

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111521\  
 Data File : VY006732.D  
 Acq On : 15 Nov 2021 13:22  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Nov 16 03:30:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111521S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 16 03:29:29 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 134331   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.704  | 114  | 209572   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 197284   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 96357    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.155  | 65    | 93445    | 53.077   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 106.160% |      |
| 35) Dibromofluoromethane    | 7.728  | 113   | 66644    | 51.771   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 103.540% |      |
| 50) Toluene-d8              | 10.185 | 98    | 277464   | 52.087   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.180% |      |
| 62) 4-Bromofluorobenzene    | 12.489 | 95    | 94218    | 52.465   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 104.940% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 63985  | 49.599  | ug/l | 94  |
| 3) Chloromethane             | 2.119 | 50  | 97667  | 50.325  | ug/l | 99  |
| 4) Vinyl Chloride            | 2.260 | 62  | 98843  | 50.165  | ug/l | 99  |
| 5) Bromomethane              | 2.656 | 94  | 52853  | 50.341  | ug/l | 99  |
| 6) Chloroethane              | 2.802 | 64  | 61714  | 51.197  | ug/l | 97  |
| 7) Trichlorofluoromethane    | 3.144 | 101 | 122034 | 49.420  | ug/l | 96  |
| 8) Diethyl Ether             | 3.546 | 74  | 43362  | 52.727  | ug/l | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 3.918 | 101 | 64813  | 49.421  | ug/l | 100 |
| 10) Methyl Iodide            | 4.107 | 142 | 84484  | 51.536  | ug/l | 99  |
| 11) Tert butyl alcohol       | 4.972 | 59  | 58392  | 220.540 | ug/l | 95  |
| 12) 1,1-Dichloroethene       | 3.887 | 96  | 65229  | 50.150  | ug/l | 98  |
| 13) Acrolein                 | 3.741 | 56  | 10528  | 284.244 | ug/l | 97  |
| 14) Allyl chloride           | 4.497 | 41  | 147827 | 50.458  | ug/l | 97  |
| 15) Acrylonitrile            | 5.180 | 53  | 134533 | 283.619 | ug/l | 99  |
| 16) Acetone                  | 3.960 | 43  | 157027 | 293.558 | ug/l | 99  |
| 17) Carbon Disulfide         | 4.210 | 76  | 230407 | 50.185  | ug/l | 99  |
| 18) Methyl Acetate           | 4.491 | 43  | 96658  | 55.821  | ug/l | 98  |
| 19) Methyl tert-butyl Ether  | 5.241 | 73  | 220983 | 53.900  | ug/l | 99  |
| 20) Methylene Chloride       | 4.729 | 84  | 80705  | 50.613  | ug/l | 96  |
| 21) trans-1,2-Dichloroethene | 5.241 | 96  | 75028  | 50.493  | ug/l | 97  |
| 22) Diisopropyl ether        | 6.131 | 45  | 298374 | 51.617  | ug/l | 96  |
| 23) Vinyl Acetate            | 6.076 | 43  | 953599 | 273.192 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.033 | 63  | 146857 | 49.774  | ug/l | 99  |
| 25) 2-Butanone               | 6.996 | 43  | 215461 | 275.774 | ug/l | 97  |
| 26) 2,2-Dichloropropane      | 6.996 | 77  | 133071 | 49.912  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.003 | 96  | 84254  | 50.206  | ug/l | 95  |
| 28) Bromochloromethane       | 7.350 | 49  | 69214  | 49.870  | ug/l | 91  |
| 29) Tetrahydrofuran          | 7.362 | 42  | 130812 | 294.684 | ug/l | 95  |
| 30) Chloroform               | 7.521 | 83  | 142361 | 50.190  | ug/l | 98  |
| 31) Cyclohexane              | 7.801 | 56  | 150053 | 48.492  | ug/l | 96  |
| 32) 1,1,1-Trichloroethane    | 7.716 | 97  | 130737 | 50.014  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 7.929 | 75  | 115273 | 50.604  | ug/l | 99  |
| 37) Ethyl Acetate            | 7.088 | 43  | 86430  | 56.749  | ug/l | 100 |
| 38) Carbon Tetrachloride     | 7.911 | 117 | 118316 | 50.780  | ug/l | 97  |
| 39) Methylcyclohexane        | 9.197 | 83  | 140787 | 50.676  | ug/l | 98  |
| 40) Benzene                  | 8.173 | 78  | 323366 | 50.426  | ug/l | 99  |

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 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Nov 16 03:30:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111521S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 16 03:29:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 123420   | 177.003  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.252  | 62   | 112734   | 52.767   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 162793   | 56.982   | ug/l   | 98       |
| 44) Trichloroethene           | 8.947  | 130  | 78517    | 50.330   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.228  | 63   | 83892    | 50.705   | ug/l   | 99       |
| 46) Dibromomethane            | 9.319  | 93   | 45832    | 53.185   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.508  | 83   | 113199   | 51.727   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.301  | 41   | 76693    | 56.659   | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 10925    | 1104.874 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 445468   | 296.016  | ug/l   | 99       |
| 52) Toluene                   | 10.252 | 92   | 197426   | 50.699   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 127743   | 53.701   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 137168   | 51.415   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.654 | 97   | 58966    | 51.256   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 97006    | 54.248   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.801 | 76   | 103100   | 49.113   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 268022   | 273.762  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.837 | 43   | 251732   | 230.062  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 74096    | 52.544   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.099 | 107  | 56672    | 53.171   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.728 | 164  | 75802    | 52.580   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 202347   | 50.414   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.599 | 131  | 77575    | 51.682   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.599 | 91   | 383352   | 50.388   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.709 | 106  | 294757   | 101.659  | ug/l   | 96       |
| 69) o-Xylene                  | 12.038 | 106  | 138992   | 50.603   | ug/l   | 100      |
| 70) Styrene                   | 12.050 | 104  | 239618   | 51.654   | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 48615    | 53.510   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.337 | 105  | 375003   | 51.105   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 149047   | 55.679   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 78281    | 57.659   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 110633   | 167.711  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 86080    | 51.510   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.678 | 91   | 467809   | 52.296   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.764 | 91   | 256030   | 52.303   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 312606   | 51.979   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.386 | 75   | 31067    | 58.761   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 268321   | 52.436   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 269224   | 51.541   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 311330   | 51.850   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 406767   | 52.292   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 341080   | 51.797   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 168224   | 50.547   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.453 | 146  | 165092   | 50.268   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.703 | 91   | 332141   | 53.455   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 61108    | 51.493   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 148581   | 51.802   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 13909    | 57.956   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 95435    | 50.860   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 59942    | 48.958   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 195759   | 56.396   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 81752    | 52.284   | ug/l   | 99       |

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Sample : VSTDICCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Quant Time: Nov 16 03:30:50 2021  
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Quant Title : SW846 8260  
QLast Update : Tue Nov 16 03:29:29 2021  
Response via : Initial Calibration

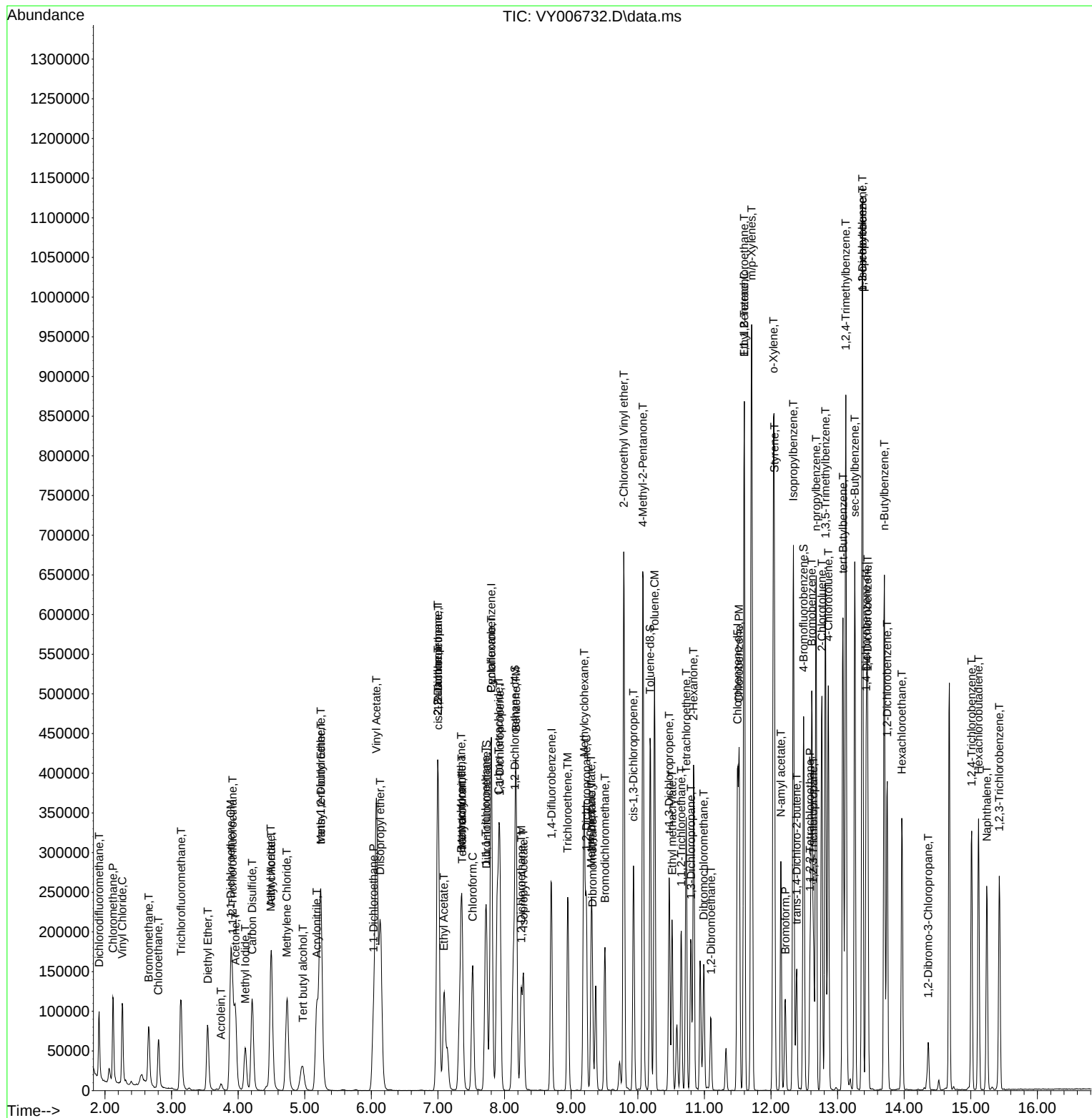
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

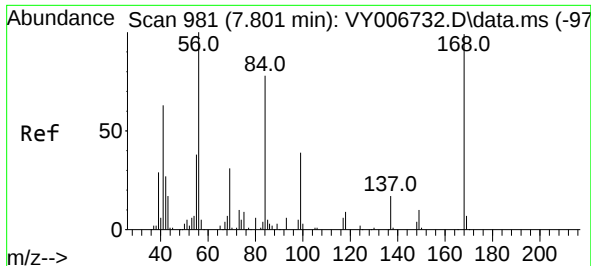
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 Data File : VY006732.D  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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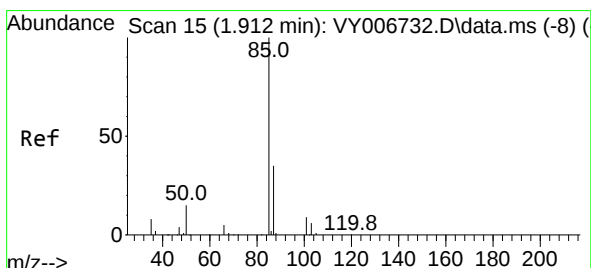
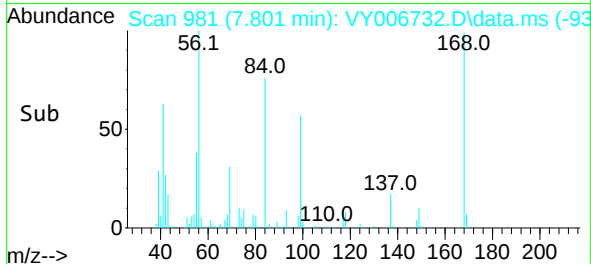
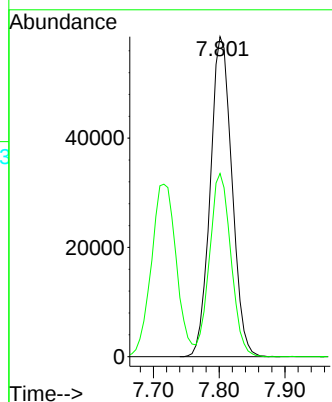
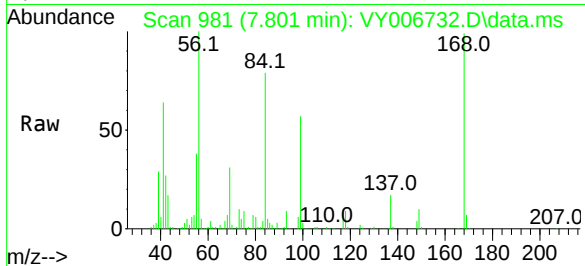




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

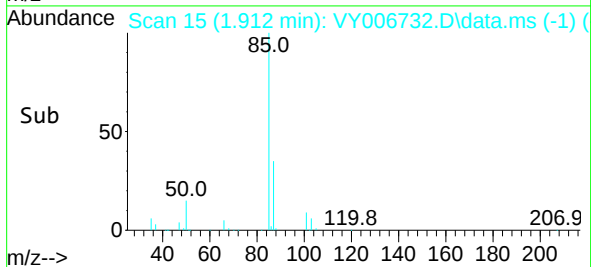
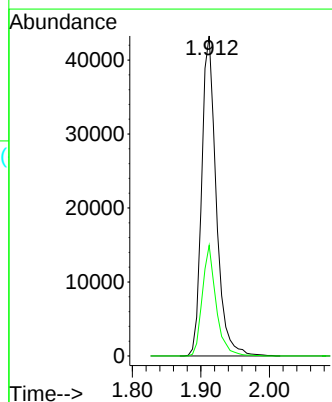
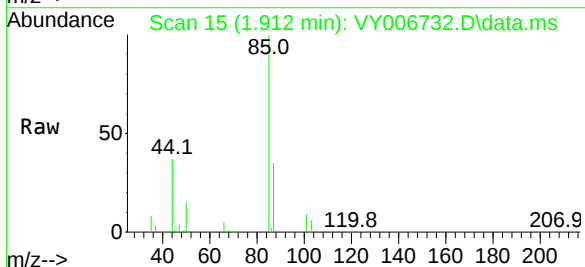
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

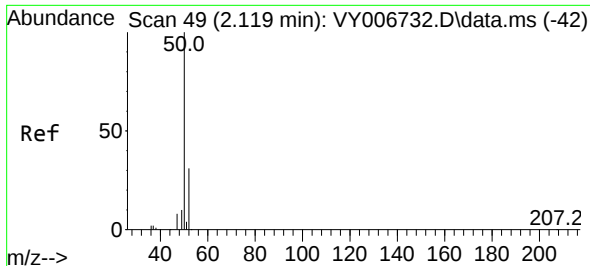
Tgt Ion:168 Resp: 134331  
Ion Ratio Lower Upper  
168 100  
99 57.2 44.8 67.2



#2  
Dichlorodifluoromethane  
Concen: 49.599 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 85 Resp: 63985  
Ion Ratio Lower Upper  
85 100  
87 34.6 15.8 47.3

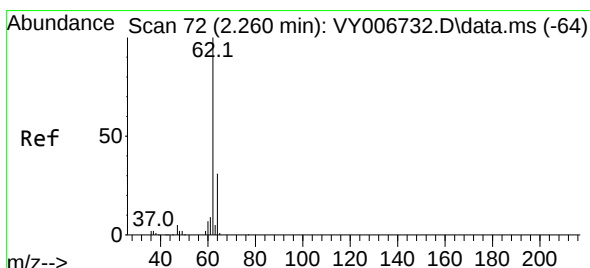
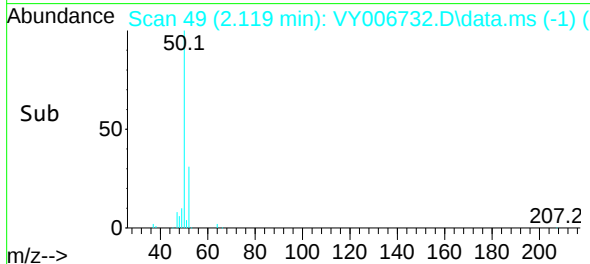
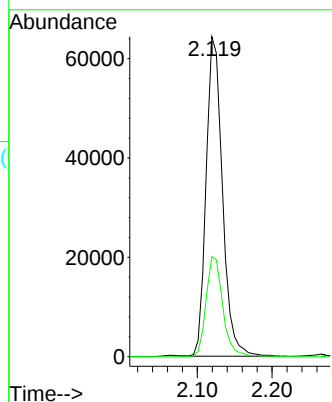
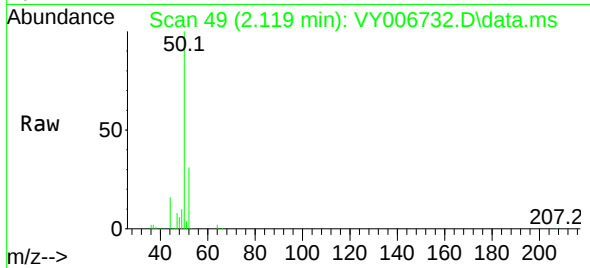




#3  
Chloromethane  
Concen: 50.325 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

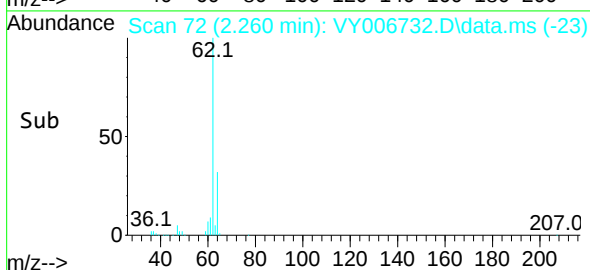
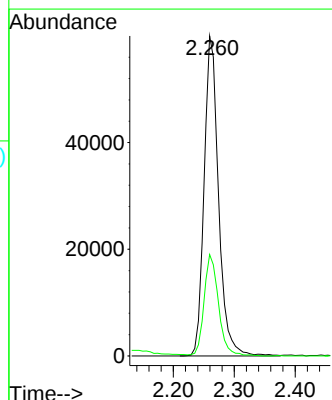
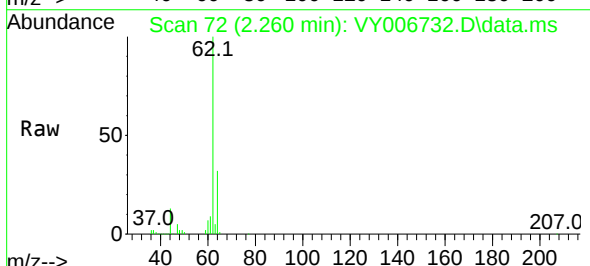
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

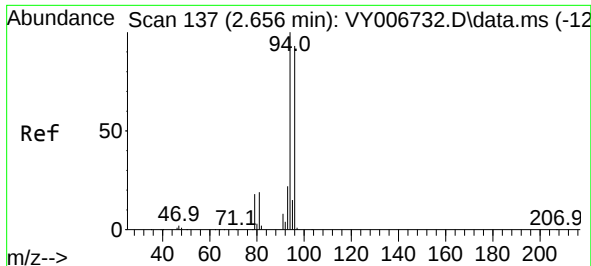
Tgt Ion: 50 Resp: 97667  
Ion Ratio Lower Upper  
50 100  
52 31.3 25.4 38.2



#4  
Vinyl Chloride  
Concen: 50.165 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 62 Resp: 98843  
Ion Ratio Lower Upper  
62 100  
64 31.6 24.7 37.1

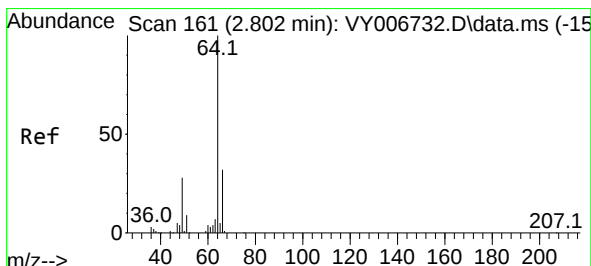
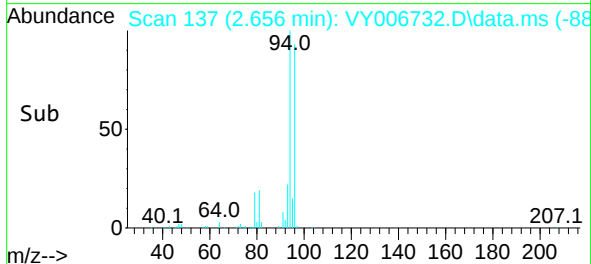
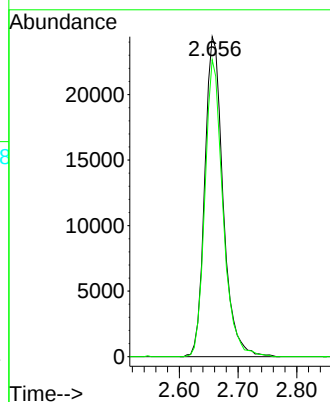
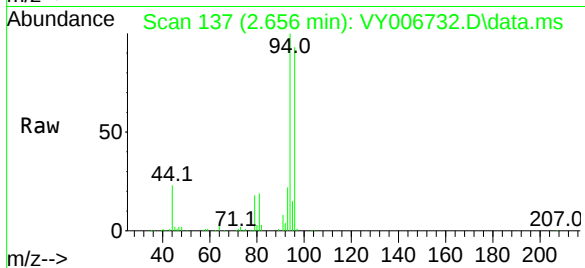




#5  
Bromomethane  
Concen: 50.341 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

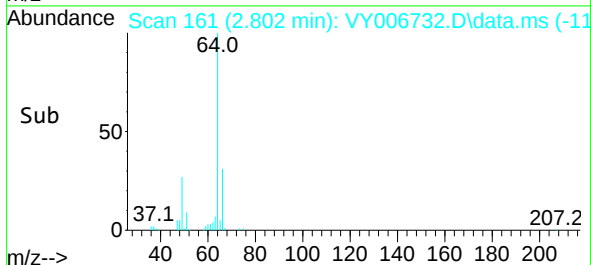
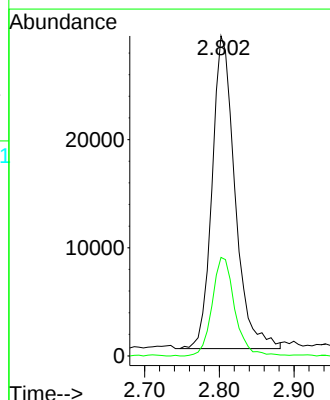
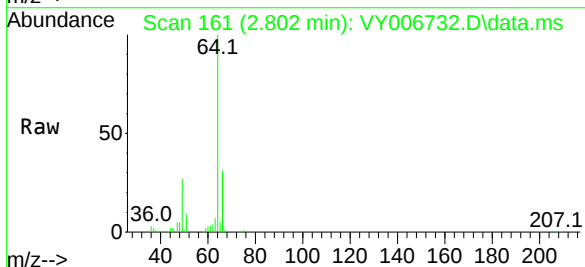
Instrument :  
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ClientSampleId :  
VSTDICCC050

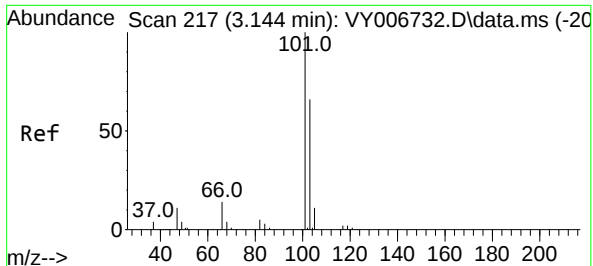
Tgt Ion: 94 Resp: 52853  
Ion Ratio Lower Upper  
94 100  
96 92.8 73.5 110.3



#6  
Chloroethane  
Concen: 51.197 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 64 Resp: 61714  
Ion Ratio Lower Upper  
64 100  
66 31.5 23.8 35.6

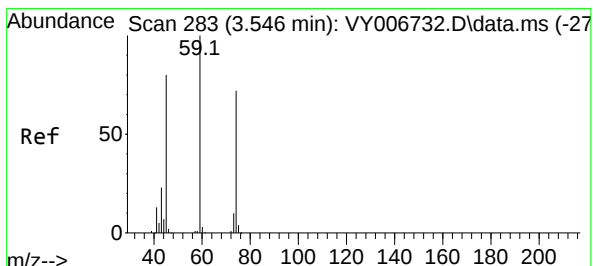
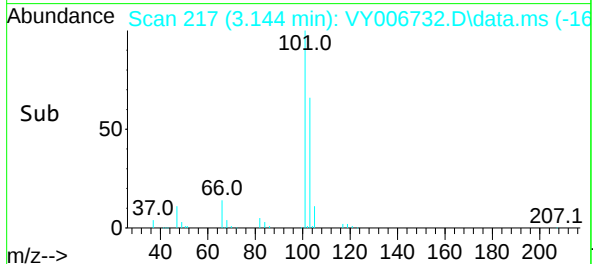
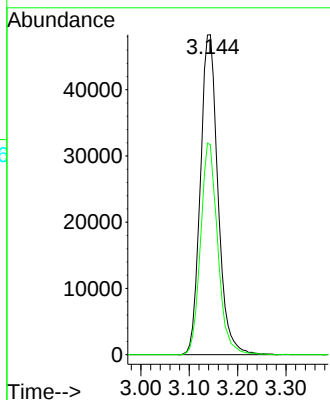
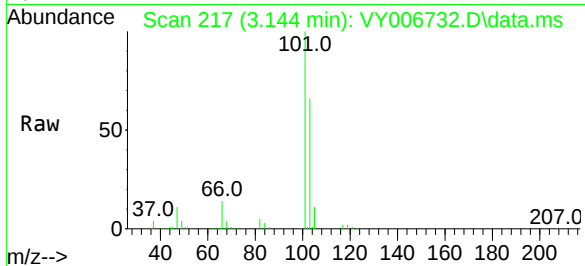




#7  
Trichlorofluoromethane  
Concen: 49.420 ug/l  
RT: 3.144 min Scan# 217  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

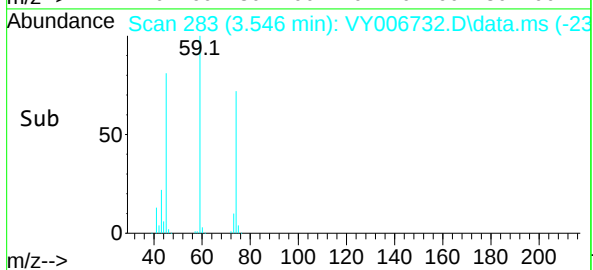
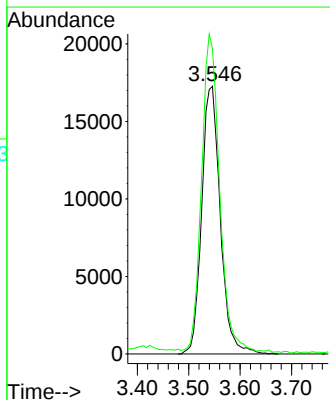
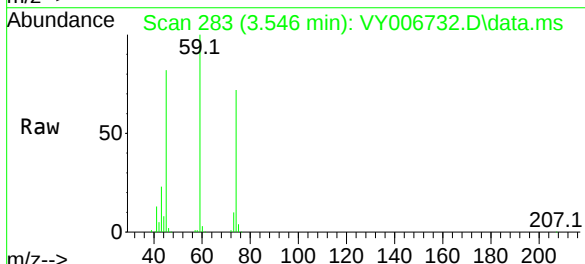
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

