

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082724\  
 Data File : VY019298.D  
 Acq On : 27 Aug 2024 20:08  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 28 01:51:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 05:10:30 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.701  | 168  | 108968   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.610  | 114  | 175942   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 156253   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 78503    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.055  | 65    | 52713    | 48.258   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 96.520% |
| 35) Dibromofluoromethane    | 7.622  | 113   | 55349    | 48.112   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.220% |
| 50) Toluene-d8              | 10.103 | 98    | 197005   | 47.586   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 95.180% |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 69255    | 49.072   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =    | 98.140% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.861 | 85  | 38846  | 48.589  | ug/l   | 100 |
| 3) Chloromethane             | 2.062 | 50  | 76017  | 52.751  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.196 | 62  | 86223  | 48.440  | ug/l   | 100 |
| 5) Bromomethane              | 2.586 | 94  | 61277  | 57.237  | ug/l   | 96  |
| 6) Chloroethane              | 2.726 | 64  | 56984  | 50.400  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.043 | 101 | 131353 | 48.809  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.446 | 74  | 29512  | 50.806  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 3.799 | 101 | 56591  | 47.301  | ug/l   | 96  |
| 10) Methyl Iodide            | 3.995 | 142 | 62136  | 52.986  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 4.836 | 59  | 25327  | 276.501 | ug/l # | 81  |
| 12) 1,1-Dichloroethene       | 3.775 | 96  | 52819  | 48.593  | ug/l   | 88  |
| 13) Acrolein                 | 3.635 | 56  | 13905  | 162.607 | ug/l   | 100 |
| 14) Allyl chloride           | 4.366 | 41  | 80499  | 55.703  | ug/l   | 90  |
| 15) Acrylonitrile            | 5.043 | 53  | 67246  | 282.925 | ug/l   | 96  |
| 16) Acetone                  | 3.854 | 43  | 56181  | 277.336 | ug/l # | 83  |
| 17) Carbon Disulfide         | 4.092 | 76  | 150583 | 49.117  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.366 | 43  | 35107  | 56.468  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.104 | 73  | 147189 | 55.854  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.598 | 84  | 66161  | 53.255  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.098 | 96  | 62326  | 51.324  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.006 | 45  | 188558 | 56.995  | ug/l   | 93  |
| 23) Vinyl Acetate            | 5.945 | 43  | 759834 | 290.097 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 5.897 | 63  | 109516 | 54.130  | ug/l   | 98  |
| 25) 2-Butanone               | 6.872 | 43  | 92677  | 284.077 | ug/l   | 89  |
| 26) 2,2-Dichloropropane      | 6.872 | 77  | 86405  | 52.739  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 6.872 | 96  | 76823  | 53.756  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.238 | 49  | 45669  | 53.811  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.250 | 42  | 59978  | 285.997 | ug/l   | 91  |
| 30) Chloroform               | 7.409 | 83  | 122918 | 54.523  | ug/l   | 98  |
| 31) Cyclohexane              | 7.689 | 56  | 82327  | 52.941  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 7.604 | 97  | 110326 | 55.686  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.823 | 75  | 79438  | 50.286  | ug/l   | 100 |
| 37) Ethyl Acetate            | 6.964 | 43  | 42004  | 60.015  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.805 | 117 | 96651  | 52.794  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.103 | 83  | 100789 | 49.718  | ug/l   | 98  |
| 40) Benzene                  | 8.073 | 78  | 254871 | 52.606  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082724\  
 Data File : VY019298.D  
 Acq On : 27 Aug 2024 20:08  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 28 01:51:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 05:10:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.201  | 41   | 18898    | 49.470   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.152  | 62   | 70355    | 53.775   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.189  | 43   | 75331    | 53.220   | ug/l # | 83       |
| 44) Trichloroethene           | 8.860  | 130  | 69874    | 51.687   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.134  | 63   | 59240    | 54.879   | ug/l   | 99       |
| 46) Dibromomethane            | 9.225  | 93   | 38355    | 54.782   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.420  | 83   | 96402    | 56.123   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.213  | 41   | 37592    | 59.592   | ug/l   | 85       |
| 49) 1,4-Dioxane               | 9.219  | 88   | 9472     | 1116.826 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 9.993  | 43   | 222687   | 296.415  | ug/l   | 91       |
| 52) Toluene                   | 10.164 | 92   | 170713   | 53.678   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.390 | 75   | 82844    | 58.140   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 92322    | 53.875   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 49230    | 54.621   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 66411    | 56.293   | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 10.713 | 76   | 82437    | 56.107   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.707  | 63   | 147937   | 264.333  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.762 | 43   | 152675   | 295.804  | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.908 | 129  | 68498    | 55.798   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 48091    | 55.204   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.646 | 164  | 71465    | 52.326   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.438 | 112  | 189267   | 52.605   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.511 | 131  | 68528    | 54.161   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.518 | 91   | 336235   | 53.843   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.627 | 106  | 264045   | 106.561  | ug/l   | 100      |
| 69) o-Xylene                  | 11.950 | 106  | 126144   | 54.974   | ug/l   | 99       |
| 70) Styrene                   | 11.969 | 104  | 213846   | 54.650   | ug/l   | 97       |
| 71) Bromoform                 | 12.133 | 173  | 39887    | 55.147   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 325711   | 54.133   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 76543    | 58.340   | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 55215    | 51.546   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 71866    | 92.828   | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 76593    | 53.005   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.597 | 91   | 383019   | 53.250   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 219189   | 54.355   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 264492   | 53.959   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 17648    | 56.298   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 224383   | 53.483   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 244599   | 54.036   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 262930   | 53.821   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.176 | 105  | 349510   | 52.985   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 294787   | 54.406   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 149405   | 52.428   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 145195   | 51.256   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.615 | 91   | 253165   | 51.249   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 57332    | 53.684   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 118002   | 47.081   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 7895     | 50.101   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 71047    | 50.266   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 42515    | 57.748   | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 139718   | 55.388   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 64928    | 54.465   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082724\  
Data File : VY019298.D  
Acq On : 27 Aug 2024 20:08  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Aug 28 01:51:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 16 05:10:30 2024  
Response via : Initial Calibration

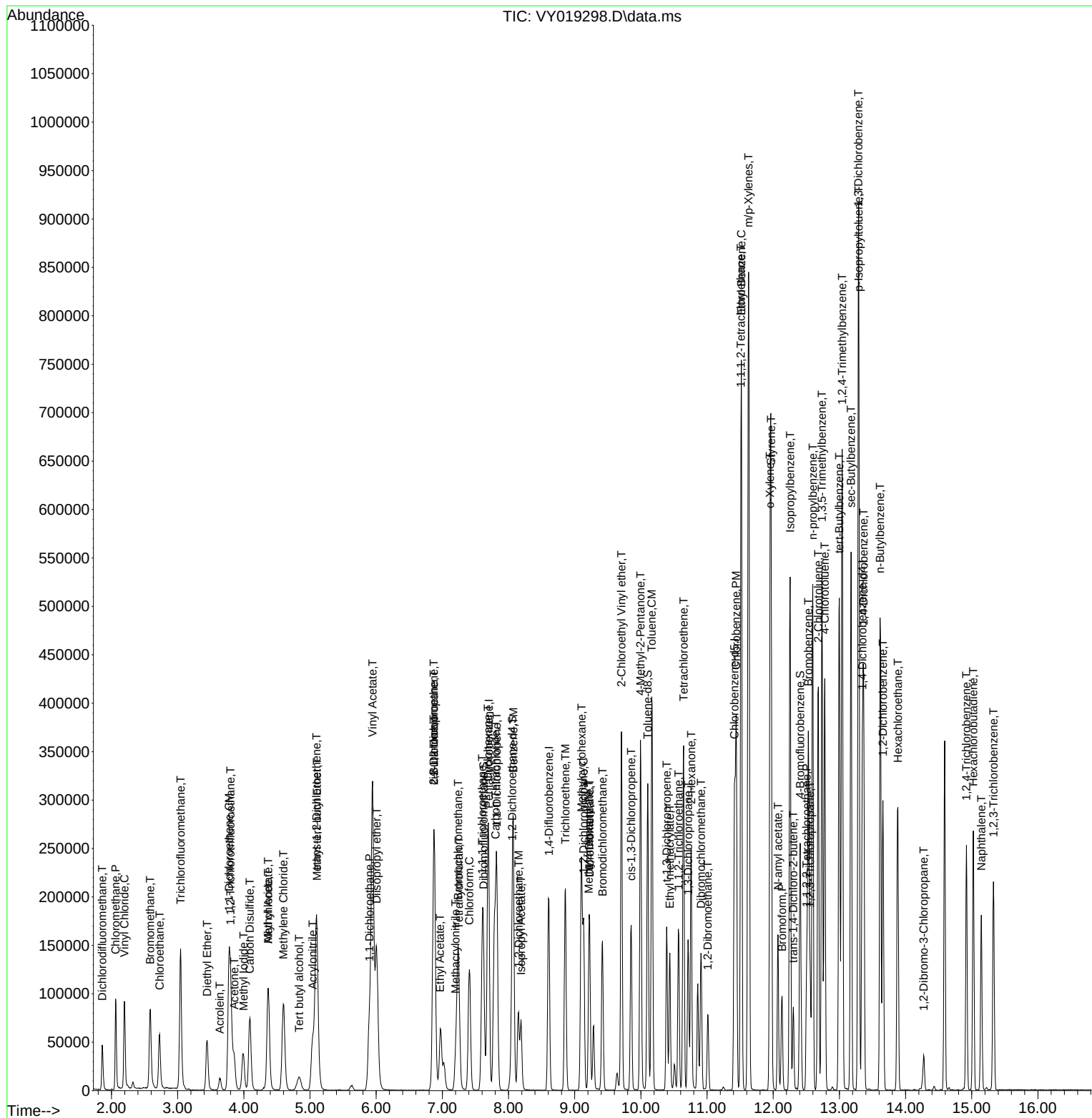
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

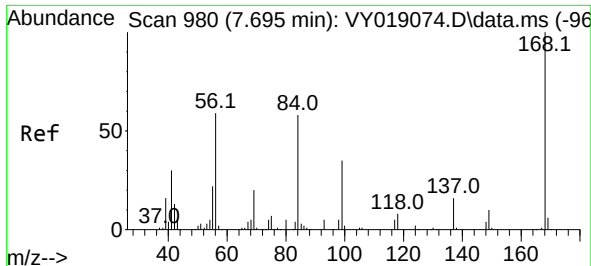
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082724\  
 Data File : VY019298.D  
 Acq On : 27 Aug 2024 20:08  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 28 01:51:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 05:10:30 2024  
 Response via : Initial Calibration

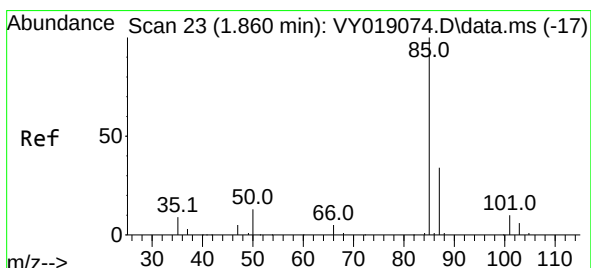
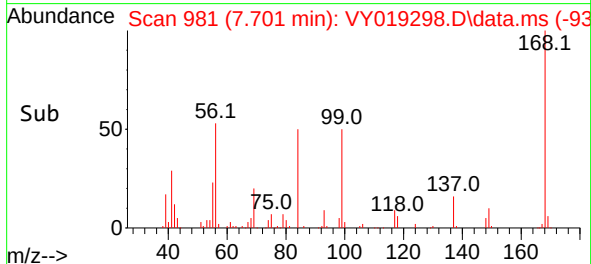
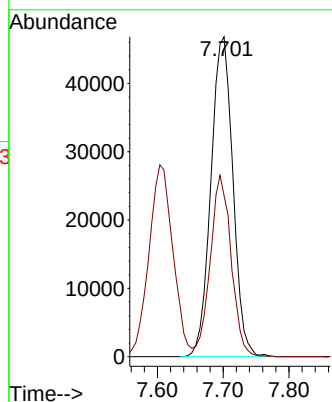
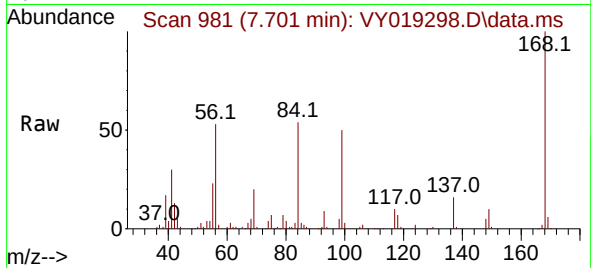




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.701 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

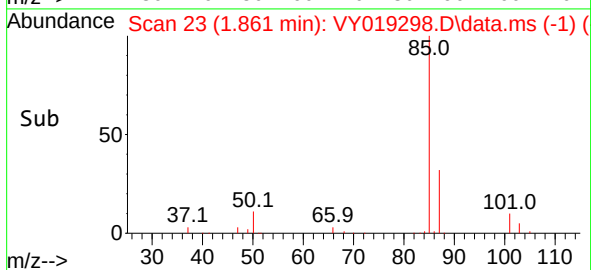
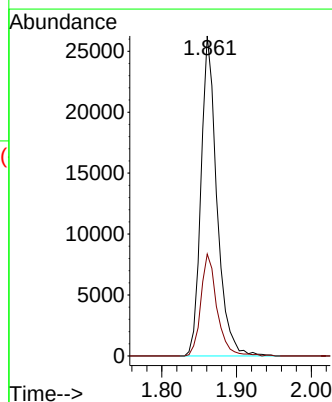
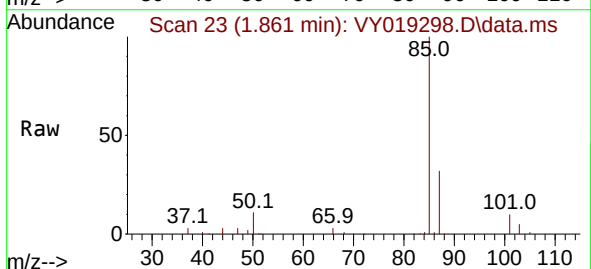
Instrument :  
MSVOA\_Y  
ClientSampleId :

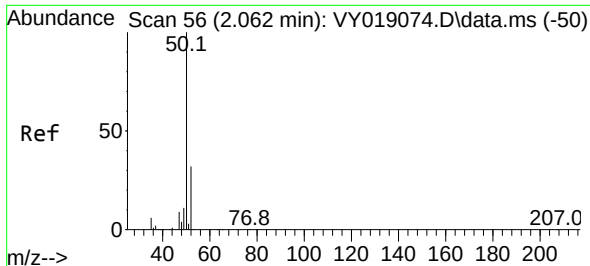
Tgt Ion:168 Resp: 108968  
Ion Ratio Lower Upper  
168 100  
99 50.4 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 48.589 ug/l  
RT: 1.861 min Scan# 23  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 85 Resp: 38846  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.0 48.0

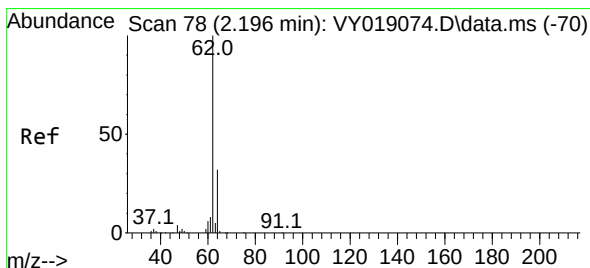
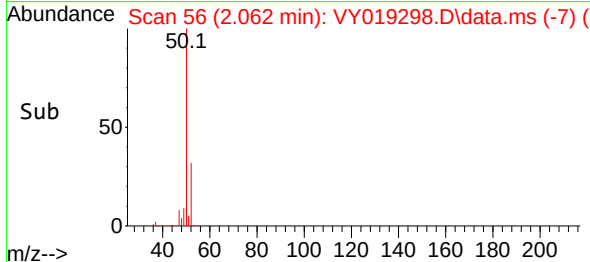
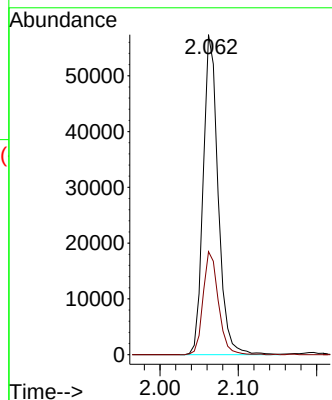
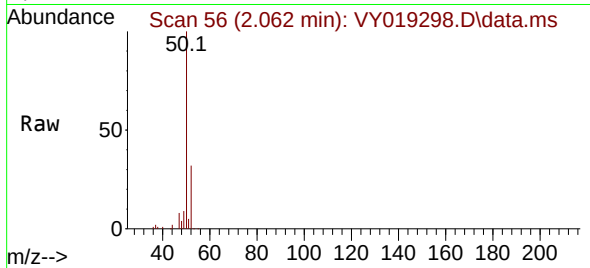




#3  
Chloromethane  
Concen: 52.751 ug/l  
RT: 2.062 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

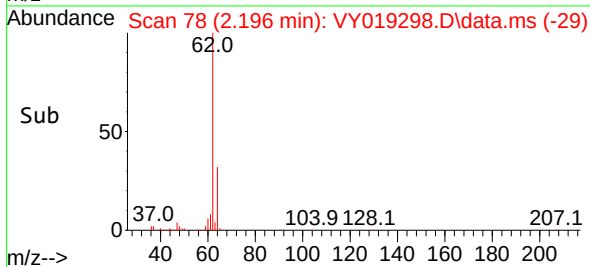
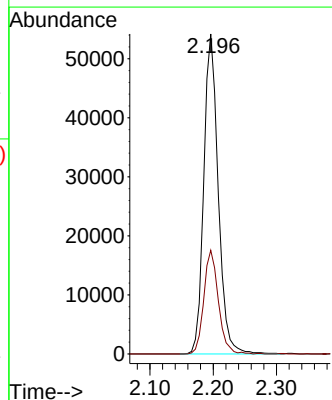
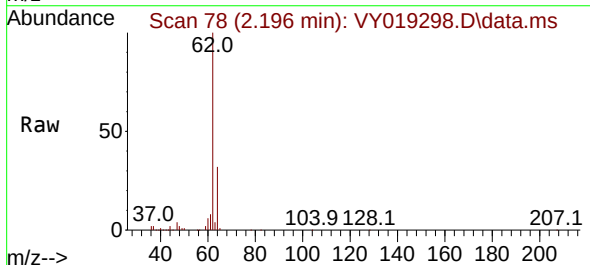
Instrument :  
MSVOA\_Y  
ClientSampleId :

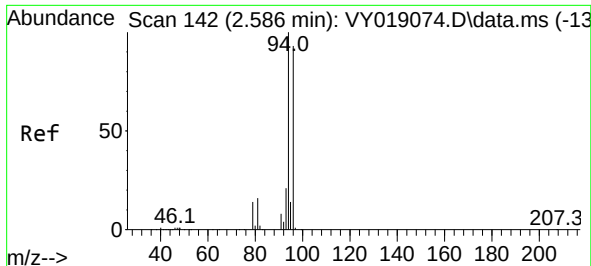
Tgt Ion: 50 Resp: 76017  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.6 38.4



#4  
Vinyl Chloride  
Concen: 48.440 ug/l  
RT: 2.196 min Scan# 78  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 62 Resp: 86223  
Ion Ratio Lower Upper  
62 100  
64 32.4 26.1 39.1

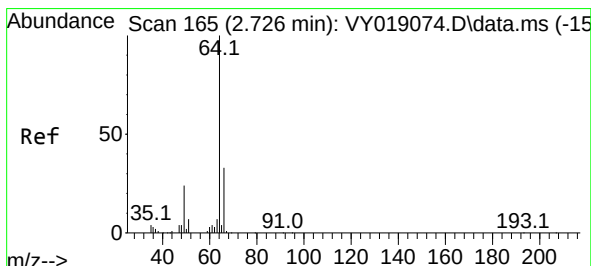
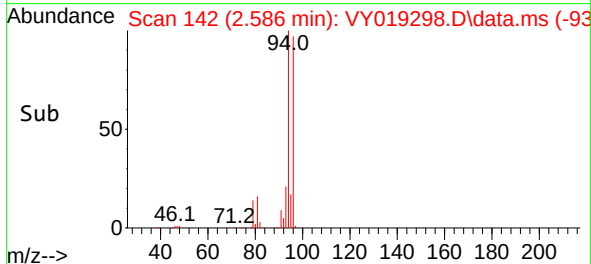
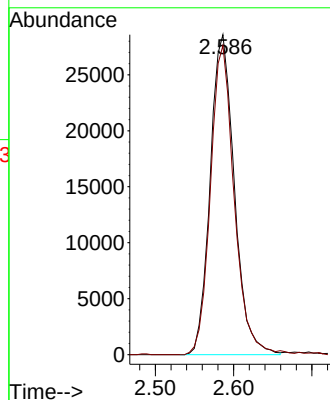
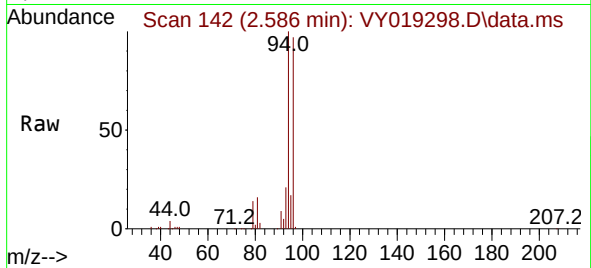




#5  
Bromomethane  
Concen: 57.237 ug/l  
RT: 2.586 min Scan# 142  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

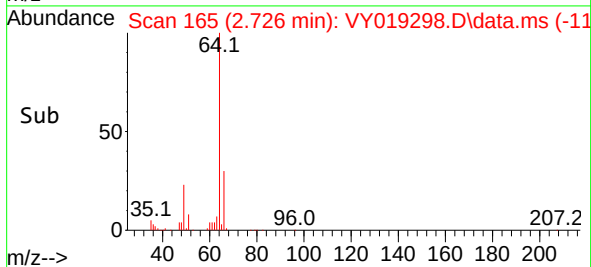
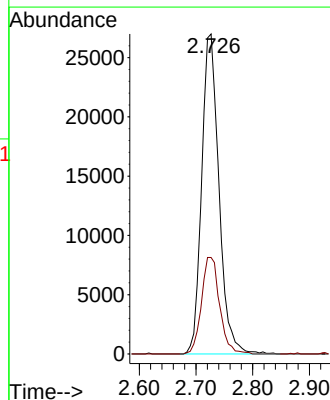
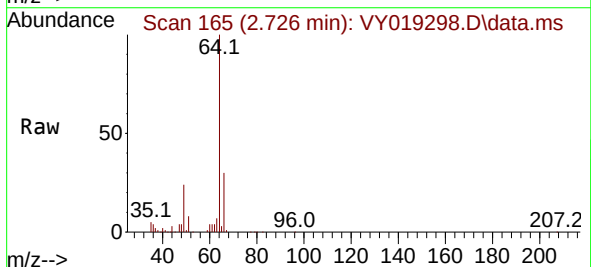
Instrument :  
MSVOA\_Y  
ClientSampleId :

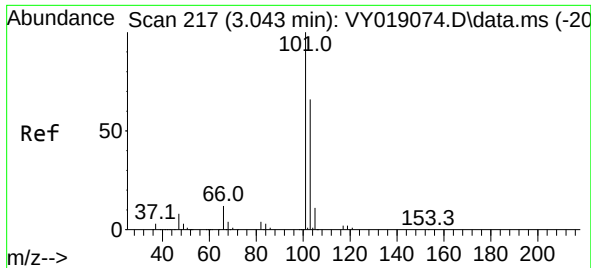
Tgt Ion: 94 Resp: 61277  
Ion Ratio Lower Upper  
94 100  
96 96.6 74.1 111.1



#6  
Chloroethane  
Concen: 50.400 ug/l  
RT: 2.726 min Scan# 165  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 64 Resp: 56984  
Ion Ratio Lower Upper  
64 100  
66 30.1 26.1 39.1

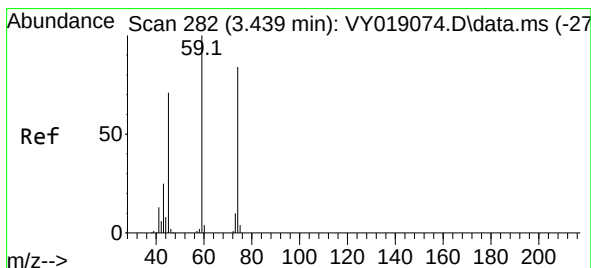
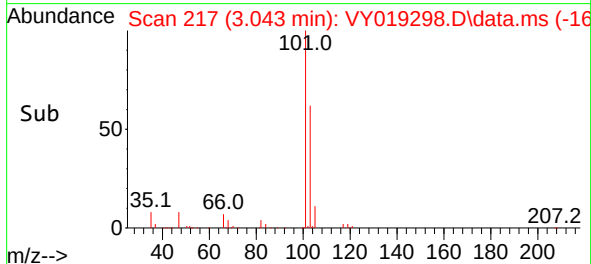
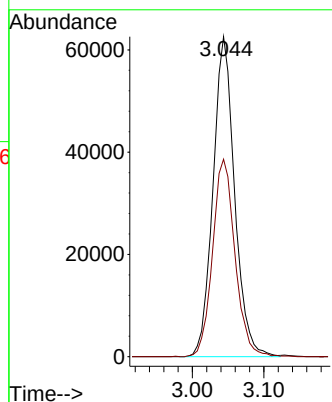
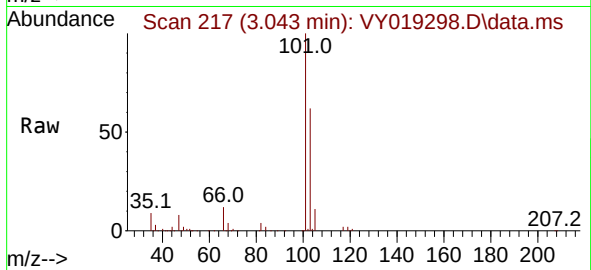




#7  
 Trichlorofluoromethane  
 Concen: 48.809 ug/l  
 RT: 3.043 min Scan# 217  
 Delta R.T. 0.000 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

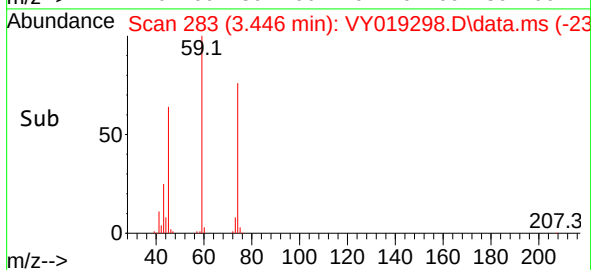
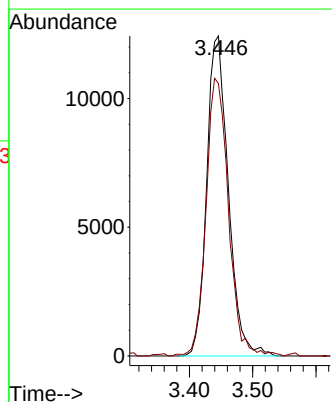
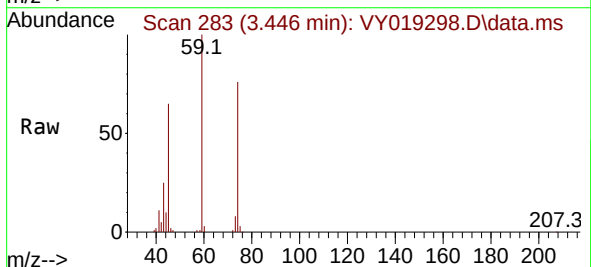
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 131353  
 Ion Ratio Lower Upper  
 101 100  
 103 61.7 49.3 73.9

