

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072722\  
 Data File : VY009713.D  
 Acq On : 27 Jul 2022 09:37  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 28 02:43:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 27 04:24:58 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 210777   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 313450   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 281472   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 146640   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 69891    | 49.797   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.600% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 79703    | 46.753   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 93.500% |
| 50) Toluene-d8              | 10.179 | 98    | 238004   | 47.746   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 125 | Recovery | =    | 95.500% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 111020   | 49.113   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 146 | Recovery | =    | 98.220% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 81893   | 43.642  | ug/l   | 97  |
| 3) Chloromethane             | 2.107 | 50  | 119239  | 51.900  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.247 | 62  | 129337  | 50.446  | ug/l   | 97  |
| 5) Bromomethane              | 2.644 | 94  | 89798   | 50.522  | ug/l   | 95  |
| 6) Chloroethane              | 2.784 | 64  | 79299   | 51.702  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 157208  | 46.416  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.521 | 74  | 53276   | 48.530  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 91013   | 47.520  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.082 | 142 | 120342  | 48.426  | ug/l   | 88  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 45543   | 219.537 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 85693   | 47.592  | ug/l   | 86  |
| 13) Acrolein                 | 3.723 | 56  | 7281    | 218.742 | ug/l   | 99  |
| 14) Allyl chloride           | 4.466 | 41  | 139076  | 49.126  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.149 | 53  | 137380  | 259.832 | ug/l   | 97  |
| 16) Acetone                  | 3.942 | 43  | 151400  | 300.422 | ug/l   | 90  |
| 17) Carbon Disulfide         | 4.186 | 76  | 274537  | 49.556  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.466 | 43  | 64504   | 49.678  | ug/l # | 91  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 248419  | 50.522  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.704 | 84  | 105428  | 42.036  | ug/l   | 87  |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 102363  | 48.925  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.106 | 45  | 312381  | 51.812  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.051 | 43  | 1032539 | 254.430 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 172496  | 49.369  | ug/l   | 98  |
| 25) 2-Butanone               | 6.972 | 43  | 207745  | 279.435 | ug/l # | 89  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 158022  | 47.574  | ug/l   | 93  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 117500  | 50.066  | ug/l   | 86  |
| 28) Bromochloromethane       | 7.326 | 49  | 63992   | 50.805  | ug/l # | 79  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 121168  | 257.367 | ug/l # | 87  |
| 30) Chloroform               | 7.496 | 83  | 183087  | 50.089  | ug/l   | 99  |
| 31) Cyclohexane              | 7.777 | 56  | 157793  | 47.051  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 164098  | 50.015  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 142302  | 51.299  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.064 | 43  | 81324   | 49.464  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 150570  | 50.656  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 174708  | 50.844  | ug/l   | 89  |
| 40) Benzene                  | 8.155 | 78  | 416341  | 50.655  | ug/l   | 97  |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 28 02:43:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 27 04:24:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 110186   | 131.542 | ug/l # | 37       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 117795   | 51.405  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 148180   | 51.587  | ug/l # | 92       |
| 44) Trichloroethene           | 8.935  | 130  | 116899   | 49.580  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 101532   | 50.878  | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 62120    | 52.322  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.490  | 83   | 140672   | 51.574  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 67467    | 53.414  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 17257    | 998.510 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 418217   | 286.203 | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 265385   | 51.549  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 146930   | 52.162  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 166690   | 51.526  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 86337    | 51.430  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 117742   | 56.299  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 143391   | 52.521  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 272779   | 253.920 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.831 | 43   | 312548   | 300.123 | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.984 | 129  | 104983   | 51.705  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 84723    | 51.811  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 110634   | 49.851  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.514 | 112  | 282651   | 50.043  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 106758   | 50.792  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 506115   | 51.841  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 405768   | 104.702 | ug/l   | 91       |
| 69) o-Xylene                  | 12.032 | 106  | 190689   | 52.615  | ug/l   | 90       |
| 70) Styrene                   | 12.044 | 104  | 325776   | 53.484  | ug/l   | 94       |
| 71) Bromoform                 | 12.209 | 173  | 71812    | 53.504  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 499493   | 51.240  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 142706   | 56.677  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 101731   | 53.056  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 133990   | 98.372  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 123456   | 50.995  | ug/l   | 90       |
| 78) n-propylbenzene           | 12.672 | 91   | 604124   | 52.150  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 332278   | 50.681  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 419741   | 51.955  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 36948    | 54.071  | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 350241   | 51.354  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 360642   | 49.673  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 415036   | 50.969  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 548158   | 51.423  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 467156   | 51.815  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 246263   | 50.379  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 244791   | 49.728  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 429039   | 51.942  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 86956    | 49.030  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 219274   | 50.228  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 16688    | 51.795  | ug/l   | 74       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 139296   | 50.555  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 82307    | 49.337  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 281661   | 54.536  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 123405   | 51.208  | ug/l   | 99       |

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Acq On : 27 Jul 2022 09:37  
Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

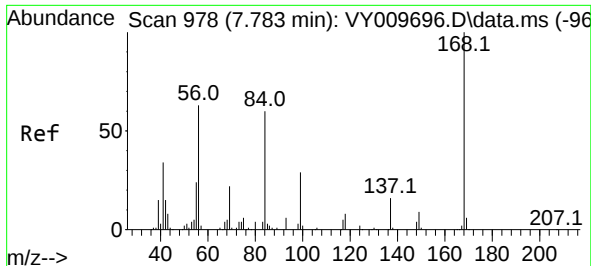
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Quant Time: Jul 28 02:43:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 27 04:24:58 2022  
Response via : Initial Calibration

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

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

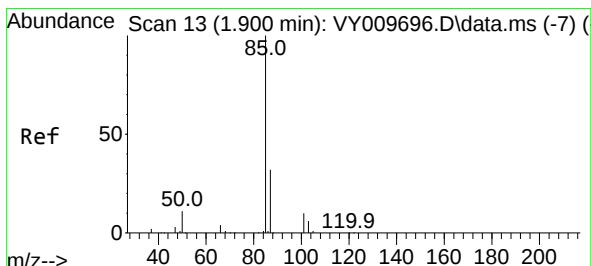
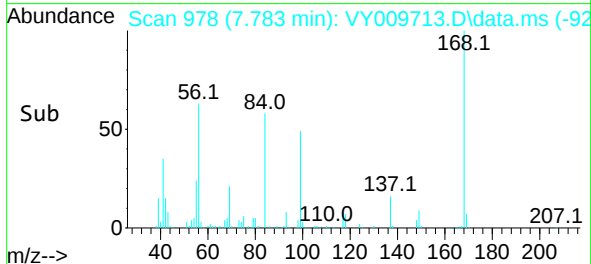
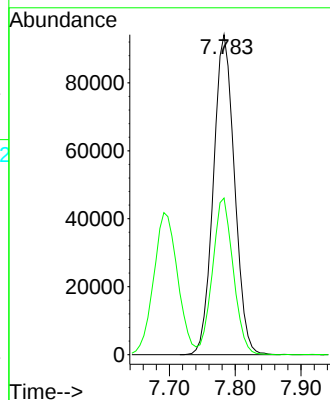
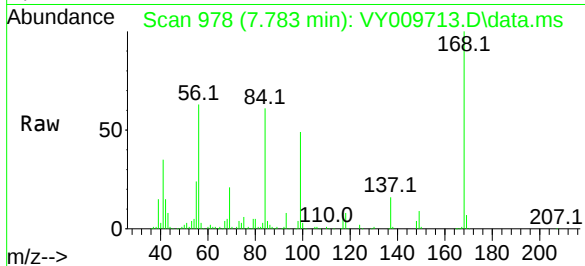




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

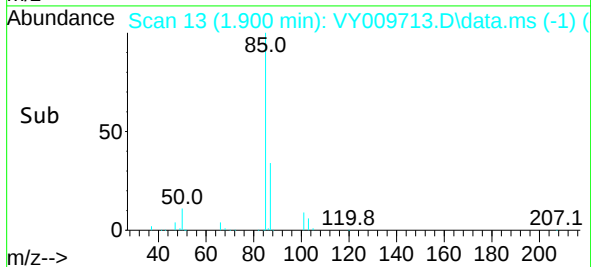
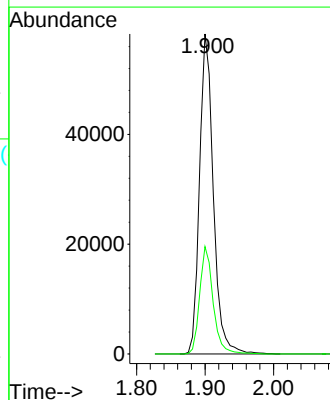
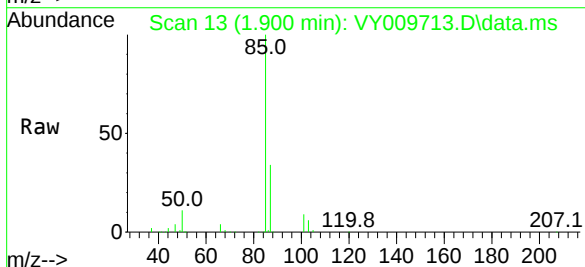
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

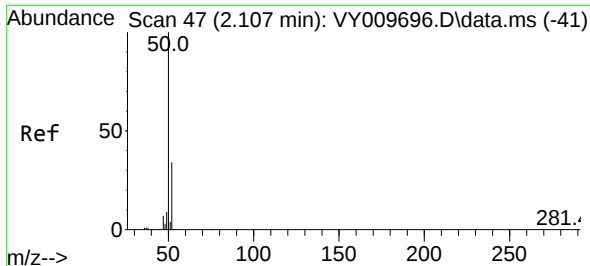
Tgt Ion:168 Resp: 210777  
Ion Ratio Lower Upper  
168 100  
99 48.9 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 43.642 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 85 Resp: 81893  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.1 48.2

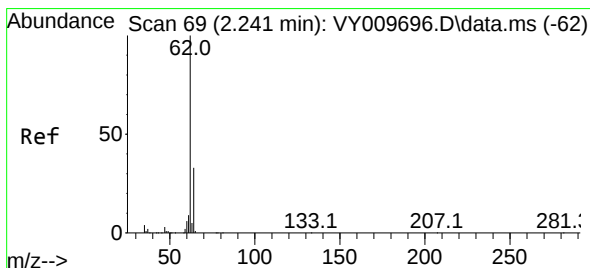
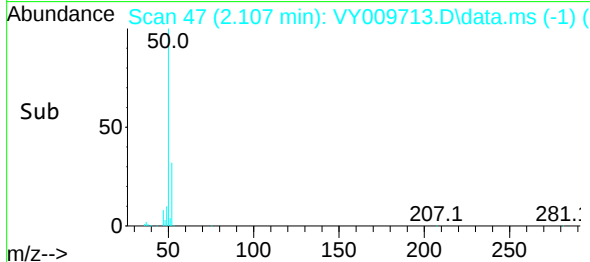
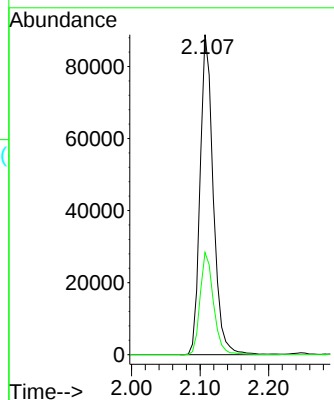
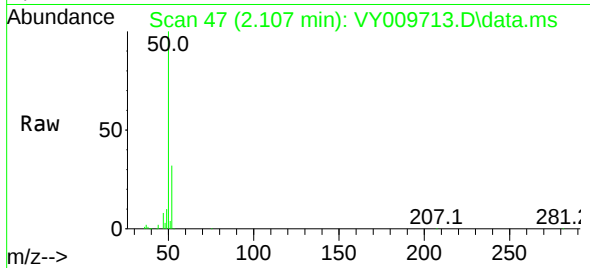




#3  
Chloromethane  
Concen: 51.900 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

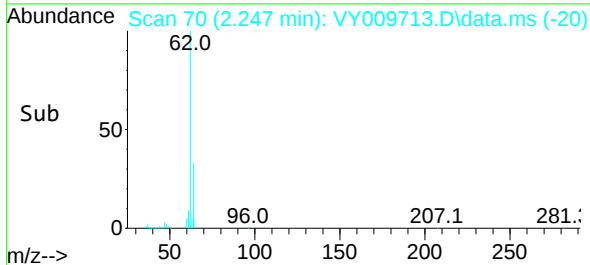
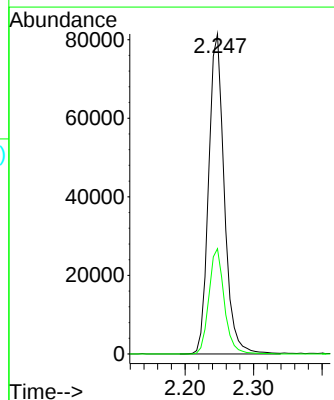
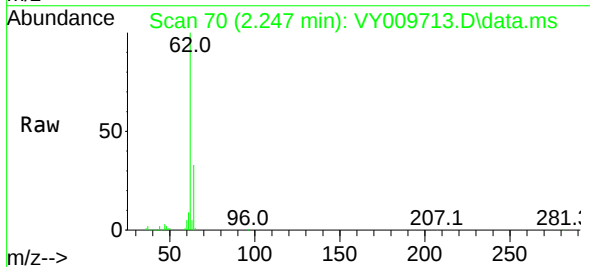
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

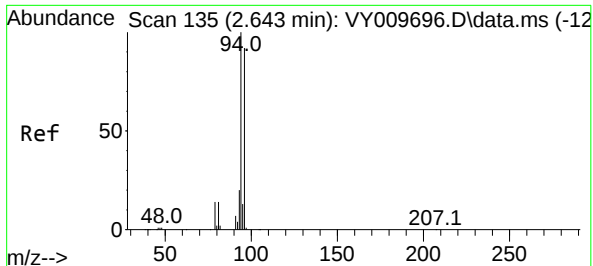
Tgt Ion: 50 Resp: 119239  
Ion Ratio Lower Upper  
50 100  
52 32.0 24.6 37.0



#4  
Vinyl Chloride  
Concen: 50.446 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 62 Resp: 129337  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.0 37.6

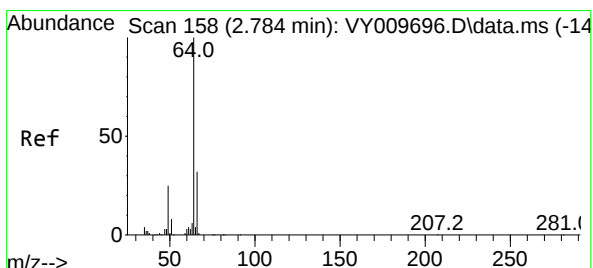
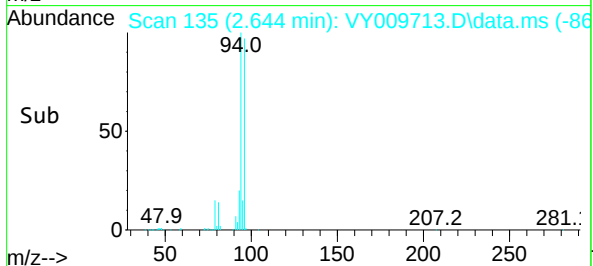
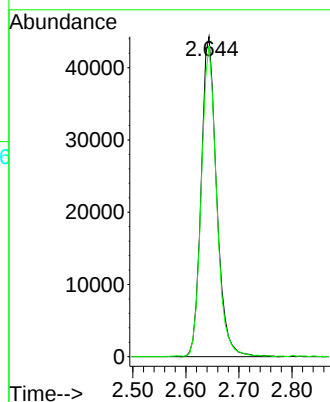
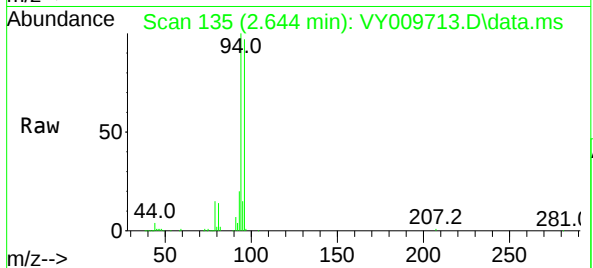




#5  
Bromomethane  
Concen: 50.522 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

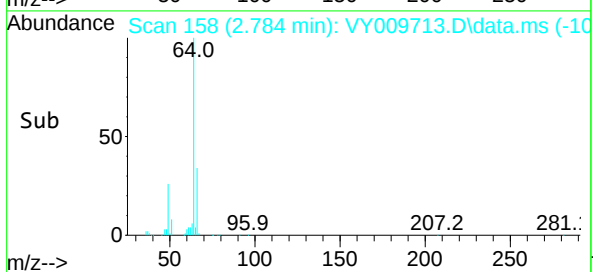
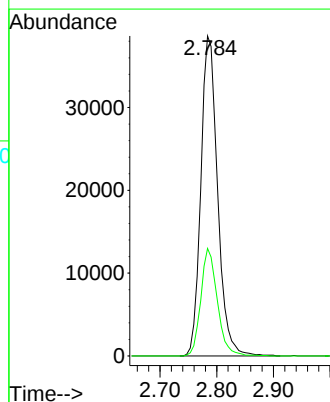
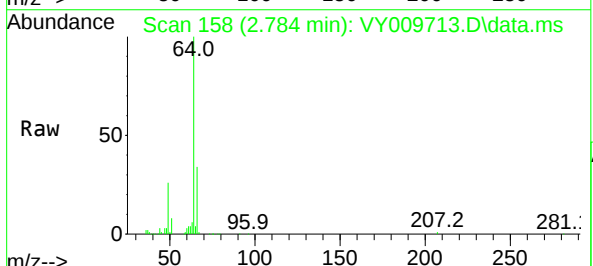
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

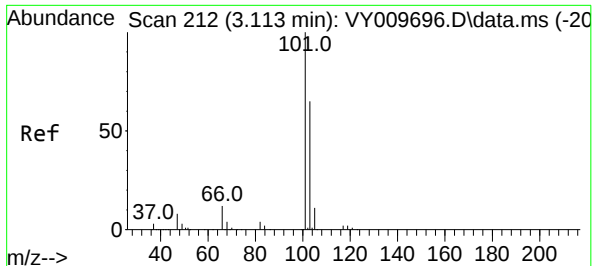
Tgt Ion: 94 Resp: 89798  
Ion Ratio Lower Upper  
94 100  
96 97.0 73.5 110.3



#6  
Chloroethane  
Concen: 51.702 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 64 Resp: 79299  
Ion Ratio Lower Upper  
64 100  
66 33.6 25.4 38.0

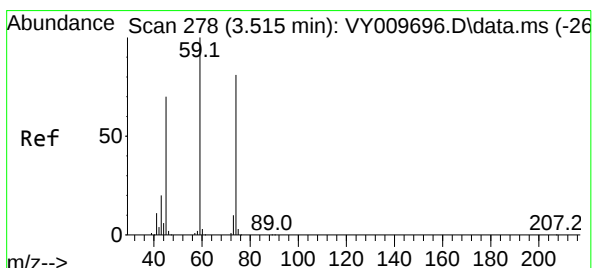
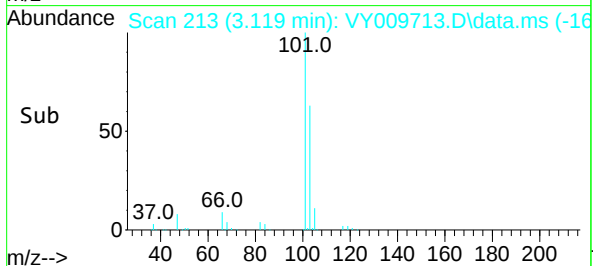
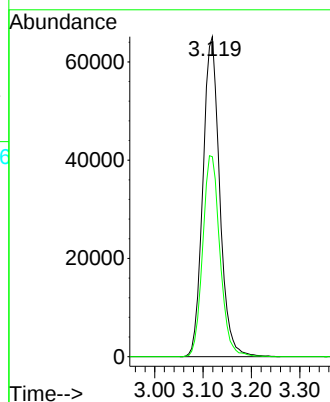
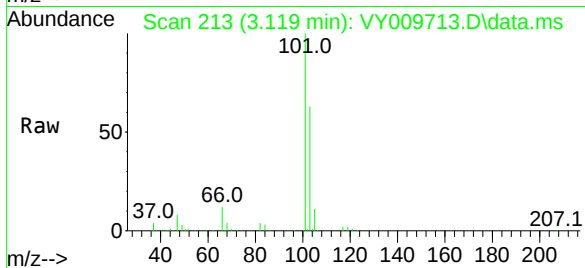




#7  
Trichlorofluoromethane  
Concen: 46.416 ug/l  
RT: 3.119 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

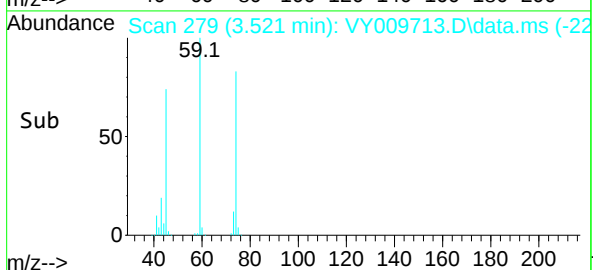
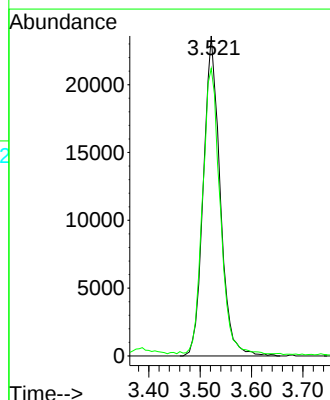
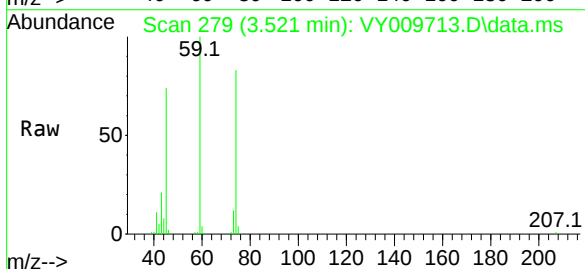
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

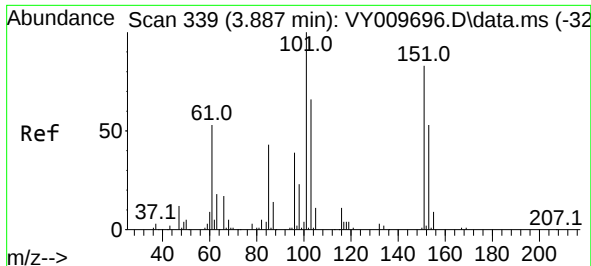
Tgt Ion:101 Resp: 157208  
Ion Ratio Lower Upper  
101 100  
103 62.5 48.0 72.0



#8  
Diethyl Ether  
Concen: 48.530 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 74 Resp: 53276  
Ion Ratio Lower Upper  
74 100  
45 92.9 55.1 165.5

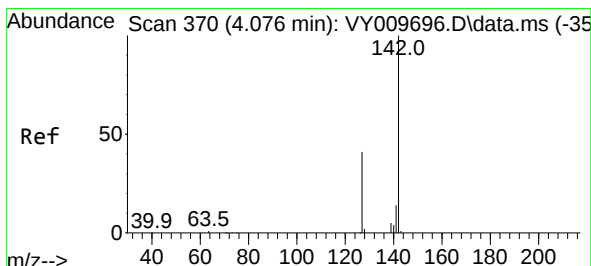
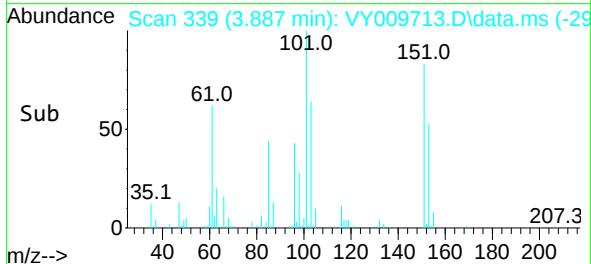
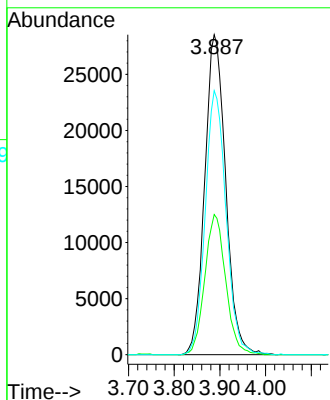
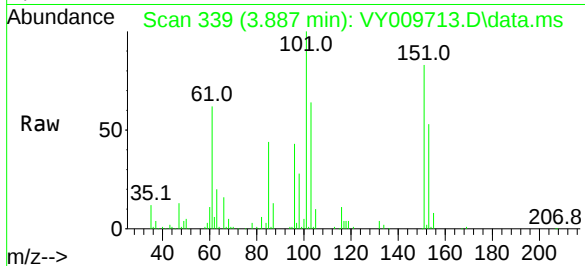




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.520 ug/l  
RT: 3.887 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

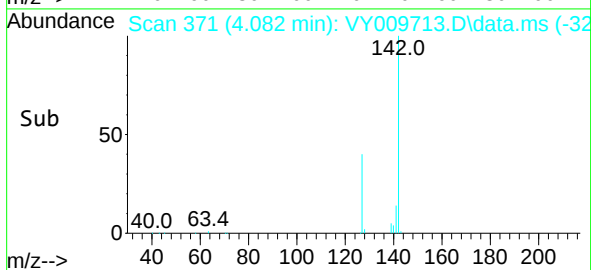
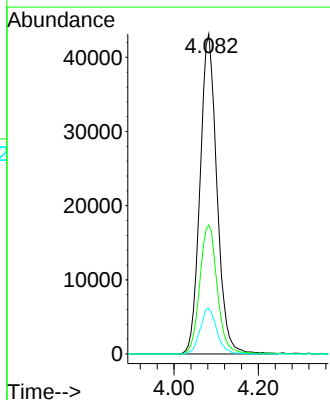
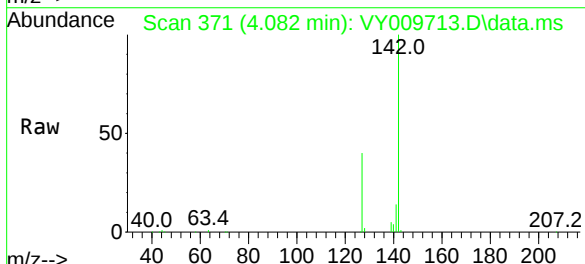
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

