

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011322\  
 Data File : VY007139.D  
 Acq On : 13 Jan 2022 12:47  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jan 14 05:27:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:26:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 137356   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 229368   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 204590   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 91444    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 82787    | 49.886   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.780%  |
| 35) Dibromofluoromethane    | 7.715  | 113   | 77743    | 50.319   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.640% |
| 50) Toluene-d8              | 10.178 | 98    | 282959   | 49.671   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 99.340%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 99351    | 48.452   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 96.900%  |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.918 | 85  | 24467  | 51.781  | ug/l | 99  |
| 3) Chloromethane             | 2.113 | 50  | 46510  | 46.831  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.259 | 62  | 74203  | 51.279  | ug/l | 98  |
| 5) Bromomethane              | 2.661 | 94  | 50613  | 52.562  | ug/l | 95  |
| 6) Chloroethane              | 2.802 | 64  | 47030  | 52.894  | ug/l | 97  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 79640  | 45.992  | ug/l | 98  |
| 8) Diethyl Ether             | 3.533 | 74  | 44979  | 51.837  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 77962  | 51.173  | ug/l | 97  |
| 10) Methyl Iodide            | 4.094 | 142 | 116168 | 49.652  | ug/l | 99  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 34931  | 263.848 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 76996  | 49.196  | ug/l | 97  |
| 13) Acrolein                 | 3.734 | 56  | 7883   | 181.219 | ug/l | 93  |
| 14) Allyl chloride           | 4.478 | 41  | 125934 | 52.374  | ug/l | 97  |
| 15) Acrylonitrile            | 5.167 | 53  | 108247 | 270.956 | ug/l | 99  |
| 16) Acetone                  | 3.948 | 43  | 110851 | 334.447 | ug/l | 99  |
| 17) Carbon Disulfide         | 4.198 | 76  | 214553 | 48.140  | ug/l | 100 |
| 18) Methyl Acetate           | 4.472 | 43  | 73587  | 51.213  | ug/l | 96  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 155843 | 50.080  | ug/l | 97  |
| 20) Methylene Chloride       | 4.710 | 84  | 84262  | 45.546  | ug/l | 95  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 84003  | 49.616  | ug/l | 98  |
| 22) Diisopropyl ether        | 6.118 | 45  | 258974 | 52.866  | ug/l | 98  |
| 23) Vinyl Acetate            | 6.063 | 43  | 786964 | 276.832 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 155618 | 52.228  | ug/l | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 143953 | 291.775 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 111308 | 48.623  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 96359  | 50.493  | ug/l | 97  |
| 28) Bromochloromethane       | 7.331 | 49  | 62110  | 56.376  | ug/l | 96  |
| 29) Tetrahydrofuran          | 7.343 | 42  | 92480  | 268.741 | ug/l | 99  |
| 30) Chloroform               | 7.508 | 83  | 162287 | 51.807  | ug/l | 94  |
| 31) Cyclohexane              | 7.789 | 56  | 135103 | 47.819  | ug/l | 98  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 138128 | 50.868  | ug/l | 98  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 123281 | 50.893  | ug/l | 100 |
| 37) Ethyl Acetate            | 7.075 | 43  | 66047  | 54.899  | ug/l | 98  |
| 38) Carbon Tetrachloride     | 7.898 | 117 | 130464 | 51.332  | ug/l | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 151851 | 50.219  | ug/l | 97  |
| 40) Benzene                  | 8.160 | 78  | 335480 | 51.284  | ug/l | 100 |

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 Sample : VSTDICCC050  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

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 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:26:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.343  | 41   | 88674    | 130.464  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 106730   | 53.121   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.276  | 43   | 127902   | 54.830   | ug/l   | 98       |
| 44) Trichloroethene           | 8.941  | 130  | 91385    | 50.527   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 84967    | 52.203   | ug/l   | 95       |
| 46) Dibromomethane            | 9.307  | 93   | 50706    | 52.336   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 125803   | 51.991   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.294  | 41   | 56633    | 54.279   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.300  | 88   | 11625    | 1148.862 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 324018   | 281.238  | ug/l   | 98       |
| 52) Toluene                   | 10.245 | 92   | 216266   | 51.759   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 135076   | 53.315   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.928  | 75   | 150035   | 52.590   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 69106    | 52.446   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 98373    | 53.268   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 120413   | 52.159   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 213967   | 253.787  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 216782   | 288.119  | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.983 | 129  | 85631    | 52.182   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 68953    | 52.289   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 72669    | 49.852   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 227465   | 51.511   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 86001    | 52.382   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 425182   | 51.292   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.702 | 106  | 317235   | 102.262  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 148204   | 51.078   | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 256051   | 52.164   | ug/l   | 99       |
| 71) Bromoform                 | 12.208 | 173  | 49805    | 53.025   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.330 | 105  | 400310   | 51.314   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.141 | 43   | 109415   | 54.633   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.580 | 83   | 78523    | 52.655   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 105424   | 98.493   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 87328    | 50.834   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 492555   | 51.678   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 277151   | 51.142   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 327770   | 51.142   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 30050    | 53.667   | ug/l # | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 289849   | 51.790   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 285337   | 50.651   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 326371   | 51.700   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 423917   | 51.428   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 350305   | 51.795   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 169519   | 51.045   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 169251   | 51.058   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 344051   | 52.157   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 69278    | 51.767   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 150710   | 51.549   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.354 | 75   | 13207    | 53.074   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 91356    | 52.524   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.110 | 225  | 46120    | 51.429   | ug/l   | 98       |
| 95) Naphthalene               | 15.238 | 128  | 193958   | 53.265   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.421 | 180  | 77292    | 52.765   | ug/l   | 99       |

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Sample : VSTDICCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

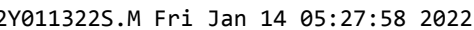
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

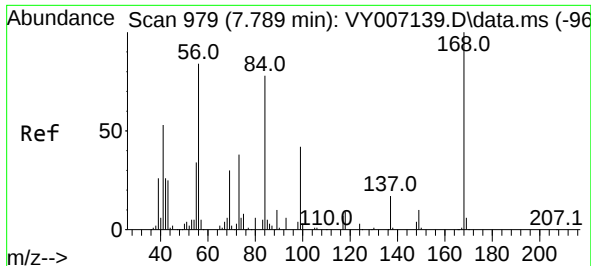
Quant Time: Jan 14 05:27:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:26:06 2022  
Response via : Initial Calibration

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

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

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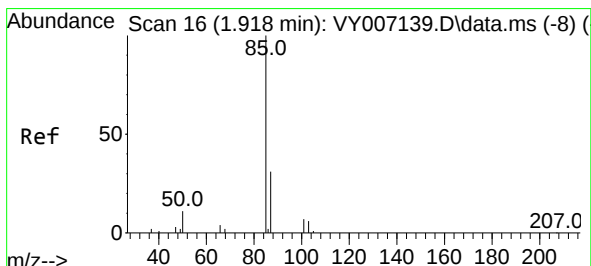
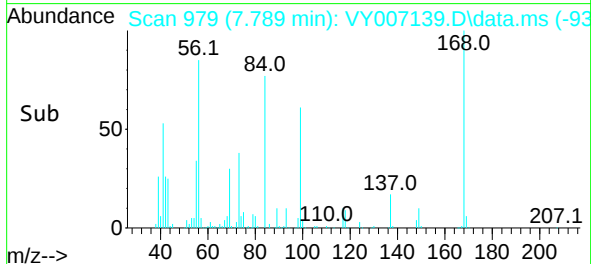
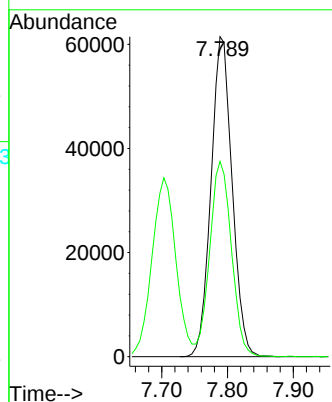
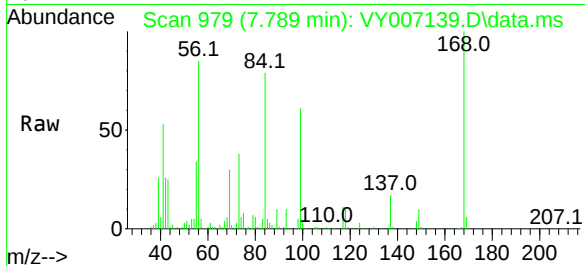




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

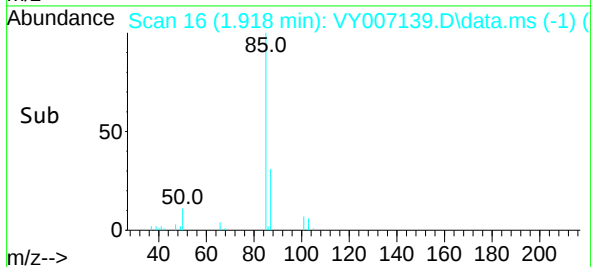
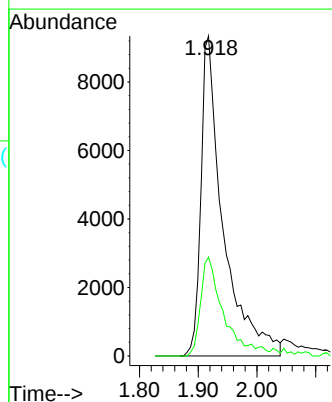
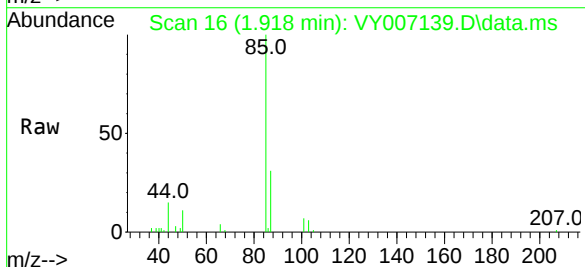
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

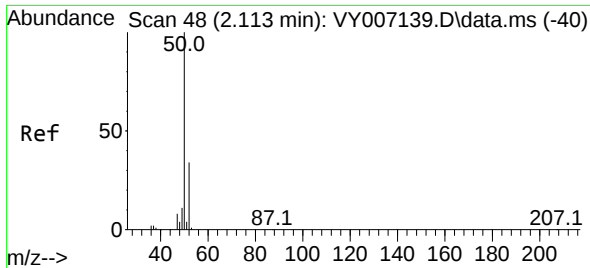
Tgt Ion:168 Resp: 137356  
Ion Ratio Lower Upper  
168 100  
99 61.0 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 51.781 ug/l  
RT: 1.918 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 85 Resp: 24467  
Ion Ratio Lower Upper  
85 100  
87 30.9 15.2 45.6

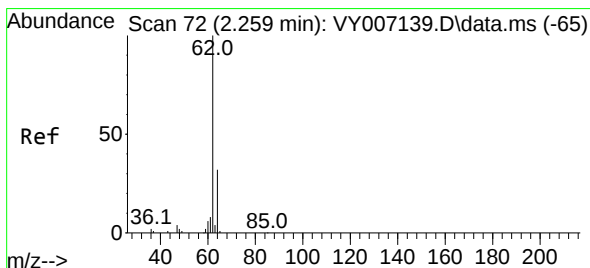
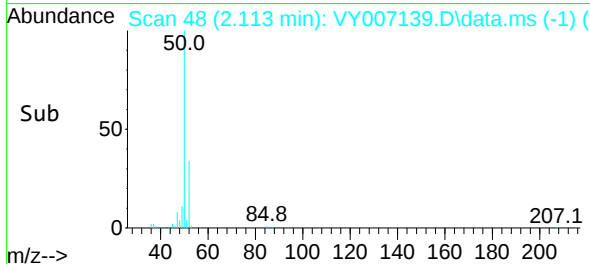
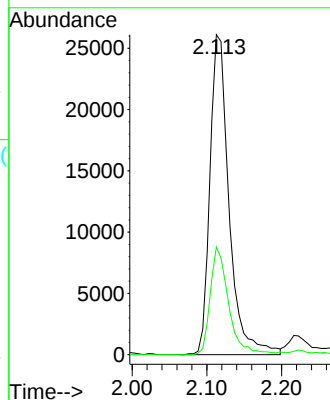
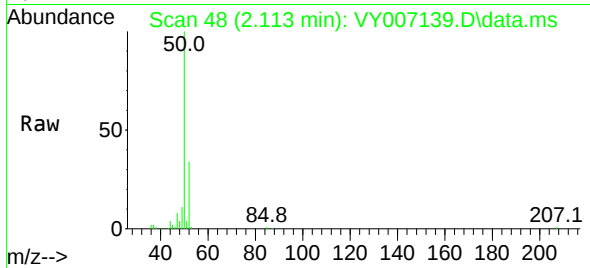




#3  
Chloromethane  
Concen: 46.831 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

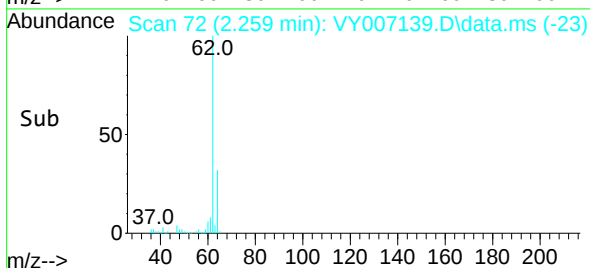
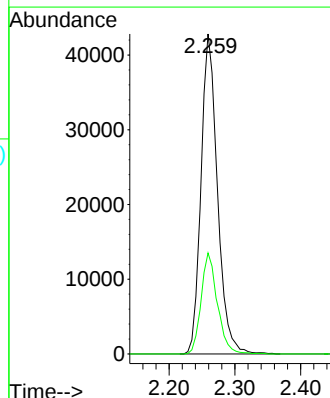
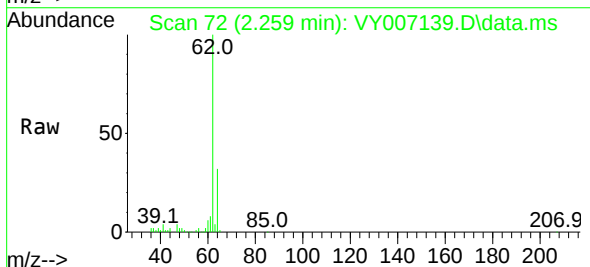
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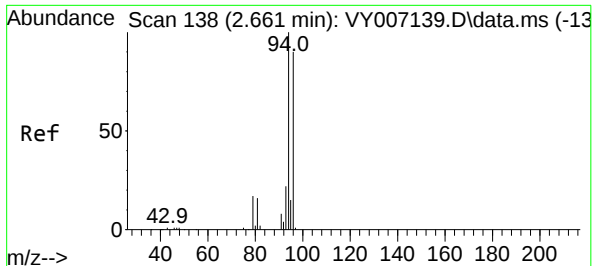
Tgt Ion: 50 Resp: 46510  
Ion Ratio Lower Upper  
50 100  
52 33.7 27.1 40.7



#4  
Vinyl Chloride  
Concen: 51.279 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 62 Resp: 74203  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.1 39.1

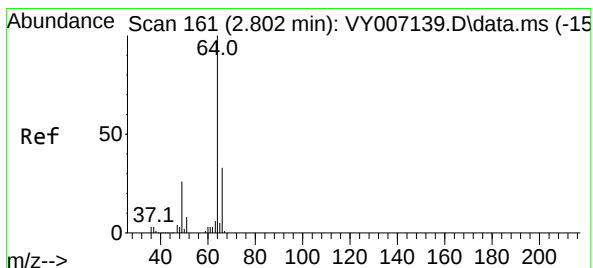
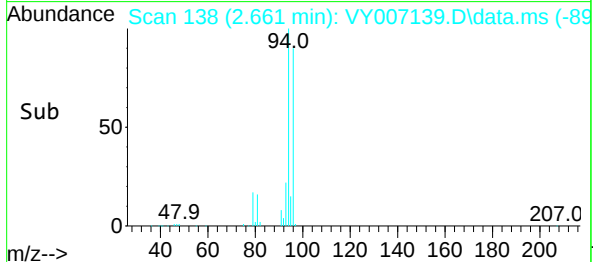
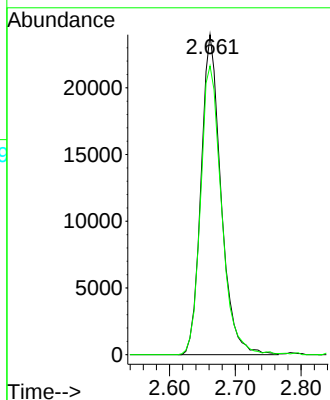
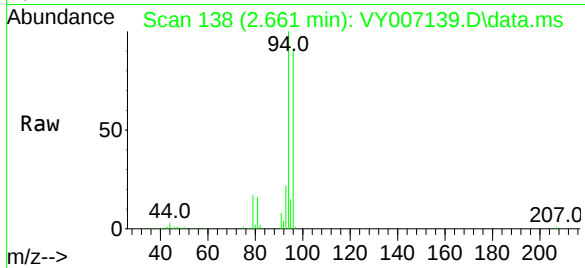




#5  
Bromomethane  
Concen: 52.562 ug/l  
RT: 2.661 min Scan# 138  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

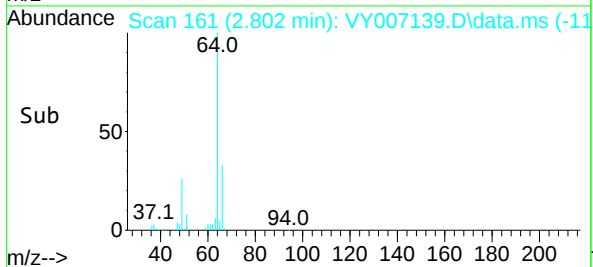
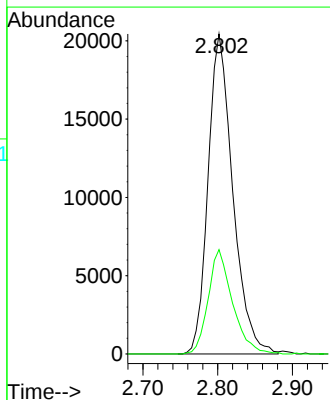
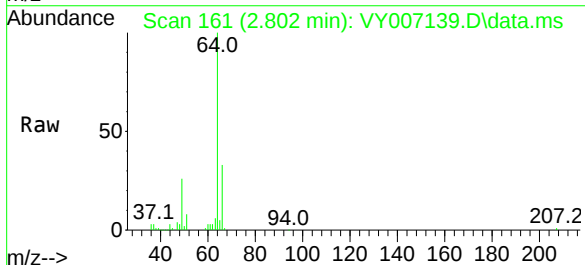
Instrument :  
MSVOA\_Y  
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VSTDICCC050

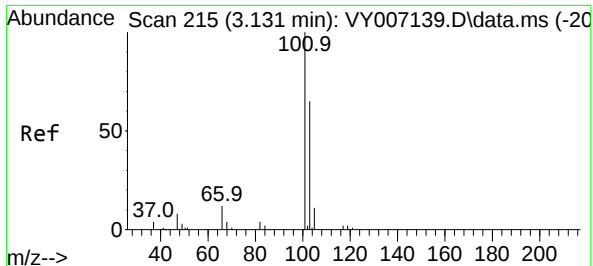
Tgt Ion: 94 Resp: 50613  
Ion Ratio Lower Upper  
94 100  
96 90.2 75.8 113.6



#6  
Chloroethane  
Concen: 52.894 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 64 Resp: 47030  
Ion Ratio Lower Upper  
64 100  
66 32.6 24.8 37.2

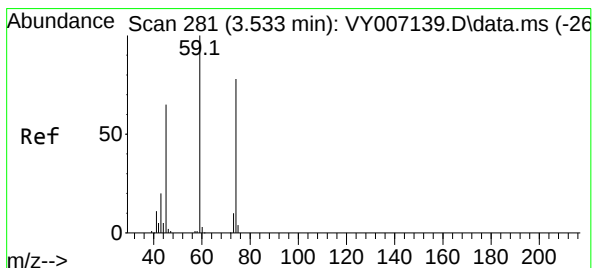
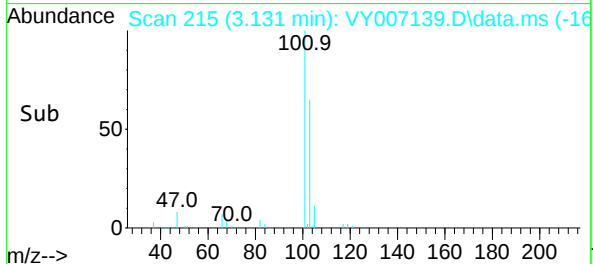
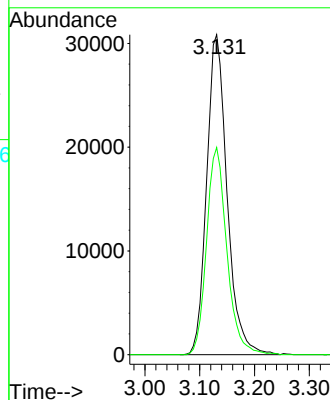
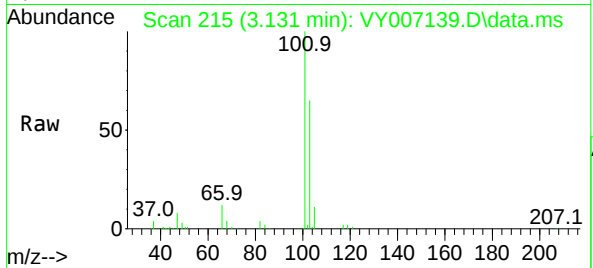




#7  
 Trichlorofluoromethane  
 Concen: 45.992 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

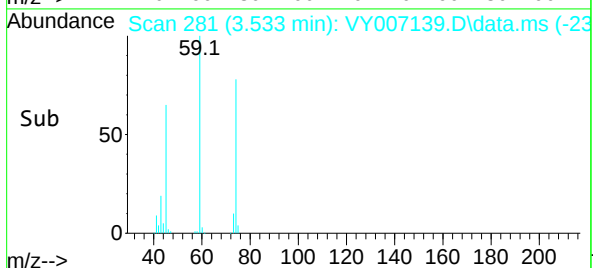
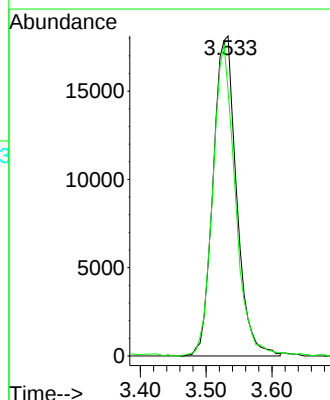
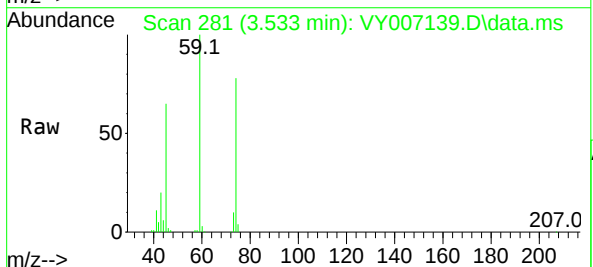
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

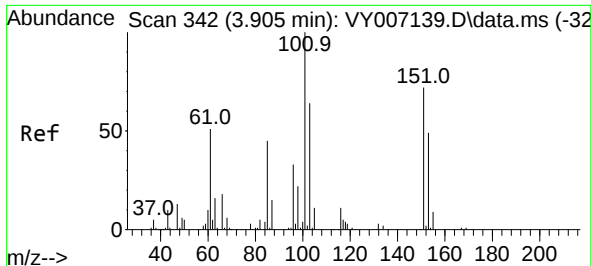
Tgt Ion: 101 Resp: 79640  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 51.837 ug/l  
 RT: 3.533 min Scan# 281  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

Tgt Ion: 74 Resp: 44979  
 Ion Ratio Lower Upper  
 74 100  
 45 93.9 46.1 138.3

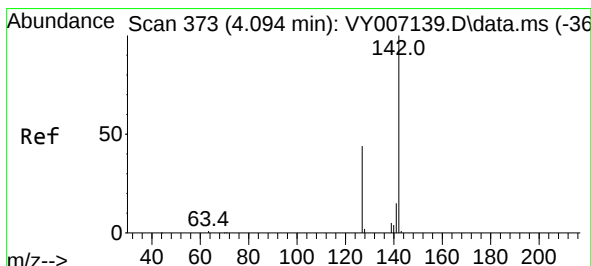
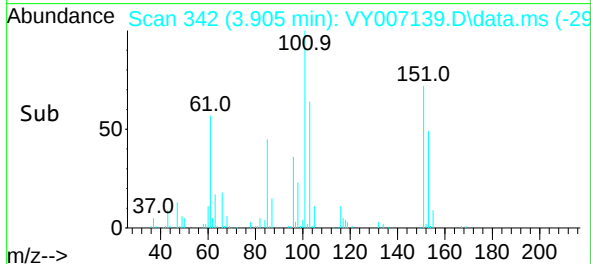
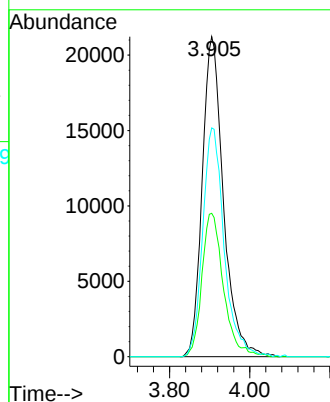
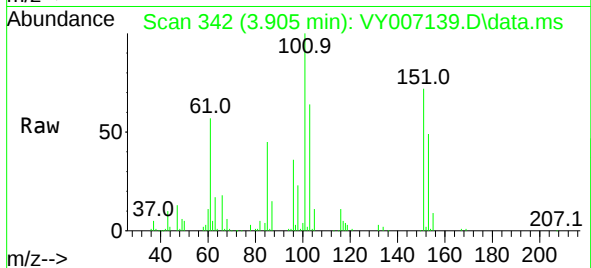




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.173 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

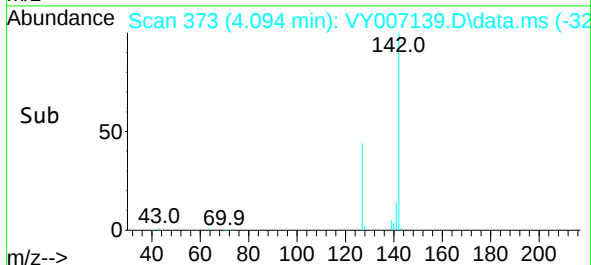
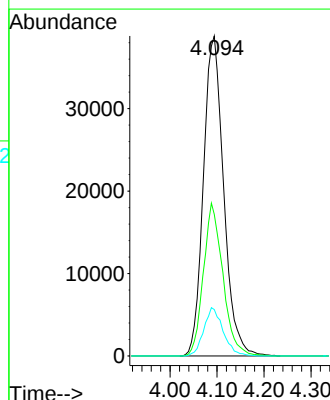
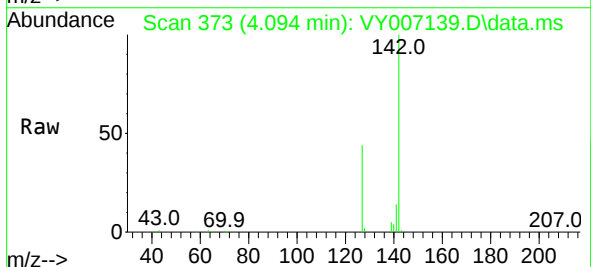
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