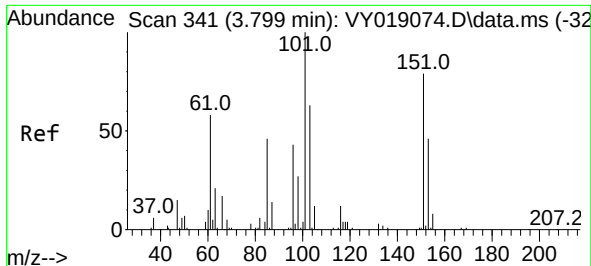


#8  
 Diethyl Ether  
 Concen: 50.806 ug/l  
 RT: 3.446 min Scan# 283  
 Delta R.T. 0.006 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

Tgt Ion: 74 Resp: 29512  
 Ion Ratio Lower Upper  
 74 100  
 45 90.1 41.3 124.1



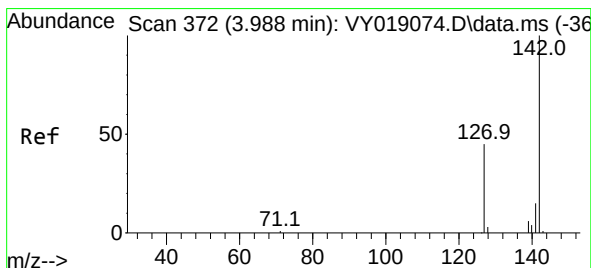
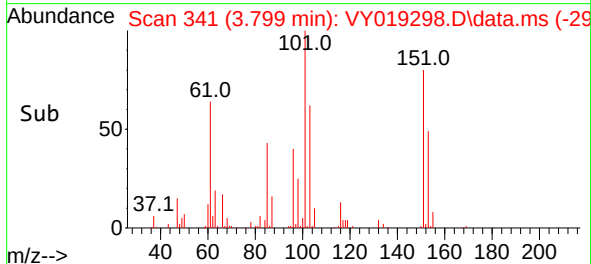
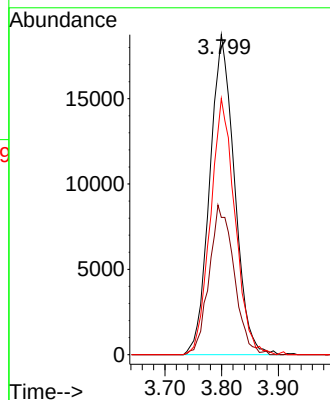
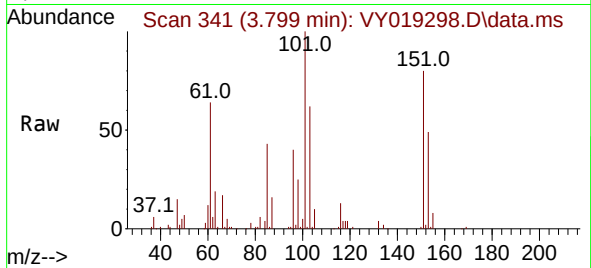




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.301 ug/l  
RT: 3.799 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

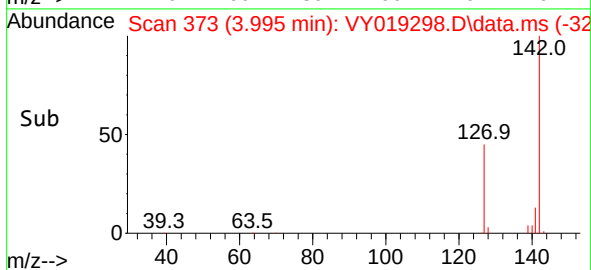
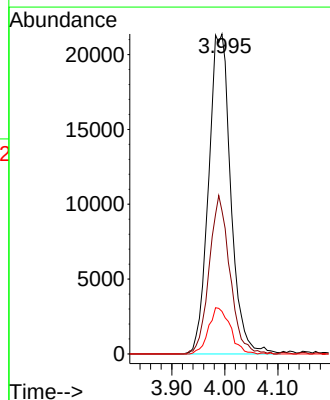
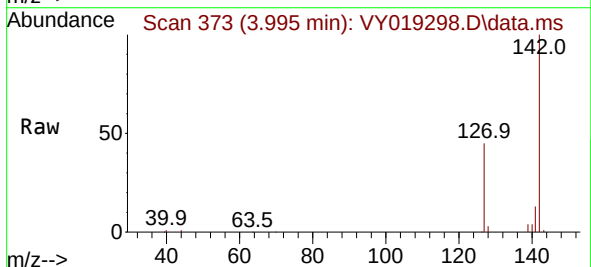
Instrument :  
MSVOA\_Y  
ClientSampleId :

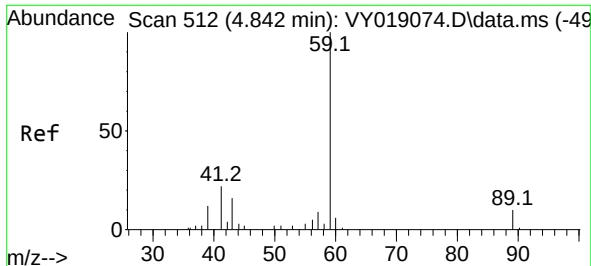
Tgt Ion:101 Resp: 56591  
Ion Ratio Lower Upper  
101 100  
85 47.1 34.5 51.7  
151 79.5 61.7 92.5



#10  
Methyl Iodide  
Concen: 52.986 ug/l  
RT: 3.995 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

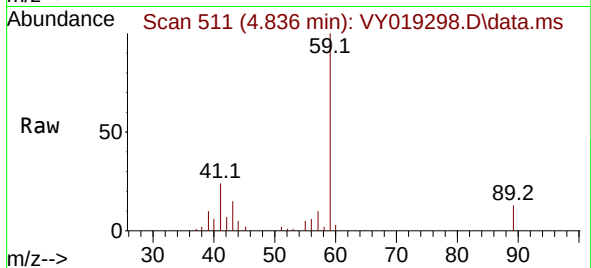
Tgt Ion:142 Resp: 62136  
Ion Ratio Lower Upper  
142 100  
127 46.1 32.8 49.2  
141 14.2 11.4 17.2



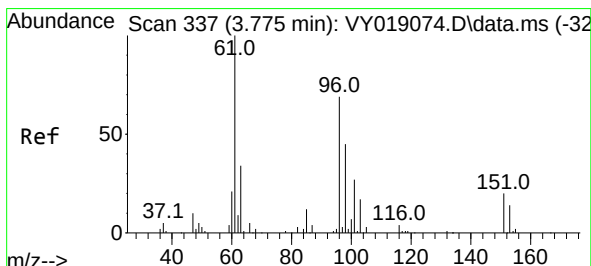
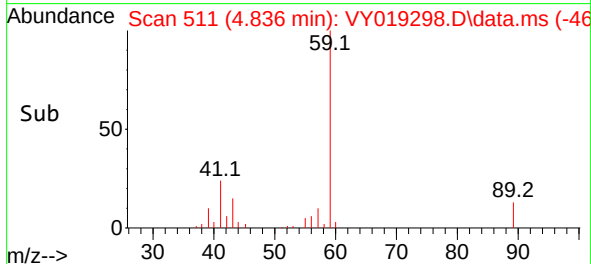
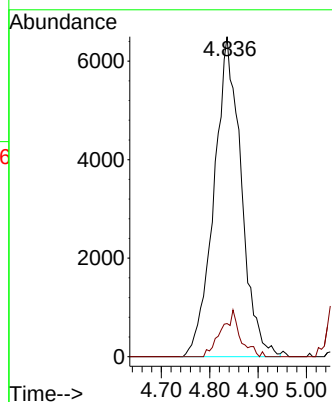


#11  
Tert butyl alcohol  
Concen: 276.501 ug/l  
RT: 4.836 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

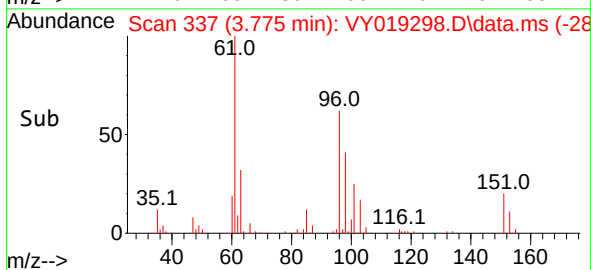
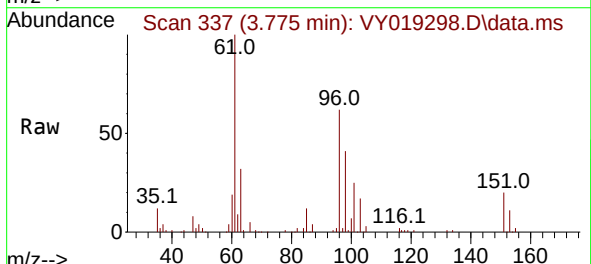
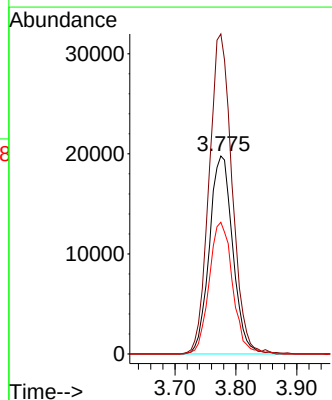


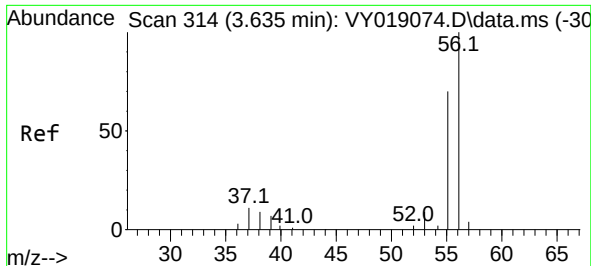
Tgt Ion: 59 Resp: 25327  
Ion Ratio Lower Upper  
59 100  
57 10.1 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 48.593 ug/l  
RT: 3.775 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 96 Resp: 52819  
Ion Ratio Lower Upper  
96 100  
61 161.7 114.6 171.8  
98 66.6 50.8 76.2





#13

Acrolein

Concen: 162.607 ug/l

RT: 3.635 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

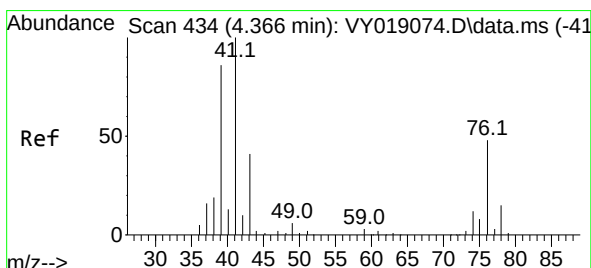
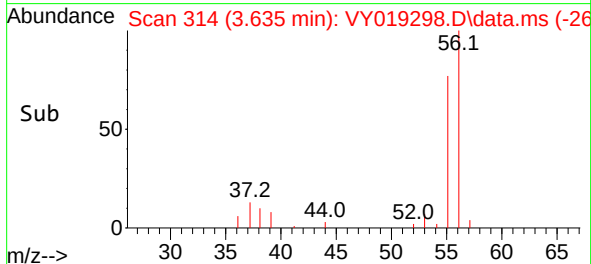
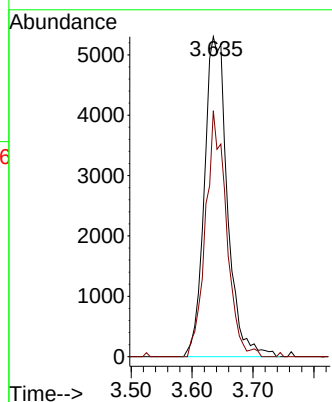
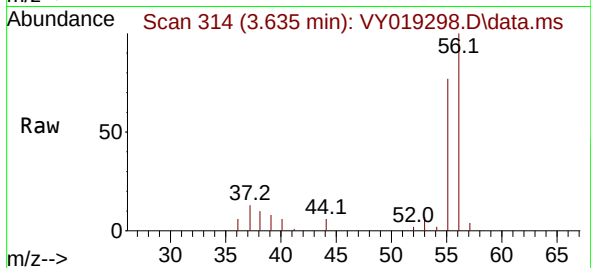
ClientSampleId :

Tgt Ion: 56 Resp: 13905

Ion Ratio Lower Upper

56 100

55 69.5 55.7 83.5



#14

Allyl chloride

Concen: 55.703 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

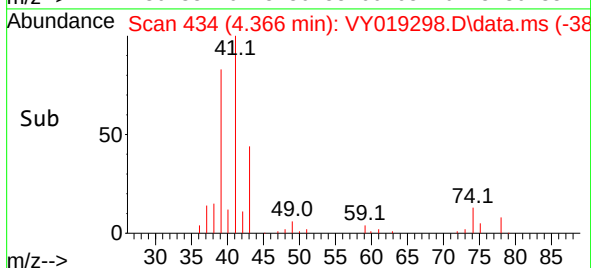
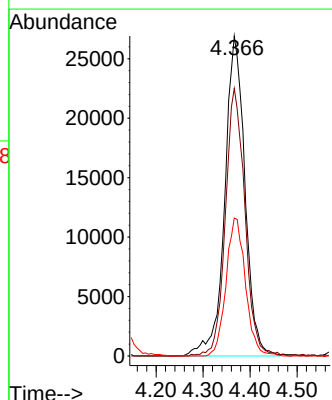
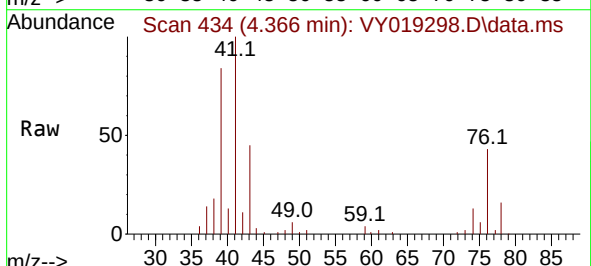
Tgt Ion: 41 Resp: 80499

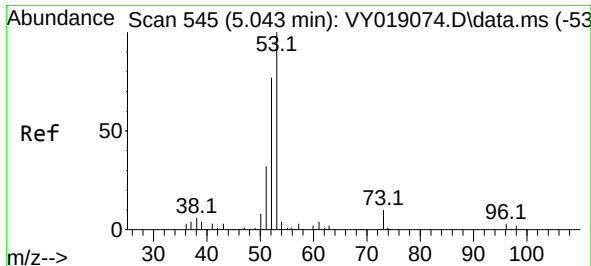
Ion Ratio Lower Upper

41 100

39 80.6 58.3 87.5

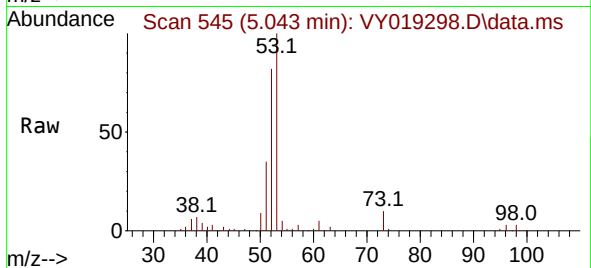
76 41.4 39.0 58.6



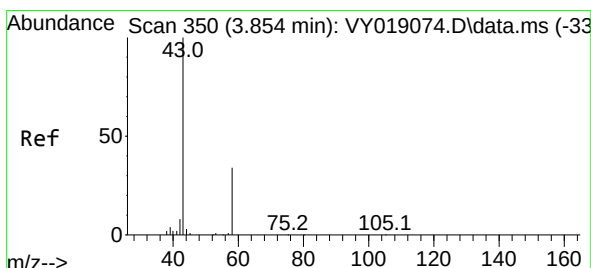
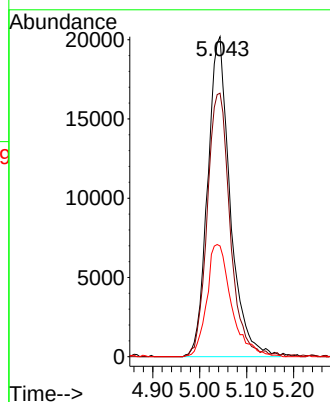
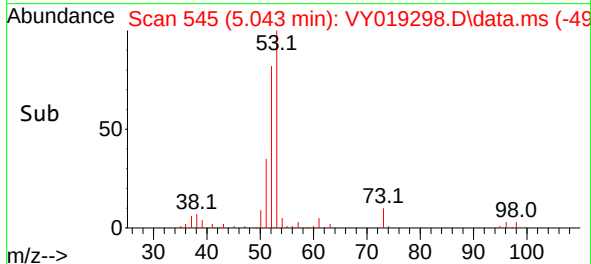


#15  
Acrylonitrile  
Concen: 282.925 ug/l  
RT: 5.043 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

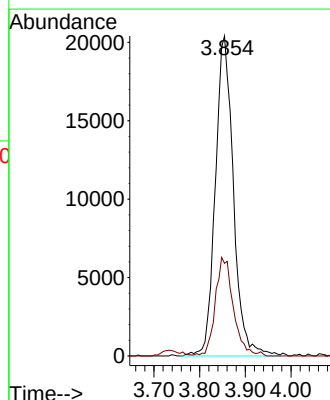
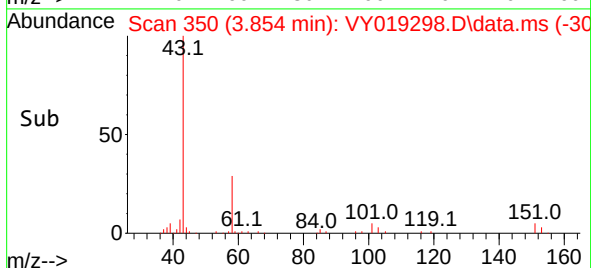
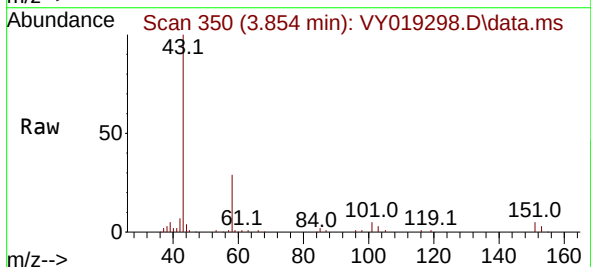


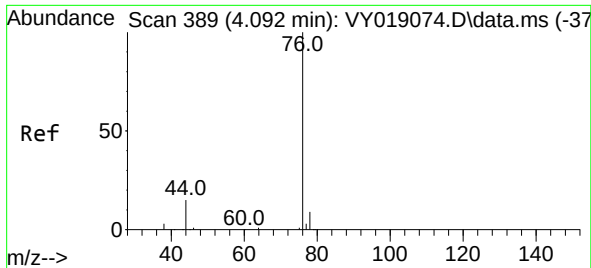
Tgt Ion: 53 Resp: 67246  
Ion Ratio Lower Upper  
53 100  
52 83.5 64.7 97.1  
51 38.4 28.4 42.6



#16  
Acetone  
Concen: 277.336 ug/l  
RT: 3.854 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 43 Resp: 56181  
Ion Ratio Lower Upper  
43 100  
58 28.9 31.7 47.5#

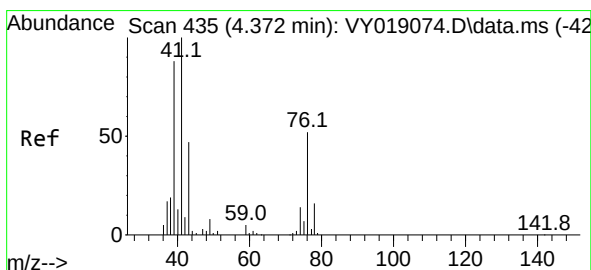
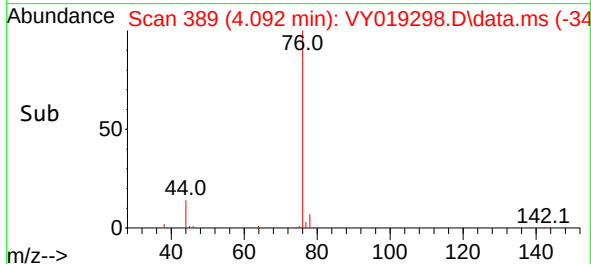
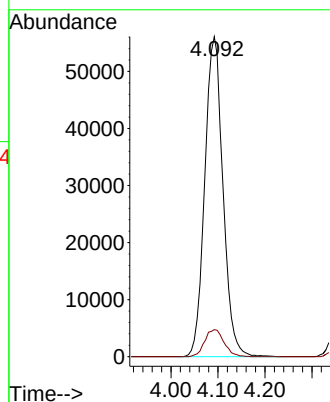
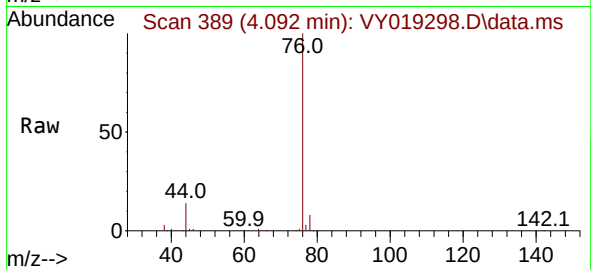




#17  
Carbon Disulfide  
Concen: 49.117 ug/l  
RT: 4.092 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

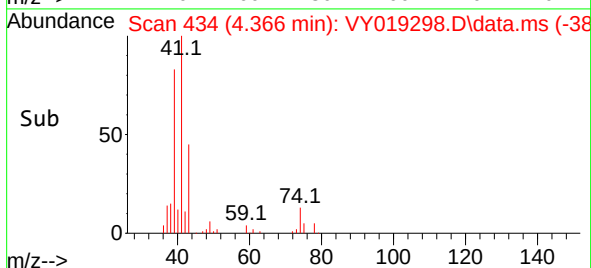
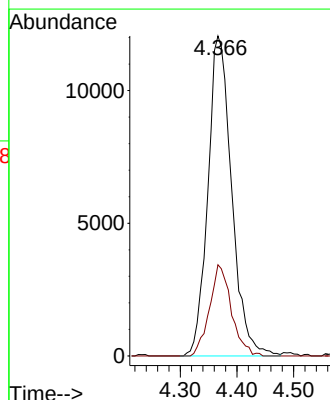
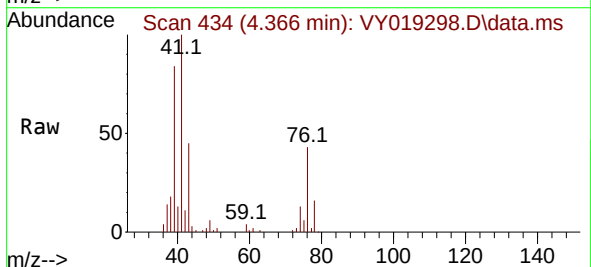
Instrument :  
MSVOA\_Y  
ClientSampleId :

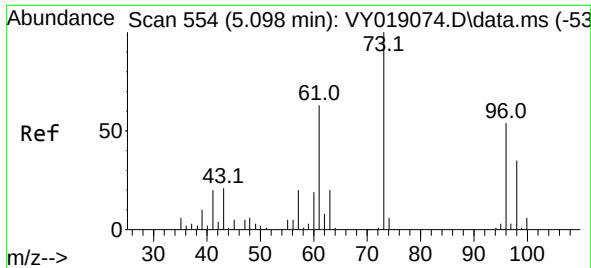
Tgt Ion: 76 Resp: 150583  
Ion Ratio Lower Upper  
76 100  
78 8.5 6.8 10.2



#18  
Methyl Acetate  
Concen: 56.468 ug/l  
RT: 4.366 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 43 Resp: 35107  
Ion Ratio Lower Upper  
43 100  
74 26.3 23.3 34.9

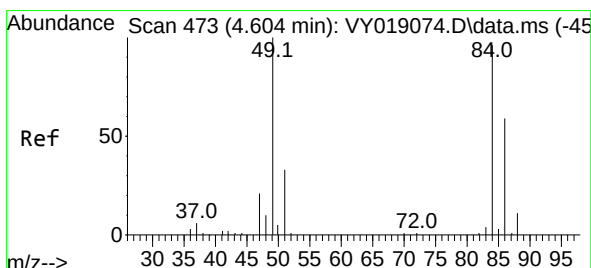
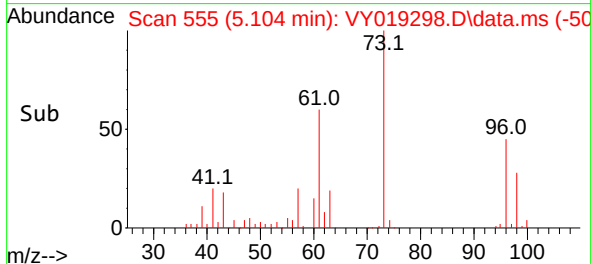
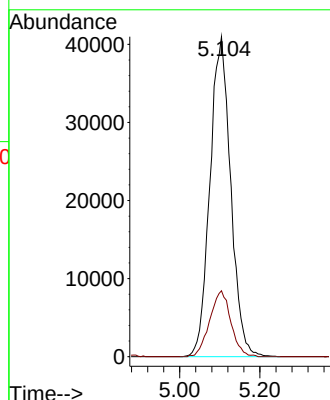
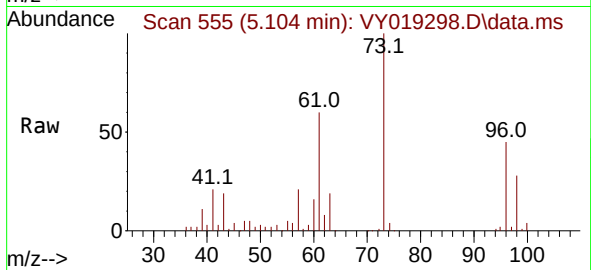




#19  
Methyl tert-butyl Ether  
Concen: 55.854 ug/l  
RT: 5.104 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

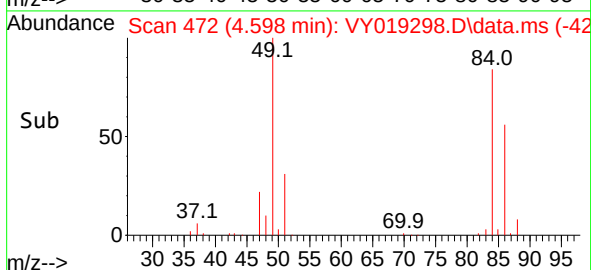
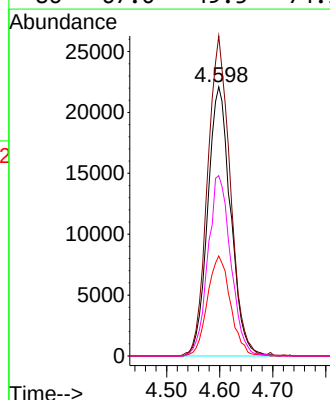
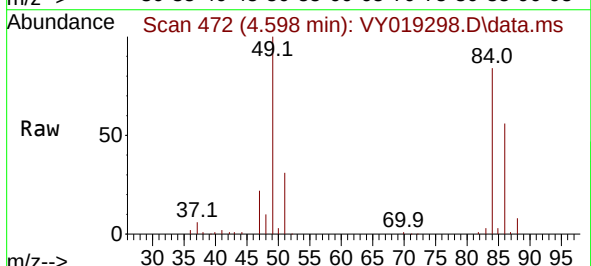
Instrument :  
MSVOA\_Y  
ClientSampleId :

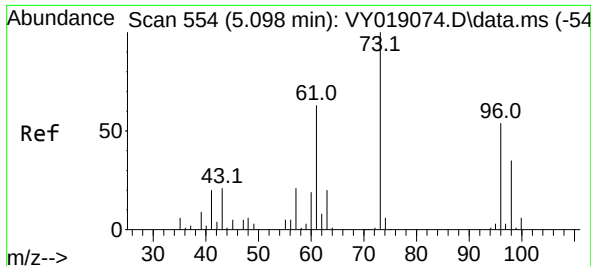
Tgt Ion: 73 Resp: 147189  
Ion Ratio Lower Upper  
73 100  
57 20.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 53.255 ug/l  
RT: 4.598 min Scan# 472  
Delta R.T. -0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