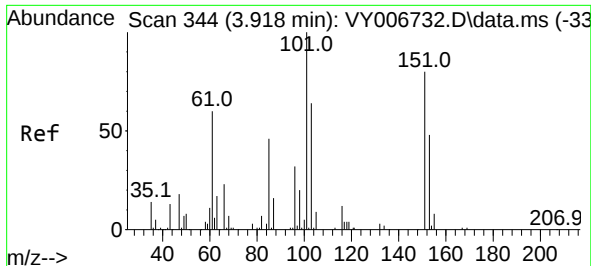
Tgt Ion:101 Resp: 122034  
Ion Ratio Lower Upper  
101 100  
103 65.6 50.2 75.2



#8  
Diethyl Ether  
Concen: 52.727 ug/l  
RT: 3.546 min Scan# 283  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 74 Resp: 43362  
Ion Ratio Lower Upper  
74 100  
45 113.9 52.8 158.3

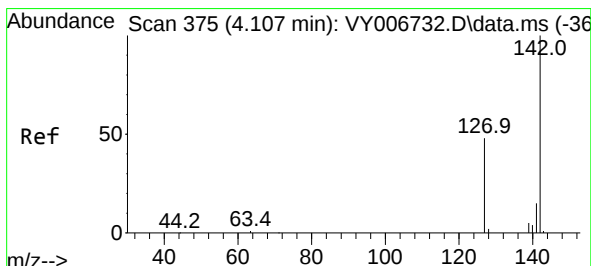
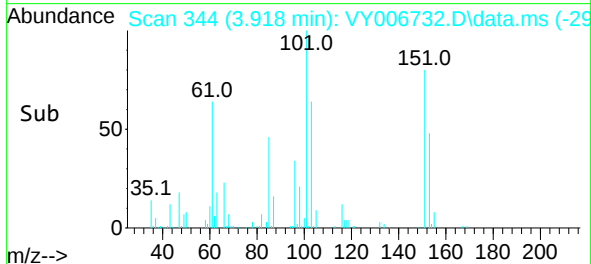
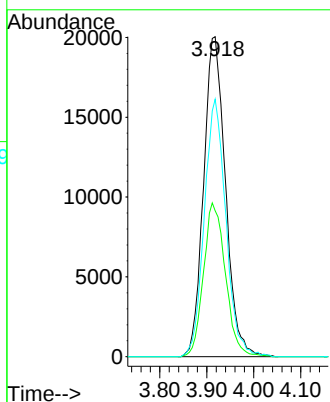
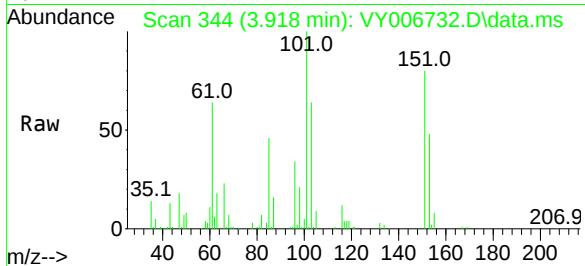




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.421 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

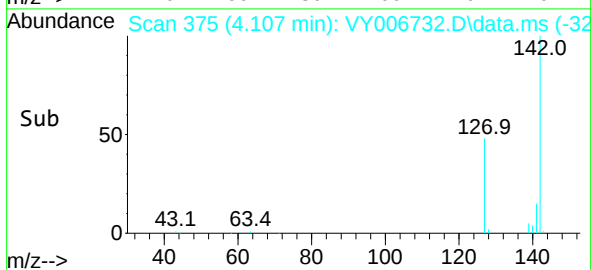
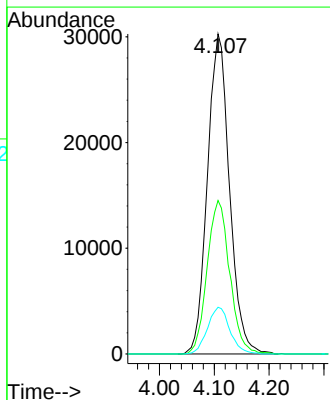
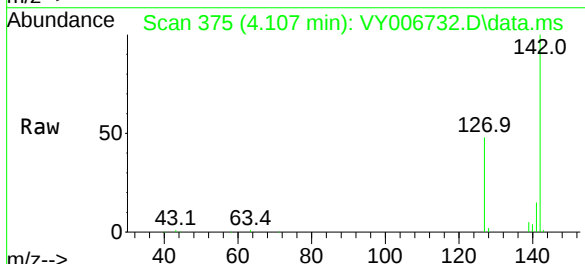
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

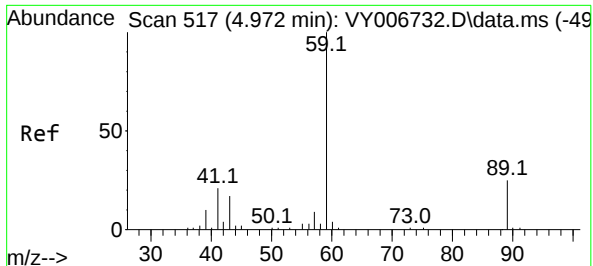
Tgt Ion:101 Resp: 64813  
Ion Ratio Lower Upper  
101 100  
85 48.1 38.6 57.8  
151 79.5 64.0 96.0



#10  
Methyl Iodide  
Concen: 51.536 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion:142 Resp: 84484  
Ion Ratio Lower Upper  
142 100  
127 49.2 40.1 60.1  
141 14.9 12.5 18.7

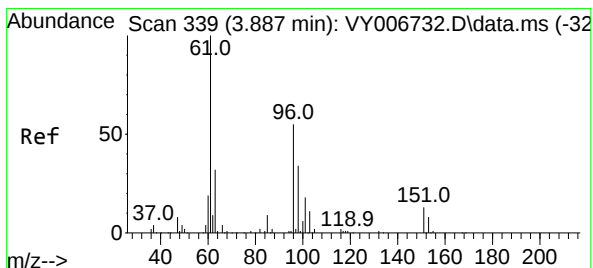
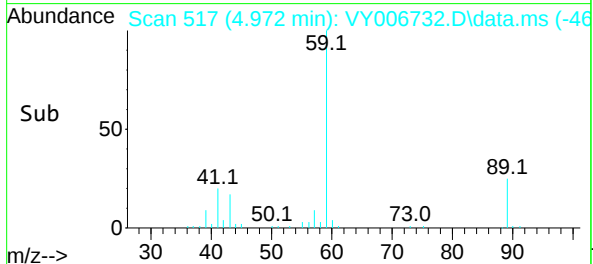
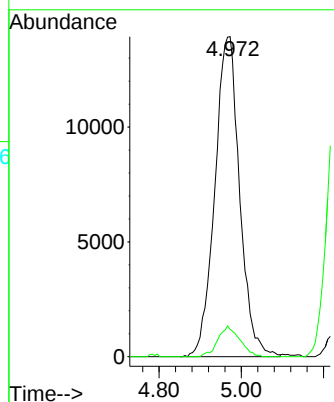
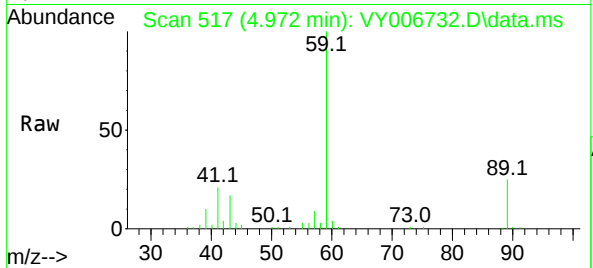




#11  
Tert butyl alcohol  
Concen: 220.540 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

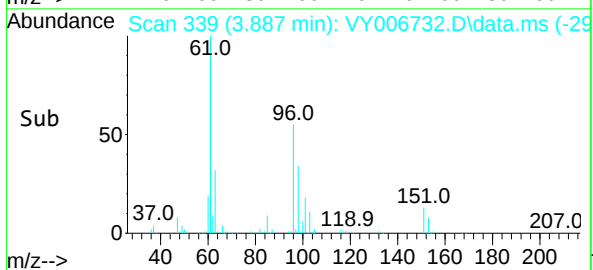
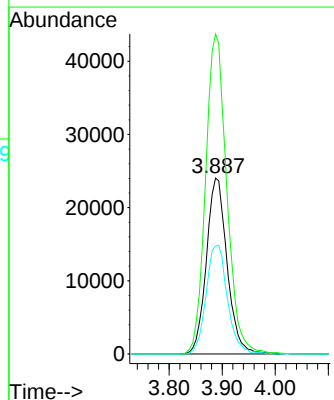
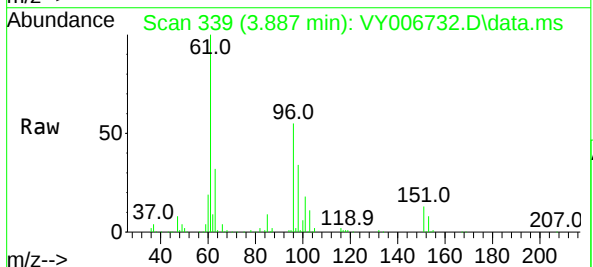
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

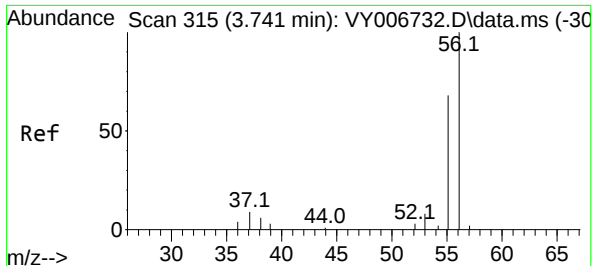
Tgt Ion: 59 Resp: 58392  
Ion Ratio Lower Upper  
59 100  
57 8.4 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 50.150 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 96 Resp: 65229  
Ion Ratio Lower Upper  
96 100  
61 181.9 143.0 214.6  
98 61.3 50.5 75.7





#13

Acrolein

Concen: 284.244 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

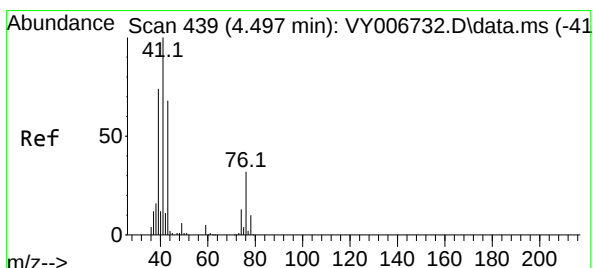
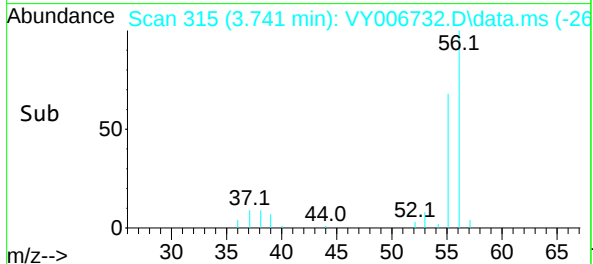
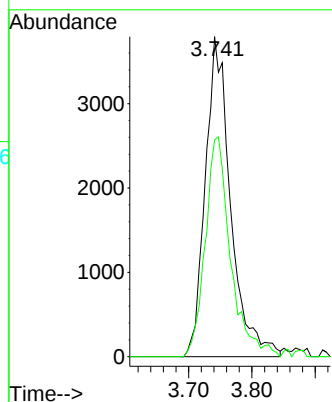
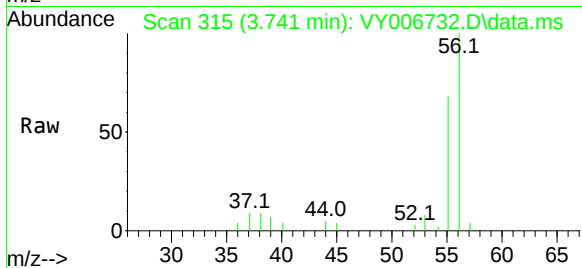
VSTDICCC050

Tgt Ion: 56 Resp: 10528

Ion Ratio Lower Upper

56 100

55 68.6 57.1 85.7



#14

Allyl chloride

Concen: 50.458 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

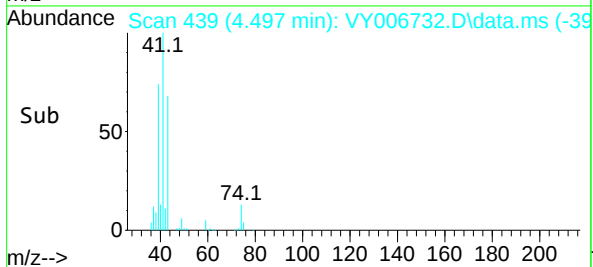
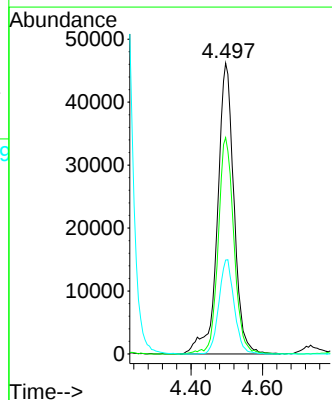
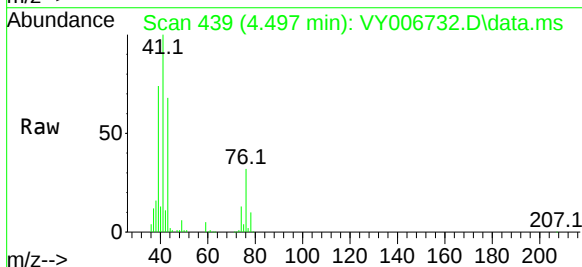
Tgt Ion: 41 Resp: 147827

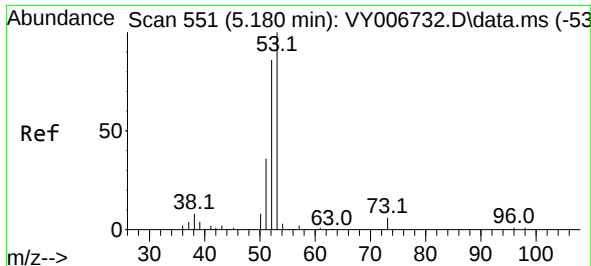
Ion Ratio Lower Upper

41 100

39 71.0 58.8 88.2

76 30.0 25.0 37.4

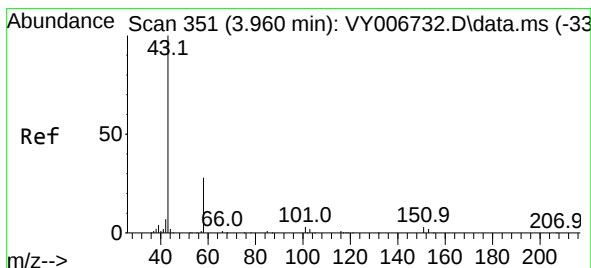
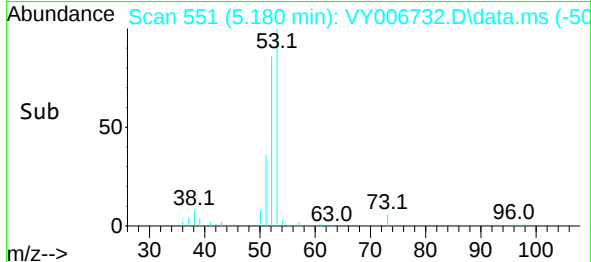
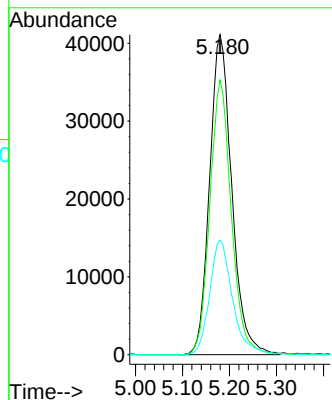
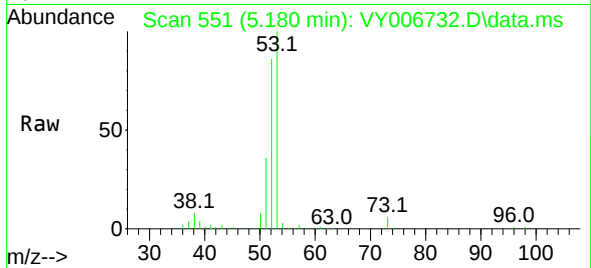




#15  
Acrylonitrile  
Concen: 283.619 ug/l  
RT: 5.180 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

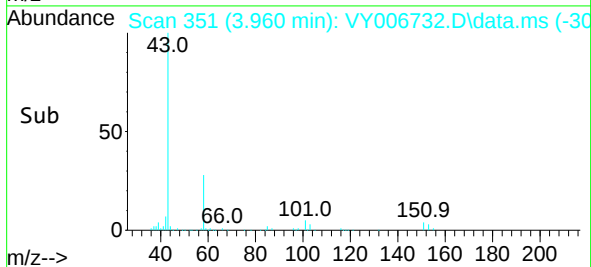
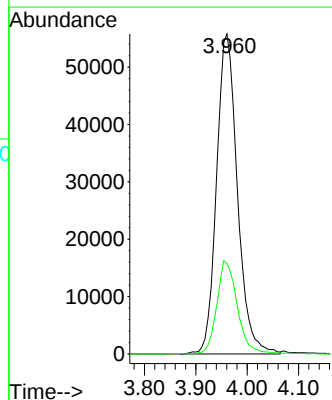
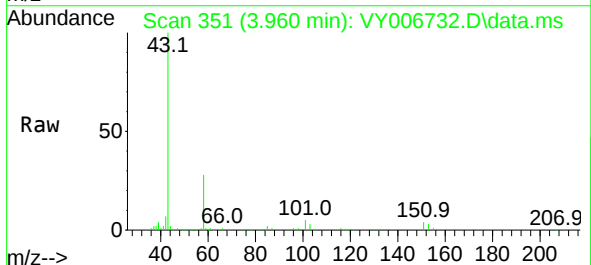
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

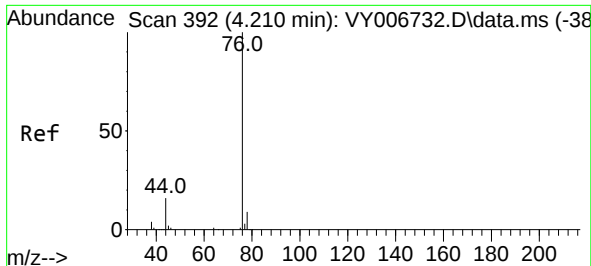
Tgt Ion: 53 Resp: 134533  
Ion Ratio Lower Upper  
53 100  
52 83.3 67.1 100.7  
51 37.0 30.0 45.0



#16  
Acetone  
Concen: 293.558 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 43 Resp: 157027  
Ion Ratio Lower Upper  
43 100  
58 28.1 22.9 34.3

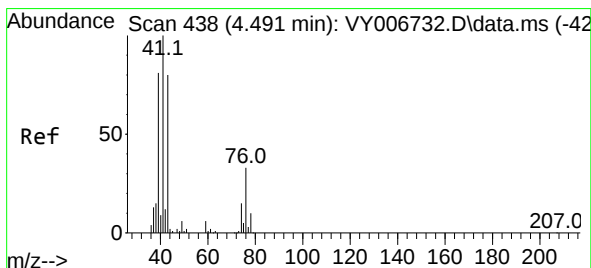
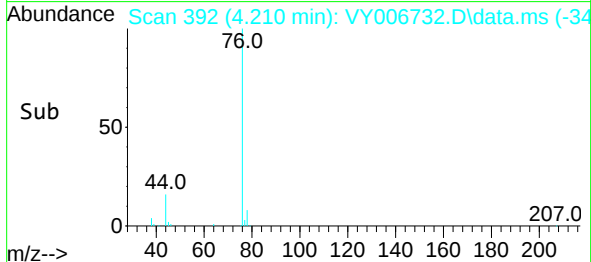
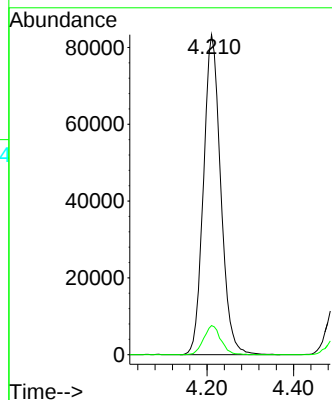
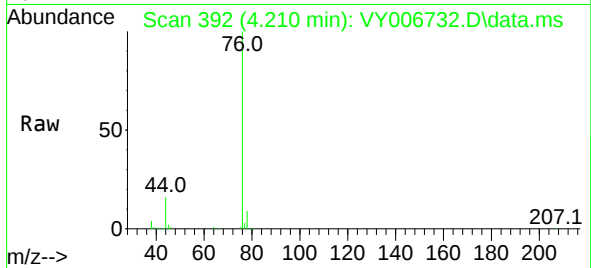




#17  
Carbon Disulfide  
Concen: 50.185 ug/l  
RT: 4.210 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

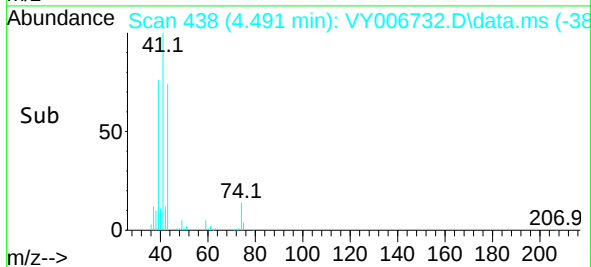
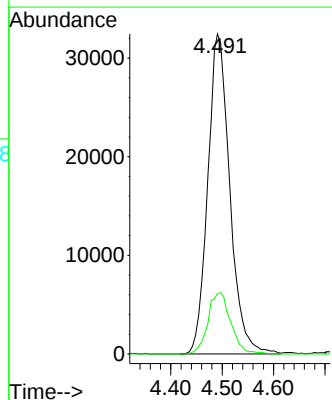
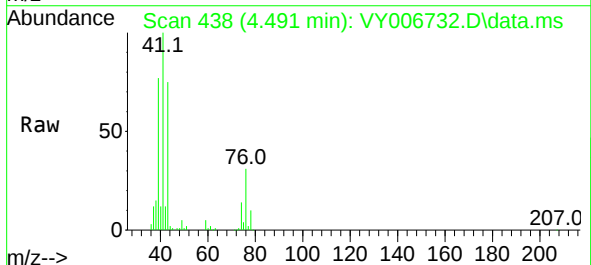
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

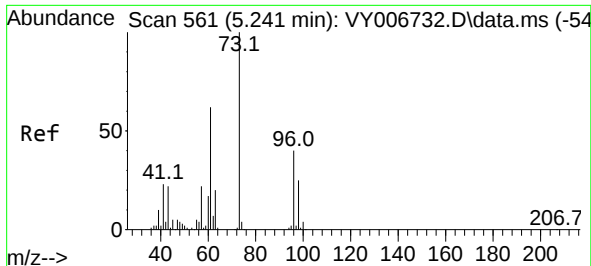
Tgt Ion: 76 Resp: 230407  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.1 10.7



#18  
Methyl Acetate  
Concen: 55.821 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 43 Resp: 96658  
Ion Ratio Lower Upper  
43 100  
74 19.8 16.6 25.0

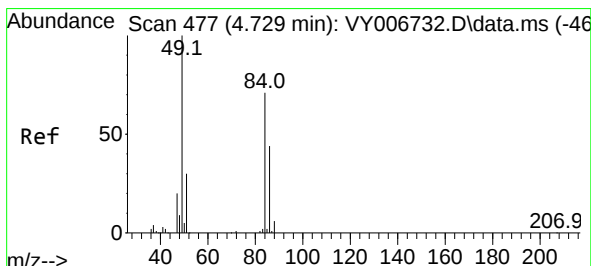
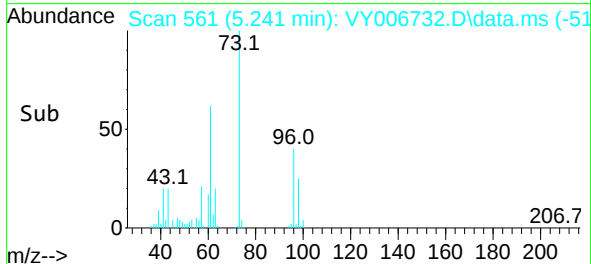
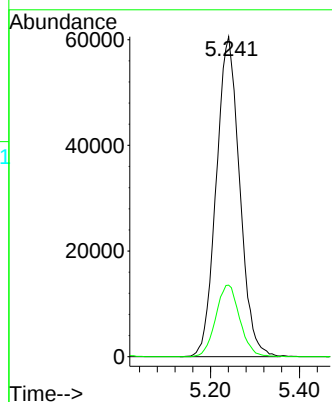
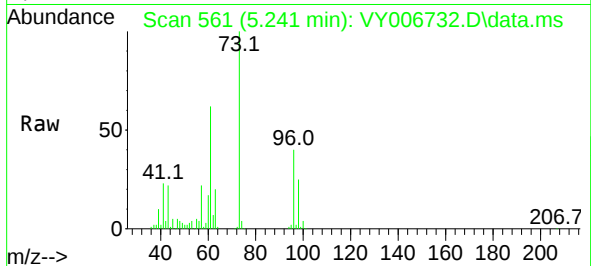




#19  
Methyl tert-butyl Ether  
Concen: 53.900 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

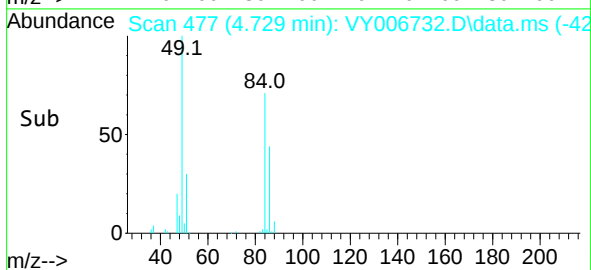
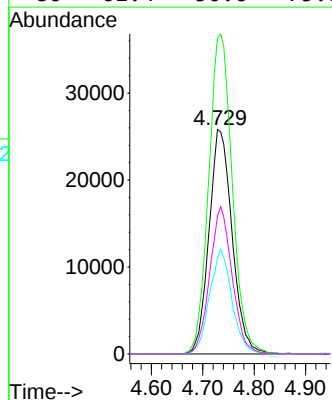
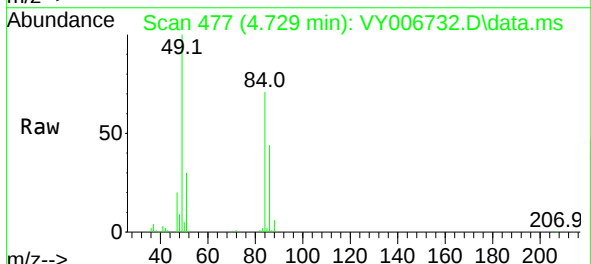
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

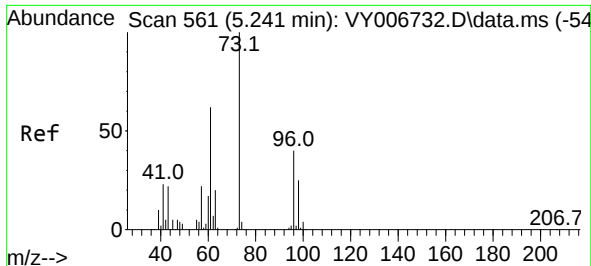
Tgt Ion: 73 Resp: 220983  
Ion Ratio Lower Upper  
73 100  
57 22.4 18.2 27.2