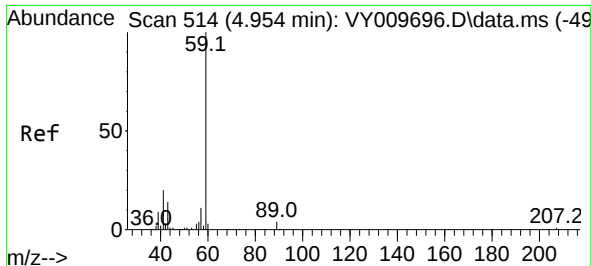
Tgt Ion:101 Resp: 91013  
Ion Ratio Lower Upper  
101 100  
85 43.7 40.6 60.8  
151 82.0 64.9 97.3



#10  
Methyl Iodide  
Concen: 48.426 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion:142 Resp: 120342  
Ion Ratio Lower Upper  
142 100  
127 41.8 41.5 62.3  
141 14.1 11.9 17.9

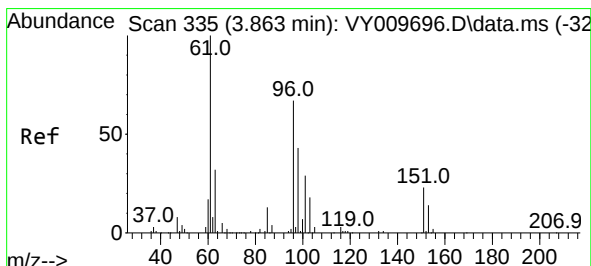
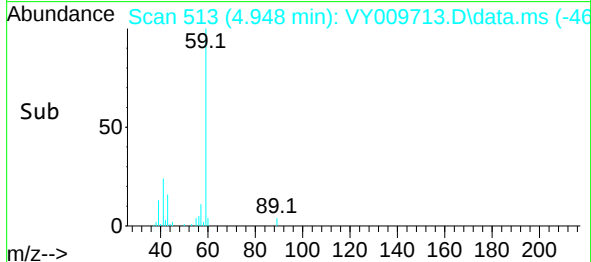
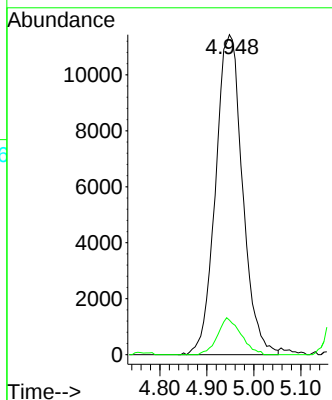
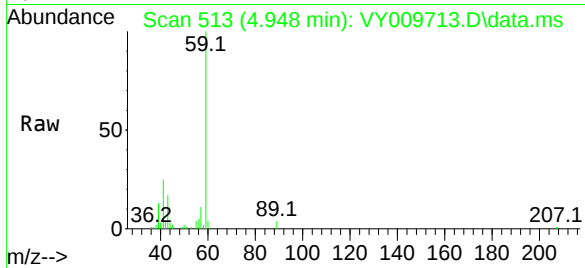




#11  
Tert butyl alcohol  
Concen: 219.537 ug/l  
RT: 4.948 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

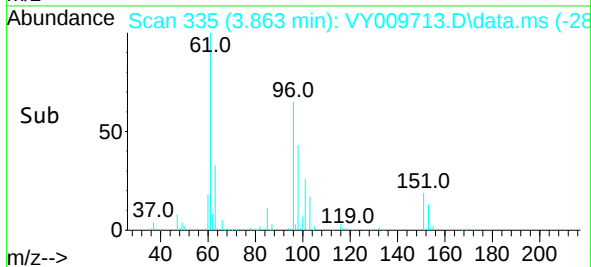
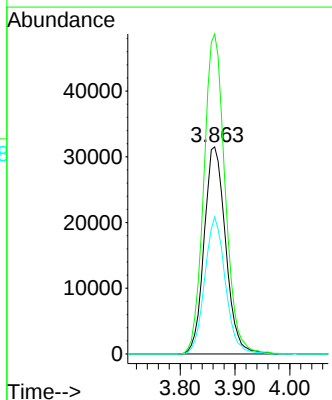
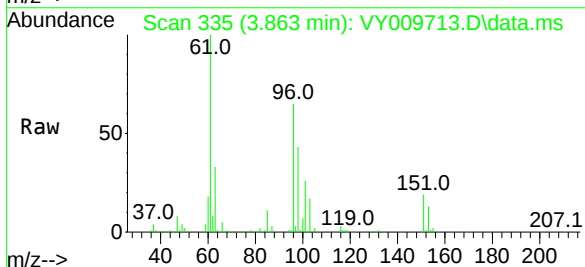
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

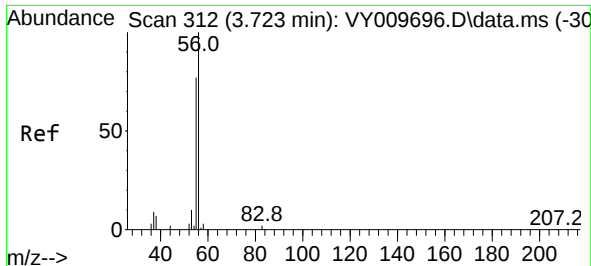
Tgt Ion: 59 Resp: 45543  
Ion Ratio Lower Upper  
59 100  
57 10.0 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 47.592 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 96 Resp: 85693  
Ion Ratio Lower Upper  
96 100  
61 154.5 145.8 218.6  
98 66.2 52.5 78.7

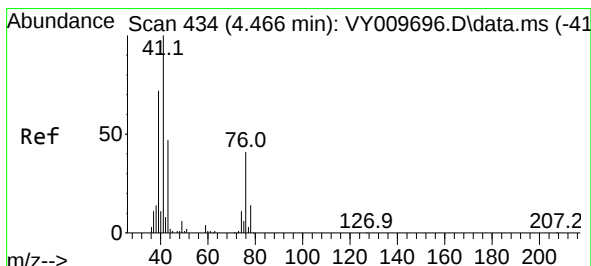
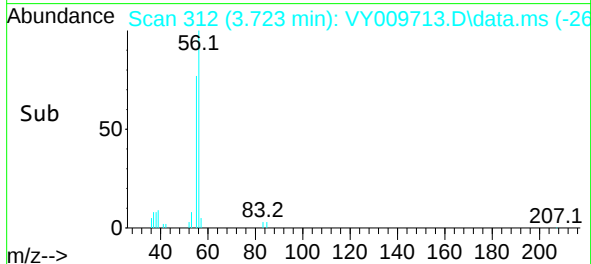
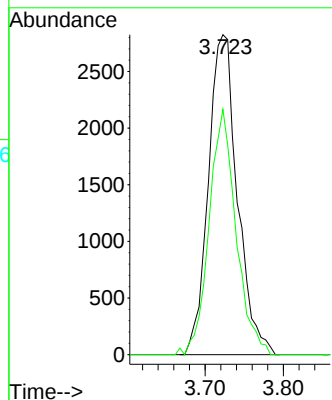
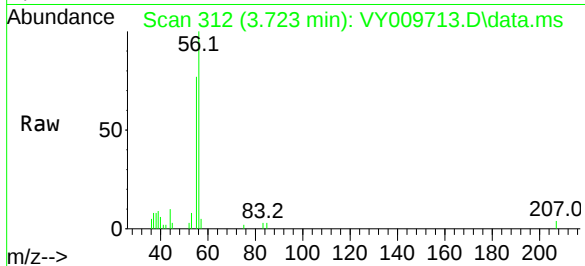




#13  
Acrolein  
Concen: 218.742 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

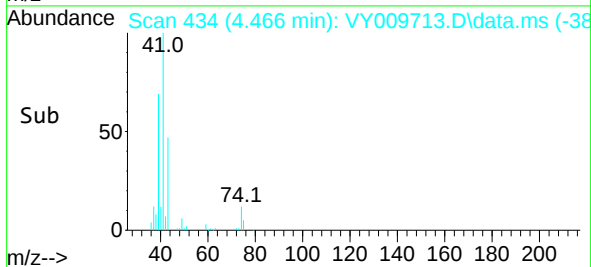
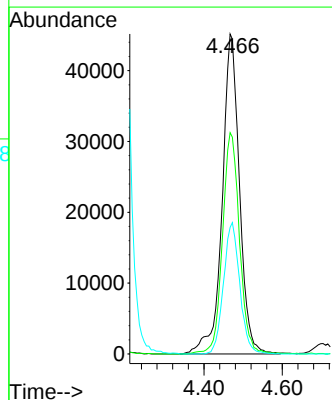
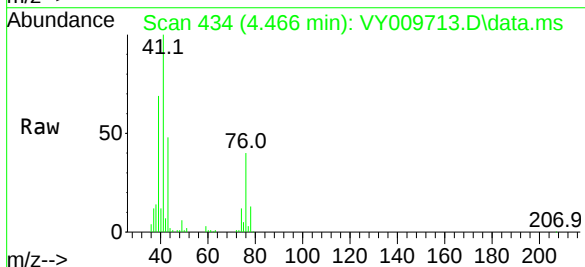
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

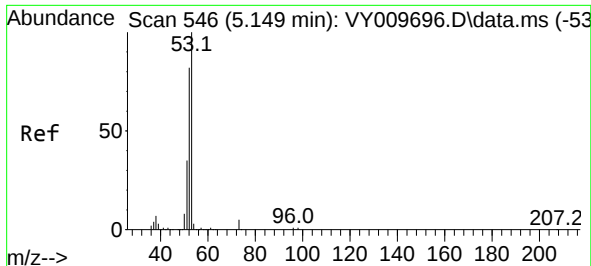
Tgt Ion: 56 Resp: 7281  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.6 86.4



#14  
Allyl chloride  
Concen: 49.126 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 41 Resp: 139076  
Ion Ratio Lower Upper  
41 100  
39 67.9 58.8 88.2  
76 38.6 25.1 37.7#

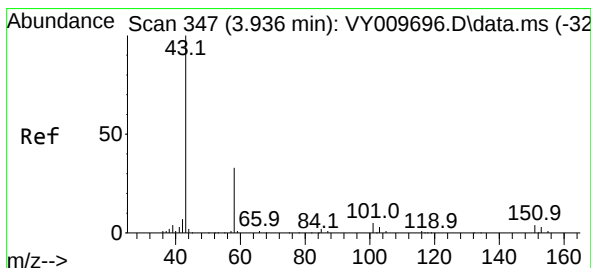
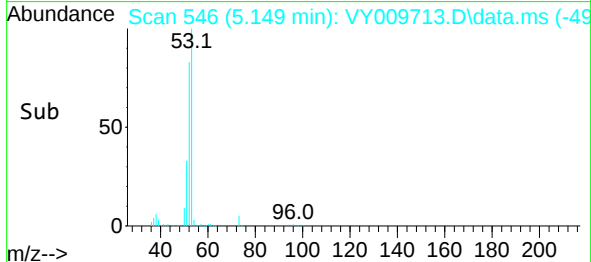
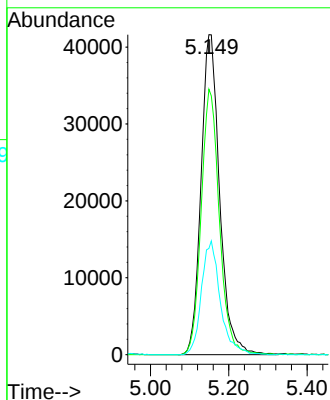
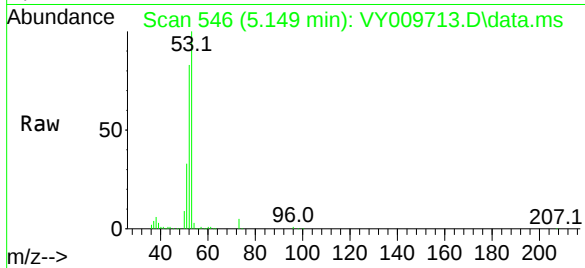




#15  
Acrylonitrile  
Concen: 259.832 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

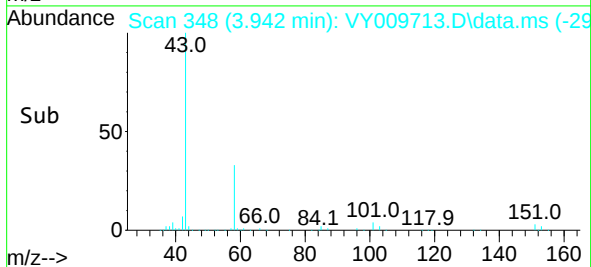
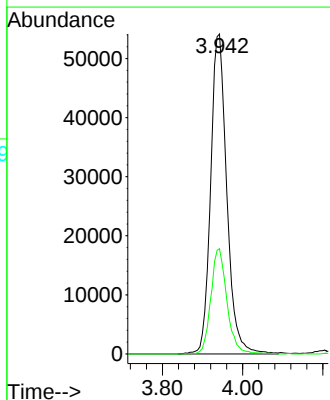
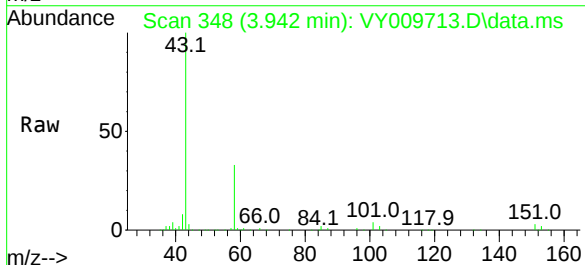
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

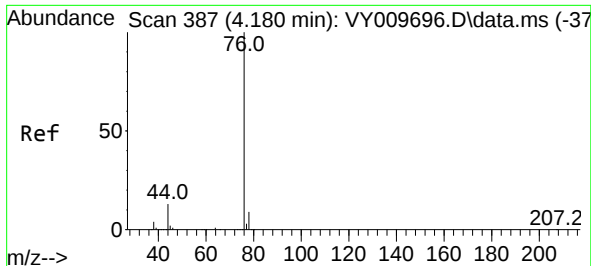
Tgt Ion: 53 Resp: 137380  
Ion Ratio Lower Upper  
53 100  
52 81.0 67.0 100.4  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 300.422 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 43 Resp: 151400  
Ion Ratio Lower Upper  
43 100  
58 32.9 22.0 33.0

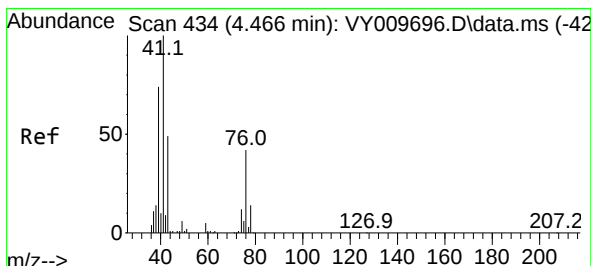
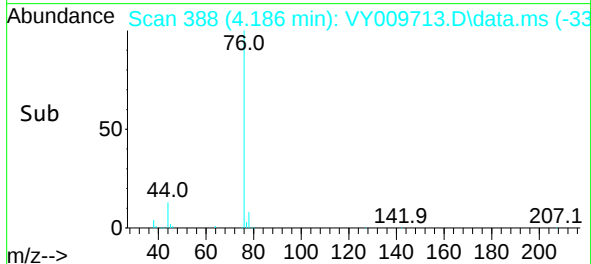
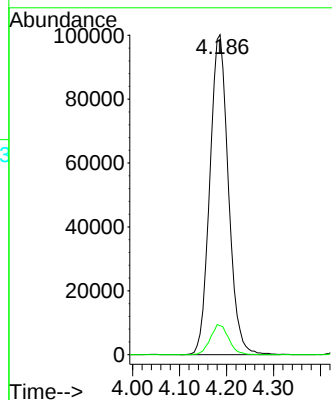
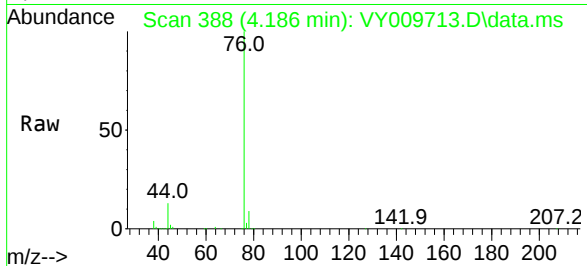




#17  
Carbon Disulfide  
Concen: 49.556 ug/l  
RT: 4.186 min Scan# 387  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

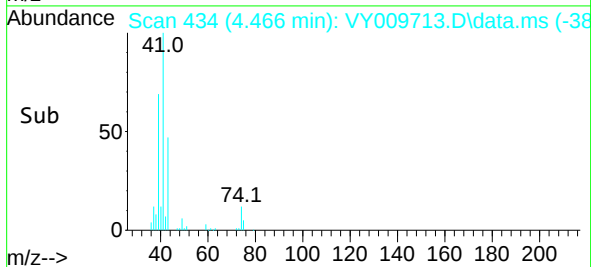
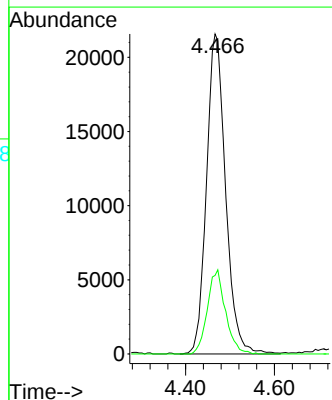
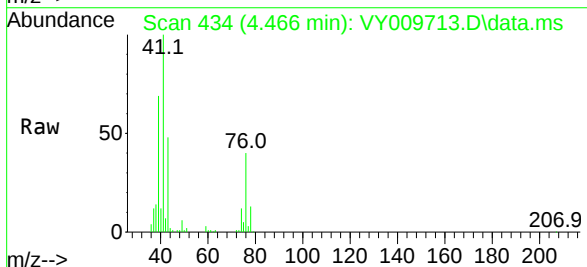
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

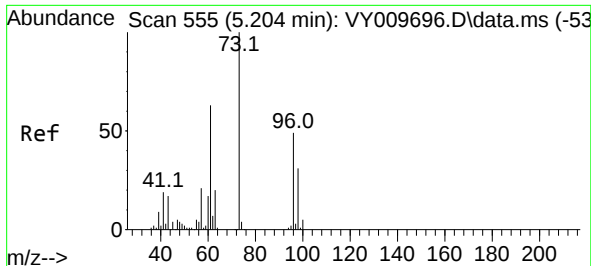
Tgt Ion: 76 Resp: 274537  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 49.678 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 43 Resp: 64504  
Ion Ratio Lower Upper  
43 100  
74 24.9 16.6 24.8#

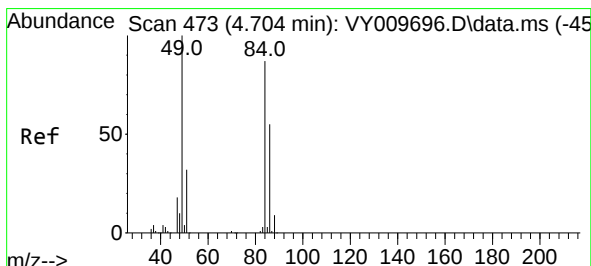
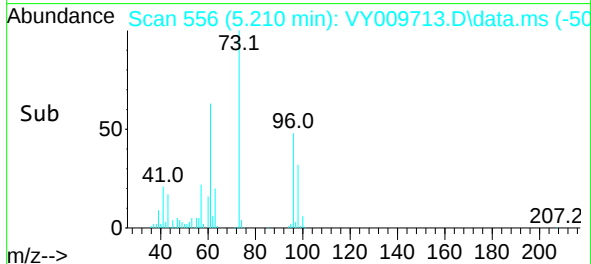
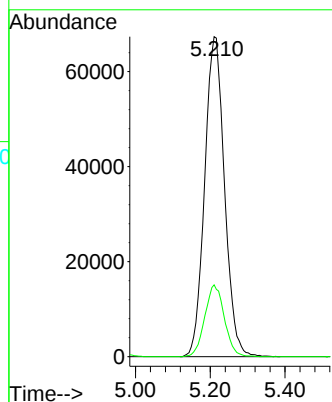
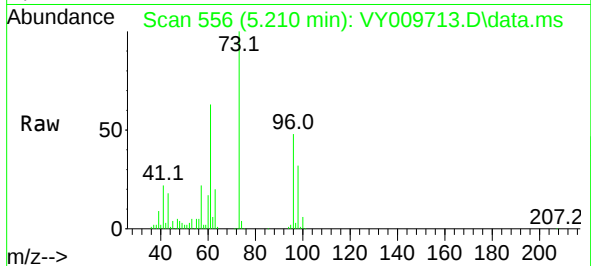




#19  
Methyl tert-butyl Ether  
Concen: 50.522 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

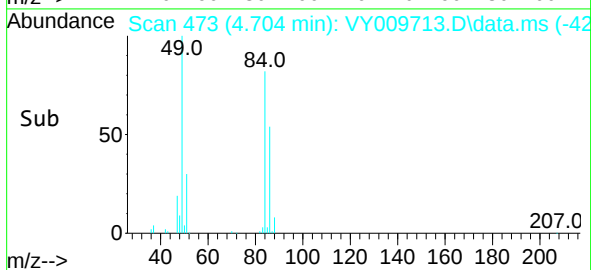
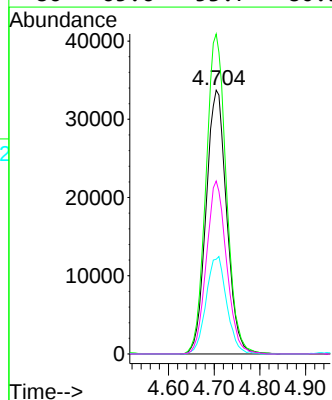
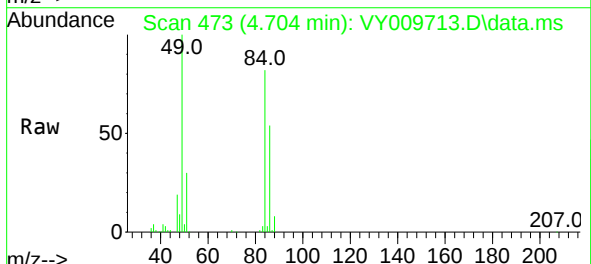
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

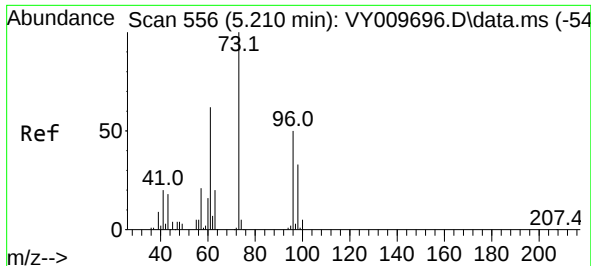
Tgt Ion: 73 Resp: 248419  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.6 27.8



#20  
Methylene Chloride  
Concen: 42.036 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 84 Resp: 105428  
Ion Ratio Lower Upper  
84 100  
49 121.3 114.4 171.6  
51 35.9 35.3 52.9  
86 65.6 53.7 80.5

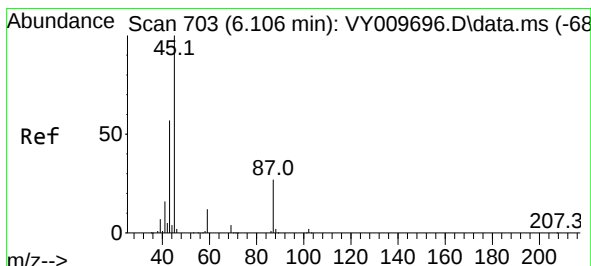
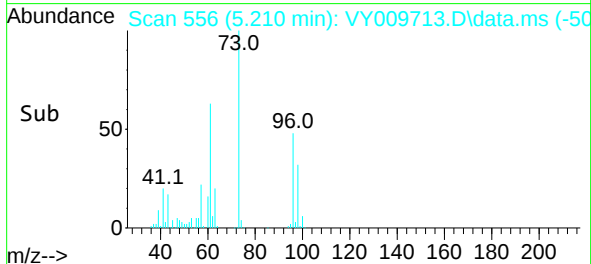
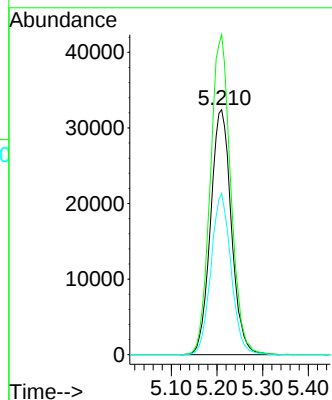
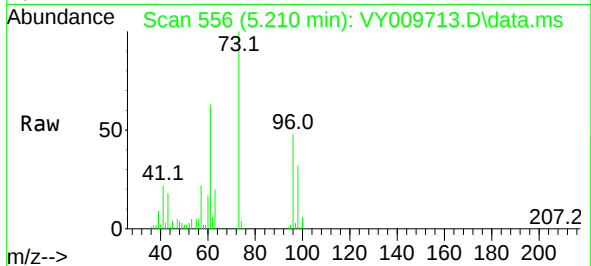




#21  
trans-1,2-Dichloroethene  
Concen: 48.925 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

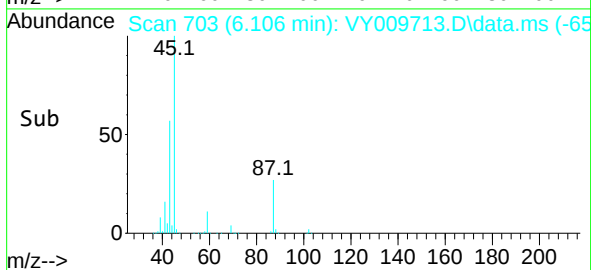
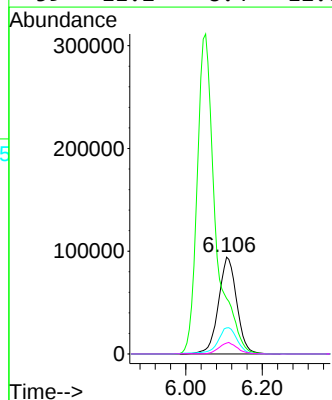
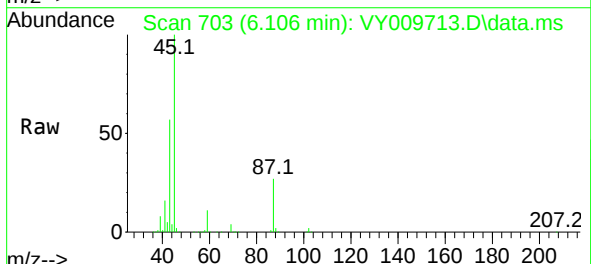
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