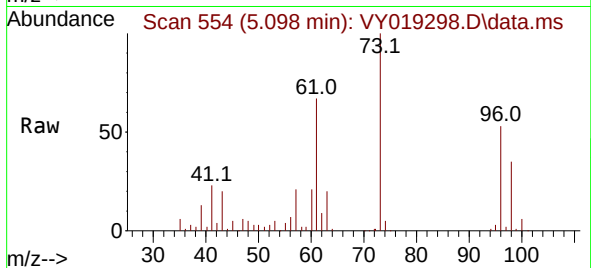
Tgt Ion: 84 Resp: 66161  
Ion Ratio Lower Upper  
84 100  
49 118.9 84.4 126.6  
51 37.2 26.0 39.0  
86 67.0 49.5 74.3



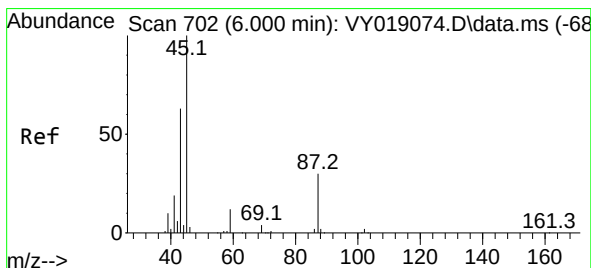
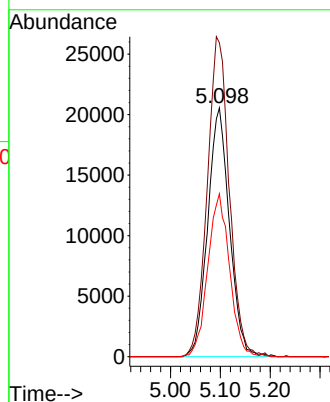
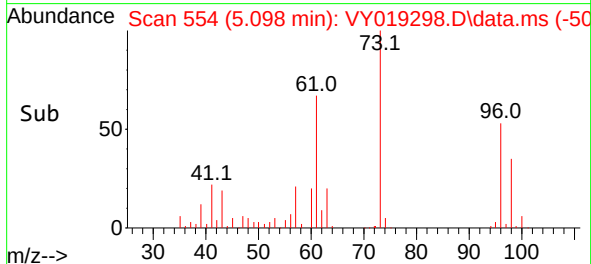


#21  
trans-1,2-Dichloroethene  
Concen: 51.324 ug/l  
RT: 5.098 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

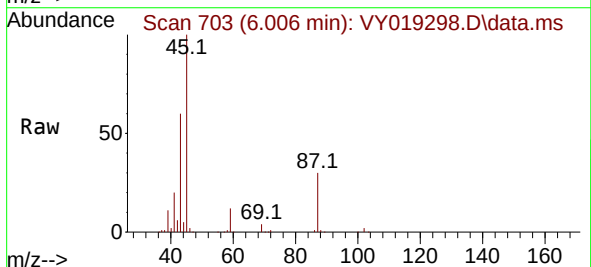
Instrument :  
MSVOA\_Y  
ClientSampleId :



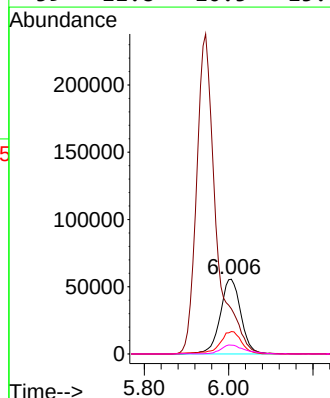
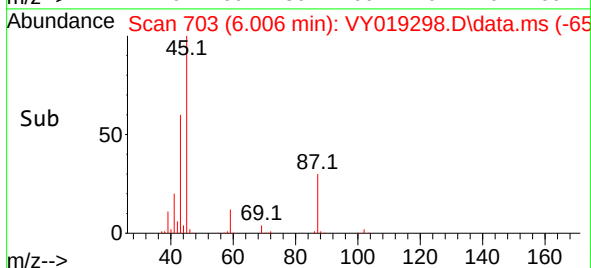
Tgt Ion: 96 Resp: 62326  
Ion Ratio Lower Upper  
96 100  
61 126.2 97.5 146.3  
98 65.5 50.5 75.7

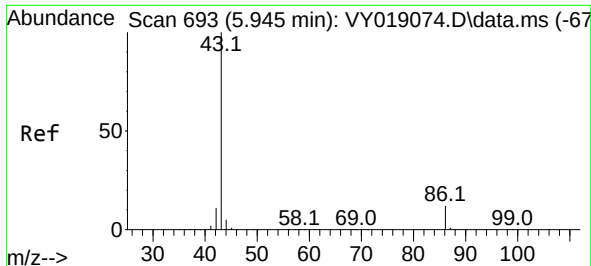


#22  
Diisopropyl ether  
Concen: 56.995 ug/l  
RT: 6.006 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08



Tgt Ion: 45 Resp: 188558  
Ion Ratio Lower Upper  
45 100  
43 59.9 42.2 63.2  
87 29.9 25.0 37.6  
59 11.8 10.5 15.7

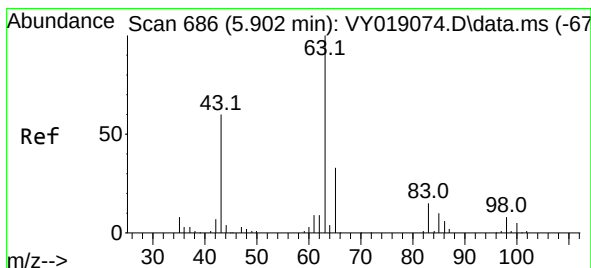
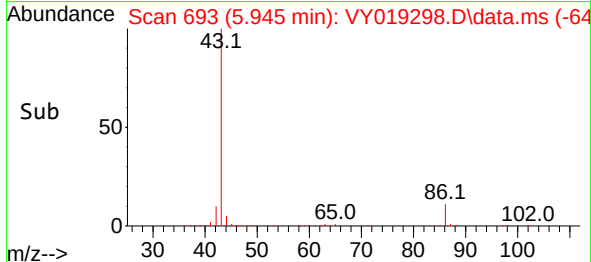
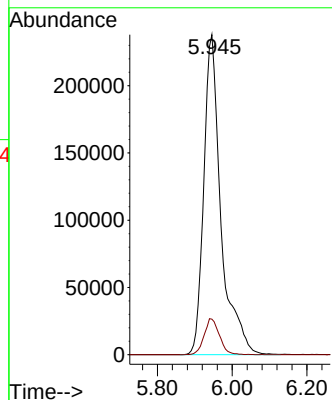
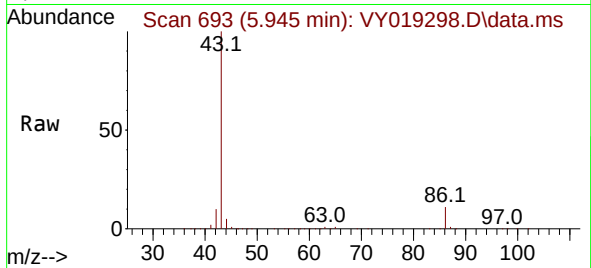




#23  
 Vinyl Acetate  
 Concen: 290.097 ug/l  
 RT: 5.945 min Scan# 693  
 Delta R.T. 0.000 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

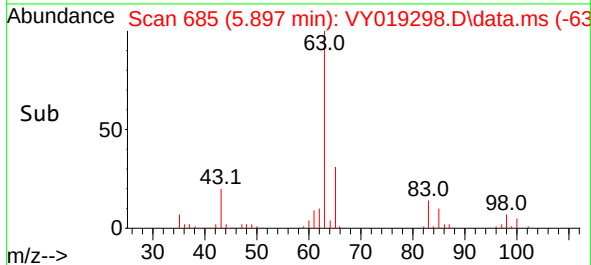
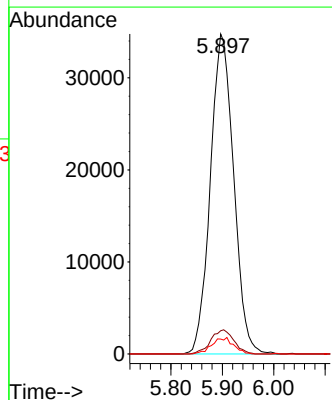
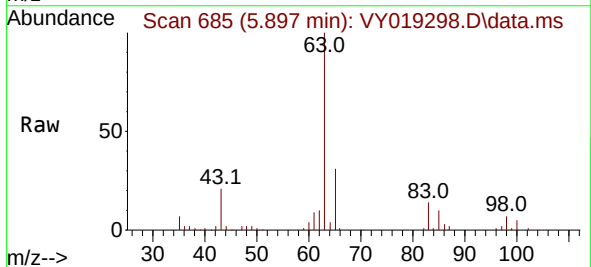
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 759834  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 10.6 16.0

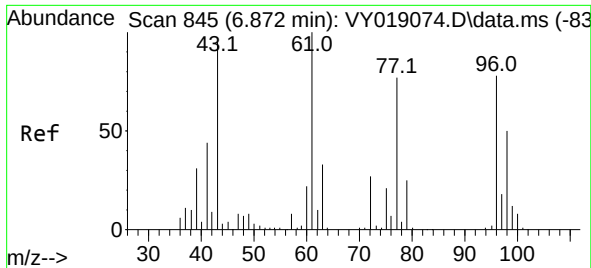


#24  
 1,1-Dichloroethane  
 Concen: 54.130 ug/l  
 RT: 5.897 min Scan# 685  
 Delta R.T. -0.006 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

Tgt Ion: 63 Resp: 109516  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 4.0 12.2  
 100 4.6 2.6 8.0







#25

2-Butanone

Concen: 284.077 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

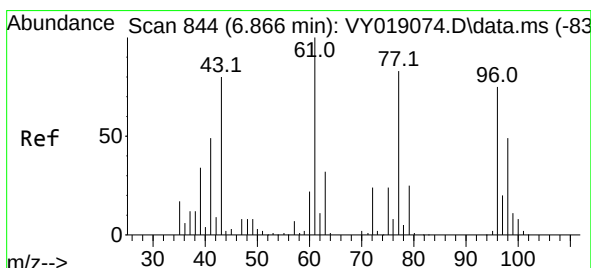
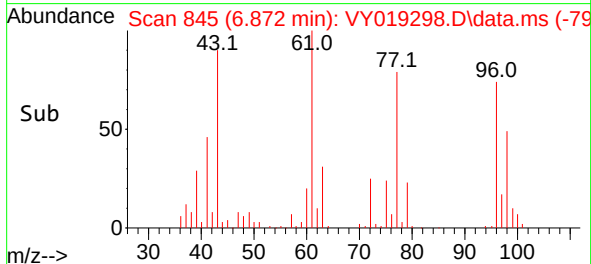
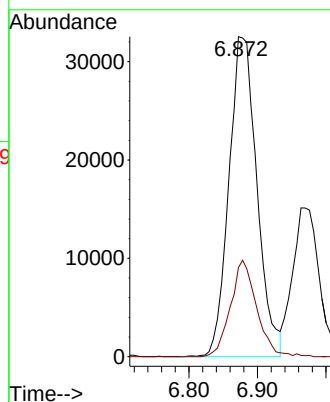
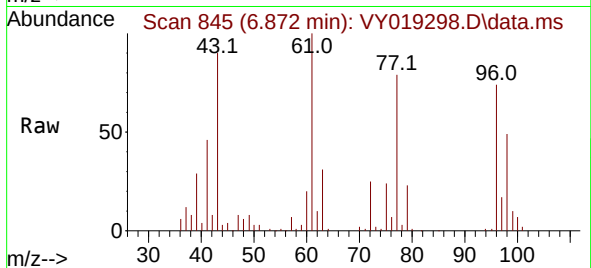
ClientSampleId :

Tgt Ion: 43 Resp: 92677

Ion Ratio Lower Upper

43 100

72 27.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 52.739 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019298.D

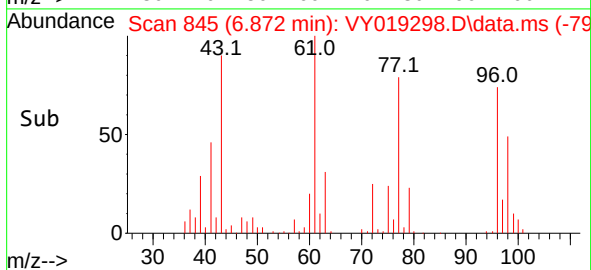
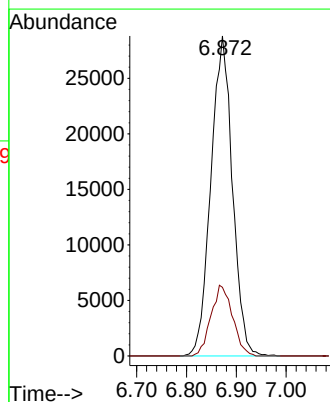
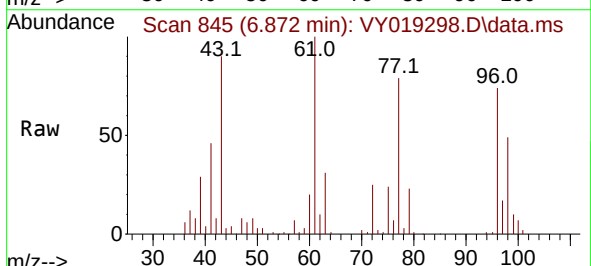
Acq: 27 Aug 2024 20:08

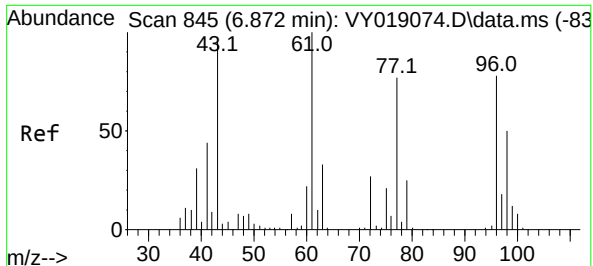
Tgt Ion: 77 Resp: 86405

Ion Ratio Lower Upper

77 100

97 22.1 12.0 36.1



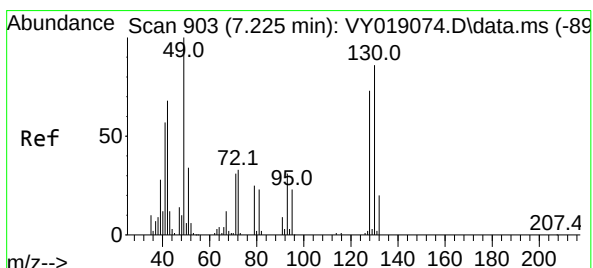
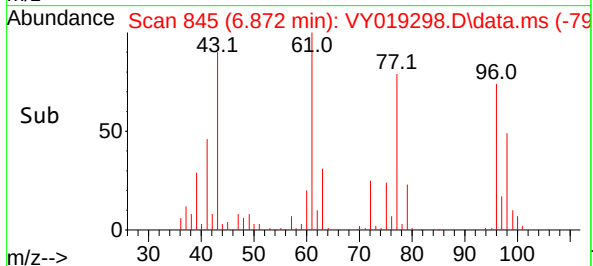
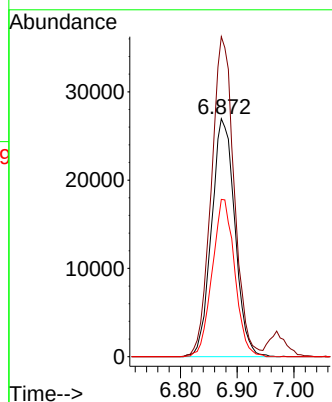
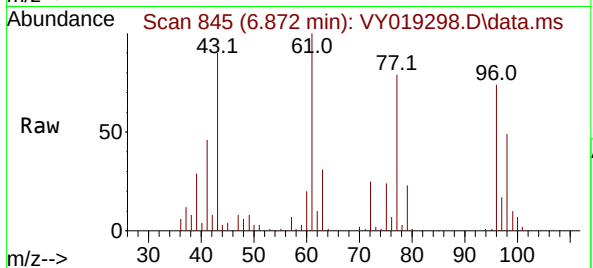


#27  
 cis-1,2-Dichloroethene  
 Concen: 53.756 ug/l  
 RT: 6.872 min Scan# 845  
 Delta R.T. 0.000 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 96 Resp: 76823  

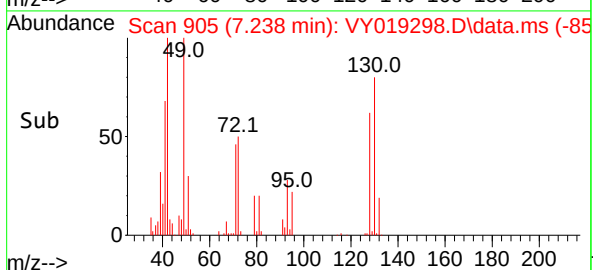
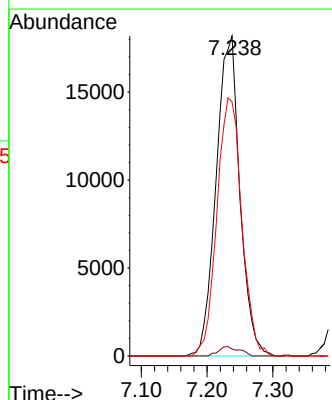
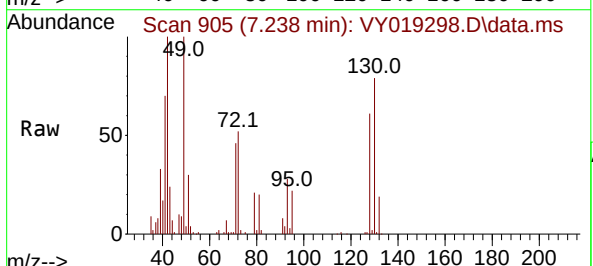
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 132.1 | 0.0   | 256.2 |
| 98  | 63.8  | 0.0   | 130.0 |

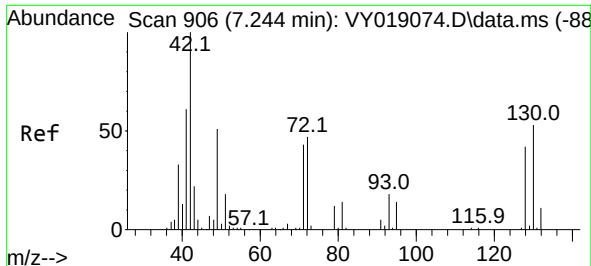


#28  
 Bromochloromethane  
 Concen: 53.811 ug/l  
 RT: 7.238 min Scan# 905  
 Delta R.T. 0.013 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

Tgt Ion: 49 Resp: 45669  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.6   | 0.0   | 4.6   |
| 130 | 84.3  | 72.7  | 109.1 |





#29

Tetrahydrofuran

Concen: 285.997 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

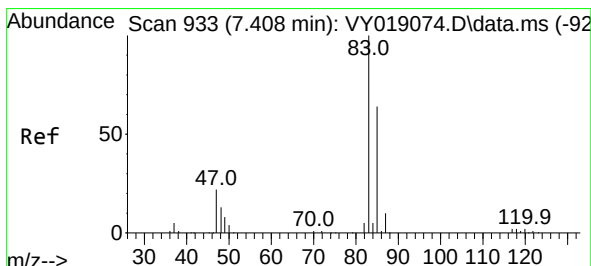
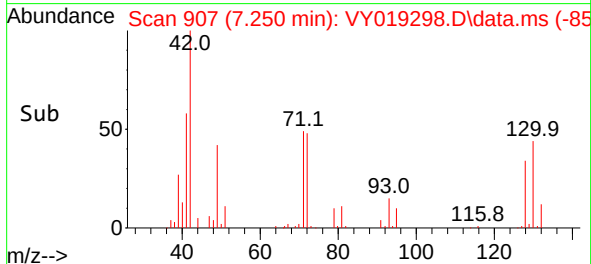
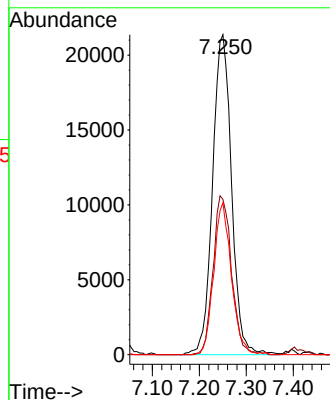
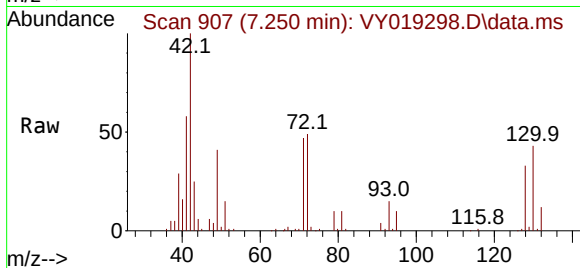
Tgt Ion: 42 Resp: 59978

Ion Ratio Lower Upper

42 100

72 48.4 43.0 64.4

71 44.1 40.8 61.2



#30

Chloroform

Concen: 54.523 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019298.D

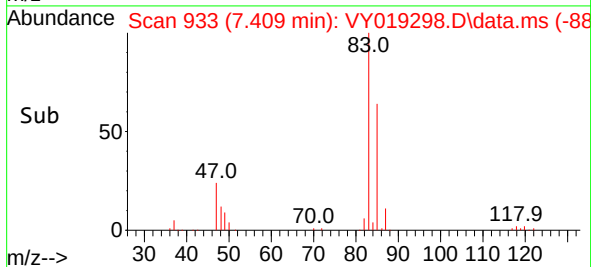
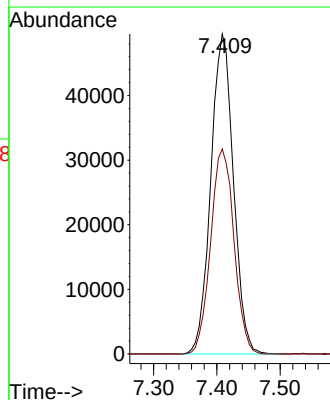
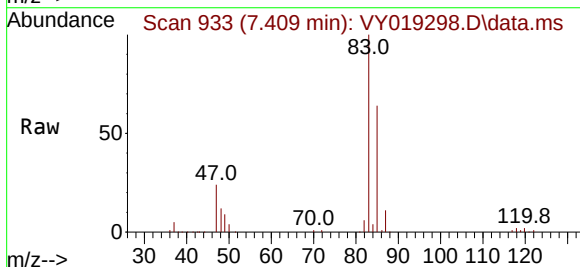
Acq: 27 Aug 2024 20:08

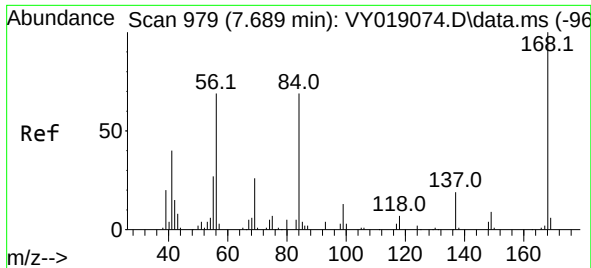
Tgt Ion: 83 Resp: 122918

Ion Ratio Lower Upper

83 100

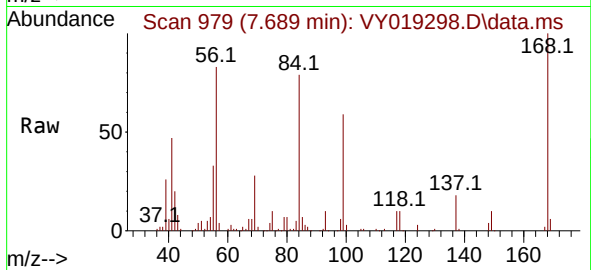
85 64.0 52.2 78.4



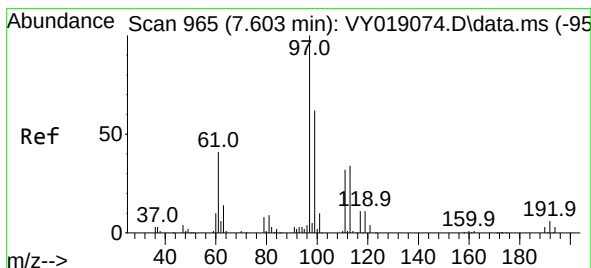
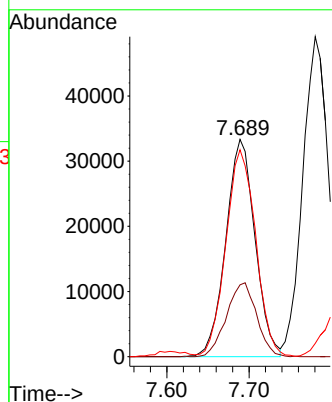
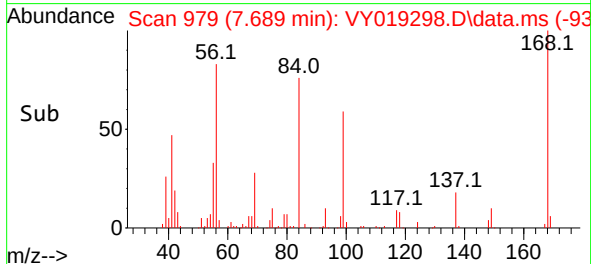


#31  
Cyclohexane  
Concen: 52.941 ug/l  
RT: 7.689 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

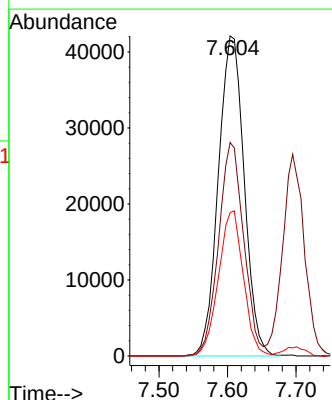
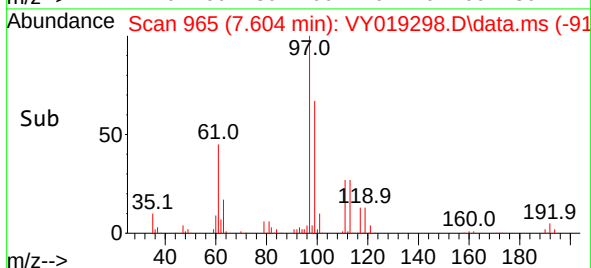
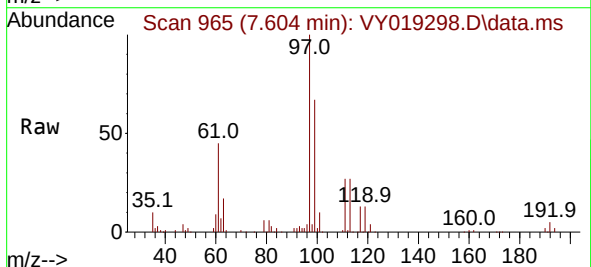


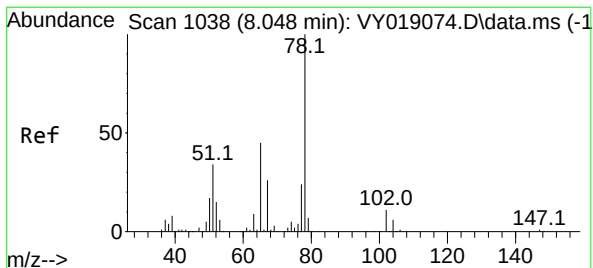
Tgt Ion: 56 Resp: 82327  
Ion Ratio Lower Upper  
56 100  
69 33.1 28.7 43.1  
84 93.5 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 55.686 ug/l  
RT: 7.604 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 97 Resp: 110326  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.3 75.5  
61 43.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.258 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

