158 96.9 48.5 145.6



#78

n-propylbenzene

Concen: 52.863 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY021731.D

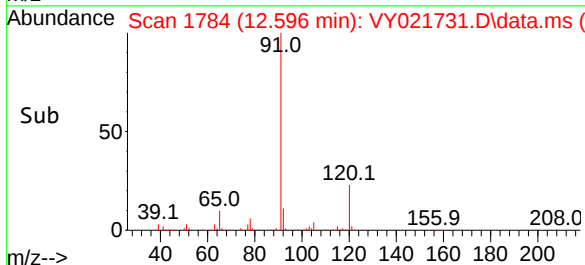
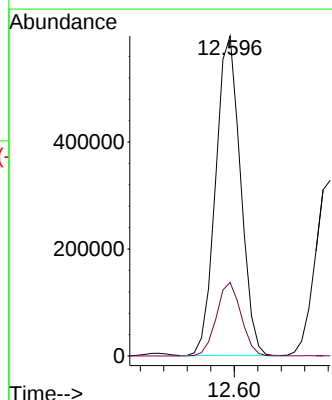
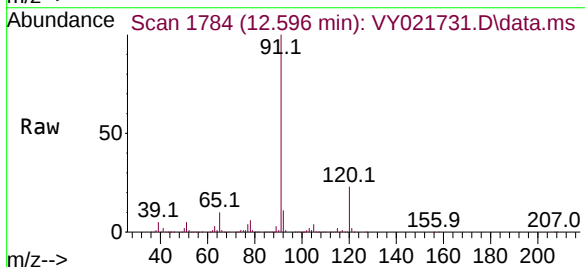
Acq: 01 Apr 2025 10:13

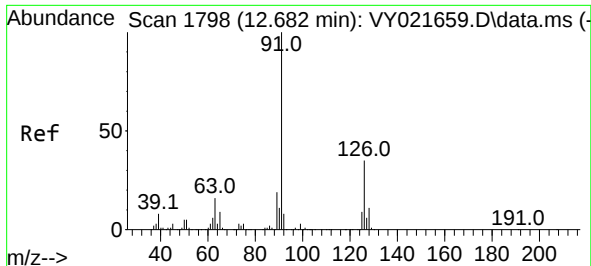
Tgt Ion: 91 Resp: 876144

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

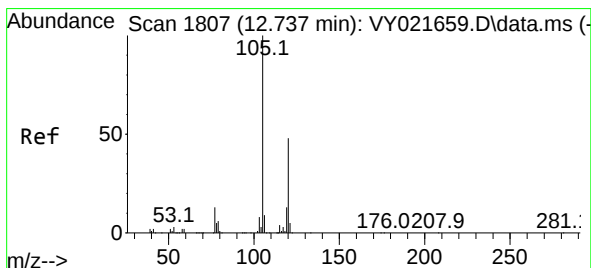
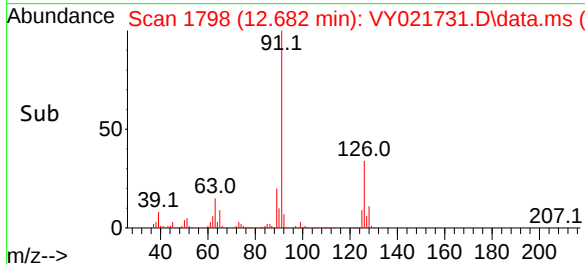
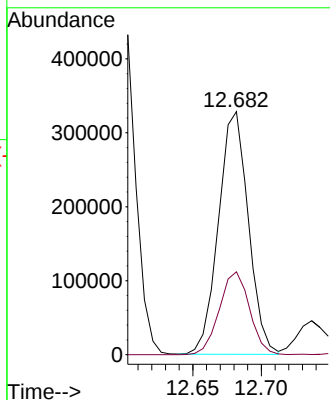
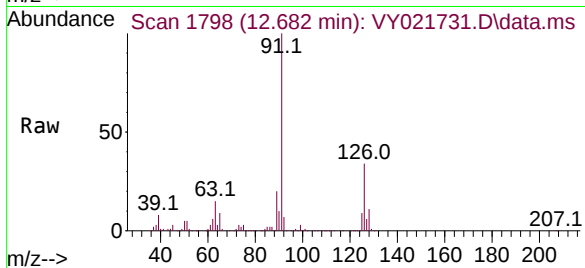




#79  
2-Chlorotoluene  
Concen: 51.750 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