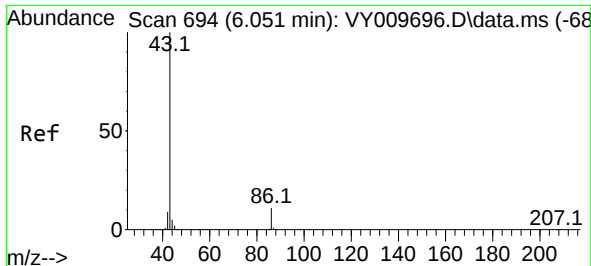
Tgt Ion: 96 Resp: 102363  
Ion Ratio Lower Upper  
96 100  
61 130.6 120.5 180.7  
98 65.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 51.812 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 45 Resp: 312381  
Ion Ratio Lower Upper  
45 100  
43 57.0 49.3 73.9  
87 27.0 19.2 28.8  
59 11.2 8.4 12.6

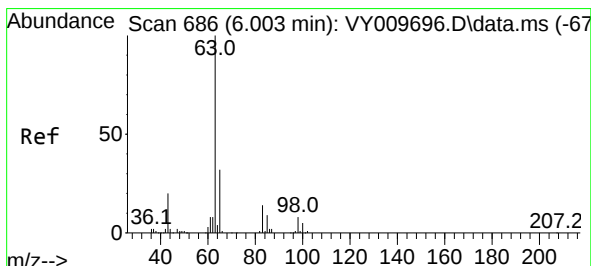
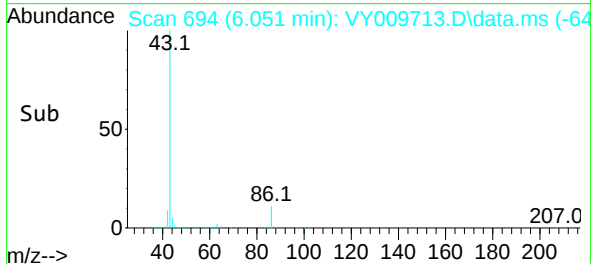
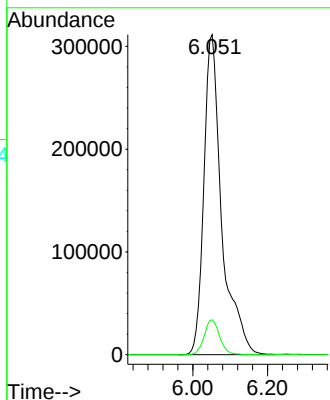
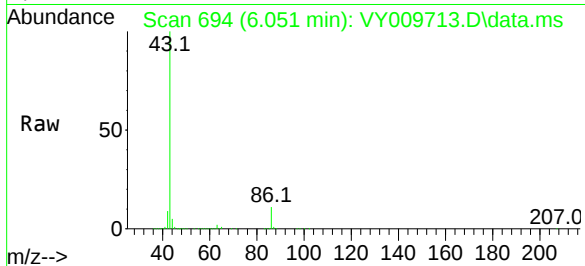




#23  
 Vinyl Acetate  
 Concen: 254.430 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY009713.D  
 Acq: 27 Jul 2022 09:37

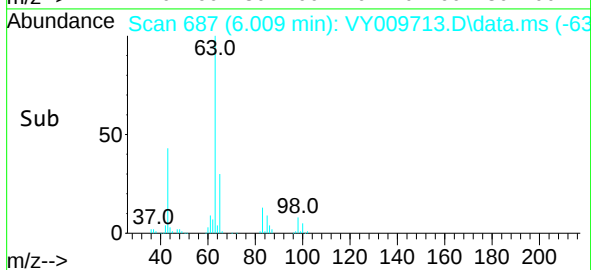
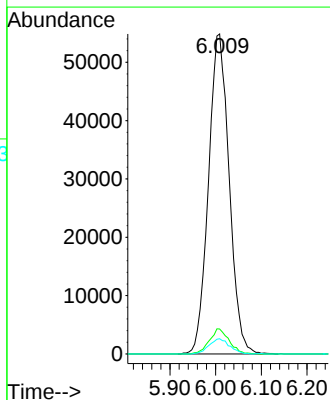
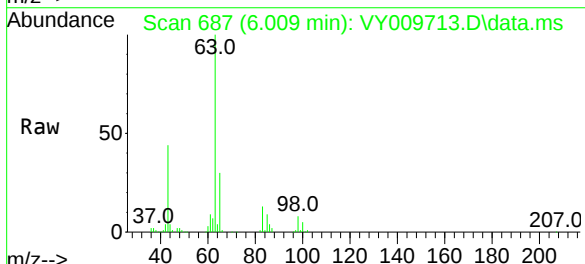
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

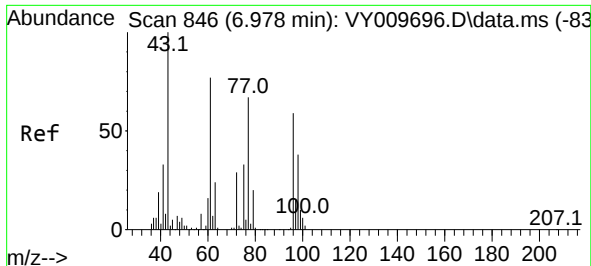
Tgt Ion: 43 Resp: 1032539  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.369 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. 0.006 min  
 Lab File: VY009713.D  
 Acq: 27 Jul 2022 09:37

Tgt Ion: 63 Resp: 172496  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.6 10.8  
 100 4.7 2.0 5.8

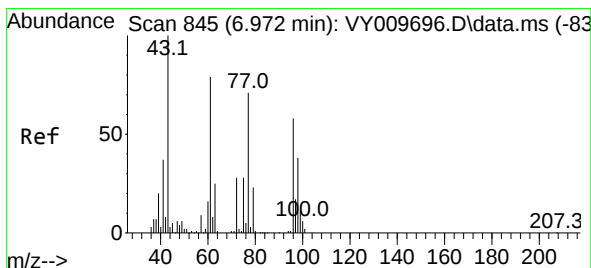
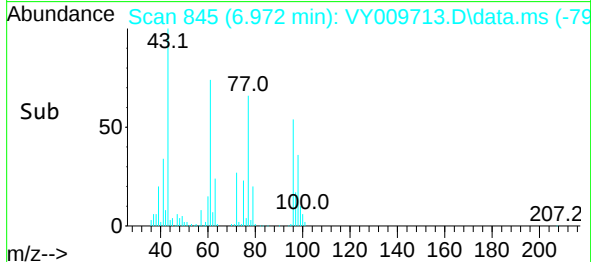
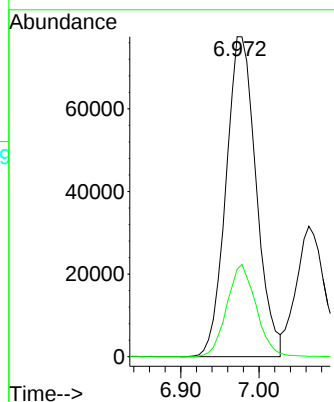
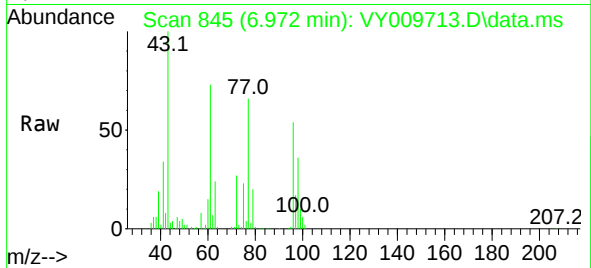




#25  
2-Butanone  
Concen: 279.435 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

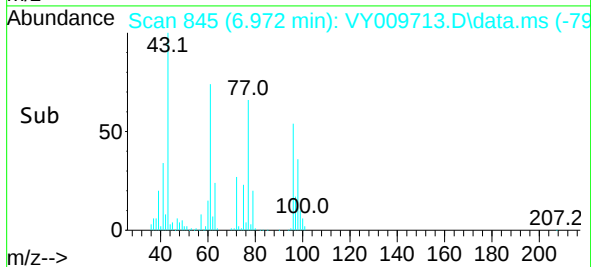
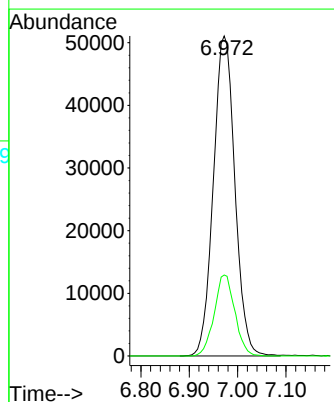
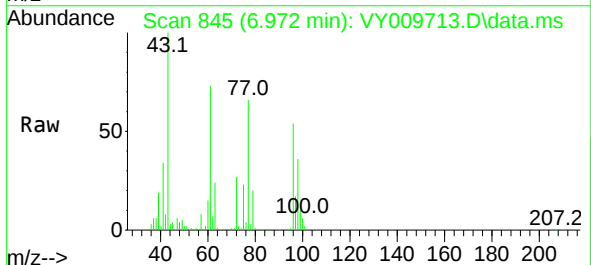
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

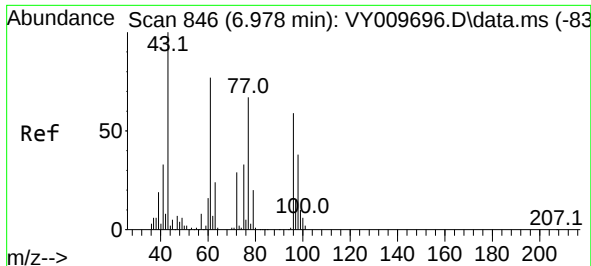
Tgt Ion: 43 Resp: 207745  
Ion Ratio Lower Upper  
43 100  
72 27.3 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 47.574 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 77 Resp: 158022  
Ion Ratio Lower Upper  
77 100  
97 24.2 10.4 31.4

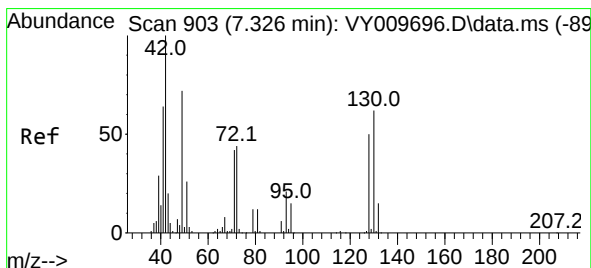
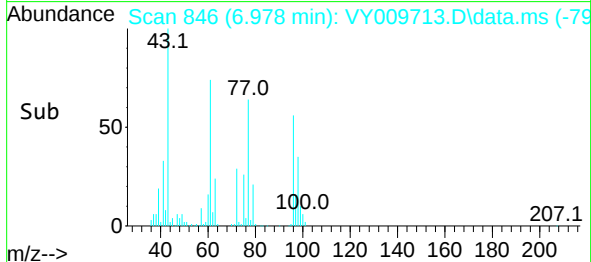
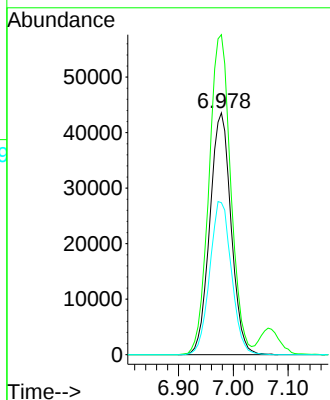
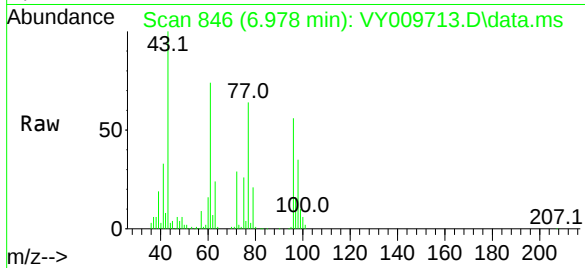




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.066 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY009713.D  
 Acq: 27 Jul 2022 09:37

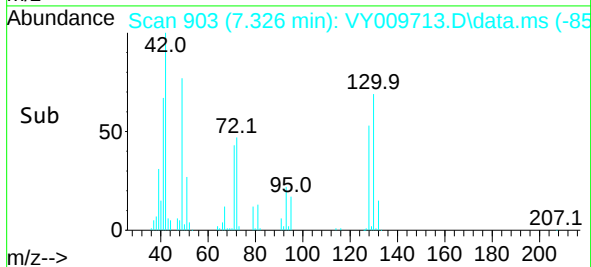
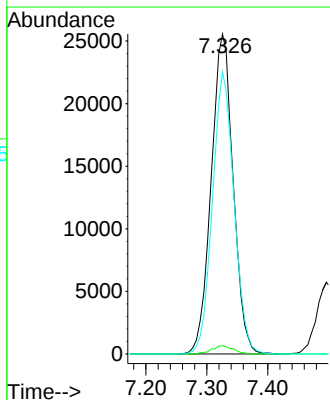
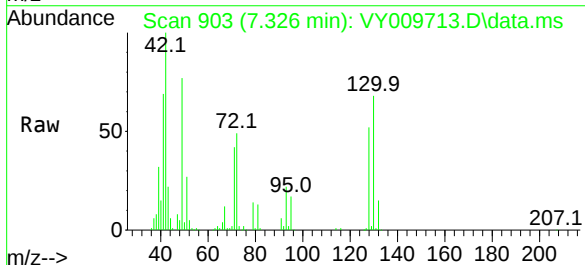
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

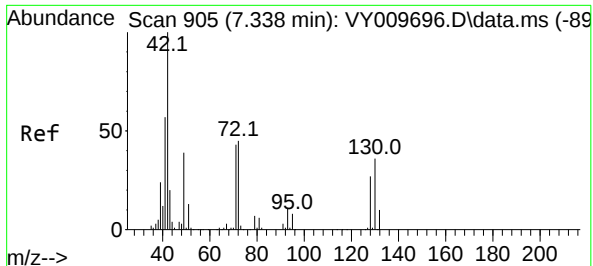
Tgt Ion: 96 Resp: 117500  
 Ion Ratio Lower Upper  
 96 100  
 61 135.5 0.0 319.8  
 98 64.5 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 50.805 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.000 min  
 Lab File: VY009713.D  
 Acq: 27 Jul 2022 09:37

Tgt Ion: 49 Resp: 63992  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 2.2#  
 130 86.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 257.367 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

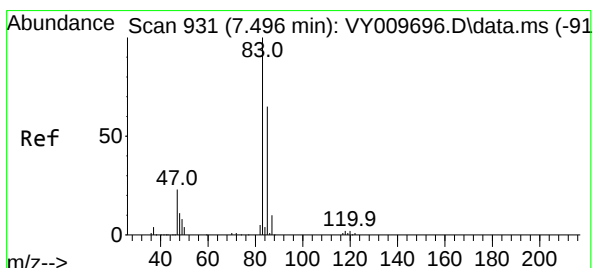
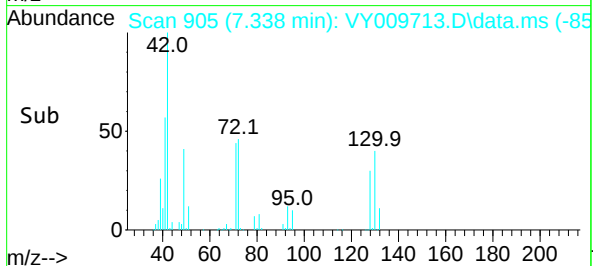
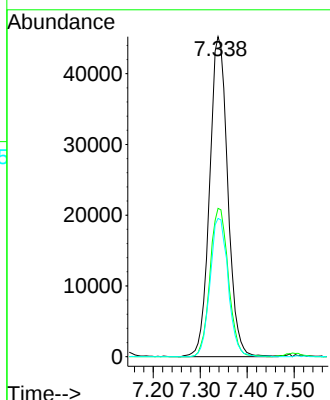
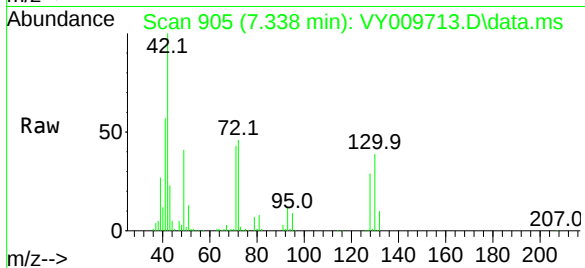
Tgt Ion: 42 Resp: 121168

Ion Ratio Lower Upper

42 100

72 47.0 30.3 45.5#

71 43.0 29.0 43.4



#30

Chloroform

Concen: 50.089 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009713.D

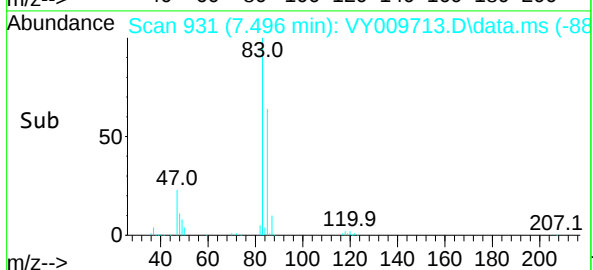
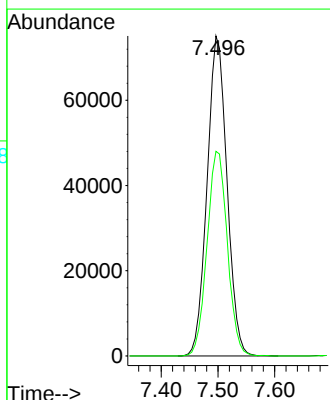
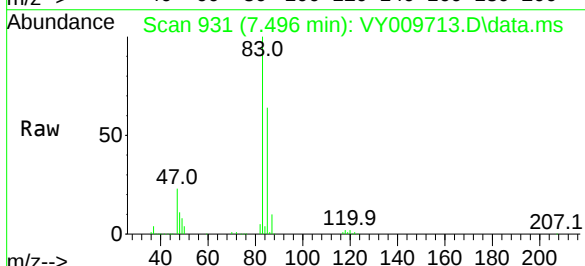
Acq: 27 Jul 2022 09:37

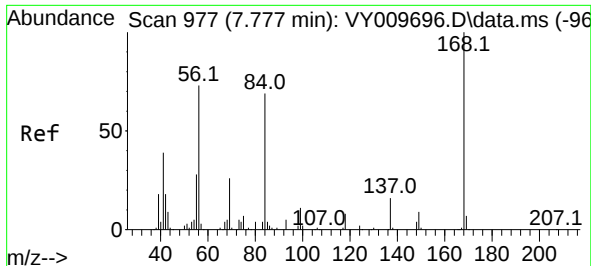
Tgt Ion: 83 Resp: 183087

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

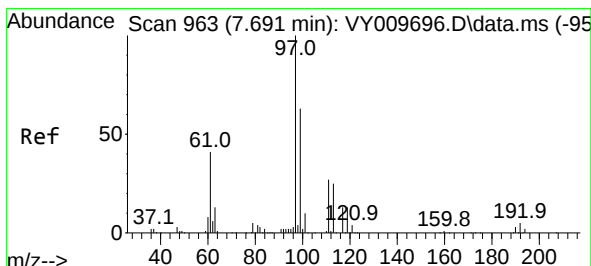
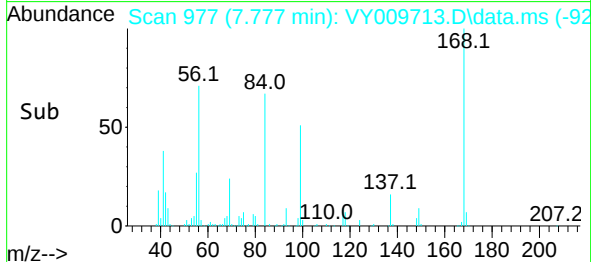
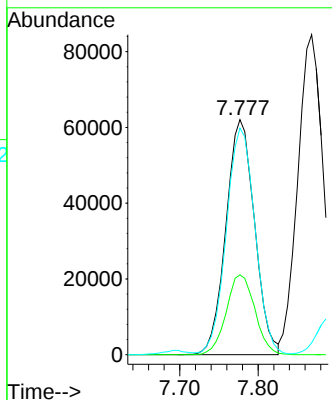
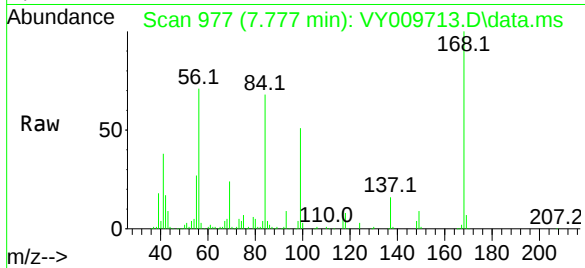




#31  
Cyclohexane  
Concen: 47.051 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

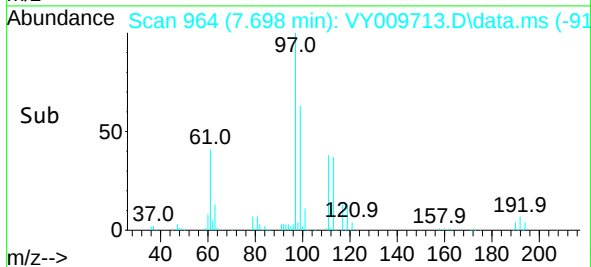
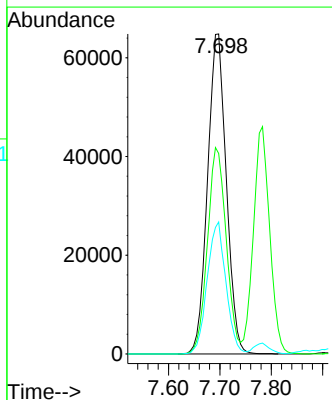
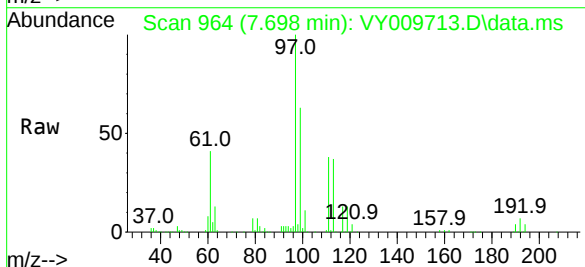
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

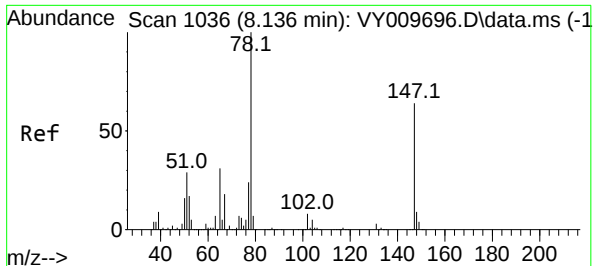
Tgt Ion: 56 Resp: 157793  
Ion Ratio Lower Upper  
56 100  
69 34.0 26.7 40.1  
84 94.5 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 50.015 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. 0.007 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 97 Resp: 164098  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.7 76.1  
61 41.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.797 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

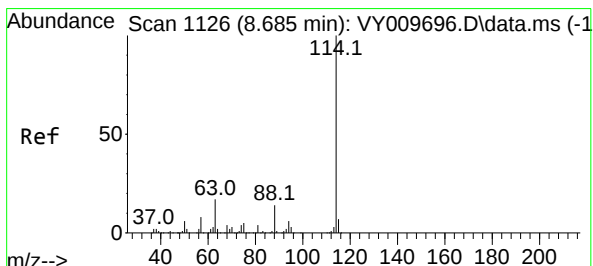
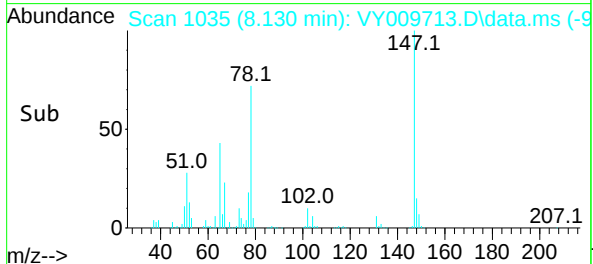
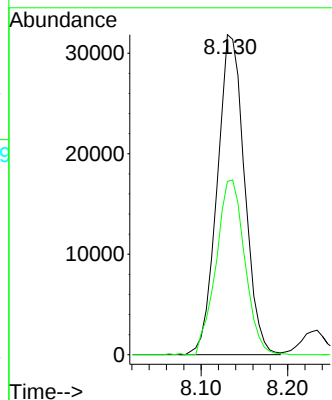
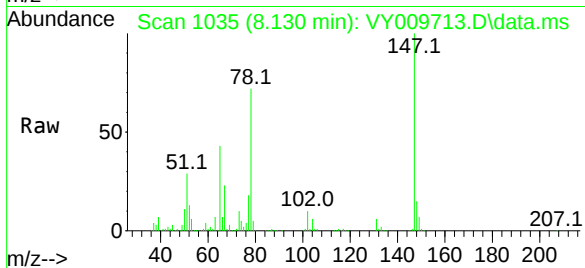
VSTDCCC050

Tgt Ion: 65 Resp: 69891

Ion Ratio Lower Upper

65 100

67 57.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

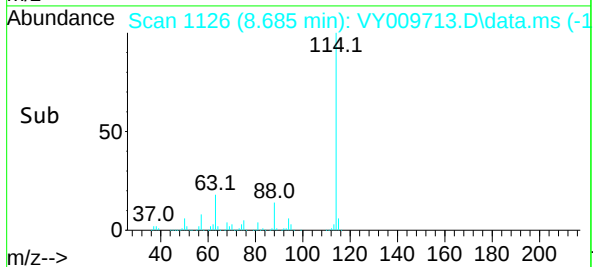
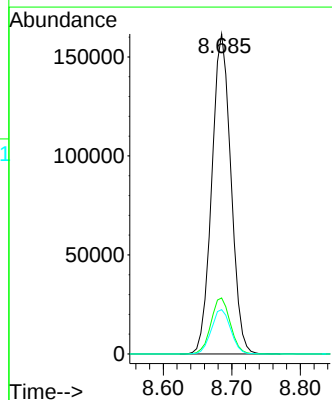
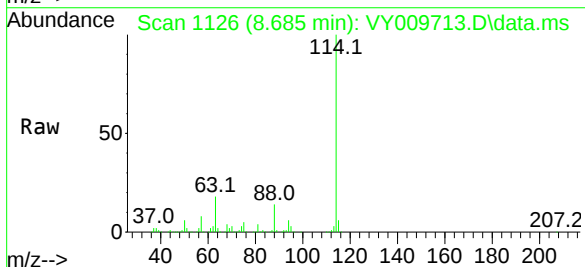
Tgt Ion: 114 Resp: 313450