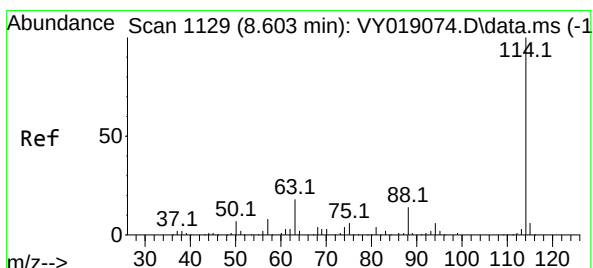
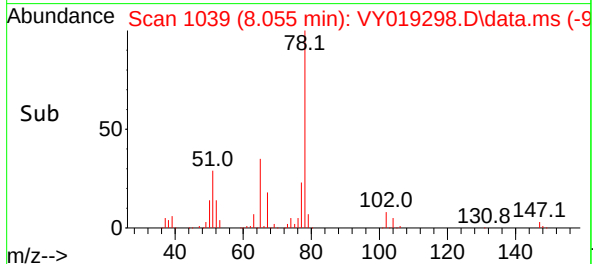
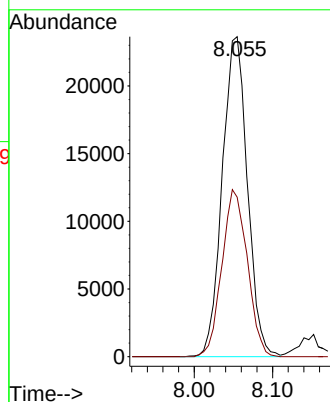
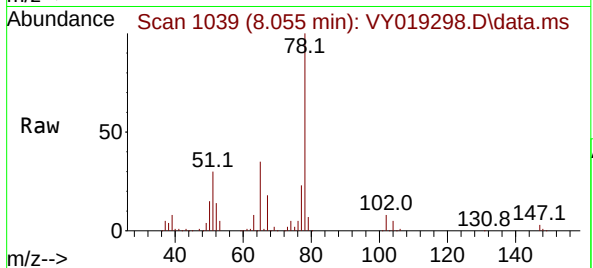
ClientSampleId :

Tgt Ion: 65 Resp: 52713

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

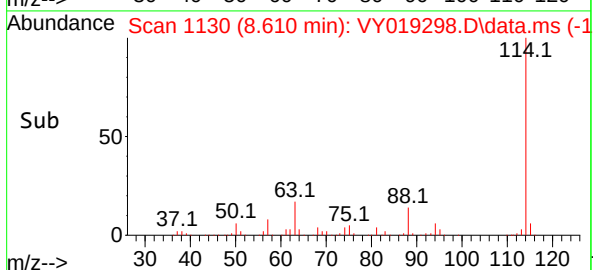
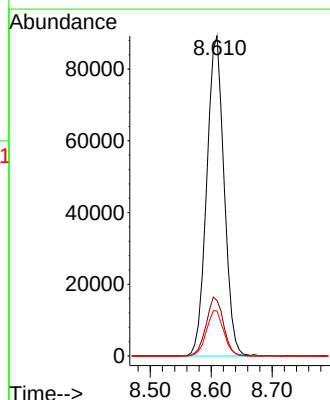
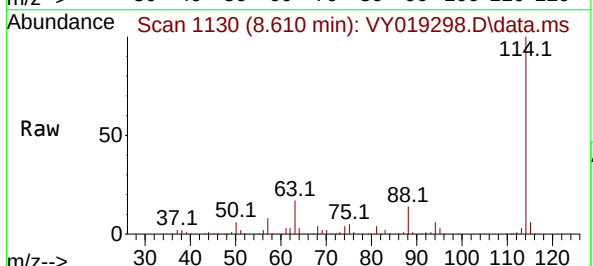
Tgt Ion: 114 Resp: 175942

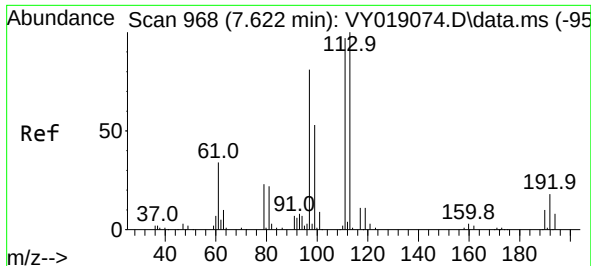
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.1 0.0 27.2

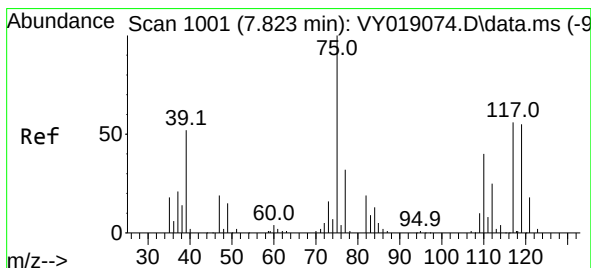
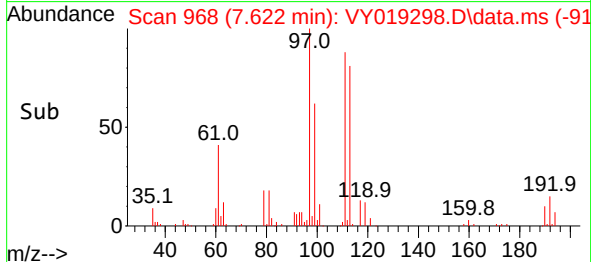
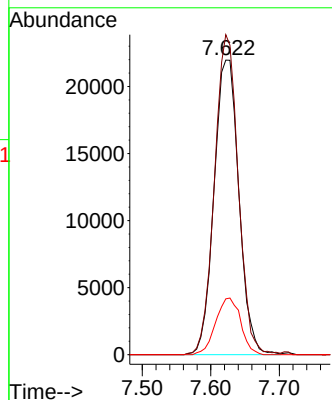
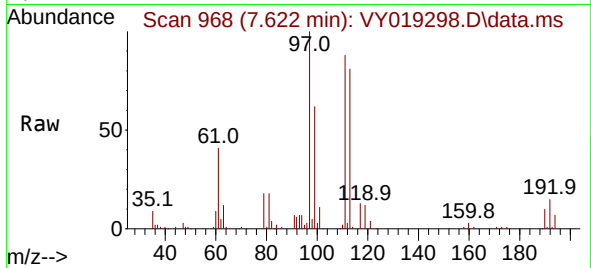




#35  
Dibromofluoromethane  
Concen: 48.112 ug/l  
RT: 7.622 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

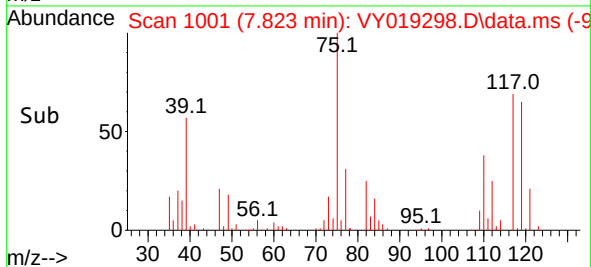
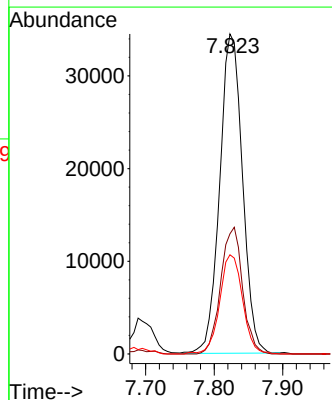
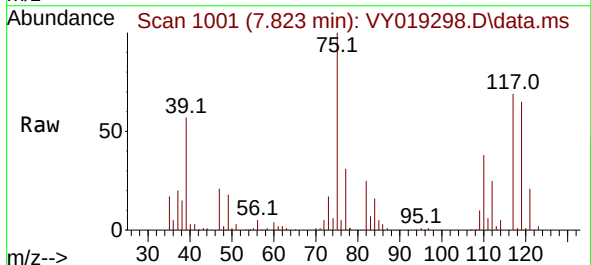
Instrument :  
MSVOA\_Y  
ClientSampleId :

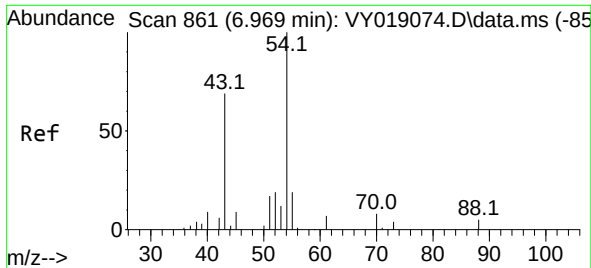
Tgt Ion:113 Resp: 55349  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.2 123.4  
192 19.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 50.286 ug/l  
RT: 7.823 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 75 Resp: 79438  
Ion Ratio Lower Upper  
75 100  
110 38.1 19.0 57.0  
77 31.2 25.3 37.9

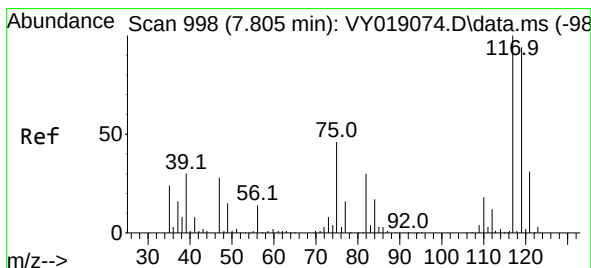
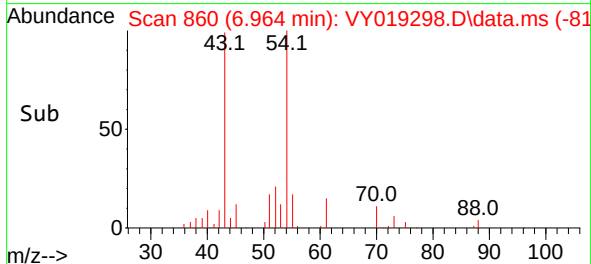
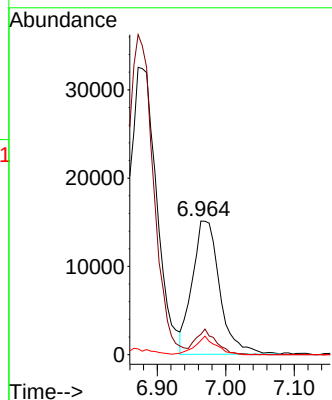
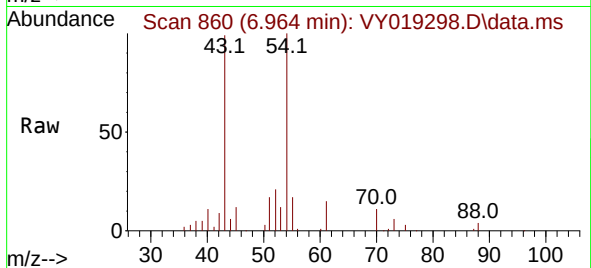




#37  
Ethyl Acetate  
Concen: 60.015 ug/l  
RT: 6.964 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

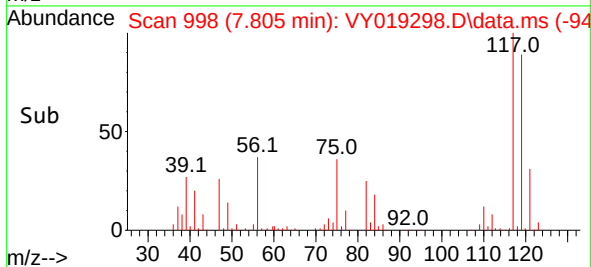
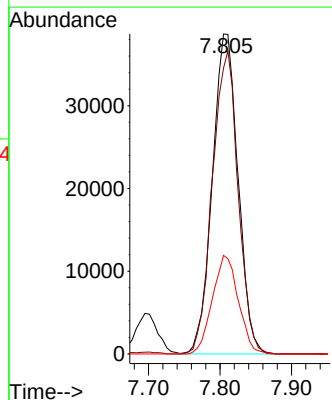
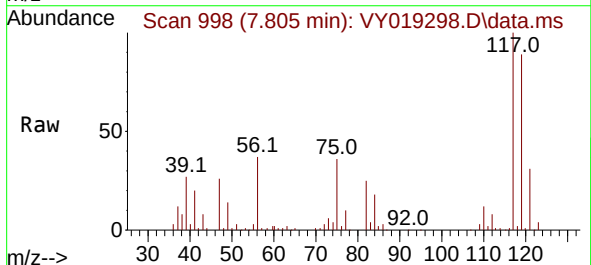
Instrument :  
MSVOA\_Y  
ClientSampleId :

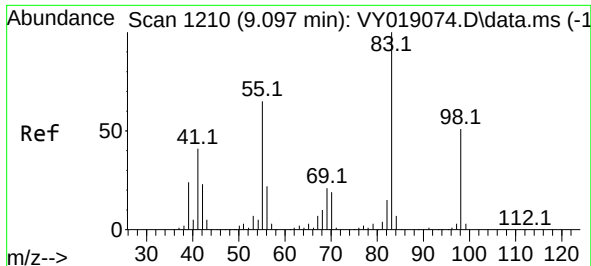
Tgt Ion: 43 Resp: 42004  
Ion Ratio Lower Upper  
43 100  
61 14.1 12.6 19.0  
70 10.5 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 52.794 ug/l  
RT: 7.805 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 117 Resp: 96651  
Ion Ratio Lower Upper  
117 100  
119 89.3 75.8 113.6  
121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 49.718 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

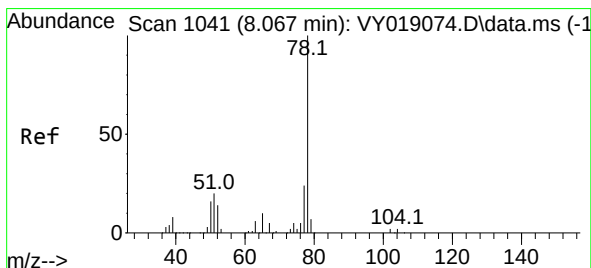
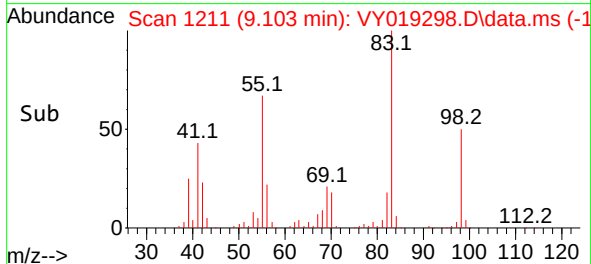
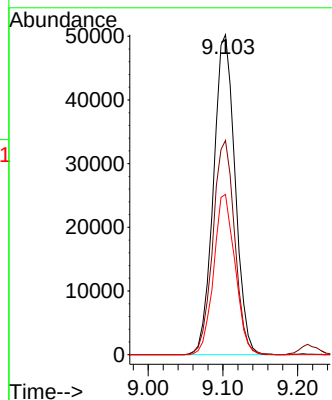
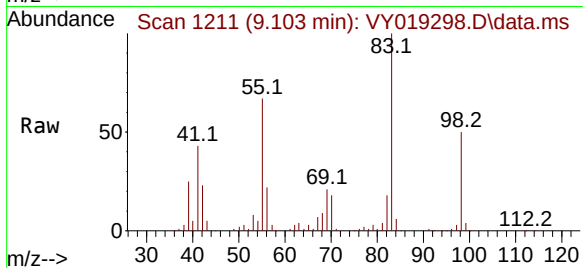
Tgt Ion: 83 Resp: 100789

Ion Ratio Lower Upper

83 100

55 67.0 51.5 77.3

98 50.1 40.5 60.7



#40

Benzene

Concen: 52.606 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019298.D

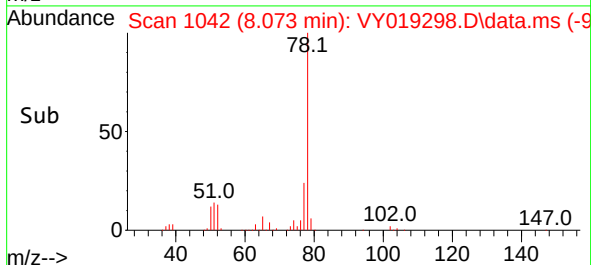
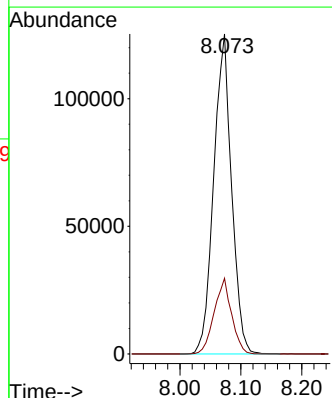
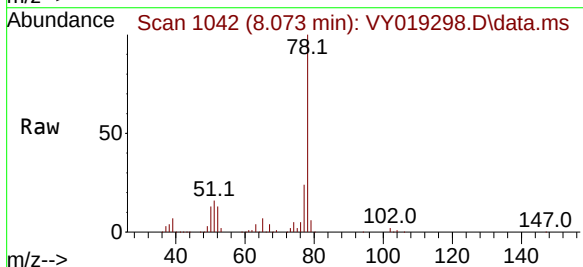
Acq: 27 Aug 2024 20:08

Tgt Ion: 78 Resp: 254871

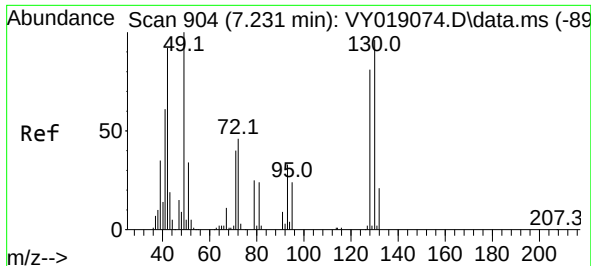
Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

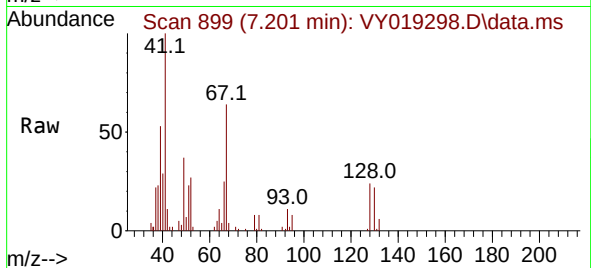




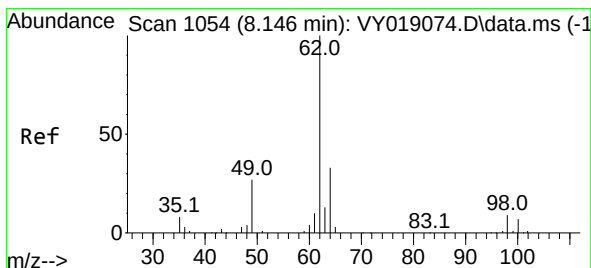
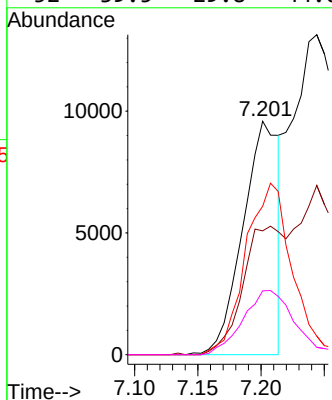
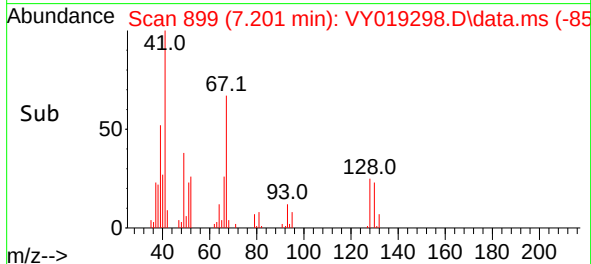


#41  
Methacrylonitrile  
Concen: 49.470 ug/l  
RT: 7.201 min Scan# 899  
Delta R.T. -0.030 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

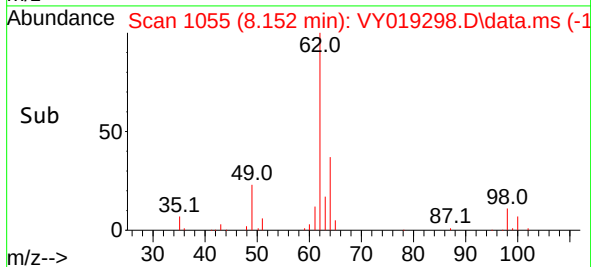
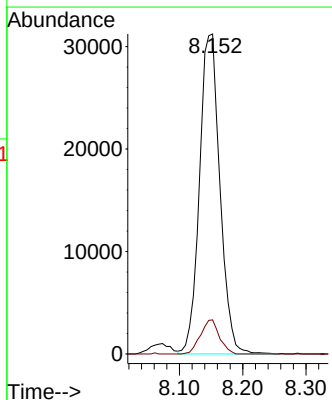
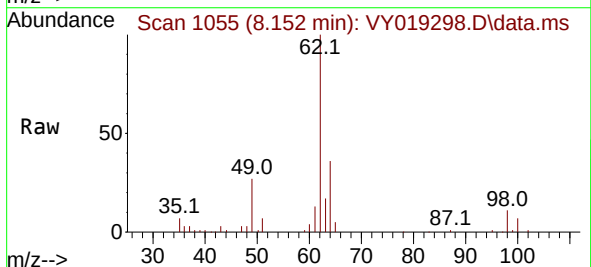


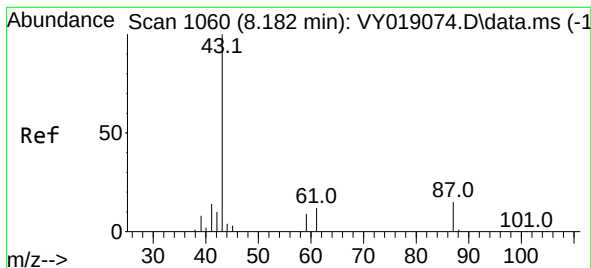
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 18898 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 65.3  | 48.0  | 72.0  |
| 67       | 95.1  | 75.1  | 112.7 |
| 52       | 39.5  | 29.8  | 44.6  |



#42  
1,2-Dichloroethane  
Concen: 53.775 ug/l  
RT: 8.152 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 70355 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.8   | 0.0   | 22.0  |





#43

Isopropyl Acetate

Concen: 53.220 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

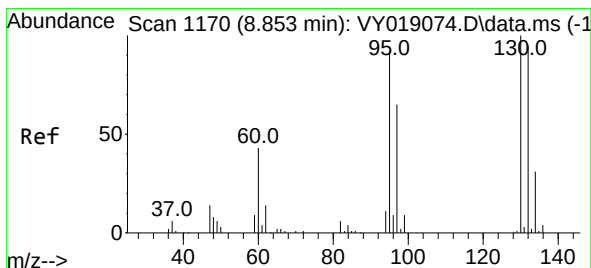
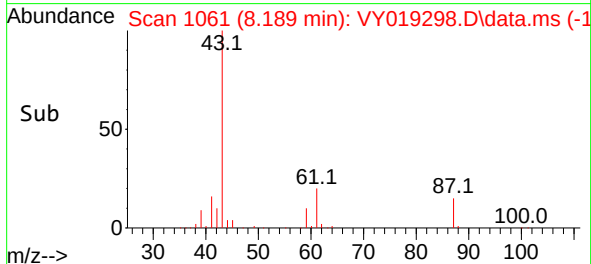
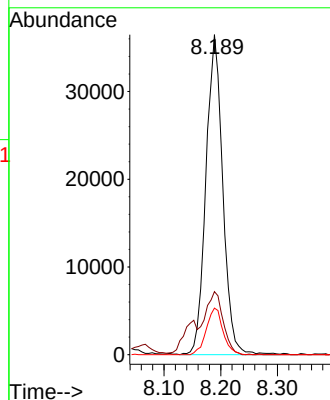
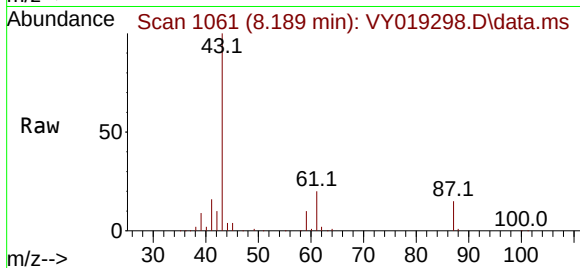
Tgt Ion: 43 Resp: 75331

Ion Ratio Lower Upper

43 100

61 21.3 27.9 41.9#

87 14.4 13.1 19.7



#44

Trichloroethene

Concen: 51.687 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019298.D

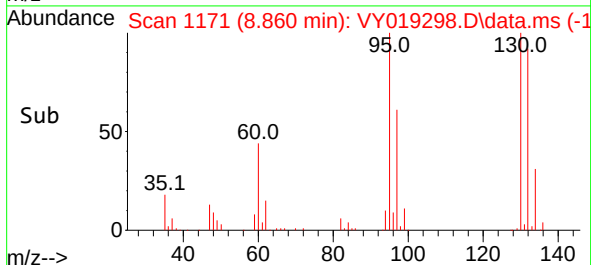
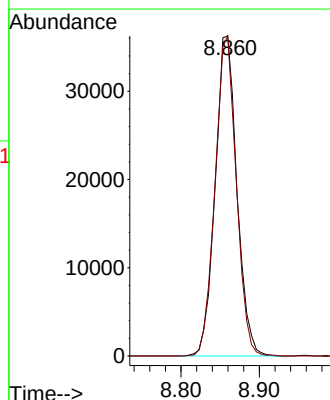
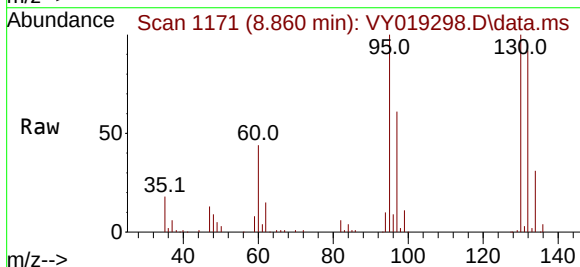
Acq: 27 Aug 2024 20:08

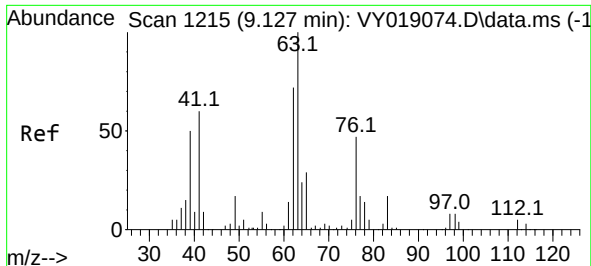
Tgt Ion:130 Resp: 69874

Ion Ratio Lower Upper

130 100

95 100.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 54.879 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