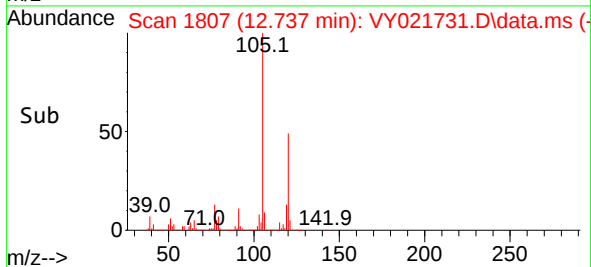
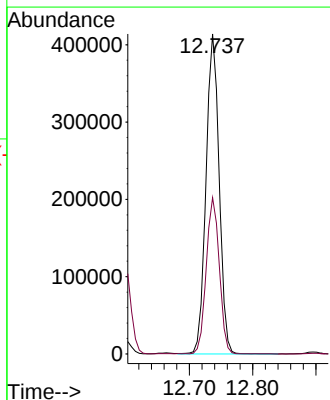
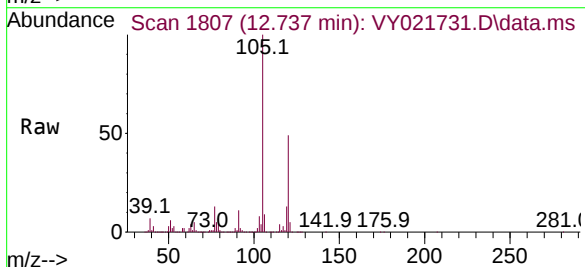
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

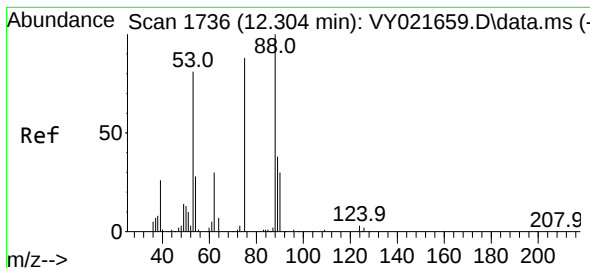
Tgt Ion: 91 Resp: 498171  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.3 52.0



#80  
1,3,5-Trimethylbenzene  
Concen: 53.071 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 105 Resp: 597954  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.5 73.5

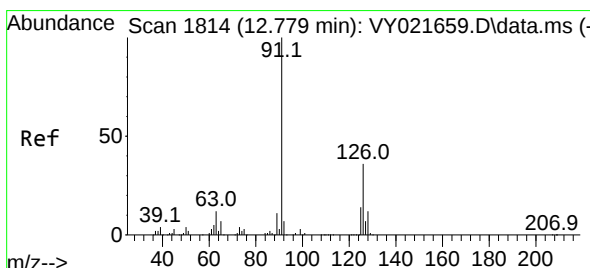
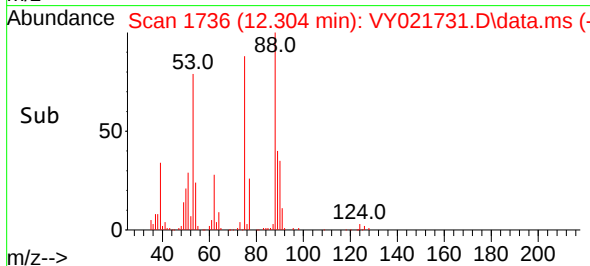
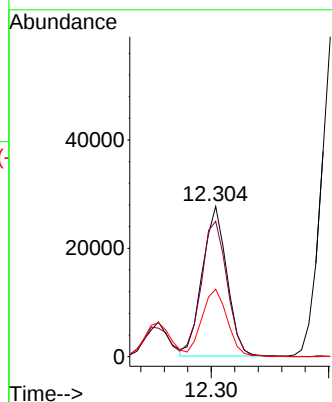
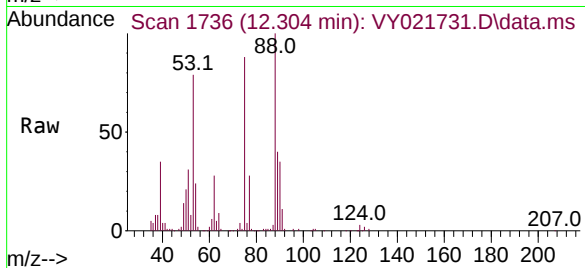




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.188 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

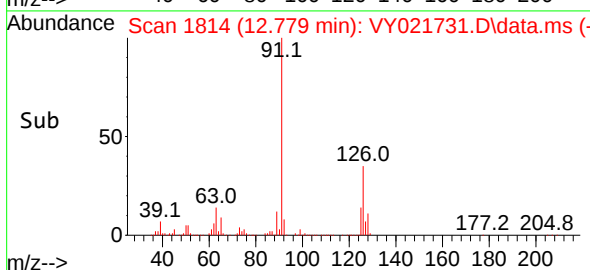
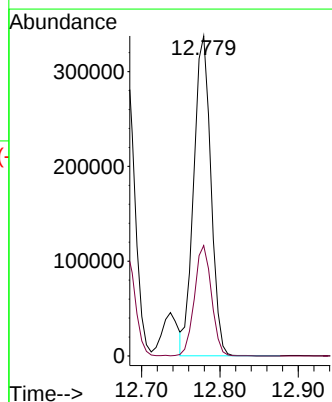
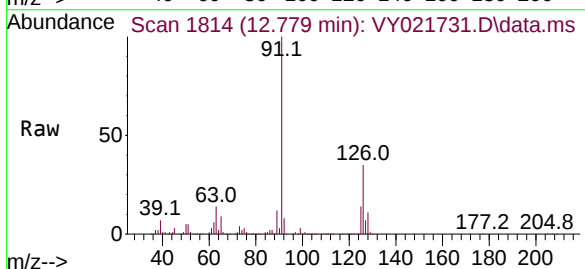
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