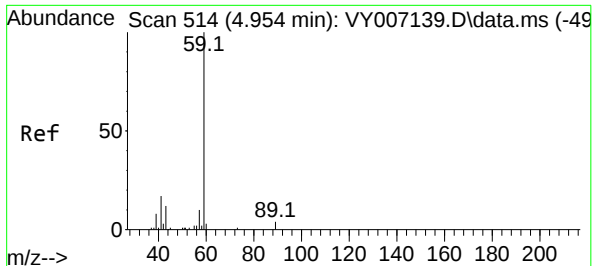
Tgt Ion:101 Resp: 77962  
Ion Ratio Lower Upper  
101 100  
85 45.5 35.4 53.0  
151 72.0 60.4 90.6



#10  
Methyl Iodide  
Concen: 49.652 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion:142 Resp: 116168  
Ion Ratio Lower Upper  
142 100  
127 45.9 36.2 54.4  
141 14.5 11.5 17.3

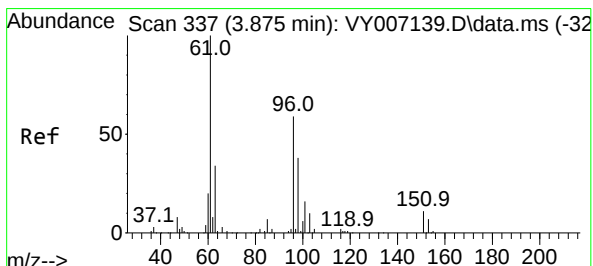
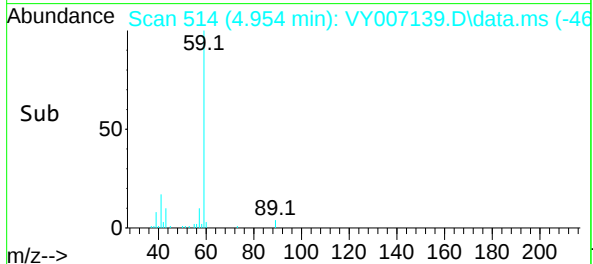
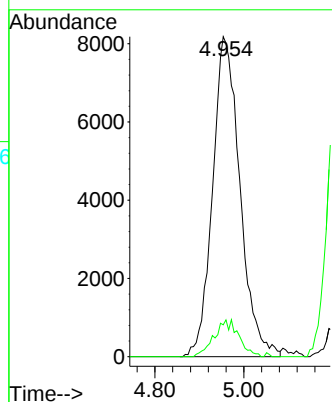
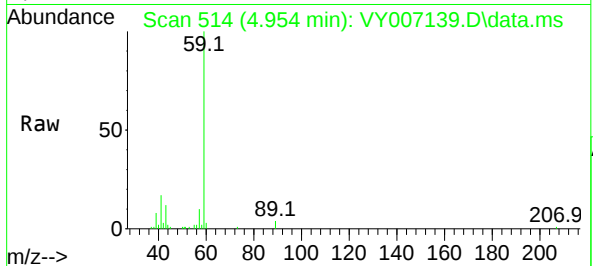




#11  
Tert butyl alcohol  
Concen: 263.848 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

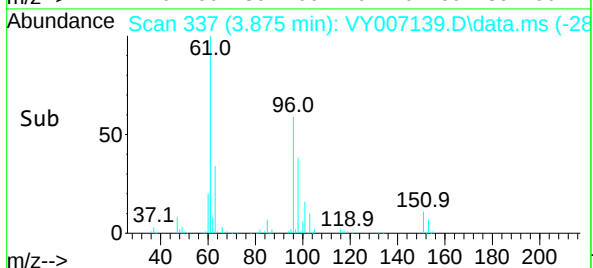
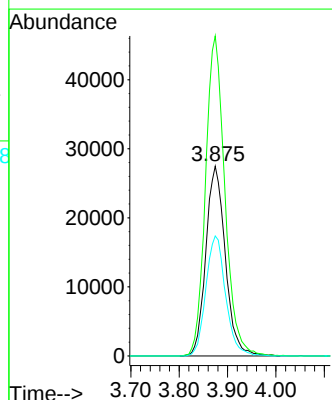
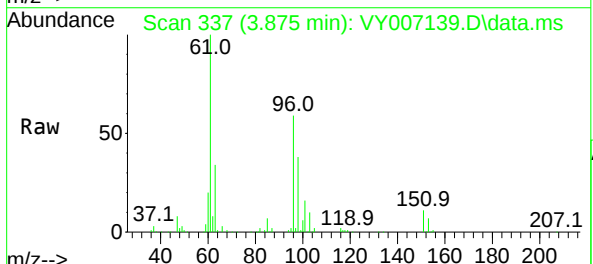
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

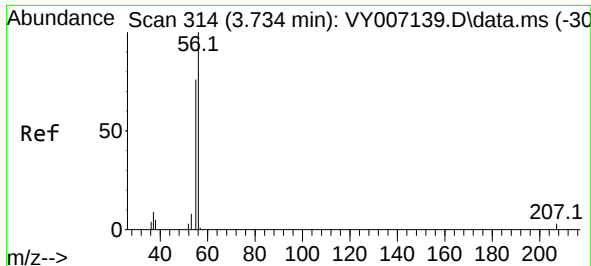
Tgt Ion: 59 Resp: 34931  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 49.196 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 96 Resp: 76996  
Ion Ratio Lower Upper  
96 100  
61 168.7 131.9 197.9  
98 63.2 52.7 79.1

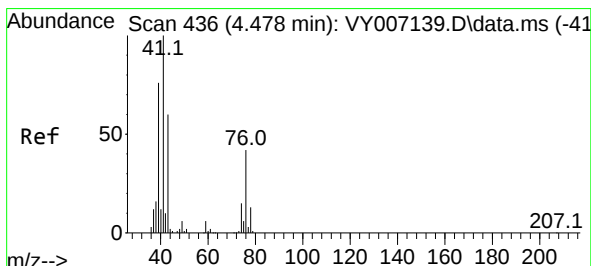
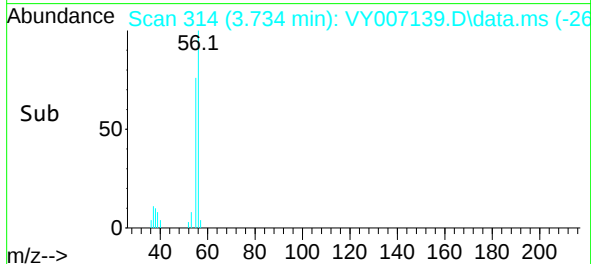
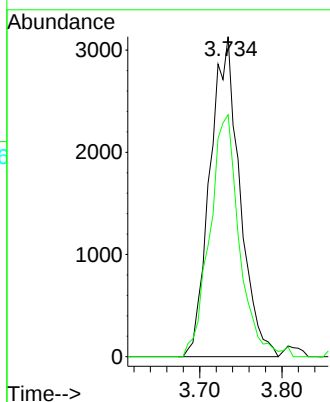
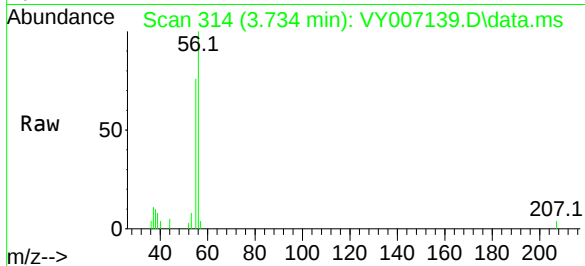




#13  
Acrolein  
Concen: 181.219 ug/l  
RT: 3.734 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

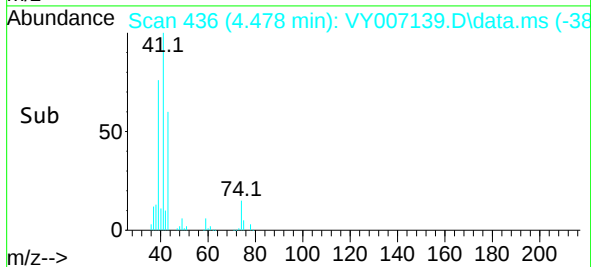
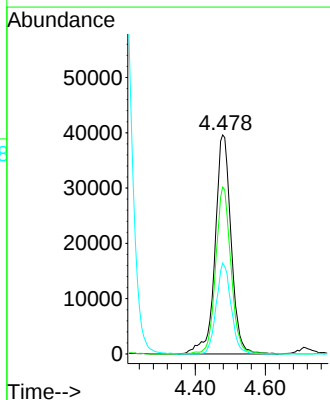
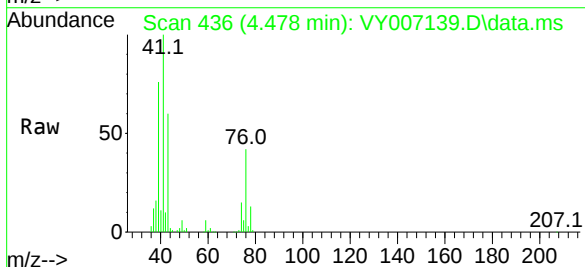
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

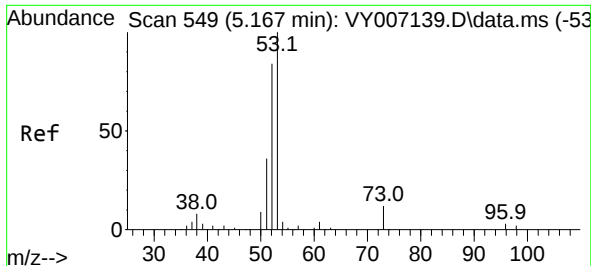
Tgt Ion: 56 Resp: 7883  
Ion Ratio Lower Upper  
56 100  
55 75.1 55.7 83.5



#14  
Allyl chloride  
Concen: 52.374 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 41 Resp: 125934  
Ion Ratio Lower Upper  
41 100  
39 72.6 56.1 84.1  
76 38.3 31.4 47.2

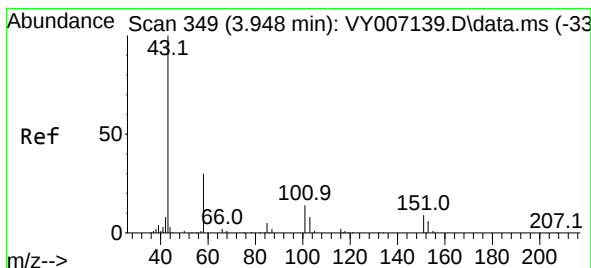
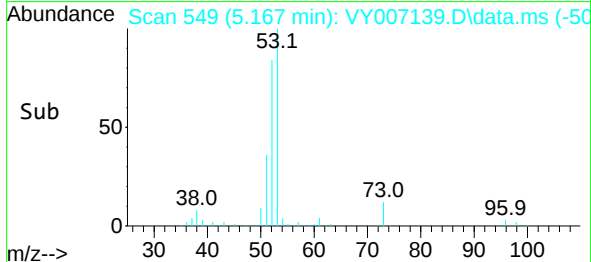
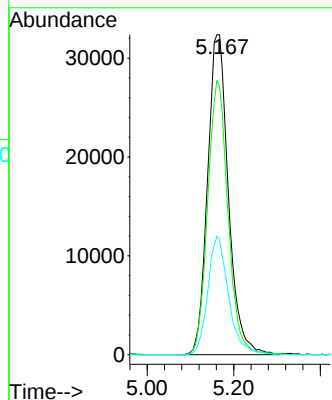
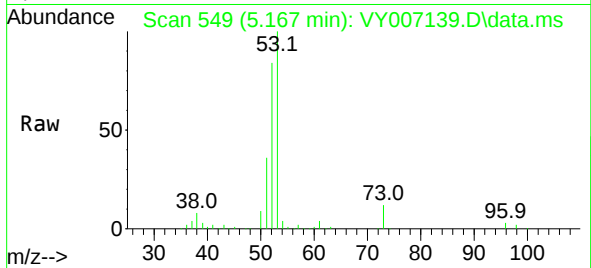




#15  
Acrylonitrile  
Concen: 270.956 ug/l  
RT: 5.167 min Scan# 549  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

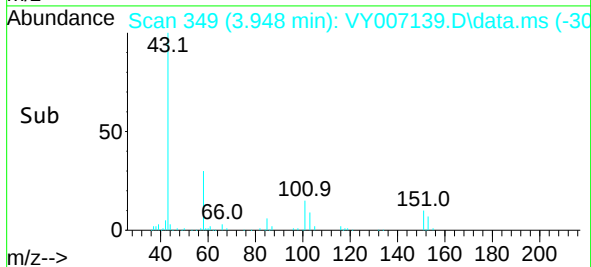
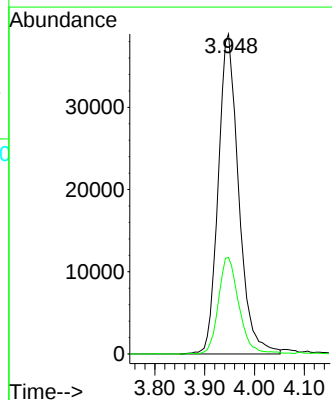
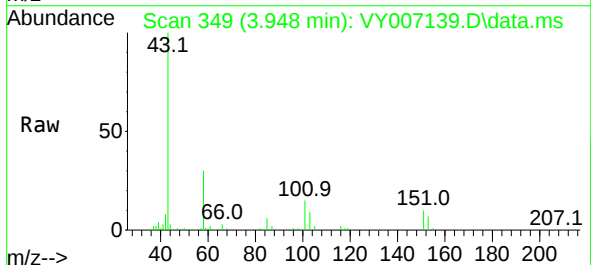
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

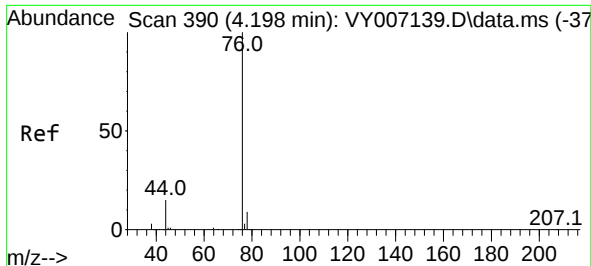
Tgt Ion: 53 Resp: 108247  
Ion Ratio Lower Upper  
53 100  
52 83.4 65.4 98.2  
51 37.0 29.4 44.2



#16  
Acetone  
Concen: 334.447 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 43 Resp: 110851  
Ion Ratio Lower Upper  
43 100  
58 30.1 23.8 35.6

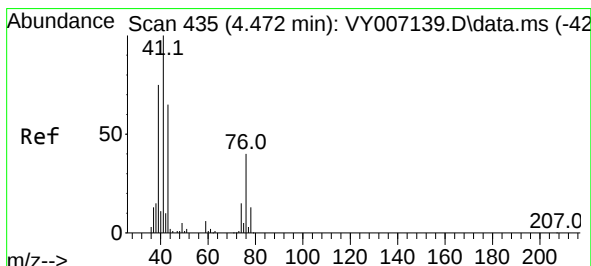
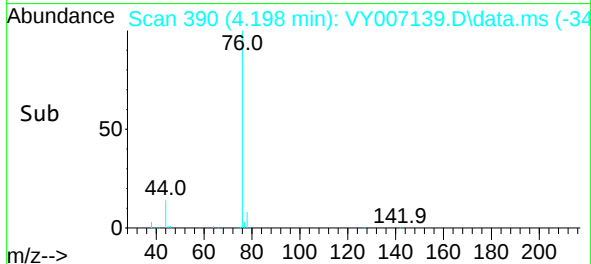
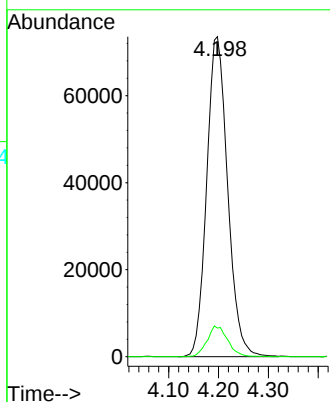
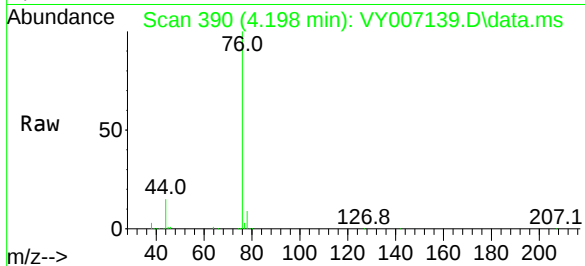




#17  
Carbon Disulfide  
Concen: 48.140 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

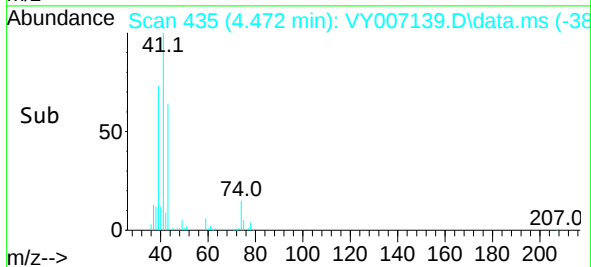
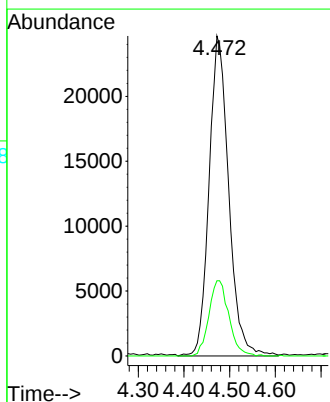
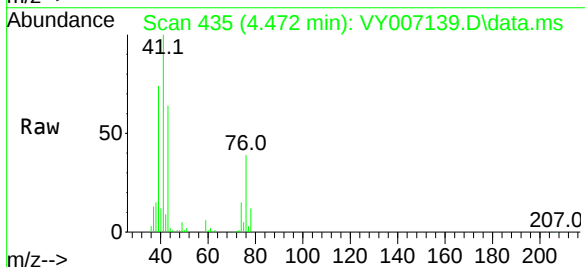
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

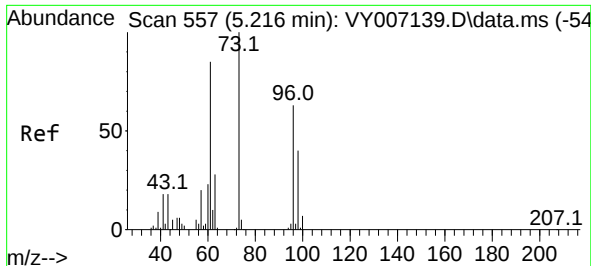
Tgt Ion: 76 Resp: 214553  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 51.213 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 43 Resp: 73587  
Ion Ratio Lower Upper  
43 100  
74 23.8 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 50.080 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

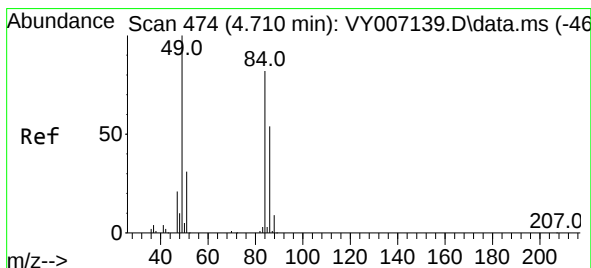
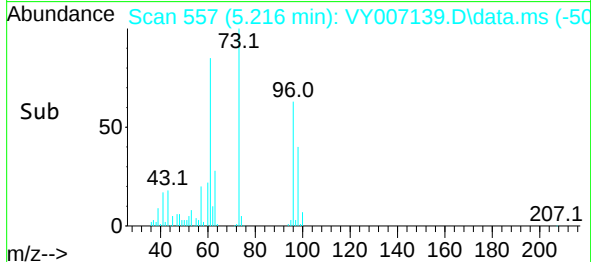
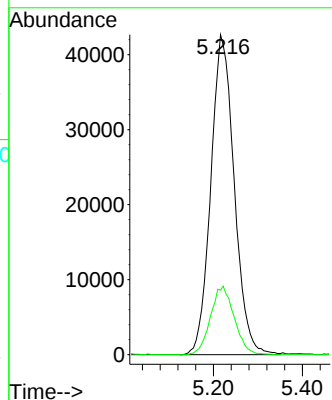
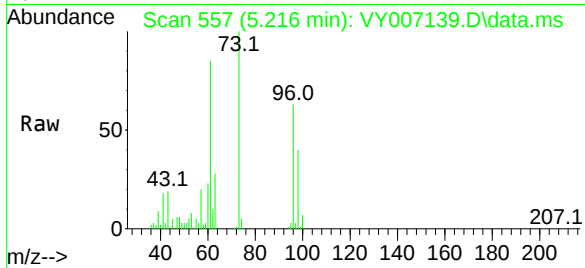
VSTDICCC050

Tgt Ion: 73 Resp: 155843

Ion Ratio Lower Upper

73 100

57 20.1 17.4 26.2



#20

Methylene Chloride

Concen: 45.546 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Tgt Ion: 84 Resp: 84262

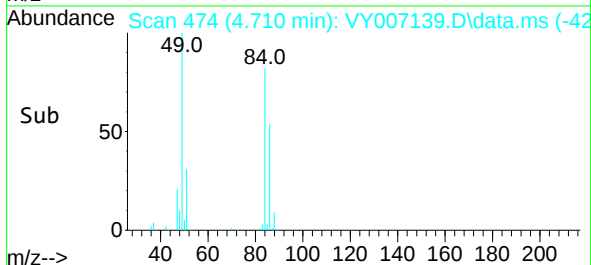
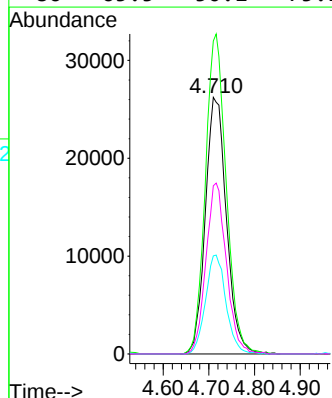
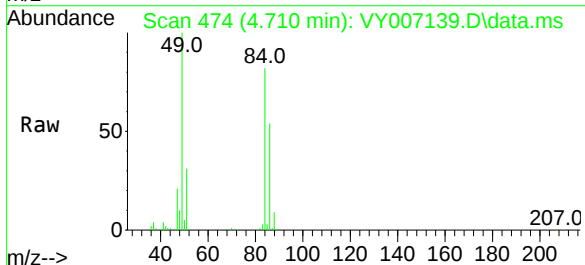
Ion Ratio Lower Upper

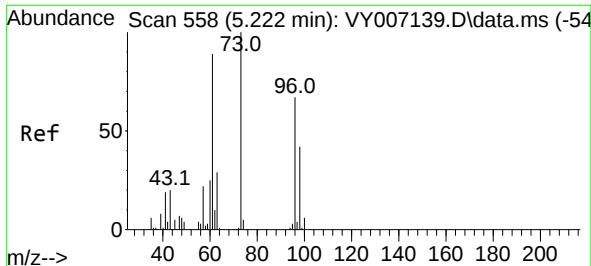
84 100

49 122.0 92.6 139.0

51 38.2 28.6 42.8

86 65.5 50.1 75.1

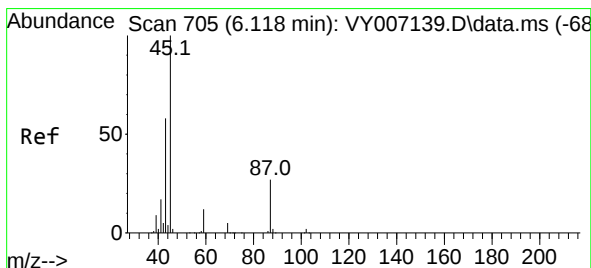
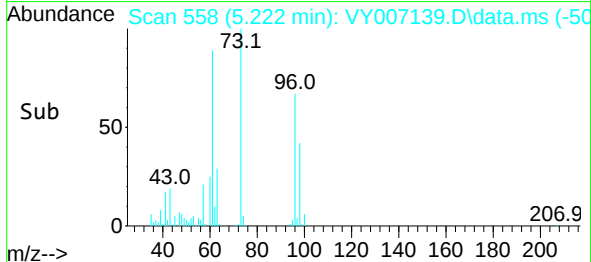
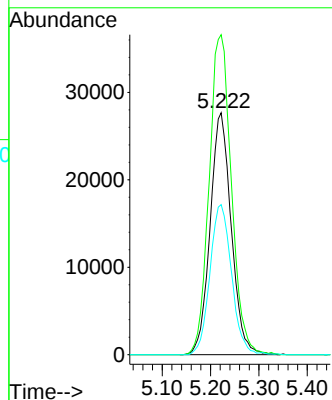
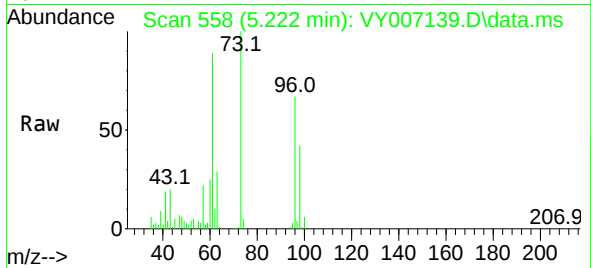




#21  
trans-1,2-Dichloroethene  
Concen: 49.616 ug/l  
RT: 5.222 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

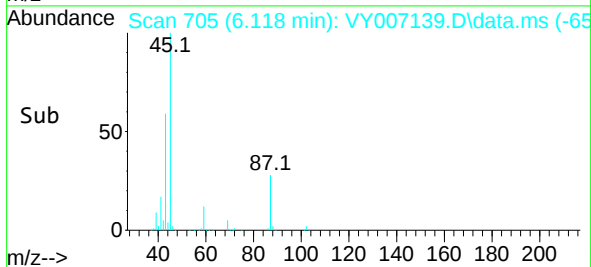
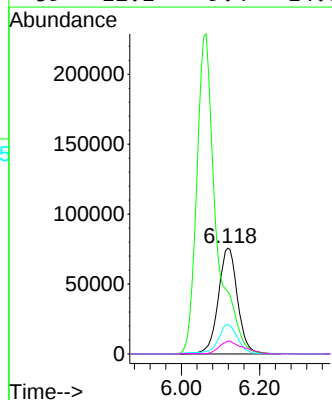
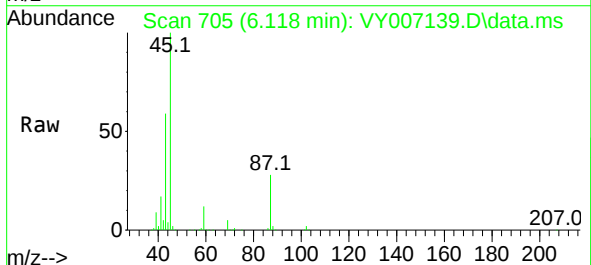
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