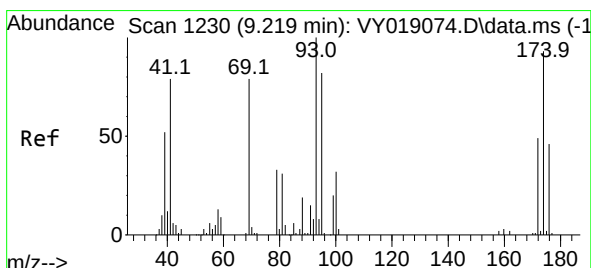
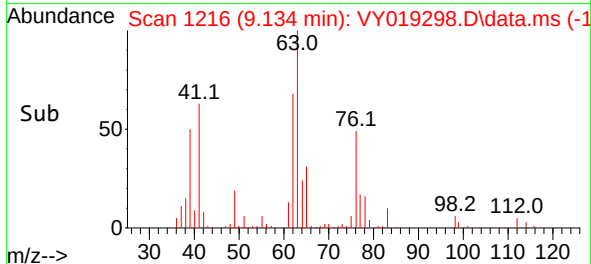
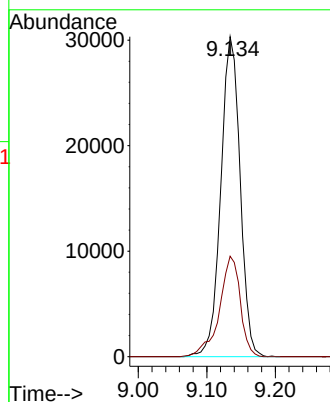
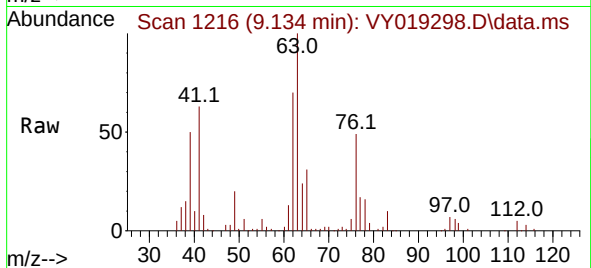
ClientSampleId :

Tgt Ion: 63 Resp: 59240

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2



#46

Dibromomethane

Concen: 54.782 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

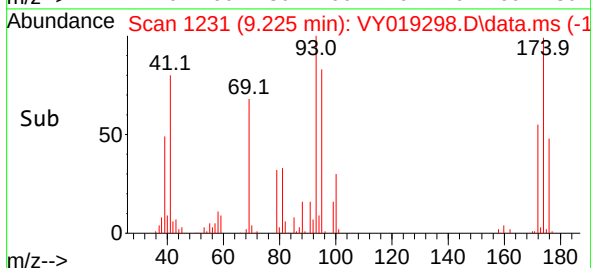
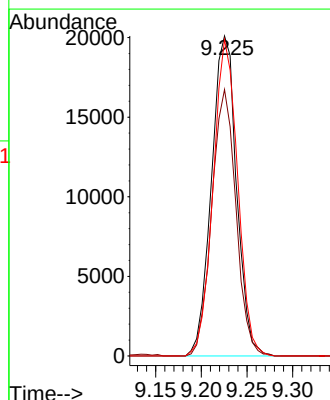
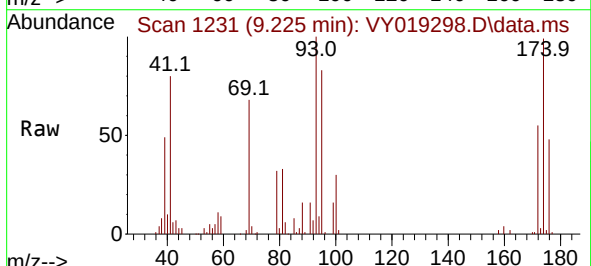
Tgt Ion: 93 Resp: 38355

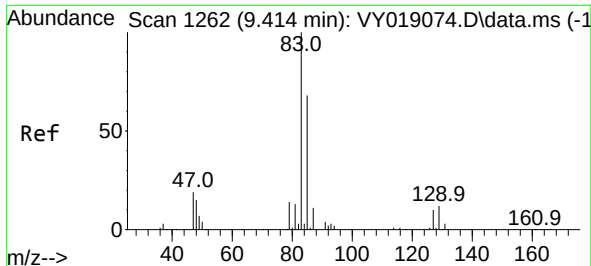
Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.4

174 96.6 80.9 121.3

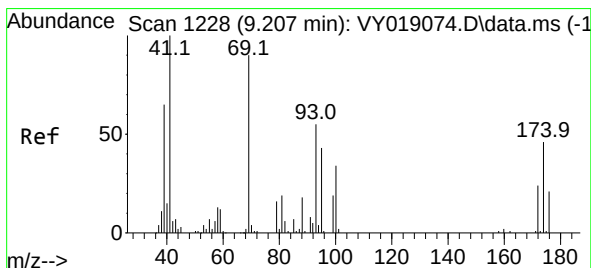
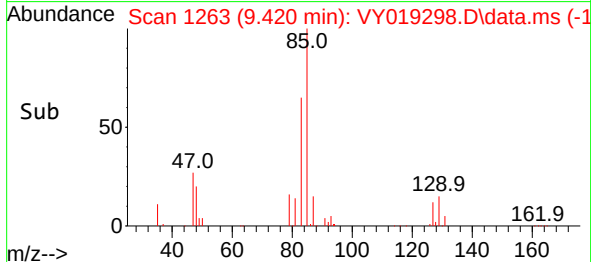
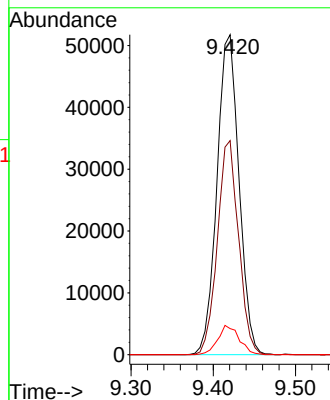
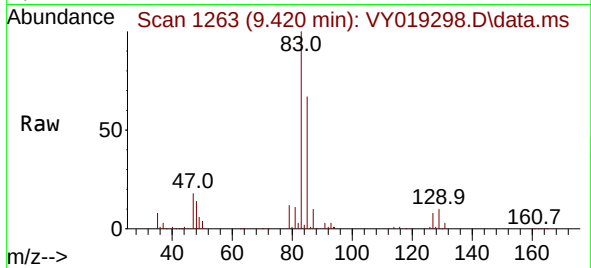




#47  
Bromodichloromethane  
Concen: 56.123 ug/l  
RT: 9.420 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

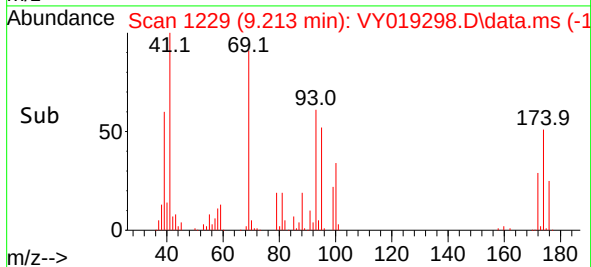
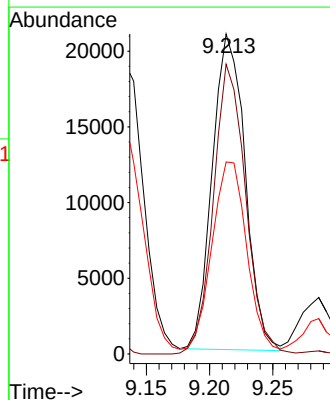
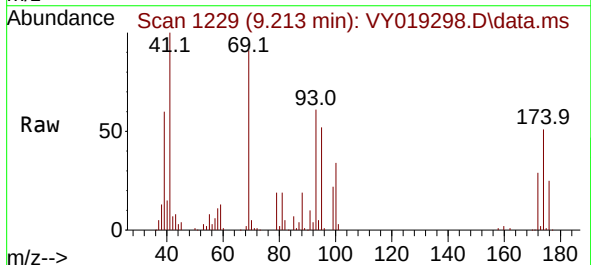
Instrument :  
MSVOA\_Y  
ClientSampleId :

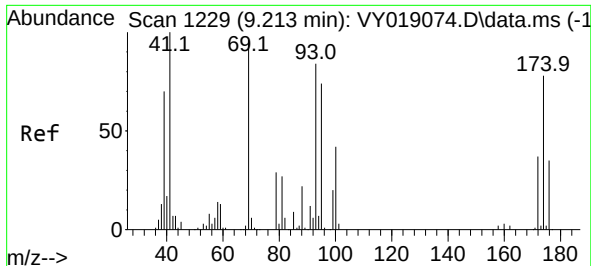
Tgt Ion: 83 Resp: 96402  
Ion Ratio Lower Upper  
83 100  
85 66.9 50.1 75.1  
127 8.1 7.4 11.0



#48  
Methyl methacrylate  
Concen: 59.592 ug/l  
RT: 9.213 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 41 Resp: 37592  
Ion Ratio Lower Upper  
41 100  
69 90.1 84.1 126.1  
39 65.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1116.826 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

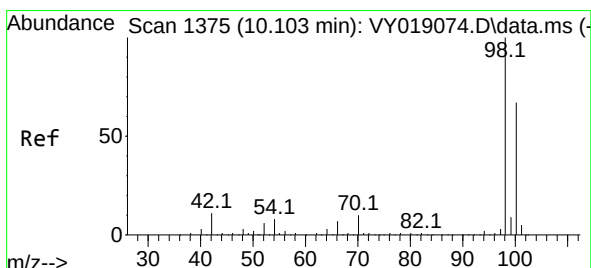
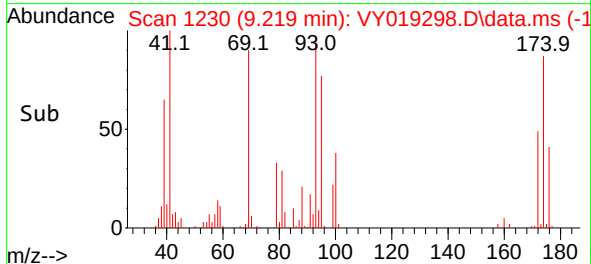
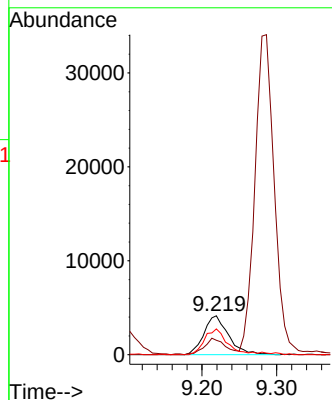
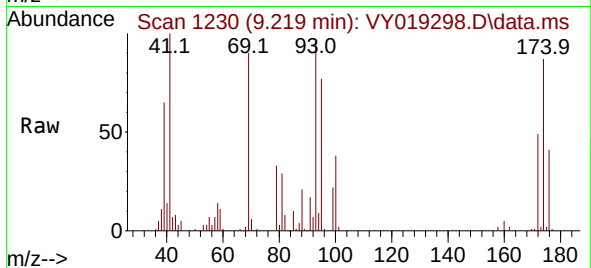
Tgt Ion: 88 Resp: 9472

Ion Ratio Lower Upper

88 100

43 35.1 0.0 0.0#

58 61.1 49.3 73.9



#50

Toluene-d8

Concen: 47.586 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019298.D

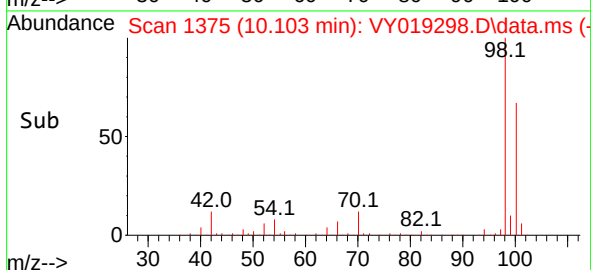
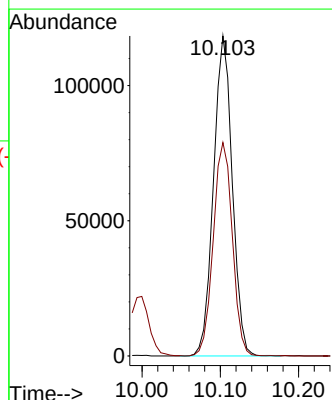
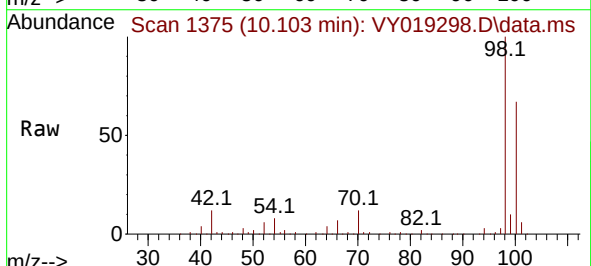
Acq: 27 Aug 2024 20:08

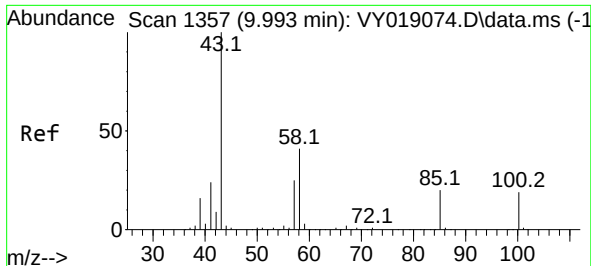
Tgt Ion: 98 Resp: 197005

Ion Ratio Lower Upper

98 100

100 67.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 296.415 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

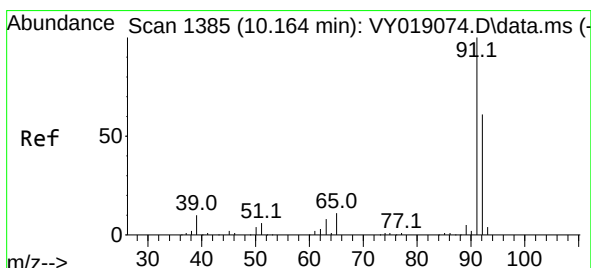
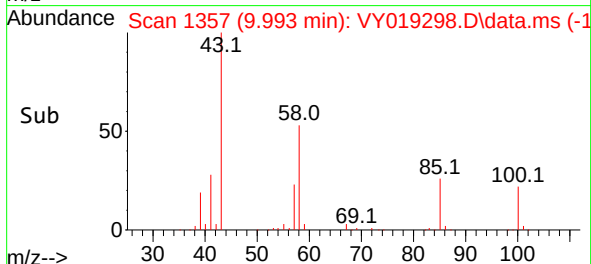
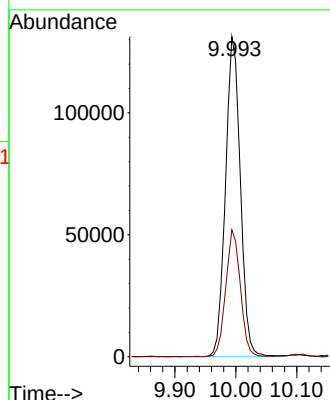
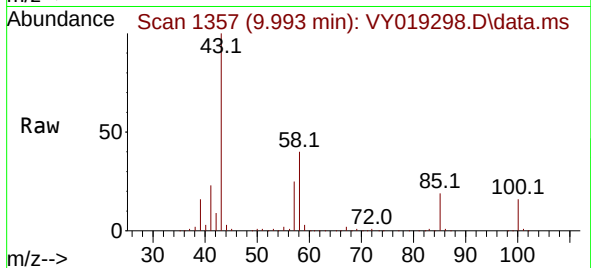
ClientSampleId :

Tgt Ion: 43 Resp: 222687

Ion Ratio Lower Upper

43 100

58 38.9 35.7 53.5



#52

Toluene

Concen: 53.678 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019298.D

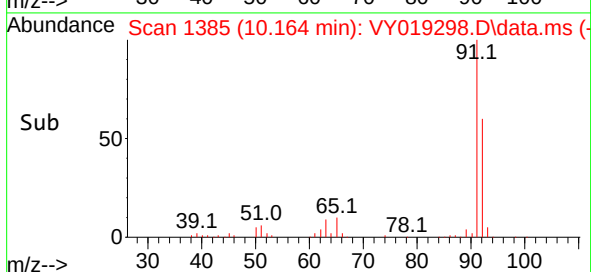
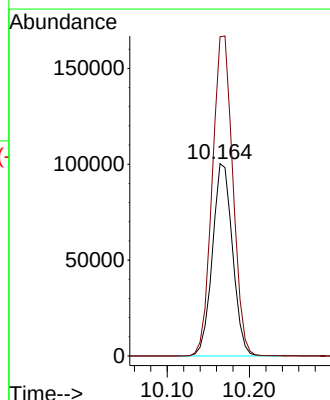
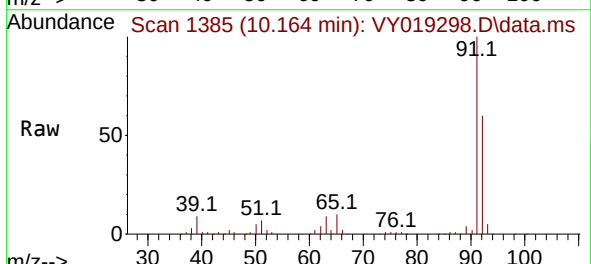
Acq: 27 Aug 2024 20:08

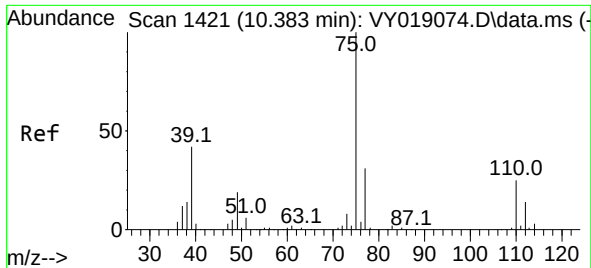
Tgt Ion: 92 Resp: 170713

Ion Ratio Lower Upper

92 100

91 170.1 139.0 208.6

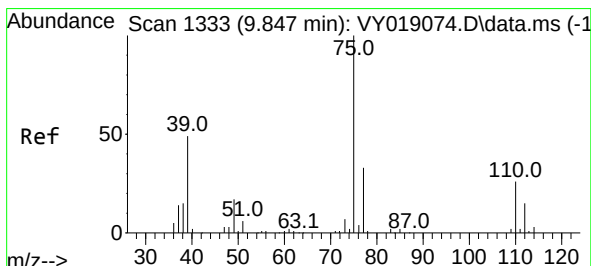
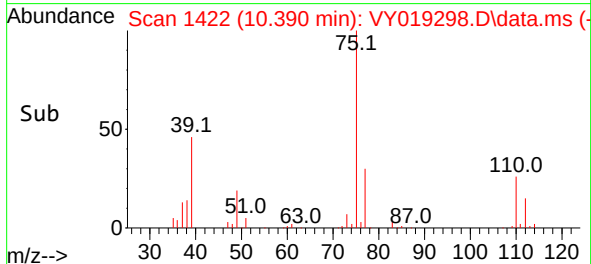
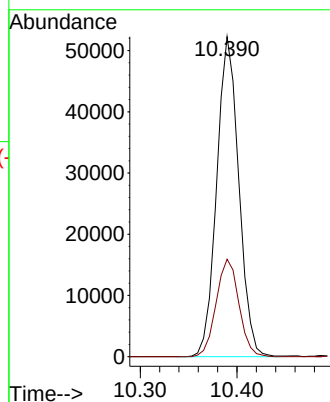
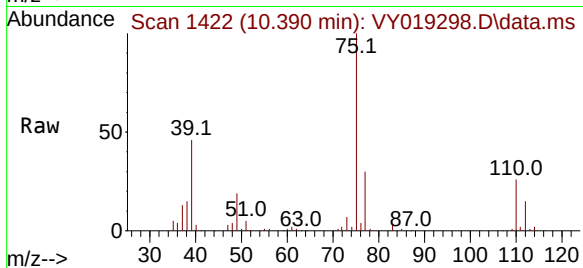




#53  
 t-1,3-Dichloropropene  
 Concen: 58.140 ug/l  
 RT: 10.390 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

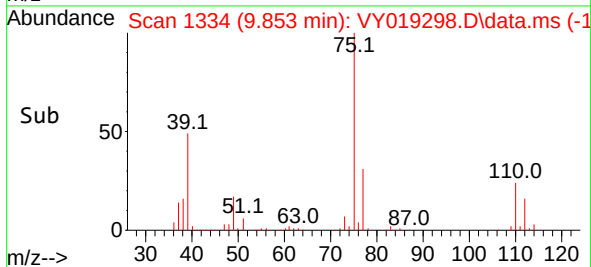
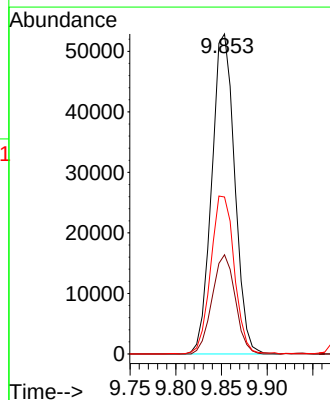
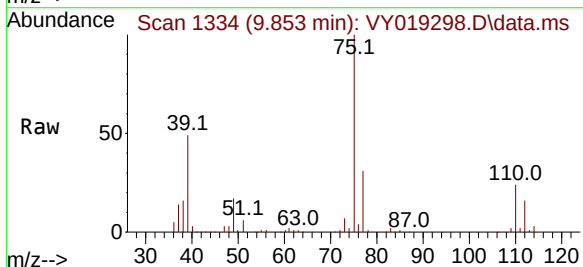
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

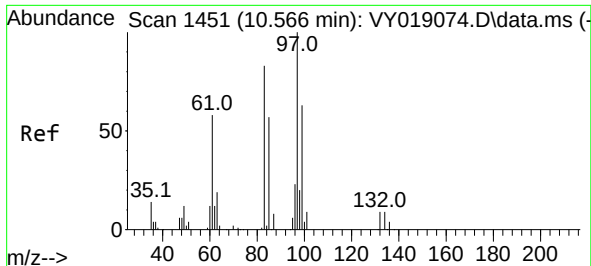
Tgt Ion: 75 Resp: 82844  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.875 ug/l  
 RT: 9.853 min Scan# 1334  
 Delta R.T. 0.006 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

Tgt Ion: 75 Resp: 92322  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.4 38.0  
 39 49.0 29.8 44.6#

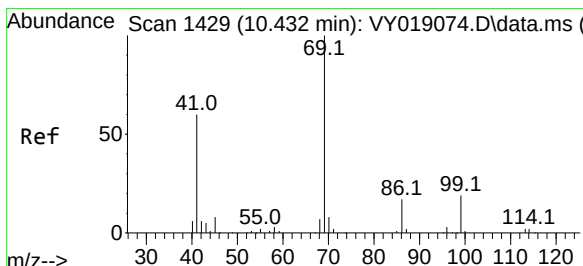
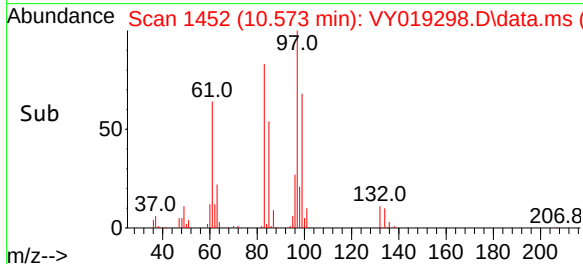
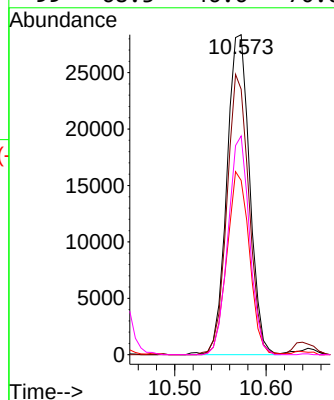
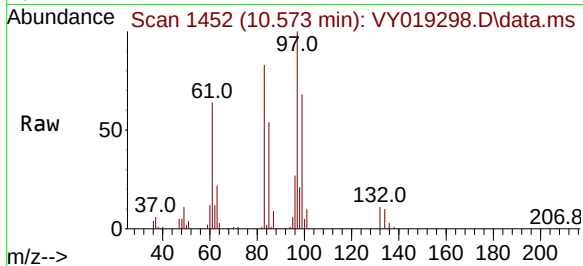




#55  
1,1,2-Trichloroethane  
Concen: 54.621 ug/l  
RT: 10.573 min Scan# 1451  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

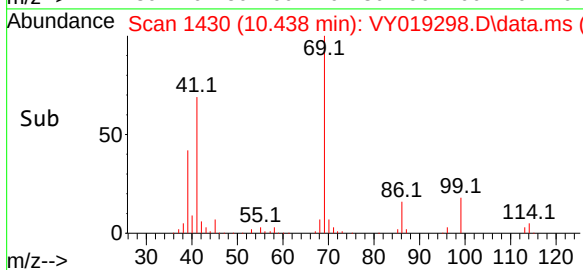
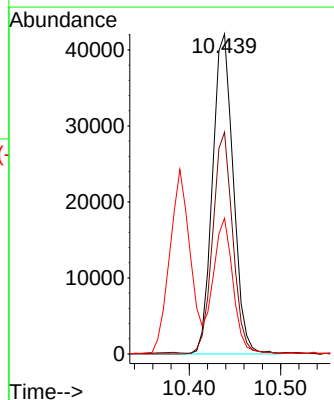
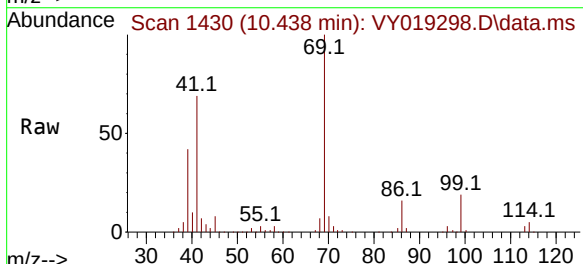
Instrument :  
MSVOA\_Y  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 49230 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.0     | 67.5 101.3  |
| 85 54.5     | 42.9 64.3   |
| 99 68.3     | 46.6 70.0   |

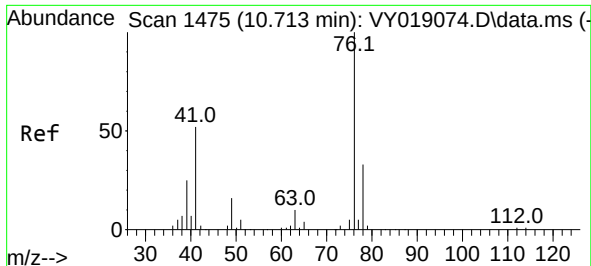


#56  
Ethyl methacrylate  
Concen: 56.293 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 66411 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 66.3     | 42.3 63.5#  |
| 39 40.5     | 22.9 34.3#  |







#57

1,3-Dichloropropane

Concen: 56.107 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

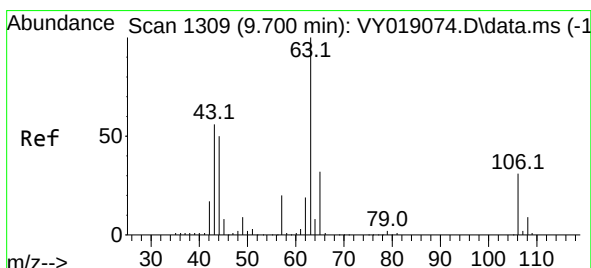
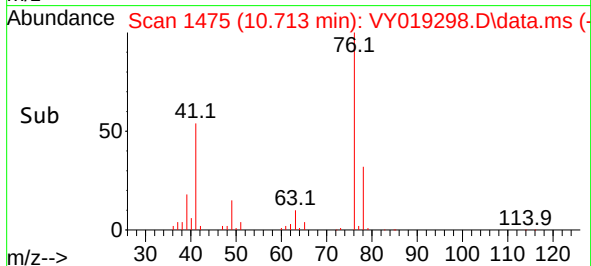
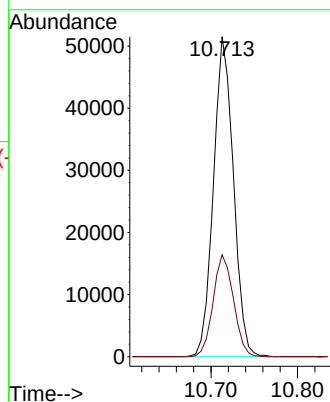
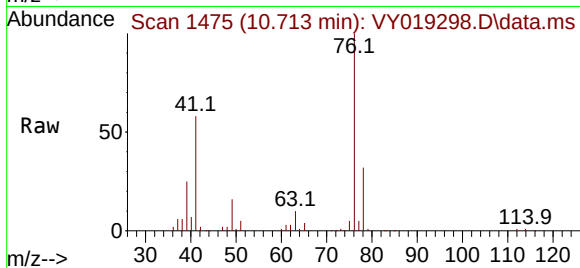
ClientSampleId :