#20  
Methylene Chloride  
Concen: 50.613 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 84 Resp: 80705  
Ion Ratio Lower Upper  
84 100  
49 140.9 107.8 161.8  
51 42.8 32.8 49.2  
86 61.4 50.6 75.8

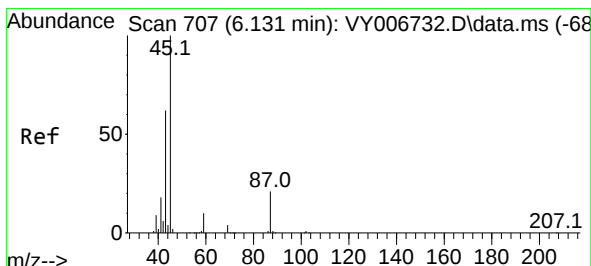
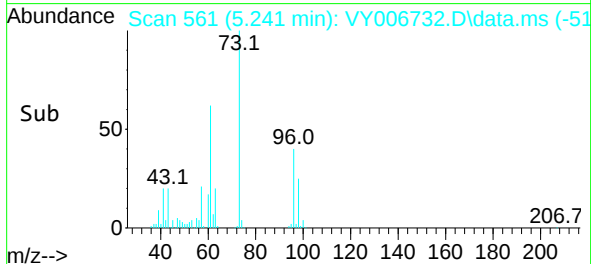
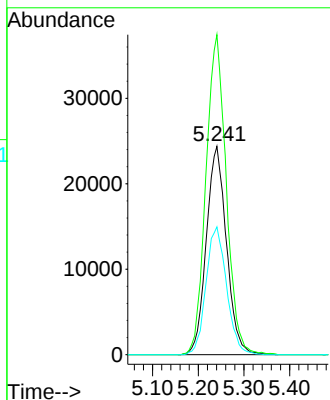
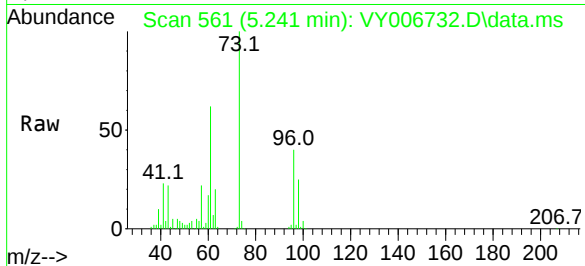




#21  
trans-1,2-Dichloroethene  
Concen: 50.493 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

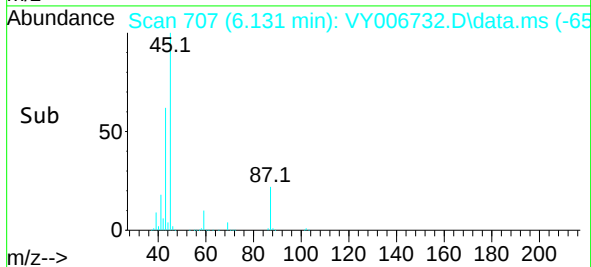
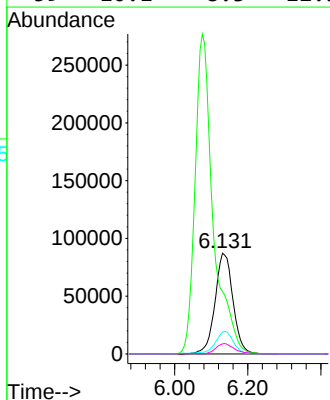
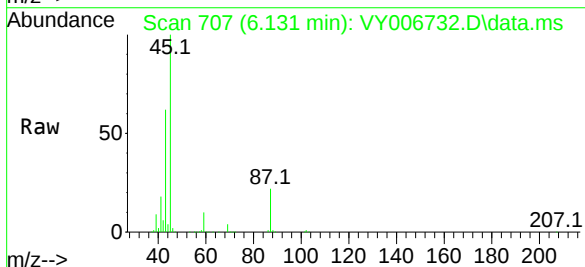
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

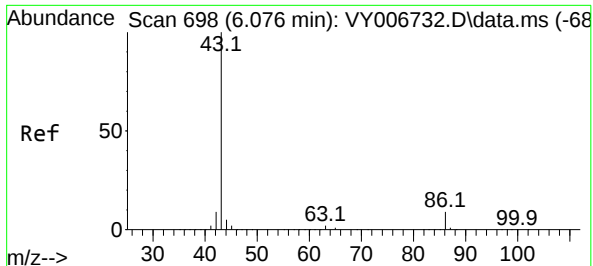
Tgt Ion: 96 Resp: 75028  
Ion Ratio Lower Upper  
96 100  
61 153.6 120.6 181.0  
98 61.3 51.3 76.9



#22  
Diisopropyl ether  
Concen: 51.617 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 45 Resp: 298374  
Ion Ratio Lower Upper  
45 100  
43 61.7 47.7 71.5  
87 21.8 20.1 30.1  
59 10.1 8.3 12.5

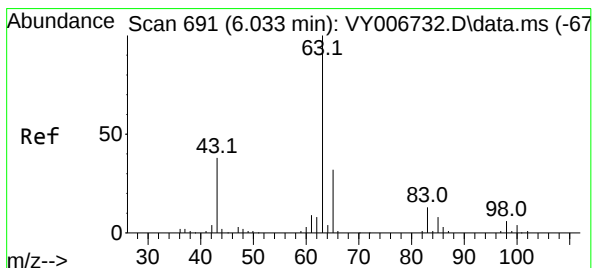
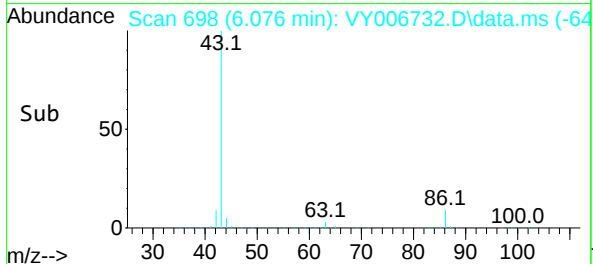
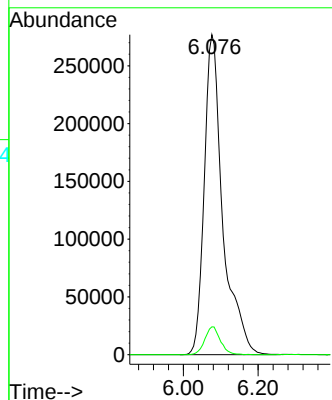
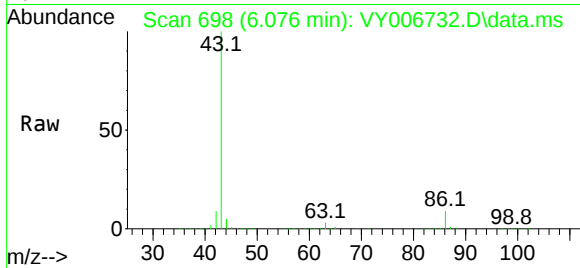




#23  
 Vinyl Acetate  
 Concen: 273.192 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

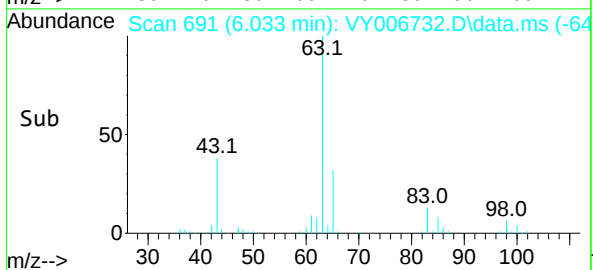
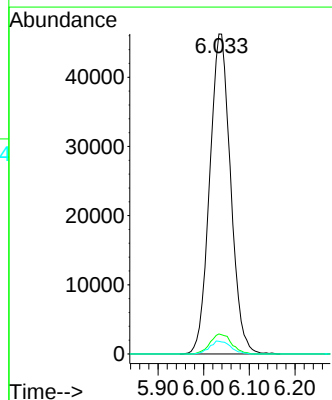
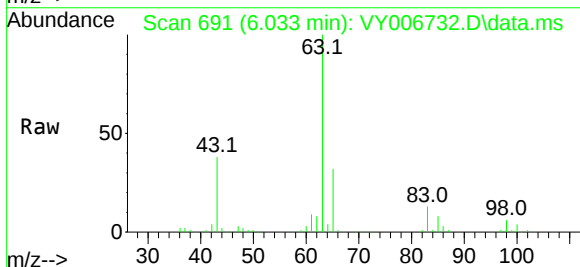
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

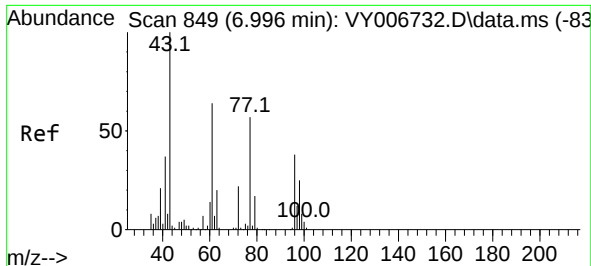
Tgt Ion: 43 Resp: 953599  
 Ion Ratio Lower Upper  
 43 100  
 86 8.7 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 49.774 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

Tgt Ion: 63 Resp: 146857  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.5 10.4  
 100 3.9 2.0 6.0

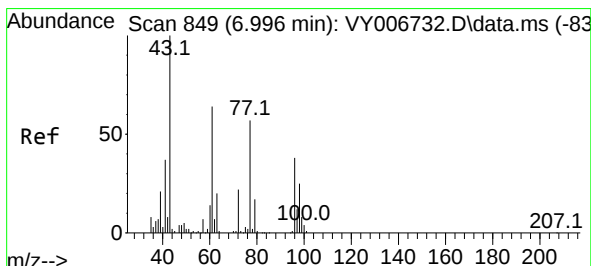
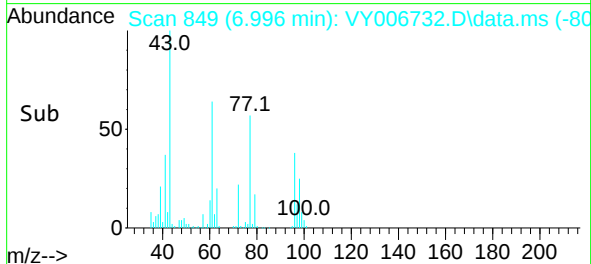
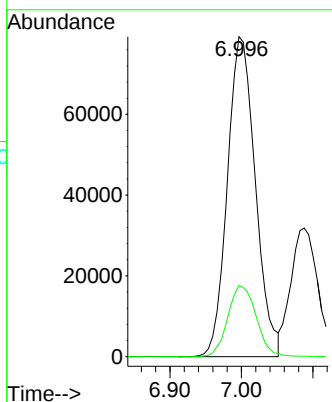
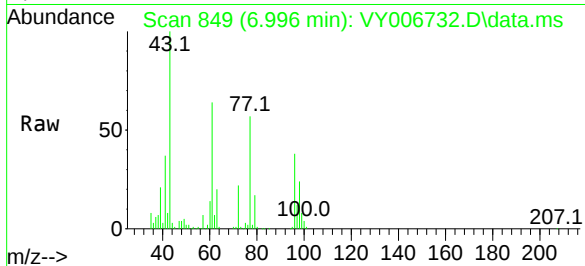




#25  
2-Butanone  
Concen: 275.774 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

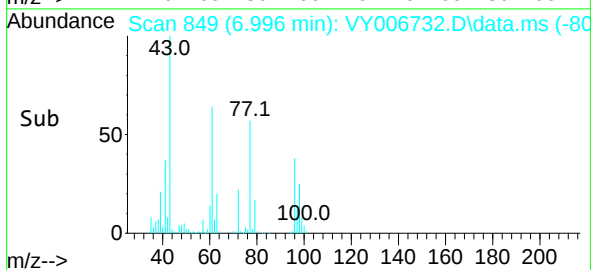
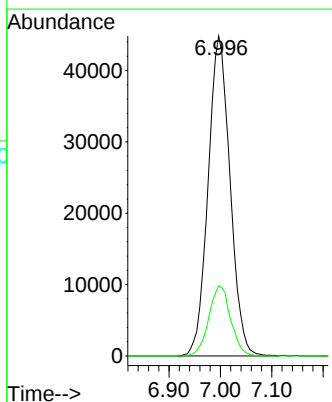
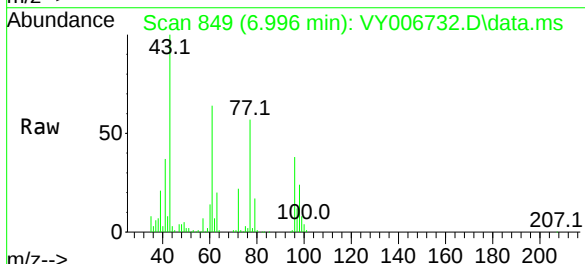
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

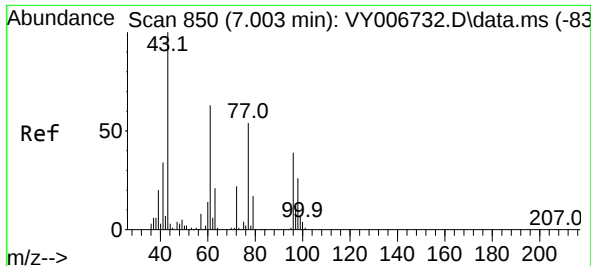
Tgt Ion: 43 Resp: 215461  
Ion Ratio Lower Upper  
43 100  
72 22.2 18.9 28.3



#26  
2,2-Dichloropropane  
Concen: 49.912 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 77 Resp: 133071  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 50.206 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

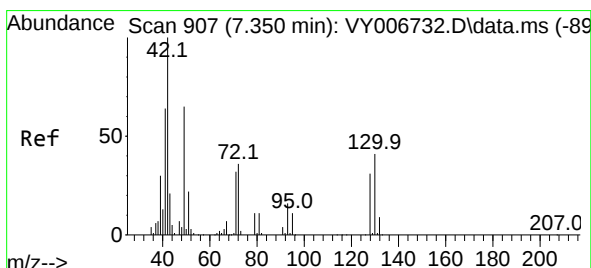
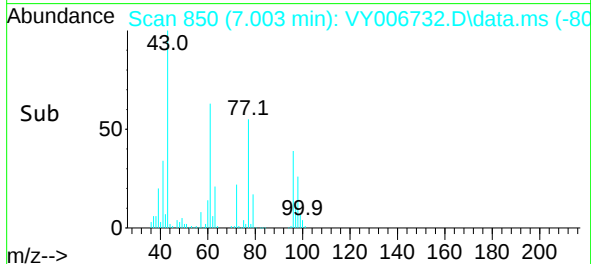
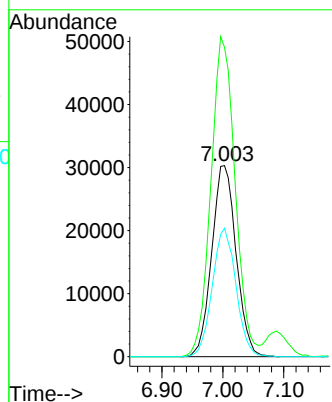
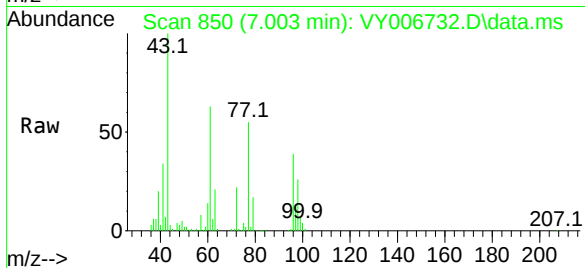
Tgt Ion: 96 Resp: 84254

Ion Ratio Lower Upper

96 100

61 166.1 0.0 314.0

98 65.3 0.0 127.8



#28

Bromochloromethane

Concen: 49.870 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

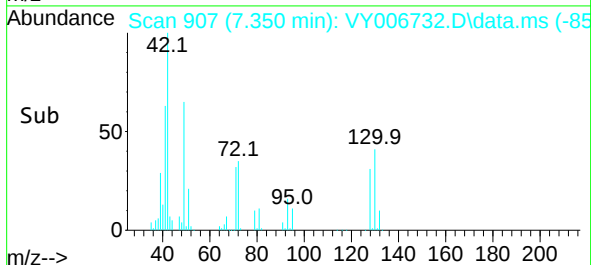
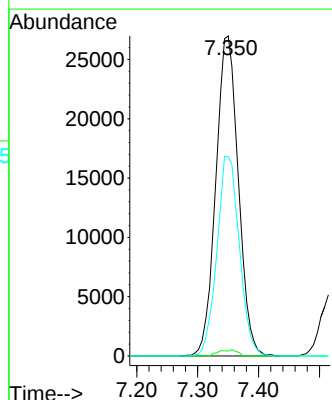
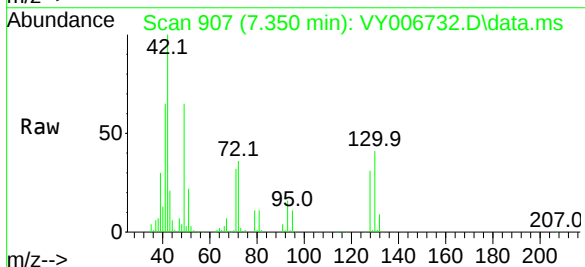
Tgt Ion: 49 Resp: 69214

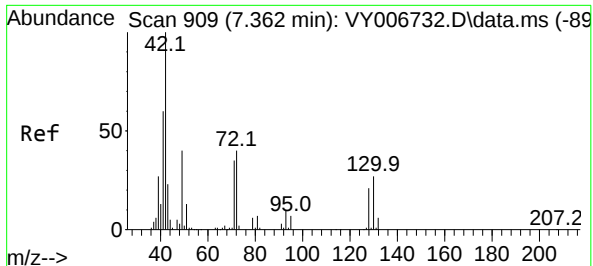
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.4

130 62.1 55.6 83.4





#29

Tetrahydrofuran

Concen: 294.684 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

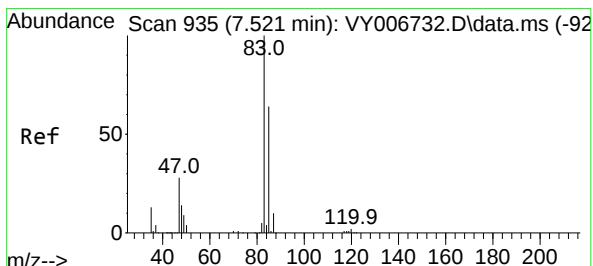
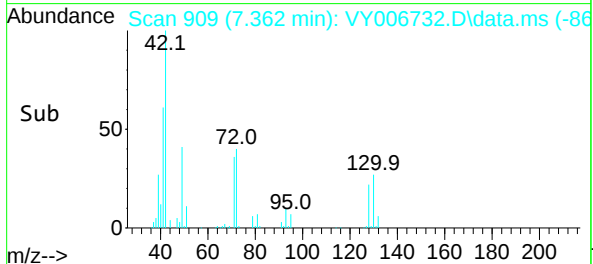
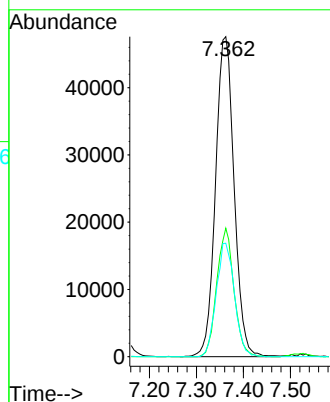
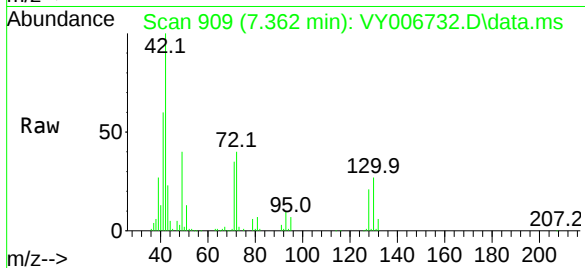
Tgt Ion: 42 Resp: 130812

Ion Ratio Lower Upper

42 100

72 37.1 32.0 48.0

71 34.8 30.3 45.5



#30

Chloroform

Concen: 50.190 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY006732.D

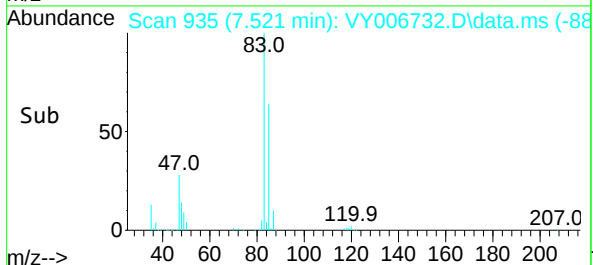
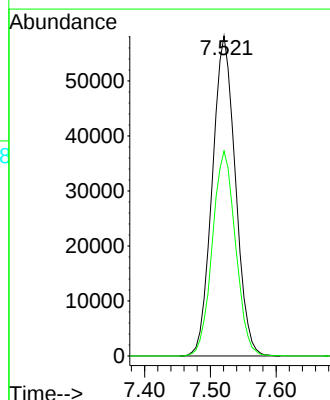
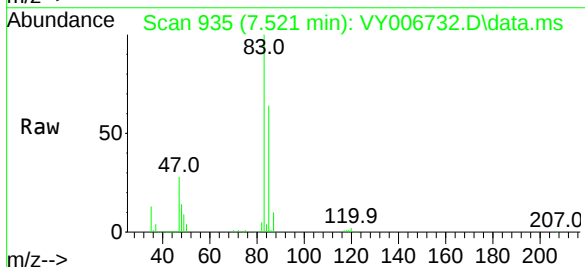
Acq: 15 Nov 2021 13:22

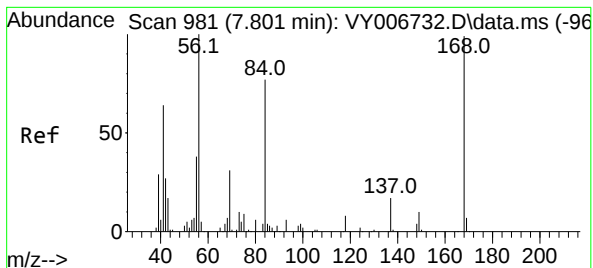
Tgt Ion: 83 Resp: 142361

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4





#31

Cyclohexane

Concen: 48.492 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

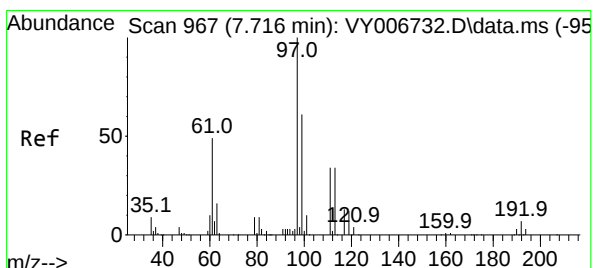
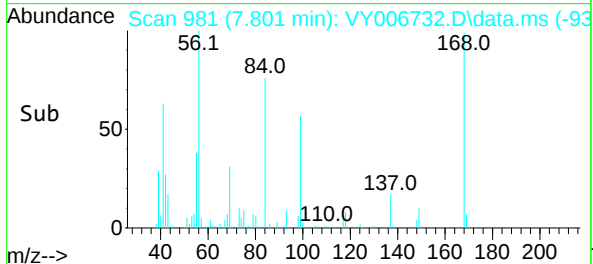
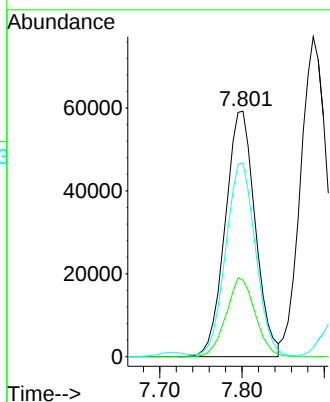
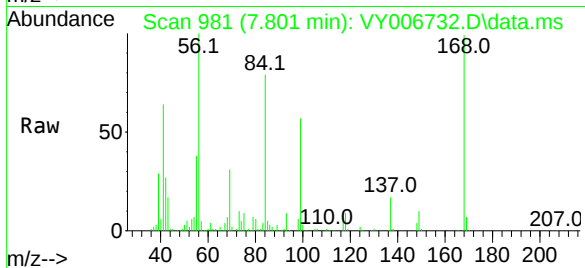
Tgt Ion: 56 Resp: 150053

Ion Ratio Lower Upper

56 100

69 31.2 26.6 40.0

84 77.2 65.0 97.4



#32

1,1,1-Trichloroethane

Concen: 50.014 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

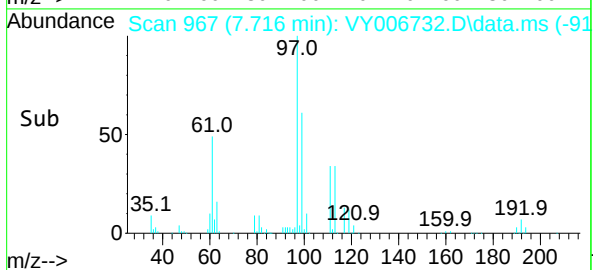
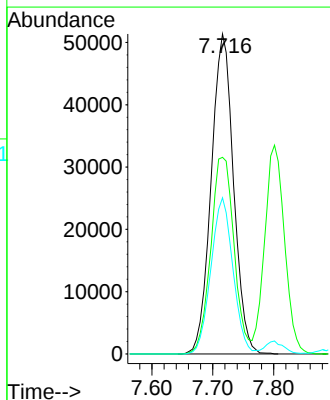
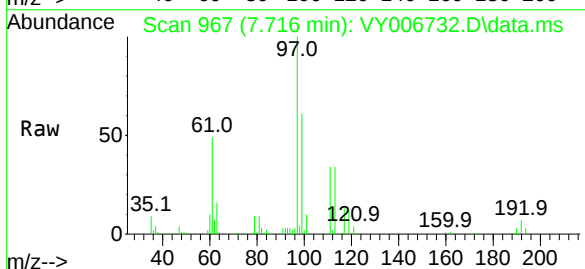
Tgt Ion: 97 Resp: 130737

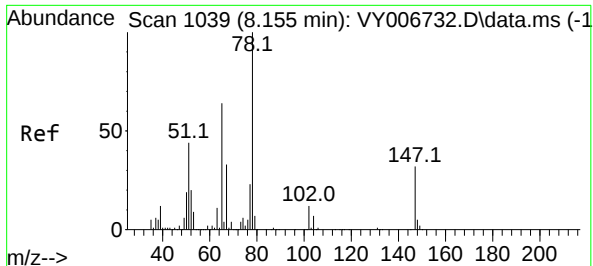
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 48.2 37.4 56.2