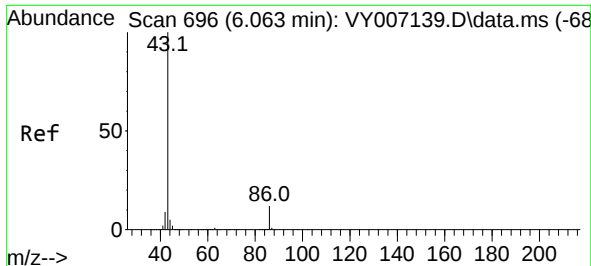
Tgt Ion: 96 Resp: 84003  
Ion Ratio Lower Upper  
96 100  
61 132.3 107.3 160.9  
98 62.1 52.4 78.6



#22  
Diisopropyl ether  
Concen: 52.866 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 45 Resp: 258974  
Ion Ratio Lower Upper  
45 100  
43 58.8 45.6 68.4  
87 27.9 22.2 33.2  
59 12.1 9.4 14.0

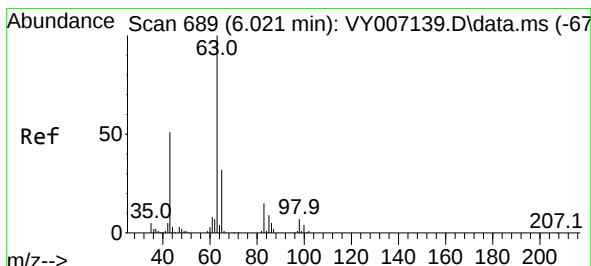
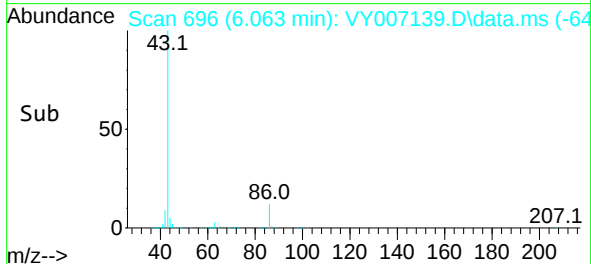
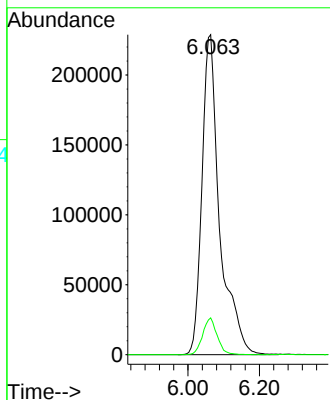
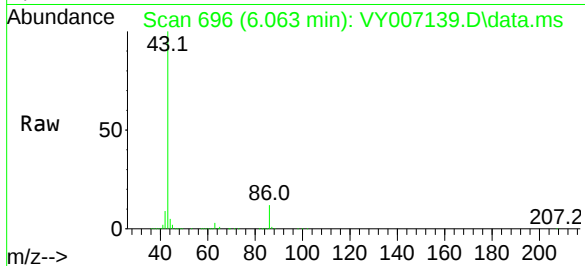




#23  
 Vinyl Acetate  
 Concen: 276.832 ug/l  
 RT: 6.063 min Scan# 696  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

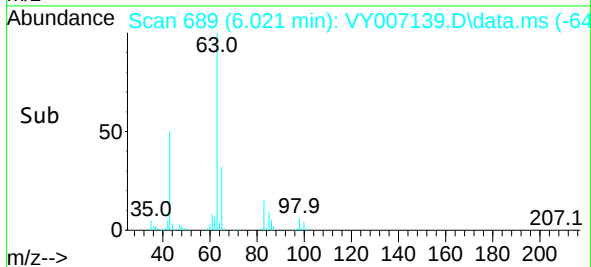
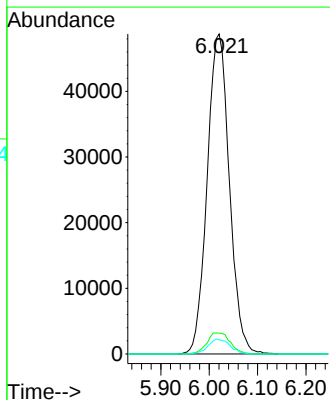
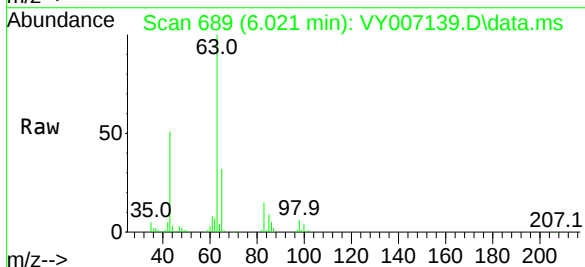
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

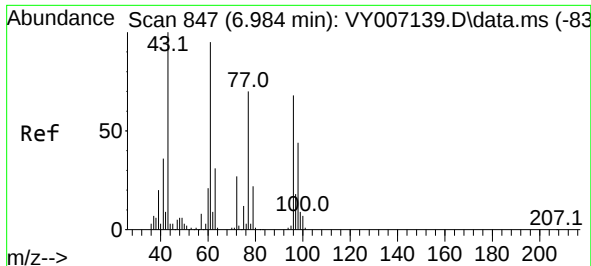
Tgt Ion: 43 Resp: 786964  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 52.228 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

Tgt Ion: 63 Resp: 155618  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.6  
 100 4.4 2.1 6.2

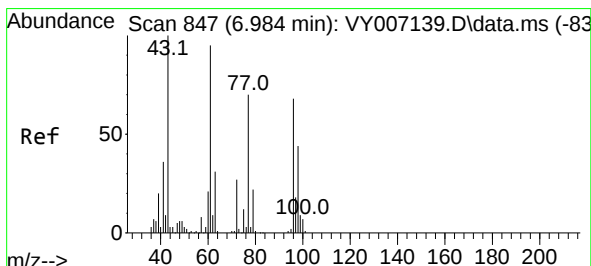
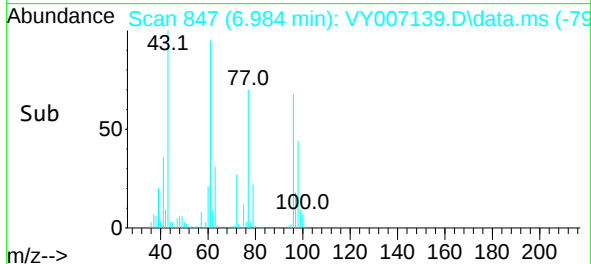
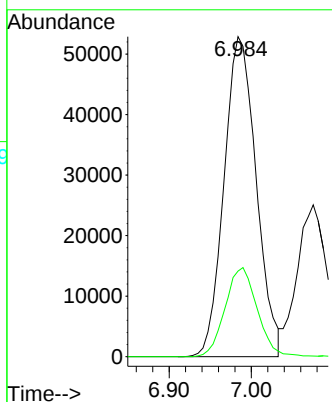
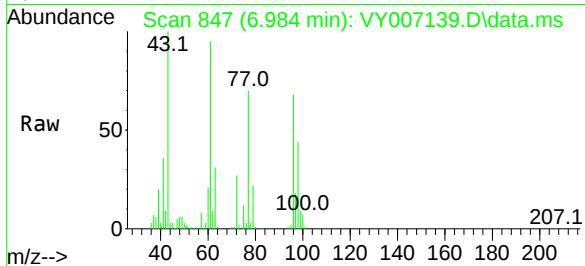




#25  
2-Butanone  
Concen: 291.775 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

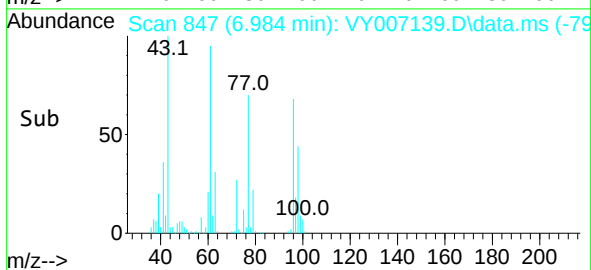
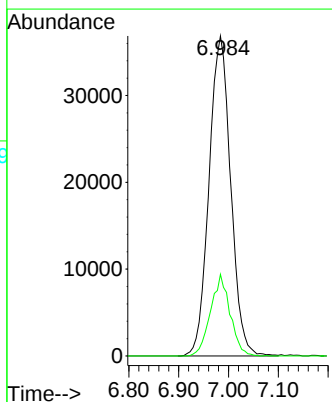
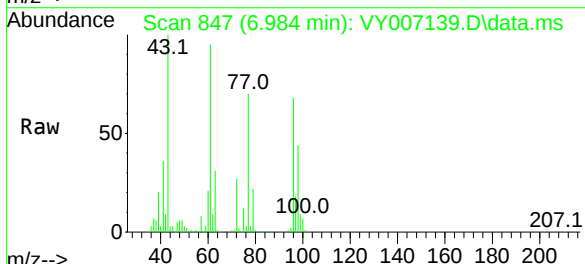
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

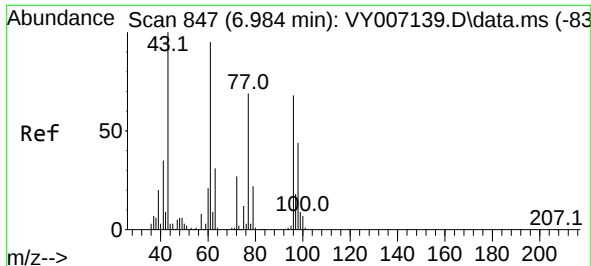
Tgt Ion: 43 Resp: 143953  
Ion Ratio Lower Upper  
43 100  
72 26.7 21.9 32.9



#26  
2,2-Dichloropropane  
Concen: 48.623 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 77 Resp: 111308  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.493 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

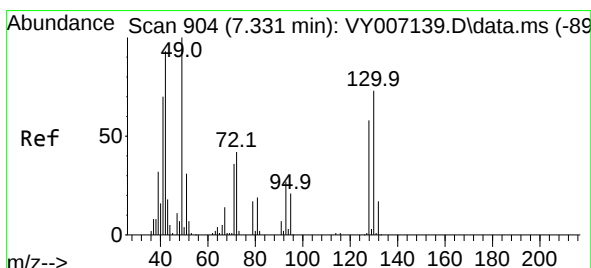
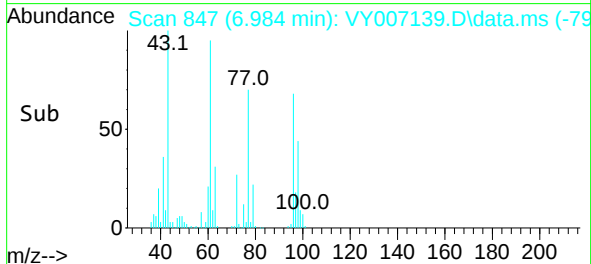
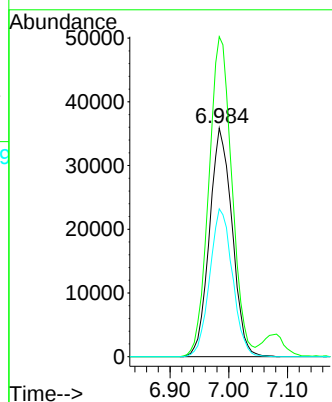
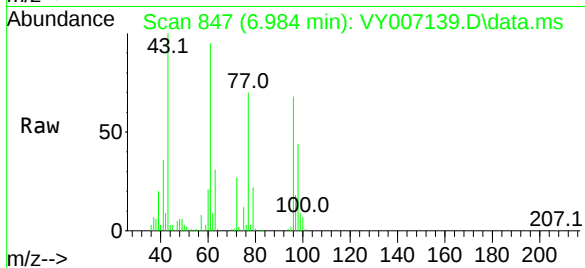
Tgt Ion: 96 Resp: 96359

Ion Ratio Lower Upper

96 100

61 142.4 0.0 276.8

98 64.8 0.0 127.8



#28

Bromochloromethane

Concen: 56.376 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

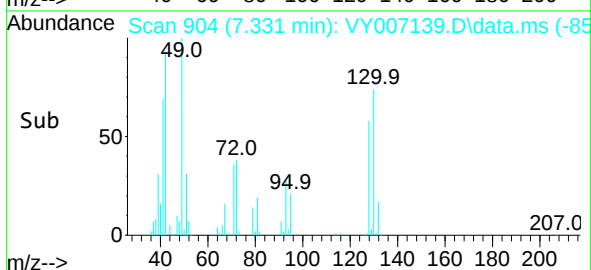
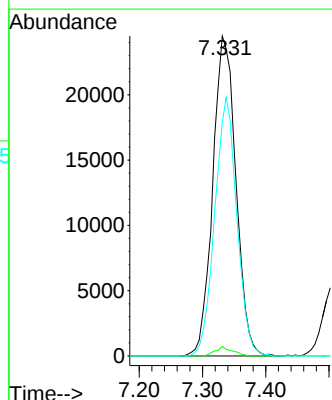
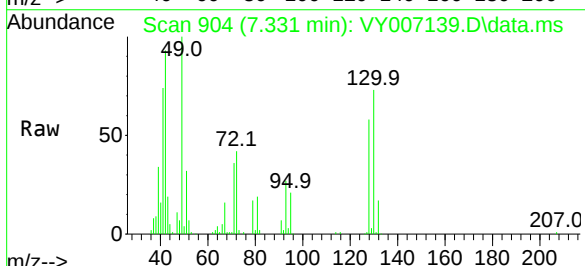
Tgt Ion: 49 Resp: 62110

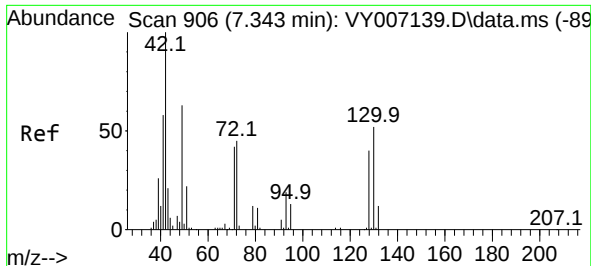
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 77.2 65.0 97.4





#29

Tetrahydrofuran

Concen: 268.741 ug/l

RT: 7.343 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

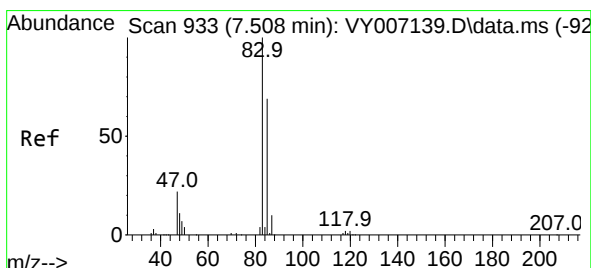
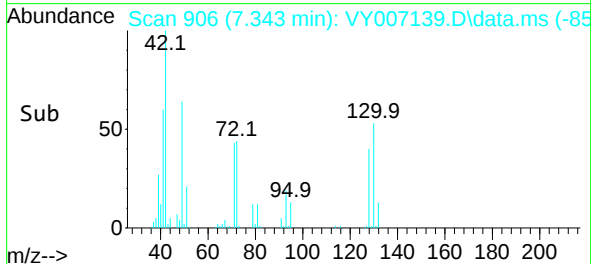
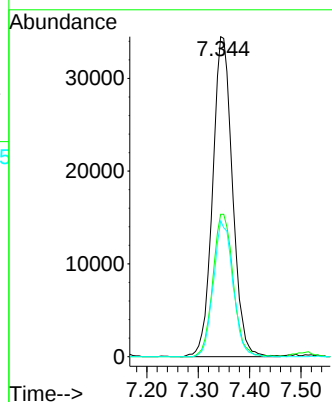
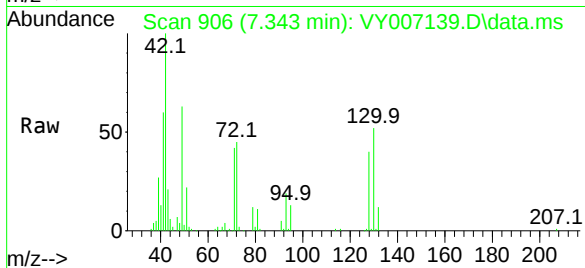
Tgt Ion: 42 Resp: 92480

Ion Ratio Lower Upper

42 100

72 45.5 36.6 54.8

71 41.8 34.1 51.1



#30

Chloroform

Concen: 51.807 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007139.D

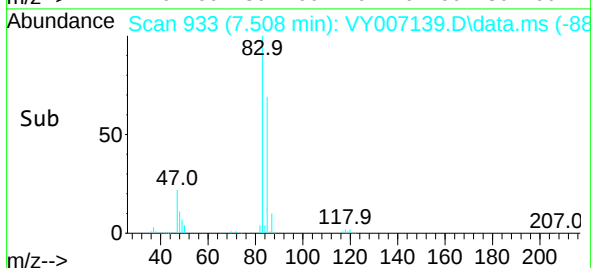
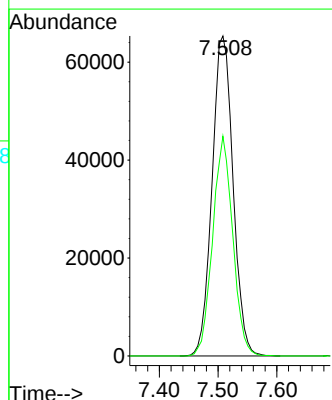
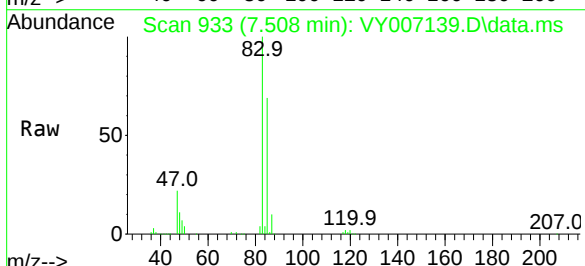
Acq: 13 Jan 2022 12:47

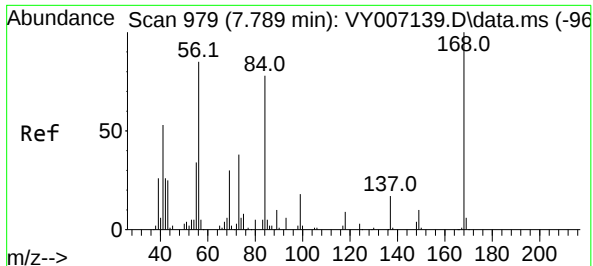
Tgt Ion: 83 Resp: 162287

Ion Ratio Lower Upper

83 100

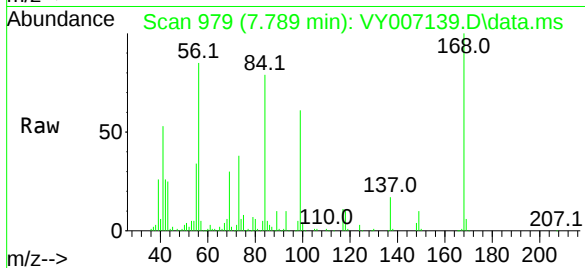
85 68.6 50.9 76.3



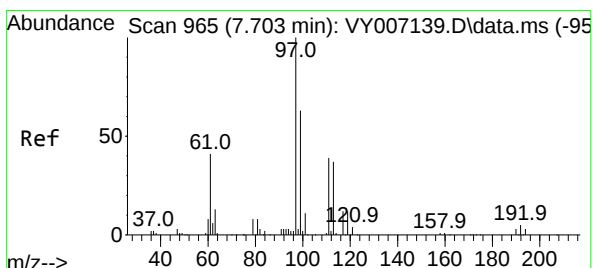
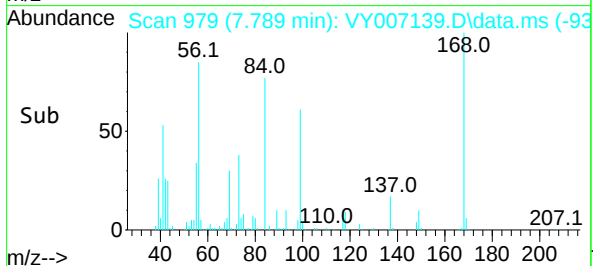
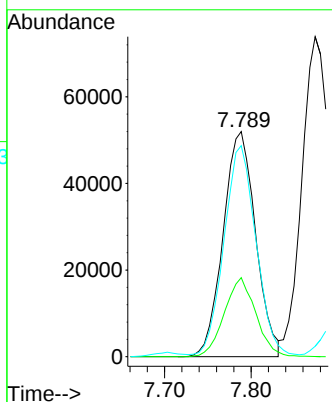


#31  
Cyclohexane  
Concen: 47.819 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

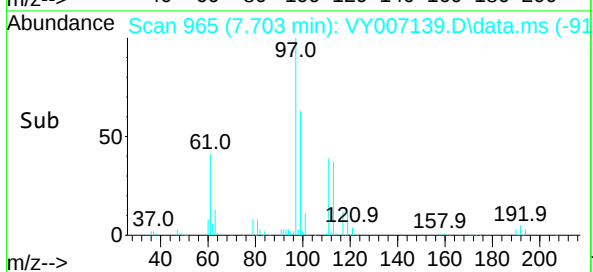
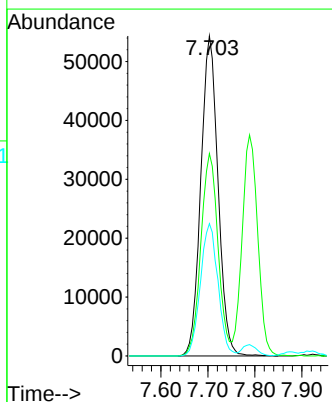
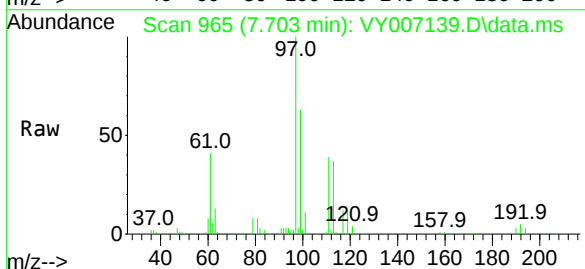


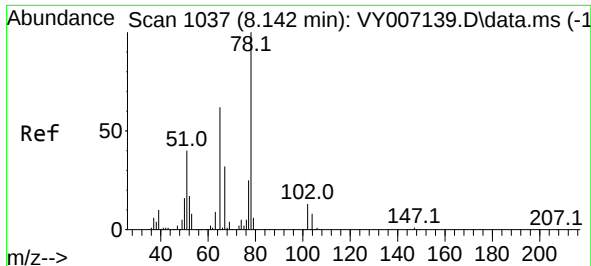
Tgt Ion: 56 Resp: 135103  
Ion Ratio Lower Upper  
56 100  
69 35.1 27.2 40.8  
84 92.5 72.1 108.1



#32  
1,1,1-Trichloroethane  
Concen: 50.868 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 97 Resp: 138128  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 42.2 32.2 48.2

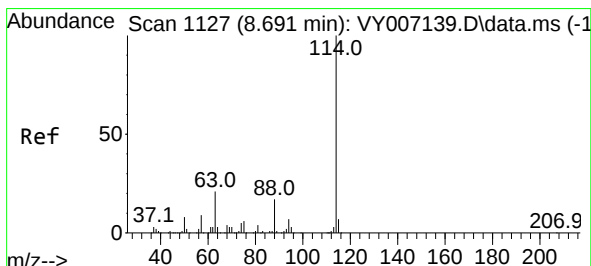
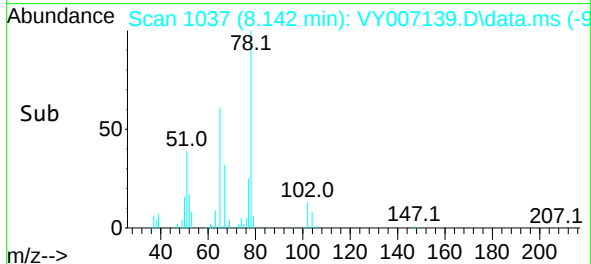
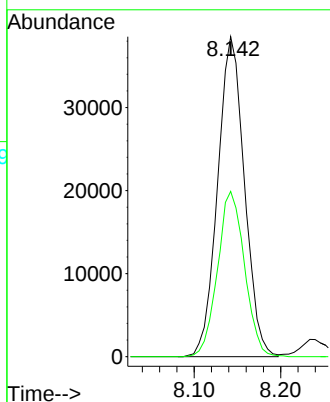
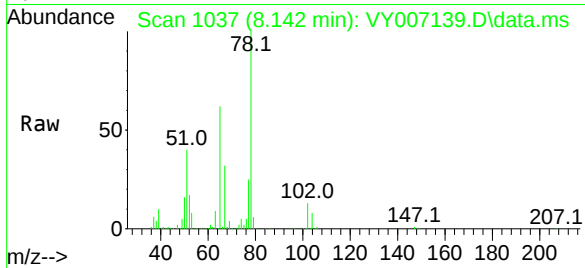




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.886 ug/l  
 RT: 8.142 min Scan# 1037  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

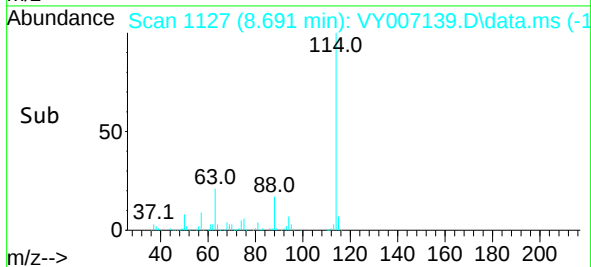
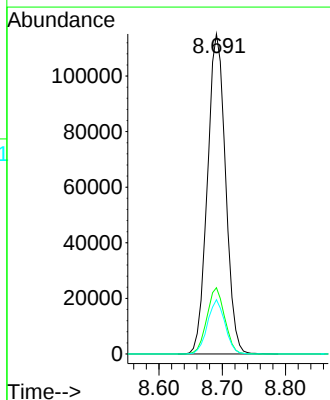
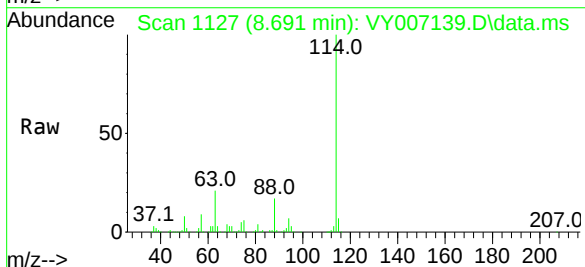
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

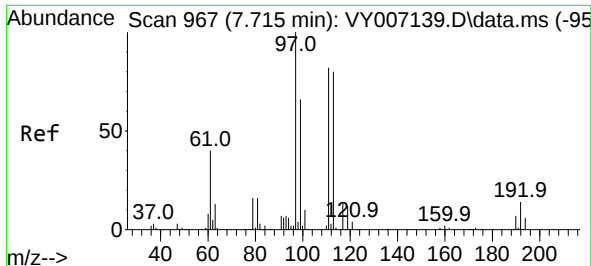
Tgt Ion: 65 Resp: 82787  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