Tgt Ion: 76 Resp: 82437

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 264.333 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019298.D

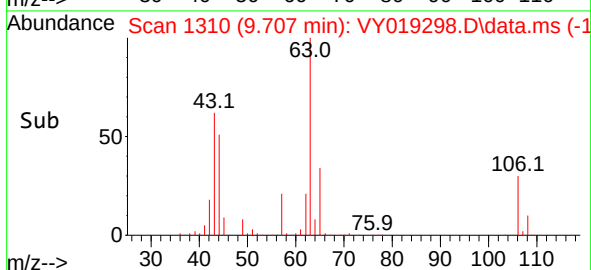
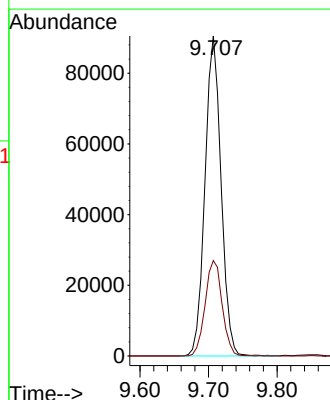
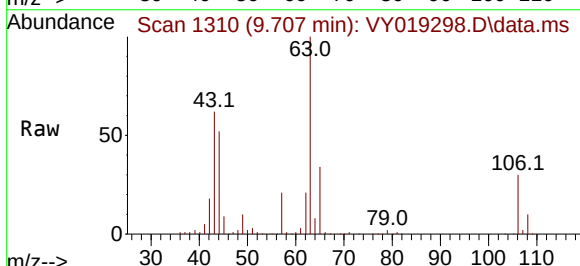
Acq: 27 Aug 2024 20:08

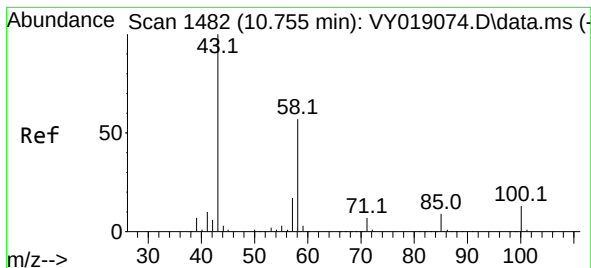
Tgt Ion: 63 Resp: 147937

Ion Ratio Lower Upper

63 100

106 31.5 23.7 35.5





#59

2-Hexanone

Concen: 295.804 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

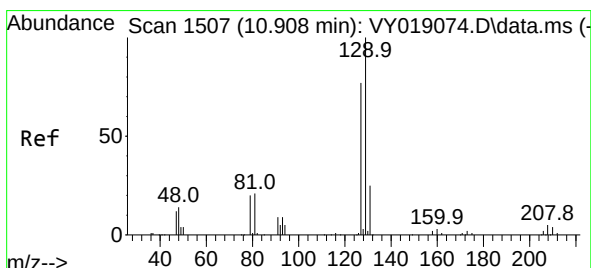
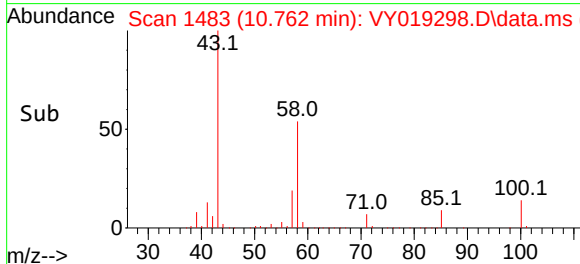
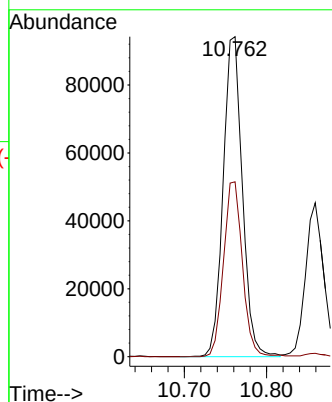
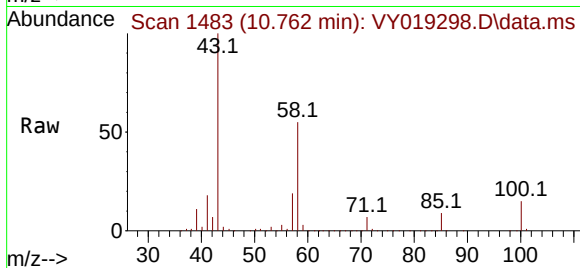
ClientSampleId :

Tgt Ion: 43 Resp: 152675

Ion Ratio Lower Upper

43 100

58 54.0 31.4 94.0



#60

Dibromochloromethane

Concen: 55.798 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019298.D

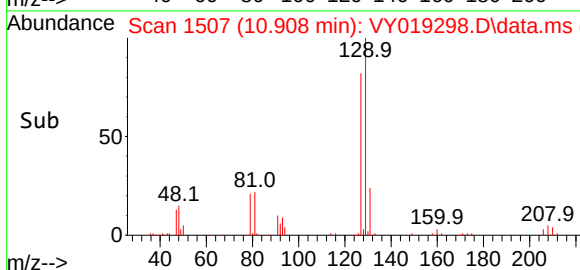
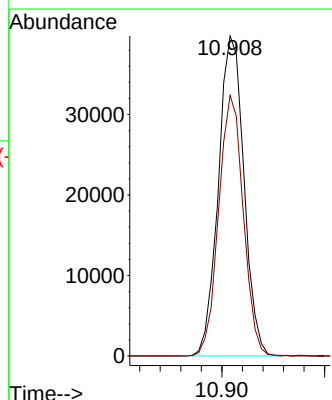
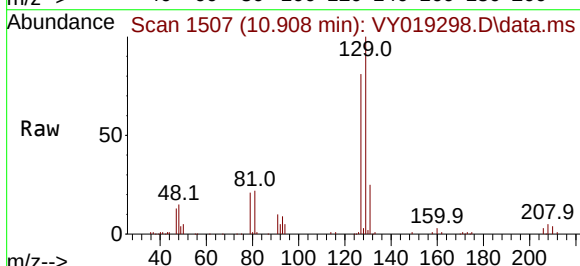
Acq: 27 Aug 2024 20:08

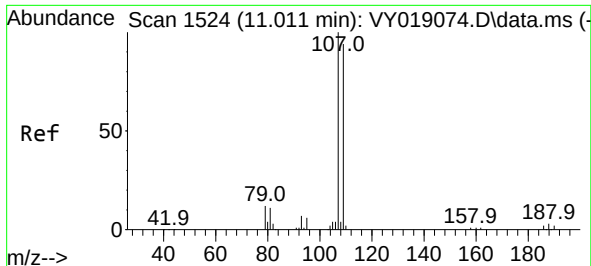
Tgt Ion:129 Resp: 68498

Ion Ratio Lower Upper

129 100

127 78.4 39.0 117.0

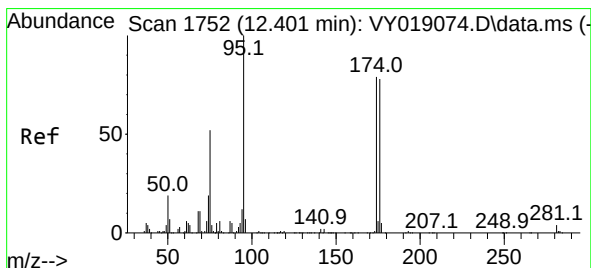
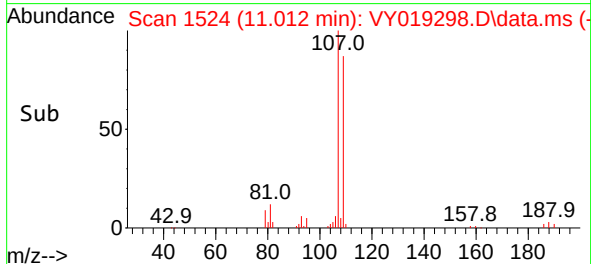
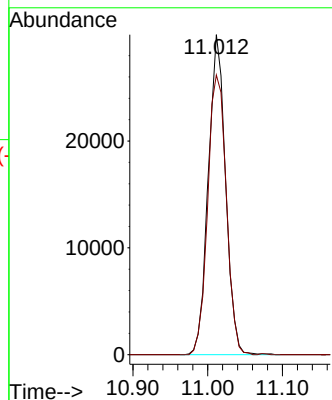
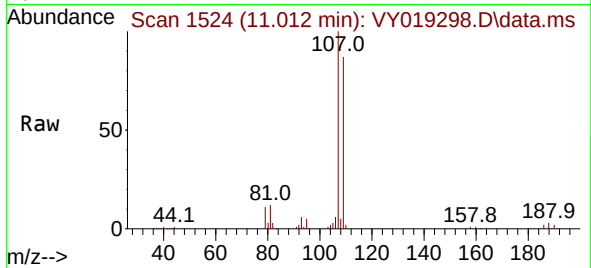




#61  
1,2-Dibromoethane  
Concen: 55.204 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

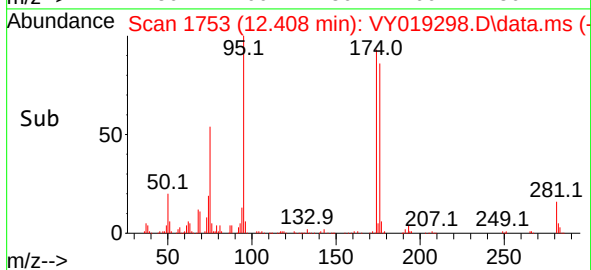
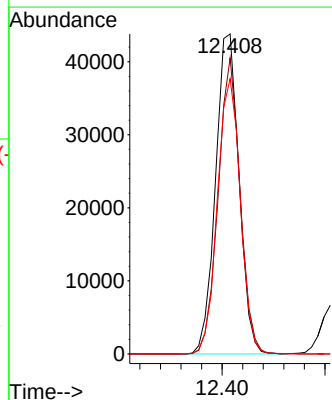
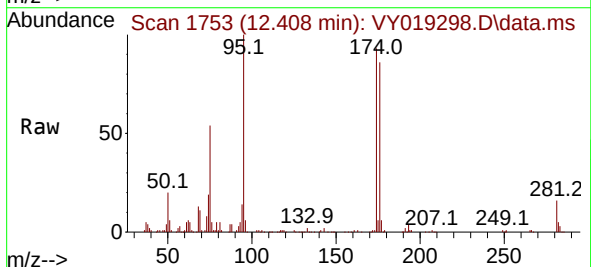
Instrument :  
MSVOA\_Y  
ClientSampleId :

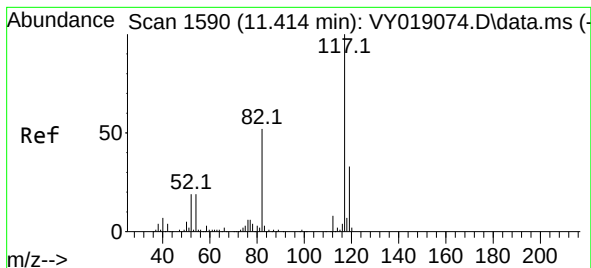
Tgt Ion:107 Resp: 48091  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 49.072 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

Tgt Ion: 95 Resp: 69255  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 175.6  
176 84.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

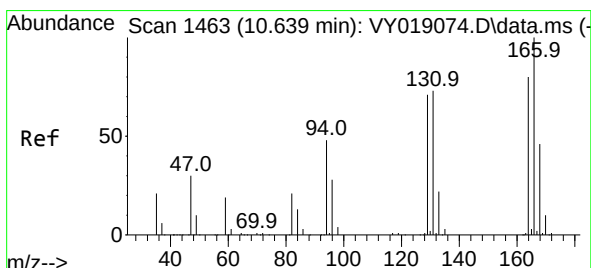
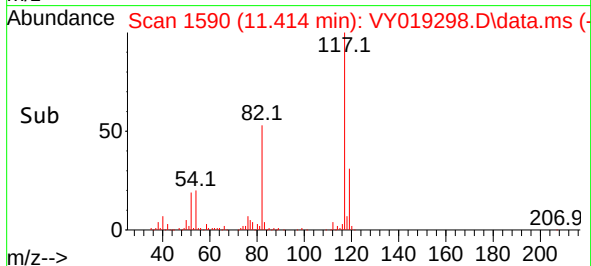
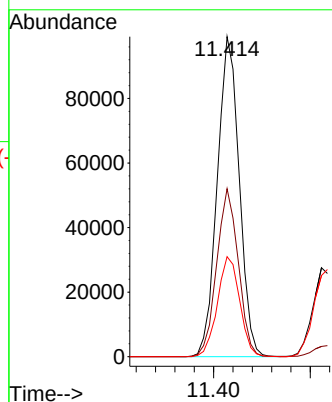
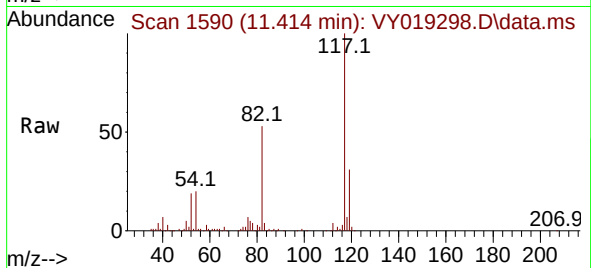
Tgt Ion:117 Resp: 156253

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 31.2 25.9 38.9



#64

Tetrachloroethene

Concen: 52.326 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Tgt Ion:164 Resp: 71465

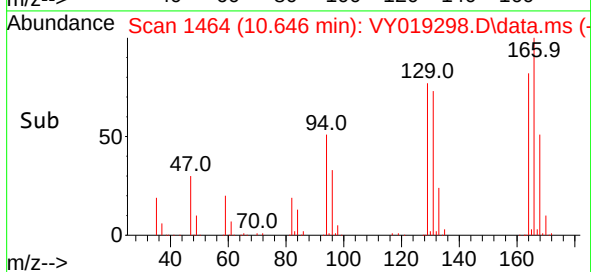
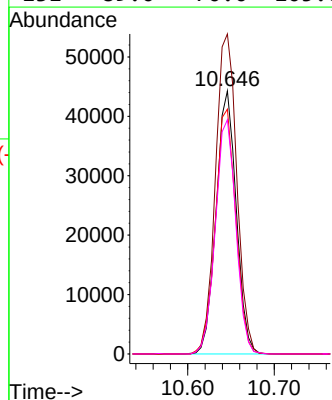
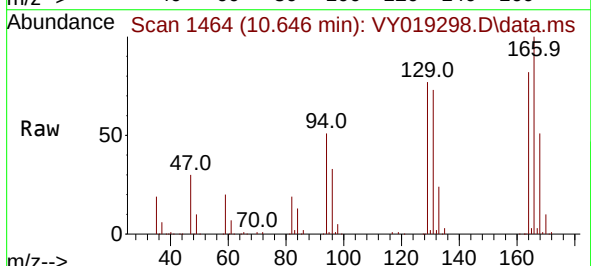
Ion Ratio Lower Upper

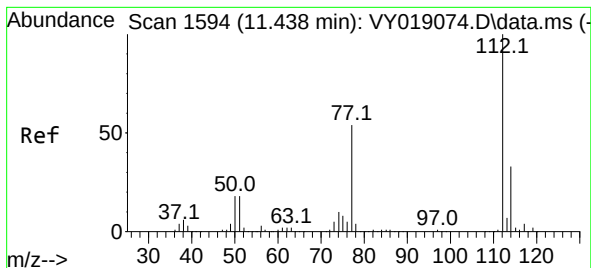
164 100

166 121.7 102.6 154.0

129 93.1 72.0 108.0

131 89.0 70.0 105.0





#65

Chlorobenzene

Concen: 52.605 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

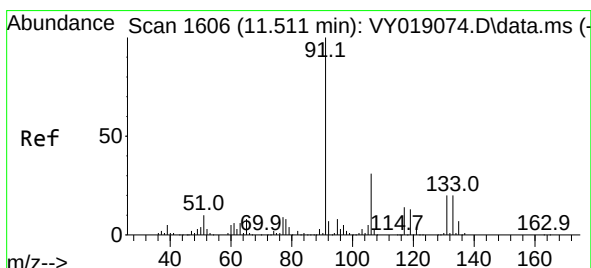
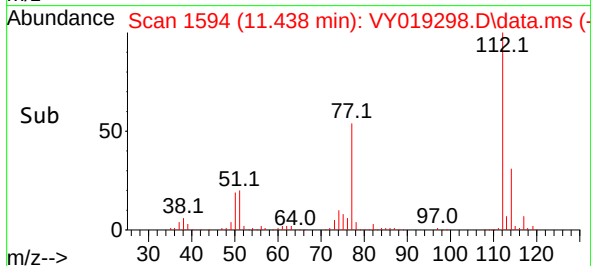
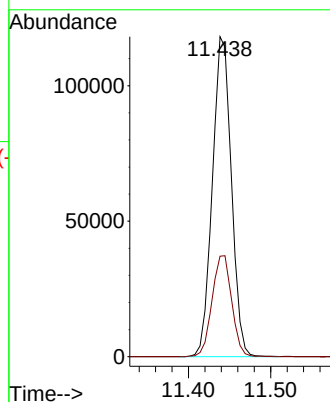
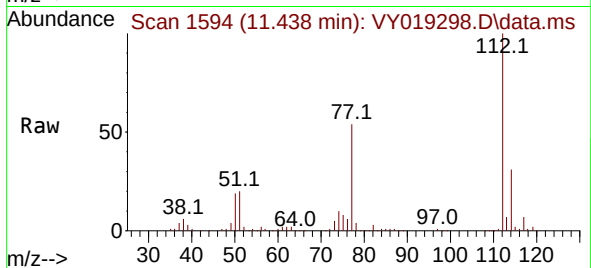
ClientSampleId :

Tgt Ion:112 Resp: 189267

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.161 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

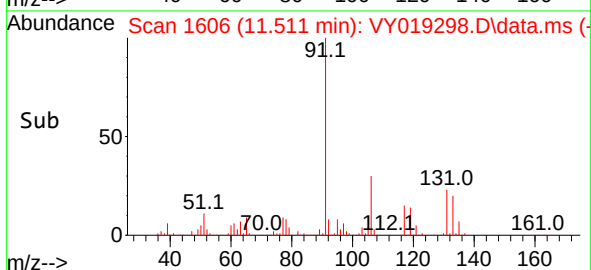
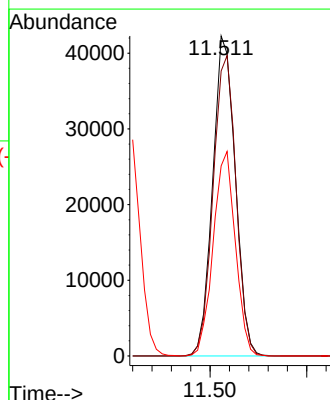
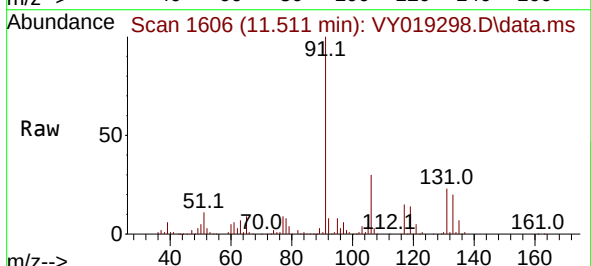
Tgt Ion:131 Resp: 68528

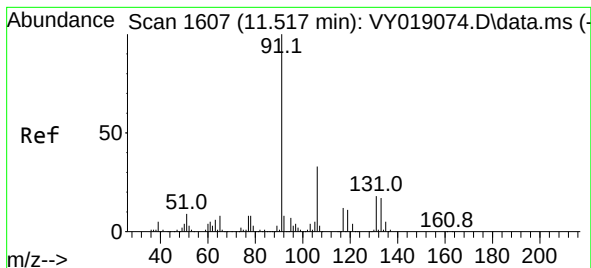
Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

119 62.7 34.1 102.2





#67

Ethyl Benzene

Concen: 53.843 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

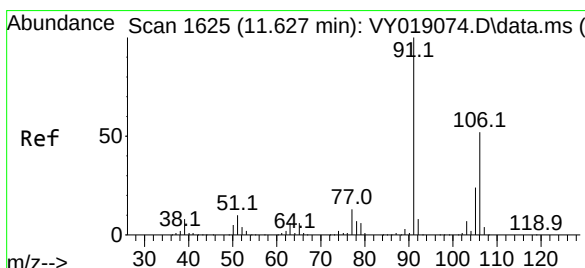
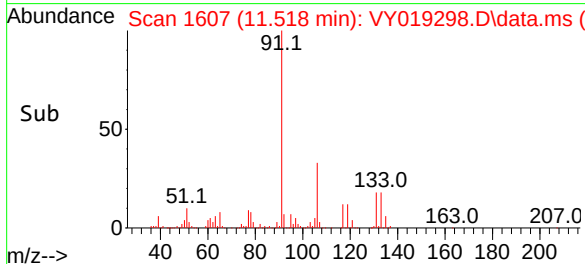
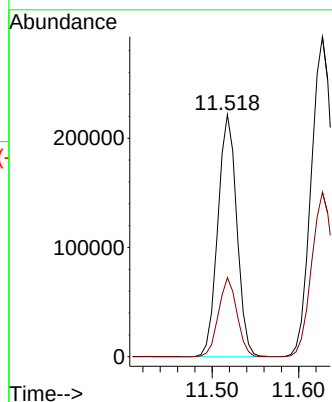
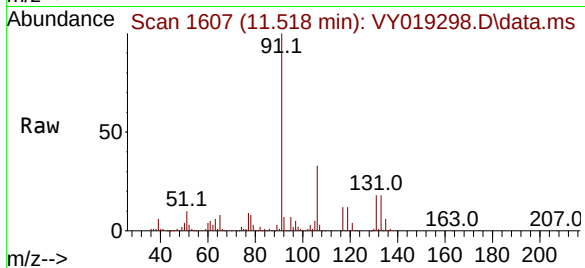
ClientSampleId :

Tgt Ion: 91 Resp: 336235

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 106.561 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019298.D

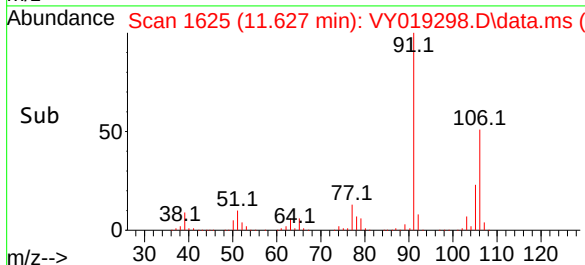
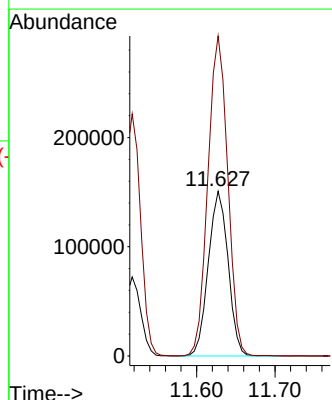
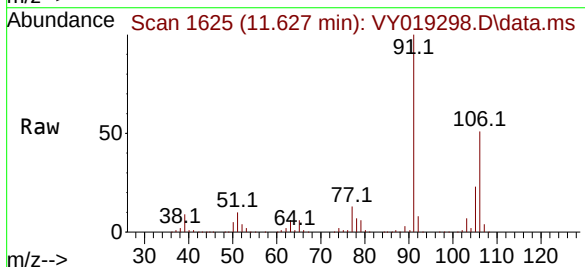
Acq: 27 Aug 2024 20:08

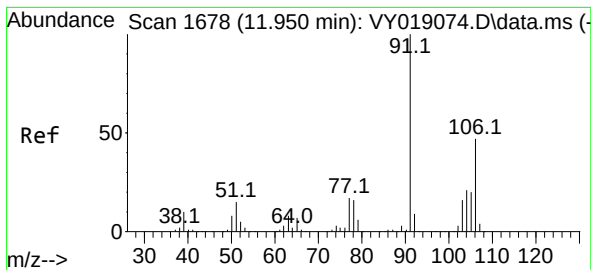
Tgt Ion:106 Resp: 264045

Ion Ratio Lower Upper

106 100

91 195.1 156.0 234.0





#69

o-Xylene

Concen: 54.974 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

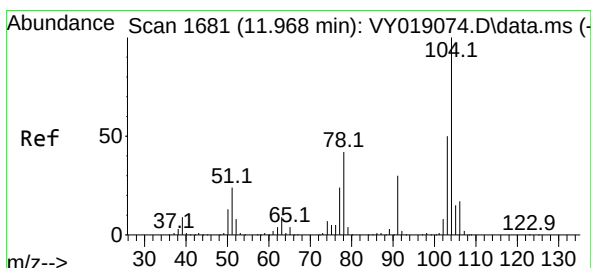
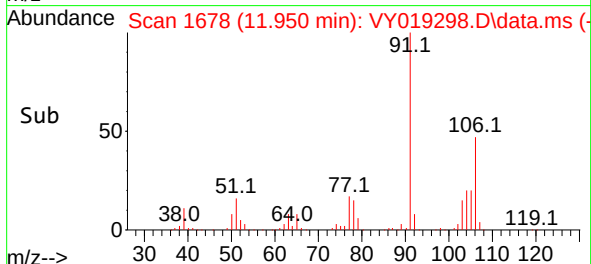
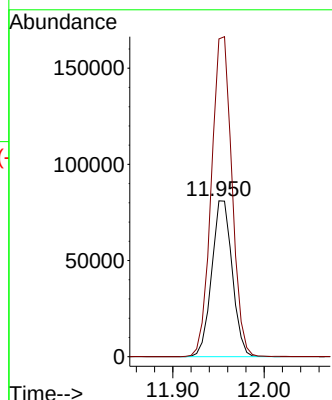
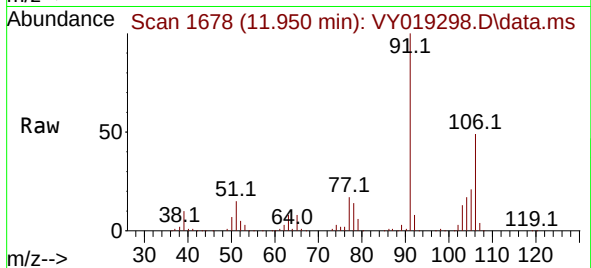
ClientSampleId :

Tgt Ion:106 Resp: 126144

Ion Ratio Lower Upper

106 100

91 206.2 103.6 310.8



#70

Styrene

Concen: 54.650 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

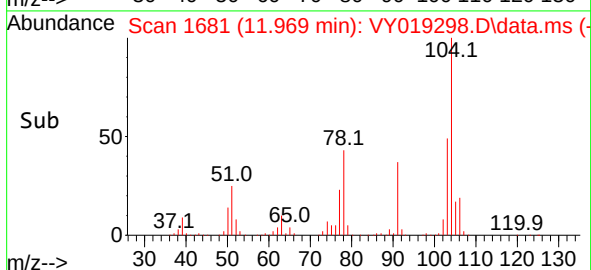
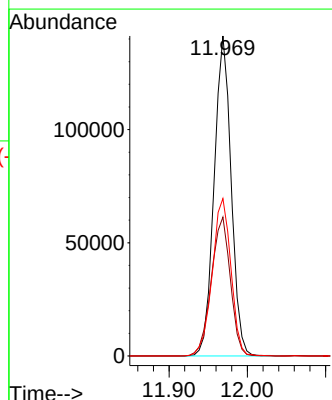
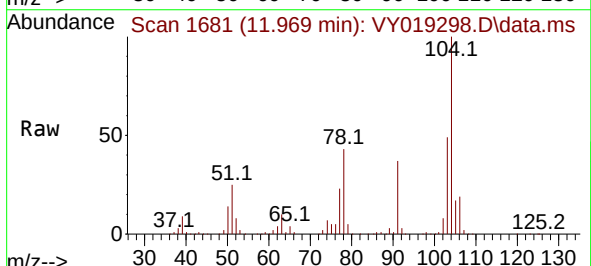
Tgt Ion:104 Resp: 213846