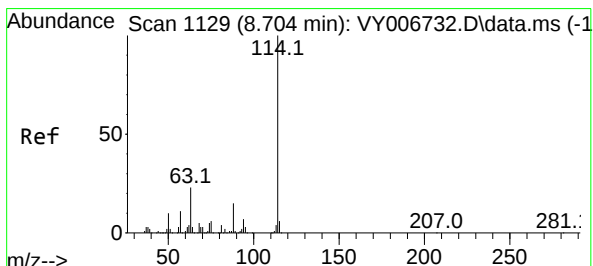
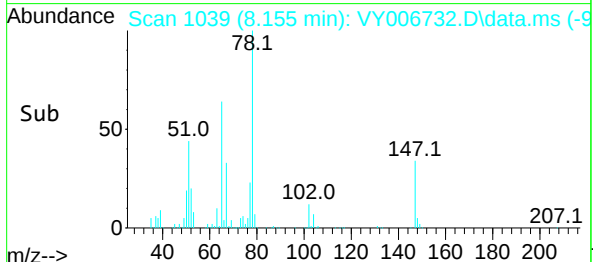
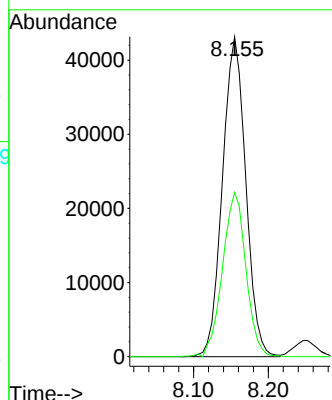
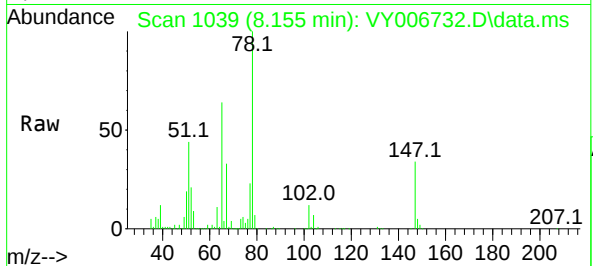




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.077 ug/l  
 RT: 8.155 min Scan# 1039  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

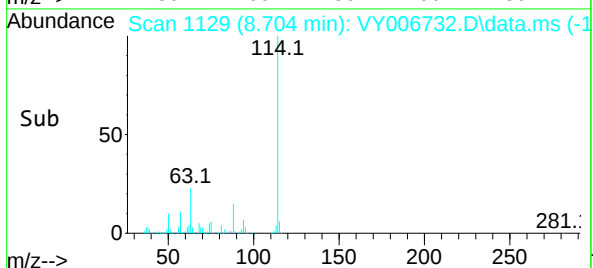
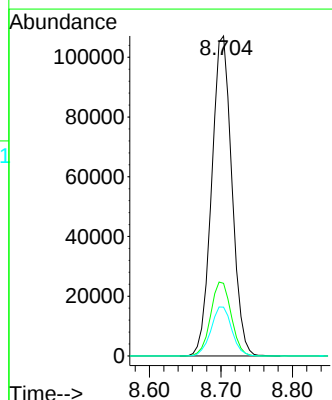
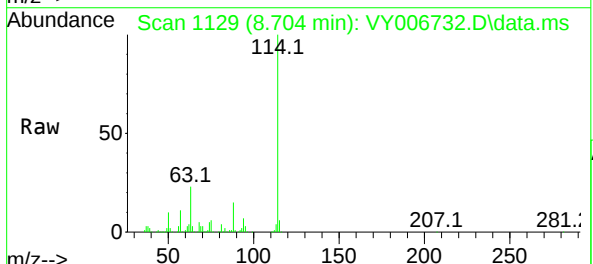
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

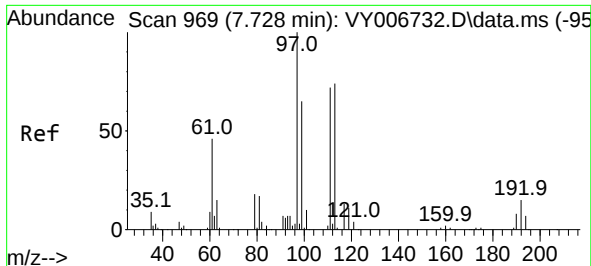
Tgt Ion: 65 Resp: 93445  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 98.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.704 min Scan# 1129  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

Tgt Ion: 114 Resp: 209572  
 Ion Ratio Lower Upper  
 114 100  
 63 22.7 0.0 45.0  
 88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.771 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

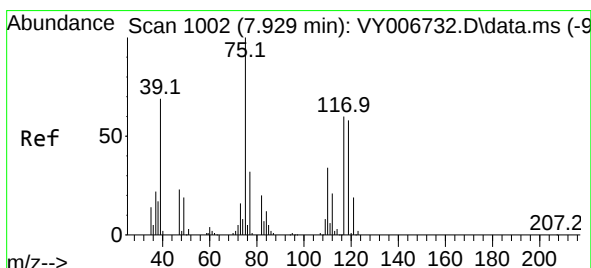
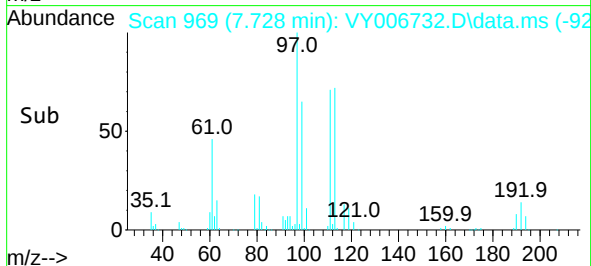
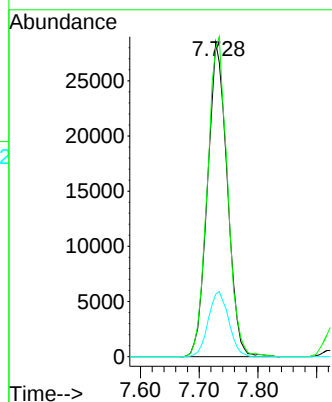
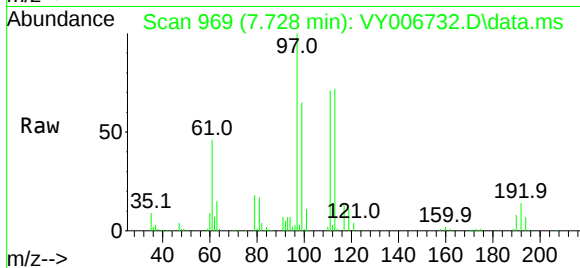
Tgt Ion:113 Resp: 66644

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 21.3 17.4 26.2



#36

1,1-Dichloropropene

Concen: 50.604 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

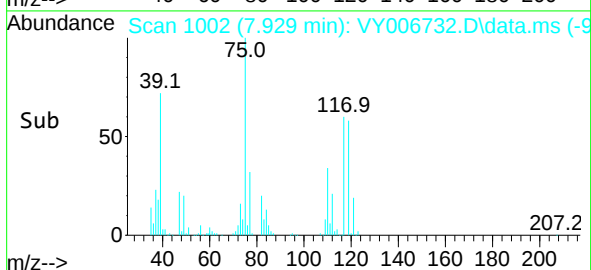
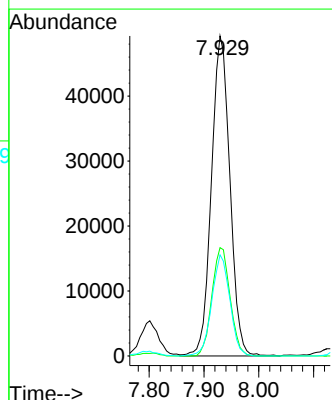
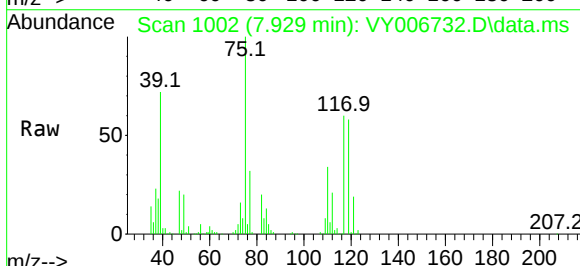
Tgt Ion: 75 Resp: 115273

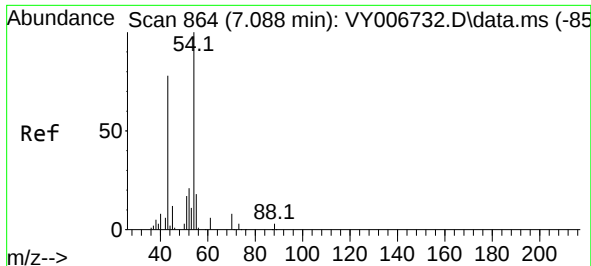
Ion Ratio Lower Upper

75 100

110 33.2 17.1 51.3

77 30.8 24.9 37.3

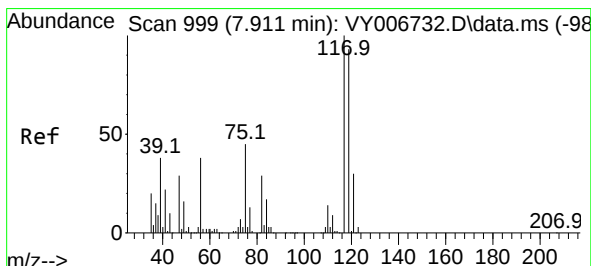
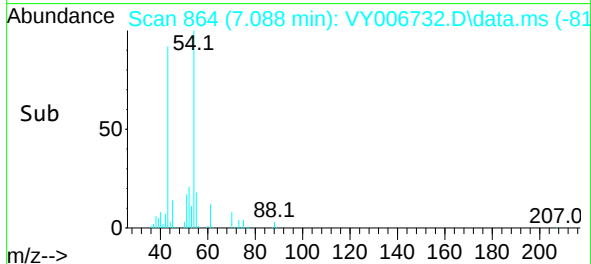
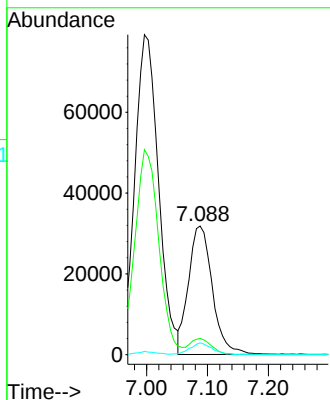
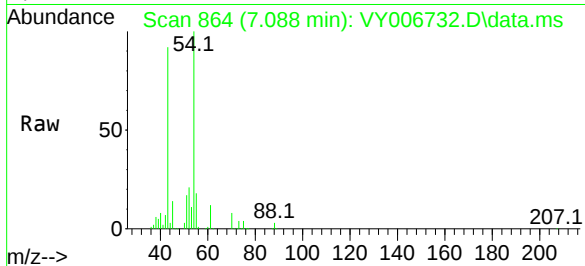




#37  
Ethyl Acetate  
Concen: 56.749 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

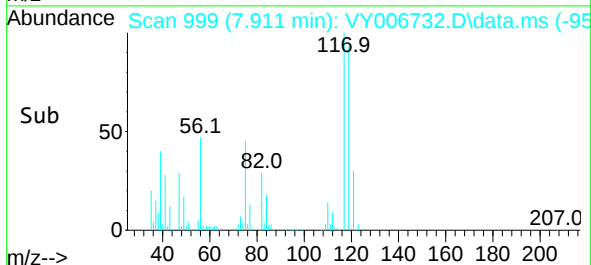
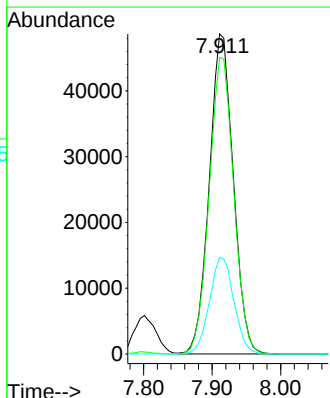
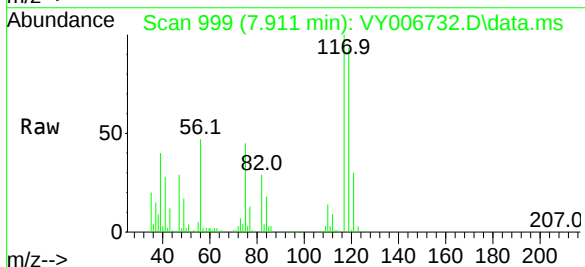
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

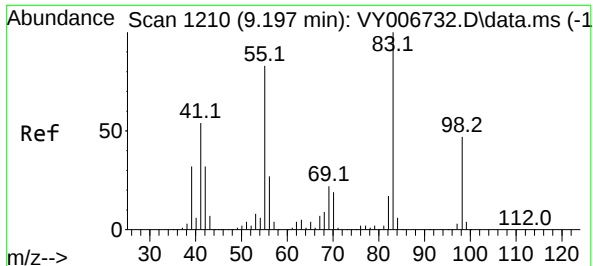
Tgt Ion: 43 Resp: 86430  
Ion Ratio Lower Upper  
43 100  
61 11.8 9.4 14.2  
70 8.5 6.9 10.3



#38  
Carbon Tetrachloride  
Concen: 50.780 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 117 Resp: 118316  
Ion Ratio Lower Upper  
117 100  
119 92.7 76.6 115.0  
121 30.1 24.7 37.1





#39

Methylcyclohexane

Concen: 50.676 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

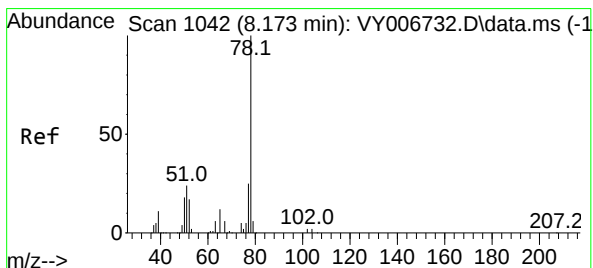
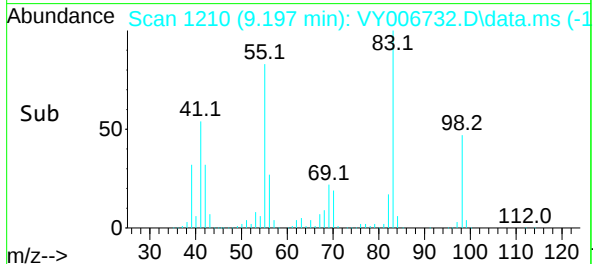
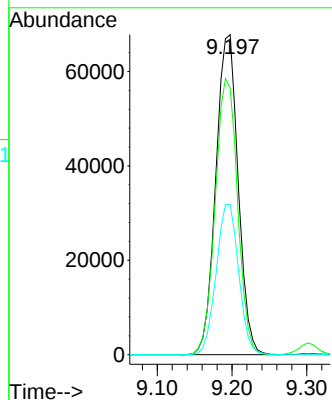
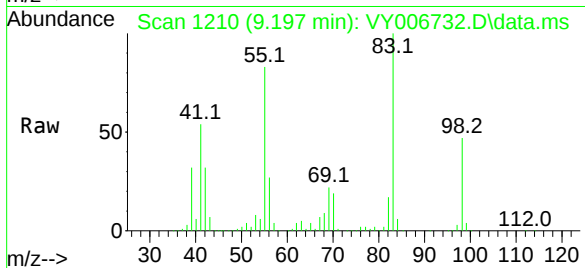
Tgt Ion: 83 Resp: 140787

Ion Ratio Lower Upper

83 100

55 83.4 65.3 97.9

98 46.9 37.0 55.4



#40

Benzene

Concen: 50.426 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY006732.D

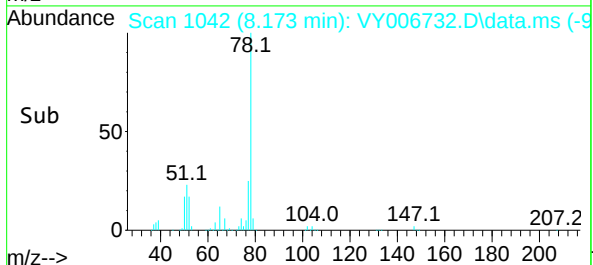
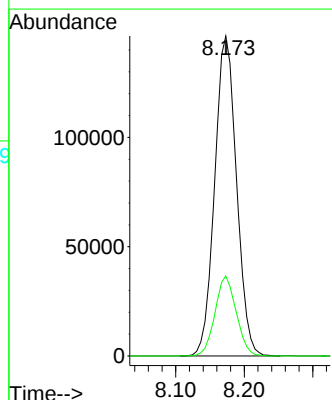
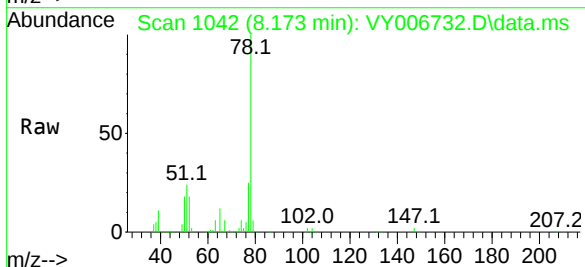
Acq: 15 Nov 2021 13:22

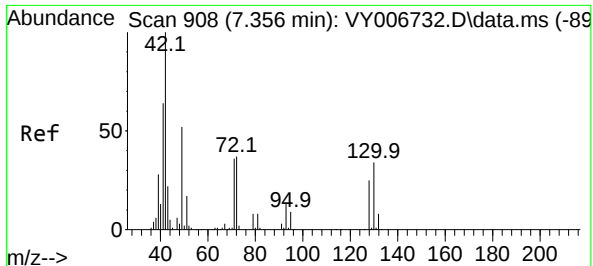
Tgt Ion: 78 Resp: 323366

Ion Ratio Lower Upper

78 100

77 25.0 19.7 29.5

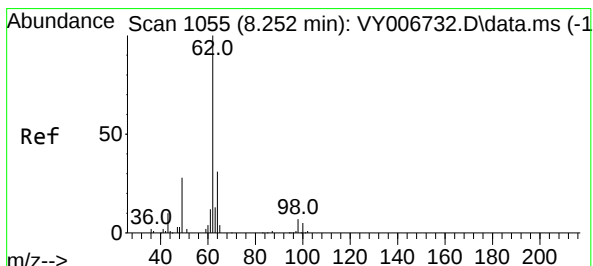
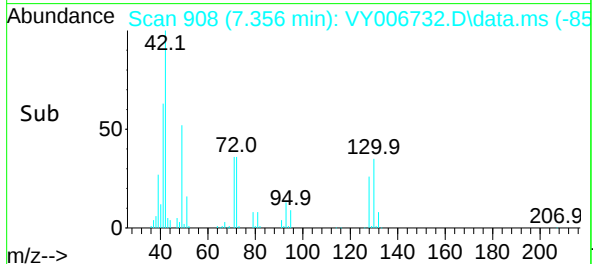
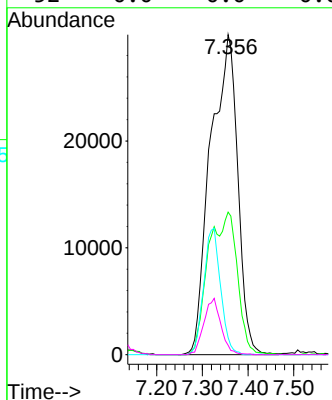
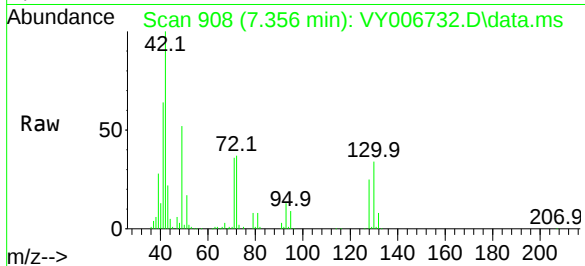




#41  
Methacrylonitrile  
Concen: 177.003 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

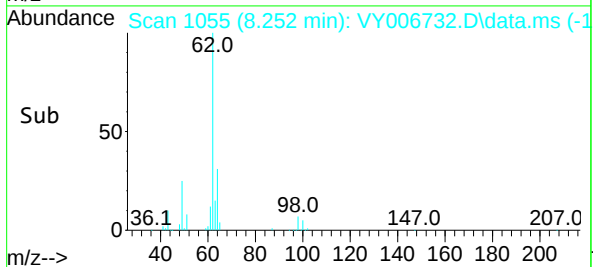
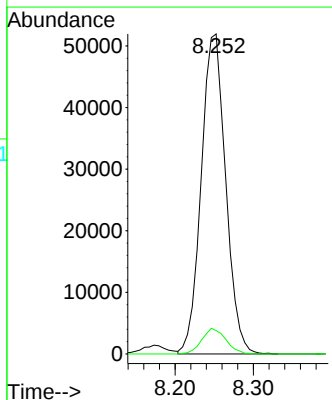
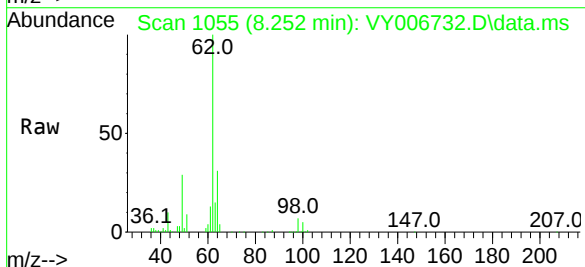
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

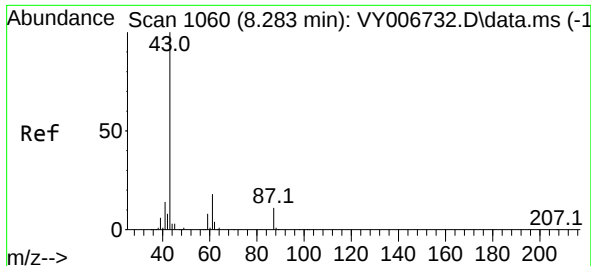
Tgt Ion: 41 Resp: 123420  
Ion Ratio Lower Upper  
41 100  
39 0.0 109.0 163.6#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 52.767 ug/l  
RT: 8.252 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 62 Resp: 112734  
Ion Ratio Lower Upper  
62 100  
98 7.9 0.0 15.2

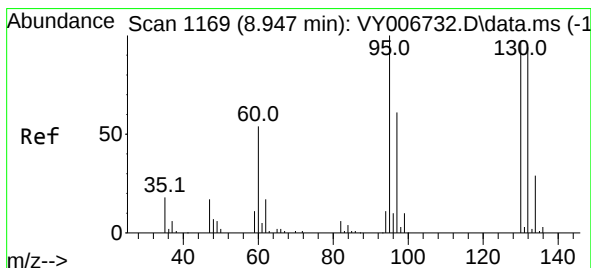
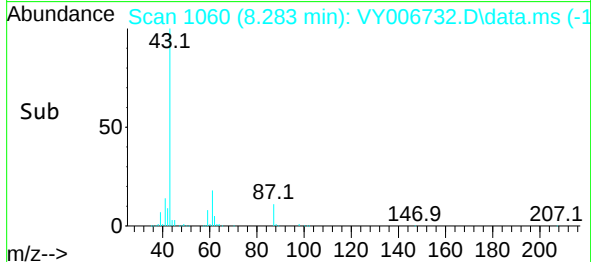
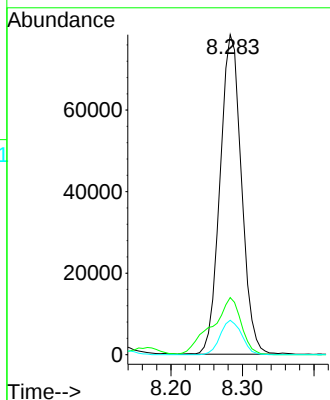
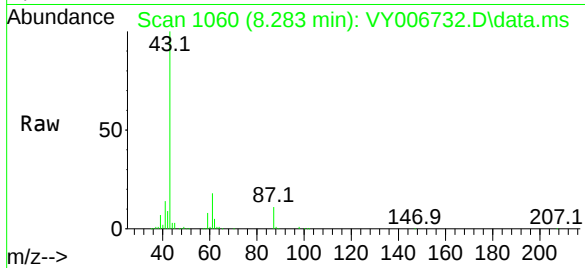




#43  
Isopropyl Acetate  
Concen: 56.982 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

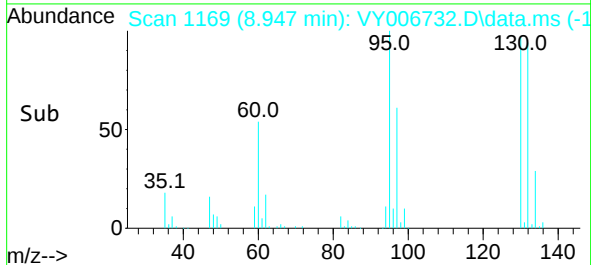
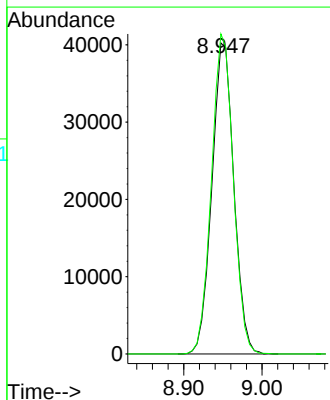
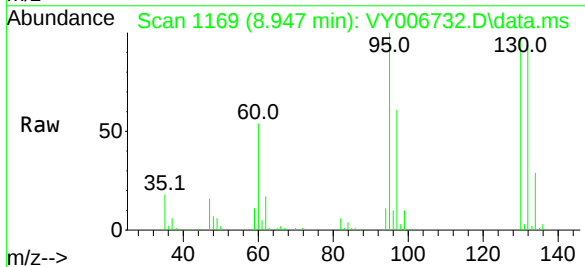
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

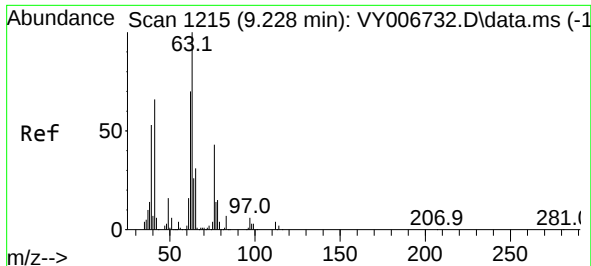
Tgt Ion: 43 Resp: 162793  
Ion Ratio Lower Upper  
43 100  
61 24.5 20.5 30.7  
87 10.8 9.0 13.6



#44  
Trichloroethene  
Concen: 50.330 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion:130 Resp: 78517  
Ion Ratio Lower Upper  
130 100  
95 102.9 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.705 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

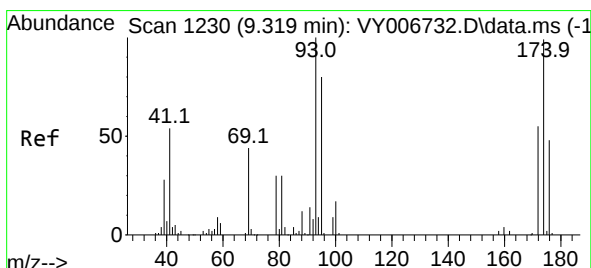
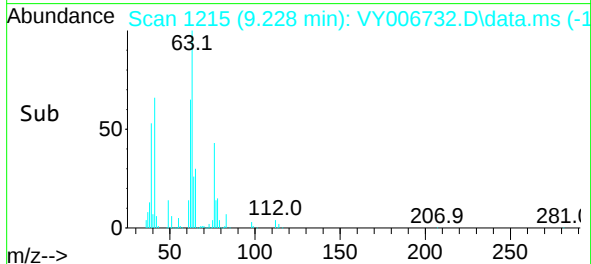
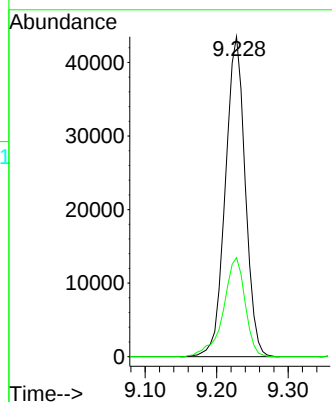
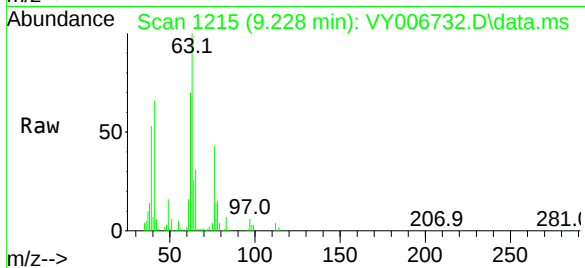
VSTDICCC050