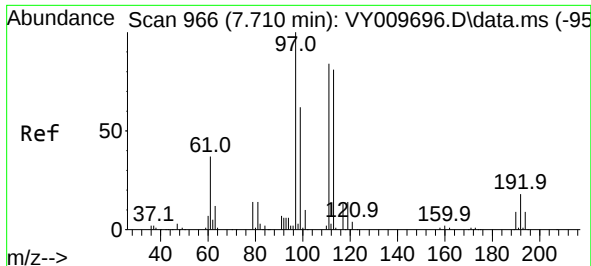
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.8 0.0 31.8

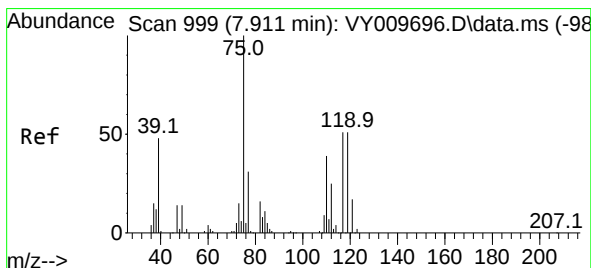
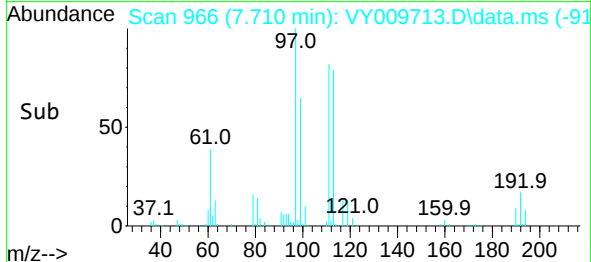
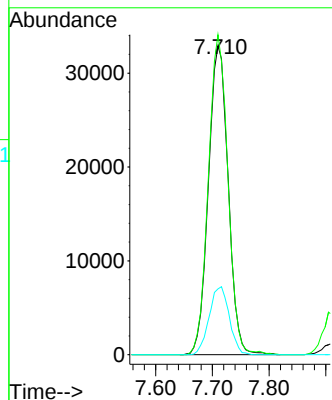
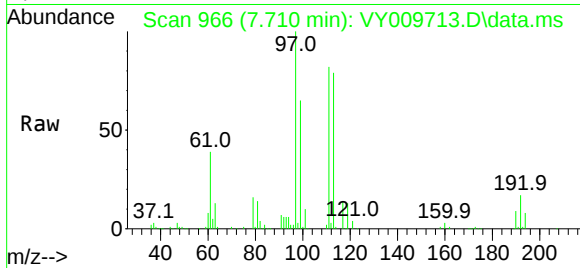




#35  
Dibromofluoromethane  
Concen: 46.753 ug/l  
RT: 7.710 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

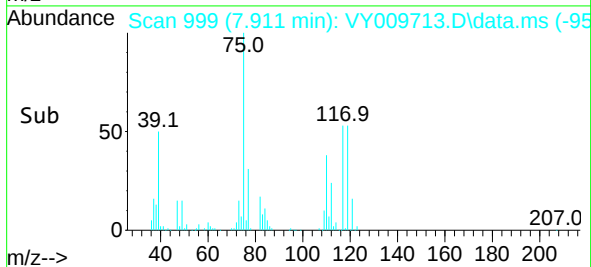
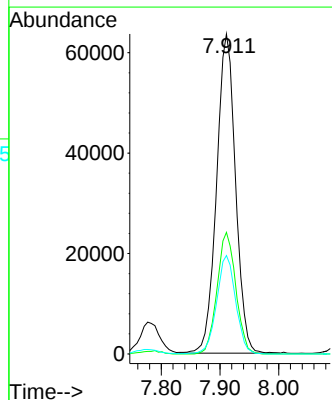
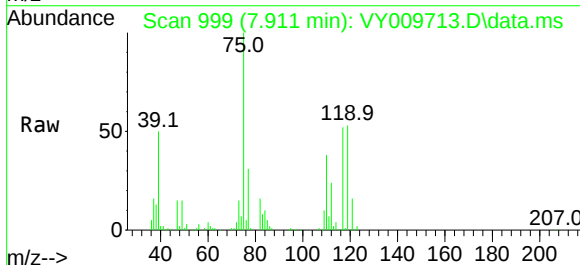
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

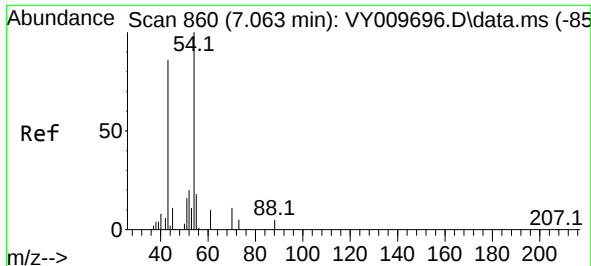
Tgt Ion:113 Resp: 79703  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.6 124.0  
192 22.4 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 51.299 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 75 Resp: 142302  
Ion Ratio Lower Upper  
75 100  
110 37.7 17.1 51.2  
77 31.0 24.4 36.6

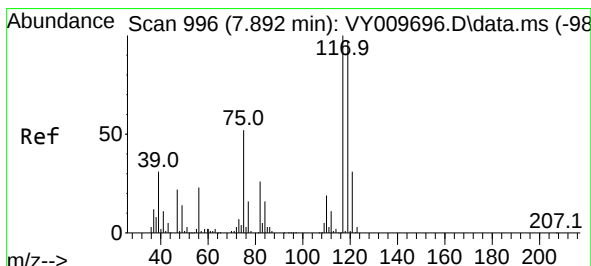
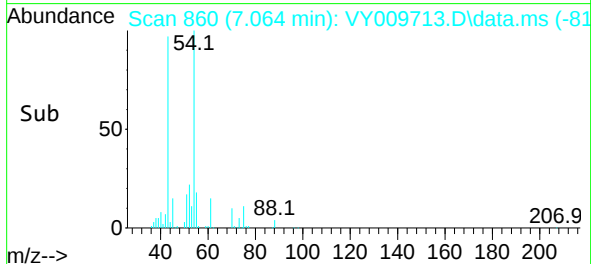
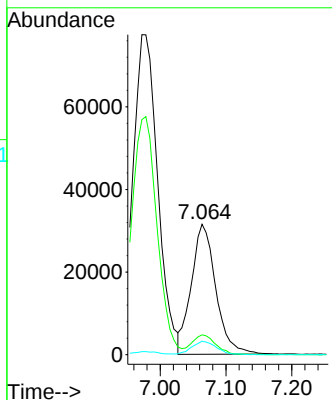
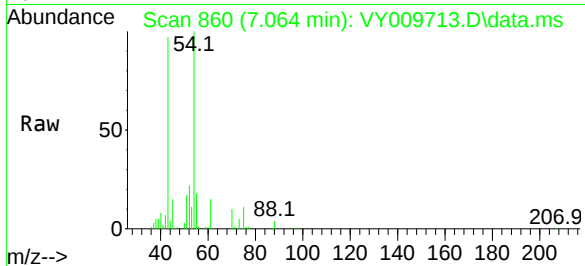




#37  
Ethyl Acetate  
Concen: 49.464 ug/l  
RT: 7.064 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

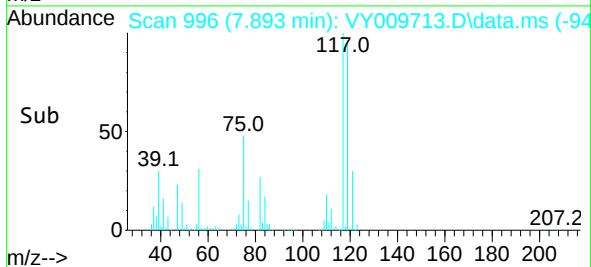
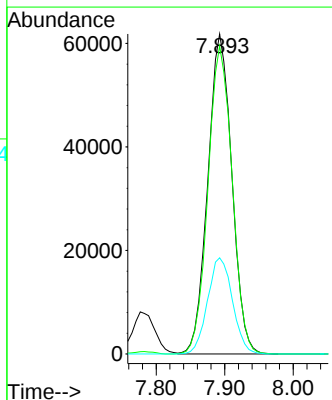
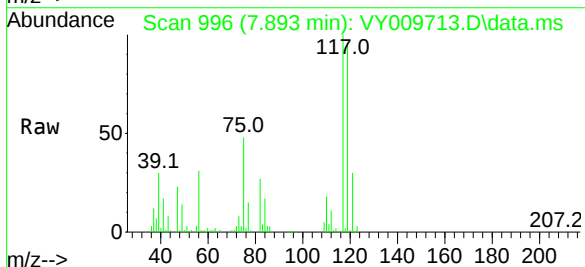
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

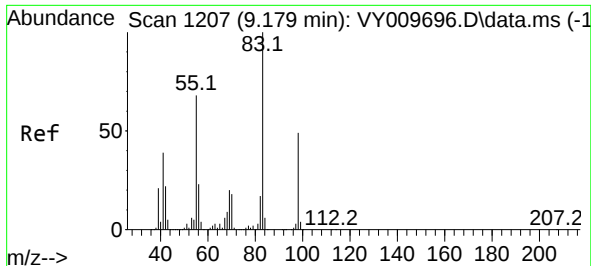
Tgt Ion: 43 Resp: 81324  
Ion Ratio Lower Upper  
43 100  
61 15.2 9.7 14.5#  
70 10.4 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 50.656 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.001 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 117 Resp: 150570  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.9 116.9  
121 30.0 24.8 37.2

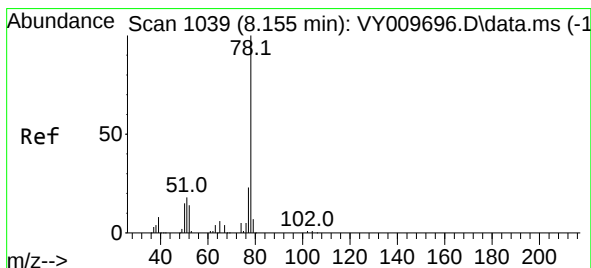
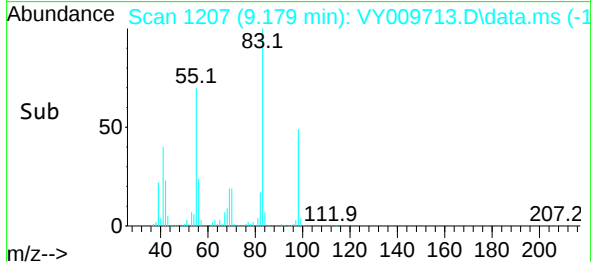
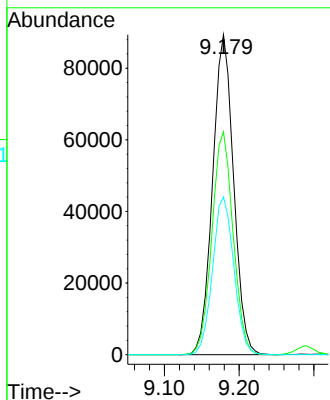
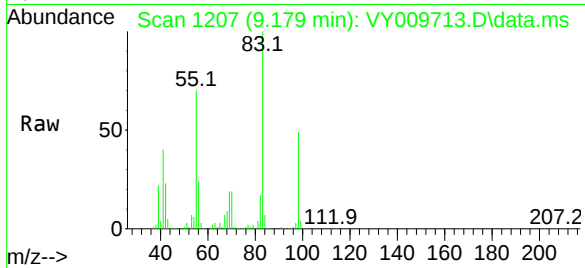




#39  
Methylcyclohexane  
Concen: 50.844 ug/l  
RT: 9.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

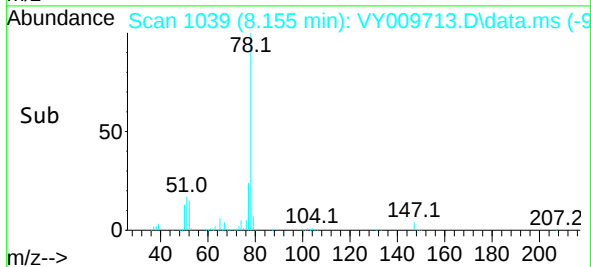
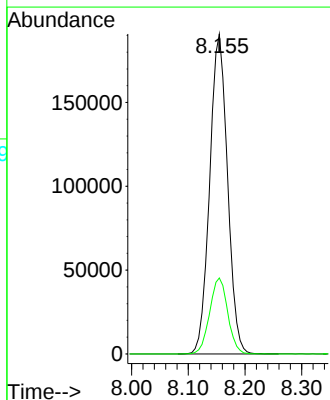
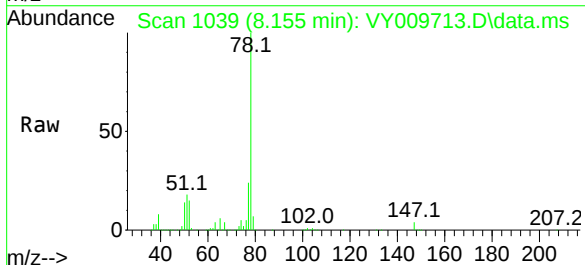
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

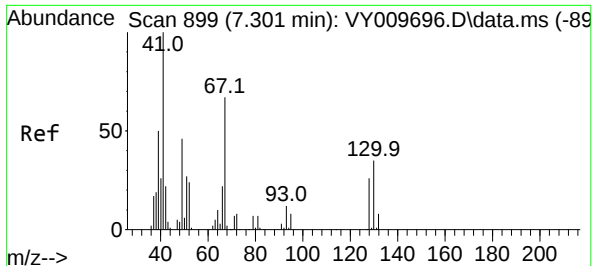
Tgt Ion: 83 Resp: 174708  
Ion Ratio Lower Upper  
83 100  
55 69.7 66.5 99.7  
98 49.3 37.9 56.9



#40  
Benzene  
Concen: 50.655 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 78 Resp: 416341  
Ion Ratio Lower Upper  
78 100  
77 23.8 20.4 30.6

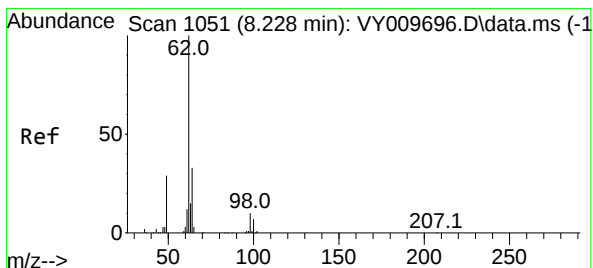
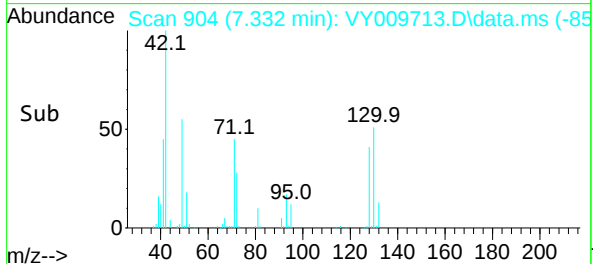
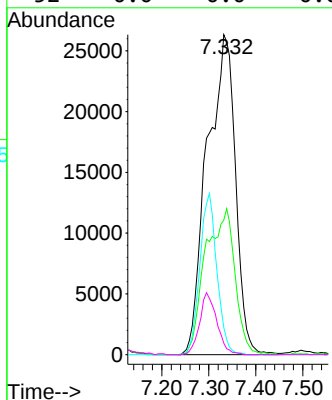
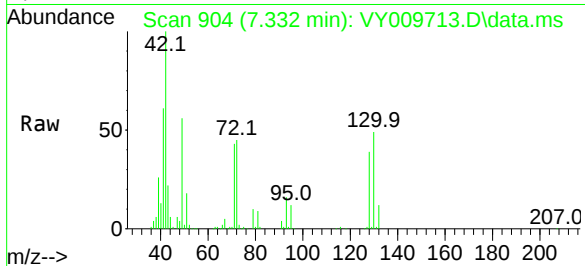




#41  
Methacrylonitrile  
Concen: 131.542 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. 0.031 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

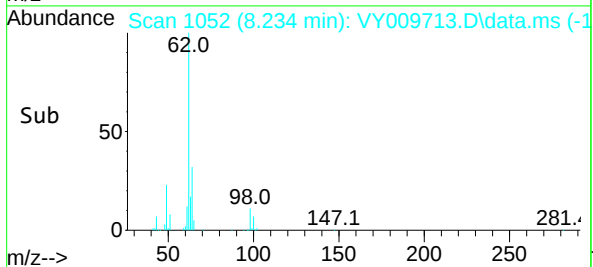
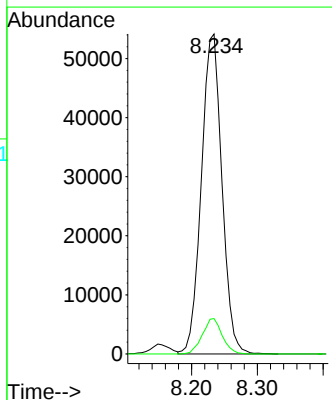
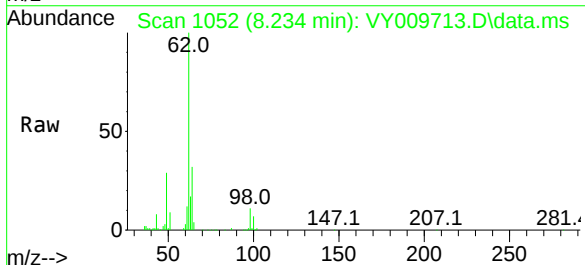
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

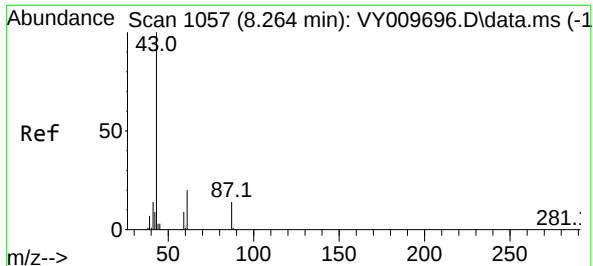
Tgt Ion: 41 Resp: 110186  
Ion Ratio Lower Upper  
41 100  
39 47.6 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.405 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 62 Resp: 117795  
Ion Ratio Lower Upper  
62 100  
98 10.7 0.0 14.8

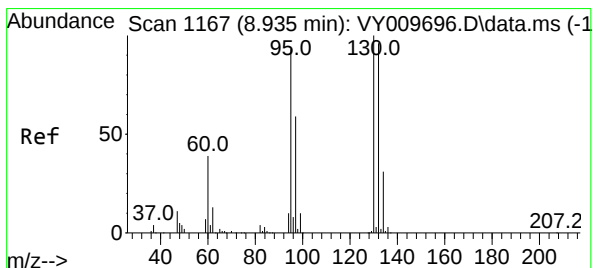
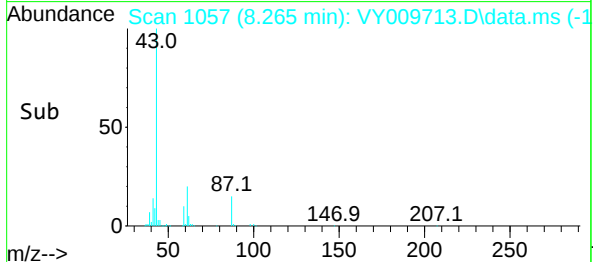
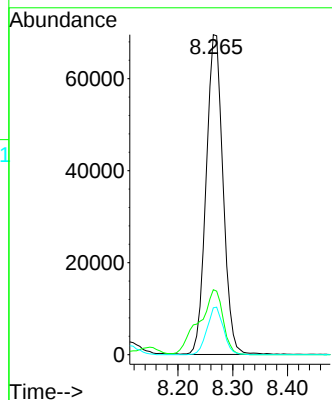
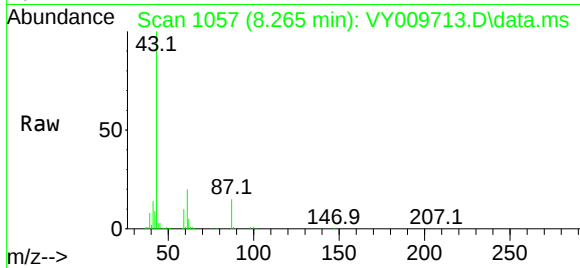




#43  
Isopropyl Acetate  
Concen: 51.587 ug/l  
RT: 8.265 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

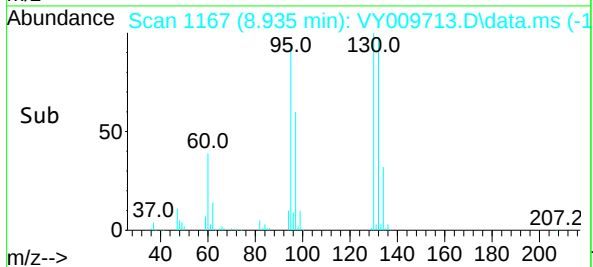
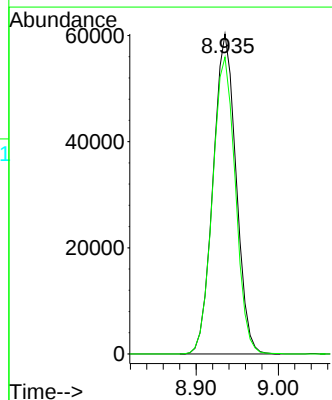
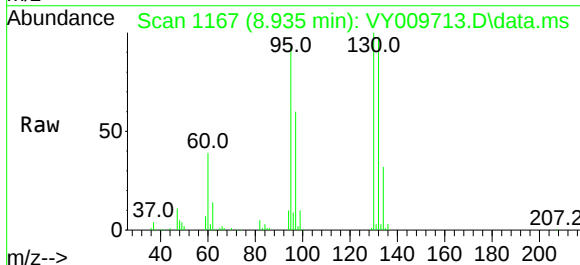
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

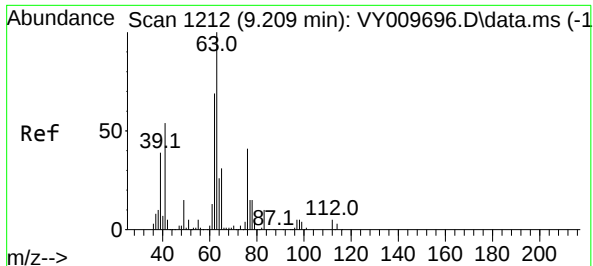
Tgt Ion: 43 Resp: 148180  
Ion Ratio Lower Upper  
43 100  
61 28.9 20.2 30.2  
87 14.5 8.9 13.3#



#44  
Trichloroethene  
Concen: 49.580 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion:130 Resp: 116899  
Ion Ratio Lower Upper  
130 100  
95 92.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.878 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

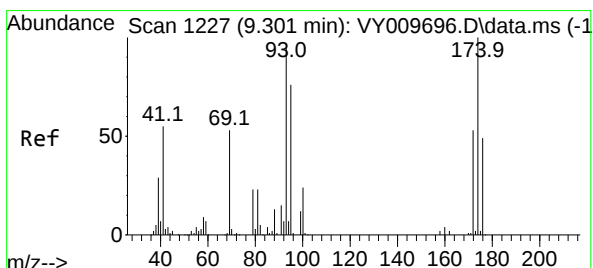
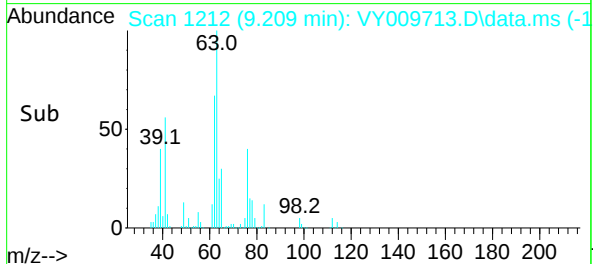
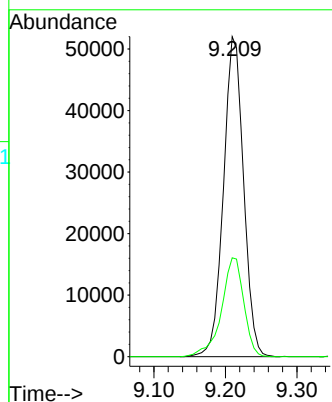
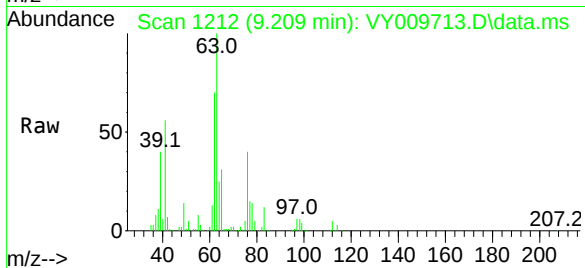
VSTDCCC050

Tgt Ion: 63 Resp: 101532

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 52.322 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