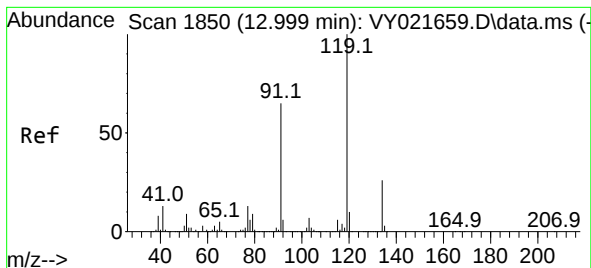
Tgt Ion: 75 Resp: 40075  
Ion Ratio Lower Upper  
75 100  
53 96.3 76.1 114.1  
89 46.6 36.2 54.4



#82  
4-Chlorotoluene  
Concen: 51.186 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion: 91 Resp: 513706  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.0 50.9

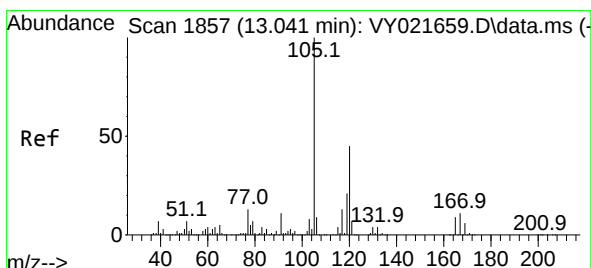
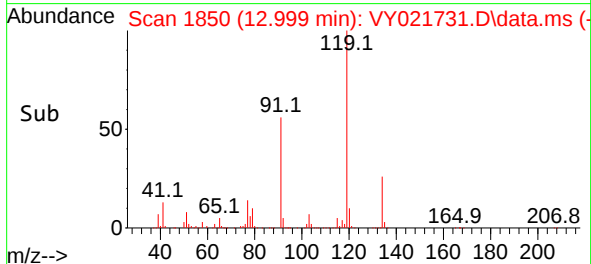
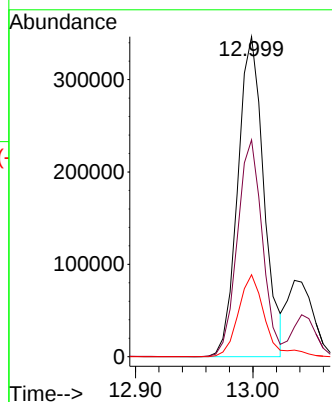
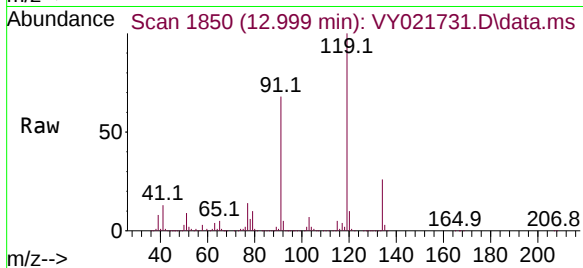




#83  
tert-Butylbenzene  
Concen: 53.141 ug/l  
RT: 12.999 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

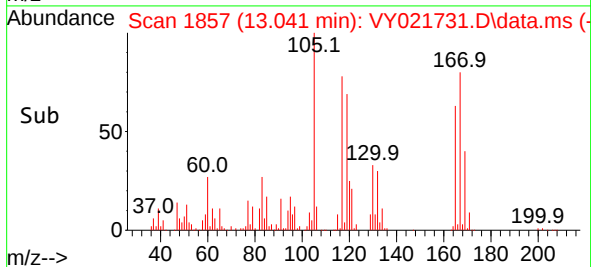
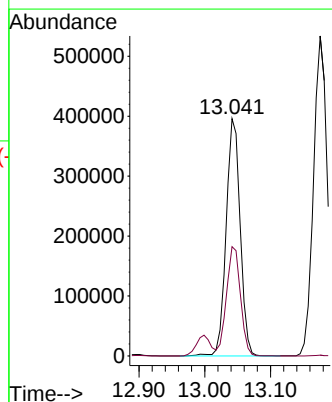
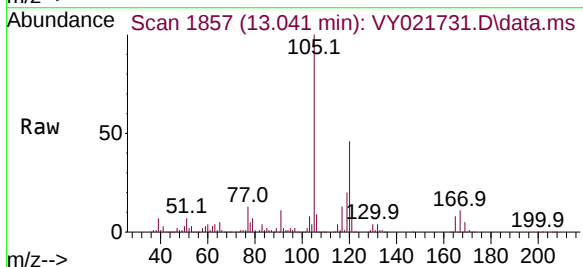
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