Tgt Ion: 63 Resp: 83892

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#46

Dibromomethane

Concen: 53.185 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

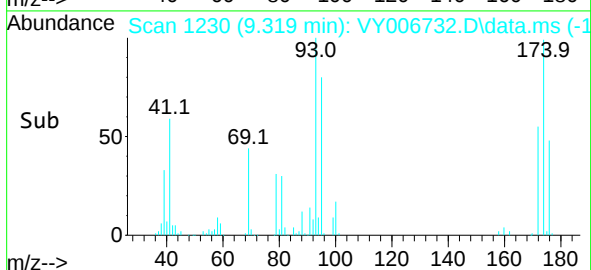
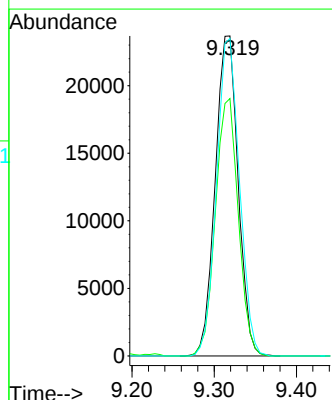
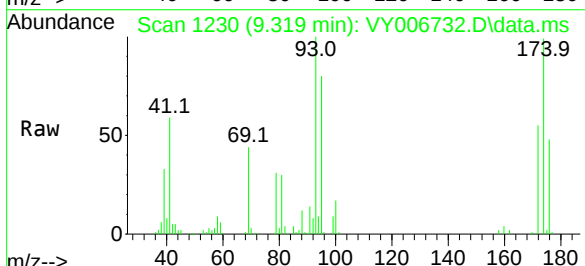
Tgt Ion: 93 Resp: 45832

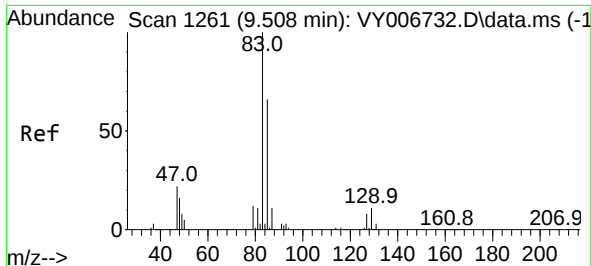
Ion Ratio Lower Upper

93 100

95 80.5 65.5 98.3

174 99.4 84.3 126.5

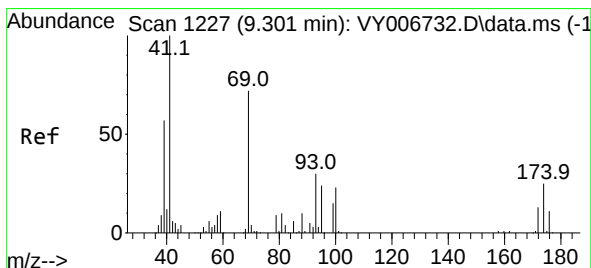
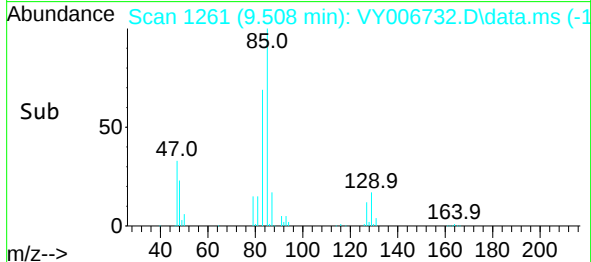
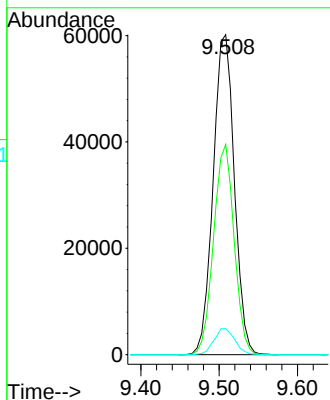
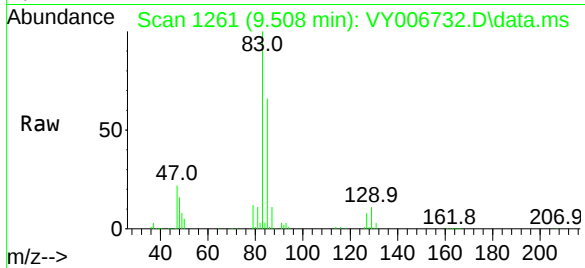




#47  
Bromodichloromethane  
Concen: 51.727 ug/l  
RT: 9.508 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

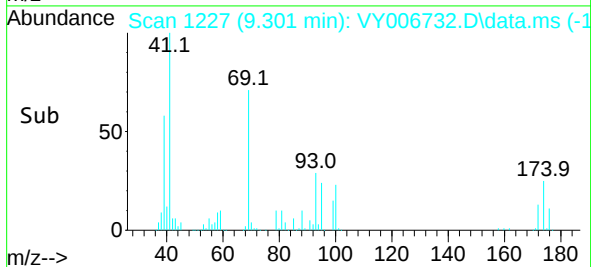
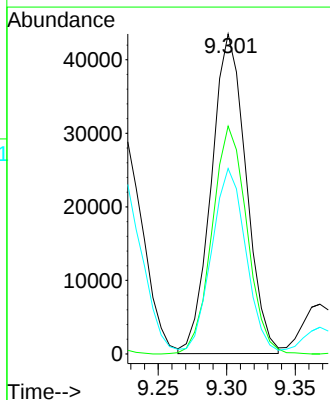
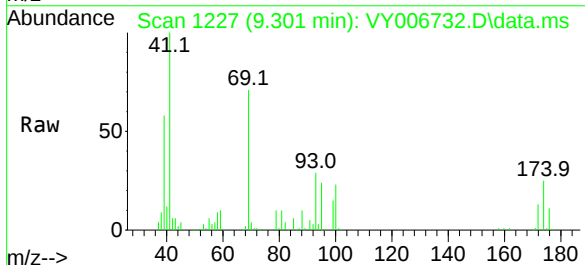
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

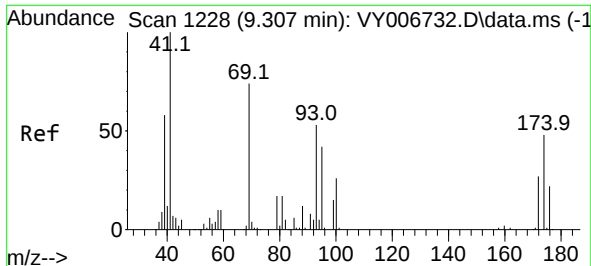
Tgt Ion: 83 Resp: 113199  
Ion Ratio Lower Upper  
83 100  
85 65.7 49.9 74.9  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 56.659 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 41 Resp: 76693  
Ion Ratio Lower Upper  
41 100  
69 71.4 60.4 90.6  
39 55.2 48.2 72.2





#49

1,4-Dioxane

Concen: 1104.874 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

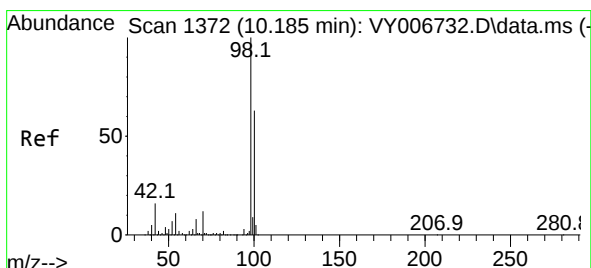
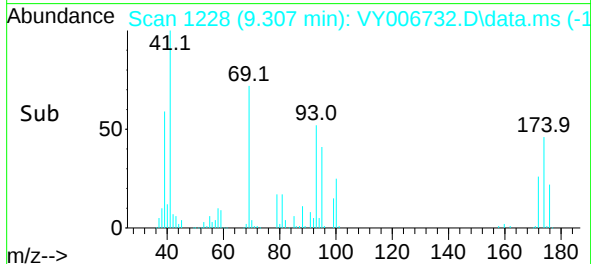
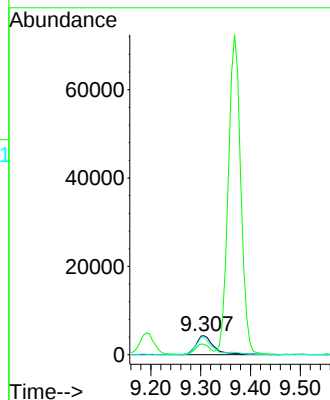
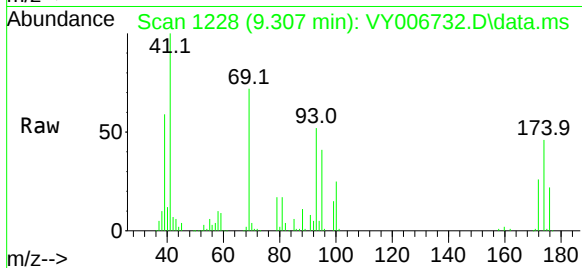
Tgt Ion: 88 Resp: 10925

Ion Ratio Lower Upper

88 100

43 41.7 34.1 51.1

58 76.3 57.5 86.3



#50

Toluene-d8

Concen: 52.087 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006732.D

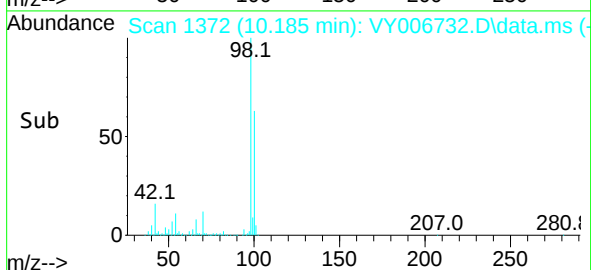
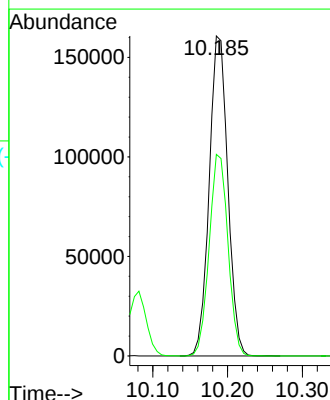
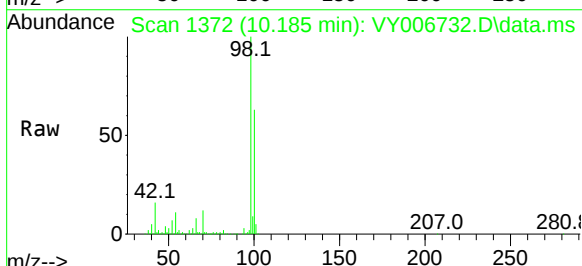
Acq: 15 Nov 2021 13:22

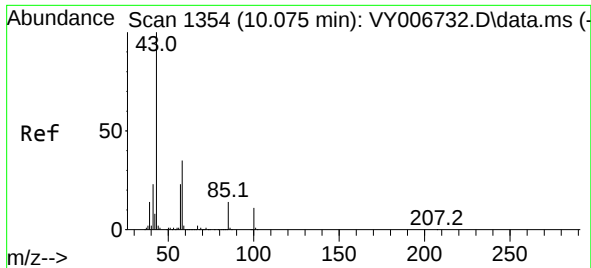
Tgt Ion: 98 Resp: 277464

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

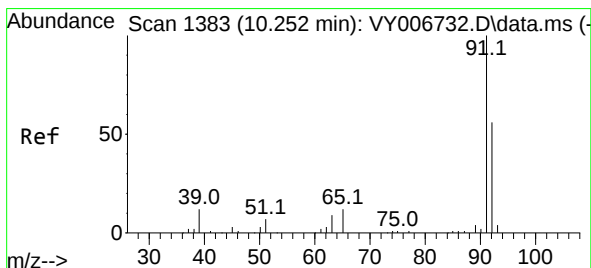
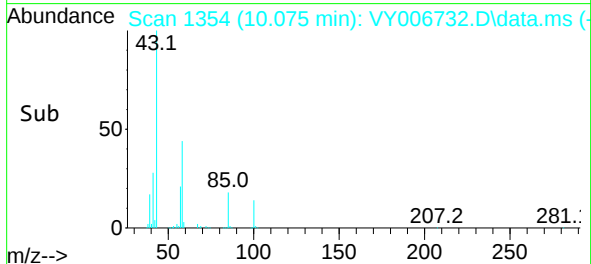
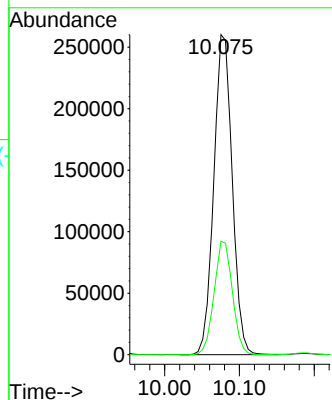
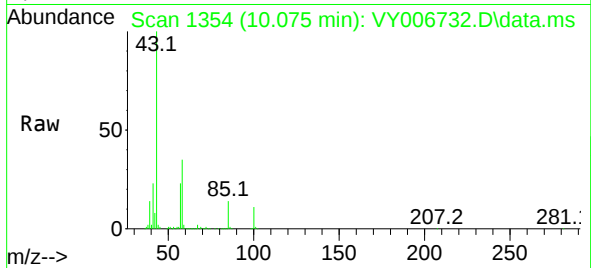




#51  
4-Methyl-2-Pentanone  
Concen: 296.016 ug/l  
RT: 10.075 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

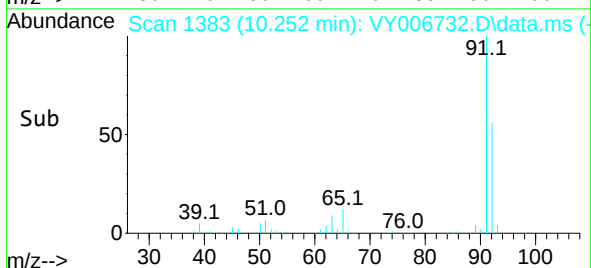
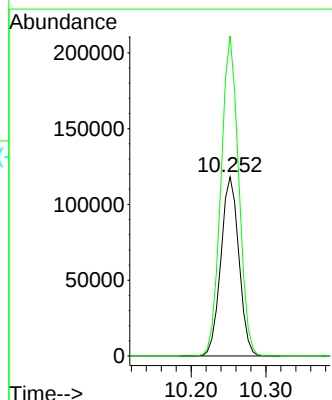
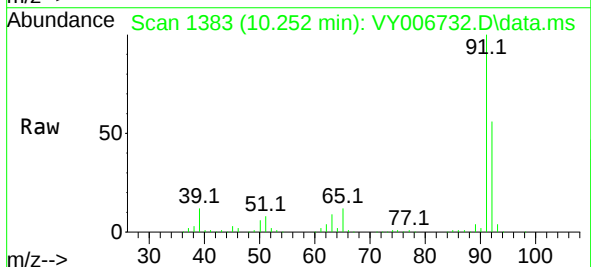
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

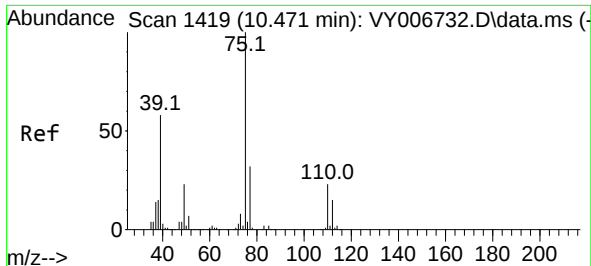
Tgt Ion: 43 Resp: 445468  
Ion Ratio Lower Upper  
43 100  
58 35.2 28.7 43.1



#52  
Toluene  
Concen: 50.699 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 92 Resp: 197426  
Ion Ratio Lower Upper  
92 100  
91 176.6 139.7 209.5

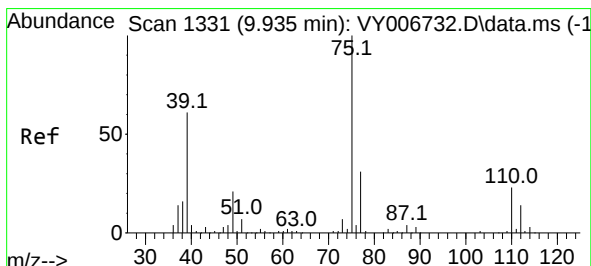
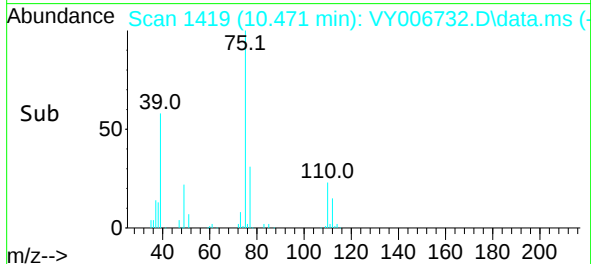
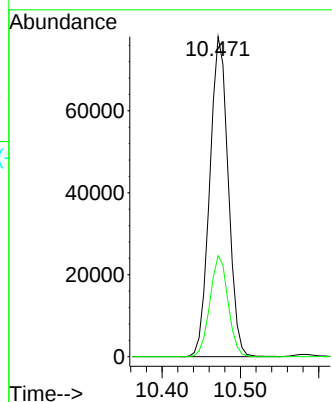
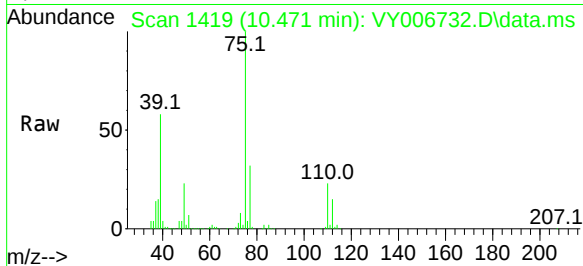




#53  
 t-1,3-Dichloropropene  
 Concen: 53.701 ug/l  
 RT: 10.471 min Scan# 1419  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

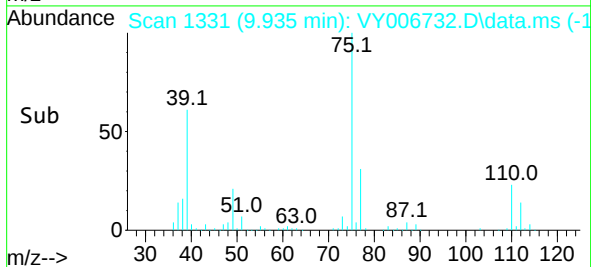
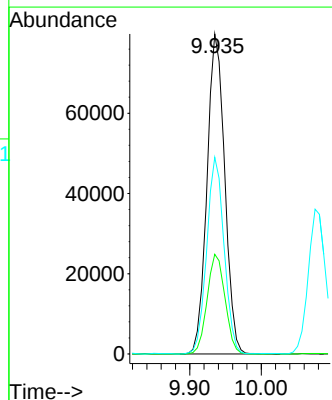
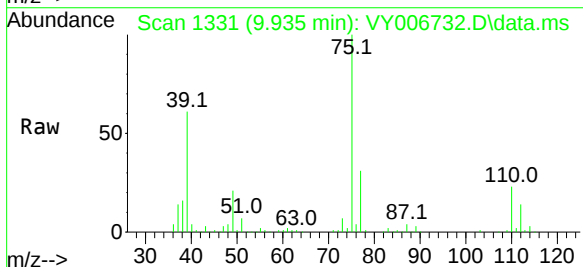
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

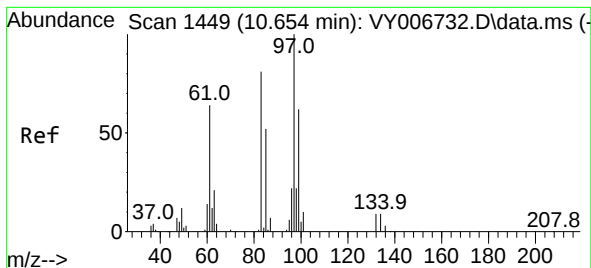
Tgt Ion: 75 Resp: 127743  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.415 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

Tgt Ion: 75 Resp: 137168  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.4 38.2  
 39 61.5 50.2 75.2

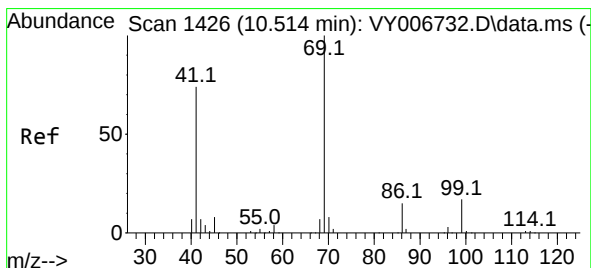
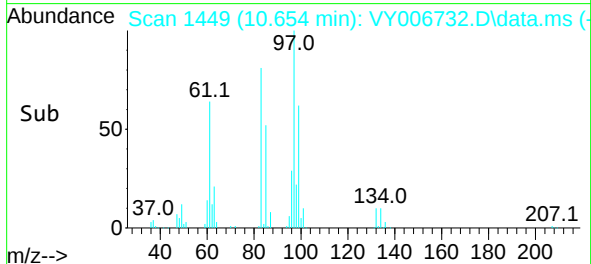
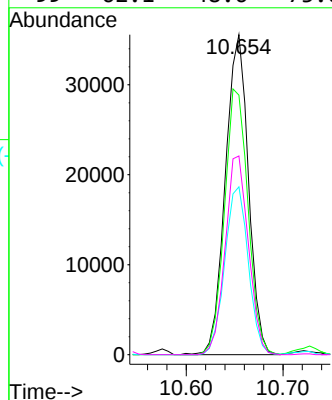
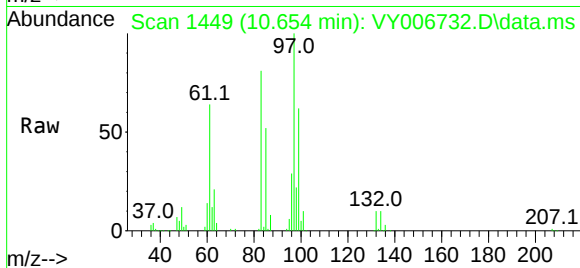




#55  
1,1,2-Trichloroethane  
Concen: 51.256 ug/l  
RT: 10.654 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

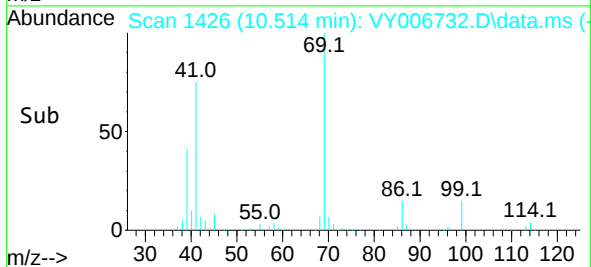
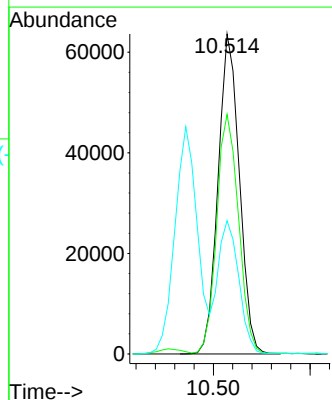
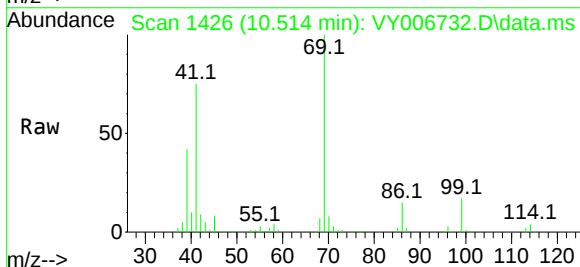
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

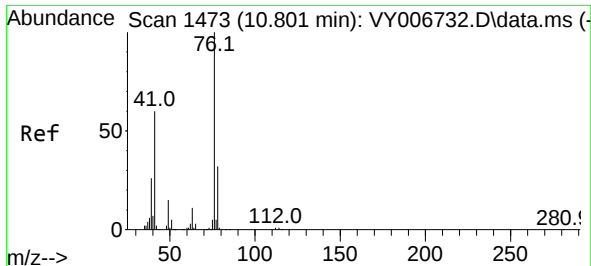
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 58966 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.1  | 66.2  | 99.2  |
| 85       | 52.5  | 42.2  | 63.4  |
| 99       | 62.1  | 48.6  | 73.0  |



#56  
Ethyl methacrylate  
Concen: 54.248 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 97006 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 76.6  | 62.9  | 94.3  |
| 39       | 41.0  | 35.7  | 53.5  |





#57

1,3-Dichloropropane

Concen: 49.113 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

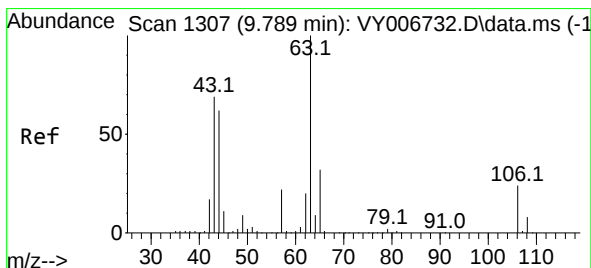
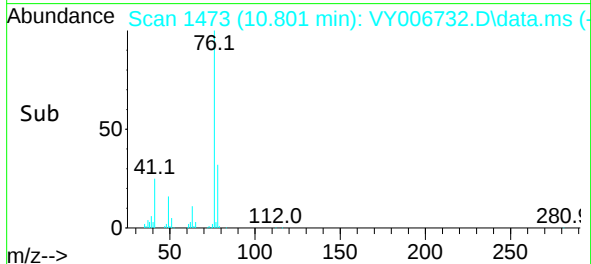
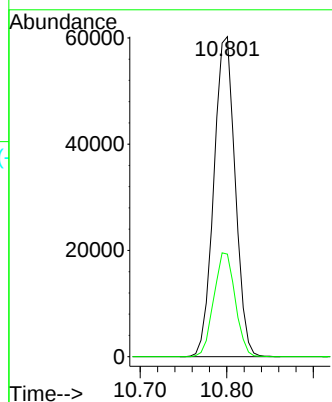
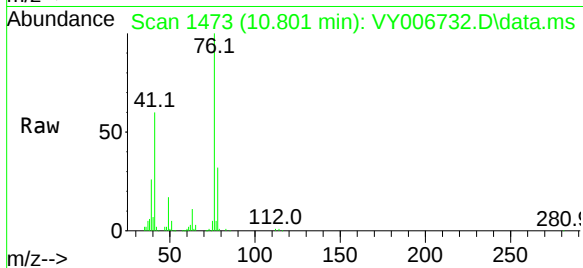
VSTDICCC050

Tgt Ion: 76 Resp: 103100

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.762 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY006732.D