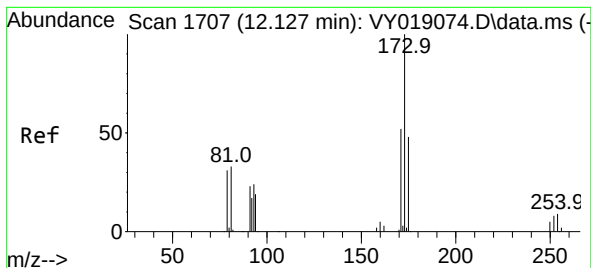
Ion Ratio Lower Upper

104 100

78 48.6 37.0 55.4

103 53.9 44.2 66.2





#71

Bromoform

Concen: 55.147 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

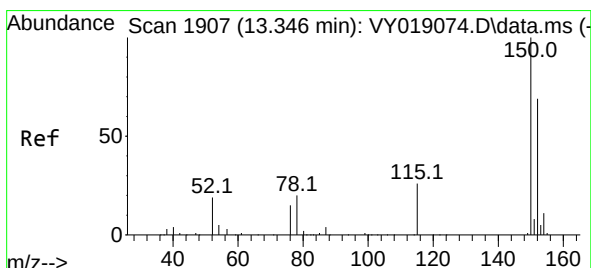
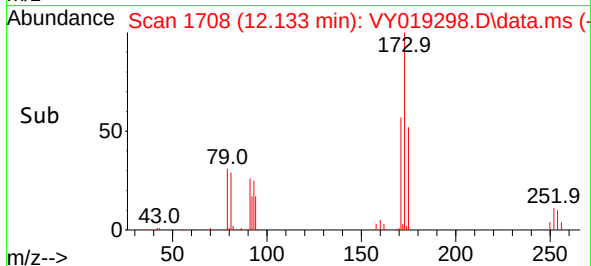
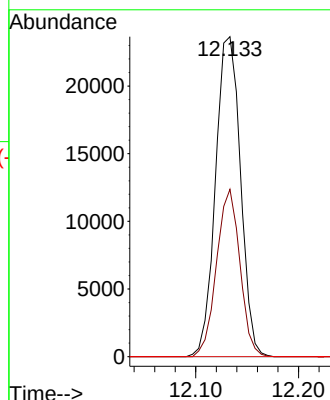
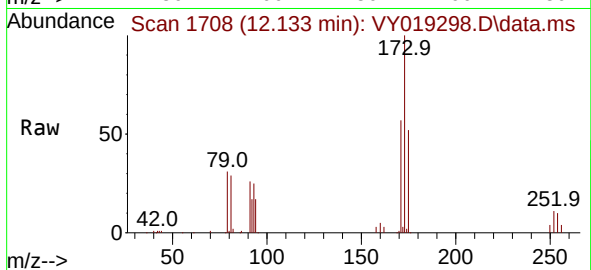
Tgt Ion:173 Resp: 39887

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

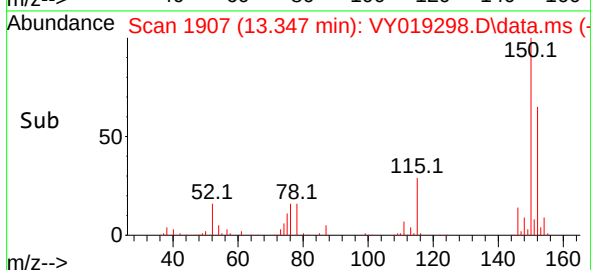
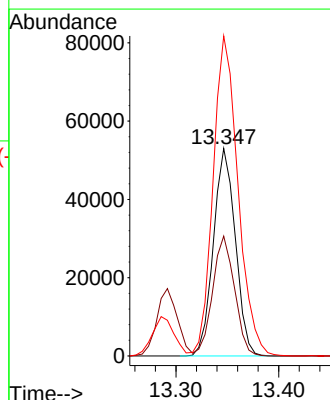
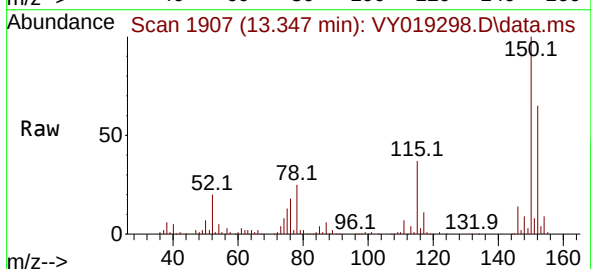
Tgt Ion:152 Resp: 78503

Ion Ratio Lower Upper

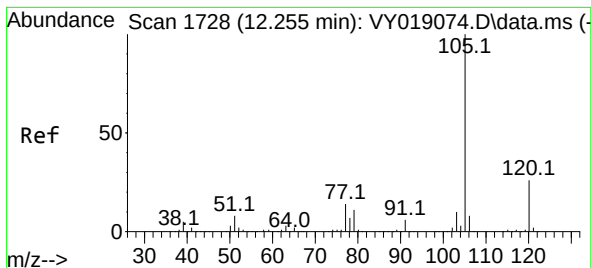
152 100

115 57.6 28.2 84.7

150 175.4 0.0 345.6







#73

Isopropylbenzene

Concen: 54.133 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

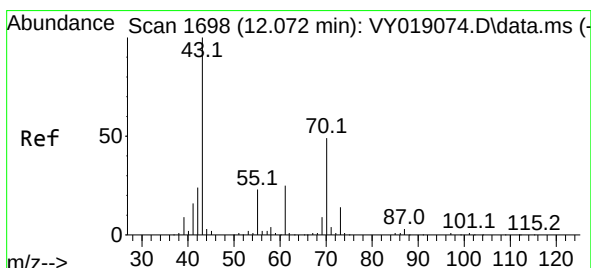
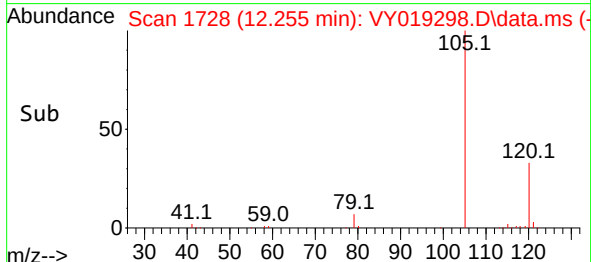
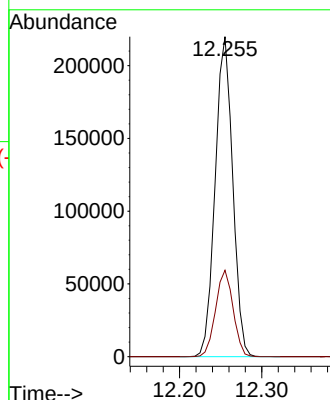
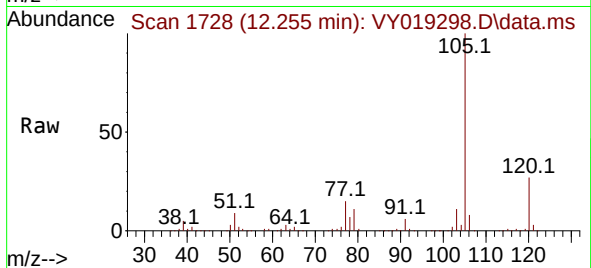
ClientSampleId :

Tgt Ion:105 Resp: 325711

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 58.340 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Tgt Ion: 43 Resp: 76543

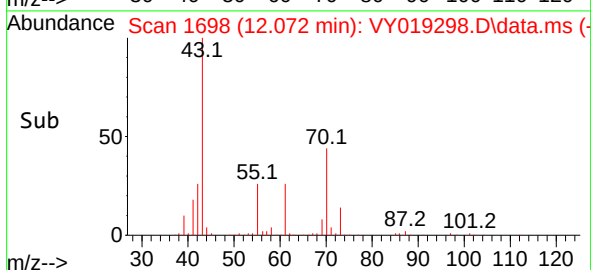
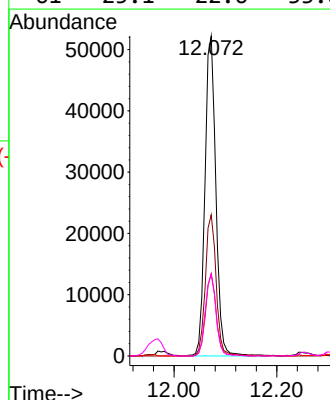
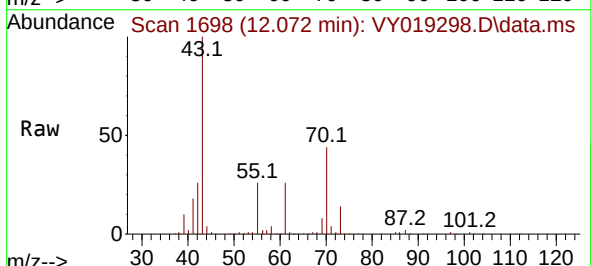
Ion Ratio Lower Upper

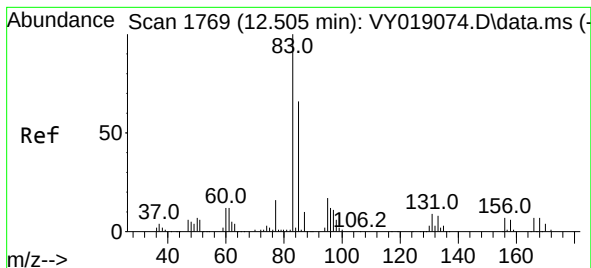
43 100

70 43.8 41.4 62.2

55 25.2 23.3 34.9

61 25.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.546 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

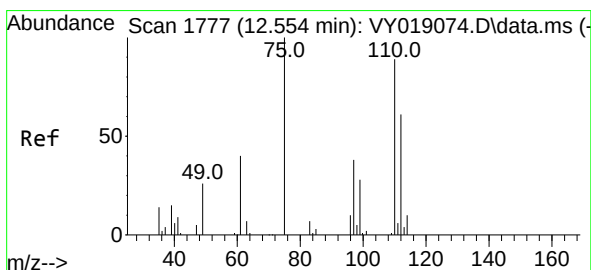
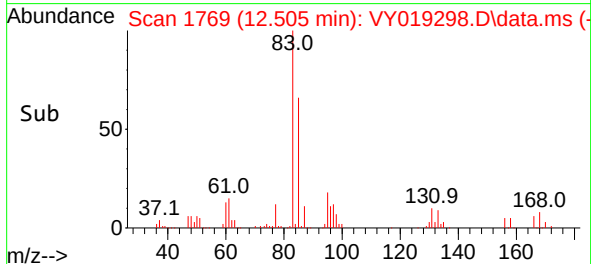
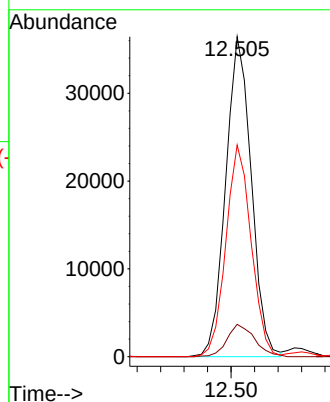
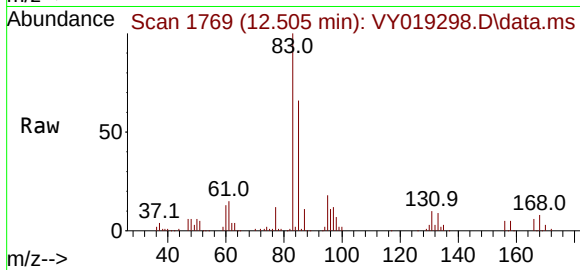
Tgt Ion: 83 Resp: 55215

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 92.828 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019298.D

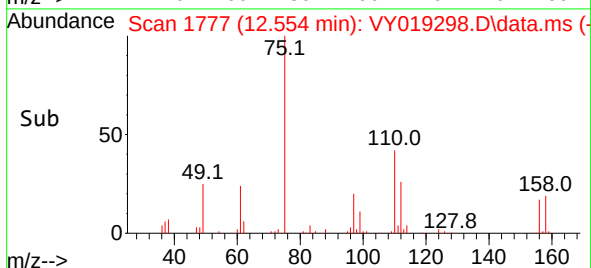
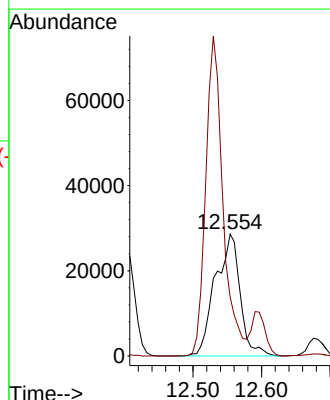
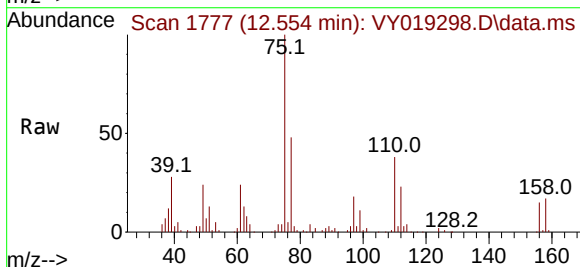
Acq: 27 Aug 2024 20:08

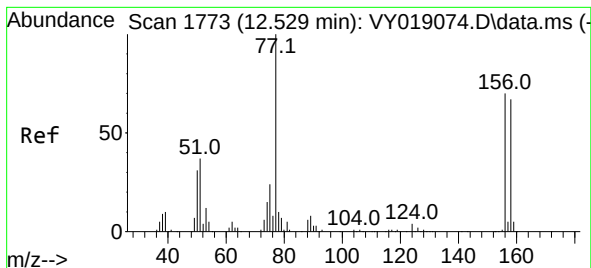
Tgt Ion: 75 Resp: 71866

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.005 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

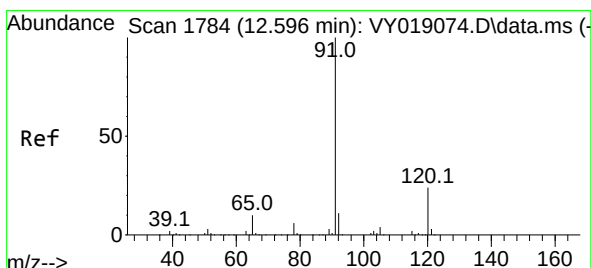
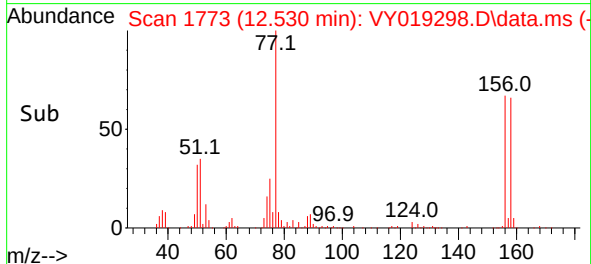
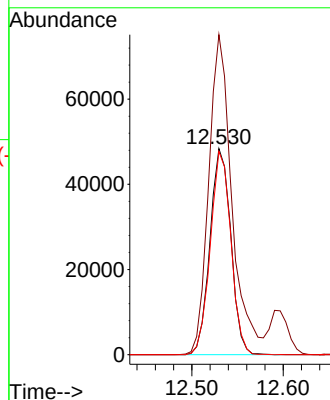
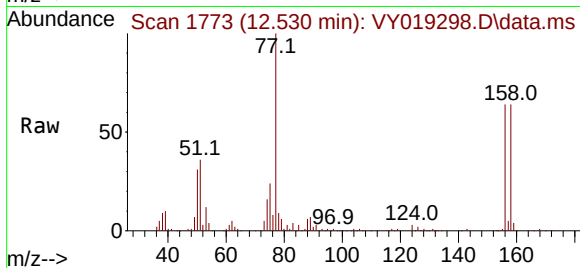
Tgt Ion:156 Resp: 76593

Ion Ratio Lower Upper

156 100

77 172.7 87.1 261.3

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 53.250 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019298.D

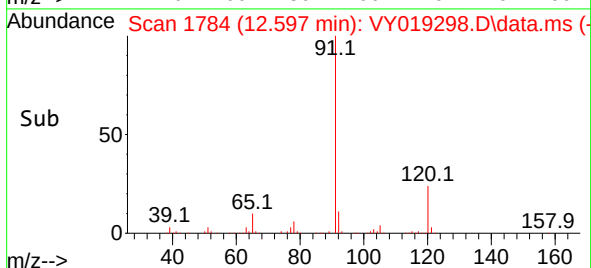
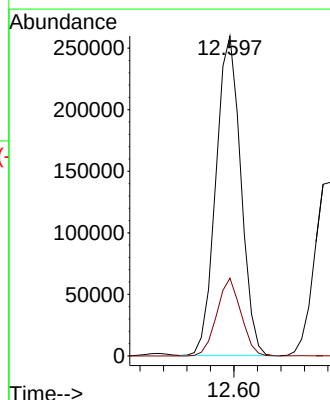
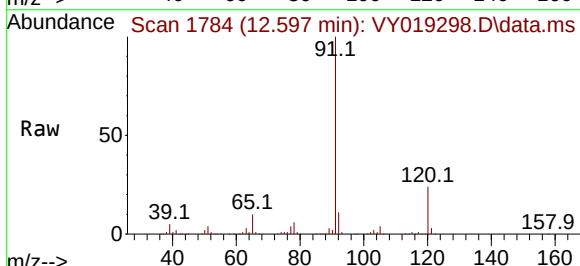
Acq: 27 Aug 2024 20:08

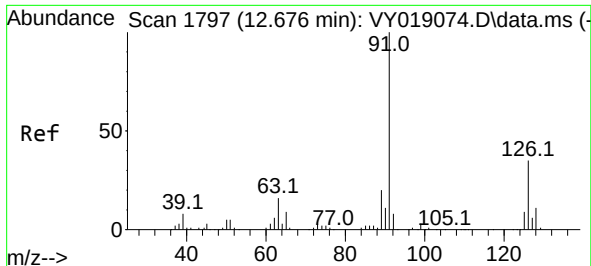
Tgt Ion: 91 Resp: 383019

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.355 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

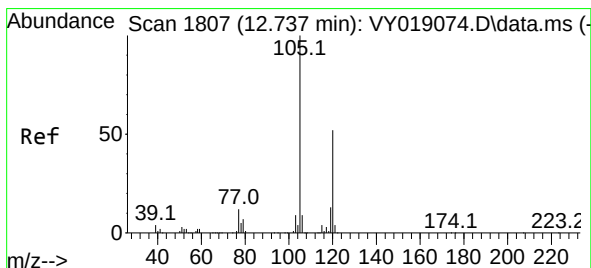
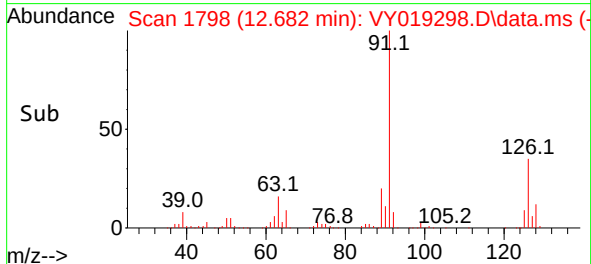
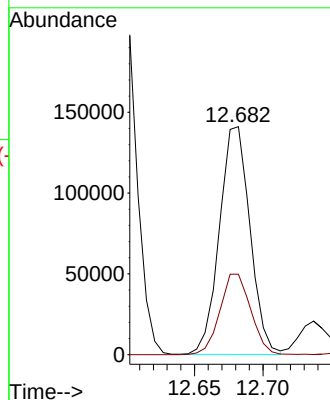
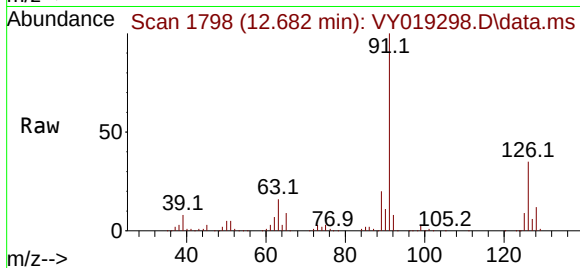
ClientSampleId :

Tgt Ion: 91 Resp: 219189

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.959 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019298.D

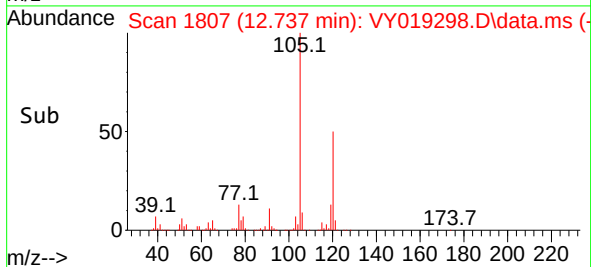
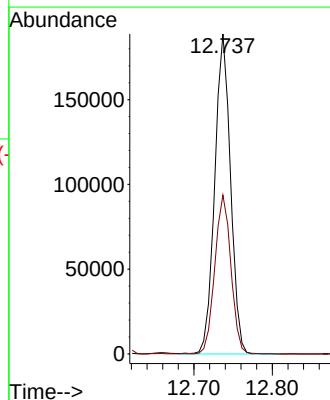
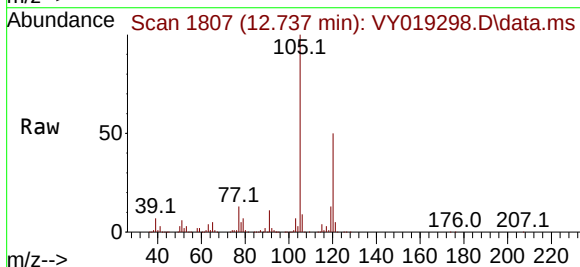
Acq: 27 Aug 2024 20:08

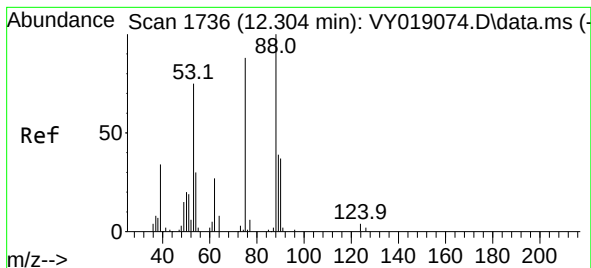
Tgt Ion:105 Resp: 264492

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

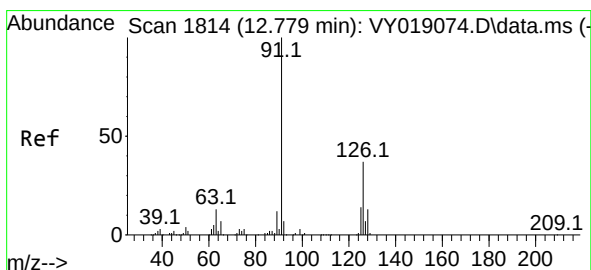
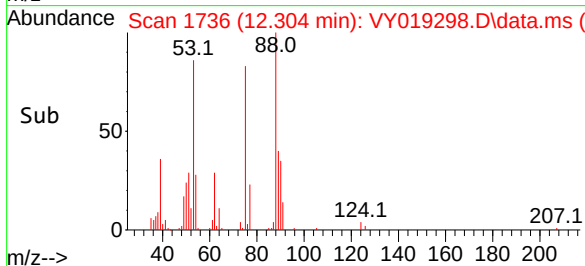
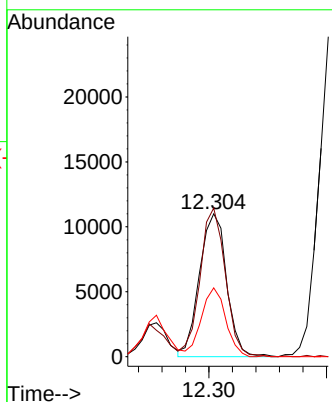
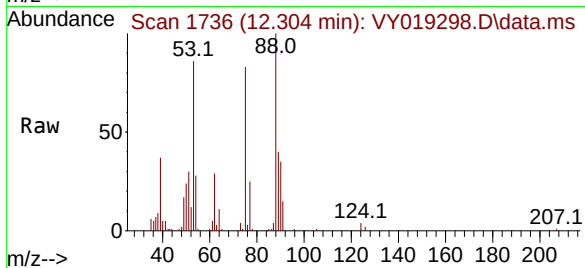




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.298 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

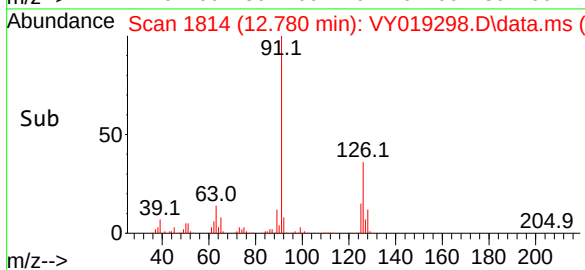
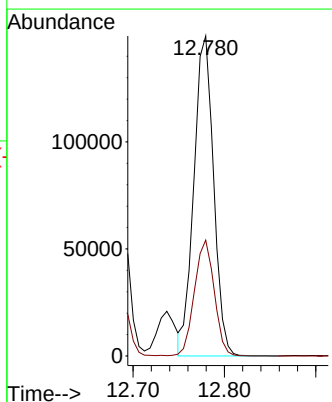
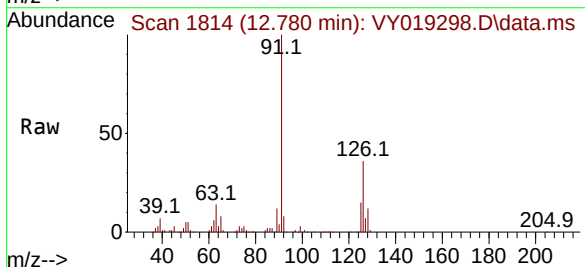
Instrument :  
MSVOA\_Y  
ClientSampleId :

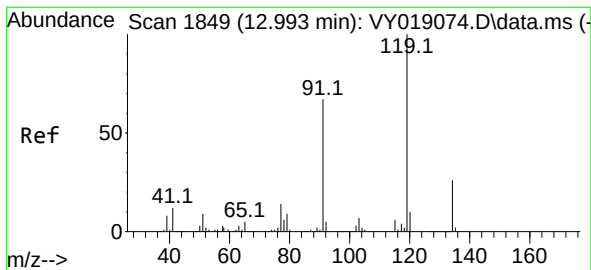
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 97.2  | 66.8  | 100.2 |
| 89      | 43.1  | 35.8  | 53.6  |



#82  
4-Chlorotoluene  
Concen: 53.483 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY019298.D  
Acq: 27 Aug 2024 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.3  | 17.6  | 52.9  |