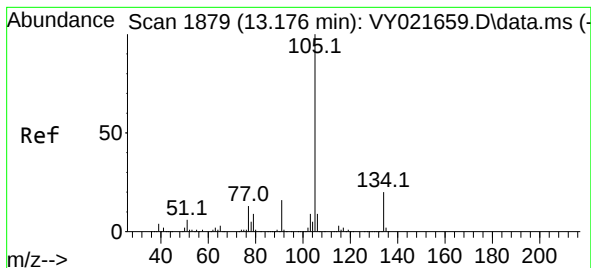
Tgt Ion:119 Resp: 533297  
Ion Ratio Lower Upper  
119 100  
91 65.0 32.6 97.7  
134 26.2 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 52.796 ug/l  
RT: 13.041 min Scan# 1857  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion:105 Resp: 587932  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.059 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

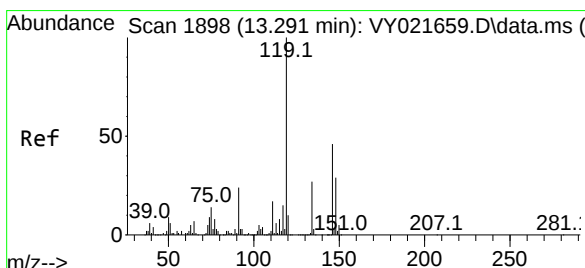
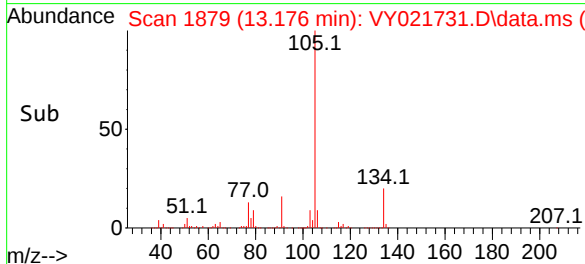
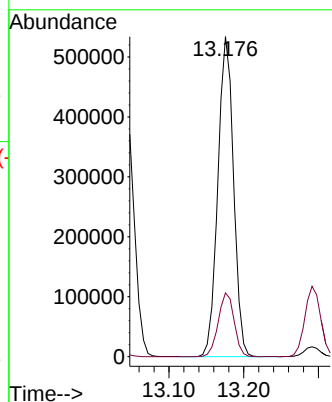
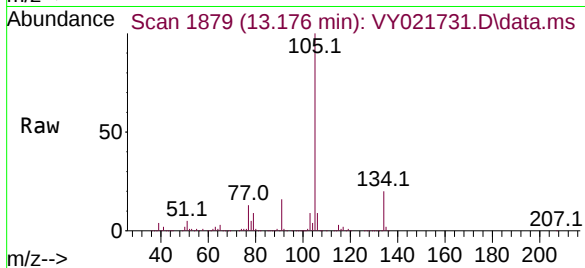
VSTDCCC050

Tgt Ion:105 Resp: 778157

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.853 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

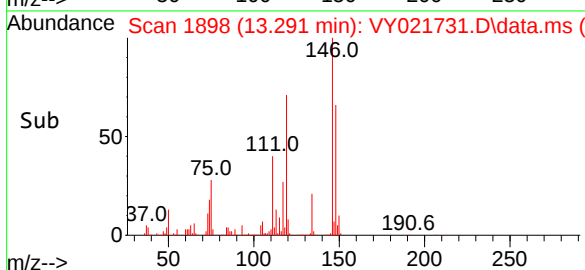
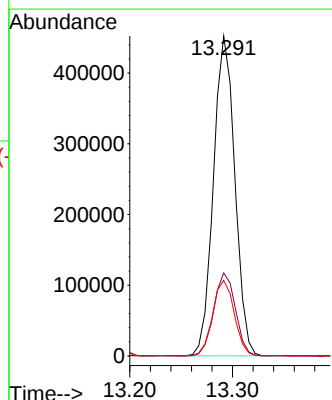
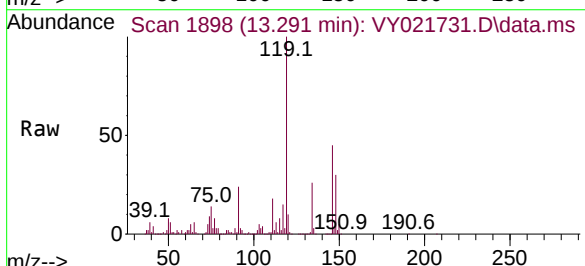
Tgt Ion:119 Resp: 652775

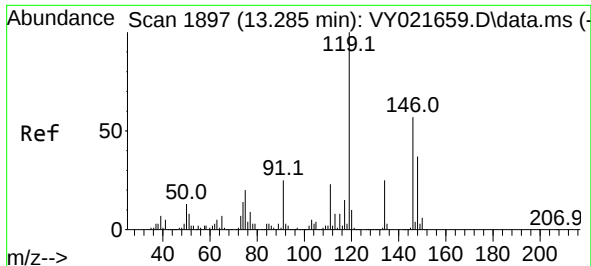
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.9 12.0 36.0