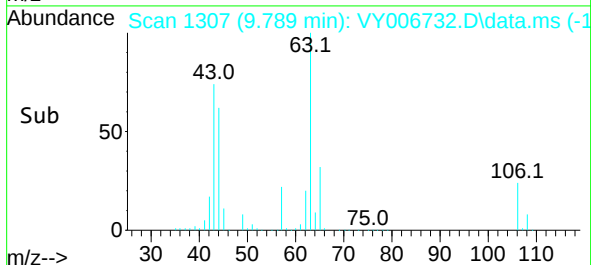
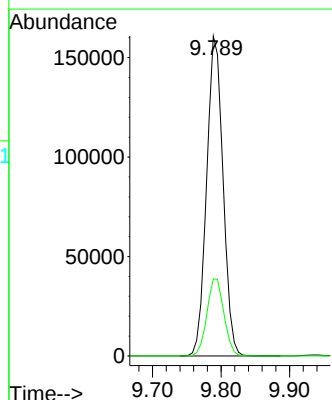
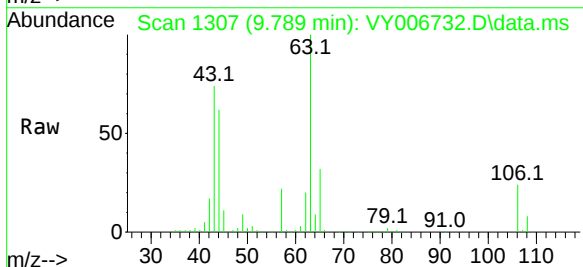
Acq: 15 Nov 2021 13:22

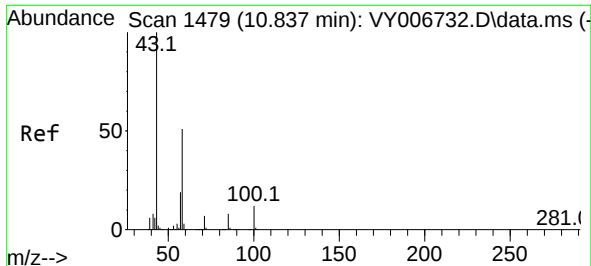
Tgt Ion: 63 Resp: 268022

Ion Ratio Lower Upper

63 100

106 25.0 21.4 32.2

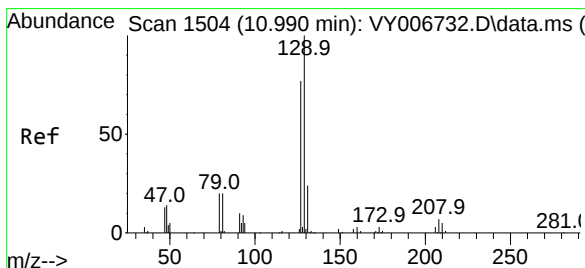
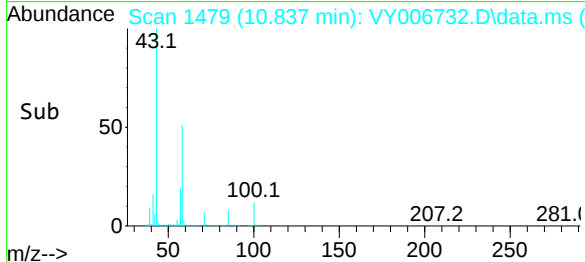
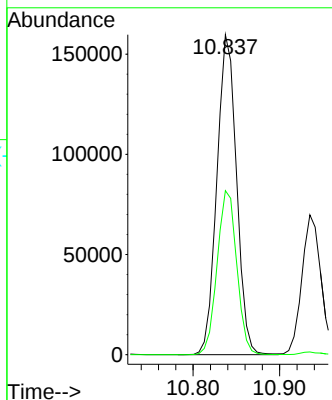
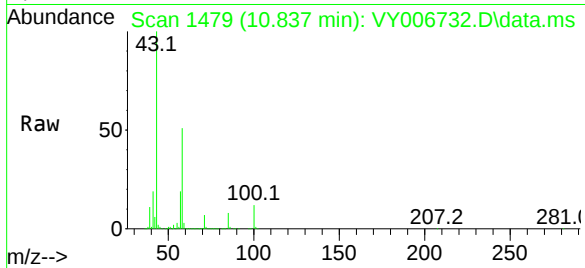




#59  
2-Hexanone  
Concen: 230.062 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

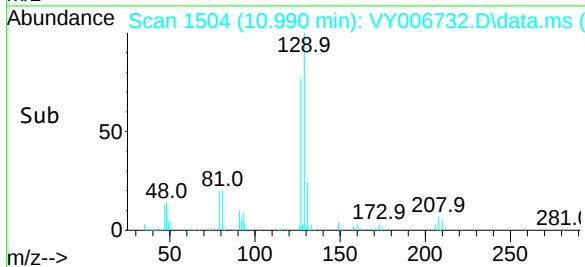
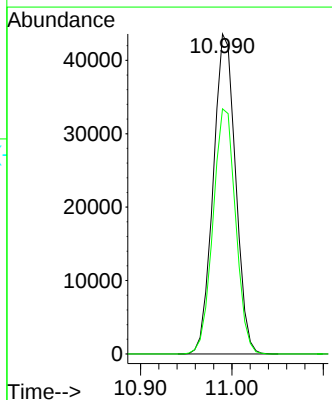
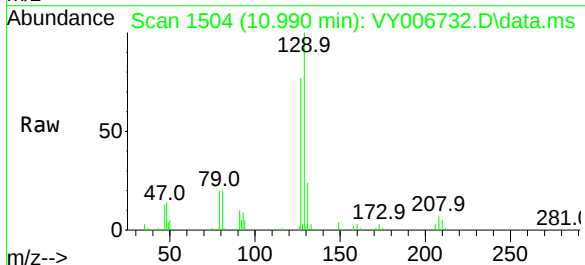
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

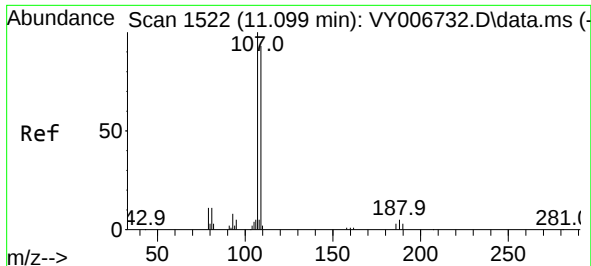
Tgt Ion: 43 Resp: 251732  
Ion Ratio Lower Upper  
43 100  
58 51.2 24.6 73.6



#60  
Dibromochloromethane  
Concen: 52.544 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 129 Resp: 74096  
Ion Ratio Lower Upper  
129 100  
127 77.5 39.4 118.1

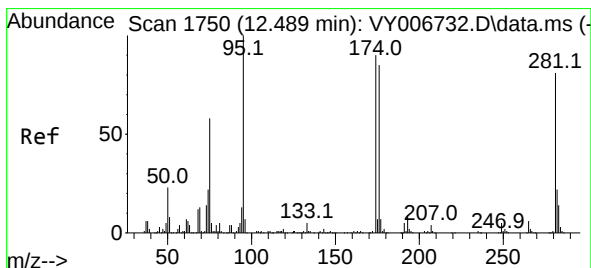
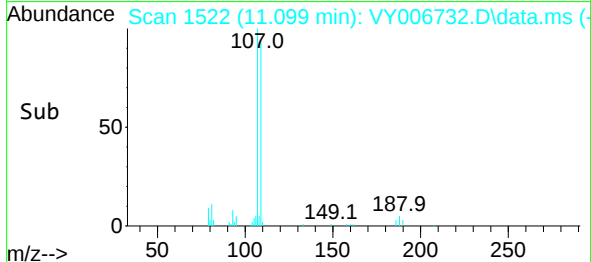
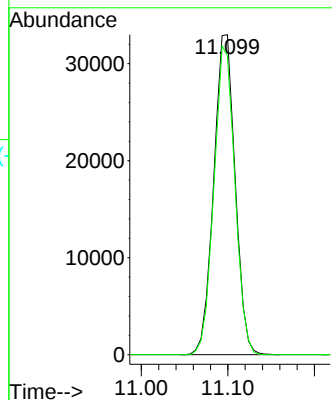
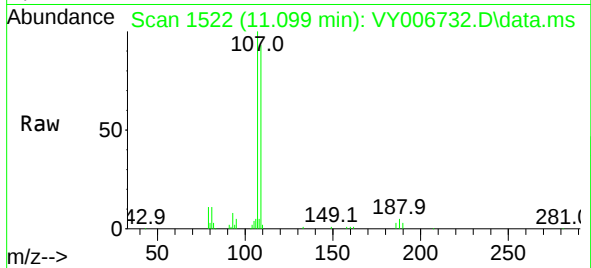




#61  
1,2-Dibromoethane  
Concen: 53.171 ug/l  
RT: 11.099 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

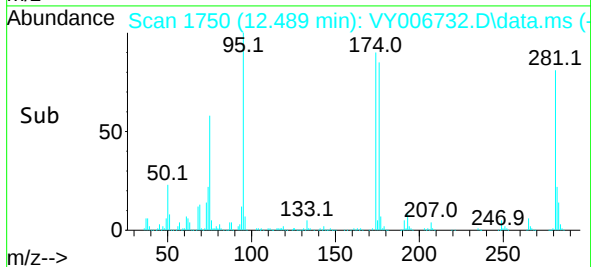
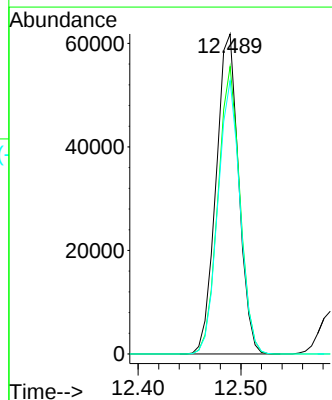
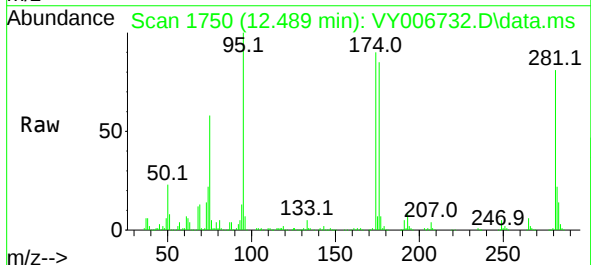
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

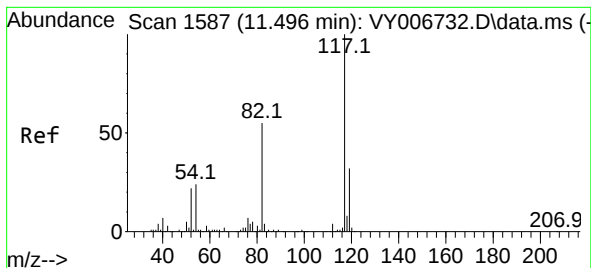
Tgt Ion:107 Resp: 56672  
Ion Ratio Lower Upper  
107 100  
109 94.4 76.2 114.2



#62  
4-Bromofluorobenzene  
Concen: 52.465 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 95 Resp: 94218  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 177.0  
176 83.7 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

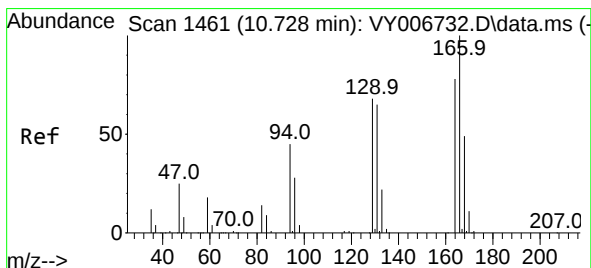
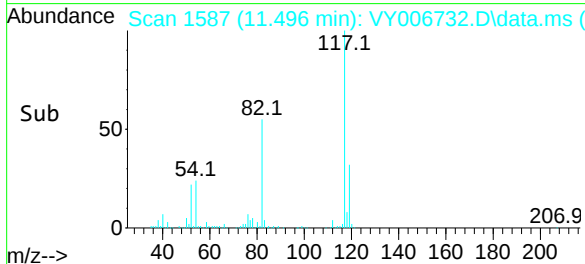
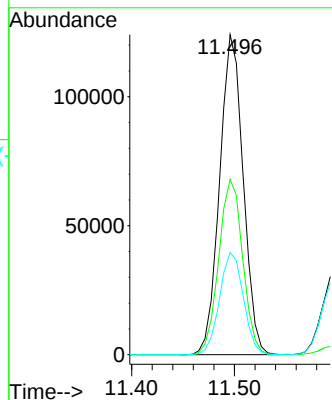
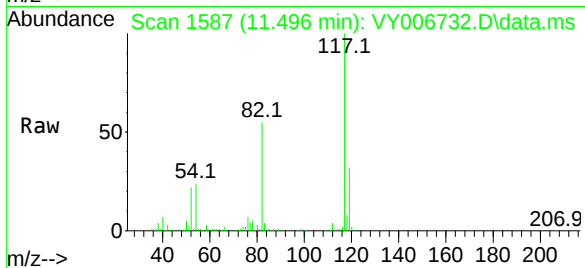
Tgt Ion:117 Resp: 197284

Ion Ratio Lower Upper

117 100

82 54.8 45.7 68.5

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 52.580 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Tgt Ion:164 Resp: 75802

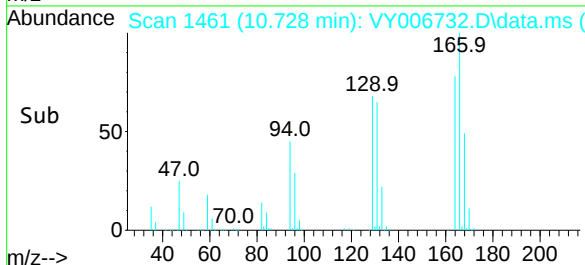
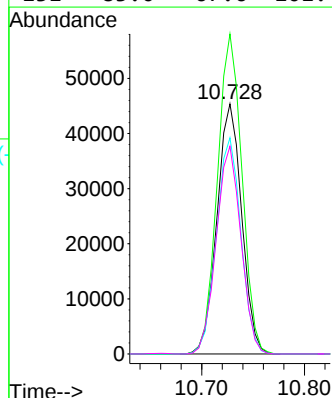
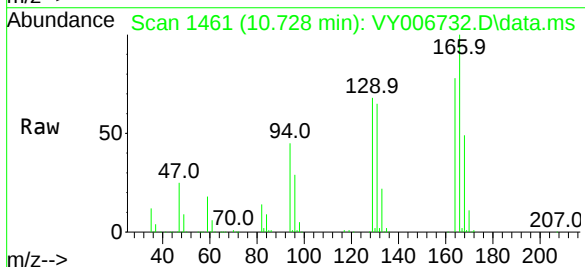
Ion Ratio Lower Upper

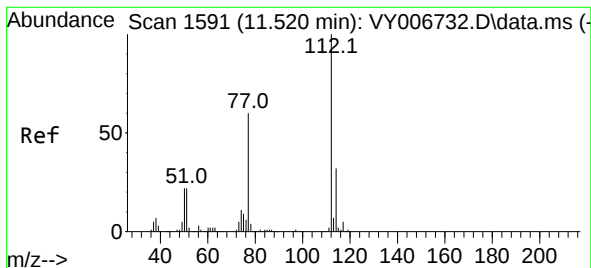
164 100

166 127.9 103.3 154.9

129 86.4 71.2 106.8

131 83.0 67.6 101.4





#65

Chlorobenzene

Concen: 50.414 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

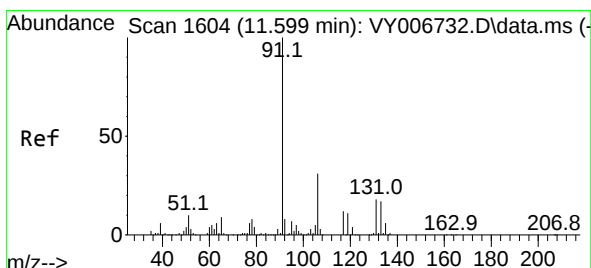
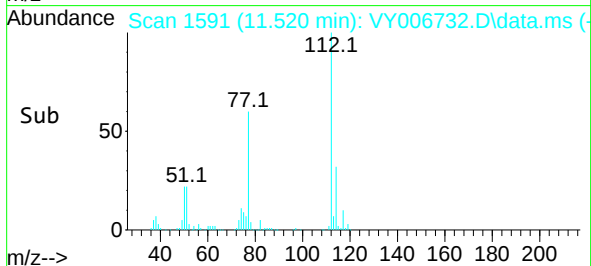
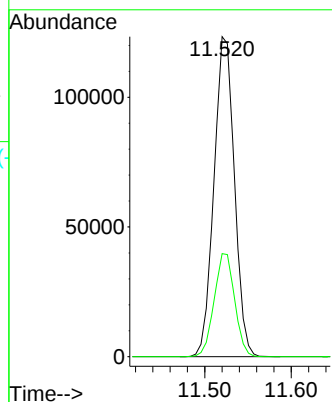
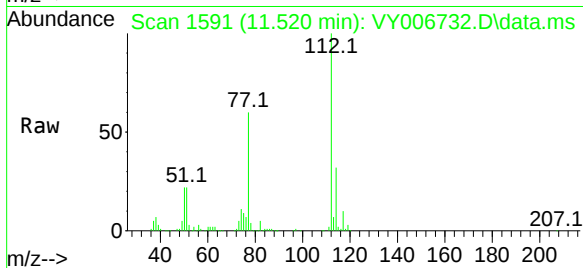
VSTDICCC050

Tgt Ion:112 Resp: 202347

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.682 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

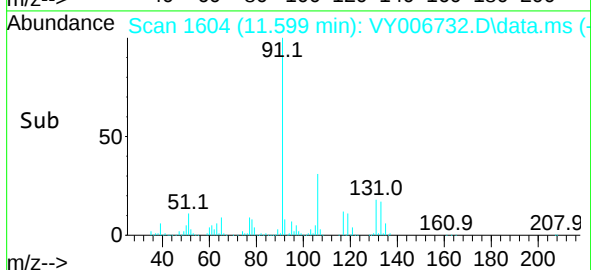
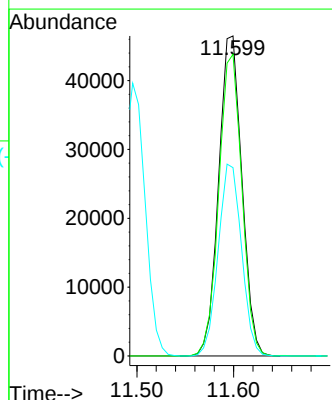
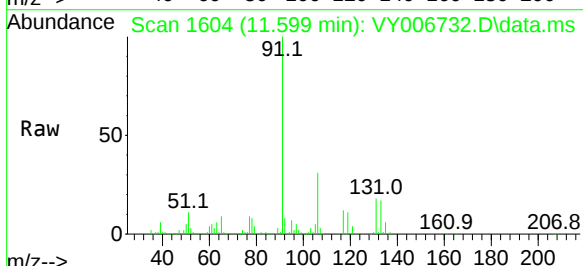
Tgt Ion:131 Resp: 77575

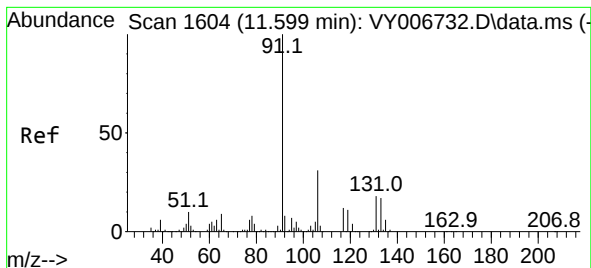
Ion Ratio Lower Upper

131 100

133 93.7 47.8 143.3

119 60.2 30.8 92.4





#67

Ethyl Benzene

Concen: 50.388 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

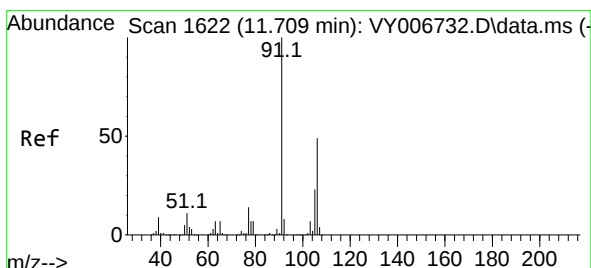
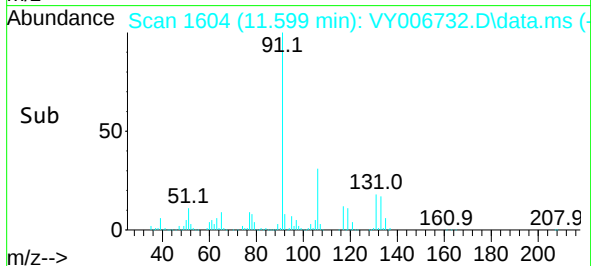
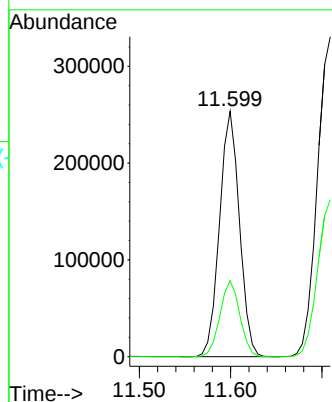
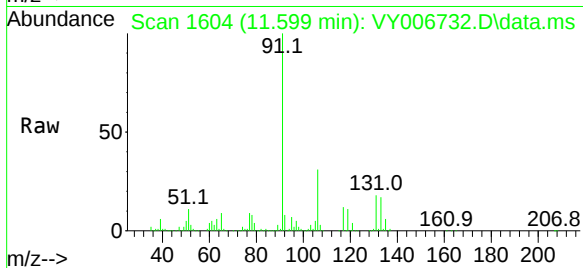
VSTDICCC050

Tgt Ion: 91 Resp: 383352

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 101.659 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY006732.D

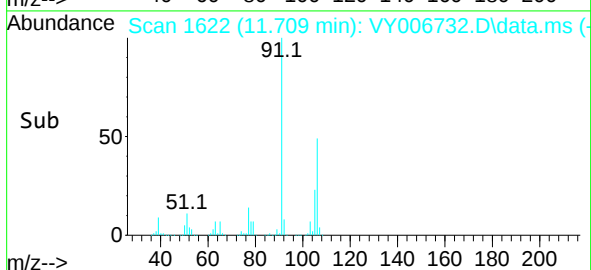
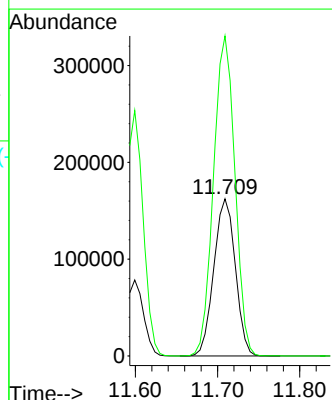
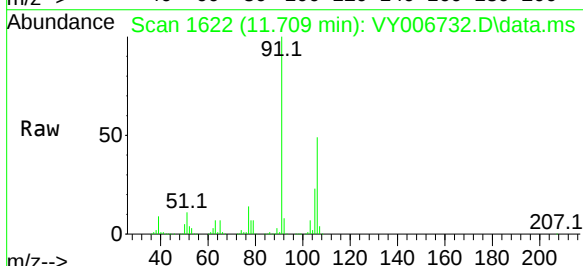
Acq: 15 Nov 2021 13:22

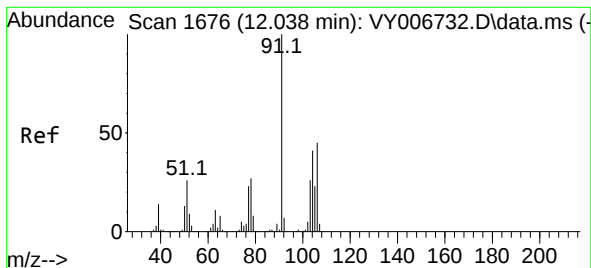
Tgt Ion:106 Resp: 294757

Ion Ratio Lower Upper

106 100

91 203.2 167.5 251.3





#69

o-Xylene

Concen: 50.603 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

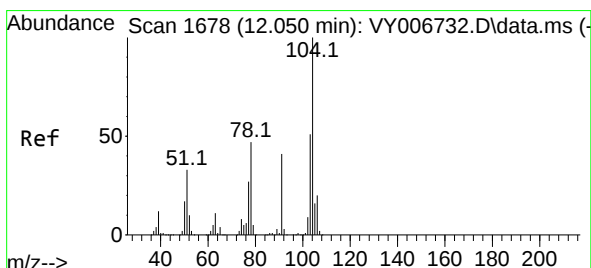
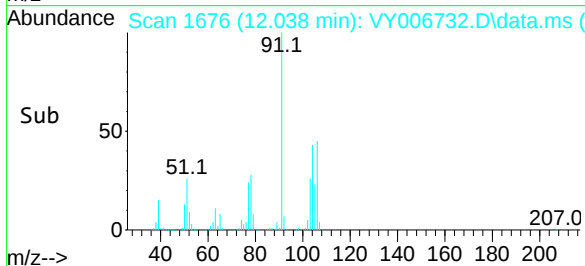
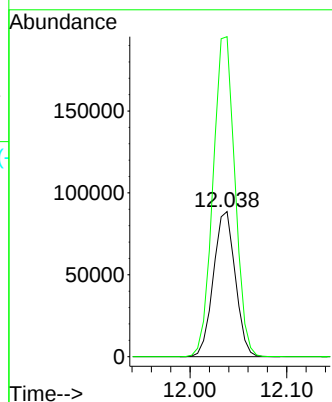
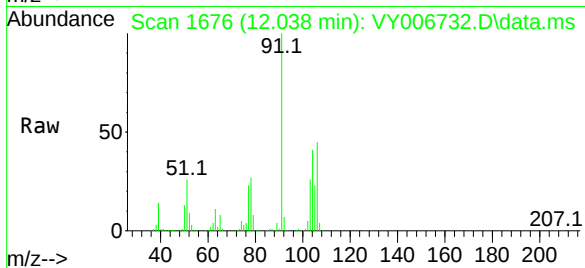
VSTDICCC050

Tgt Ion:106 Resp: 138992

Ion Ratio Lower Upper

106 100

91 220.9 110.3 330.9



#70

Styrene

Concen: 51.654 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

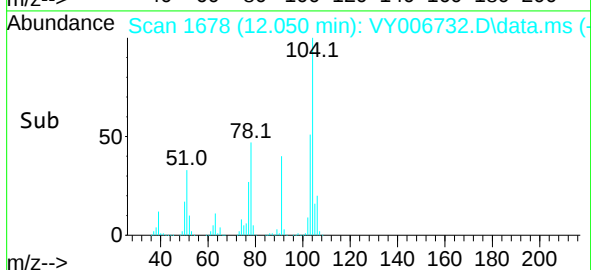
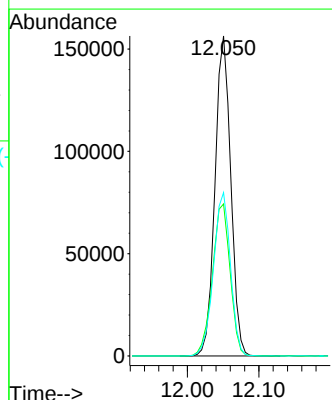
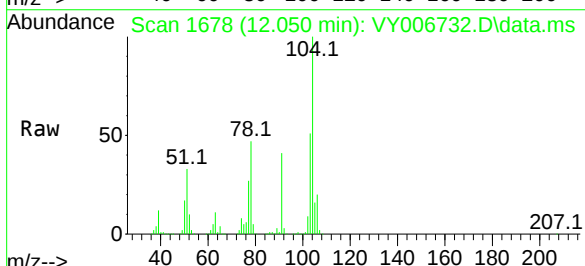
Tgt Ion:104 Resp: 239618