#83

tert-Butylbenzene

Concen: 54.036 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

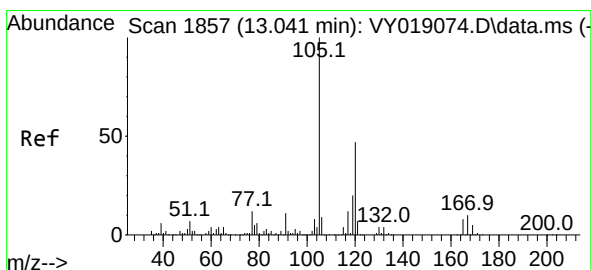
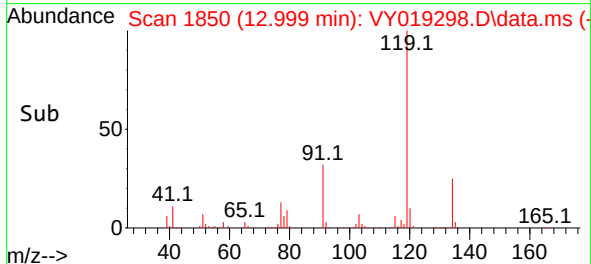
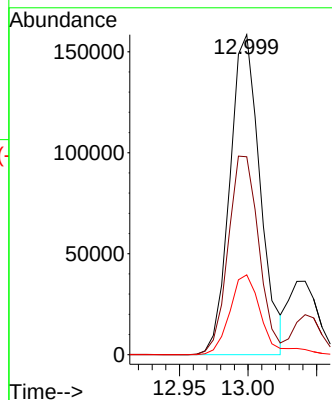
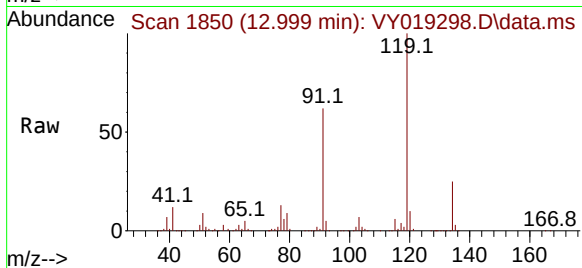
Tgt Ion:119 Resp: 244599

Ion Ratio Lower Upper

119 100

91 62.8 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.821 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019298.D

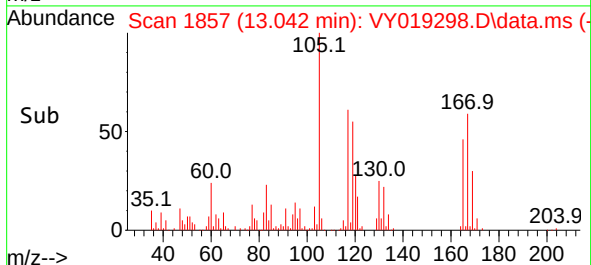
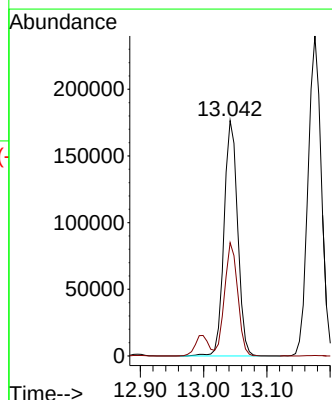
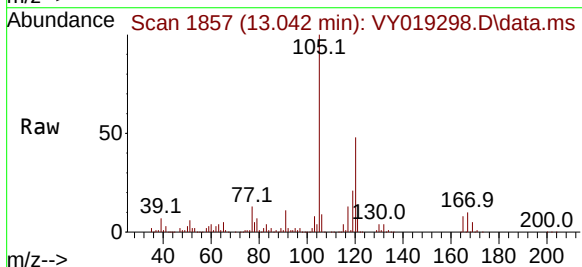
Acq: 27 Aug 2024 20:08

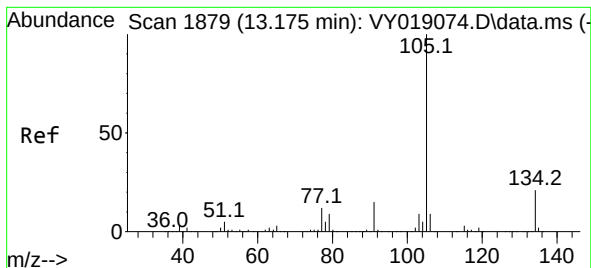
Tgt Ion:105 Resp: 262930

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.985 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

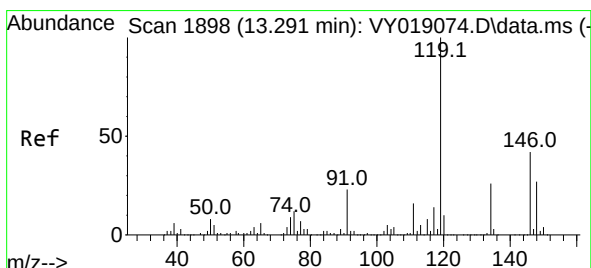
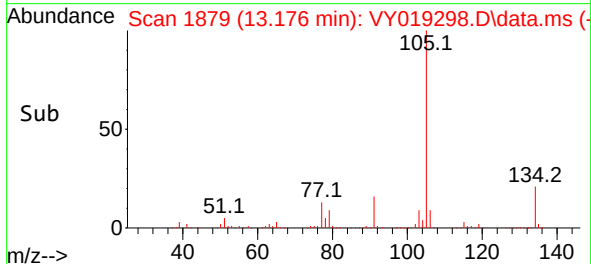
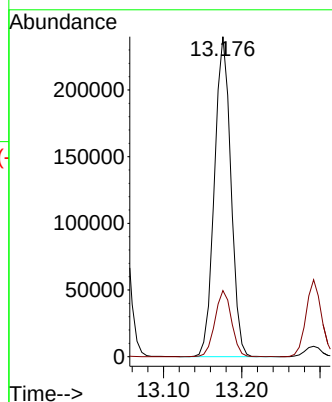
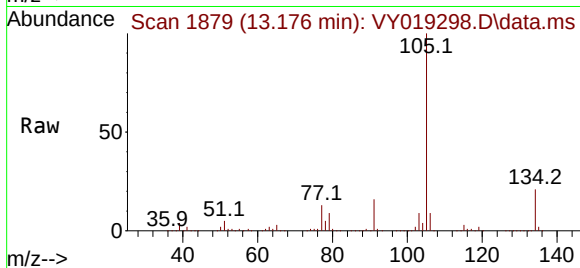
ClientSampleId :

Tgt Ion:105 Resp: 349510

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.406 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

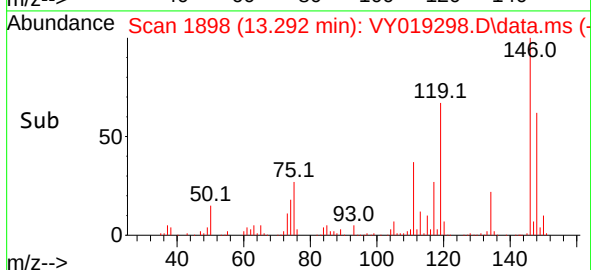
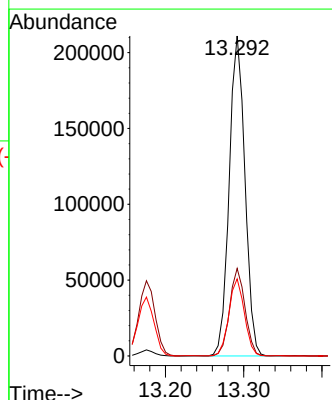
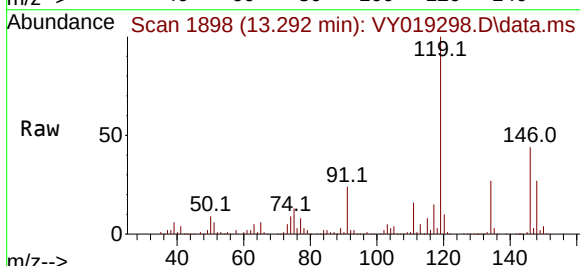
Tgt Ion:119 Resp: 294787

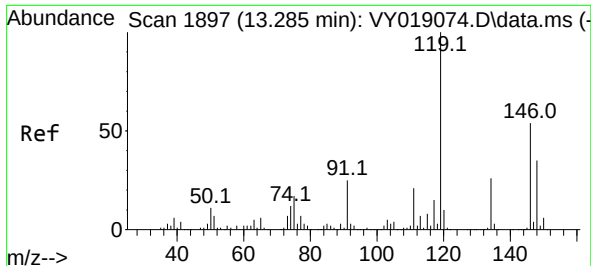
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.428 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

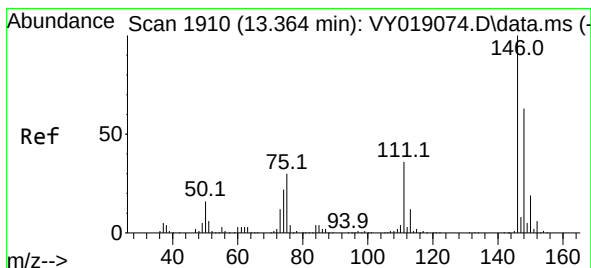
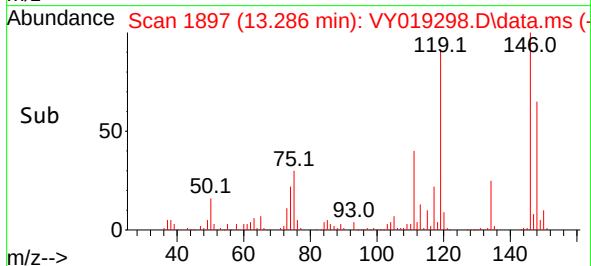
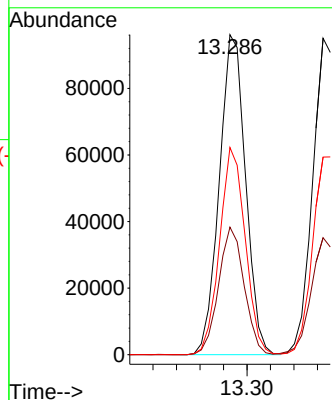
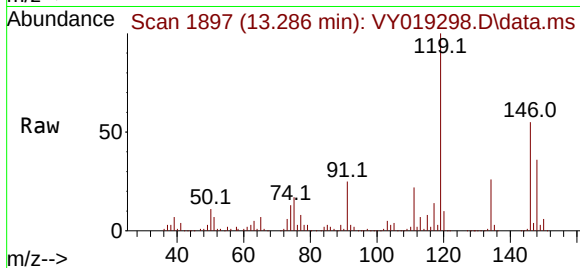
Tgt Ion:146 Resp: 149405

Ion Ratio Lower Upper

146 100

111 38.8 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.256 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

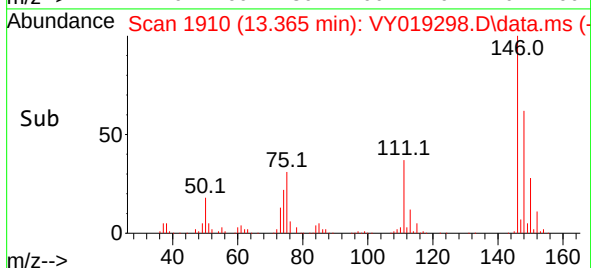
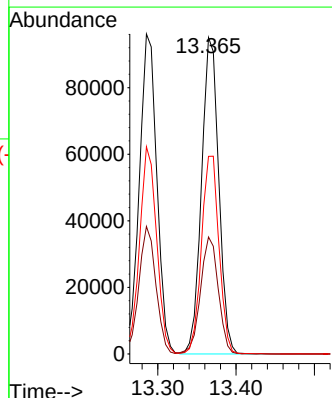
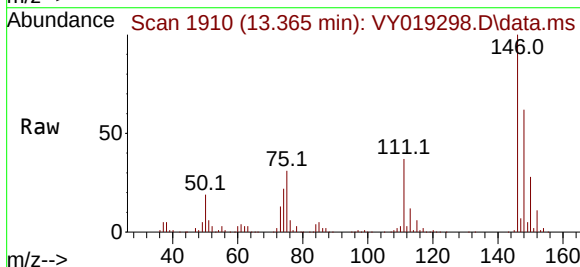
Tgt Ion:146 Resp: 145195

Ion Ratio Lower Upper

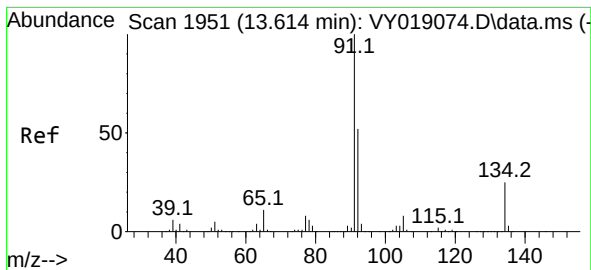
146 100

111 38.2 18.4 55.4

148 63.5 32.4 97.2







#89

n-Butylbenzene

Concen: 51.249 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019298.D

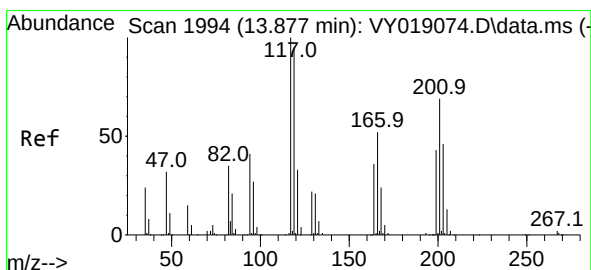
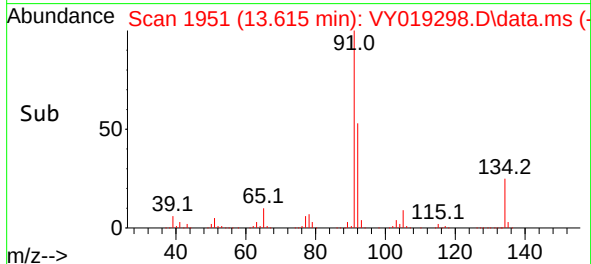
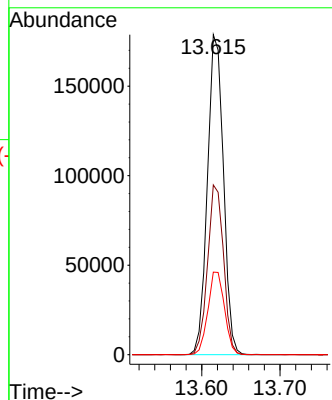
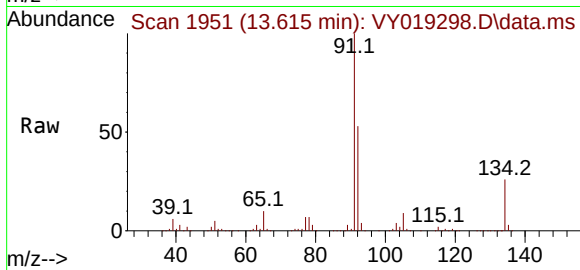
Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 253165 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.9  | 26.6  | 79.7   |
| 134      | 26.8  | 12.9  | 38.7   |



#90

Hexachloroethane

Concen: 53.684 ug/l

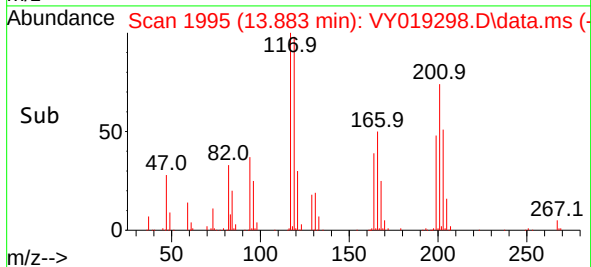
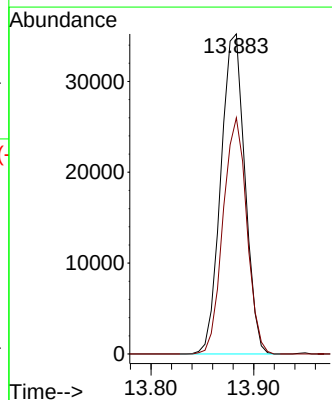
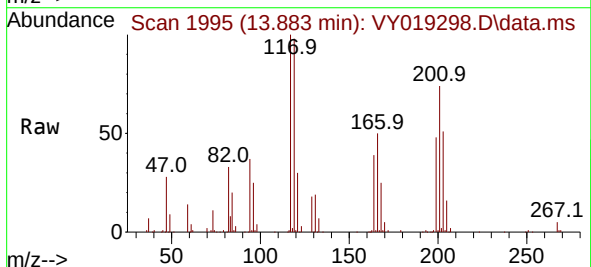
RT: 13.883 min Scan# 1995

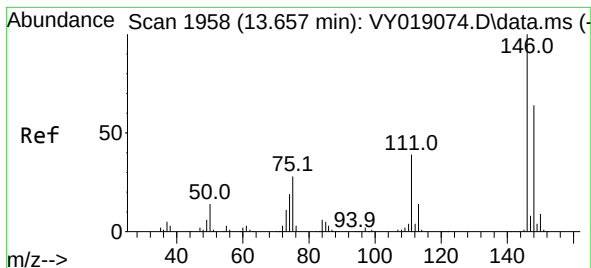
Delta R.T. 0.006 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 57332 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 72.7  | 37.4  | 112.2 |

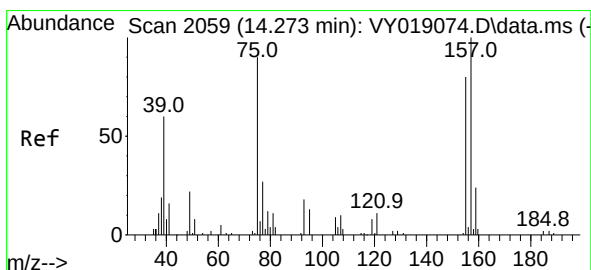
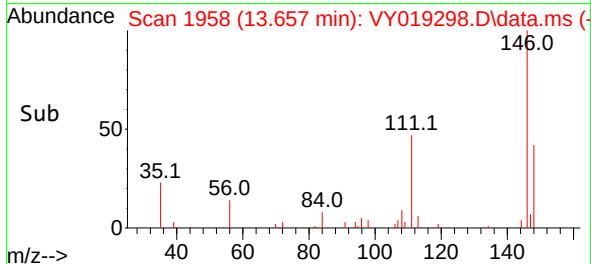
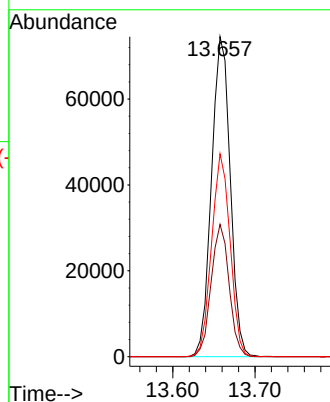
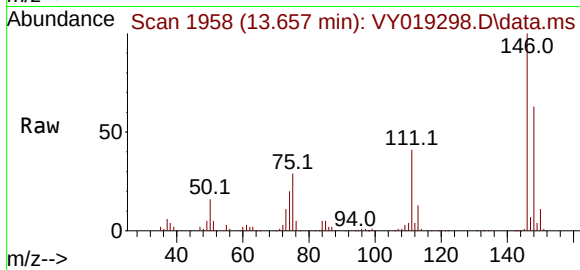




#91  
 1,2-Dichlorobenzene  
 Concen: 47.081 ug/l  
 RT: 13.657 min Scan# 1958  
 Delta R.T. 0.000 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

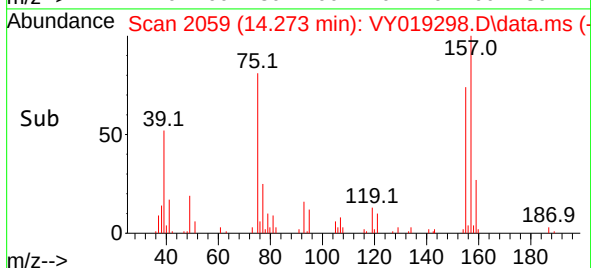
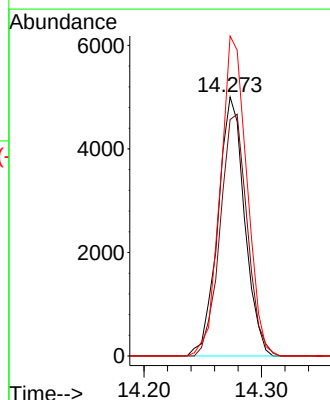
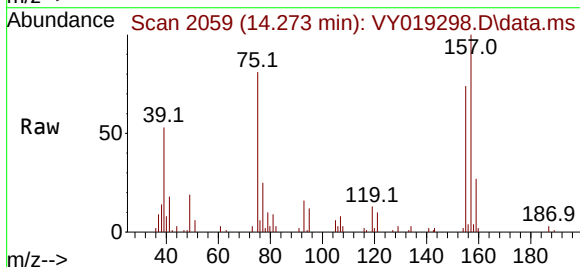
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

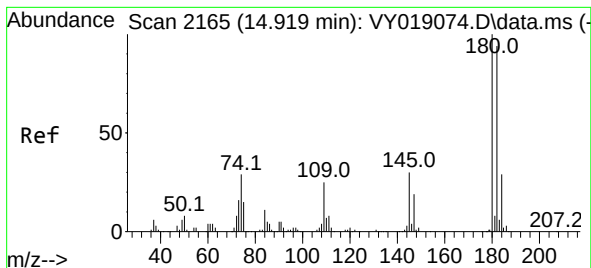
Tgt Ion:146 Resp: 118002  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 19.9 59.7  
 148 62.7 31.8 95.4



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.101 ug/l  
 RT: 14.273 min Scan# 2059  
 Delta R.T. 0.000 min  
 Lab File: VY019298.D  
 Acq: 27 Aug 2024 20:08

Tgt Ion: 75 Resp: 7895  
 Ion Ratio Lower Upper  
 75 100  
 155 94.6 48.6 145.8  
 157 122.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.266 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

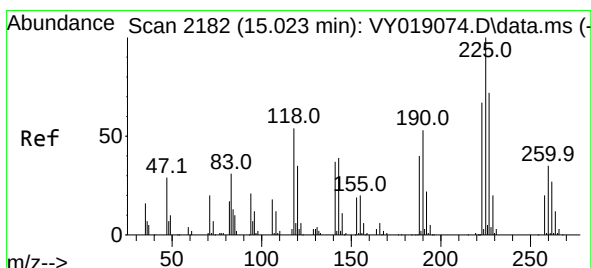
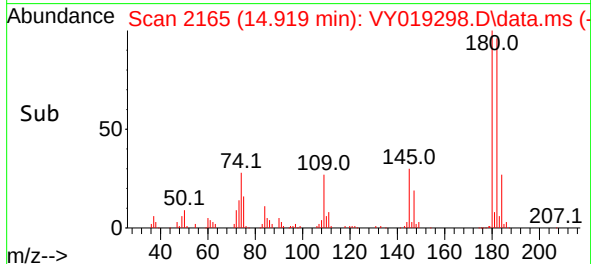
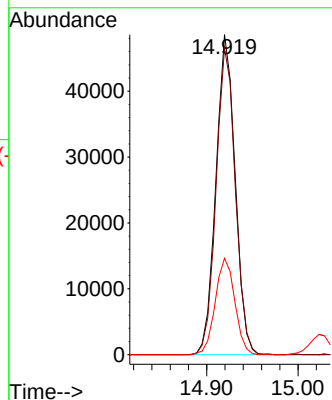
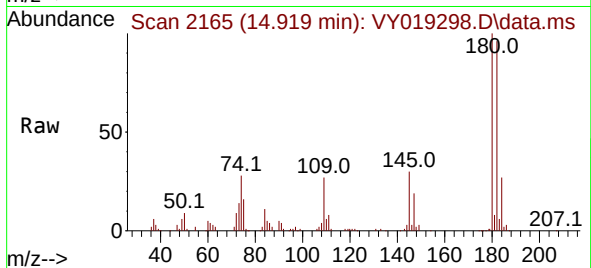
Tgt Ion:180 Resp: 71047

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 57.748 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

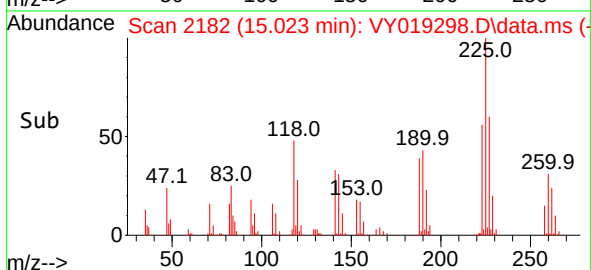
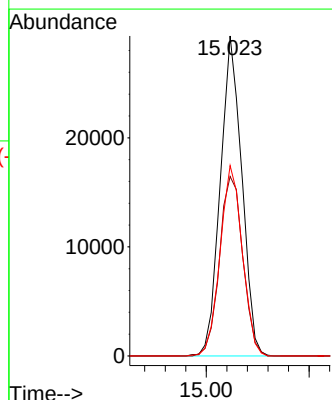
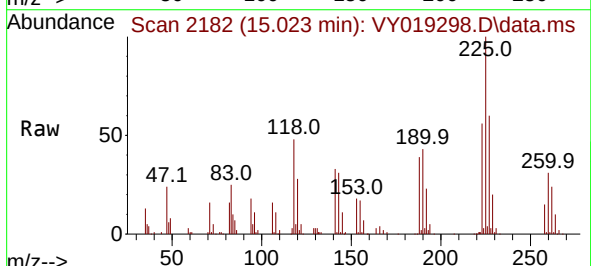
Tgt Ion:225 Resp: 42515

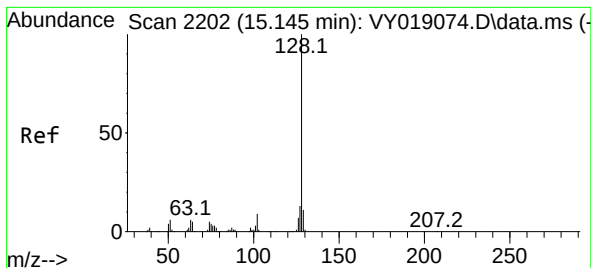
Ion Ratio Lower Upper

225 100

223 60.9 30.4 91.2

227 61.5 31.9 95.9





#95

Naphthalene

Concen: 55.388 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Instrument :

MSVOA\_Y

ClientSampleId :

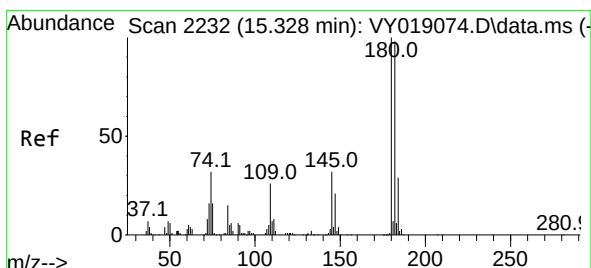
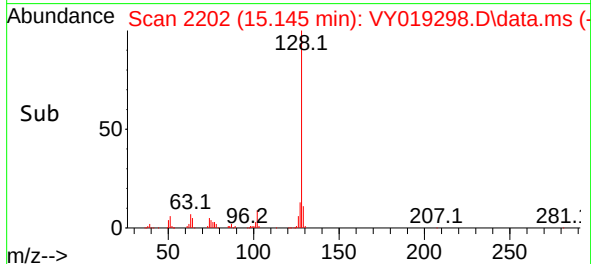
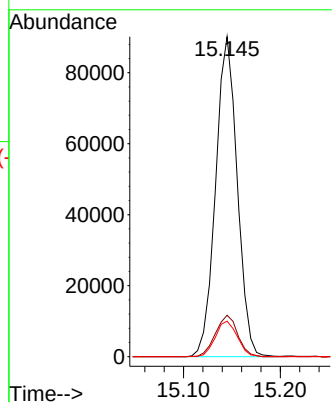
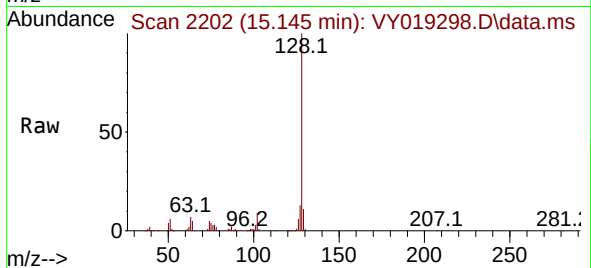
Tgt Ion:128 Resp: 139718

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.465 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019298.D

Acq: 27 Aug 2024 20:08

Tgt Ion:180 Resp: 64928

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 32.1 15.4 46.1