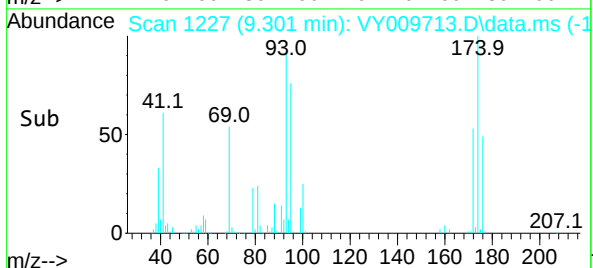
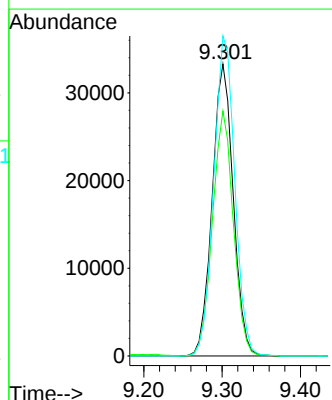
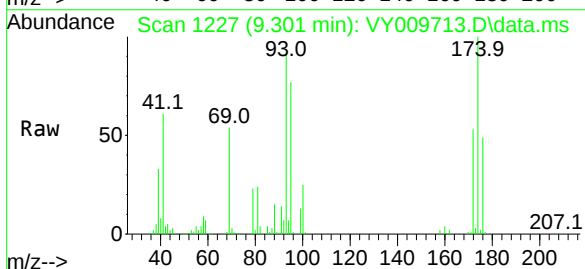
Tgt Ion: 93 Resp: 62120

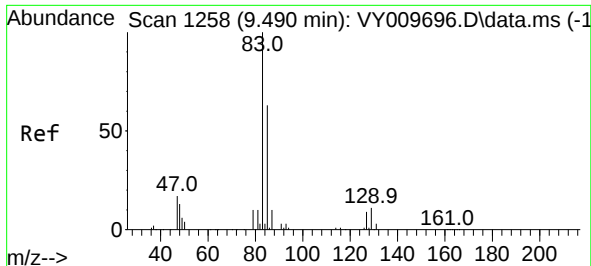
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 109.9 83.4 125.0

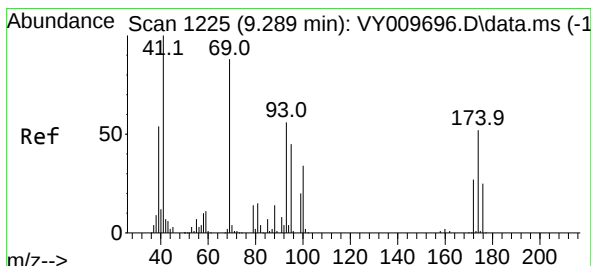
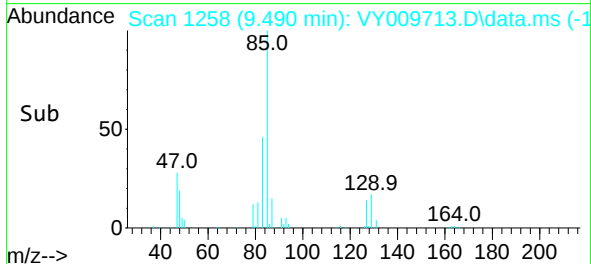
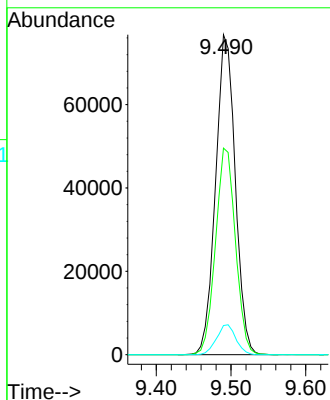
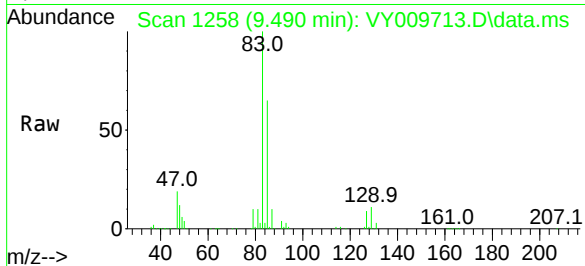




#47  
Bromodichloromethane  
Concen: 51.574 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

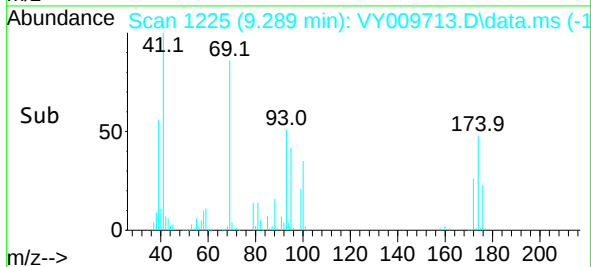
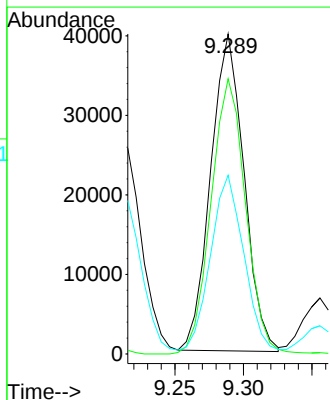
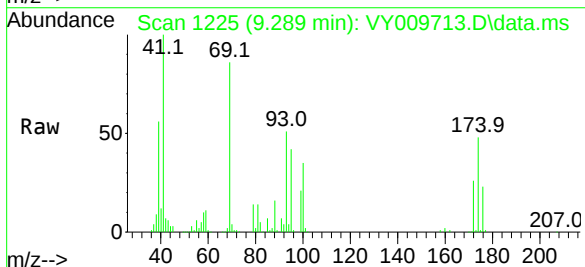
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

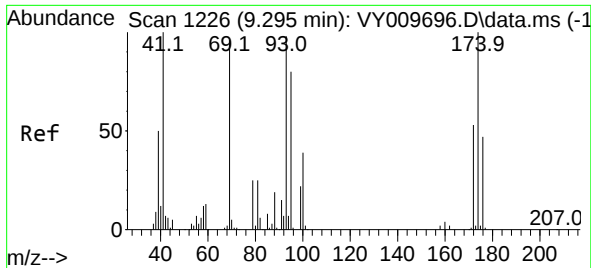
Tgt Ion: 83 Resp: 140672  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.9 77.9  
127 9.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 53.414 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 41 Resp: 67467  
Ion Ratio Lower Upper  
41 100  
69 90.0 58.2 87.2#  
39 54.8 47.4 71.0

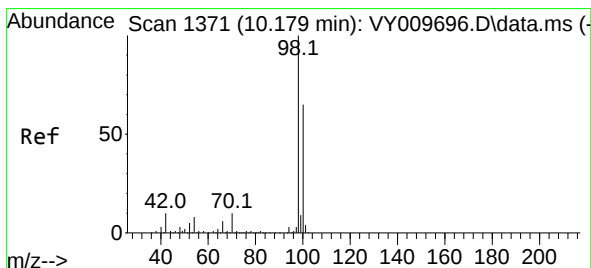
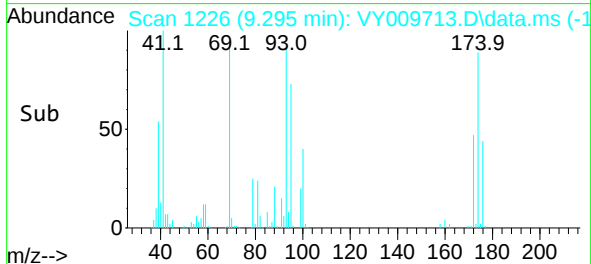
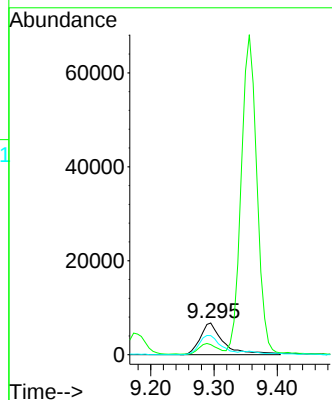
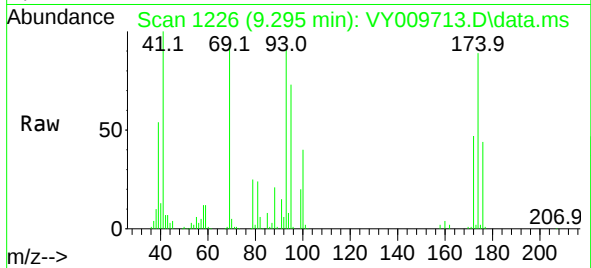




#49  
1,4-Dioxane  
Concen: 998.510 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

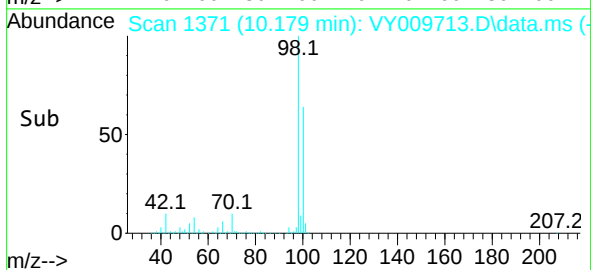
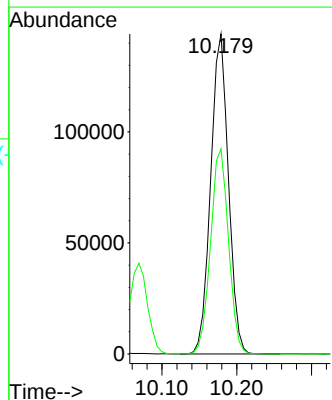
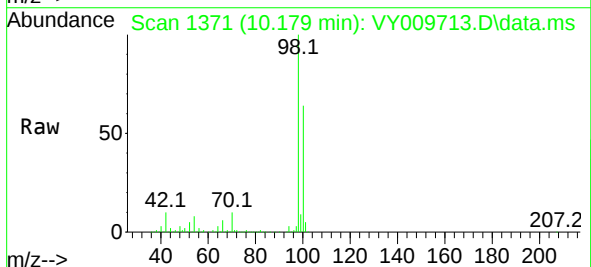
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

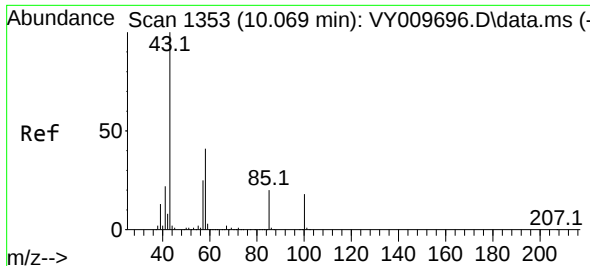
Tgt Ion: 88 Resp: 17257  
Ion Ratio Lower Upper  
88 100  
43 29.0 32.8 49.2#  
58 56.1 59.8 89.6#



#50  
Toluene-d8  
Concen: 47.746 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 98 Resp: 238004  
Ion Ratio Lower Upper  
98 100  
100 65.1 50.2 75.2

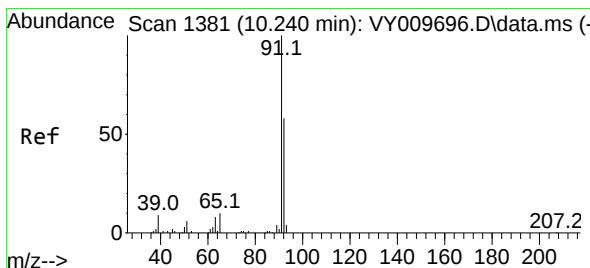
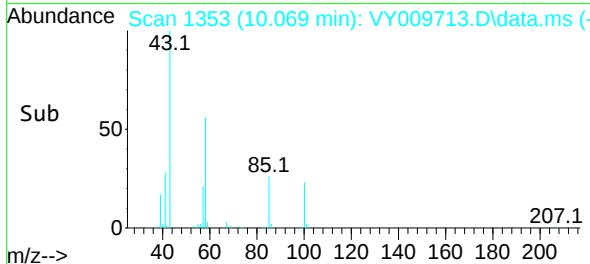
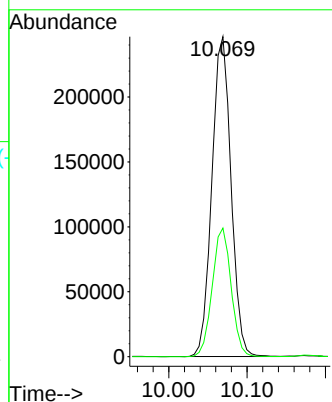
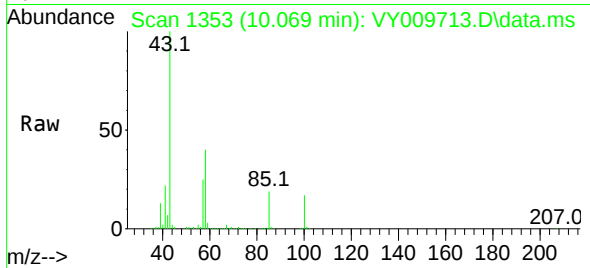




#51  
4-Methyl-2-Pentanone  
Concen: 286.203 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

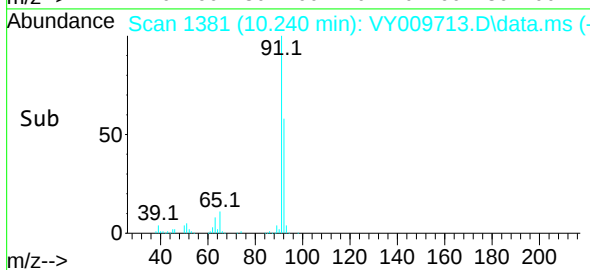
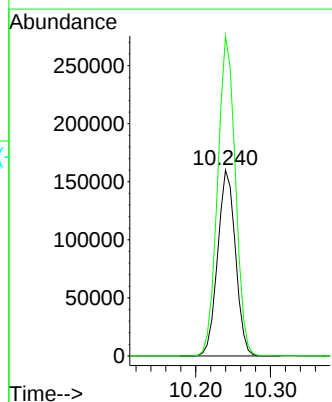
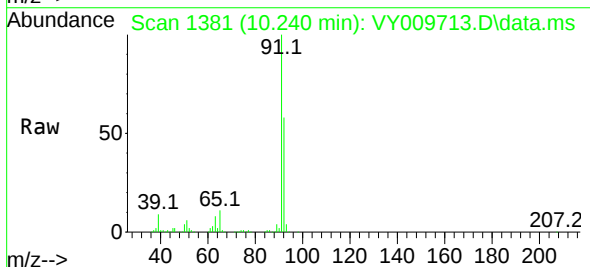
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

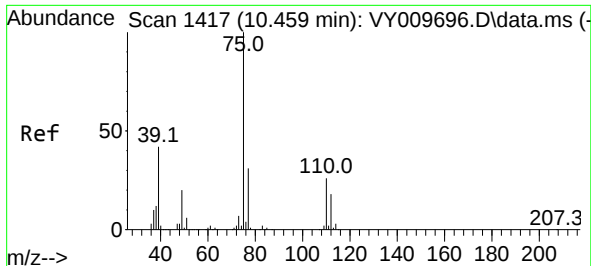
Tgt Ion: 43 Resp: 418217  
Ion Ratio Lower Upper  
43 100  
58 39.7 28.1 42.1



#52  
Toluene  
Concen: 51.549 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 92 Resp: 265385  
Ion Ratio Lower Upper  
92 100  
91 171.9 142.6 213.8

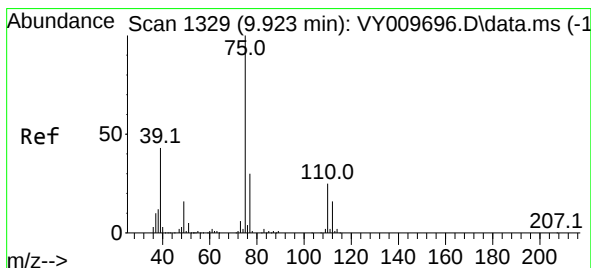
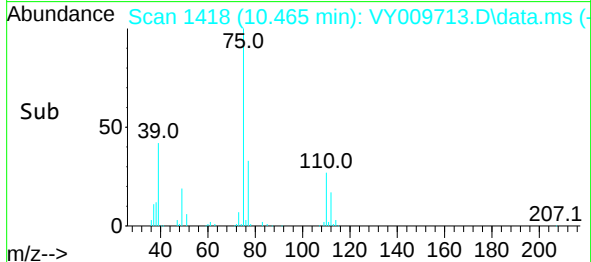
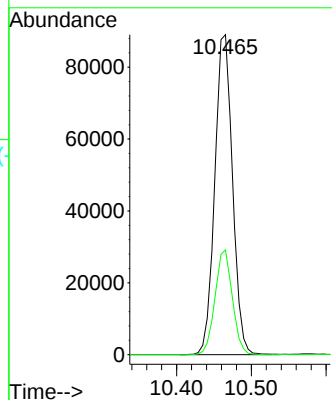
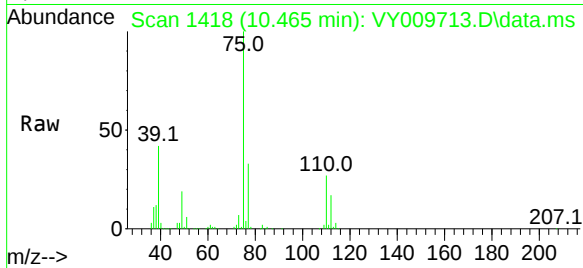




#53  
 t-1,3-Dichloropropene  
 Concen: 52.162 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY009713.D  
 Acq: 27 Jul 2022 09:37

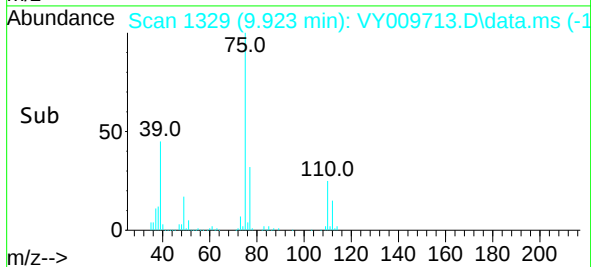
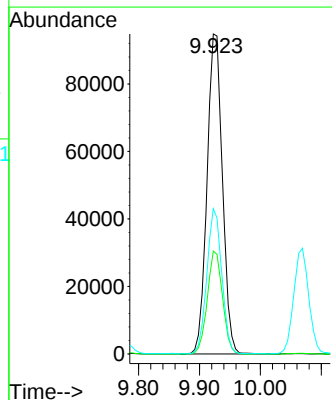
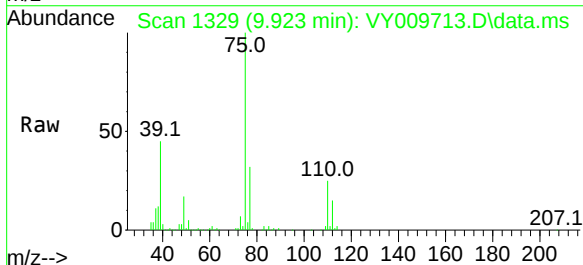
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

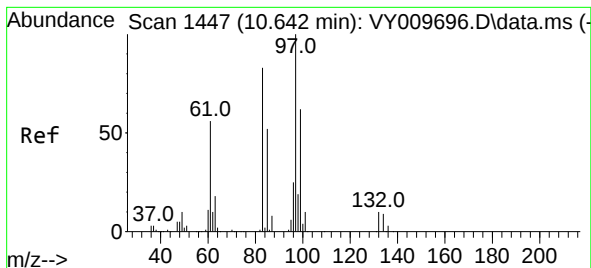
Tgt Ion: 75 Resp: 146930  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.526 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY009713.D  
 Acq: 27 Jul 2022 09:37

Tgt Ion: 75 Resp: 166690  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.6 38.4  
 39 45.3 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 51.430 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 86337

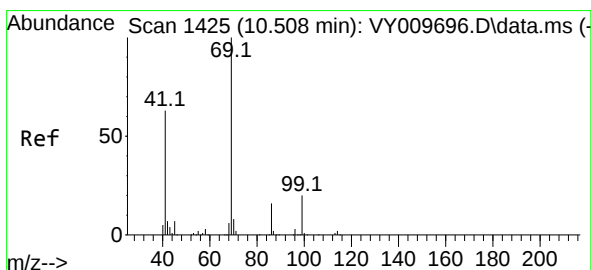
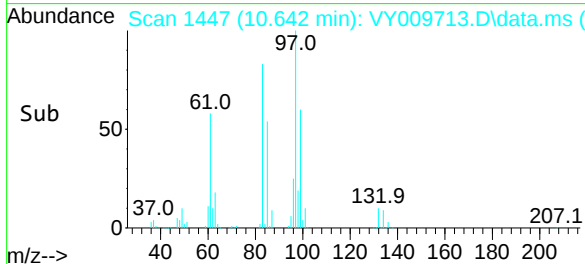
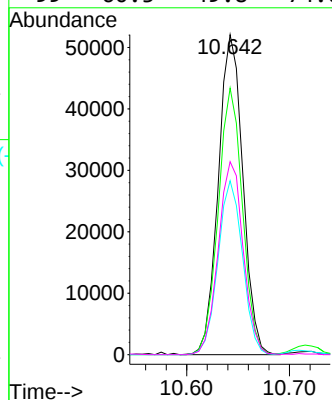
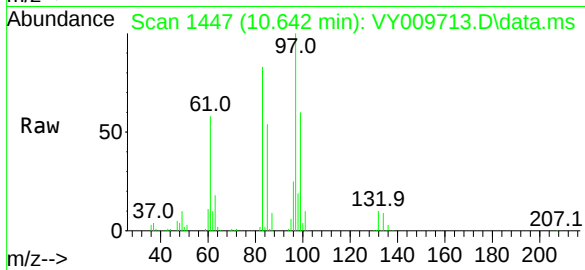
Ion Ratio Lower Upper

97 100

83 83.3 69.8 104.8

85 54.3 44.3 66.5

99 60.3 49.8 74.6



#56

Ethyl methacrylate

Concen: 56.299 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

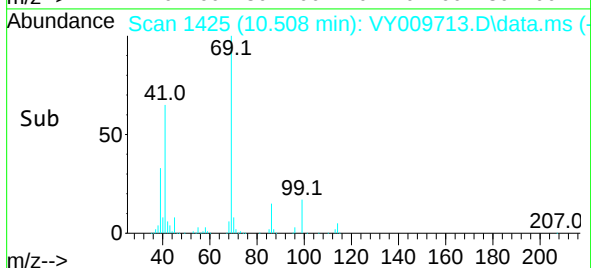
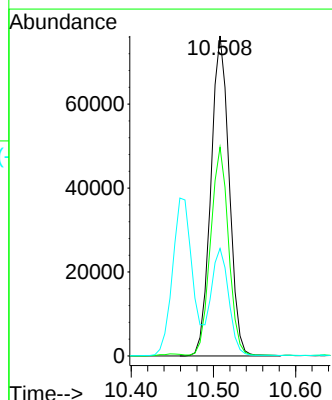
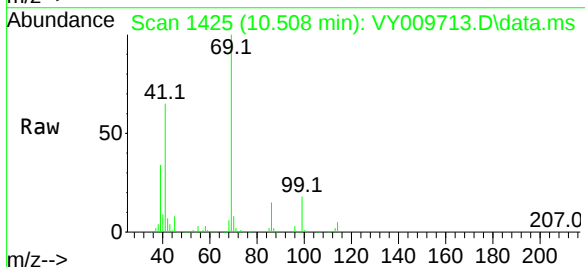
Tgt Ion: 69 Resp: 117742

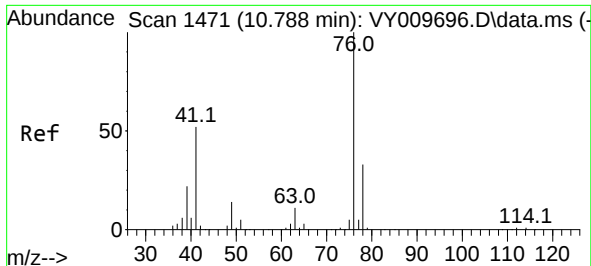
Ion Ratio Lower Upper

69 100

41 63.9 63.4 95.0

39 33.3 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 52.521 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

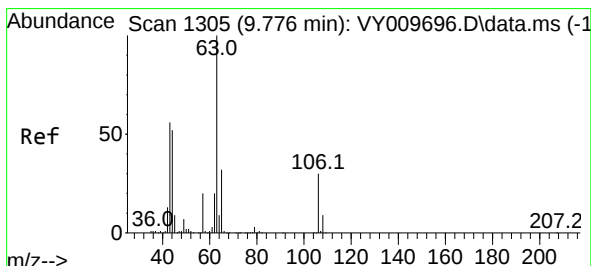
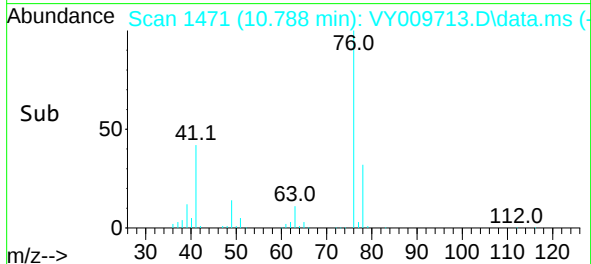
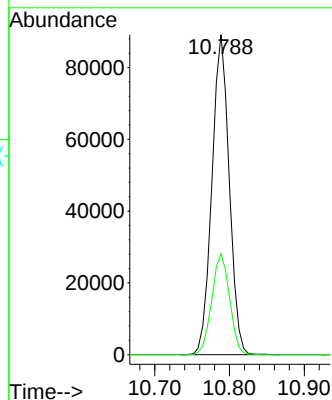
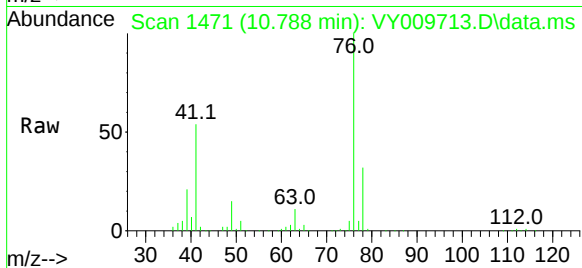
VSTDCCC050

Tgt Ion: 76 Resp: 143391

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 253.920 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009713.D