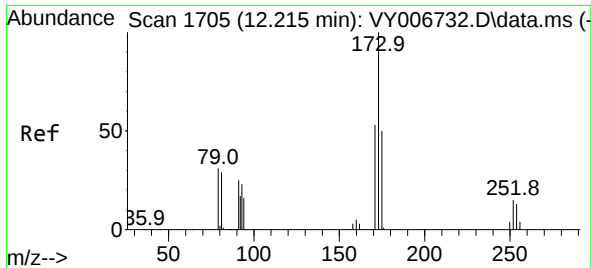
Ion Ratio Lower Upper

104 100

78 53.4 42.6 63.8

103 55.1 44.6 67.0

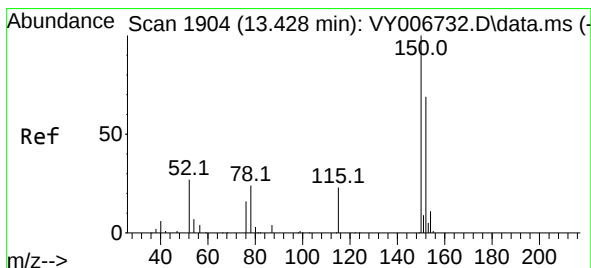
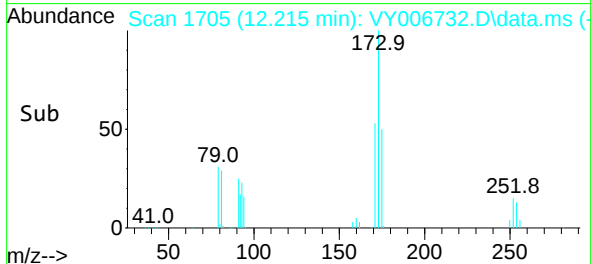
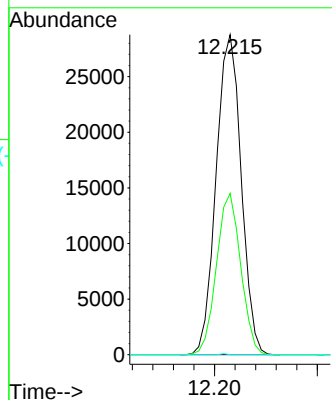
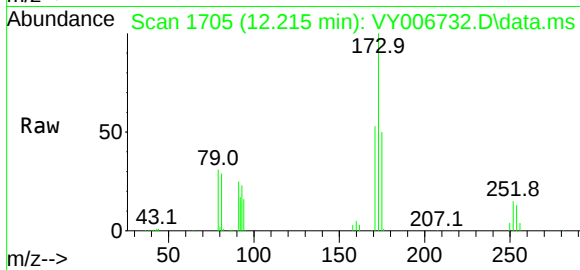




#71  
Bromoform  
Concen: 53.510 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

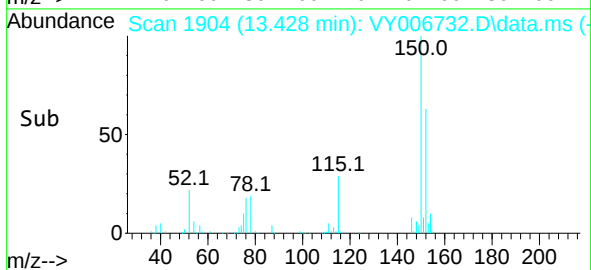
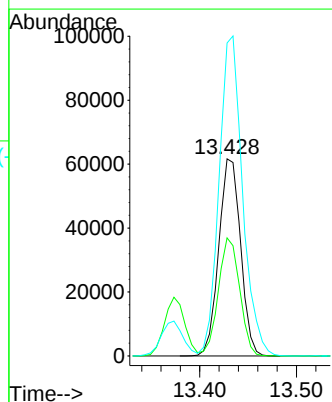
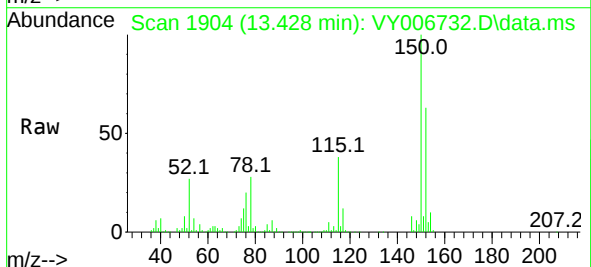
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

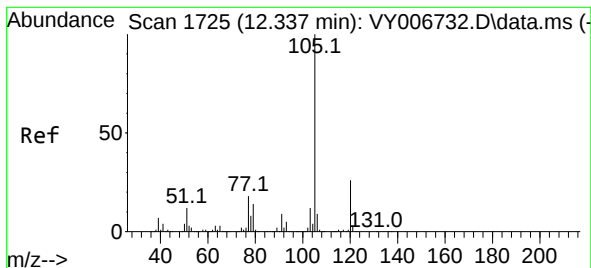
Tgt Ion:173 Resp: 48615  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.8 74.3  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion:152 Resp: 96357  
Ion Ratio Lower Upper  
152 100  
115 58.7 28.5 85.5  
150 175.1 0.0 348.2





#73

Isopropylbenzene

Concen: 51.105 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

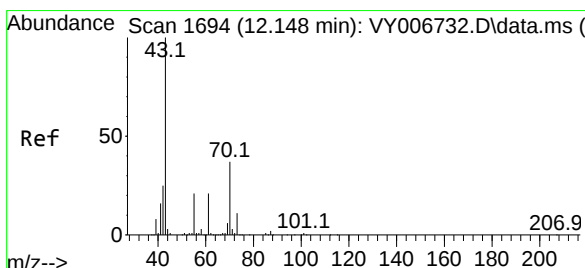
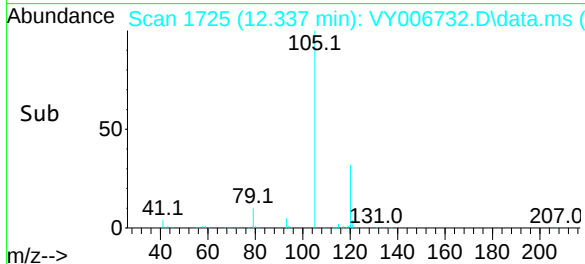
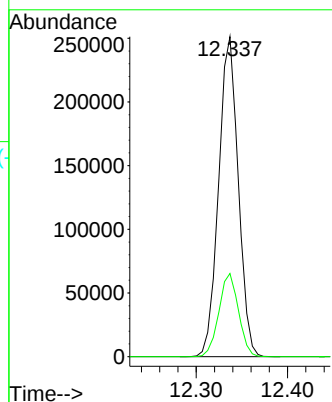
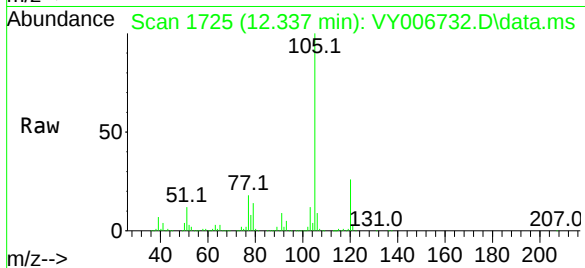
VSTDICCC050

Tgt Ion:105 Resp: 375003

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.9



#74

N-ethyl acetate

Concen: 55.679 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Tgt Ion: 43 Resp: 149047

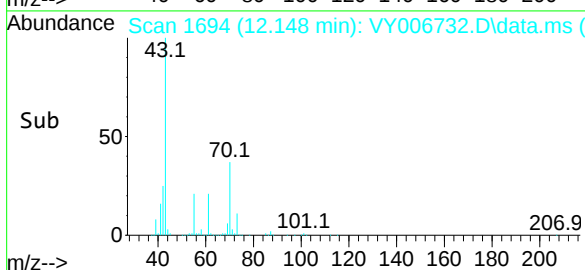
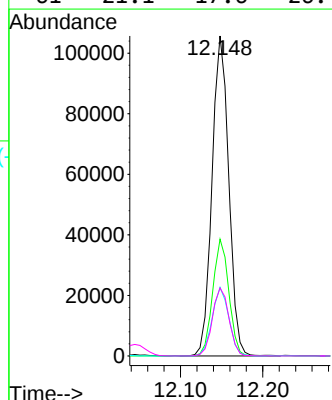
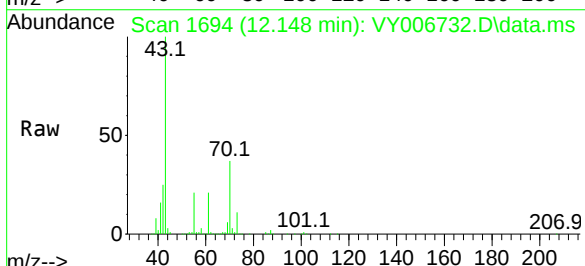
Ion Ratio Lower Upper

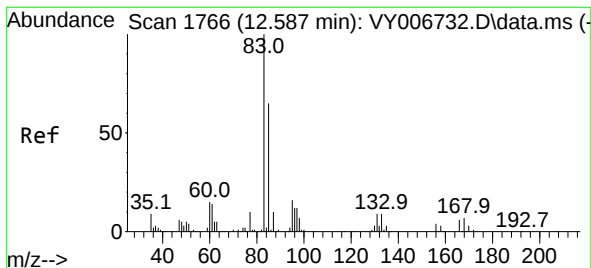
43 100

70 35.2 29.4 44.0

55 21.3 18.1 27.1

61 21.1 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 57.659 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

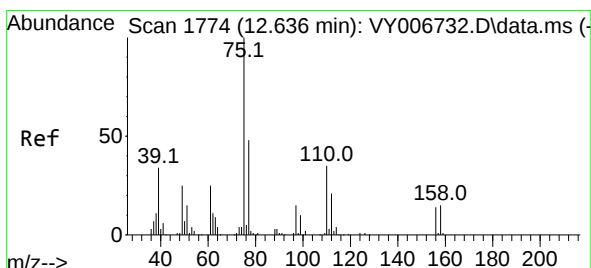
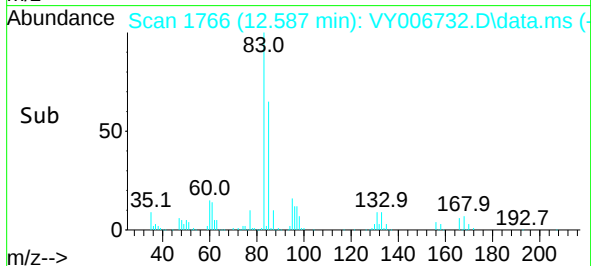
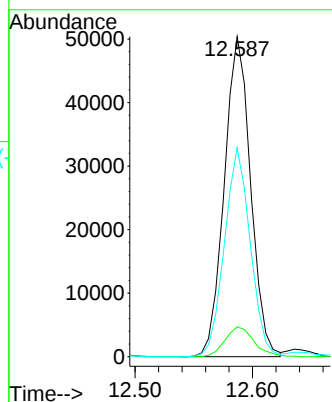
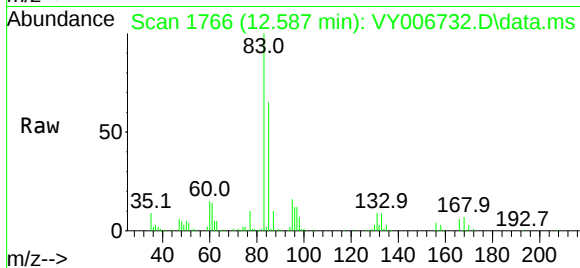
Tgt Ion: 83 Resp: 78281

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

85 64.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 167.711 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY006732.D

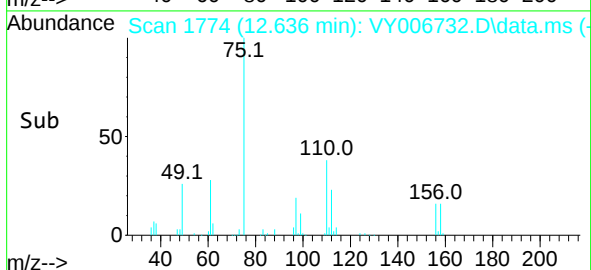
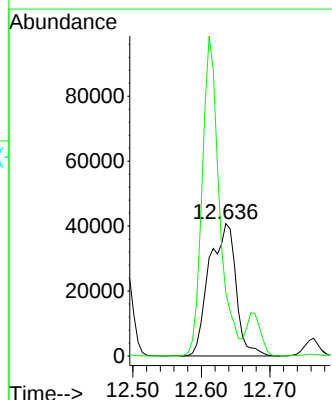
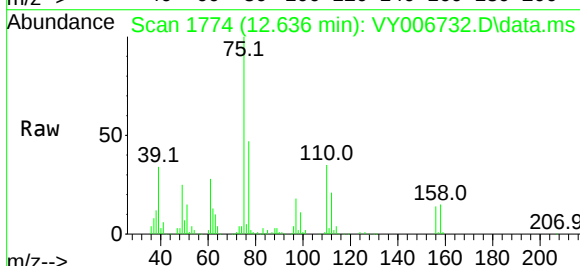
Acq: 15 Nov 2021 13:22

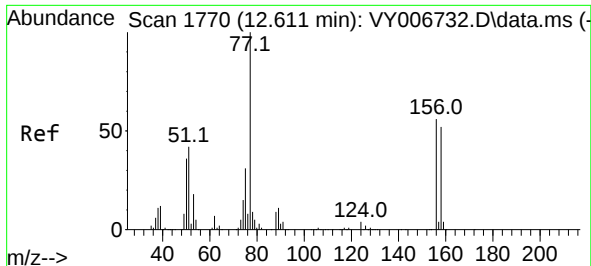
Tgt Ion: 75 Resp: 110633

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

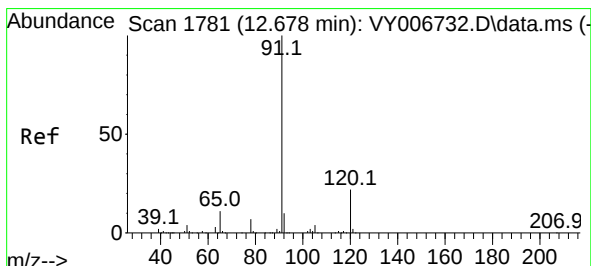
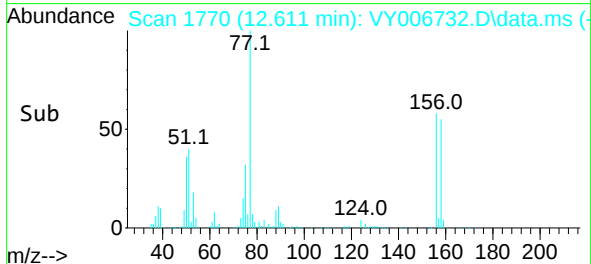
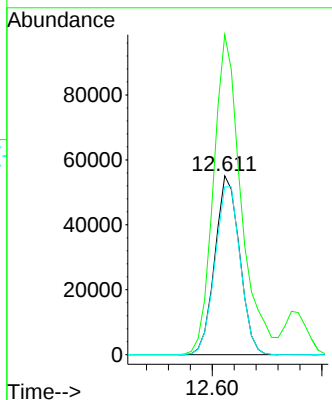
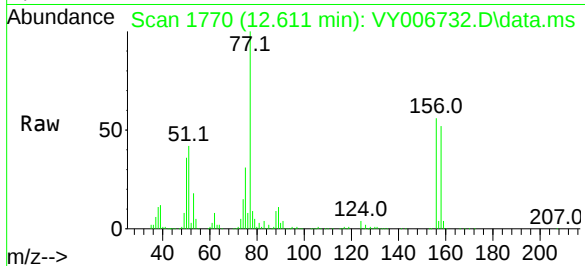




#77  
Bromobenzene  
Concen: 51.510 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

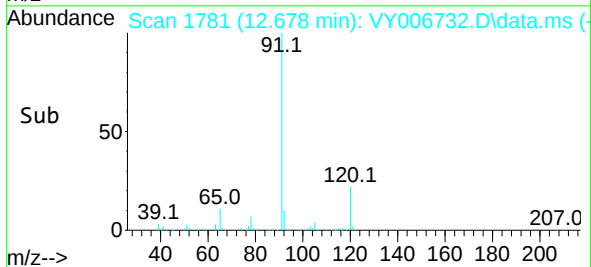
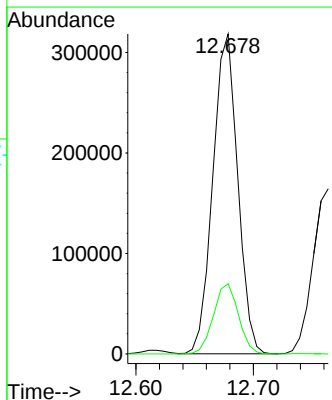
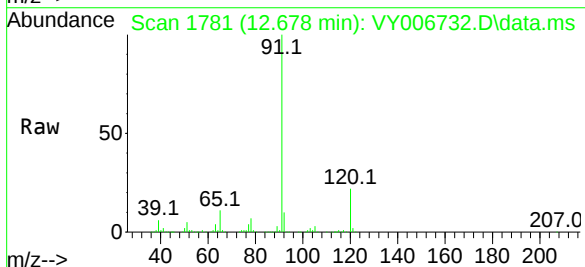
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

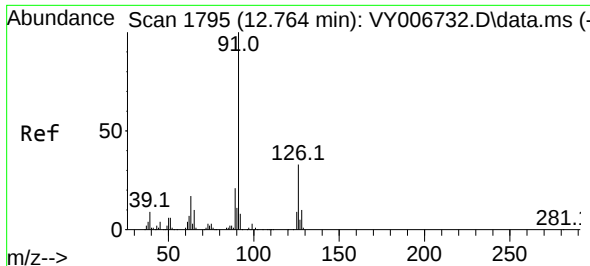
Tgt Ion:156 Resp: 86080  
Ion Ratio Lower Upper  
156 100  
77 201.6 94.2 282.4  
158 97.1 48.6 145.8



#78  
n-propylbenzene  
Concen: 52.296 ug/l  
RT: 12.678 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 91 Resp: 467809  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.3 33.8

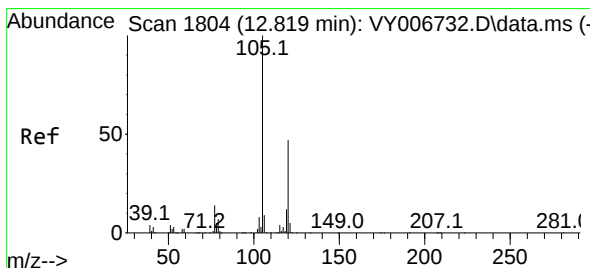
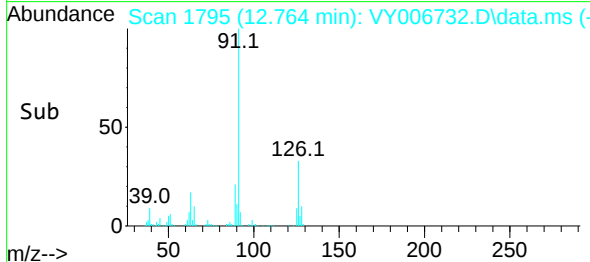
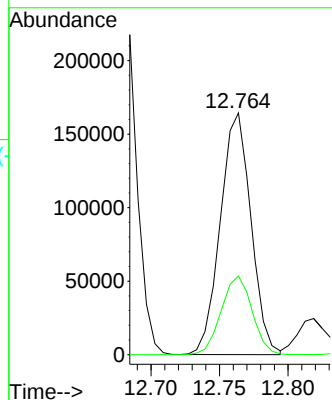
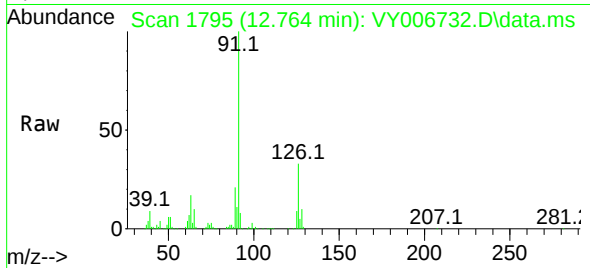




#79  
2-Chlorotoluene  
Concen: 52.303 ug/l  
RT: 12.764 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

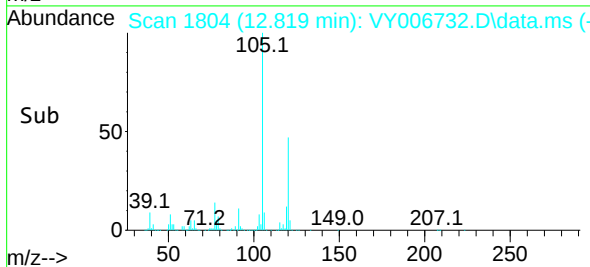
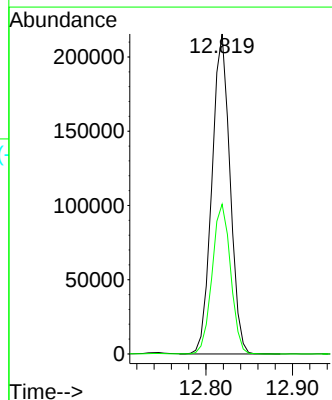
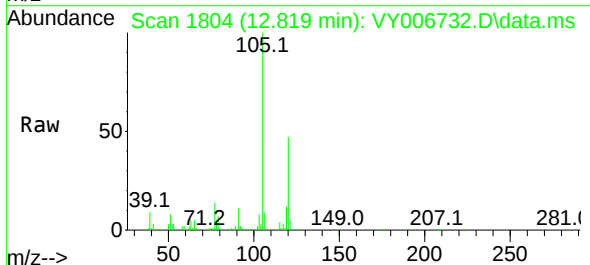
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

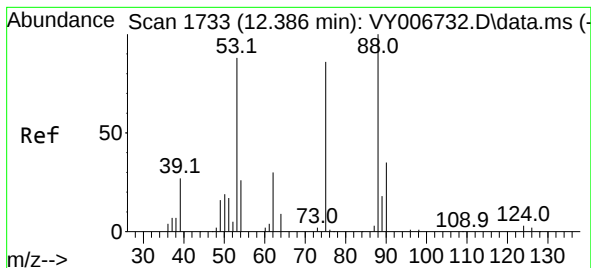
Tgt Ion: 91 Resp: 256030  
Ion Ratio Lower Upper  
91 100  
126 32.7 17.1 51.2



#80  
1,3,5-Trimethylbenzene  
Concen: 51.979 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 105 Resp: 312606  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.1 72.4

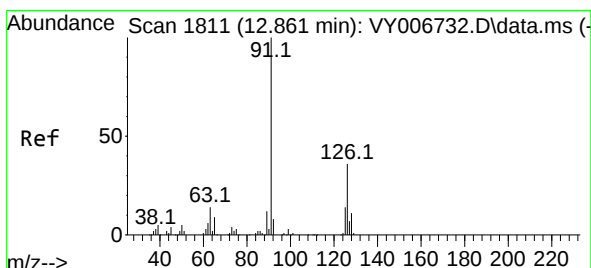
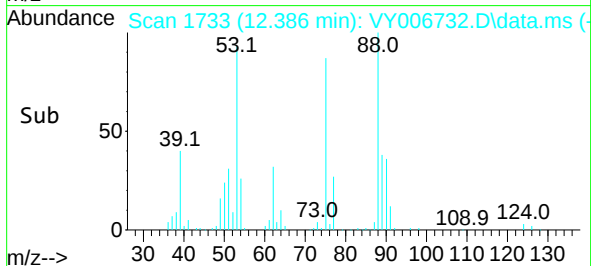
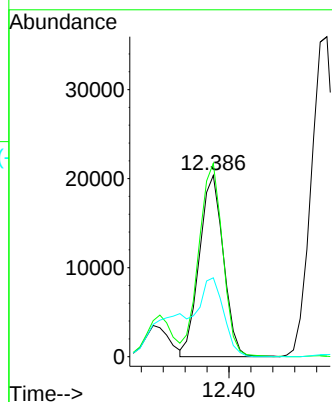
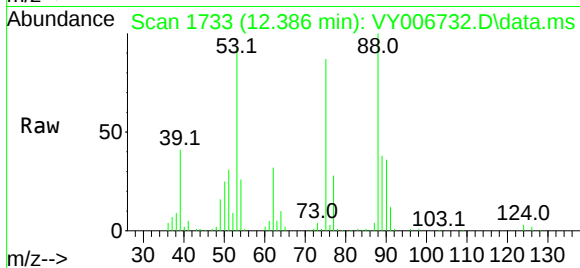




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.761 ug/l  
RT: 12.386 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

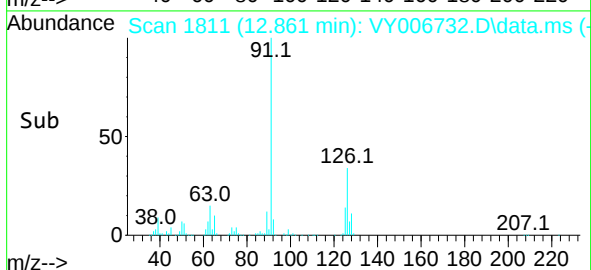
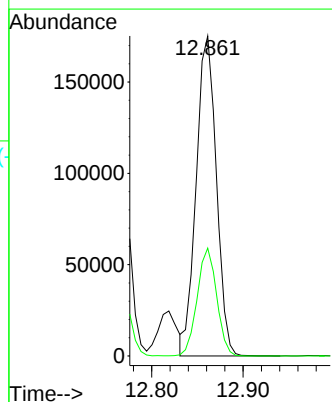
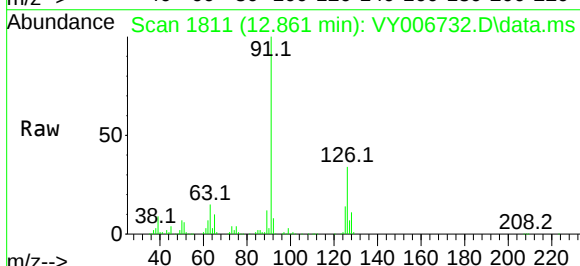
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

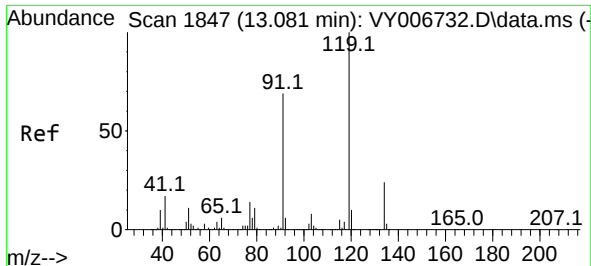
Tgt Ion: 75 Resp: 31067  
Ion Ratio Lower Upper  
75 100  
53 105.9 85.8 128.6  
89 46.7 39.3 58.9



#82  
4-Chlorotoluene  
Concen: 52.436 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 91 Resp: 268321  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.8 50.4

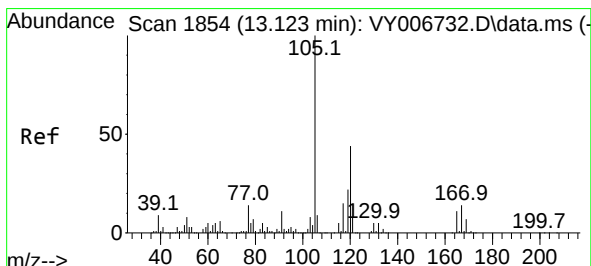
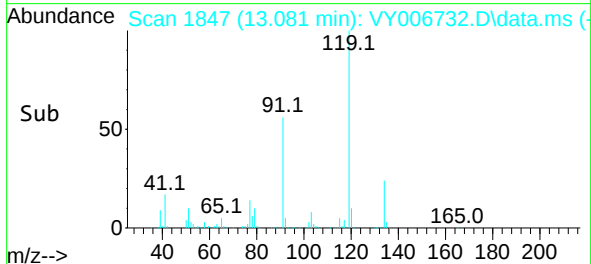
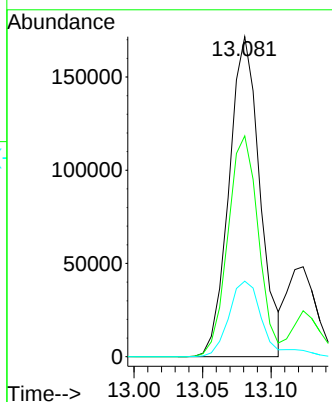
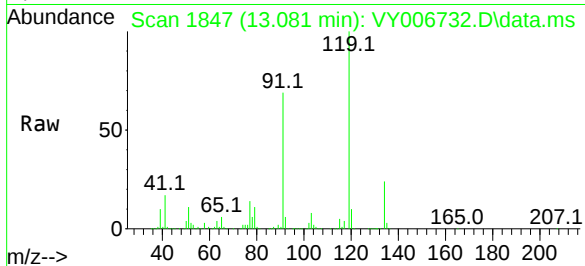