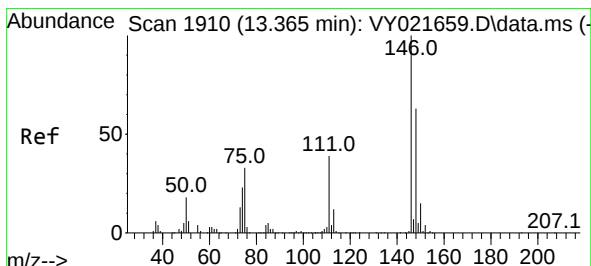
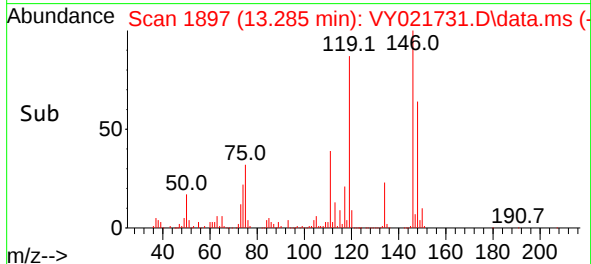
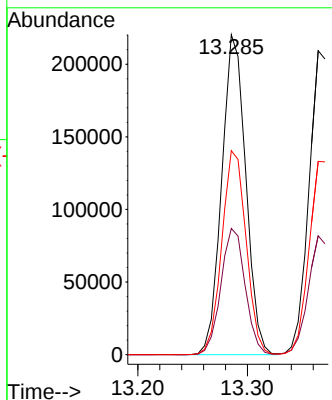
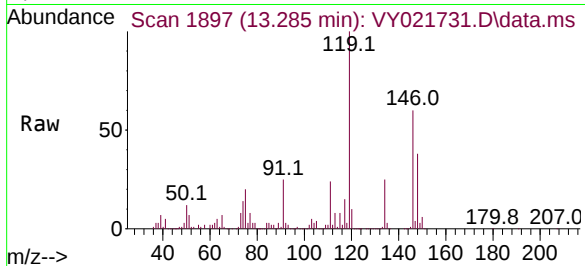




#87  
1,3-Dichlorobenzene  
Concen: 51.450 ug/l  
RT: 13.285 min Scan# 1897  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

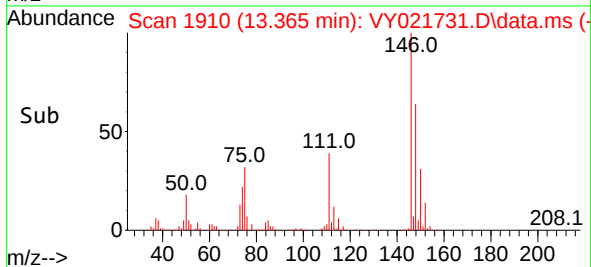
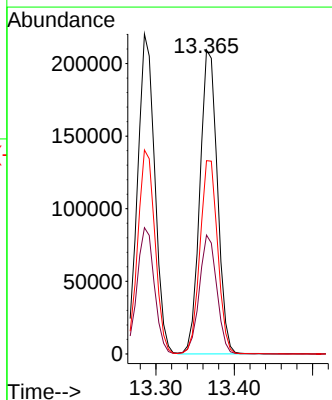
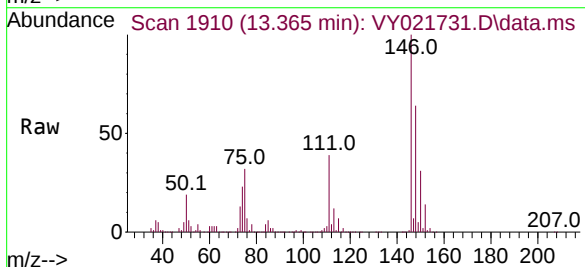
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

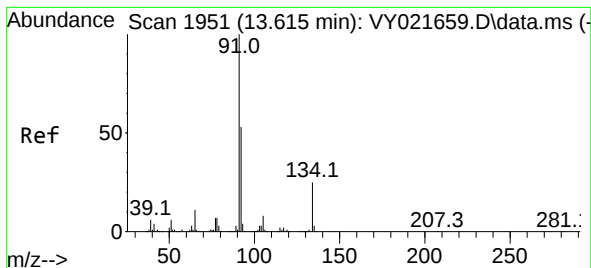
Tgt Ion:146 Resp: 335519  
Ion Ratio Lower Upper  
146 100  
111 39.9 20.0 60.0  
148 64.5 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 50.410 ug/l  
RT: 13.365 min Scan# 1910  
Delta R.T. -0.000 min  
Lab File: VY021731.D  
Acq: 01 Apr 2025 10:13

Tgt Ion:146 Resp: 324792  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.1 57.1  
148 64.3 31.5 94.5