Tgt Ion: 114 Resp: 229368  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 39.2  
 88 16.9 0.0 31.0

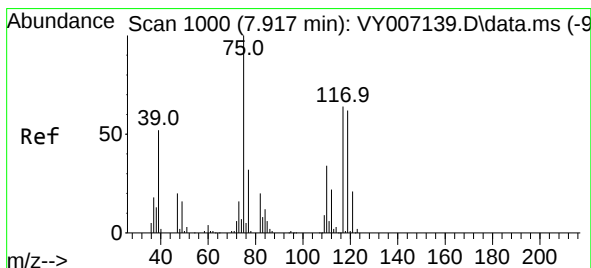
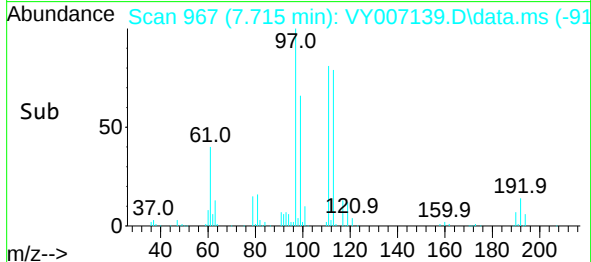
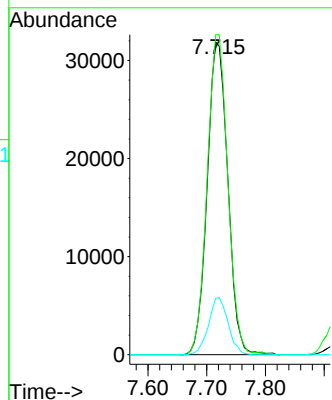
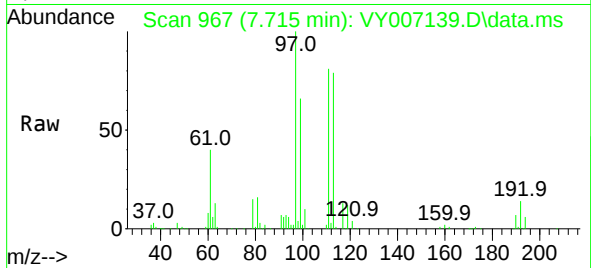




#35  
Dibromofluoromethane  
Concen: 50.319 ug/l  
RT: 7.715 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

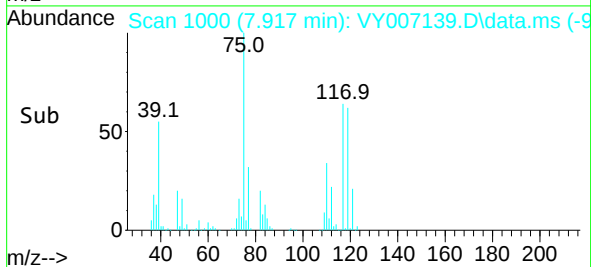
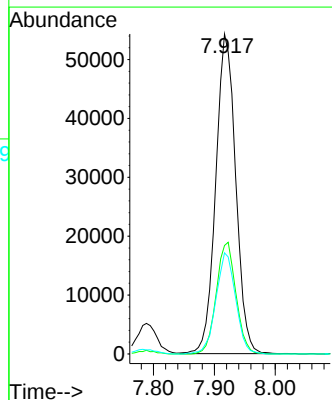
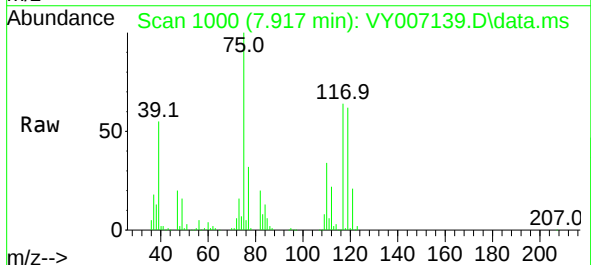
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

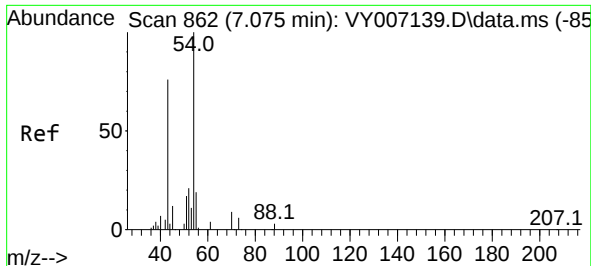
Tgt Ion:113 Resp: 77743  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.2 123.4  
192 17.4 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 50.893 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 75 Resp: 123281  
Ion Ratio Lower Upper  
75 100  
110 34.4 17.3 51.9  
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 54.899 ug/l

RT: 7.075 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

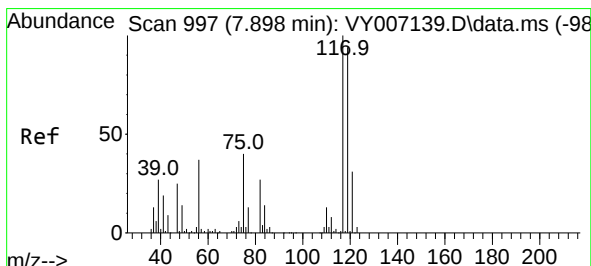
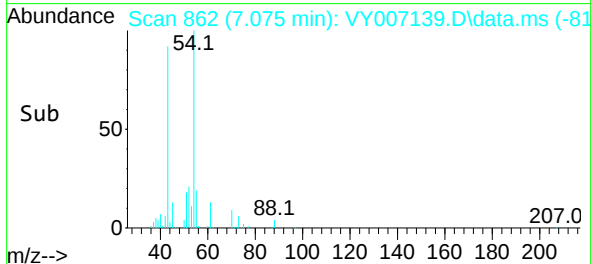
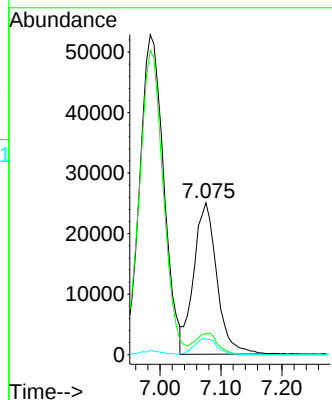
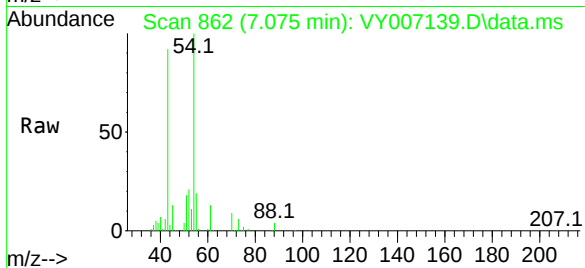
Tgt Ion: 43 Resp: 66047

Ion Ratio Lower Upper

43 100

61 13.5 11.8 17.8

70 10.6 9.0 13.4



#38

Carbon Tetrachloride

Concen: 51.332 ug/l

RT: 7.898 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

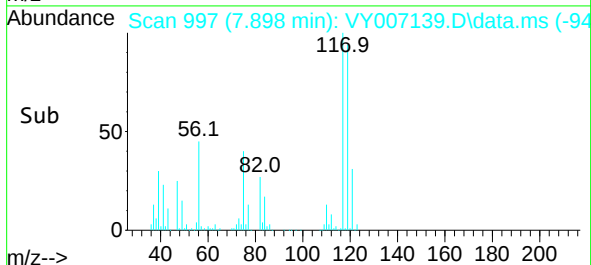
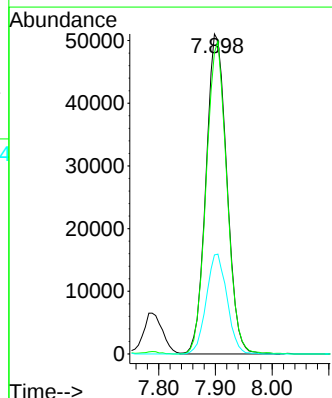
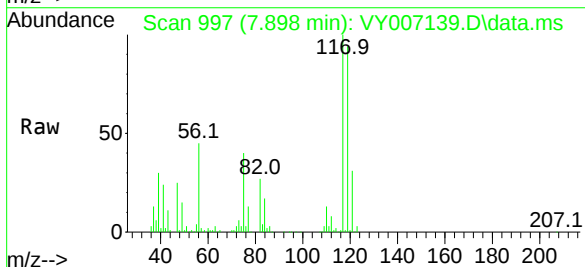
Tgt Ion: 117 Resp: 130464

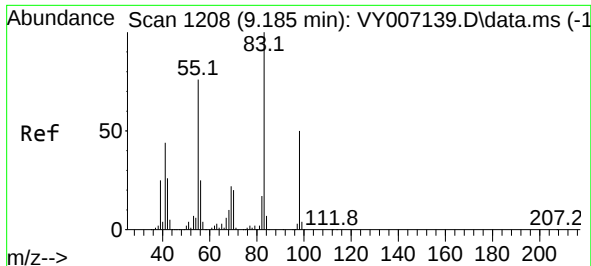
Ion Ratio Lower Upper

117 100

119 94.3 77.2 115.8

121 30.9 24.2 36.2

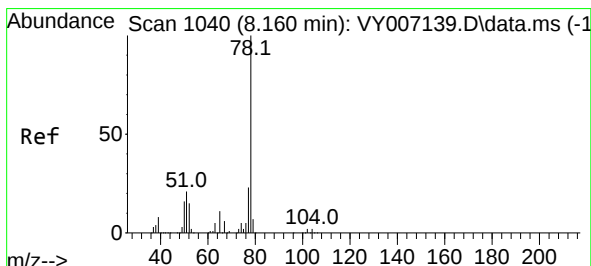
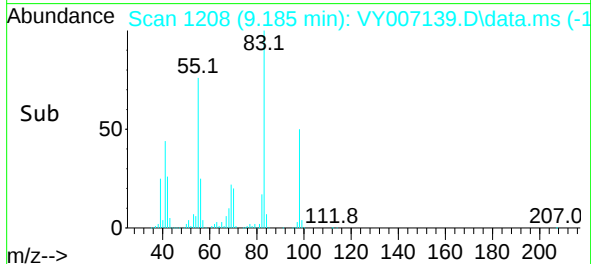
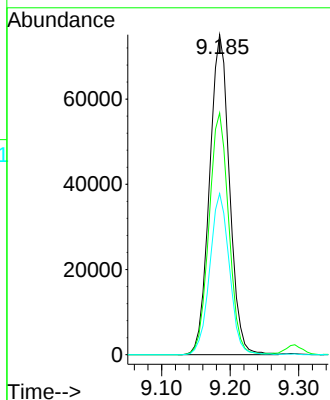
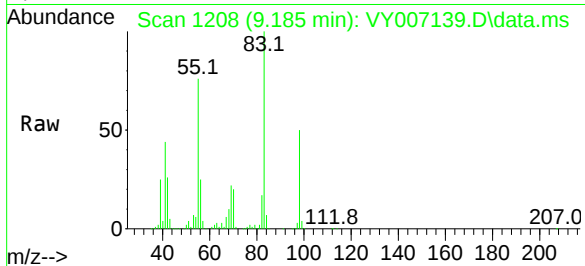




#39  
Methylcyclohexane  
Concen: 50.219 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

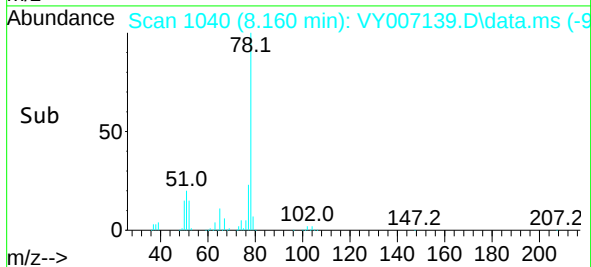
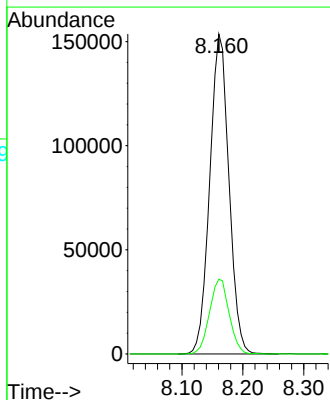
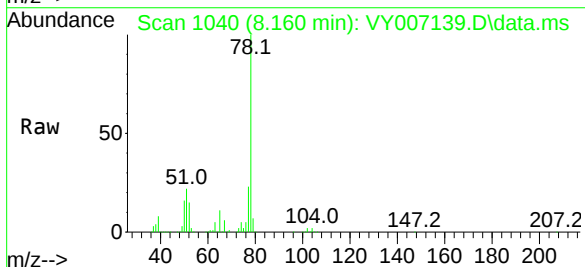
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

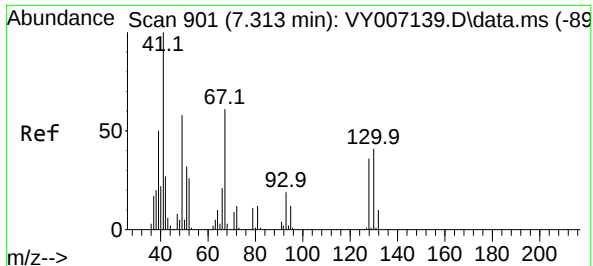
Tgt Ion: 83 Resp: 151851  
Ion Ratio Lower Upper  
83 100  
55 75.5 58.8 88.2  
98 50.3 38.7 58.1



#40  
Benzene  
Concen: 51.284 ug/l  
RT: 8.160 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 78 Resp: 335480  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.6 27.8

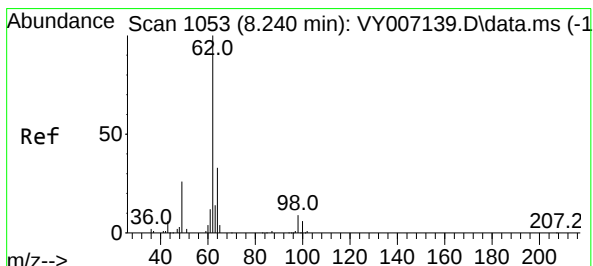
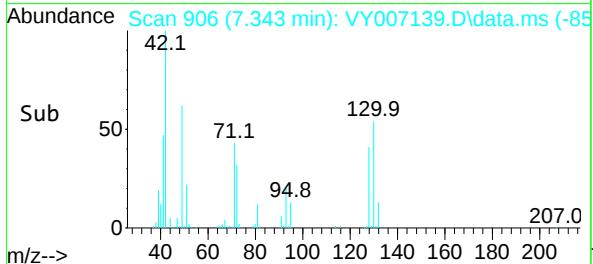
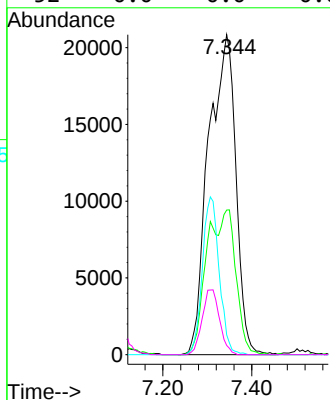
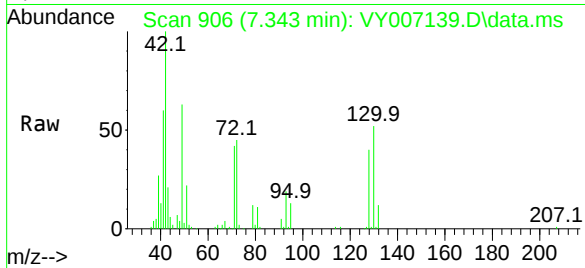




#41  
Methacrylonitrile  
Concen: 130.464 ug/l  
RT: 7.343 min Scan# 901  
Delta R.T. 0.030 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

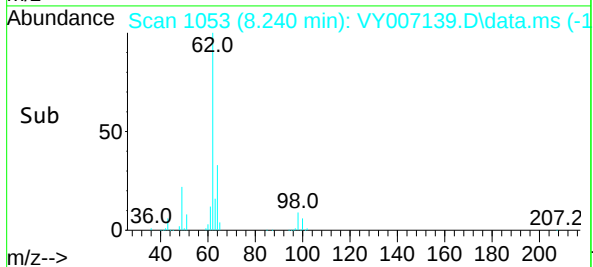
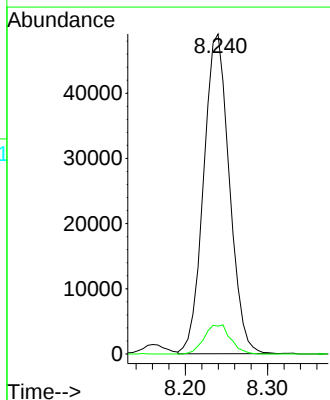
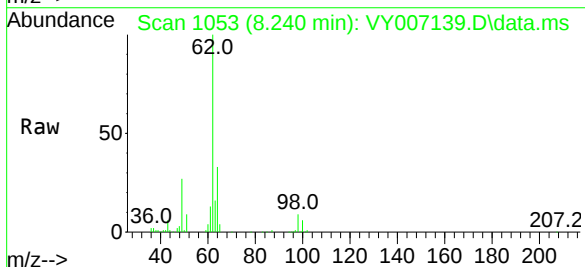
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

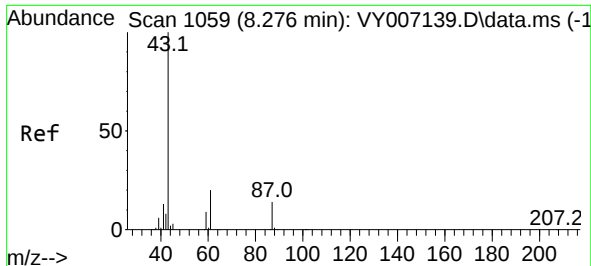
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 88674 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 0.0      | 0.0 0.0     |
| 67 0.0      | 0.0 0.0     |
| 52 0.0      | 0.0 0.0     |



#42  
1,2-Dichloroethane  
Concen: 53.121 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 106730 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.3      | 0.0 19.2     |

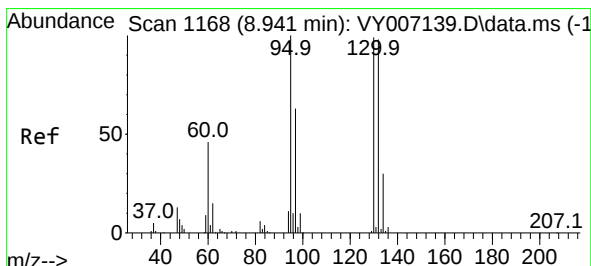
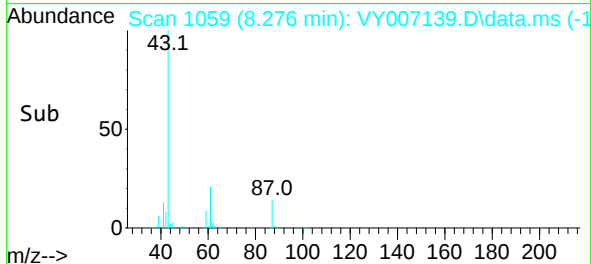
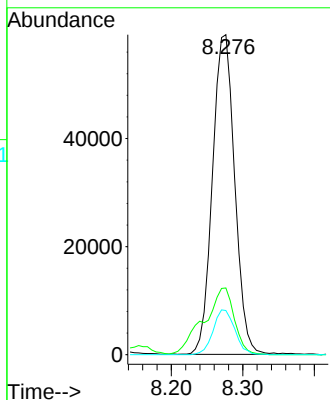
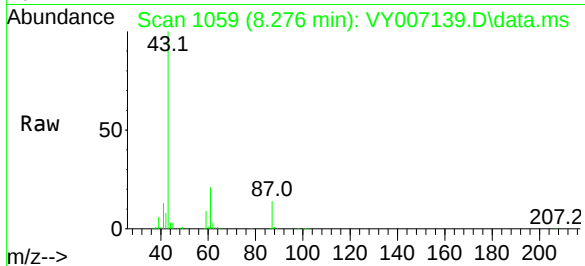




#43  
Isopropyl Acetate  
Concen: 54.830 ug/l  
RT: 8.276 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

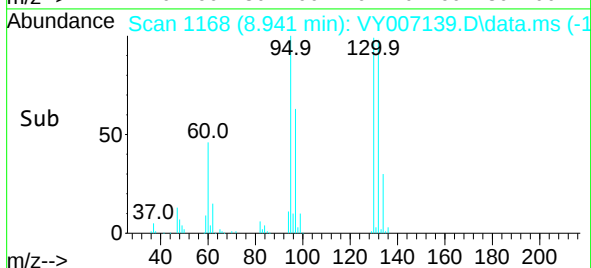
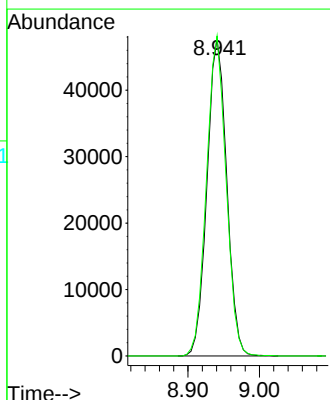
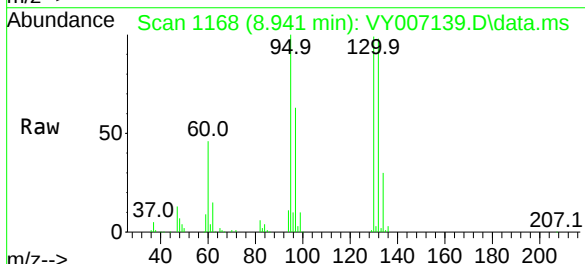
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

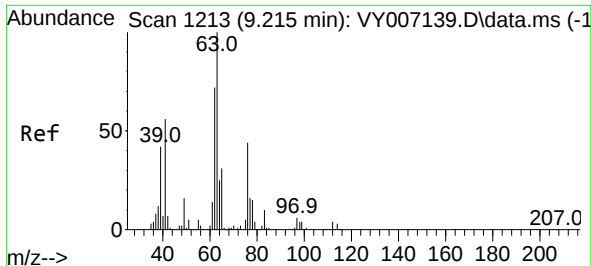
Tgt Ion: 43 Resp: 127902  
Ion Ratio Lower Upper  
43 100  
61 28.7 23.8 35.8  
87 13.7 11.6 17.4



#44  
Trichloroethene  
Concen: 50.527 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 130 Resp: 91385  
Ion Ratio Lower Upper  
130 100  
95 101.0 0.0 196.6





#45

1,2-Dichloropropane

Concen: 52.203 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

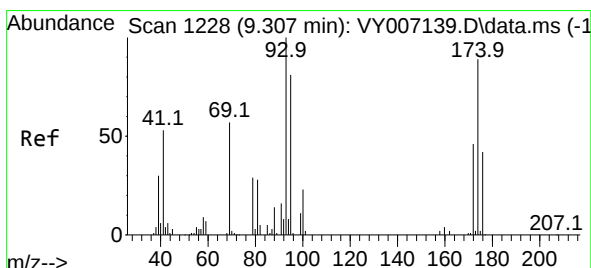
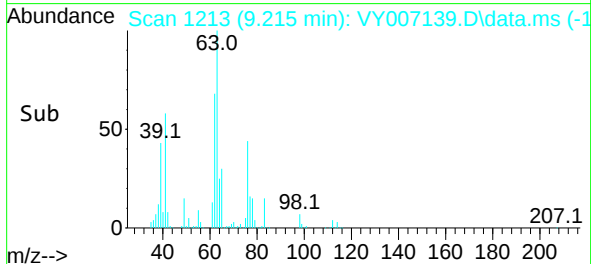
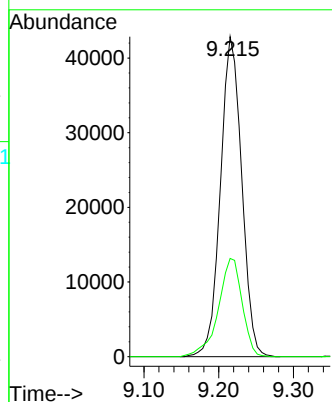
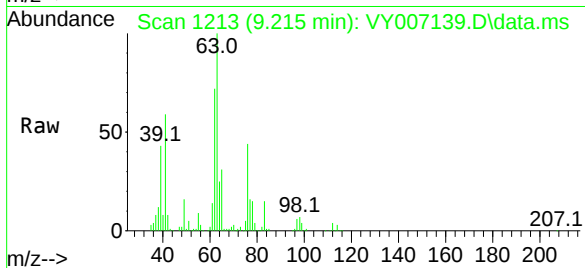
VSTDICCC050

Tgt Ion: 63 Resp: 84967

Ion Ratio Lower Upper

63 100

65 30.7 26.9 40.3



#46

Dibromomethane

Concen: 52.336 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

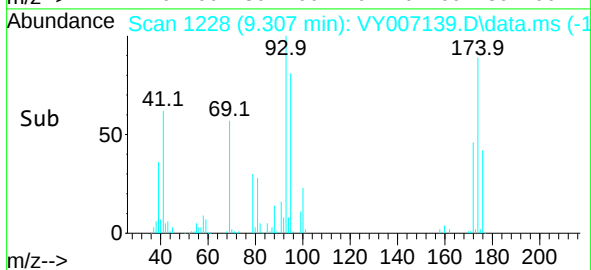
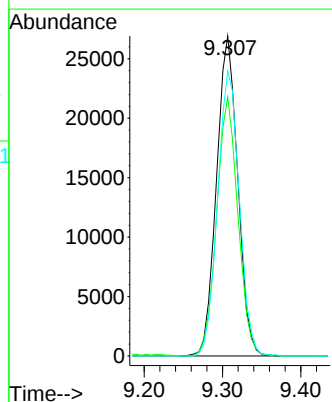
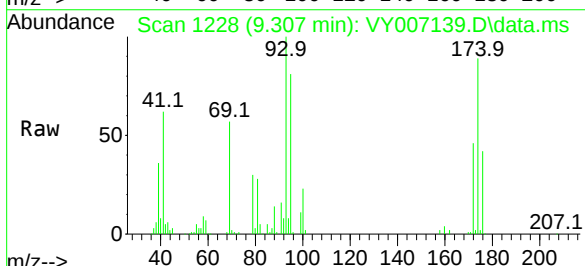
Tgt Ion: 93 Resp: 50706

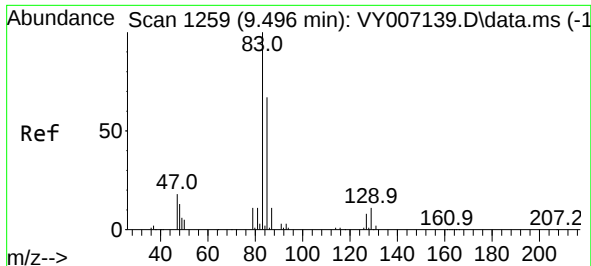
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.6