#83  
tert-Butylbenzene  
Concen: 51.541 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

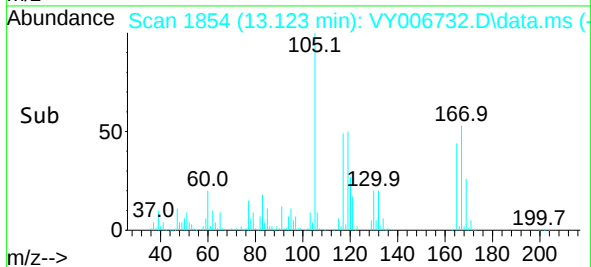
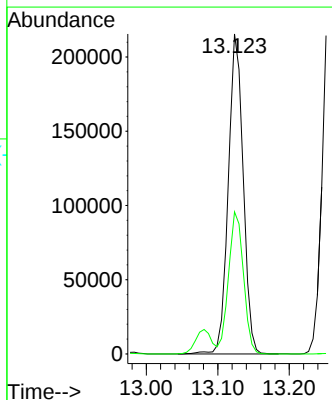
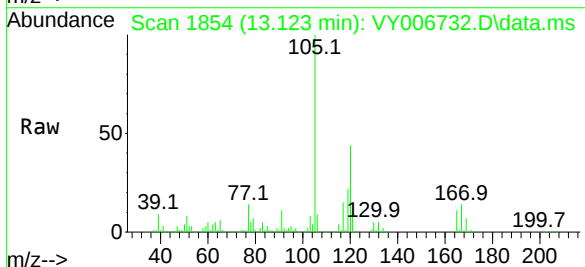
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

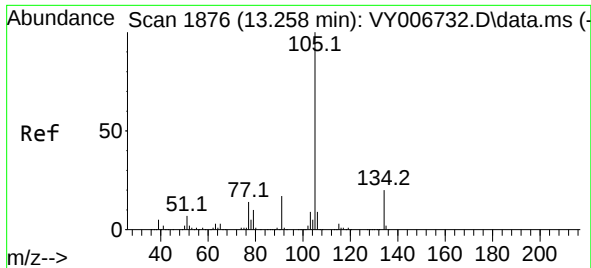
Tgt Ion:119 Resp: 269224  
Ion Ratio Lower Upper  
119 100  
91 68.1 34.8 104.5  
134 26.0 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 51.850 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion:105 Resp: 311330  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.6 67.8

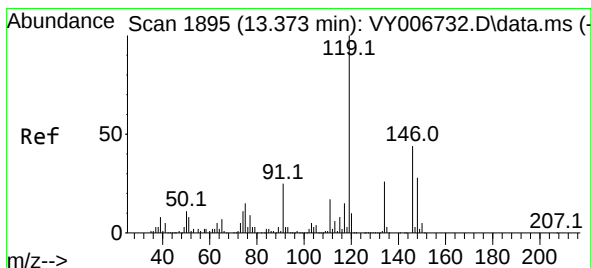
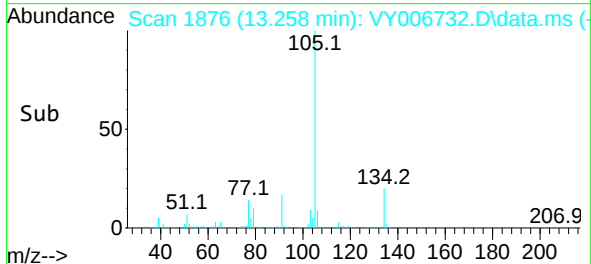
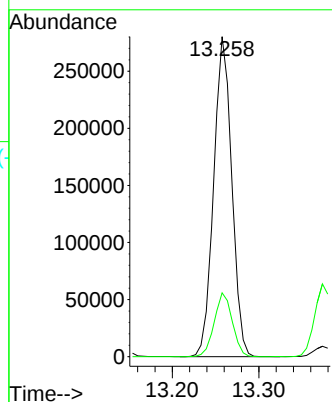
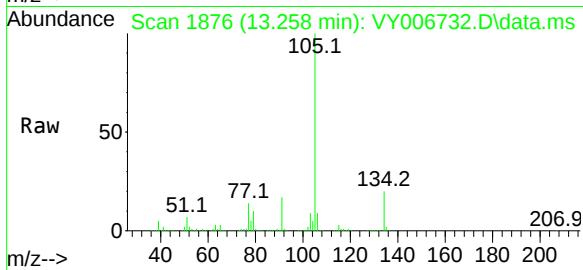




#85  
 sec-Butylbenzene  
 Concen: 52.292 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

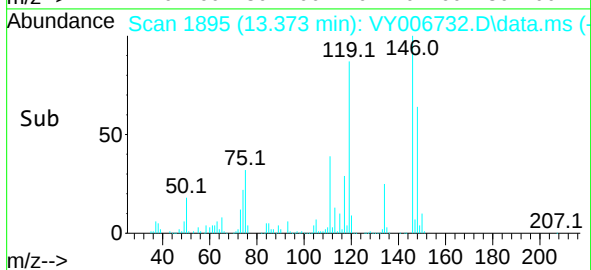
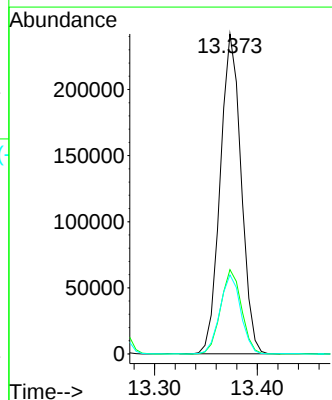
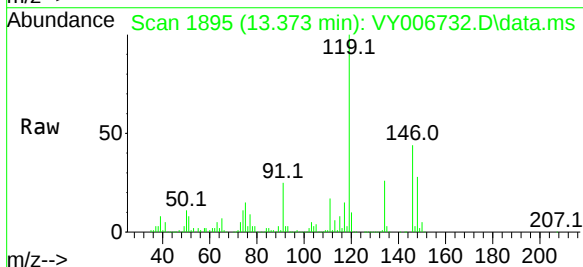
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

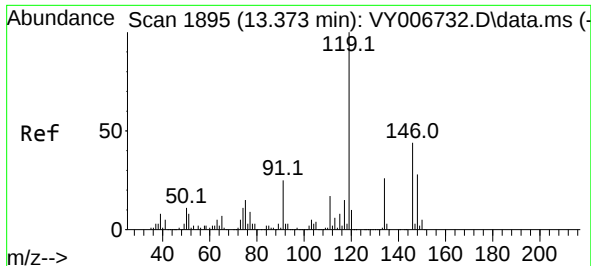
Tgt Ion:105 Resp: 406767  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 51.797 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

Tgt Ion:119 Resp: 341080  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.1 39.1  
 91 24.8 12.4 37.4

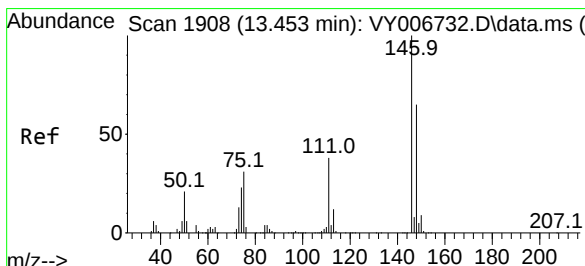
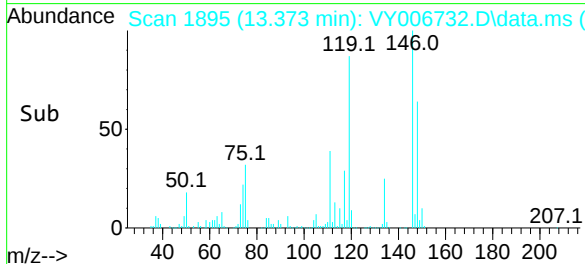
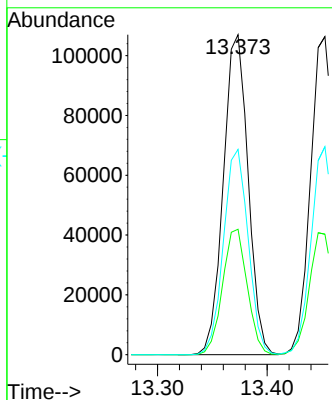
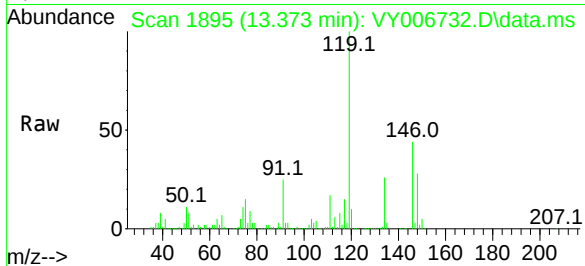




#87  
1,3-Dichlorobenzene  
Concen: 50.547 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

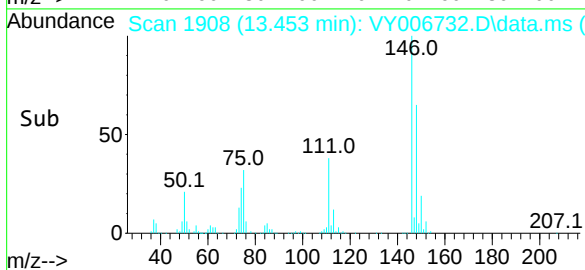
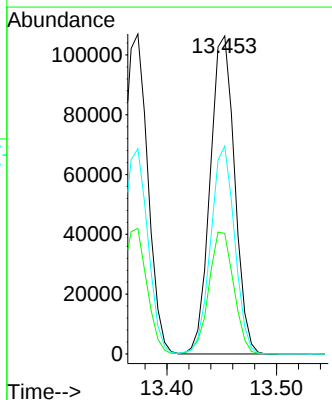
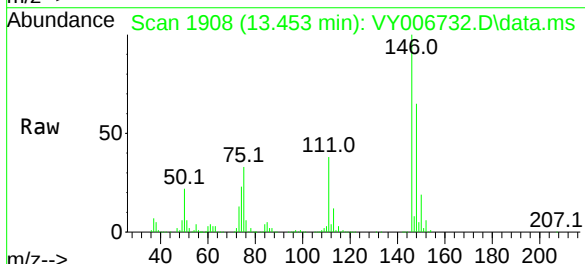
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

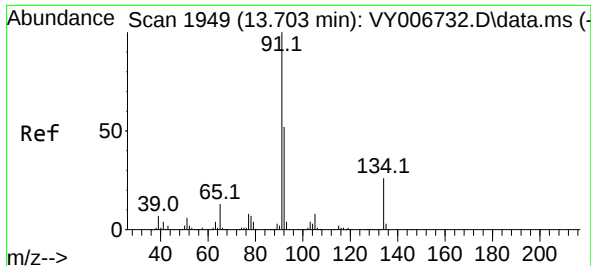
Tgt Ion:146 Resp: 168224  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.3 57.9  
148 64.0 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 50.268 ug/l  
RT: 13.453 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion:146 Resp: 165092  
Ion Ratio Lower Upper  
146 100  
111 38.9 18.9 56.5  
148 64.0 32.0 96.2

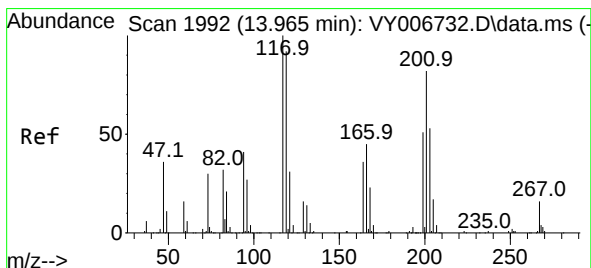
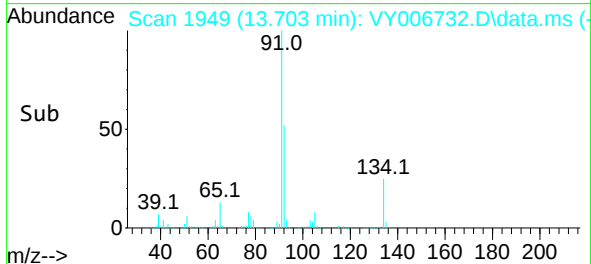
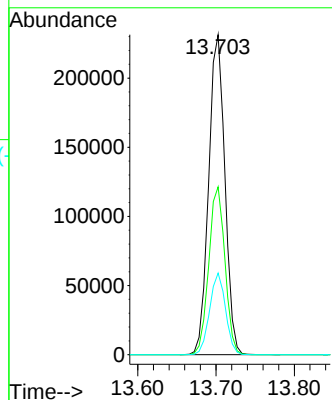
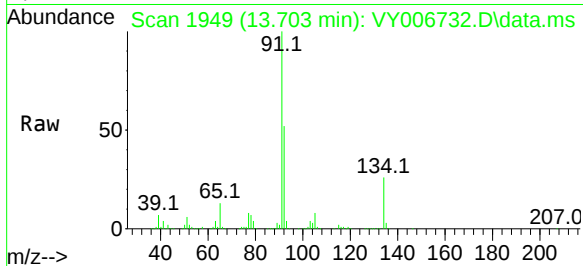




#89  
n-Butylbenzene  
Concen: 53.455 ug/l  
RT: 13.703 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

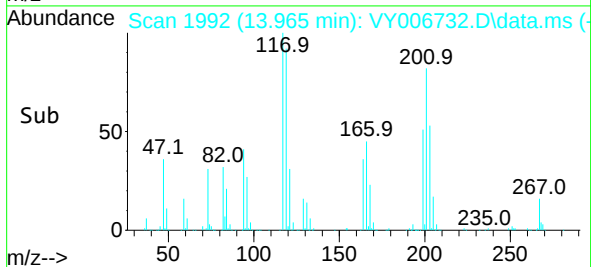
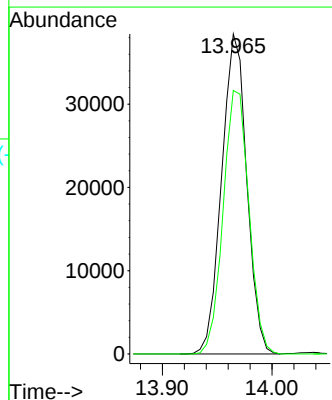
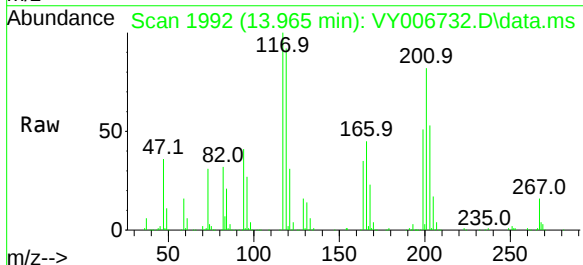
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

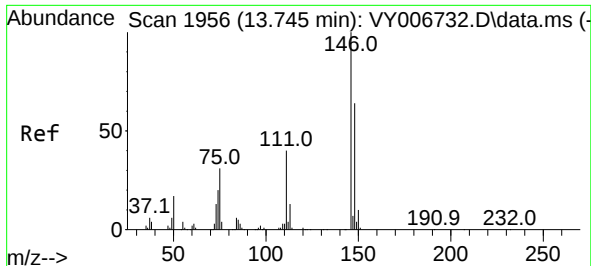
Tgt Ion: 91 Resp: 332141  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.3 78.9  
134 25.0 12.9 38.7



#90  
Hexachloroethane  
Concen: 51.493 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY006732.D  
Acq: 15 Nov 2021 13:22

Tgt Ion: 117 Resp: 61108  
Ion Ratio Lower Upper  
117 100  
201 84.4 43.4 130.1

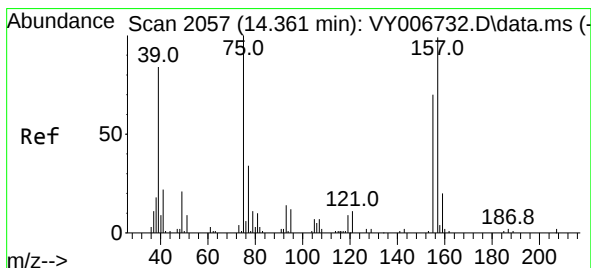
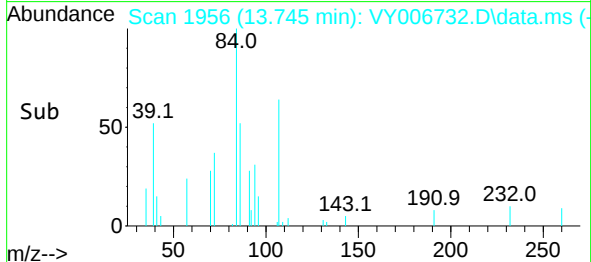
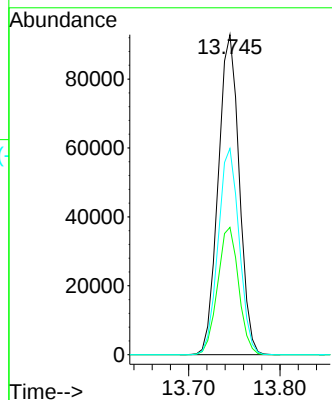
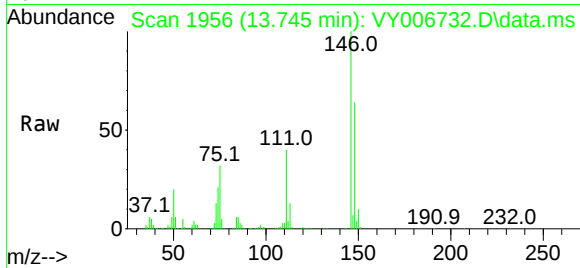




#91  
 1,2-Dichlorobenzene  
 Concen: 51.802 ug/l  
 RT: 13.745 min Scan# 1956  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

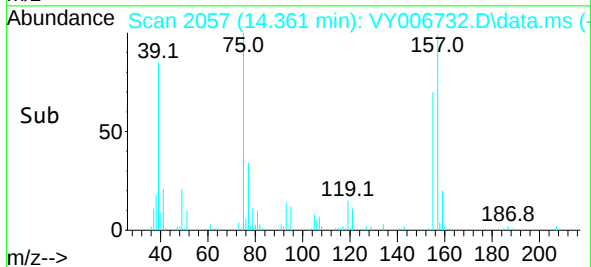
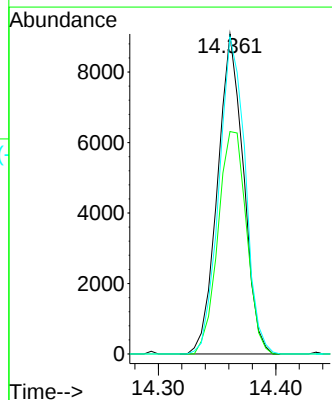
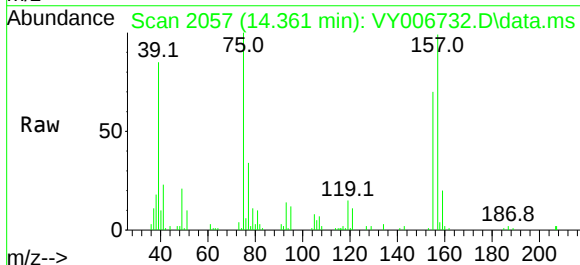
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

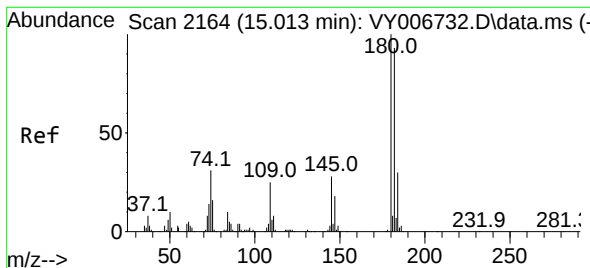
Tgt Ion:146 Resp: 148581  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 20.1 60.3  
 148 64.6 31.9 95.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 57.956 ug/l  
 RT: 14.361 min Scan# 2057  
 Delta R.T. 0.000 min  
 Lab File: VY006732.D  
 Acq: 15 Nov 2021 13:22

Tgt Ion: 75 Resp: 13909  
 Ion Ratio Lower Upper  
 75 100  
 155 76.1 39.0 116.9  
 157 99.8 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 50.860 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

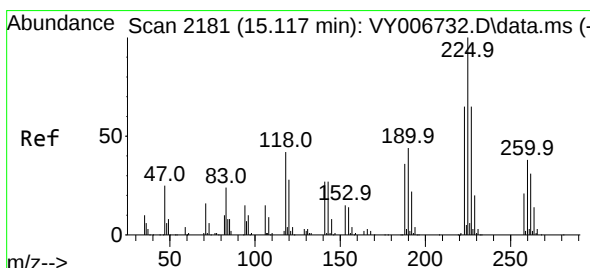
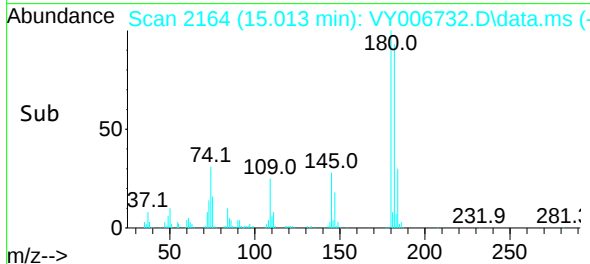
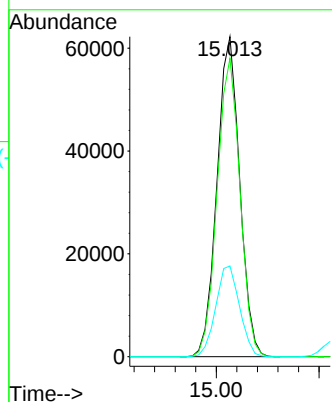
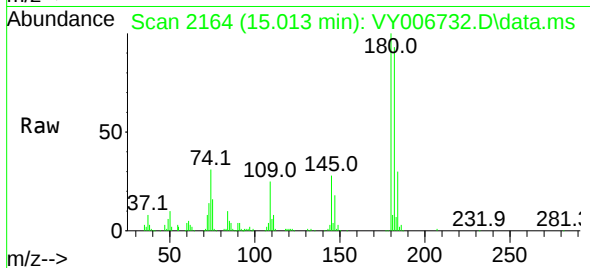
Tgt Ion:180 Resp: 95435

Ion Ratio Lower Upper

180 100

182 93.7 47.1 141.4

145 29.7 14.5 43.6



#94

Hexachlorobutadiene

Concen: 48.958 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

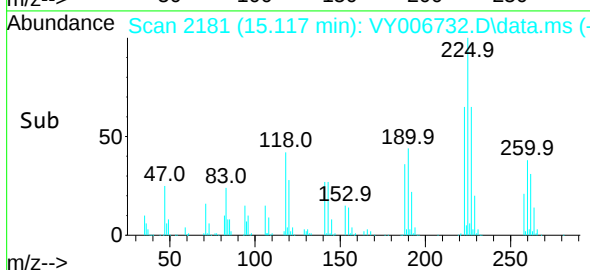
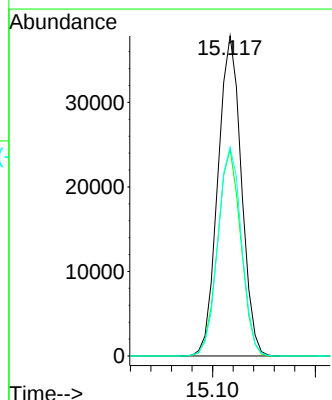
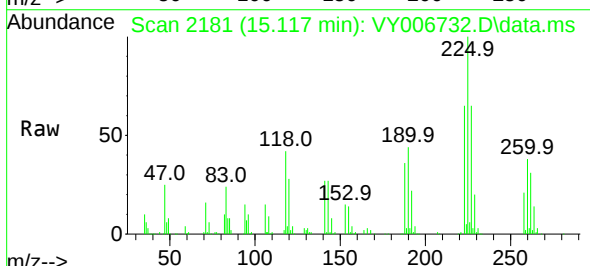
Tgt Ion:225 Resp: 59942

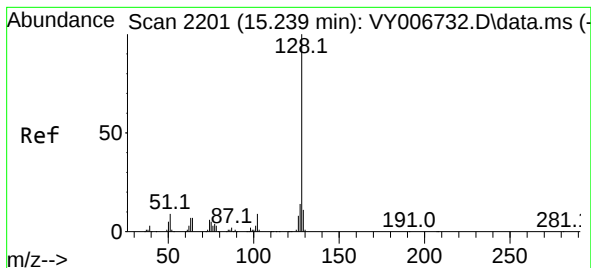
Ion Ratio Lower Upper

225 100

223 63.8 31.6 94.7

227 65.5 31.9 95.9





#95

Naphthalene

Concen: 56.396 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

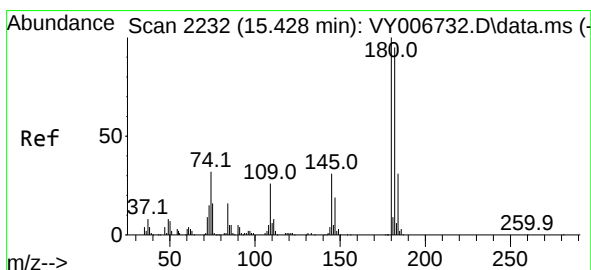
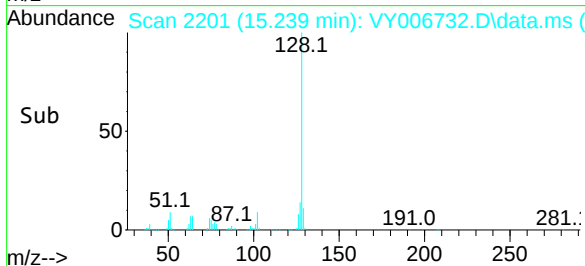
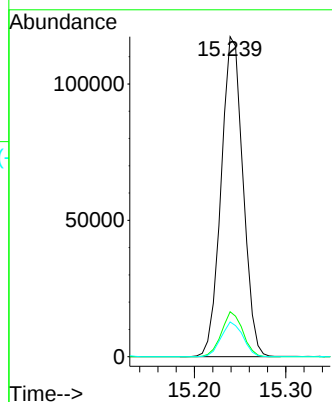
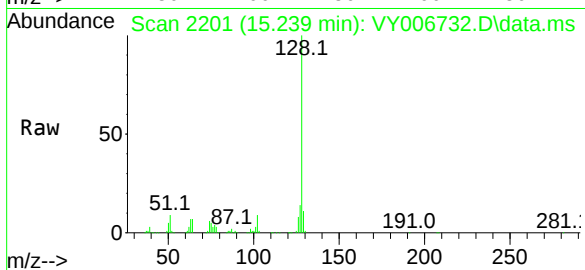
Tgt Ion:128 Resp: 195759

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 52.284 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY006732.D

Acq: 15 Nov 2021 13:22

Tgt Ion:180 Resp: 81752

Ion Ratio Lower Upper

180 100

182 96.4 47.8 143.4

145 30.8 15.3 45.8