#89

n-Butylbenzene

Concen: 53.515 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

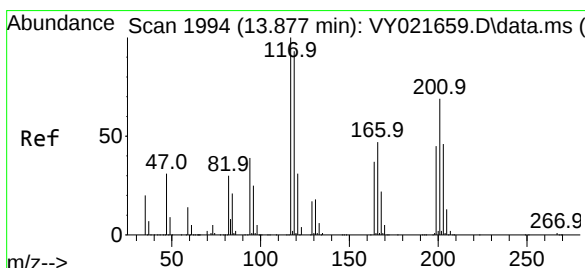
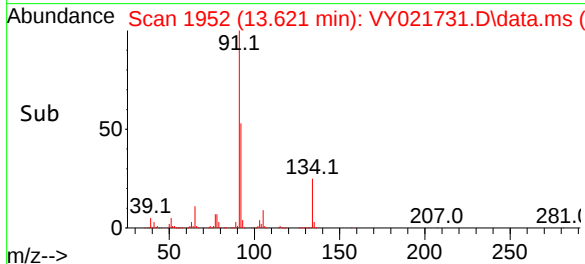
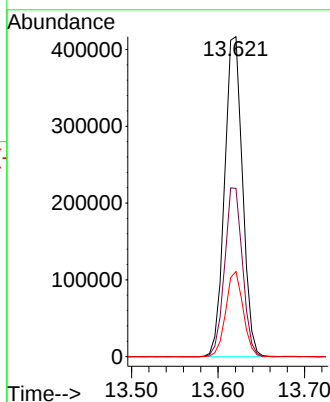
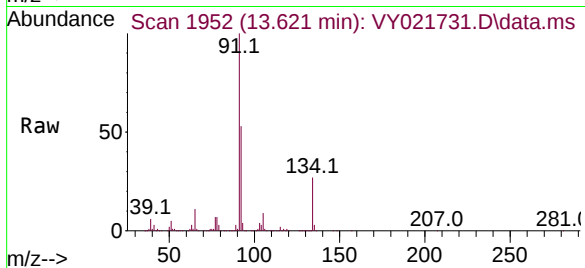
Tgt Ion: 91 Resp: 599905

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.8 12.8 38.4



#90

Hexachloroethane

Concen: 50.349 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021731.D

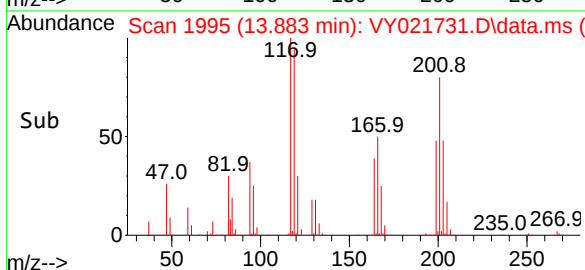
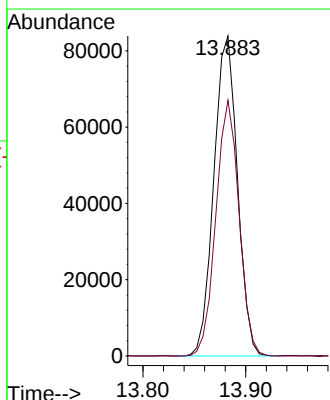
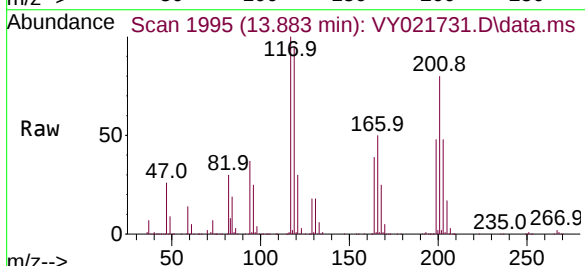
Acq: 01 Apr 2025 10:13

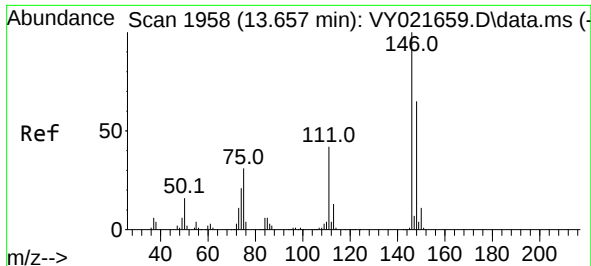
Tgt Ion: 117 Resp: 133741

Ion Ratio Lower Upper

117 100

201 78.4 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 51.280 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