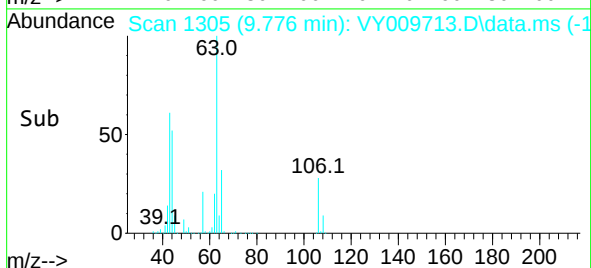
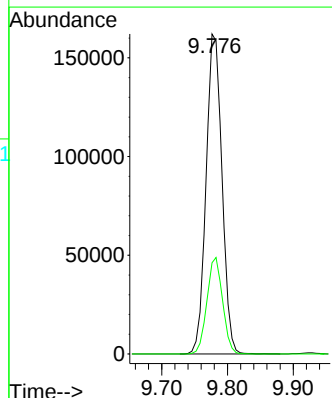
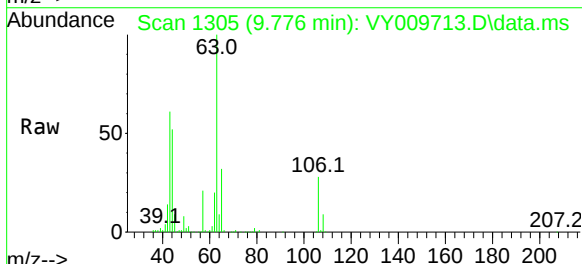
Acq: 27 Jul 2022 09:37

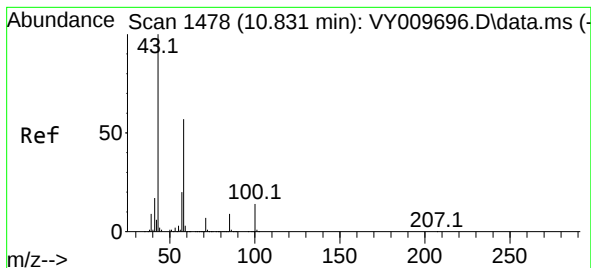
Tgt Ion: 63 Resp: 272779

Ion Ratio Lower Upper

63 100

106 29.6 21.5 32.3

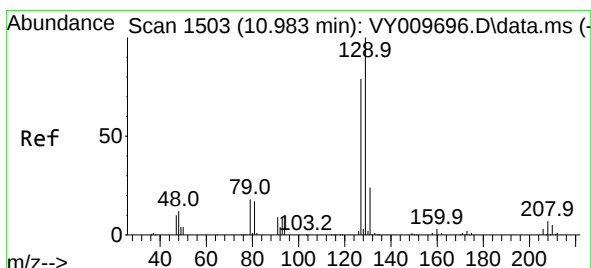
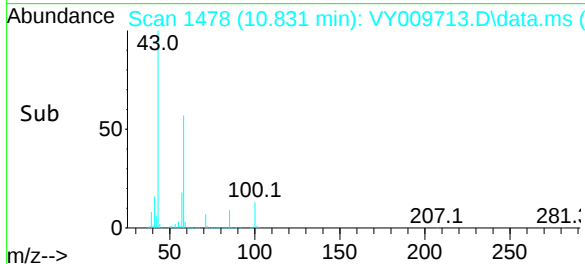
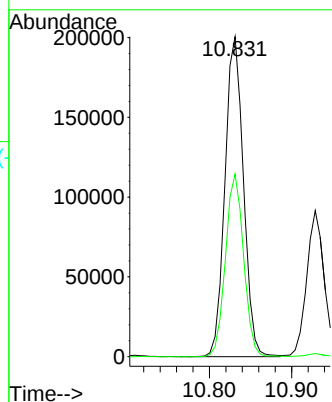
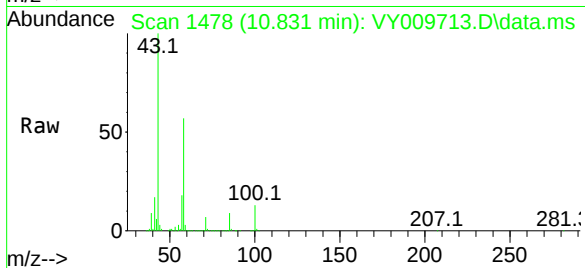




#59  
2-Hexanone  
Concen: 300.123 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

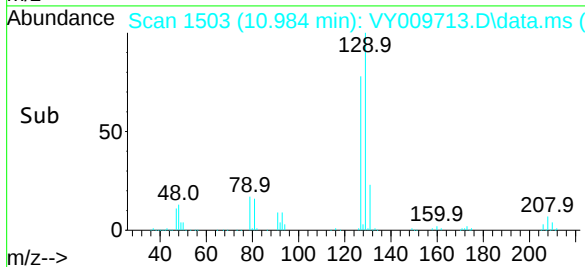
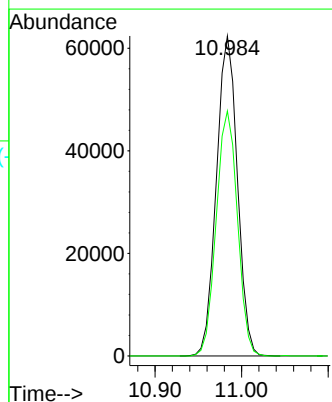
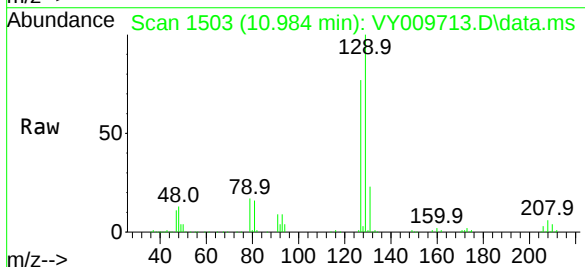
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

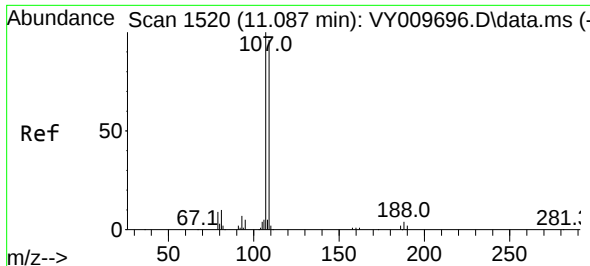
Tgt Ion: 43 Resp: 312548  
Ion Ratio Lower Upper  
43 100  
58 56.0 24.4 73.4



#60  
Dibromochloromethane  
Concen: 51.705 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.001 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 129 Resp: 104983  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.7 116.1

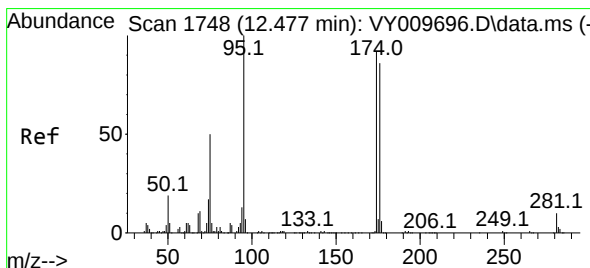
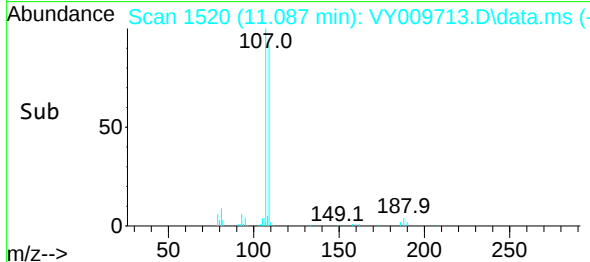
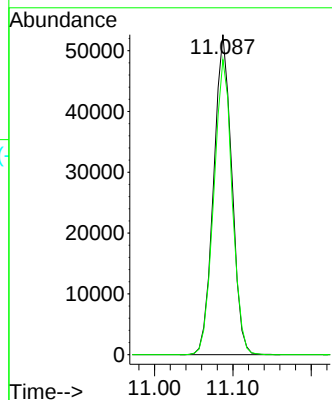
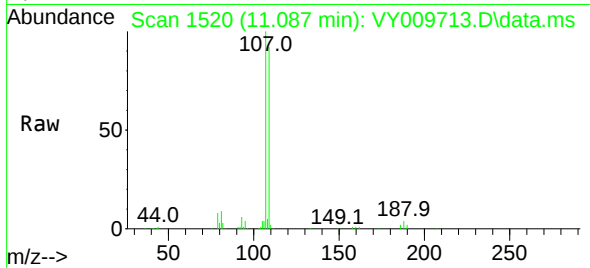




#61  
1,2-Dibromoethane  
Concen: 51.811 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

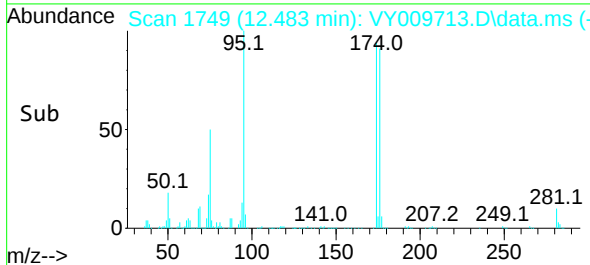
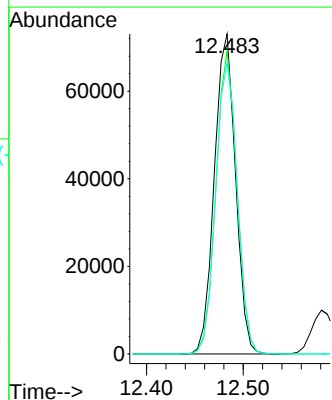
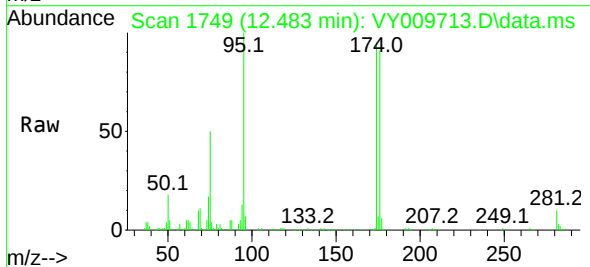
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

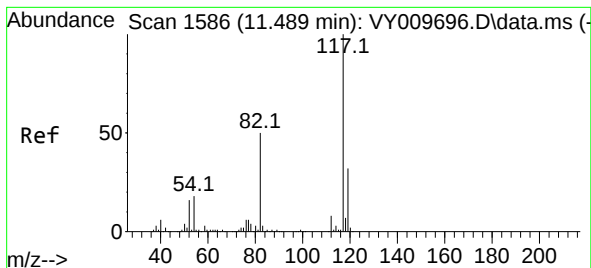
Tgt Ion:107 Resp: 84723  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 49.113 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 95 Resp: 111020  
Ion Ratio Lower Upper  
95 100  
174 94.1 0.0 177.0  
176 92.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

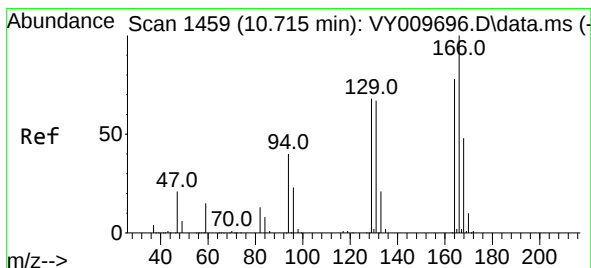
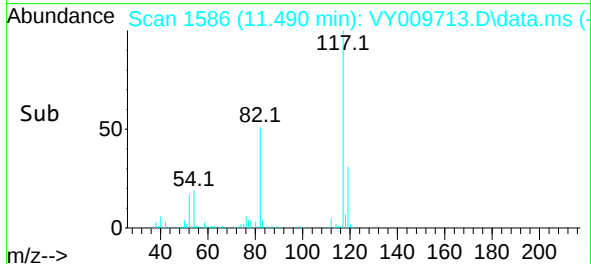
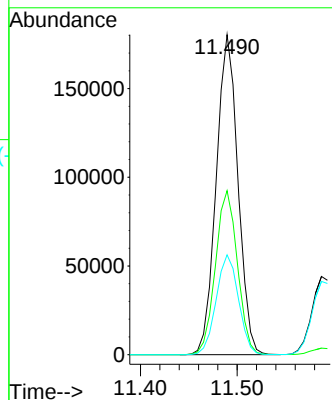
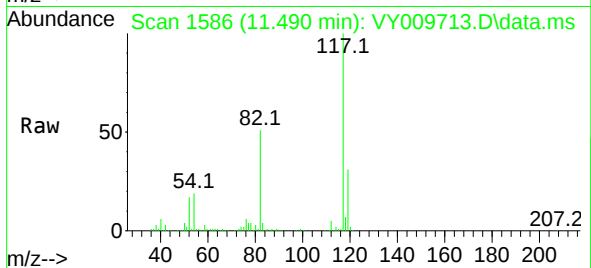
Tgt Ion:117 Resp: 281472

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 49.851 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Tgt Ion:164 Resp: 110634

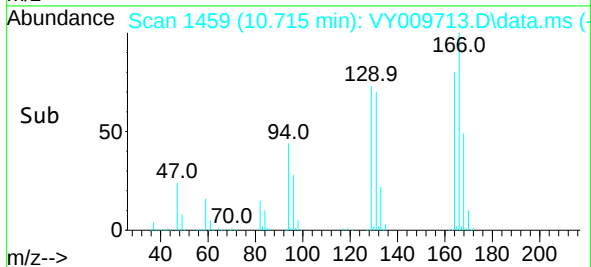
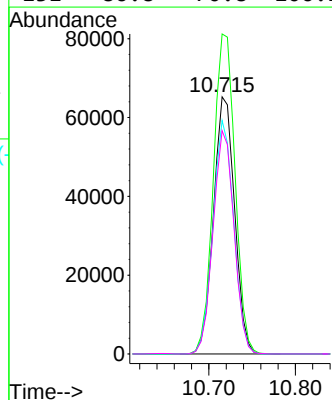
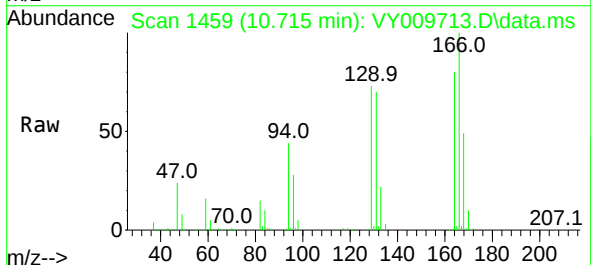
Ion Ratio Lower Upper

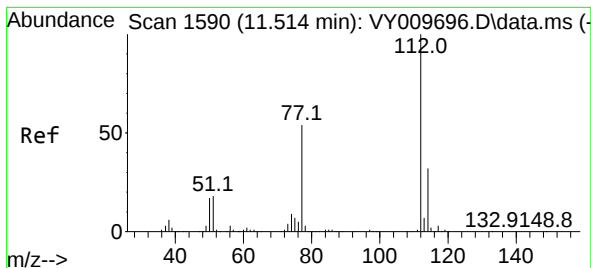
164 100

166 124.4 100.4 150.6

129 90.8 71.4 107.0

131 86.8 70.8 106.2

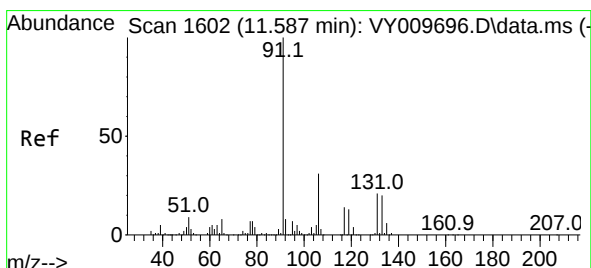
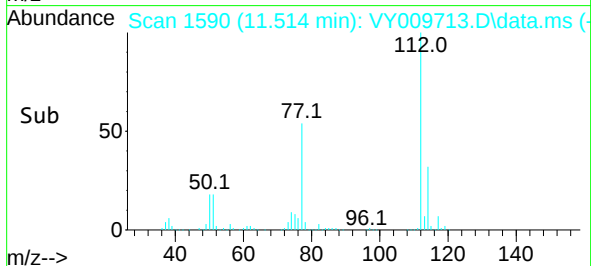
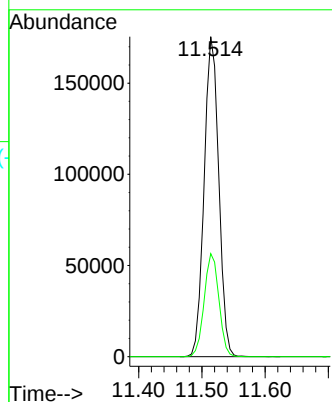
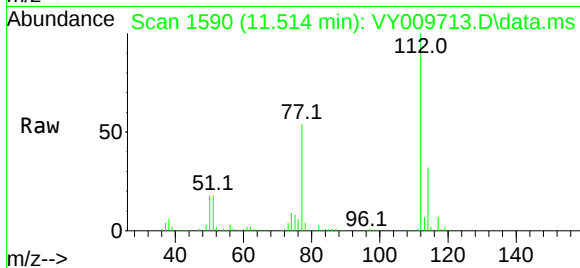




#65  
Chlorobenzene  
Concen: 50.043 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

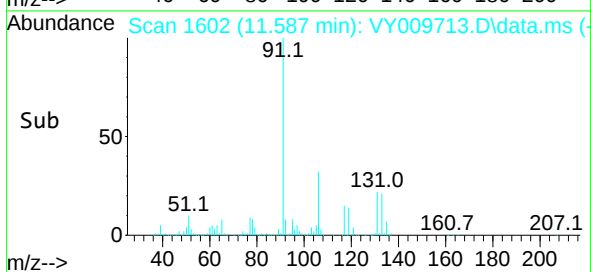
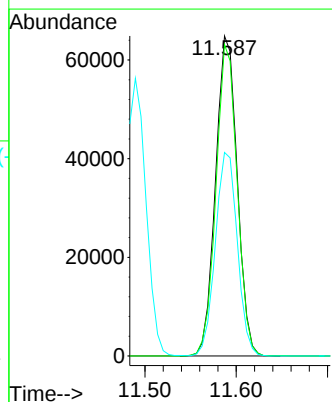
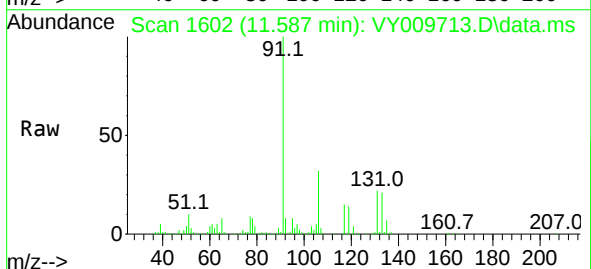
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

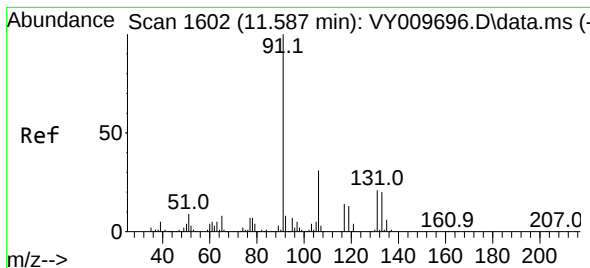
Tgt Ion:112 Resp: 282651  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.792 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion:131 Resp: 106758  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.9 143.6  
119 64.7 30.8 92.3





#67

Ethyl Benzene

Concen: 51.841 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

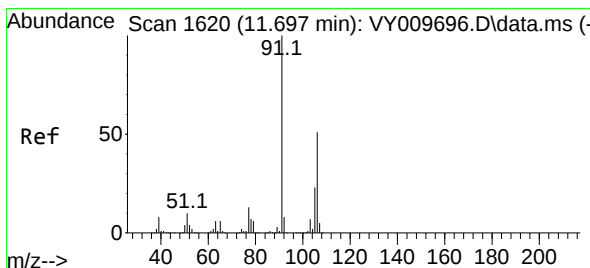
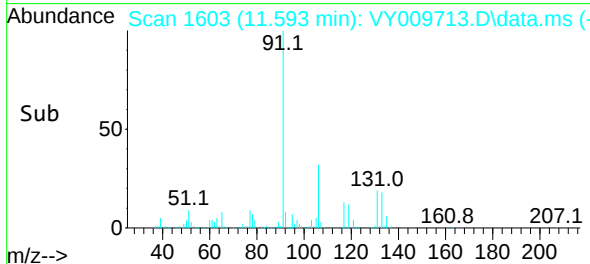
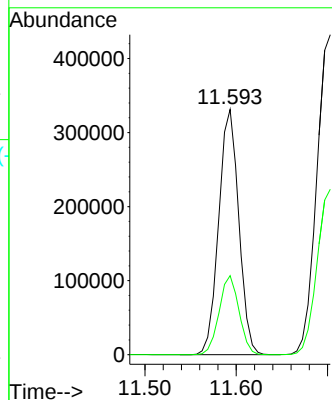
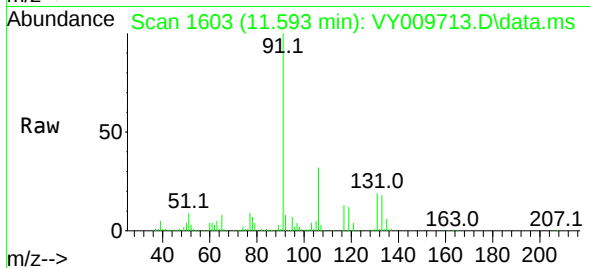
VSTDCCC050

Tgt Ion: 91 Resp: 506115

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 104.702 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009713.D

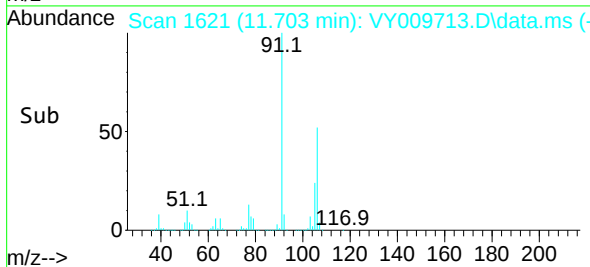
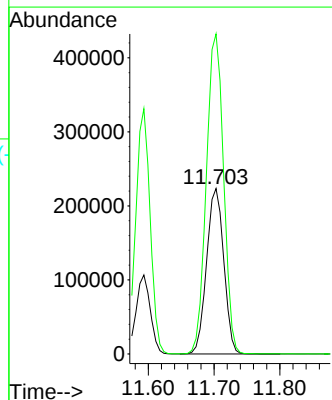
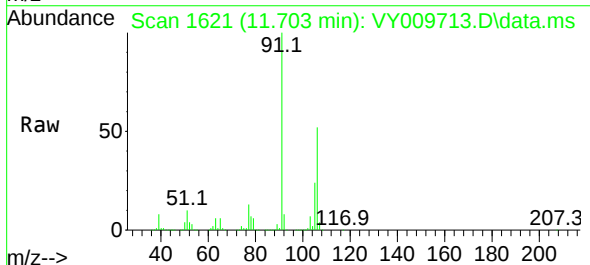
Acq: 27 Jul 2022 09:37

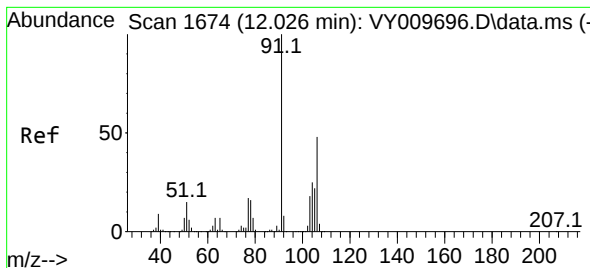
Tgt Ion:106 Resp: 405768

Ion Ratio Lower Upper

106 100

91 194.2 166.6 249.8





#69

o-Xylene

Concen: 52.615 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

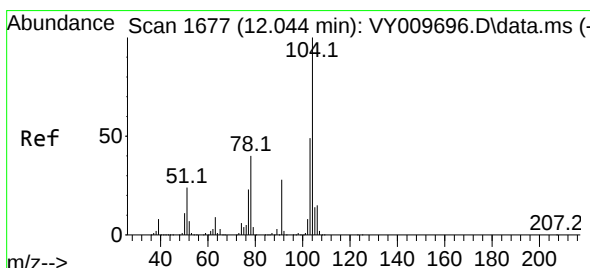
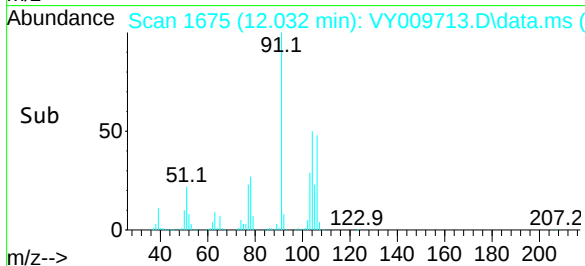
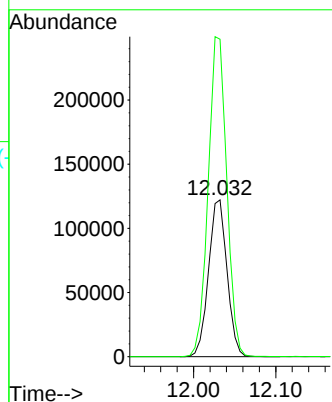
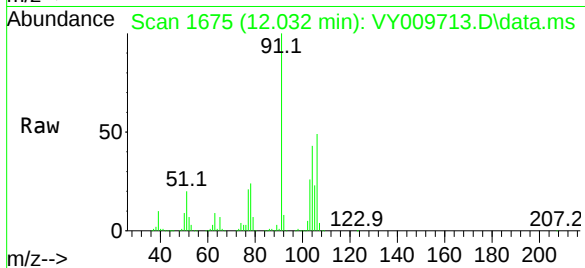
VSTDCCC050

Tgt Ion:106 Resp: 190689

Ion Ratio Lower Upper

106 100

91 204.9 110.3 331.0



#70

Styrene

Concen: 53.484 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

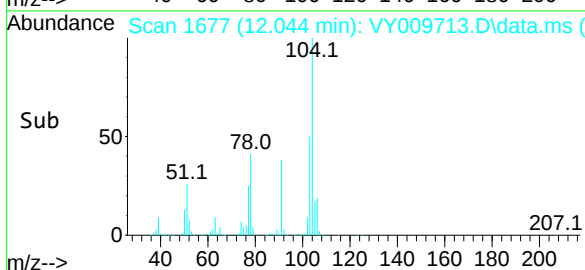
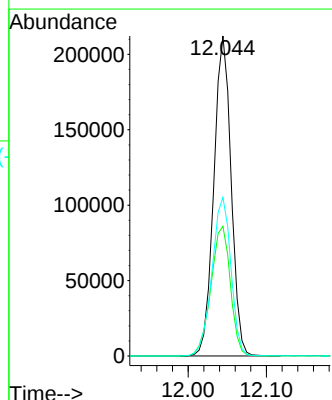
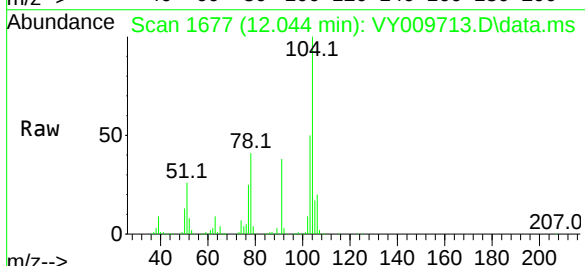
Tgt Ion:104 Resp: 325776