174 91.0 75.4 113.0

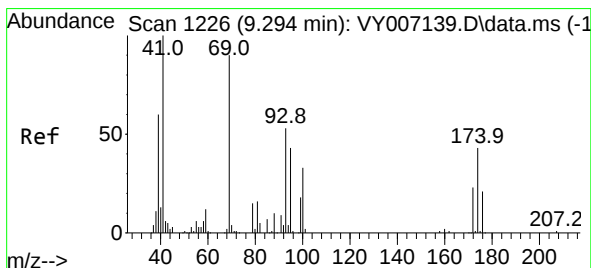
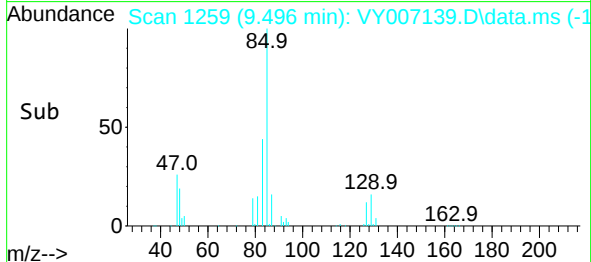
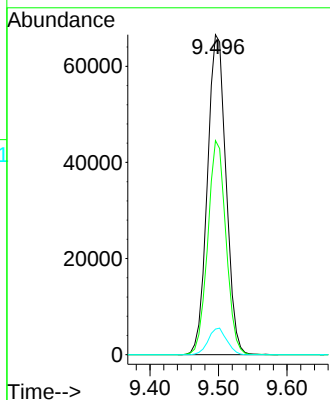
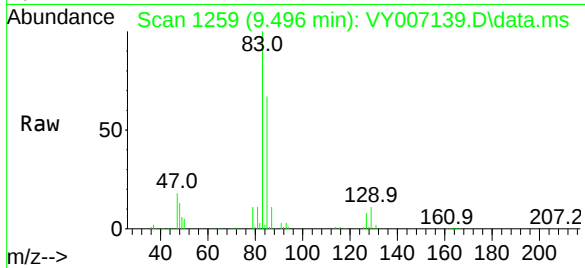




#47  
Bromodichloromethane  
Concen: 51.991 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

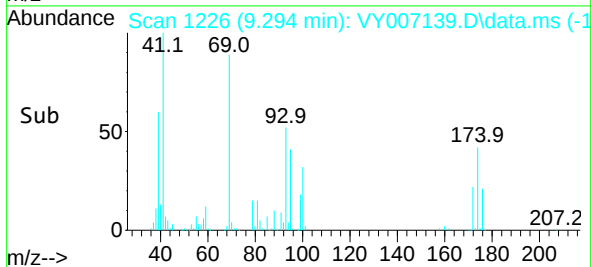
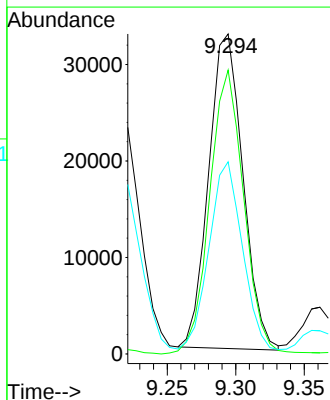
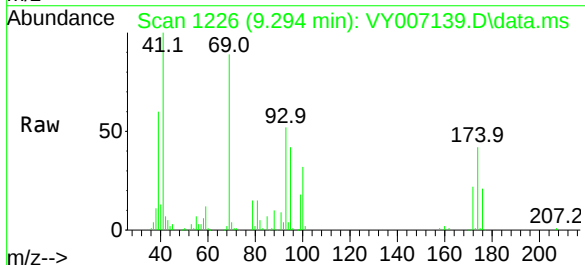
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

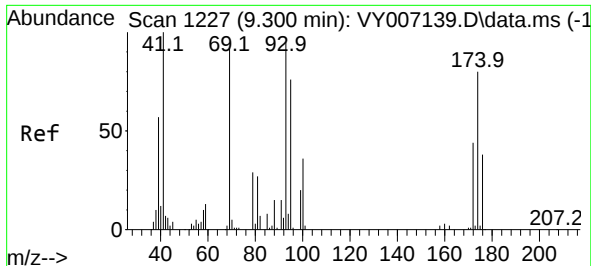
Tgt Ion: 83 Resp: 125803  
Ion Ratio Lower Upper  
83 100  
85 66.9 51.4 77.2  
127 8.0 6.5 9.7



#48  
Methyl methacrylate  
Concen: 54.279 ug/l  
RT: 9.294 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 41 Resp: 56633  
Ion Ratio Lower Upper  
41 100  
69 90.2 70.5 105.7  
39 58.3 43.8 65.8

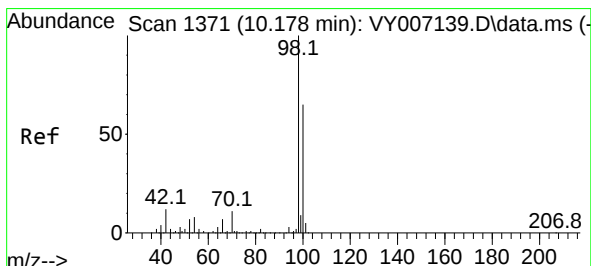
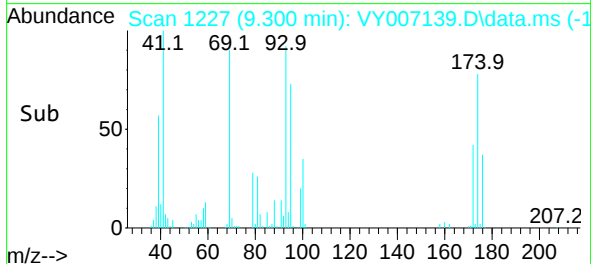
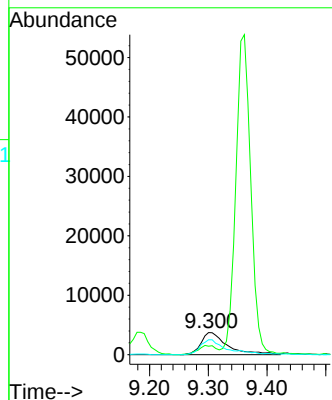
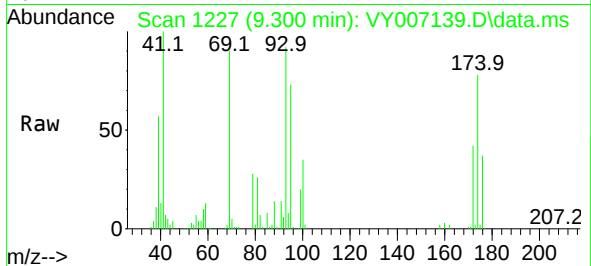




#49  
1,4-Dioxane  
Concen: 1148.862 ug/l  
RT: 9.300 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

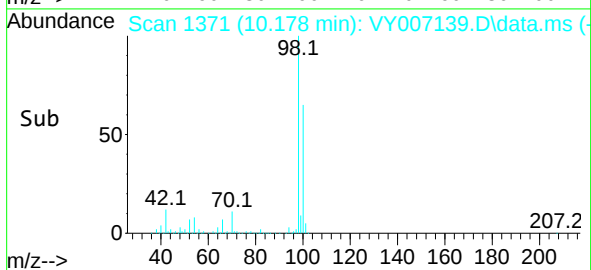
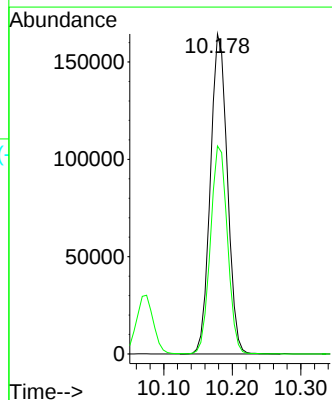
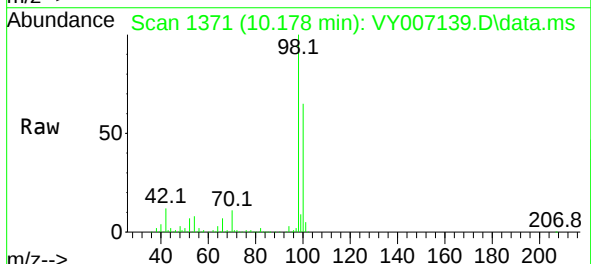
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

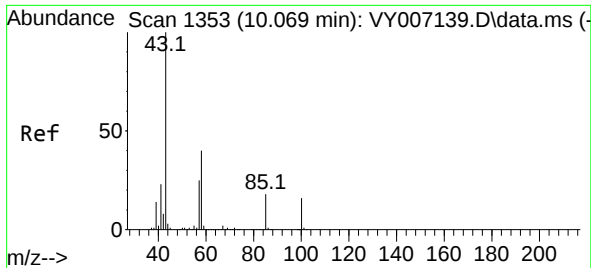
Tgt Ion: 88 Resp: 11625  
Ion Ratio Lower Upper  
88 100  
43 28.9 22.0 33.0  
58 66.8 58.6 87.8



#50  
Toluene-d8  
Concen: 49.671 ug/l  
RT: 10.178 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 98 Resp: 282959  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.2 78.2

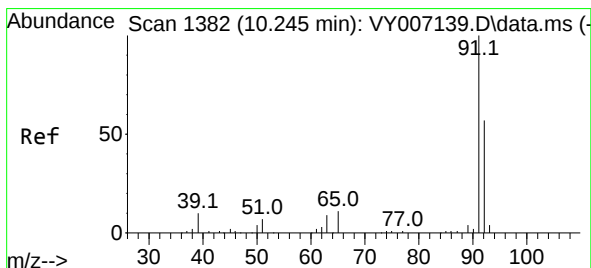
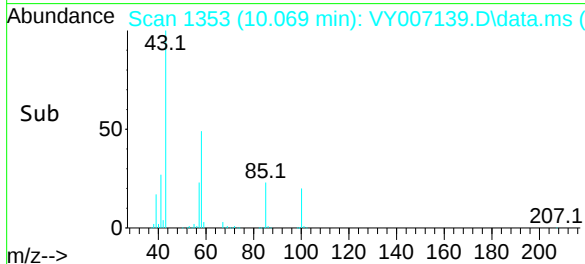
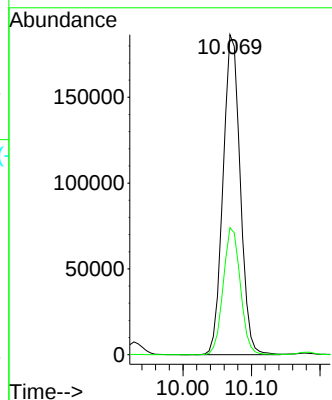
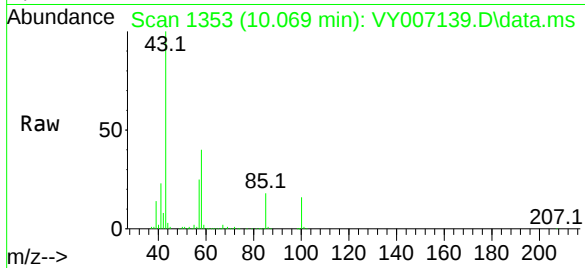




#51  
4-Methyl-2-Pentanone  
Concen: 281.238 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

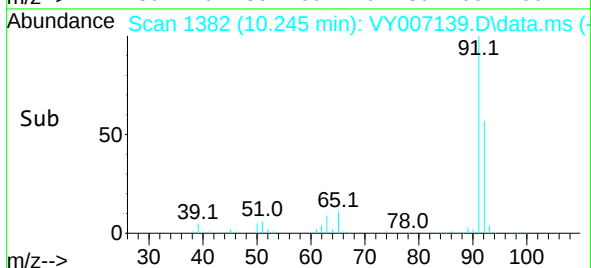
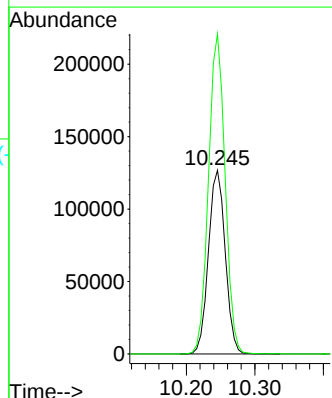
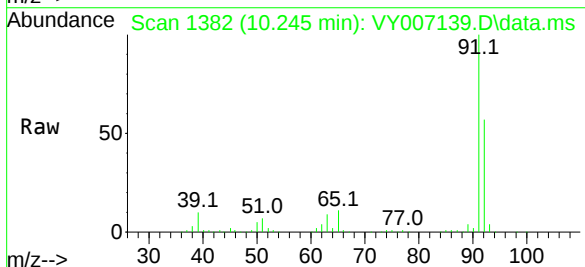
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

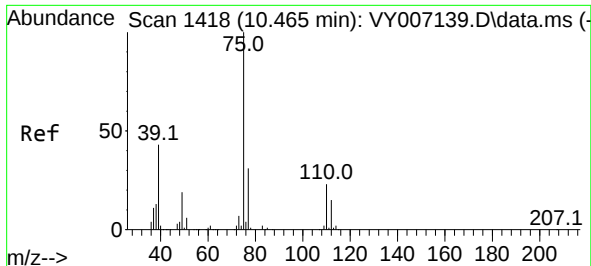
Tgt Ion: 43 Resp: 324018  
Ion Ratio Lower Upper  
43 100  
58 39.7 32.8 49.2



#52  
Toluene  
Concen: 51.759 ug/l  
RT: 10.245 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 92 Resp: 216266  
Ion Ratio Lower Upper  
92 100  
91 172.3 138.6 207.8

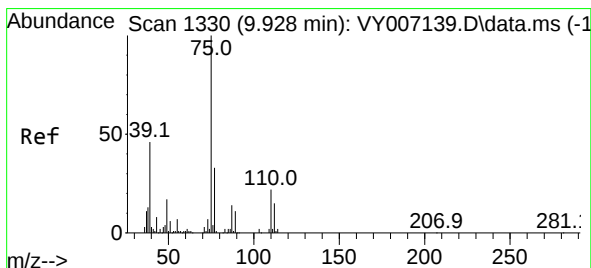
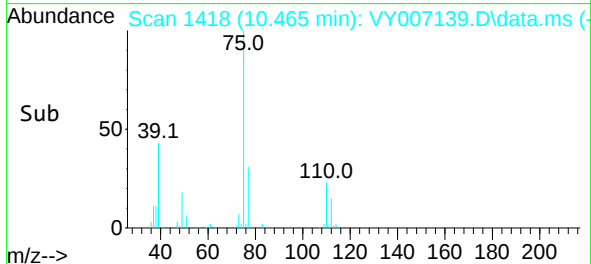
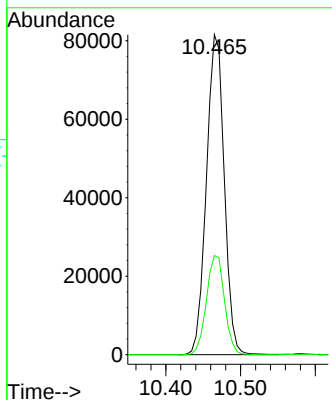
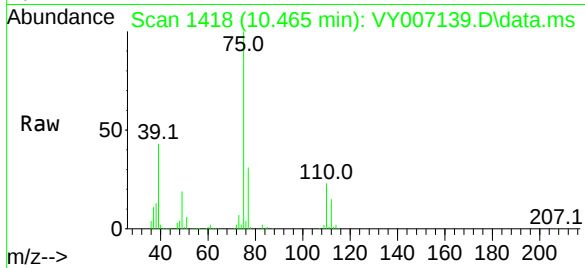




#53  
t-1,3-Dichloropropene  
Concen: 53.315 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

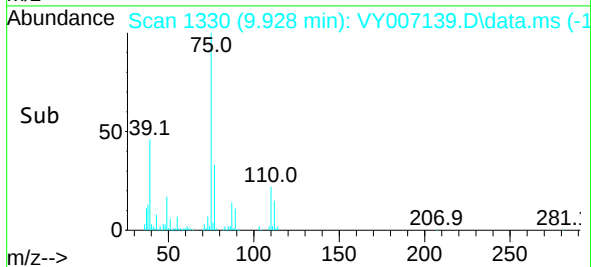
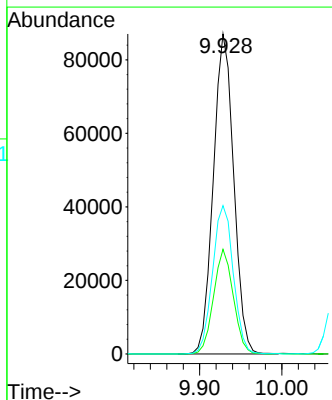
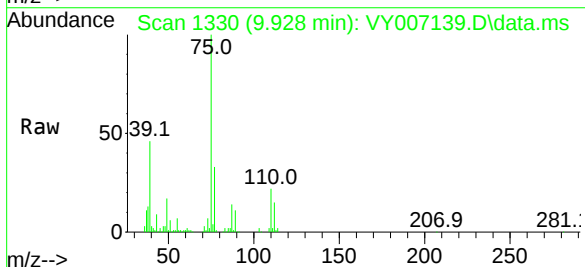
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

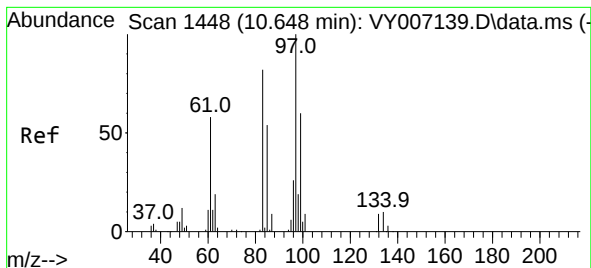
Tgt Ion: 75 Resp: 135076  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 52.590 ug/l  
RT: 9.928 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 75 Resp: 150035  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.7 38.5  
39 46.4 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 52.446 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 69106

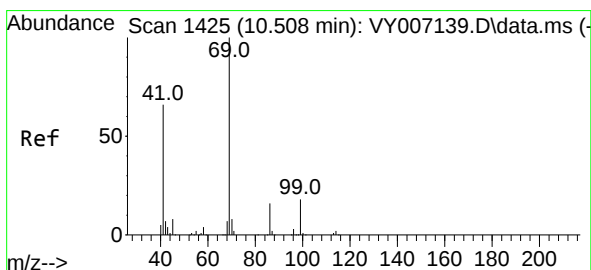
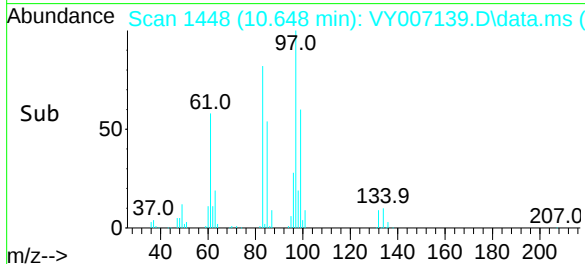
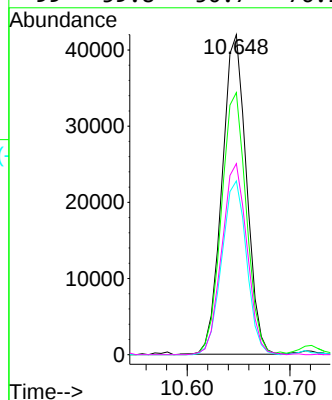
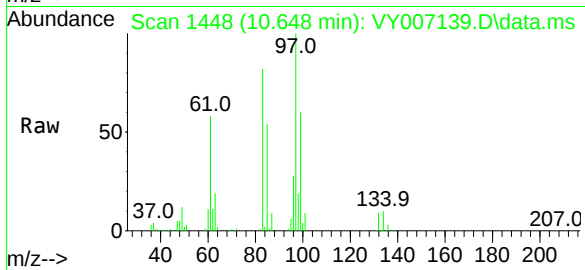
Ion Ratio Lower Upper

97 100

83 82.0 67.0 100.4

85 54.4 41.2 61.8

99 59.8 50.7 76.1



#56

Ethyl methacrylate

Concen: 53.268 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

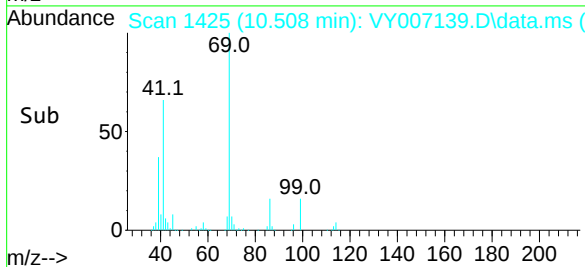
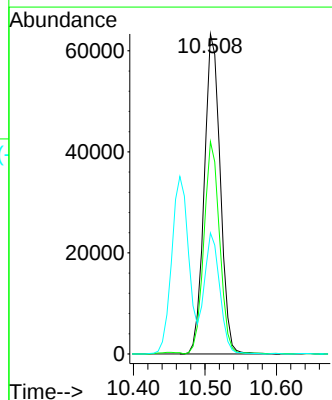
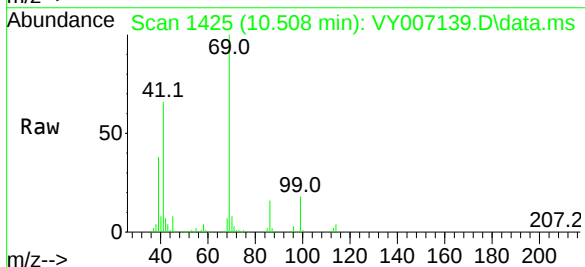
Tgt Ion: 69 Resp: 98373

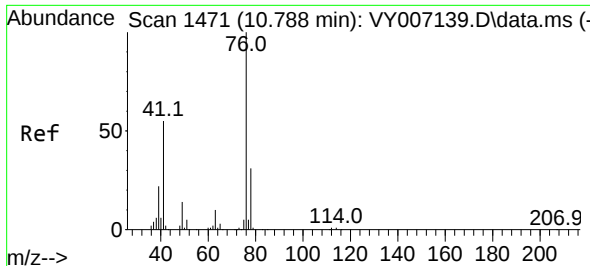
Ion Ratio Lower Upper

69 100

41 65.4 49.4 74.0

39 36.3 27.7 41.5





#57

1,3-Dichloropropane

Concen: 52.159 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

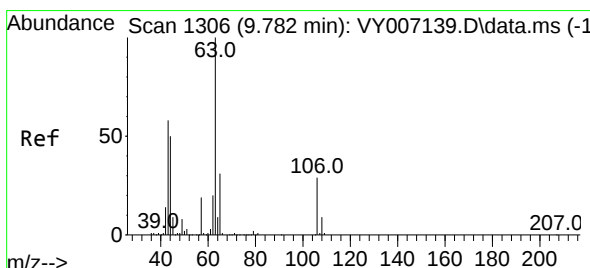
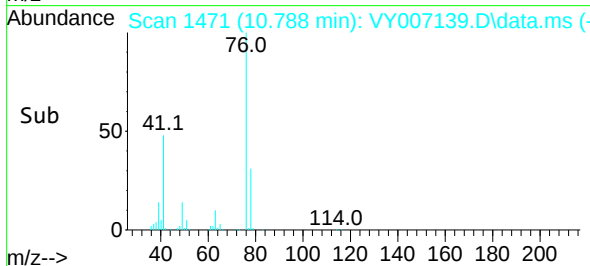
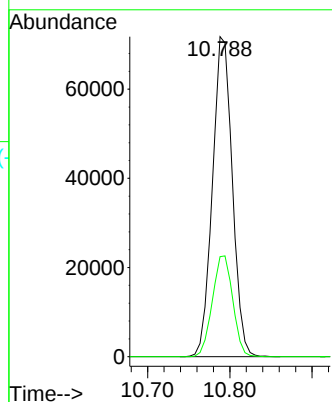
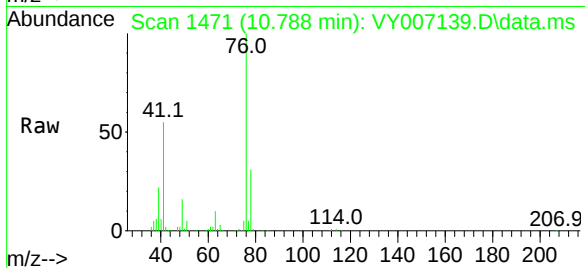
VSTDICCC050

Tgt Ion: 76 Resp: 120413

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.787 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007139.D

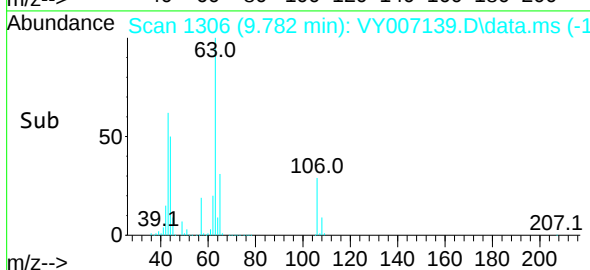
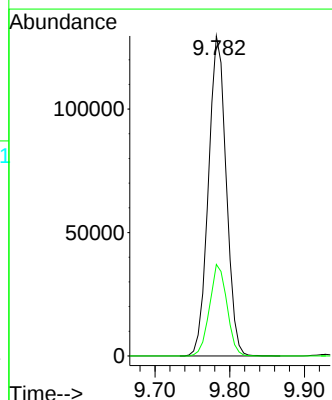
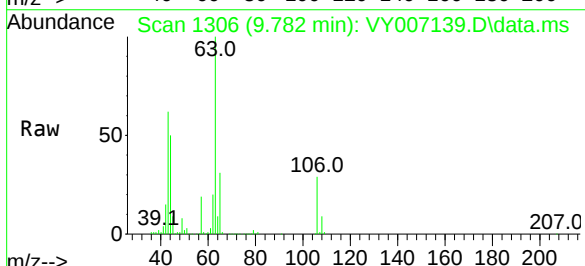
Acq: 13 Jan 2022 12:47