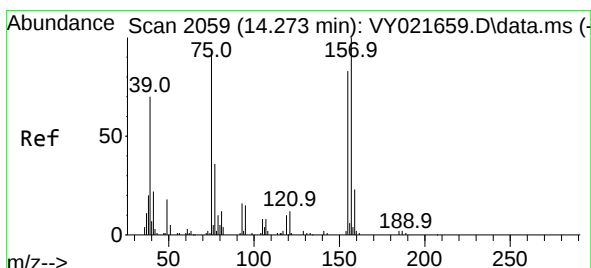
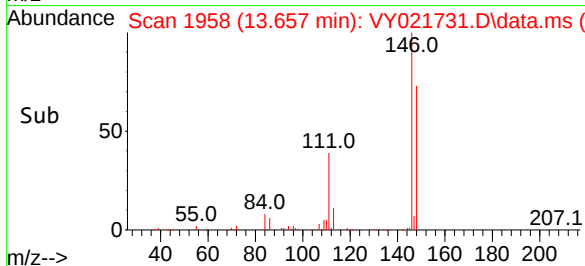
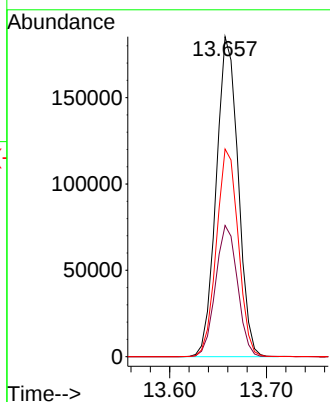
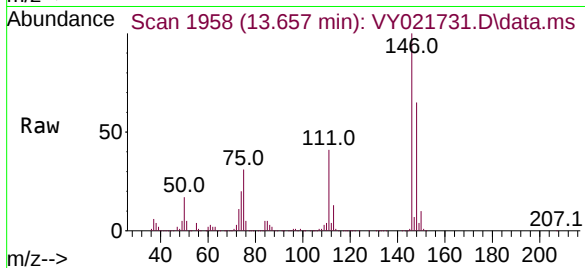
Tgt Ion:146 Resp: 291106

Ion Ratio Lower Upper

146 100

111 41.2 20.7 62.1

148 64.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.978 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

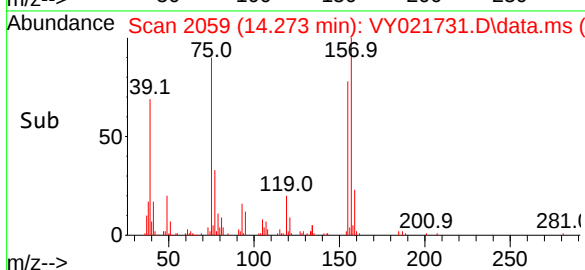
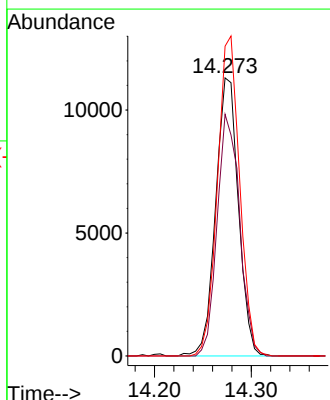
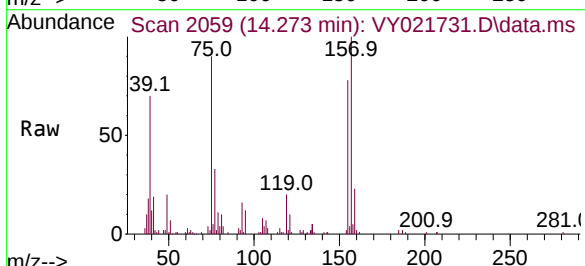
Tgt Ion: 75 Resp: 18431

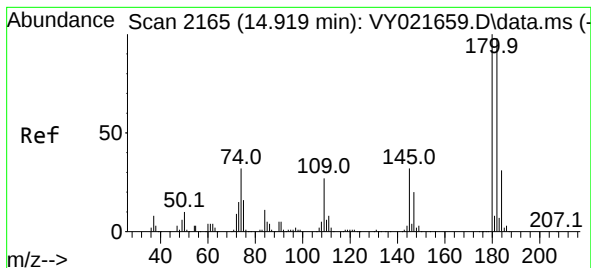
Ion Ratio Lower Upper

75 100

155 85.8 43.0 128.8

157 112.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.551 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

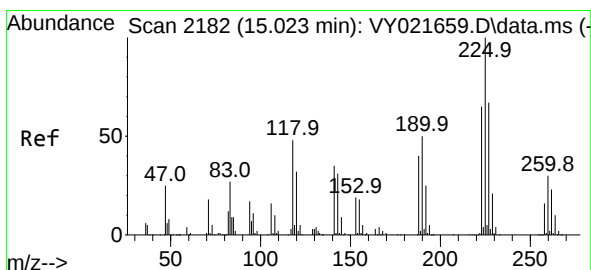
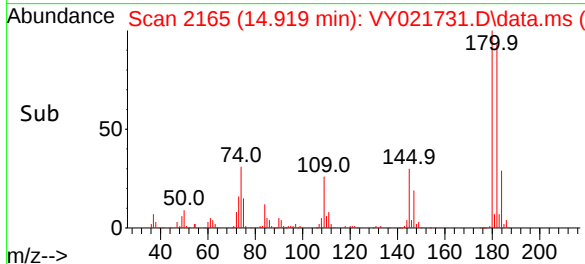
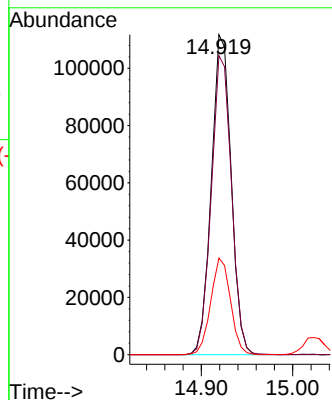
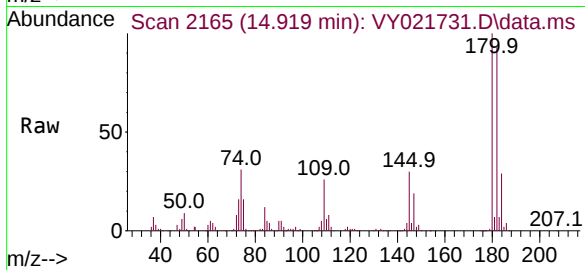
Tgt Ion:180 Resp: 167937