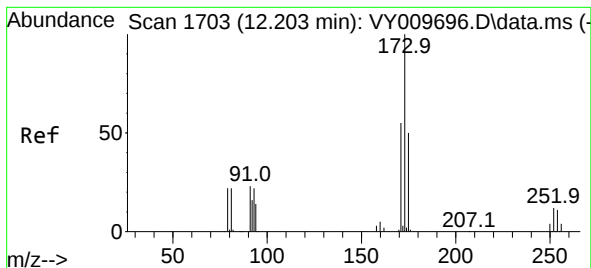
Ion Ratio Lower Upper

104 100

78 45.5 42.4 63.6

103 54.2 44.4 66.6





#71

Bromoform

Concen: 53.504 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

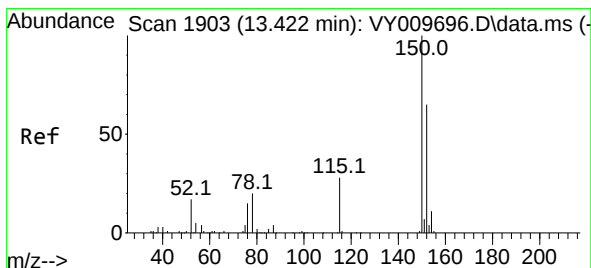
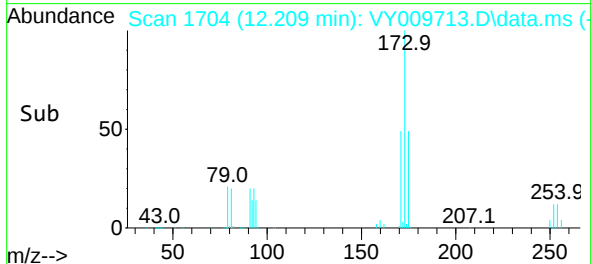
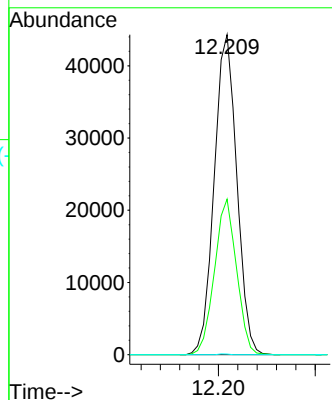
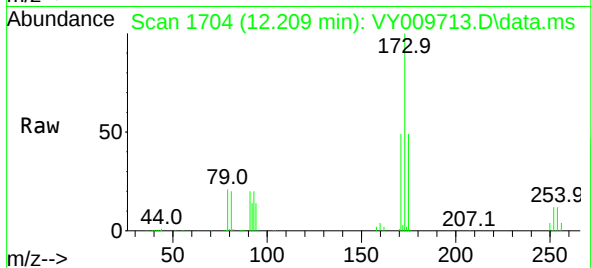
Tgt Ion:173 Resp: 71812

Ion Ratio Lower Upper

173 100

175 47.5 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

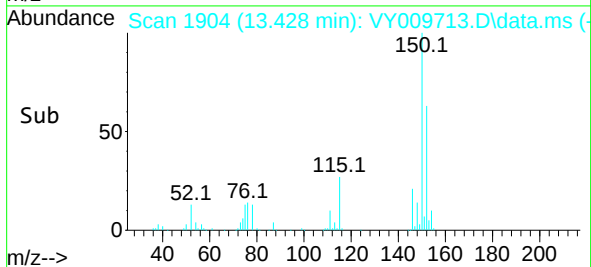
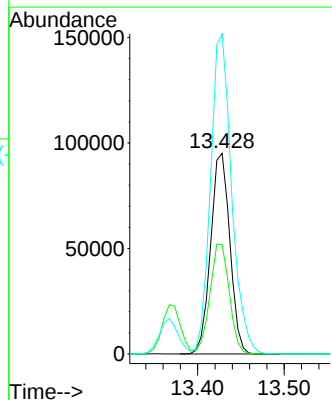
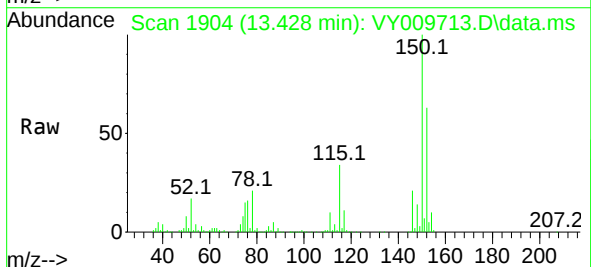
Tgt Ion:152 Resp: 146640

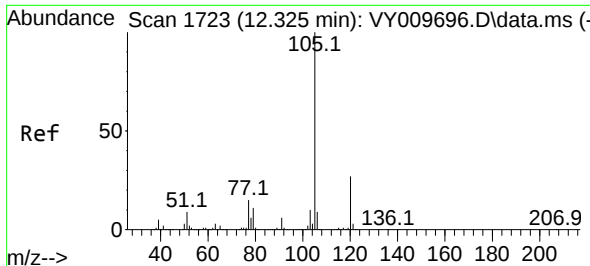
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 174.8 0.0 347.6

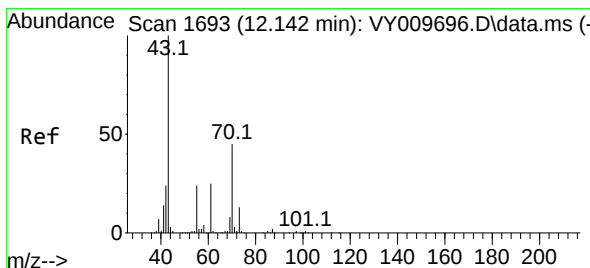
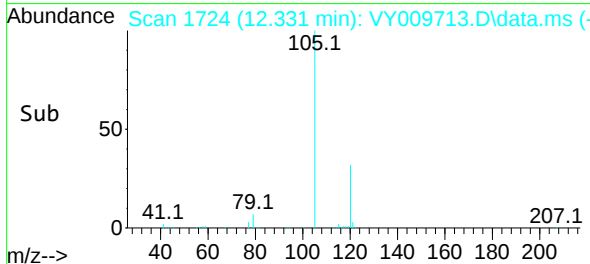
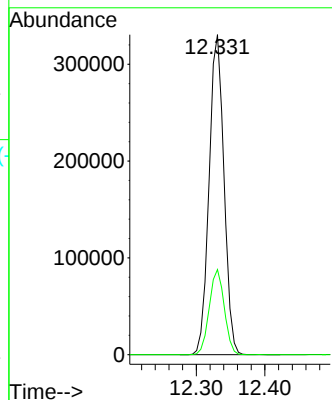
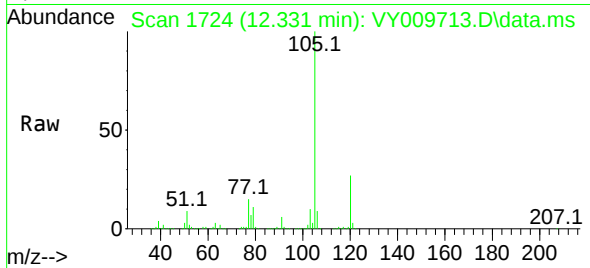




#73  
Isopropylbenzene  
Concen: 51.240 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

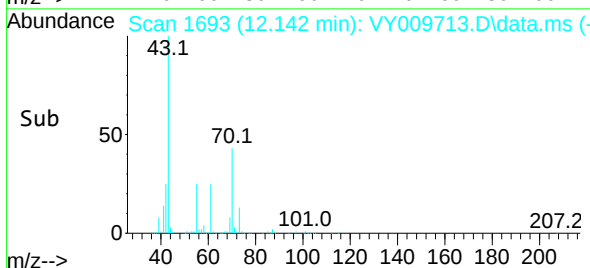
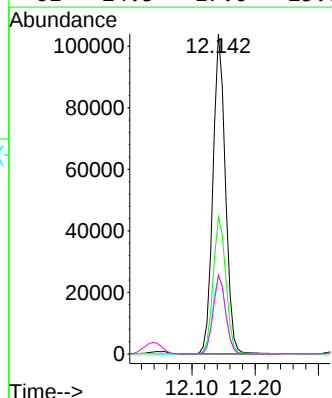
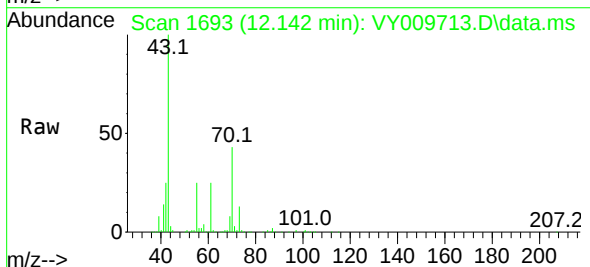
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

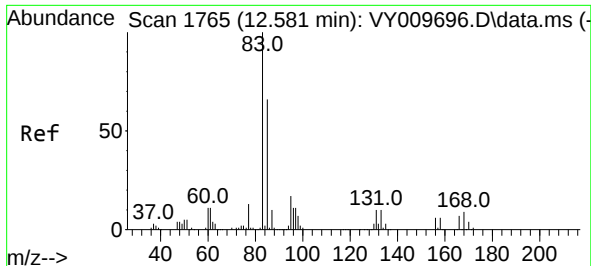
Tgt Ion:105 Resp: 499493  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-amy1 acetate  
Concen: 56.677 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 43 Resp: 142706  
Ion Ratio Lower Upper  
43 100  
70 43.6 28.7 43.1#  
55 25.4 17.3 25.9  
61 24.5 17.0 25.6

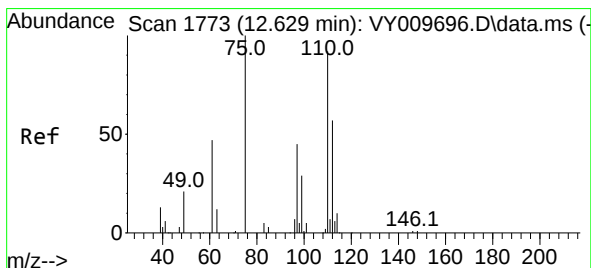
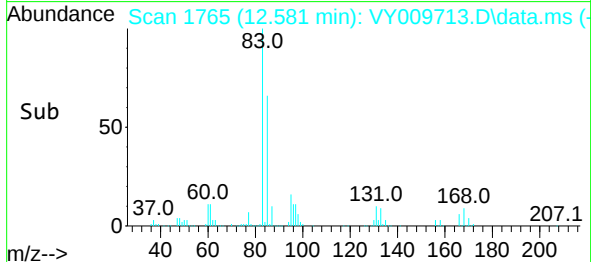
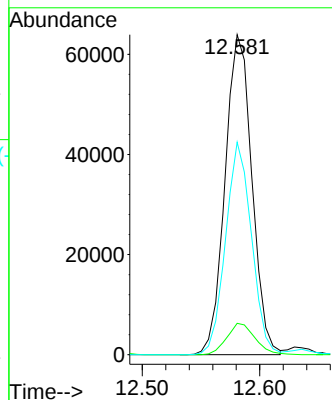
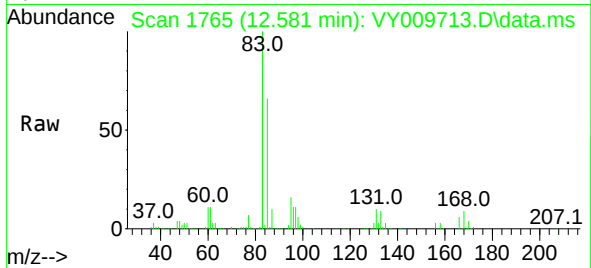




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.056 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

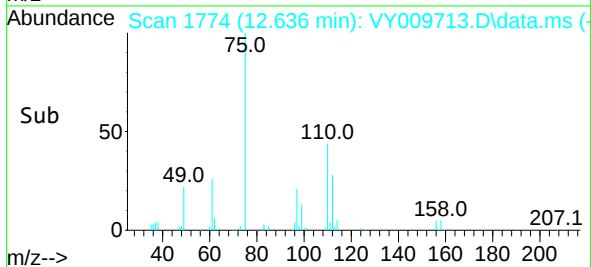
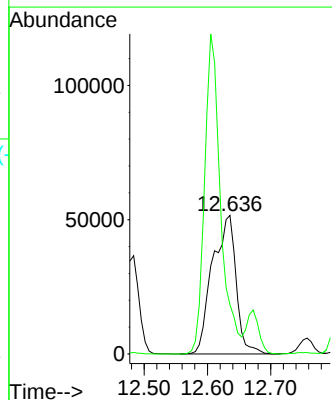
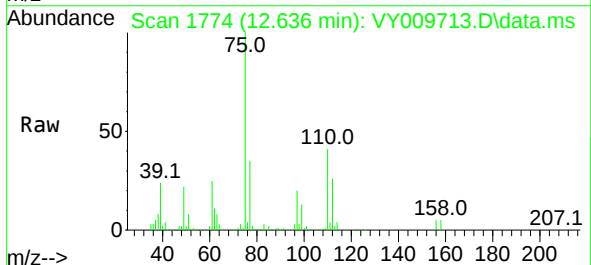
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

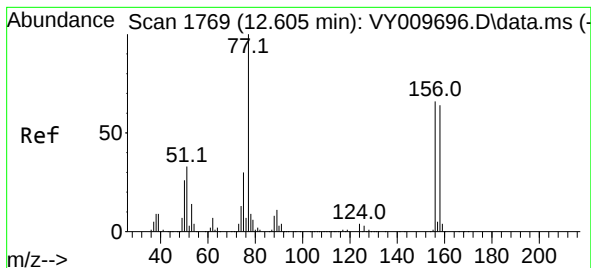
Tgt Ion: 83 Resp: 101731  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.6 16.8  
85 64.0 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 98.372 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.007 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 75 Resp: 133990  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.995 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

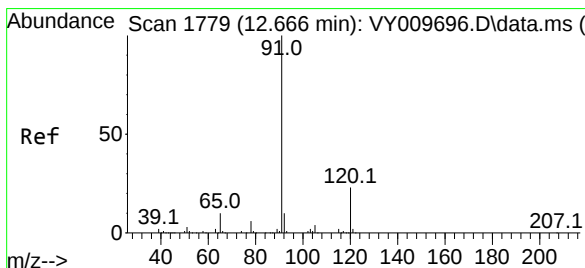
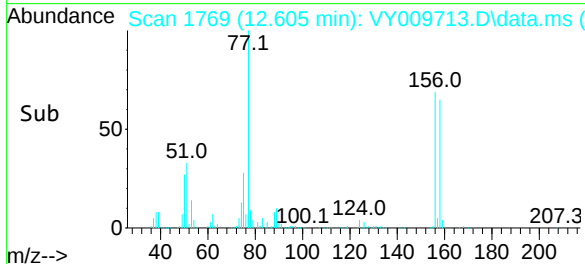
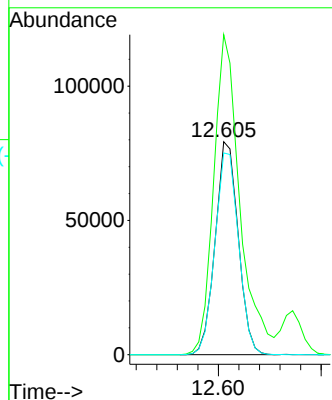
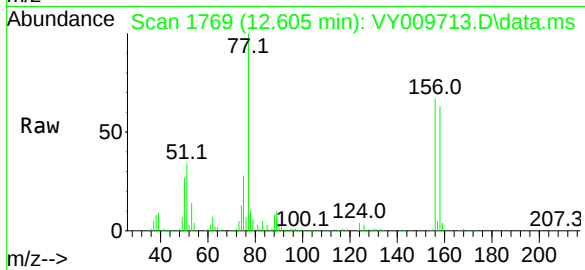
Tgt Ion:156 Resp: 123456

Ion Ratio Lower Upper

156 100

77 170.9 95.5 286.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 52.150 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009713.D

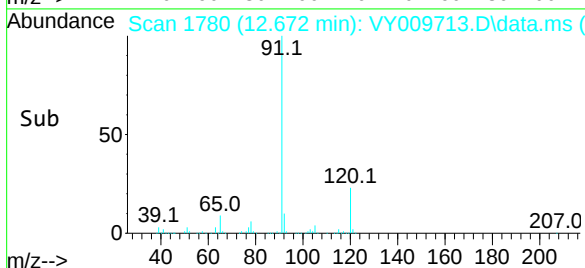
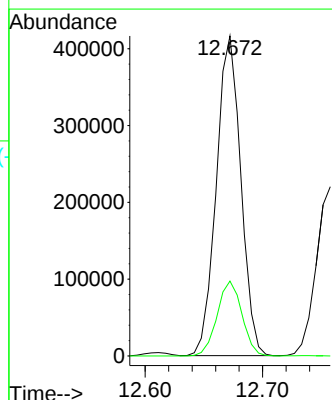
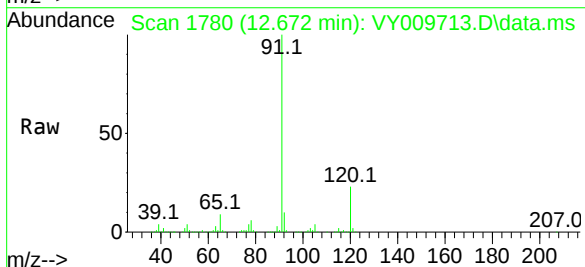
Acq: 27 Jul 2022 09:37

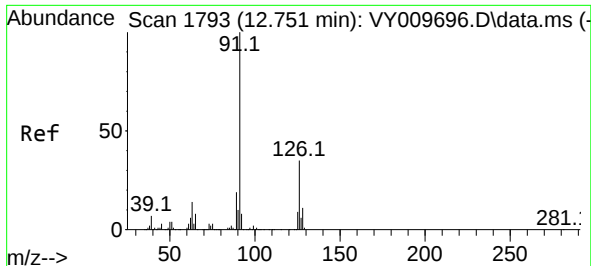
Tgt Ion: 91 Resp: 604124

Ion Ratio Lower Upper

91 100

120 23.6 11.3 33.9

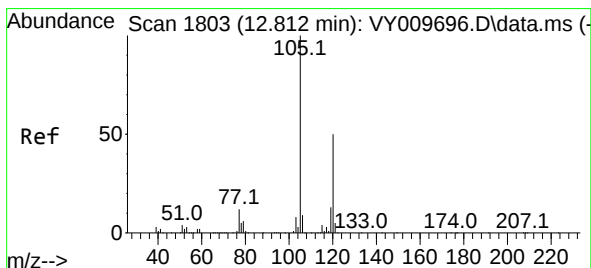
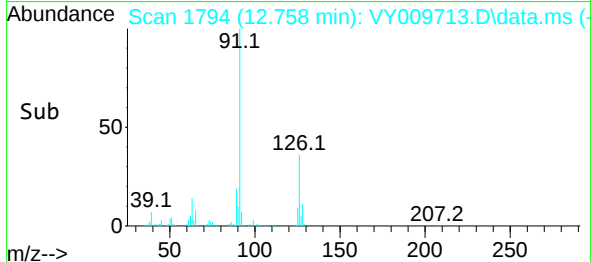
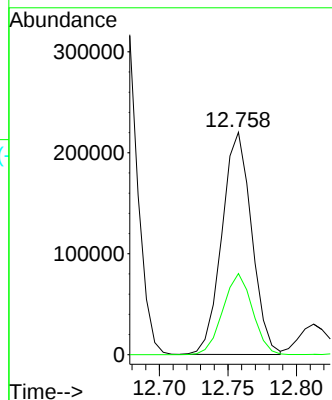
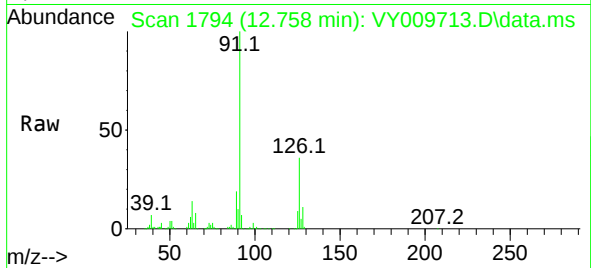




#79  
2-Chlorotoluene  
Concen: 50.681 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.007 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

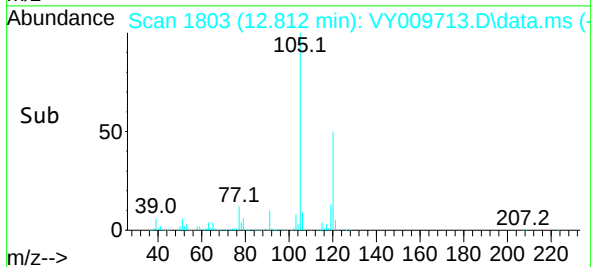
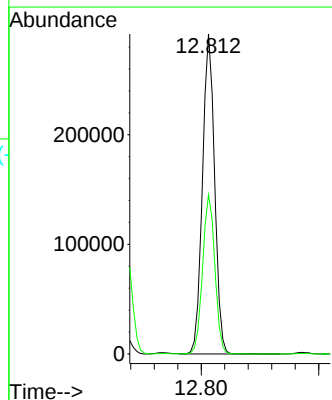
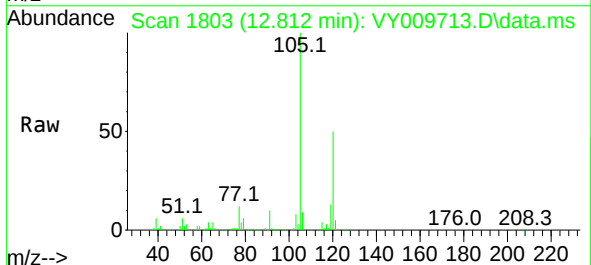
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

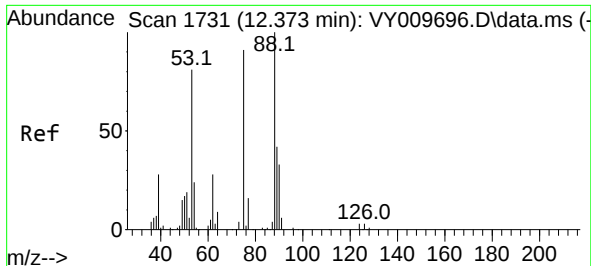
Tgt Ion: 91 Resp: 332278  
Ion Ratio Lower Upper  
91 100  
126 36.4 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 51.955 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 105 Resp: 419741  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.4 73.4

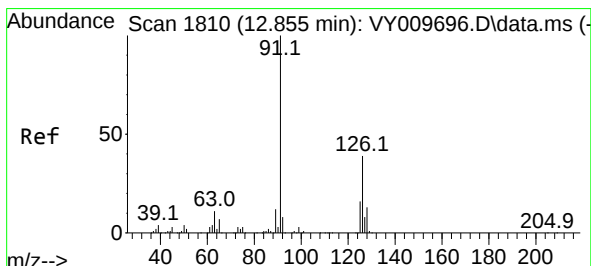
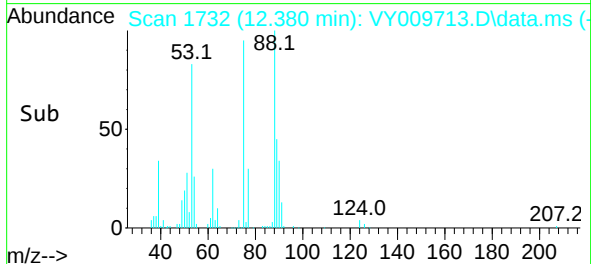
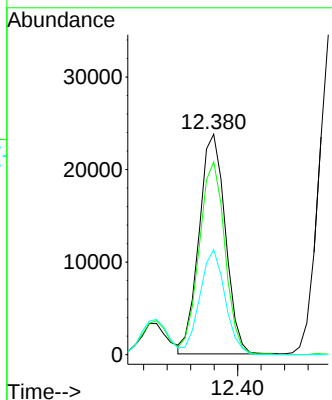
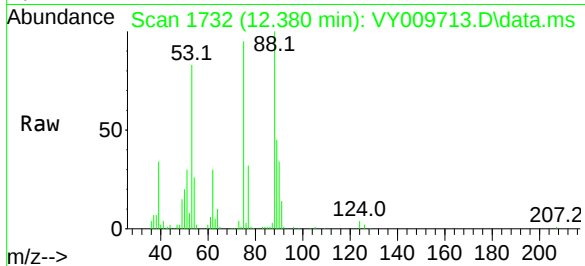




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.071 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.007 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

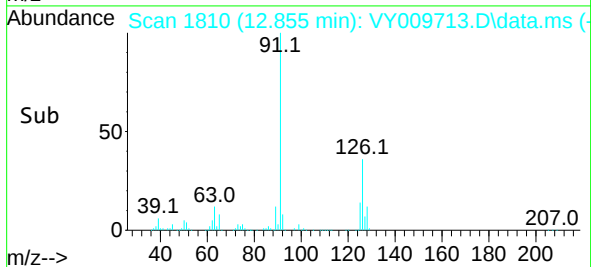
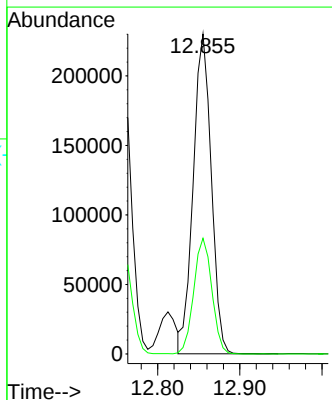
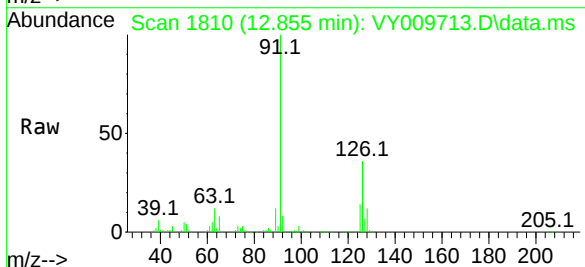
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