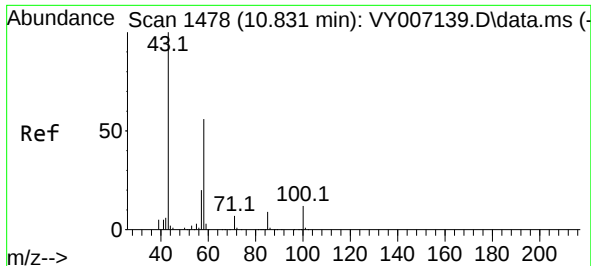
Tgt Ion: 63 Resp: 213967

Ion Ratio Lower Upper

63 100

106 28.0 23.3 34.9

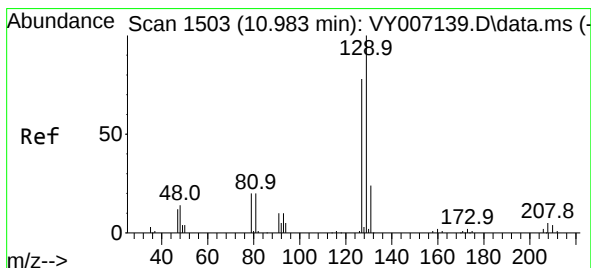
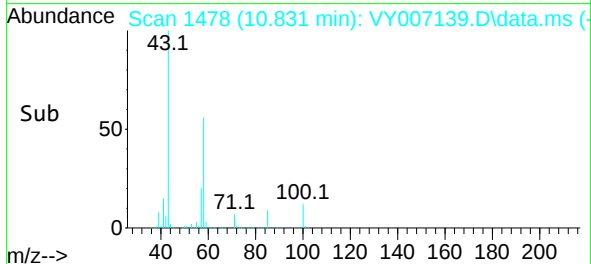
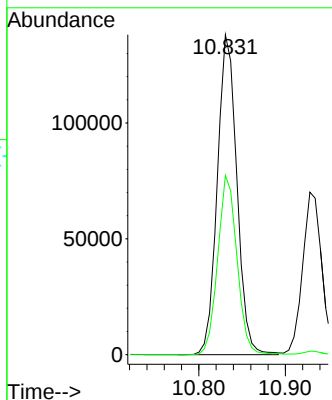
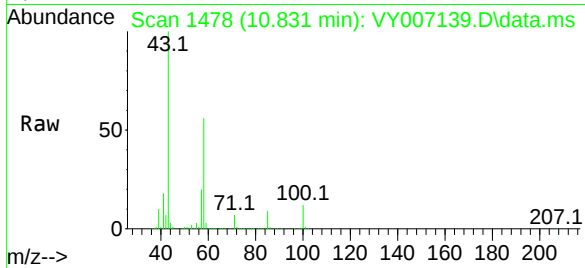




#59  
2-Hexanone  
Concen: 288.119 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

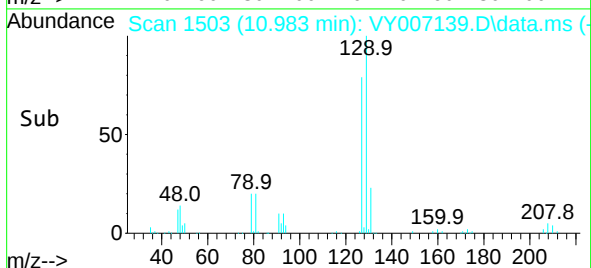
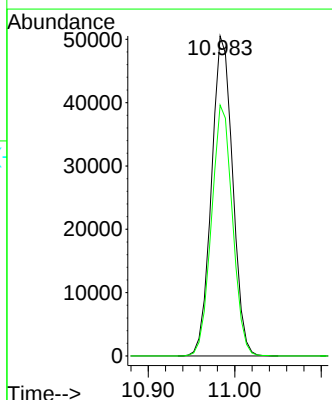
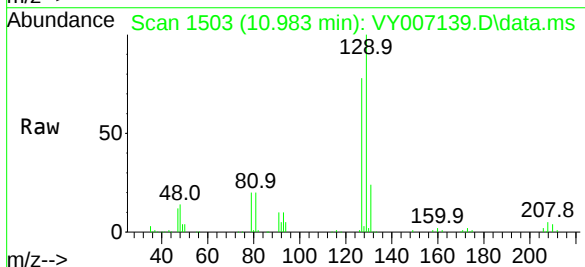
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

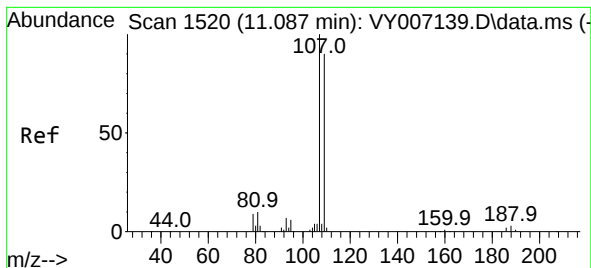
Tgt Ion: 43 Resp: 216782  
Ion Ratio Lower Upper  
43 100  
58 55.1 28.4 85.3



#60  
Dibromochloromethane  
Concen: 52.182 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 129 Resp: 85631  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.9 116.6

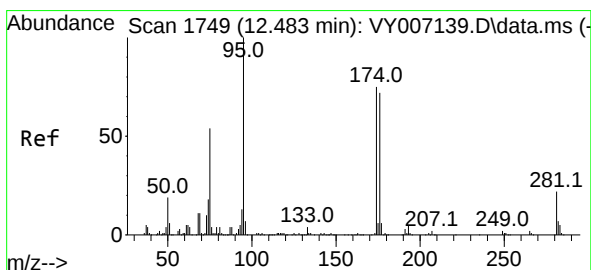
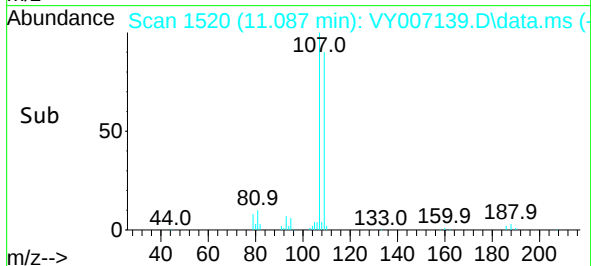
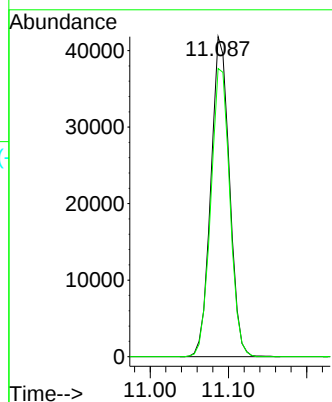
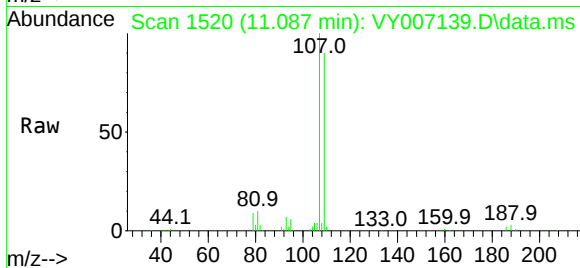




#61  
1,2-Dibromoethane  
Concen: 52.289 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

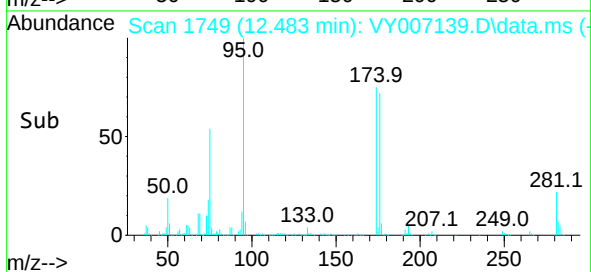
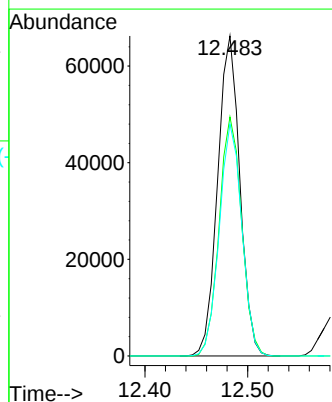
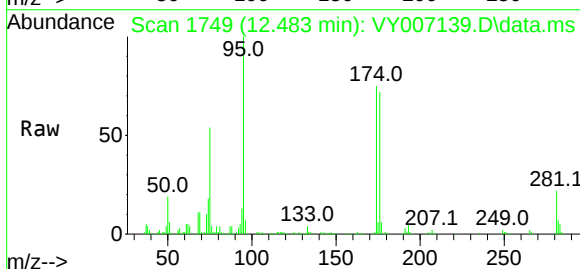
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

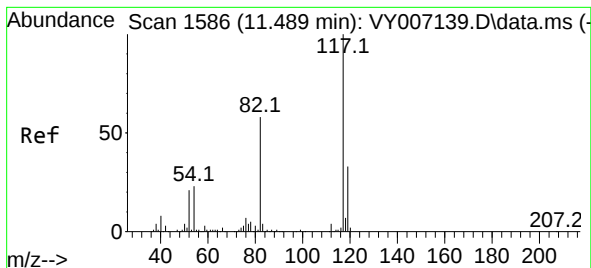
Tgt Ion:107 Resp: 68953  
Ion Ratio Lower Upper  
107 100  
109 92.1 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 48.452 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 95 Resp: 99351  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 148.4  
176 73.6 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

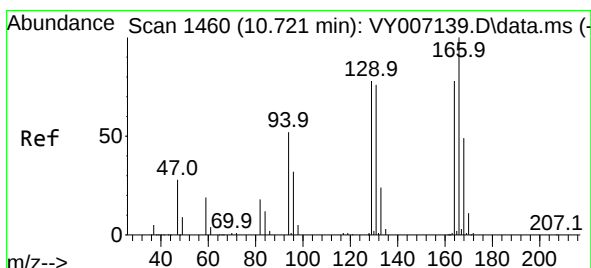
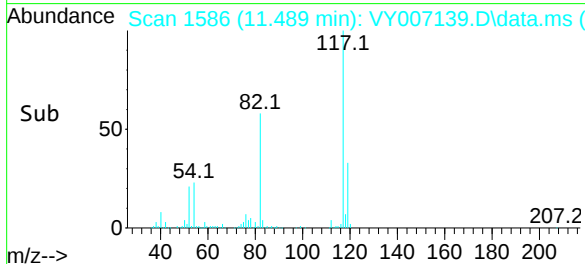
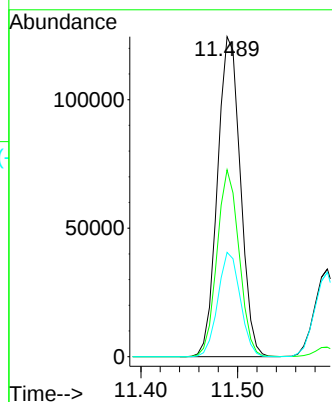
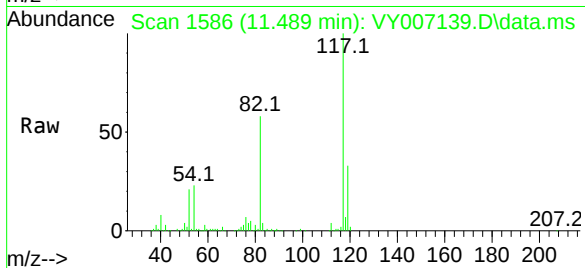
Tgt Ion:117 Resp: 204590

Ion Ratio Lower Upper

117 100

82 58.4 45.4 68.0

119 32.6 26.4 39.6



#64

Tetrachloroethene

Concen: 49.852 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Tgt Ion:164 Resp: 72669

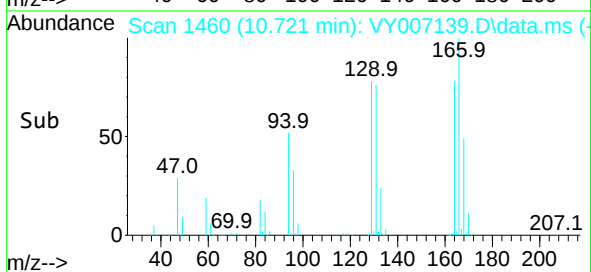
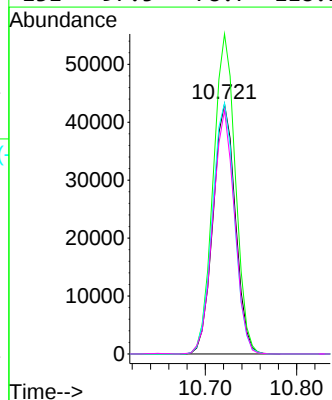
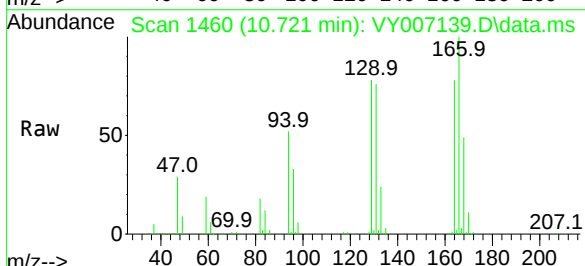
Ion Ratio Lower Upper

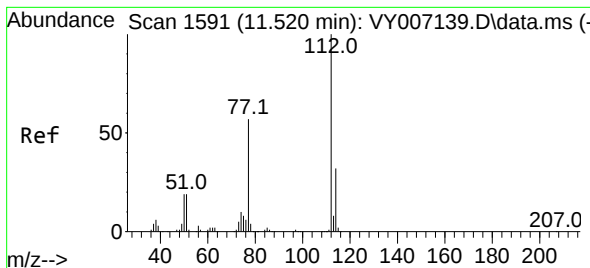
164 100

166 128.0 102.6 154.0

129 100.4 84.6 127.0

131 97.5 78.7 118.1

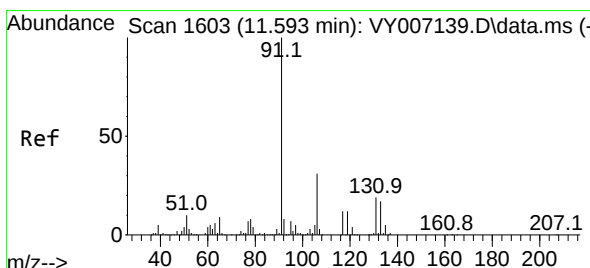
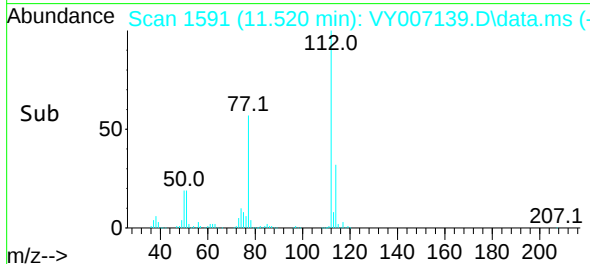
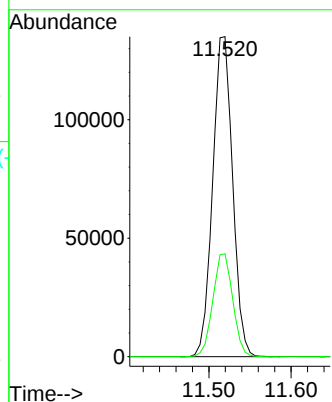
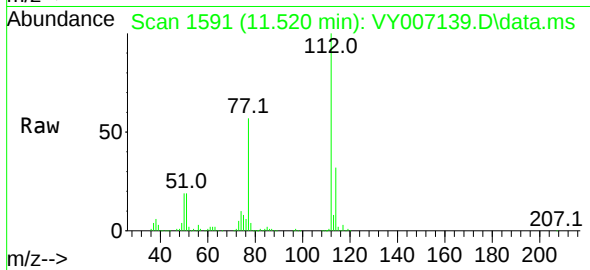




#65  
Chlorobenzene  
Concen: 51.511 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

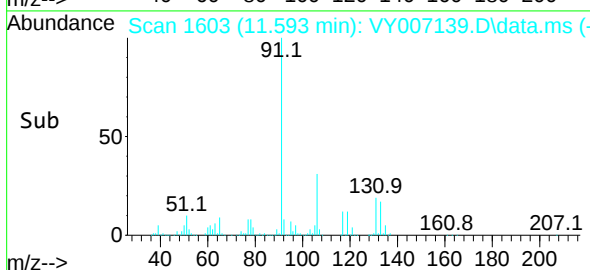
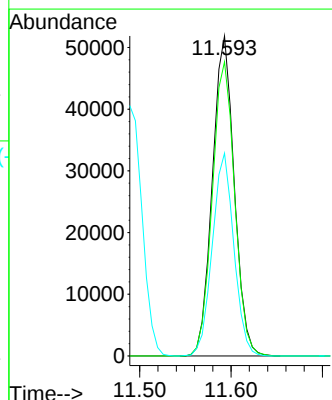
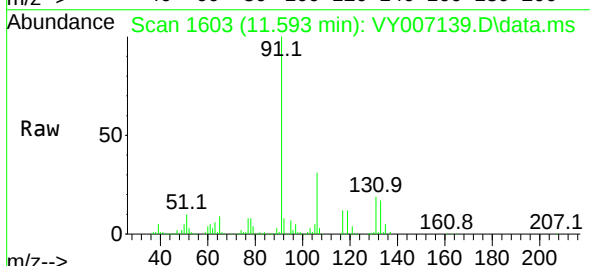
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

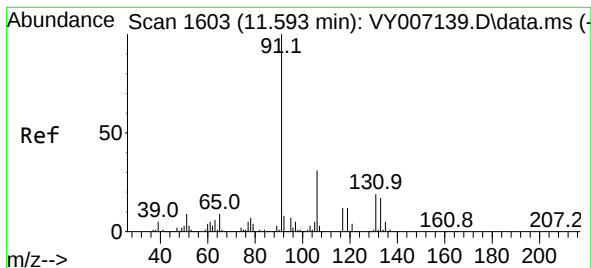
Tgt Ion:112 Resp: 227465  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.382 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion:131 Resp: 86001  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.5 142.5  
119 62.5 32.6 97.7





#67

Ethyl Benzene

Concen: 51.292 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

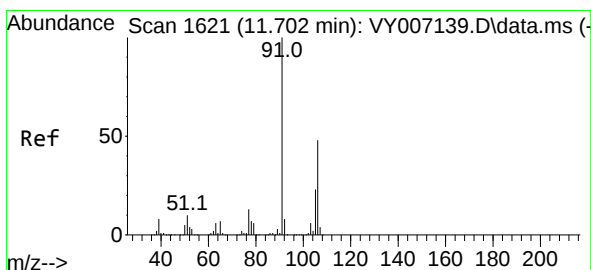
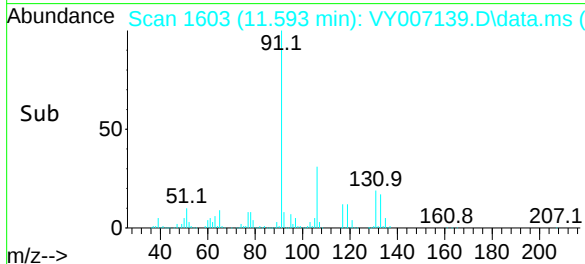
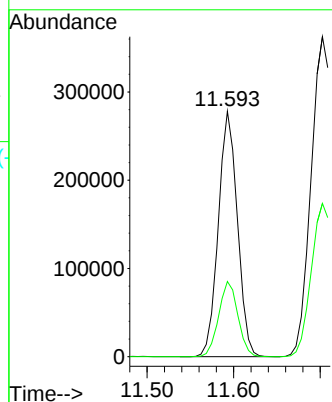
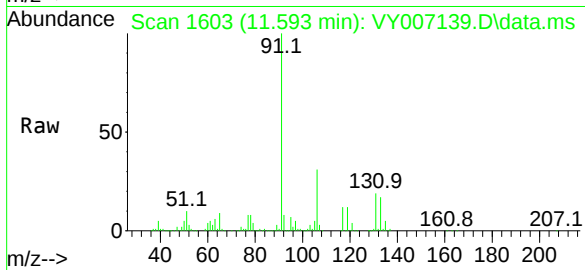
VSTDICCC050

Tgt Ion: 91 Resp: 425182

Ion Ratio Lower Upper

91 100

106 30.6 23.9 35.9



#68

m/p-Xylenes

Concen: 102.262 ug/l

RT: 11.702 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007139.D

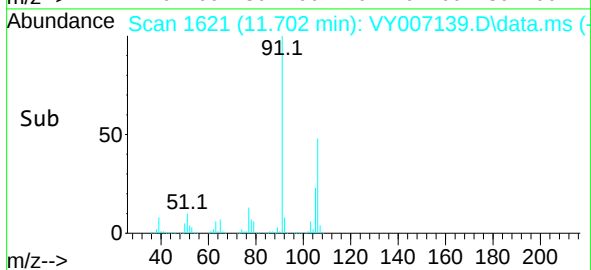
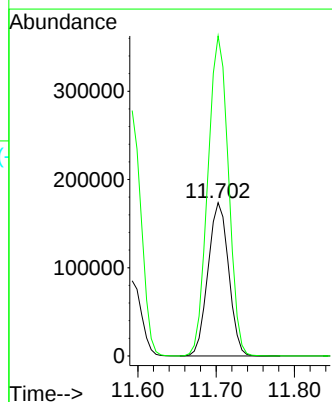
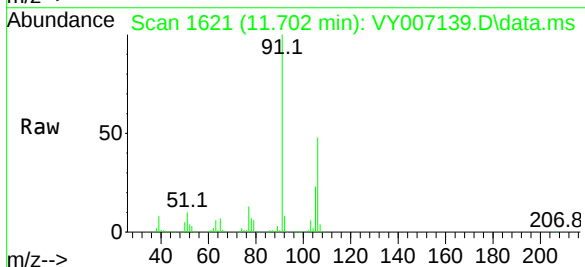
Acq: 13 Jan 2022 12:47

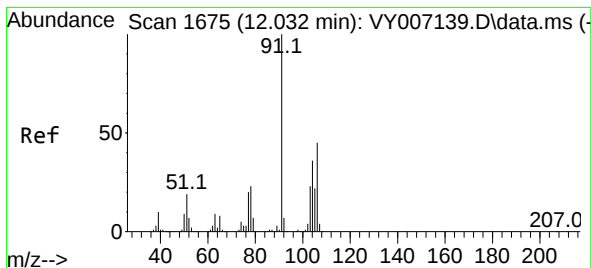
Tgt Ion: 106 Resp: 317235

Ion Ratio Lower Upper

106 100

91 209.2 167.1 250.7





#69

o-Xylene

Concen: 51.078 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

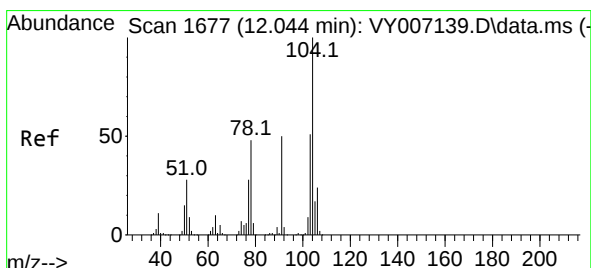
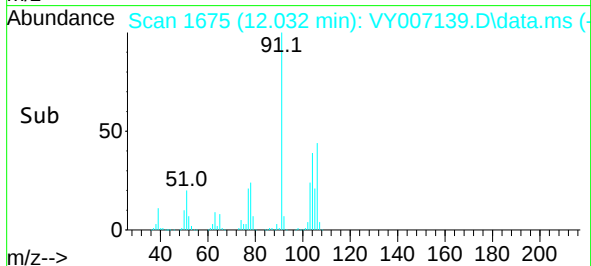
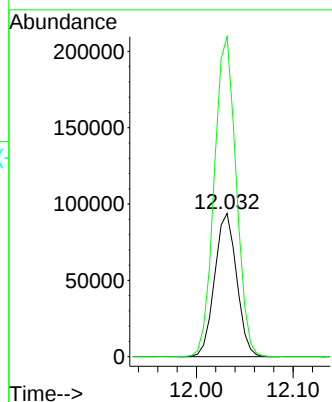
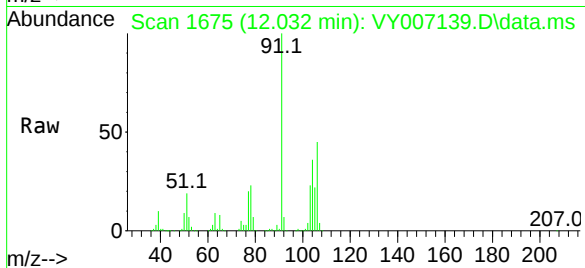
VSTDICCC050

Tgt Ion:106 Resp: 148204

Ion Ratio Lower Upper

106 100

91 223.2 109.9 329.6



#70

Styrene

Concen: 52.164 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

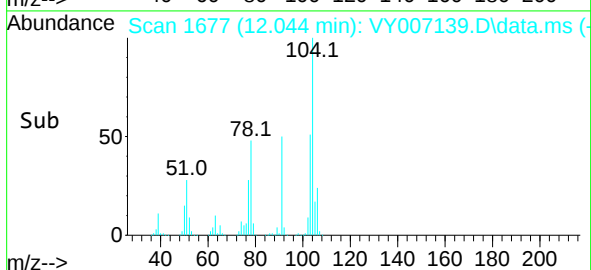
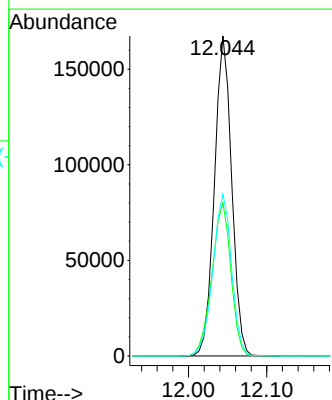
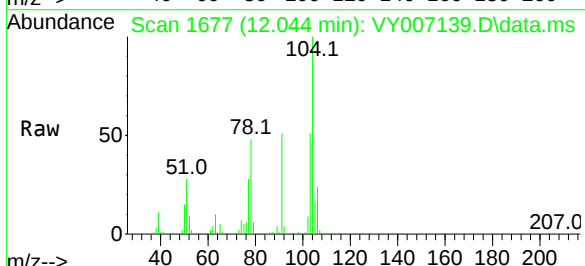
Tgt Ion:104 Resp: 256051

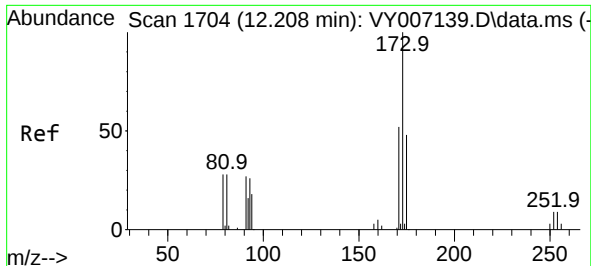
Ion Ratio Lower Upper

104 100

78 52.8 41.4 62.0

103 54.9 44.2 66.2

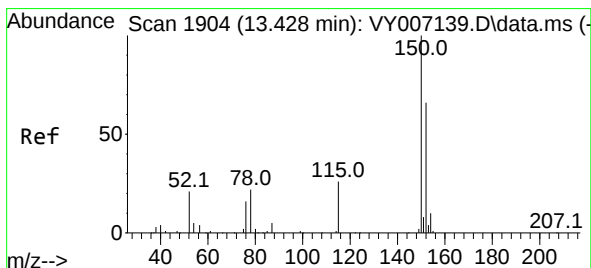
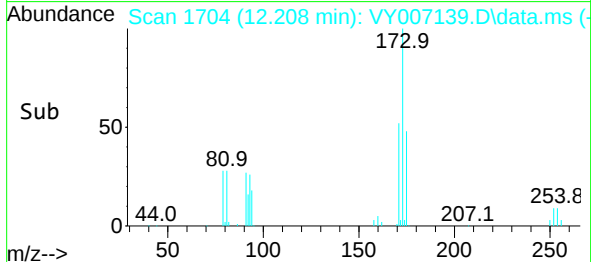
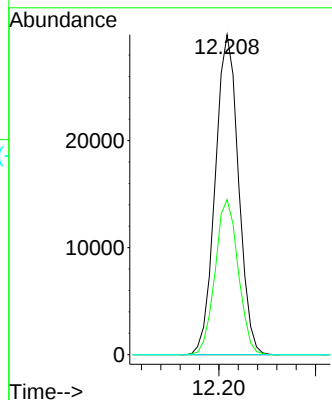
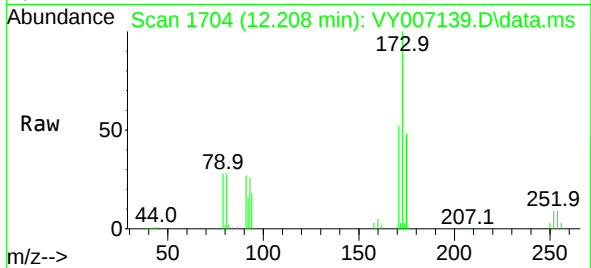