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 30.1 14.9 44.9



#94

Hexachlorobutadiene

Concen: 52.955 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

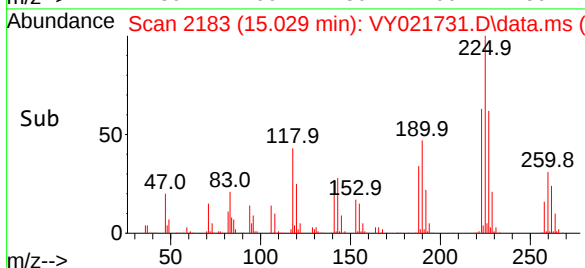
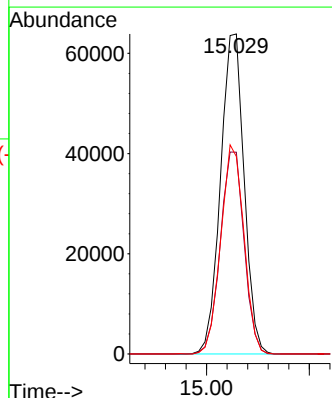
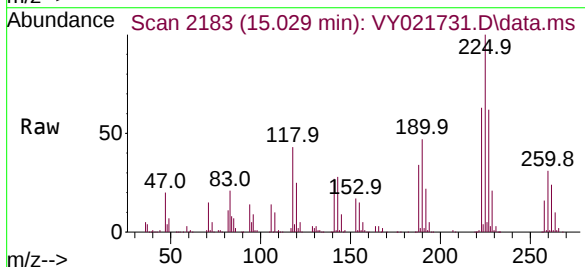
Tgt Ion:225 Resp: 101814

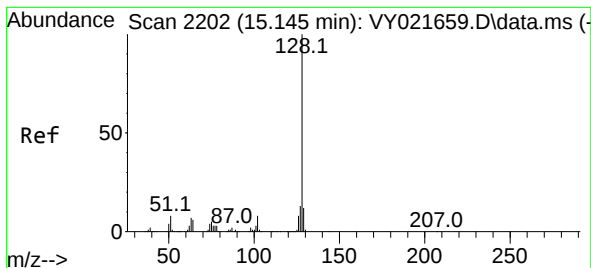
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.7

227 64.2 32.4 97.0





#95

Naphthalene

Concen: 55.186 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

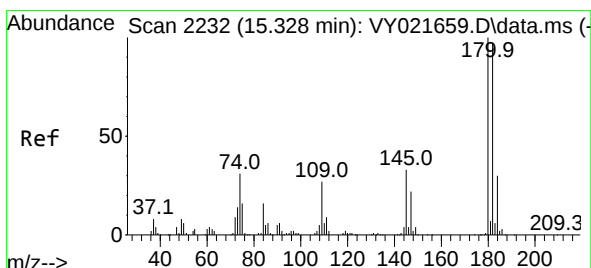
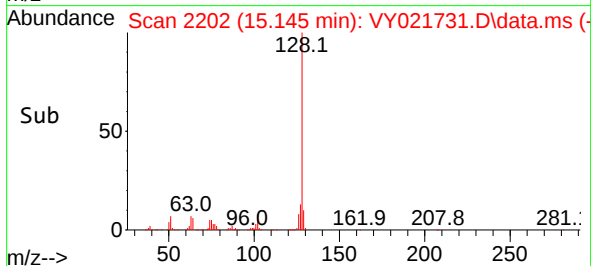
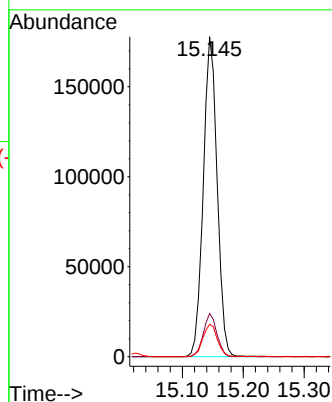
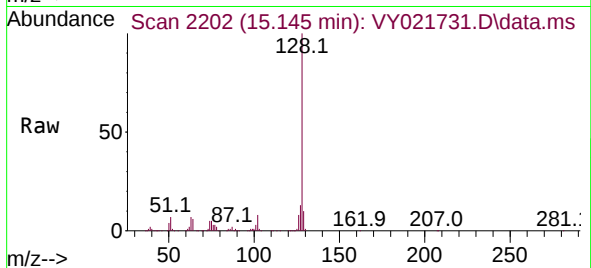
Tgt Ion:128 Resp: 281604

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.436 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Tgt Ion:180 Resp: 140280

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 32.5 15.9 47.7