#71  
Bromoform  
Concen: 53.025 ug/l  
RT: 12.208 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

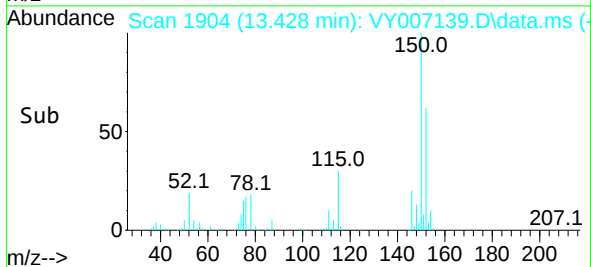
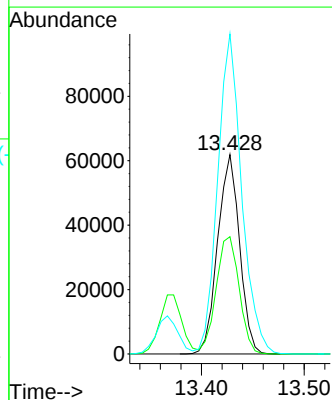
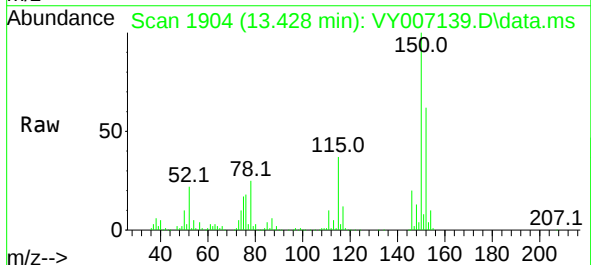
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

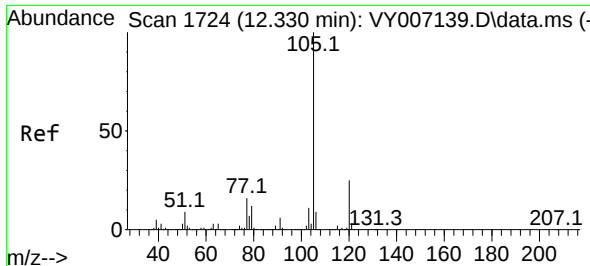
Tgt Ion:173 Resp: 49805  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.8 74.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion:152 Resp: 91444  
Ion Ratio Lower Upper  
152 100  
115 61.9 31.4 94.0  
150 176.4 0.0 348.4

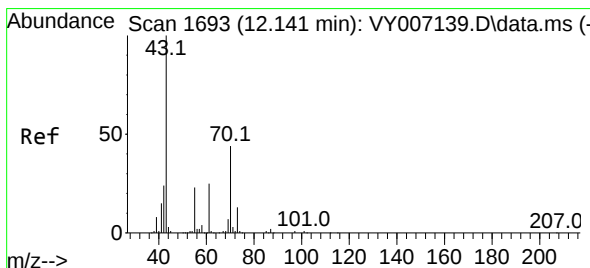
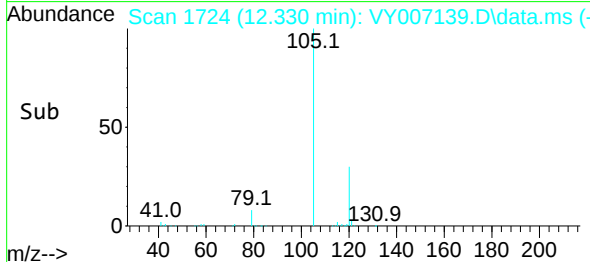
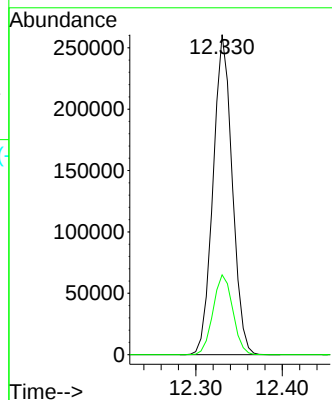
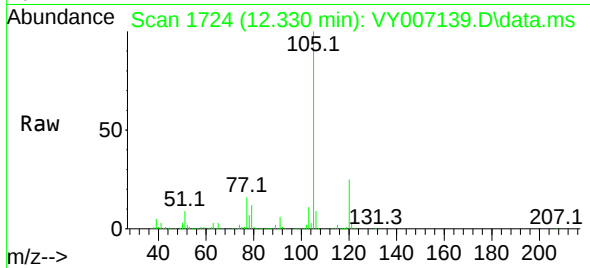




#73  
Isopropylbenzene  
Concen: 51.314 ug/l  
RT: 12.330 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

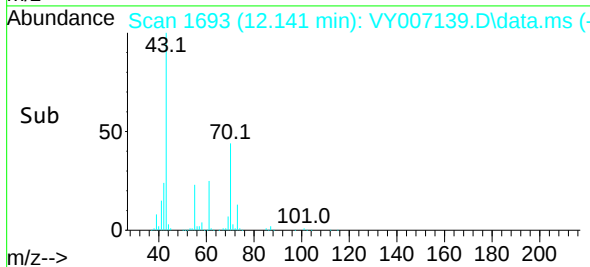
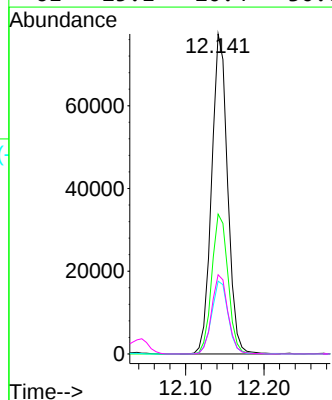
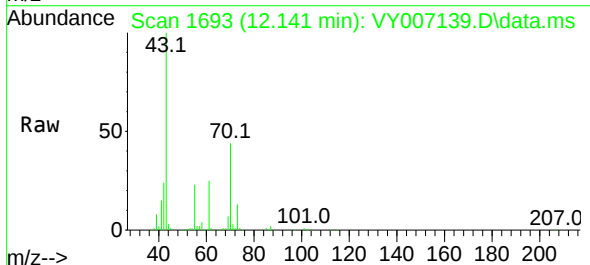
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

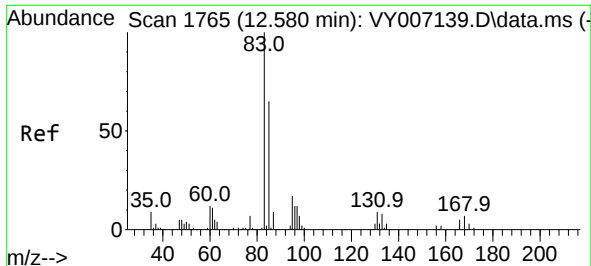
Tgt Ion:105 Resp: 400310  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.1 39.1



#74  
N-ethyl acetate  
Concen: 54.633 ug/l  
RT: 12.141 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 43 Resp: 109415  
Ion Ratio Lower Upper  
43 100  
70 44.4 36.2 54.4  
55 23.5 19.0 28.4  
61 25.1 20.4 30.6

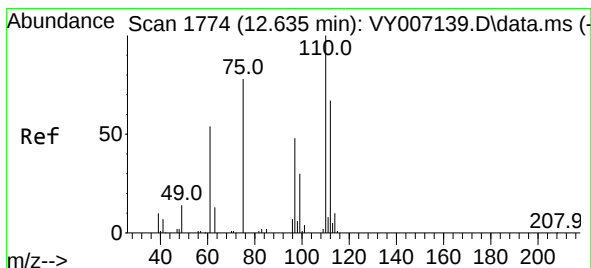
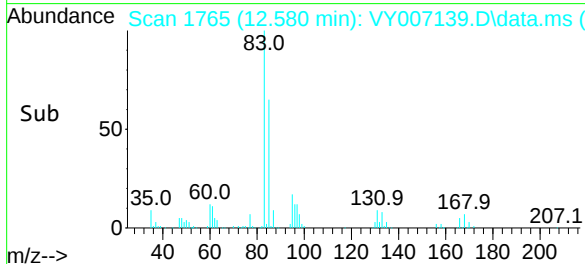
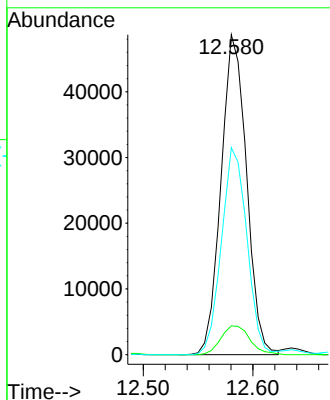
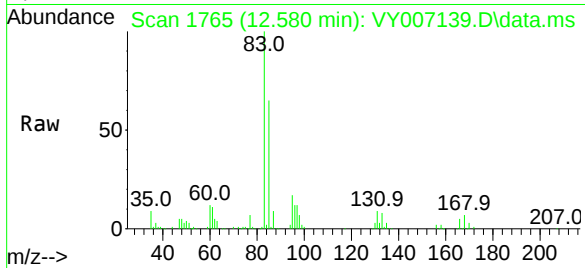




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 52.655 ug/l  
 RT: 12.580 min Scan# 1765  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

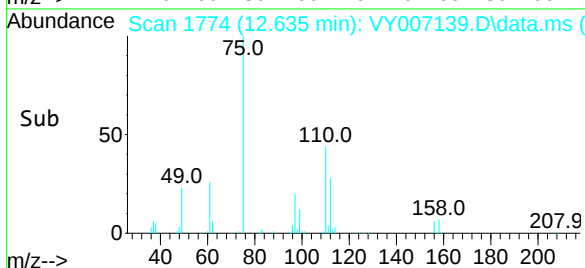
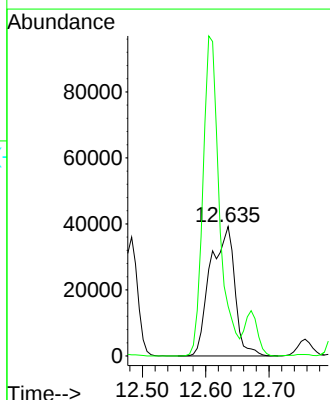
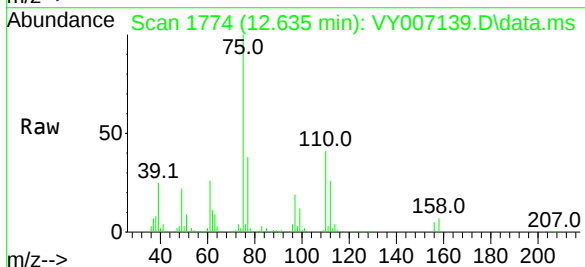
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 ClientSampleId :  
 VSTDICCC050

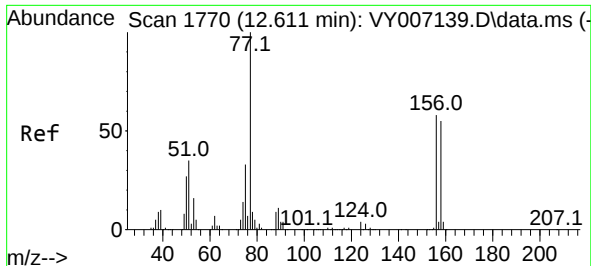
Tgt Ion: 83 Resp: 78523  
 Ion Ratio Lower Upper  
 83 100  
 131 10.3 5.3 16.1  
 85 64.8 32.4 97.2



#76  
 1,2,3-Trichloropropane  
 Concen: 98.493 ug/l  
 RT: 12.635 min Scan# 1774  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

Tgt Ion: 75 Resp: 105424  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

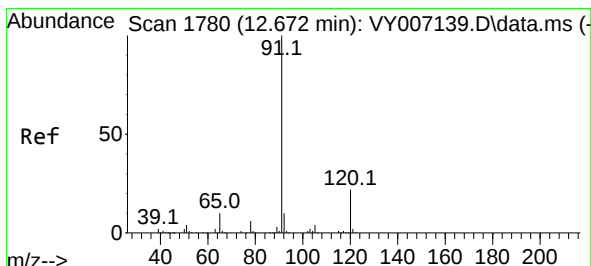
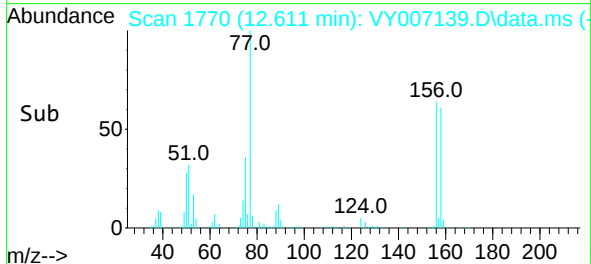
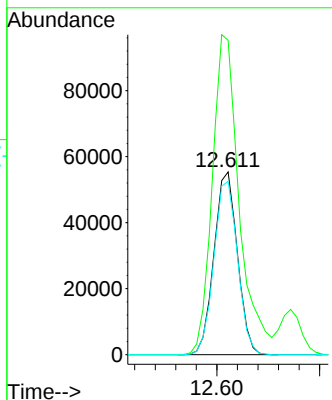
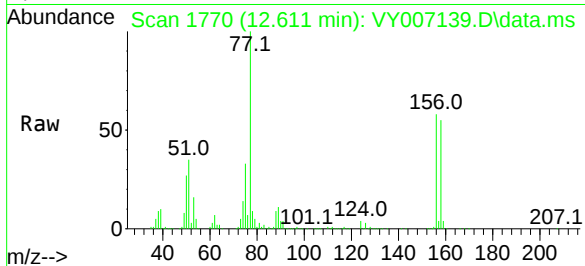




#77  
Bromobenzene  
Concen: 50.834 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

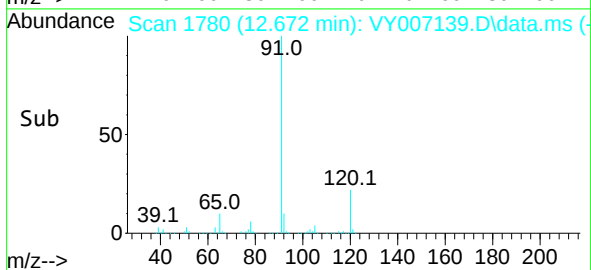
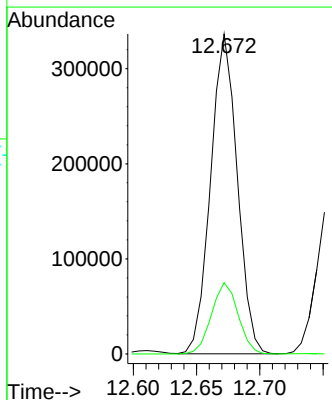
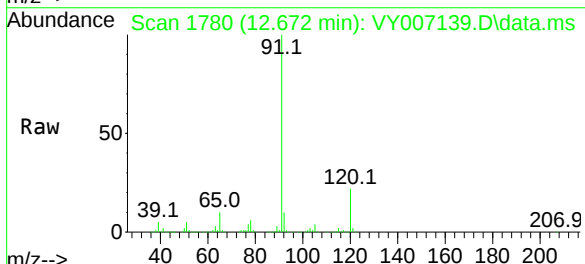
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

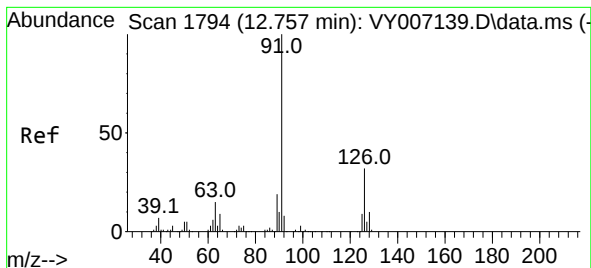
Tgt Ion:156 Resp: 87328  
Ion Ratio Lower Upper  
156 100  
77 201.7 98.7 296.1  
158 96.2 48.4 145.2



#78  
n-propylbenzene  
Concen: 51.678 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 91 Resp: 492555  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.2 33.5





#79

2-Chlorotoluene

Concen: 51.142 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

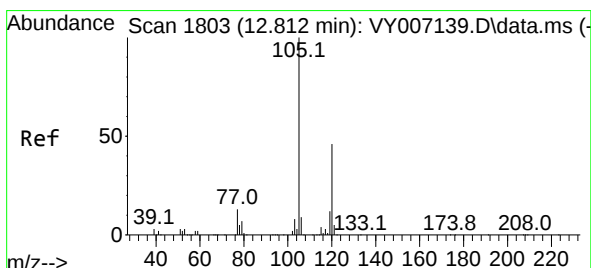
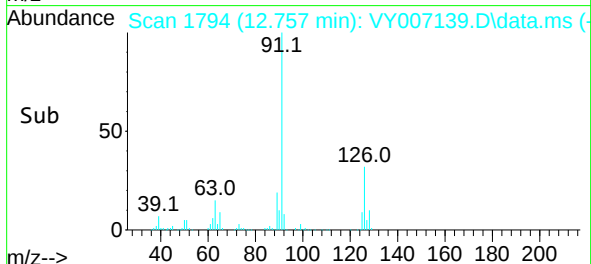
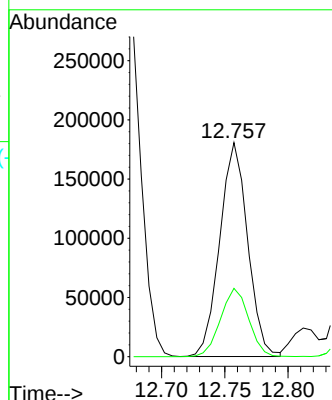
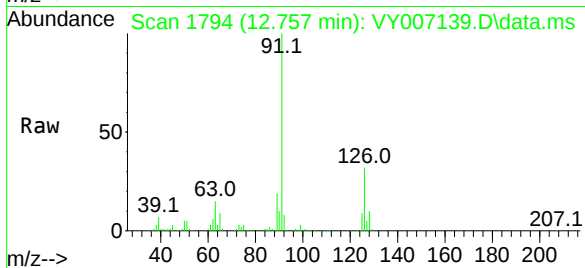
VSTDICCC050

Tgt Ion: 91 Resp: 277151

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 51.142 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007139.D

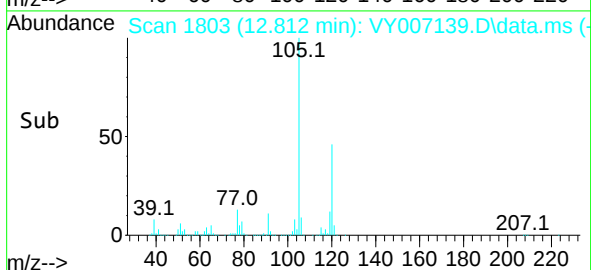
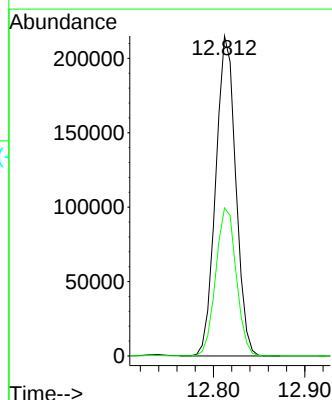
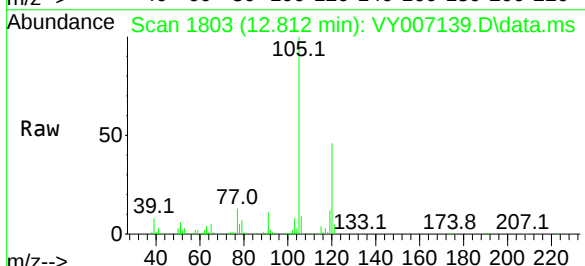
Acq: 13 Jan 2022 12:47

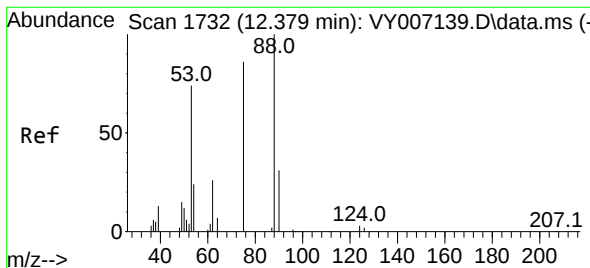
Tgt Ion: 105 Resp: 327770

Ion Ratio Lower Upper

105 100

120 47.3 23.7 71.1

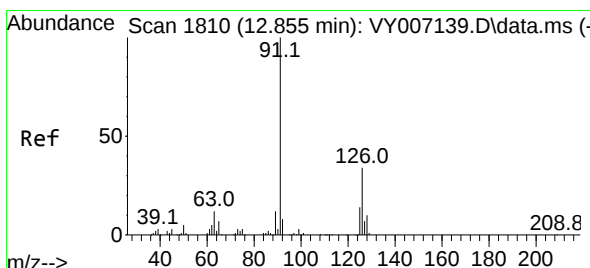
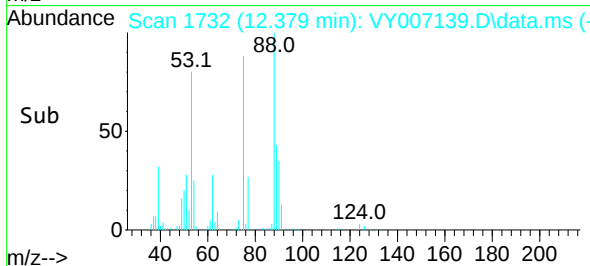
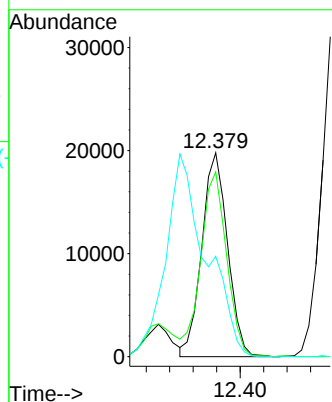
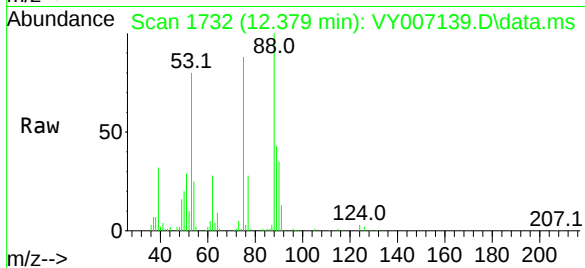




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.667 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

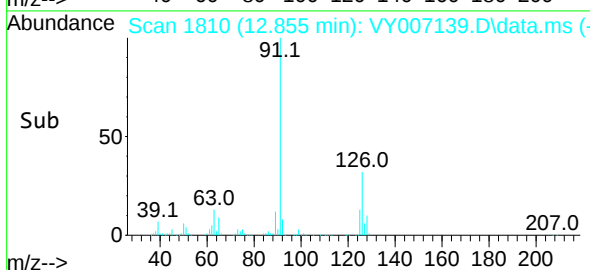
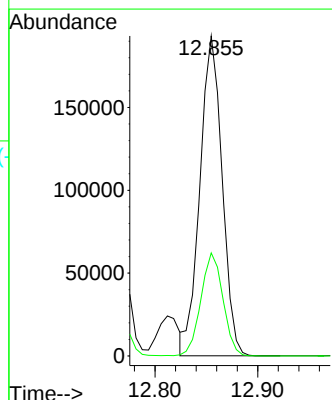
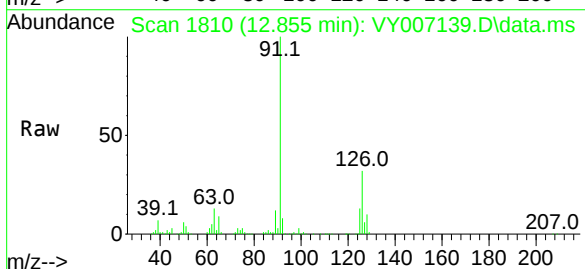
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

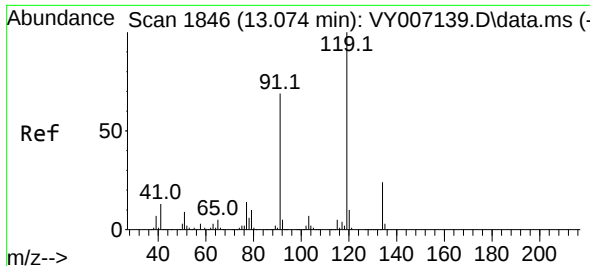
Tgt Ion: 75 Resp: 30050  
Ion Ratio Lower Upper  
75 100  
53 91.3 73.9 110.9  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 51.790 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 91 Resp: 289849  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.3 48.9

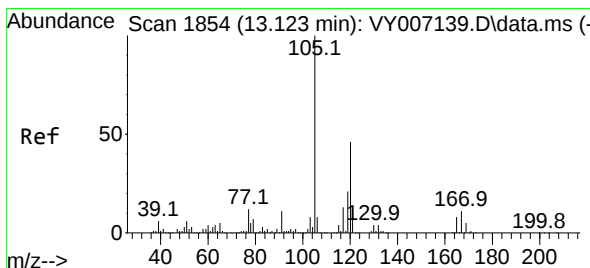
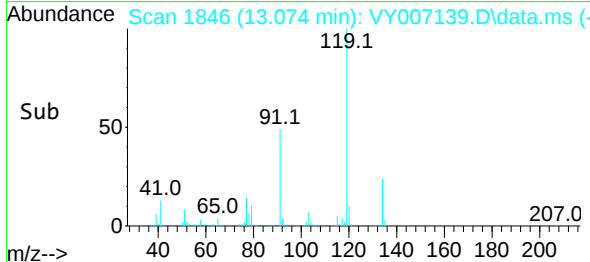
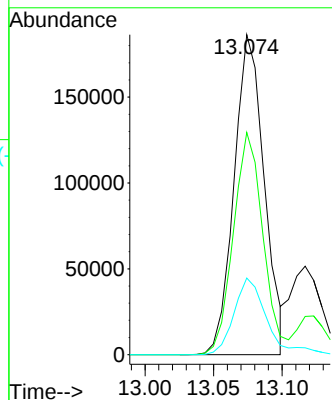
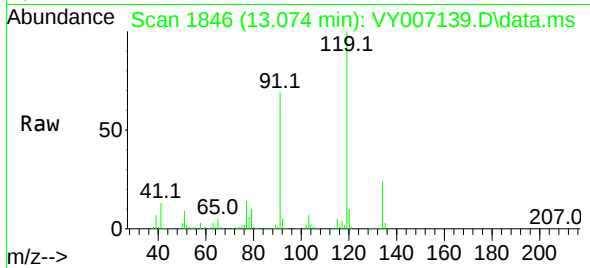




#83  
tert-Butylbenzene  
Concen: 50.651 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

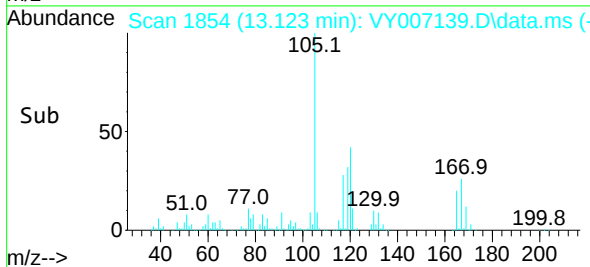
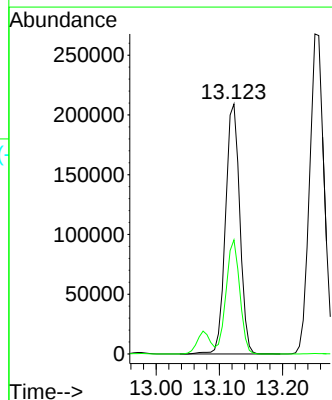
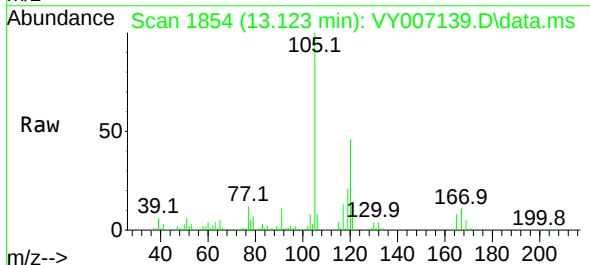
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

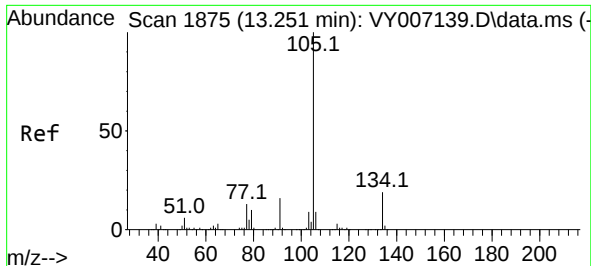
Tgt Ion:119 Resp: 285337  
Ion Ratio Lower Upper  
119 100  
91 68.5 33.1 99.5  
134 26.0 12.9 38.7



#84  
1,2,4-Trimethylbenzene  
Concen: 51.700 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion:105 Resp: 326371  
Ion Ratio Lower Upper  
105 100  
120 43.8 21.6 64.6

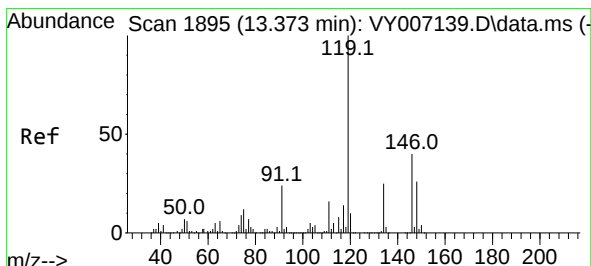
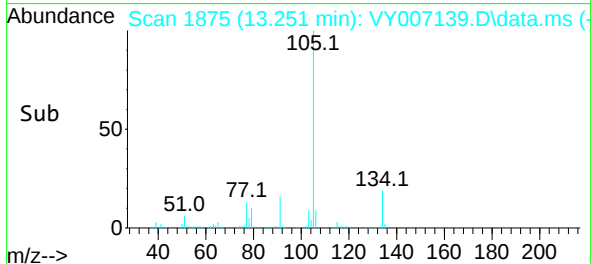
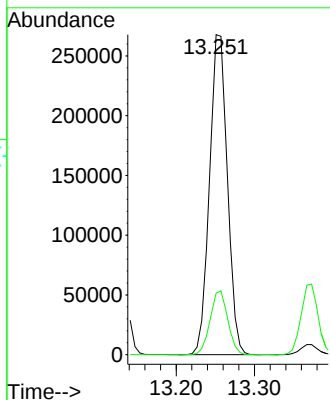
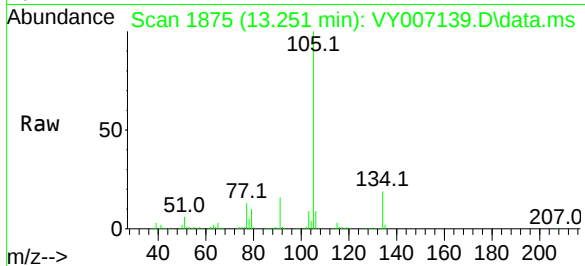




#85  
 sec-Butylbenzene  
 Concen: 51.428 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

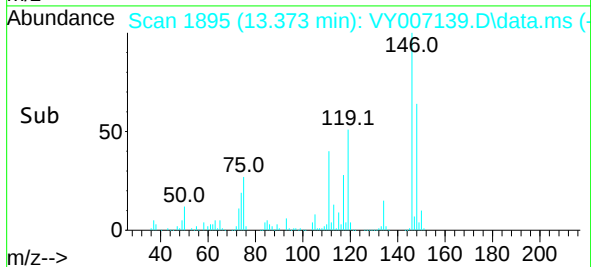
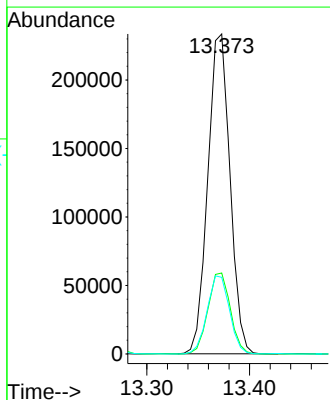
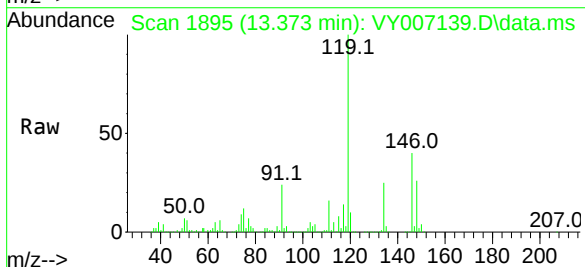
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 ClientSampleId :  
 VSTDICCC050

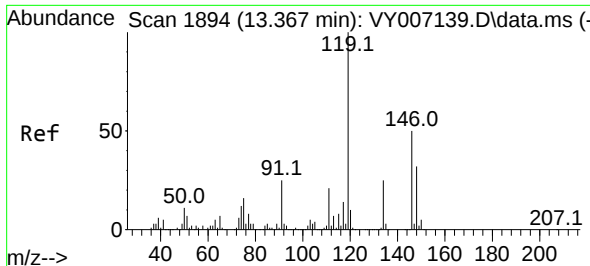
Tgt Ion:105 Resp: 423917  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 51.795 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY007139.D  
 Acq: 13 Jan 2022 12:47

Tgt Ion:119 Resp: 350305  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.9 38.7  
 91 24.6 12.4 37.2

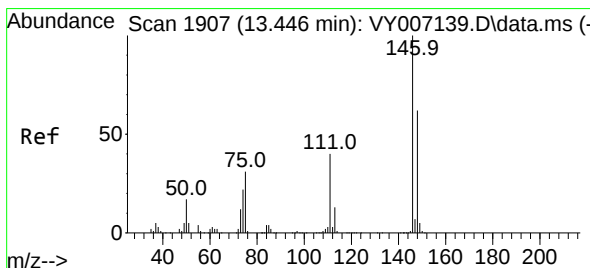
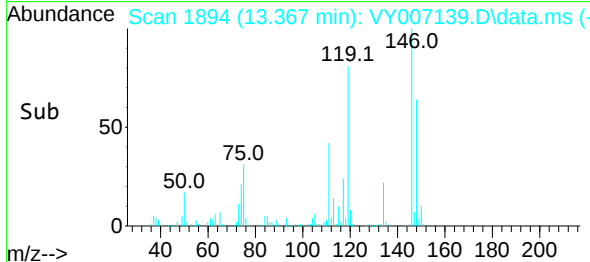
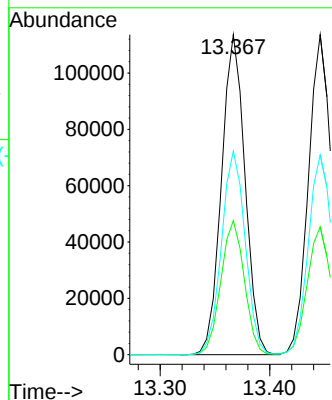
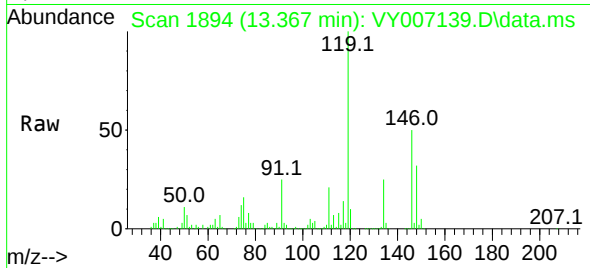




#87  
1,3-Dichlorobenzene  
Concen: 51.045 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

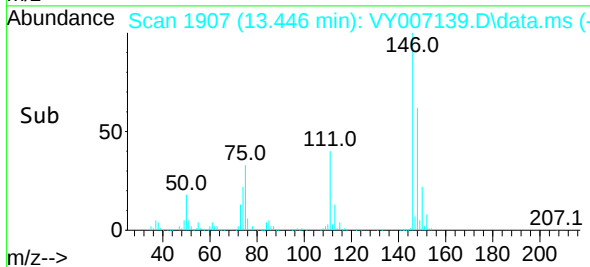
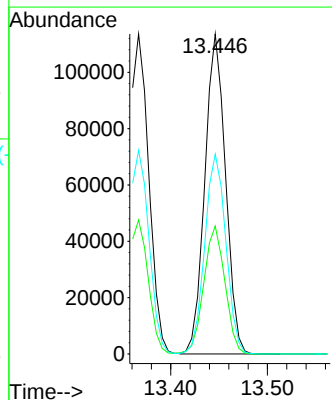
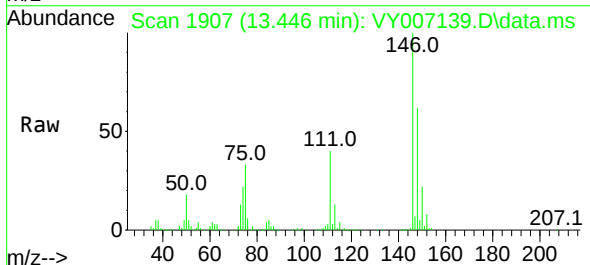
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MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

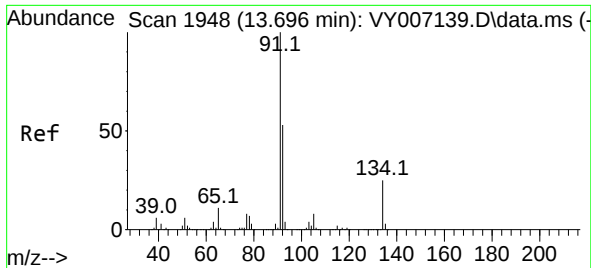
Tgt Ion:146 Resp: 169519  
Ion Ratio Lower Upper  
146 100  
111 41.8 21.1 63.1  
148 64.3 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 51.058 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion:146 Resp: 169251  
Ion Ratio Lower Upper  
146 100  
111 40.9 20.7 62.1  
148 63.9 32.0 96.2

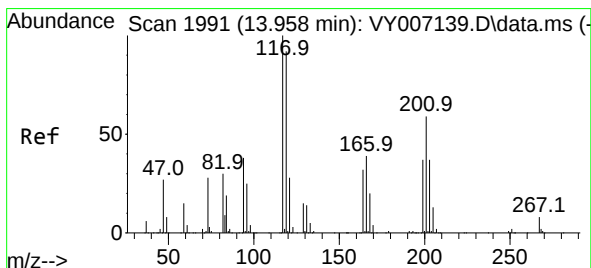
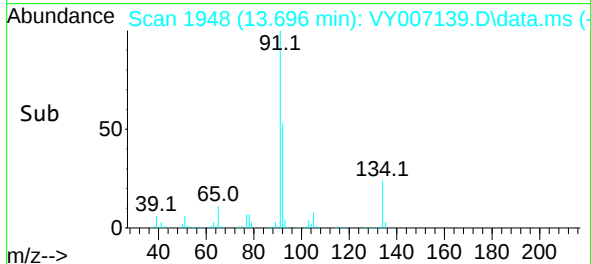
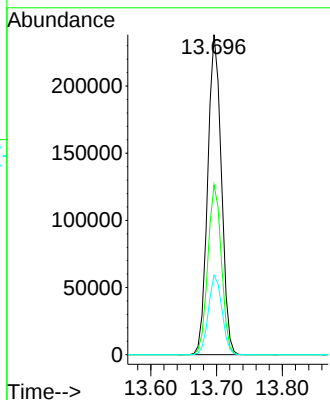
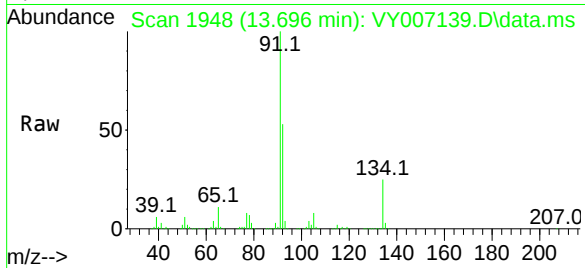




#89  
n-Butylbenzene  
Concen: 52.157 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

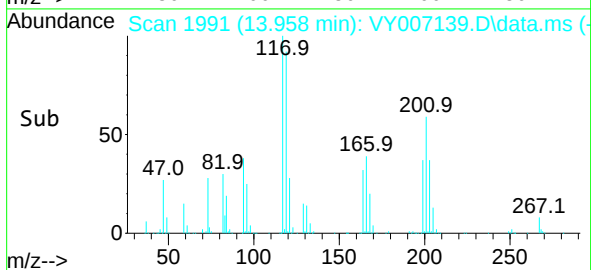
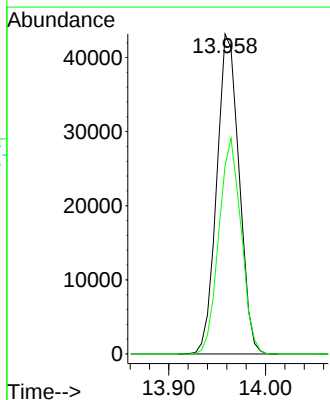
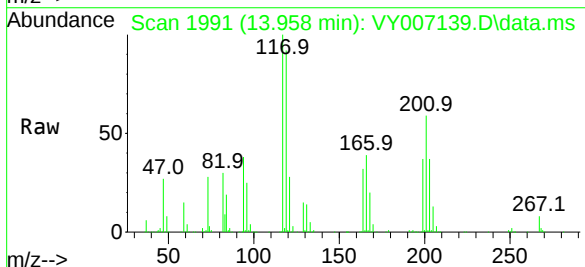
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MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

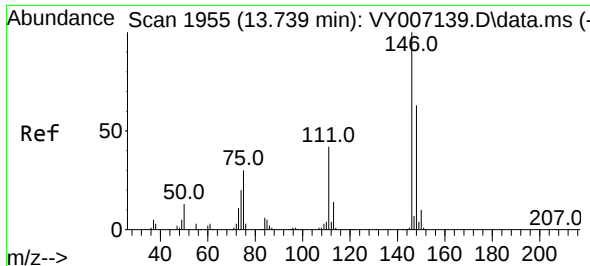
Tgt Ion: 91 Resp: 344051  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.9 80.6  
134 24.6 12.6 37.6



#90  
Hexachloroethane  
Concen: 51.767 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 117 Resp: 69278  
Ion Ratio Lower Upper  
117 100  
201 67.4 33.6 100.6

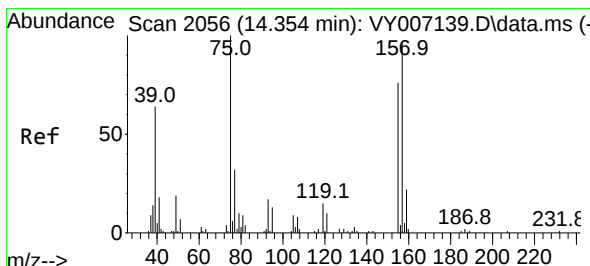
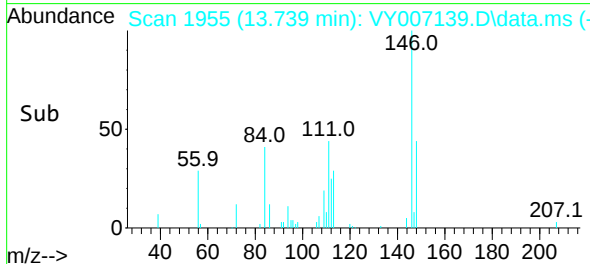
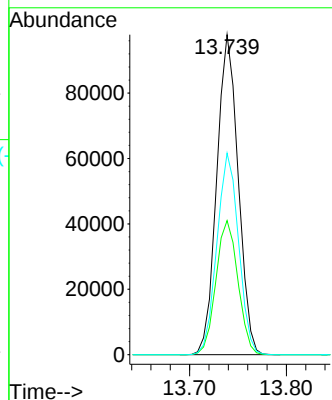
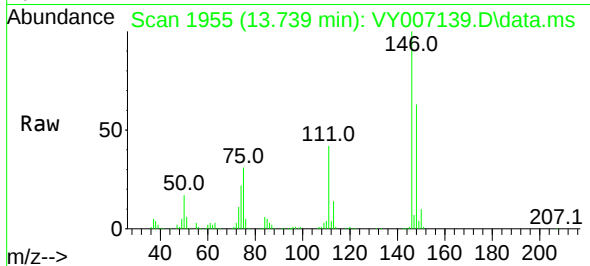




#91  
1,2-Dichlorobenzene  
Concen: 51.549 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

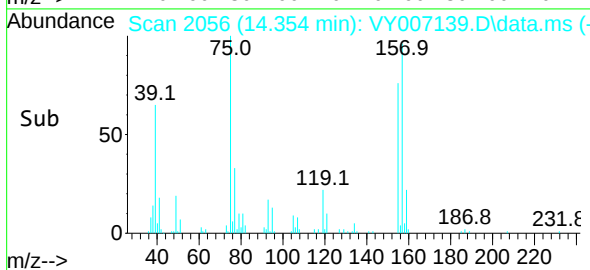
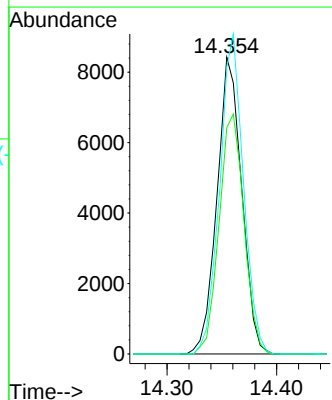
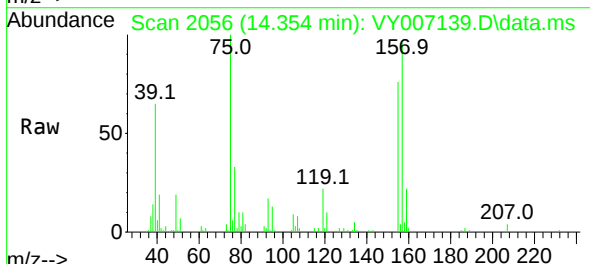
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MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

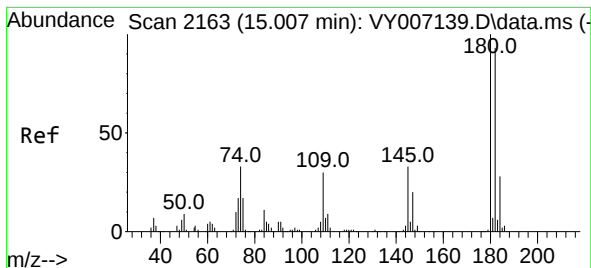
Tgt Ion:146 Resp: 150710  
Ion Ratio Lower Upper  
146 100  
111 42.9 21.4 64.3  
148 63.5 31.1 93.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.074 ug/l  
RT: 14.354 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: VY007139.D  
Acq: 13 Jan 2022 12:47

Tgt Ion: 75 Resp: 13207  
Ion Ratio Lower Upper  
75 100  
155 81.2 40.1 120.2  
157 103.4 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 52.524 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

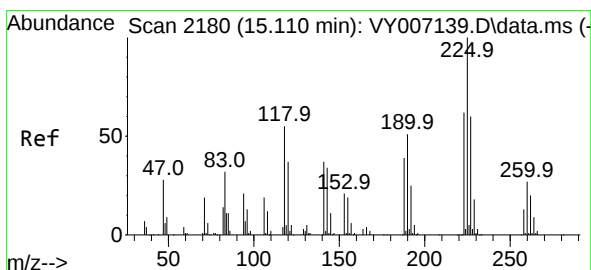
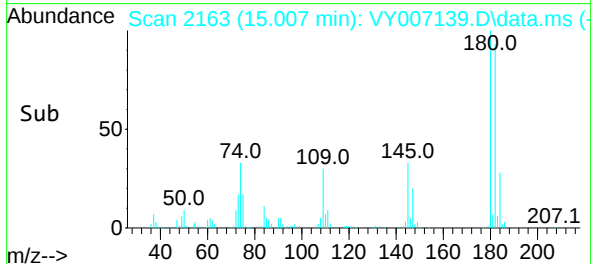
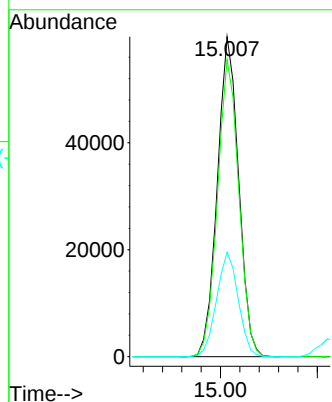
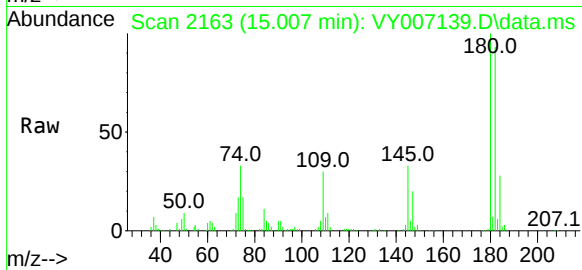
Tgt Ion:180 Resp: 91356

Ion Ratio Lower Upper

180 100

182 93.1 47.6 142.8

145 33.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 51.429 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

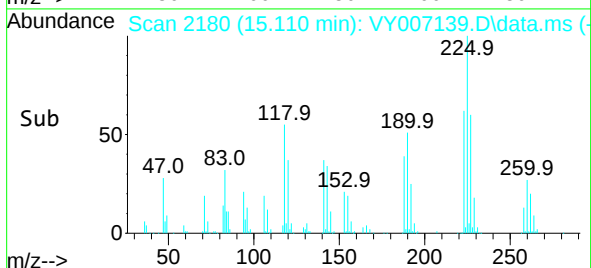
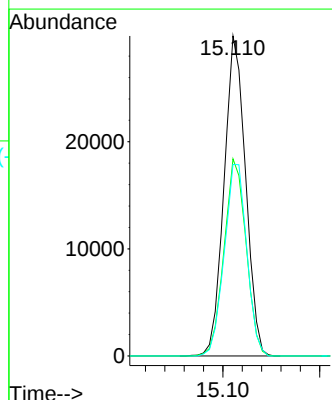
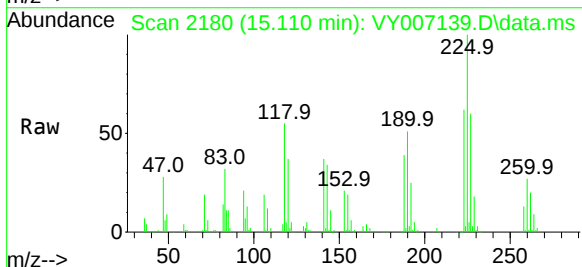
Tgt Ion:225 Resp: 46120

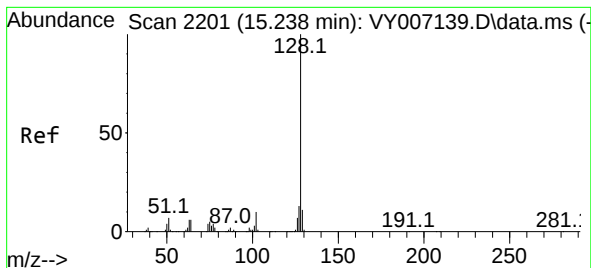
Ion Ratio Lower Upper

225 100

223 63.0 32.6 97.8

227 62.5 32.0 96.2





#95

Naphthalene

Concen: 53.265 ug/l

RT: 15.238 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

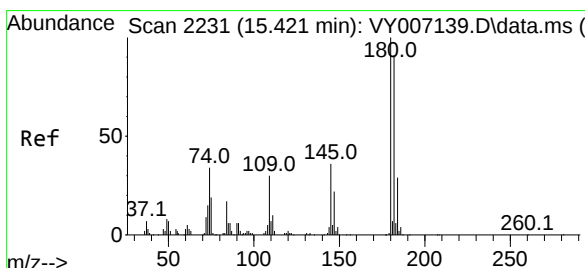
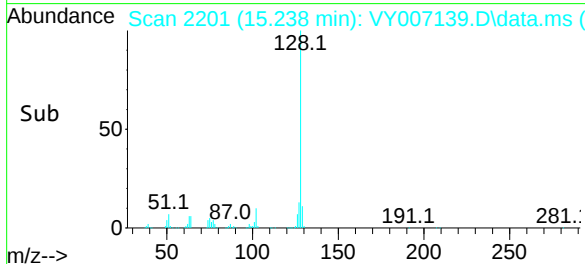
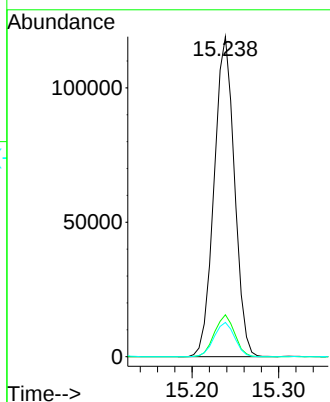
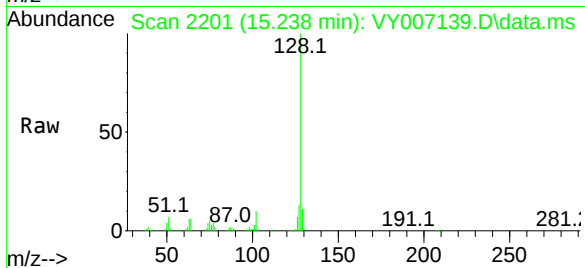
Tgt Ion:128 Resp: 193958

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 52.765 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007139.D

Acq: 13 Jan 2022 12:47

Tgt Ion:180 Resp: 77292

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 34.8 17.2 51.5