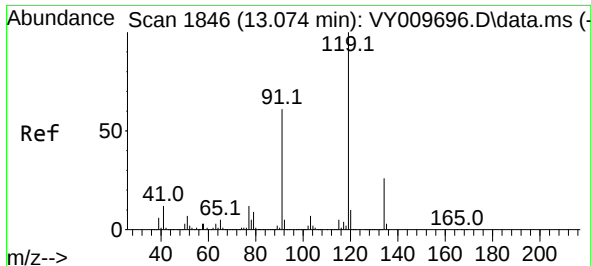
Tgt Ion: 75 Resp: 36948  
Ion Ratio Lower Upper  
75 100  
53 86.3 85.3 127.9  
89 46.1 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 51.354 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 91 Resp: 350241  
Ion Ratio Lower Upper  
91 100  
126 36.4 17.0 51.0

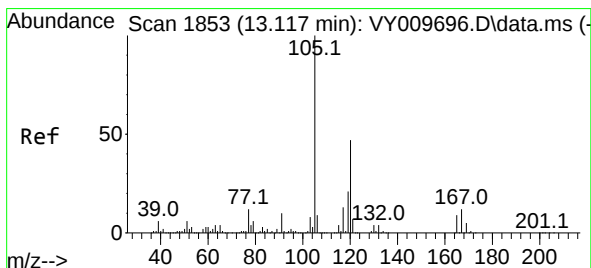
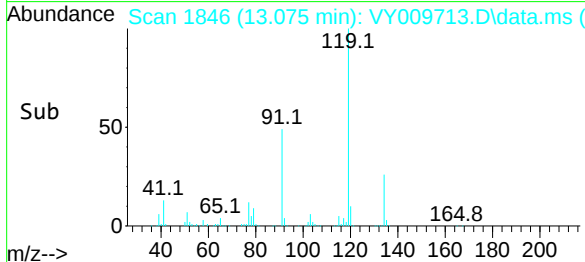
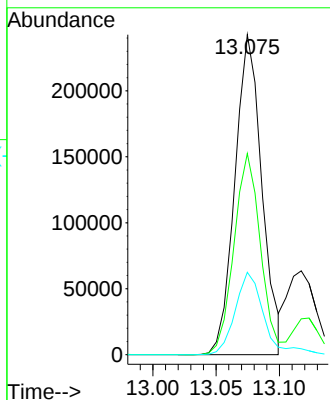
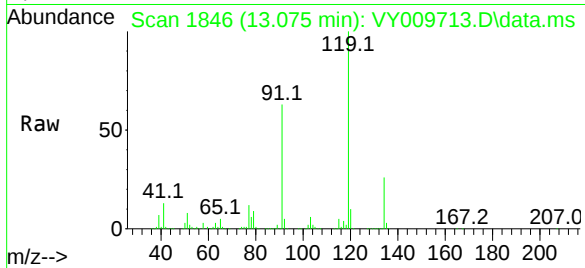




#83  
tert-Butylbenzene  
Concen: 49.673 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.001 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

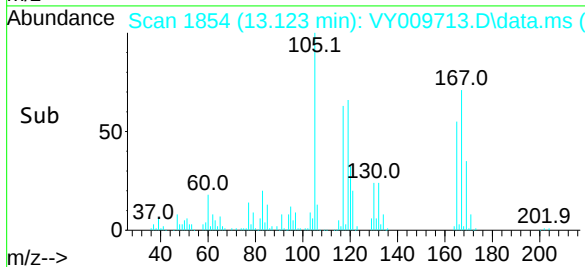
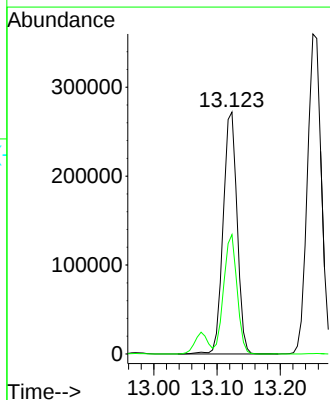
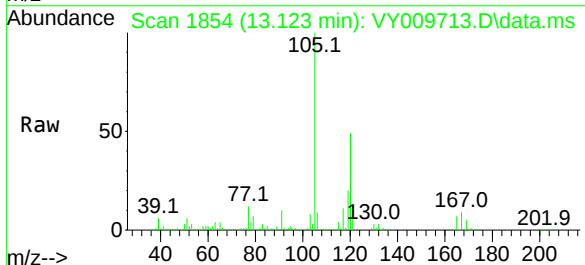
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

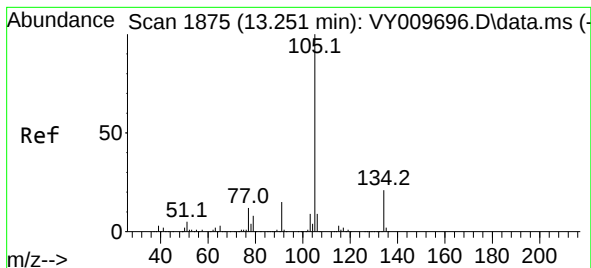
Tgt Ion:119 Resp: 360642  
Ion Ratio Lower Upper  
119 100  
91 61.4 34.8 104.4  
134 27.4 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 50.969 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion:105 Resp: 415036  
Ion Ratio Lower Upper  
105 100  
120 47.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.423 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

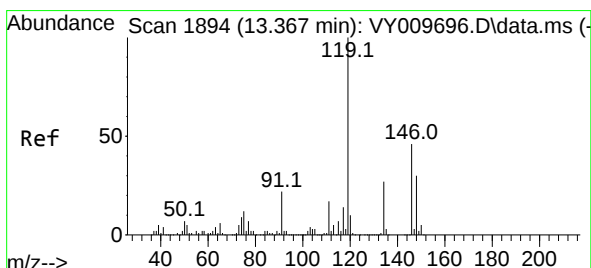
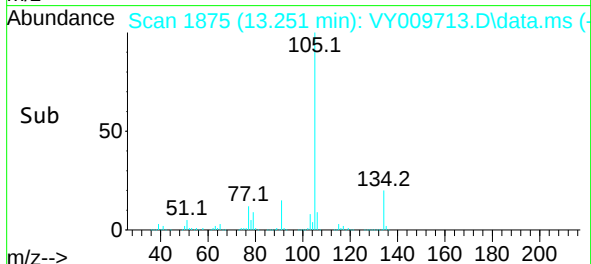
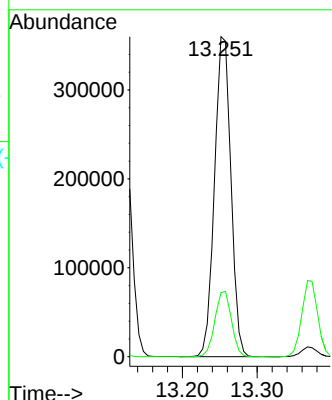
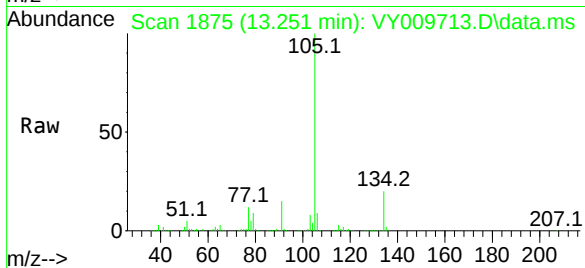
VSTDCCC050

Tgt Ion:105 Resp: 548158

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.815 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

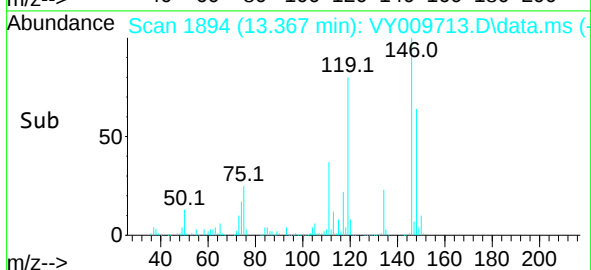
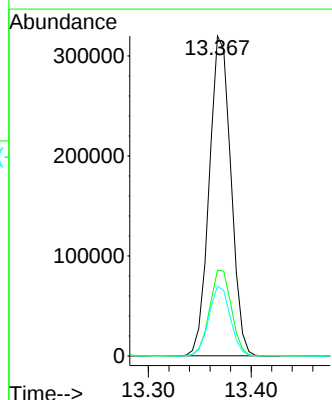
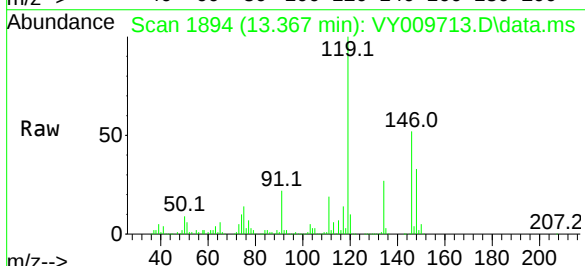
Tgt Ion:119 Resp: 467156

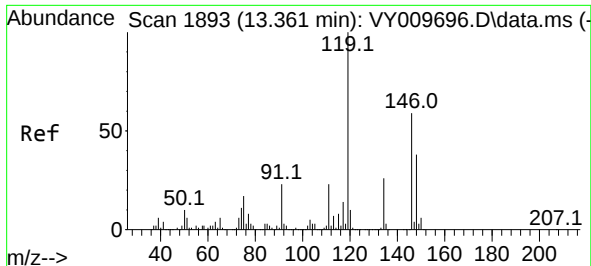
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 21.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.379 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

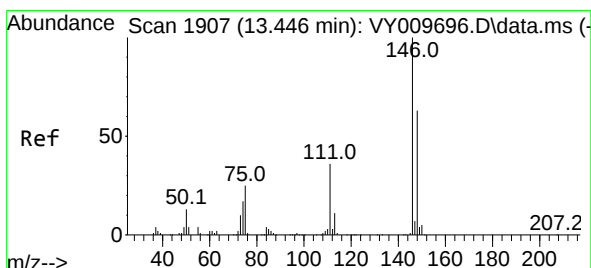
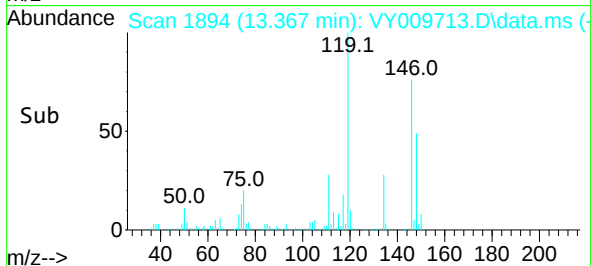
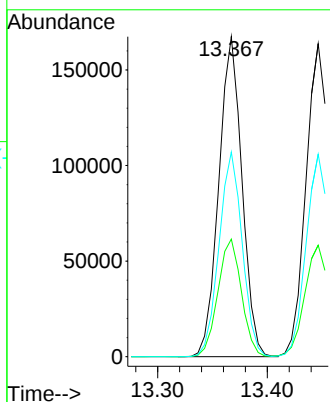
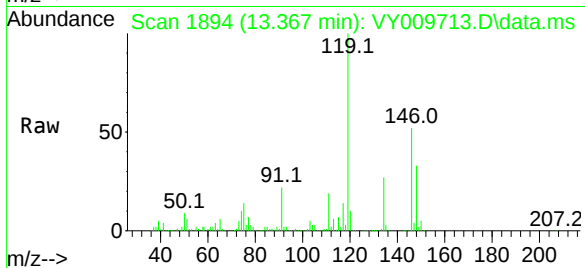
Tgt Ion:146 Resp: 246263

Ion Ratio Lower Upper

146 100

111 37.3 19.5 58.5

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.728 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

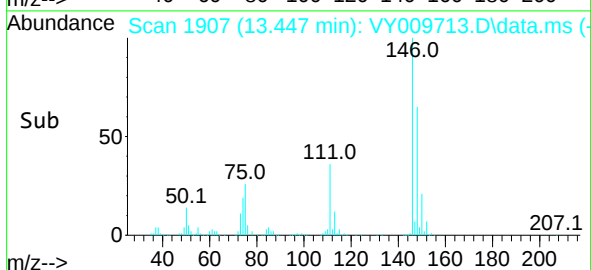
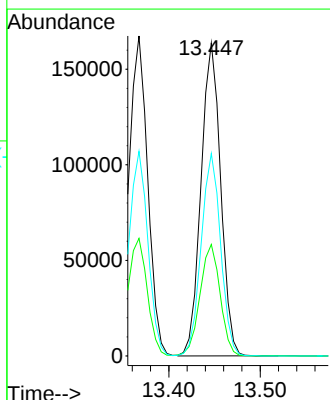
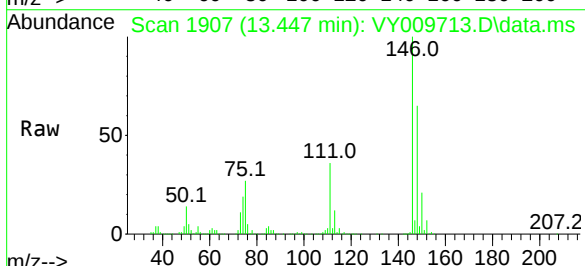
Tgt Ion:146 Resp: 244791

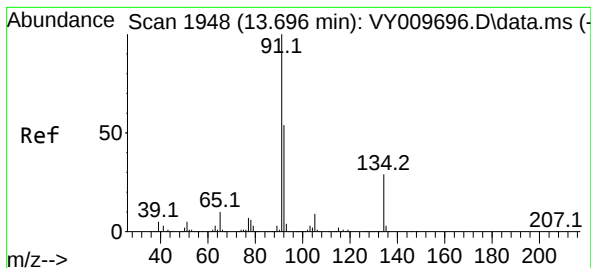
Ion Ratio Lower Upper

146 100

111 36.5 19.3 57.8

148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 51.942 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

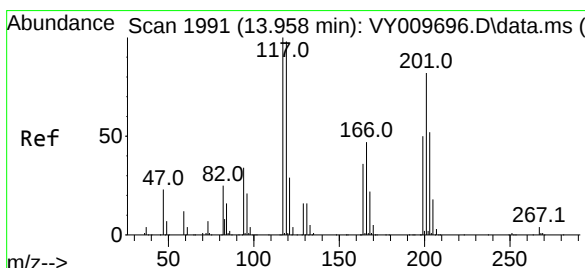
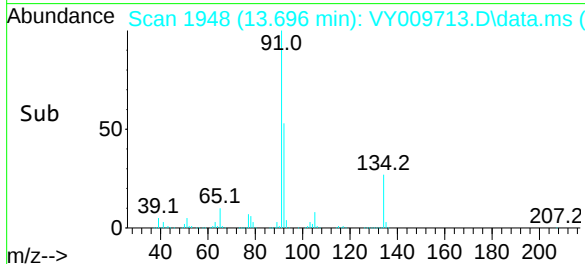
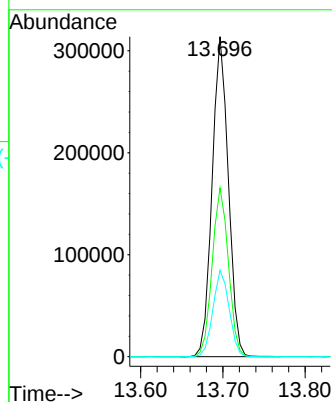
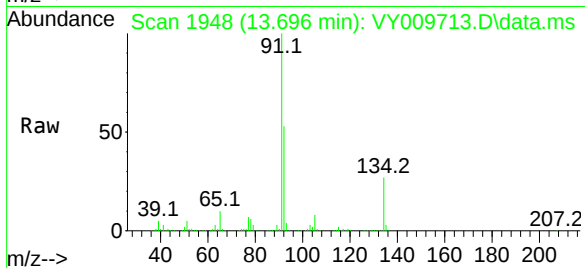
Tgt Ion: 91 Resp: 429039

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 49.030 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY009713.D

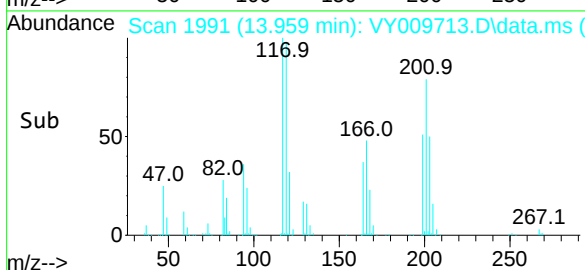
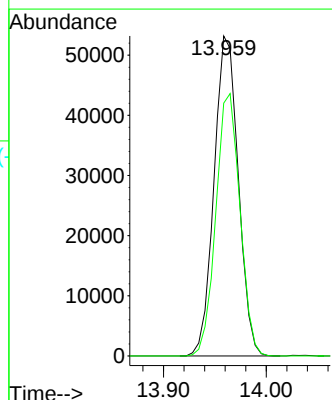
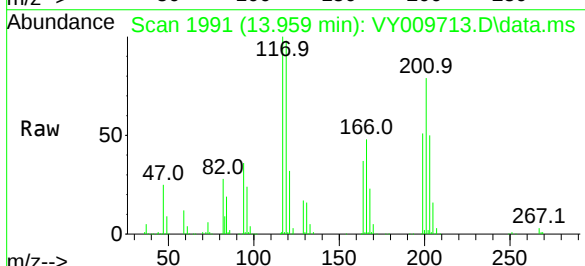
Acq: 27 Jul 2022 09:37

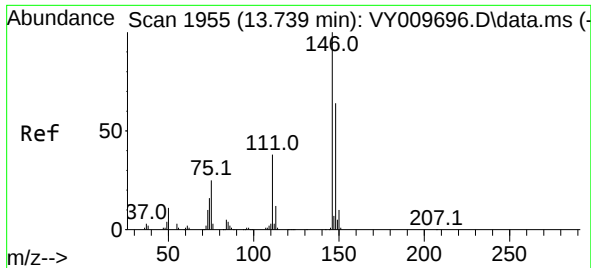
Tgt Ion: 117 Resp: 86956

Ion Ratio Lower Upper

117 100

201 81.6 43.0 128.8

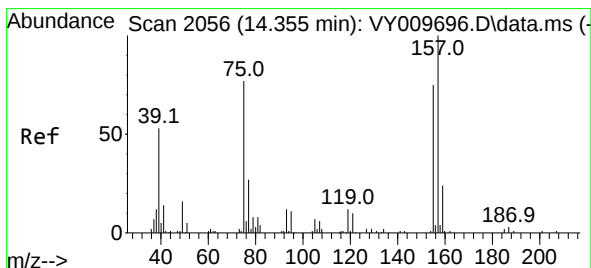
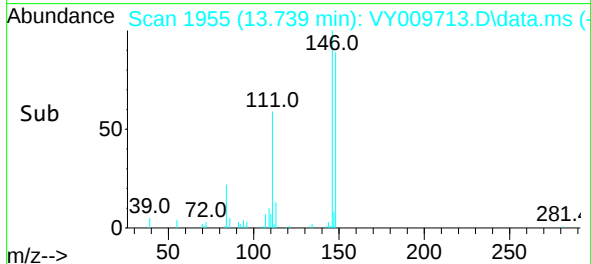
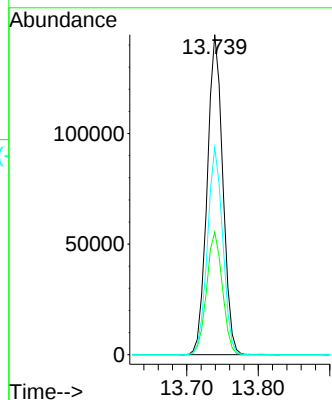
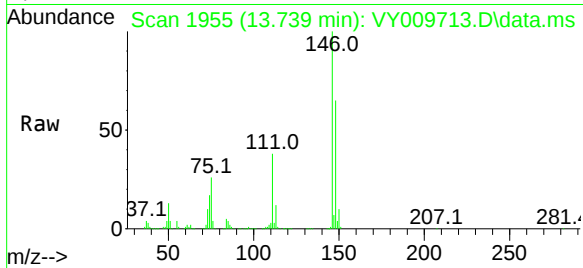




#91  
1,2-Dichlorobenzene  
Concen: 50.228 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

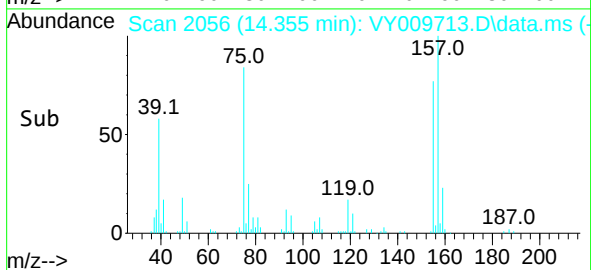
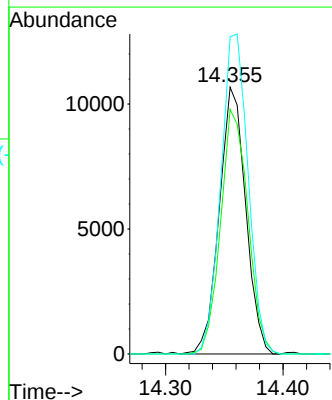
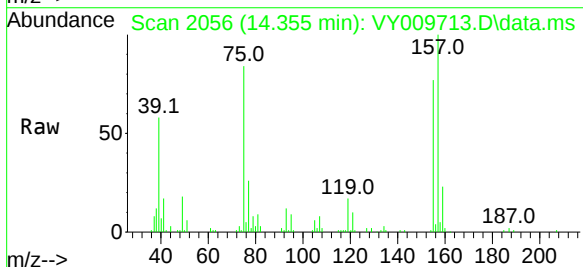
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

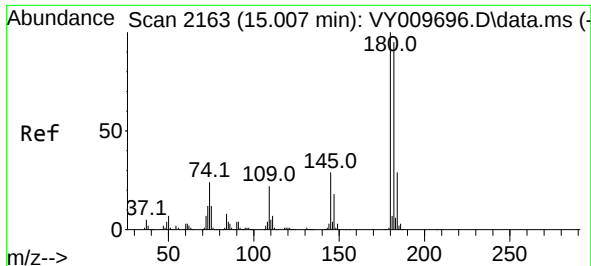
Tgt Ion:146 Resp: 219274  
Ion Ratio Lower Upper  
146 100  
111 38.6 20.3 60.9  
148 63.6 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.795 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion: 75 Resp: 16688  
Ion Ratio Lower Upper  
75 100  
155 94.5 38.0 113.9  
157 123.5 47.8 143.3

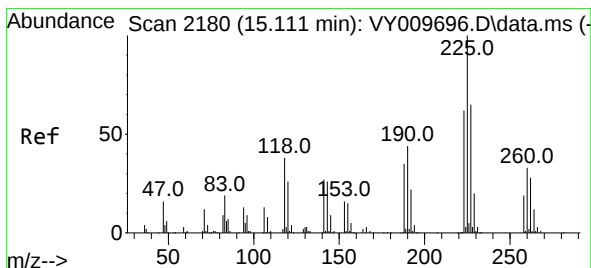
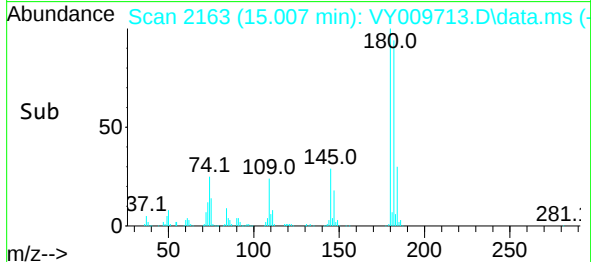
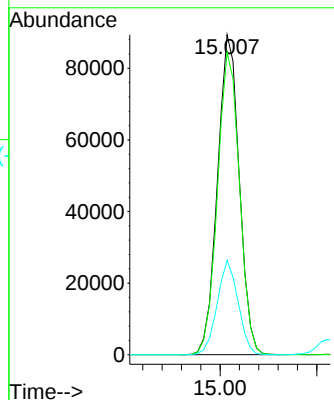
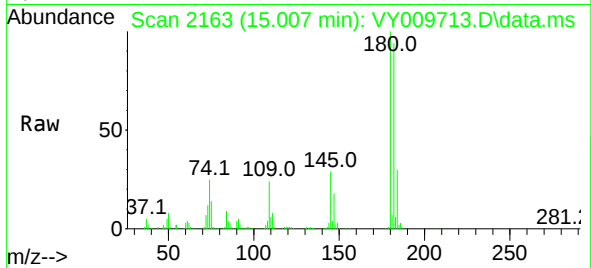




#93  
1,2,4-Trichlorobenzene  
Concen: 50.555 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

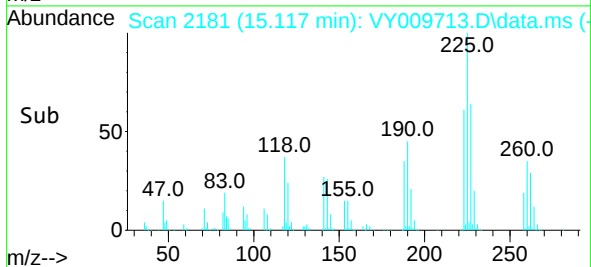
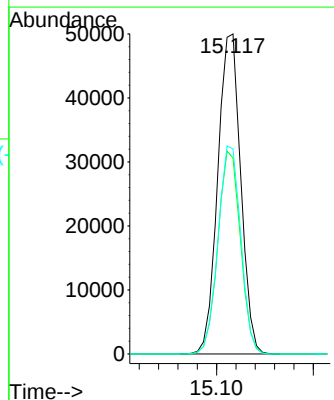
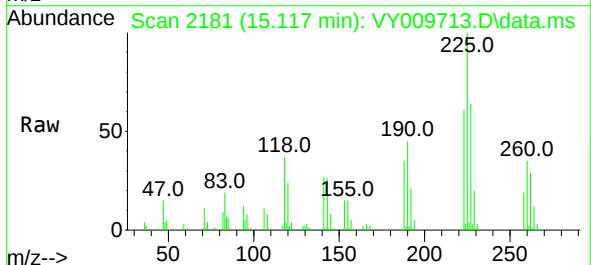
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

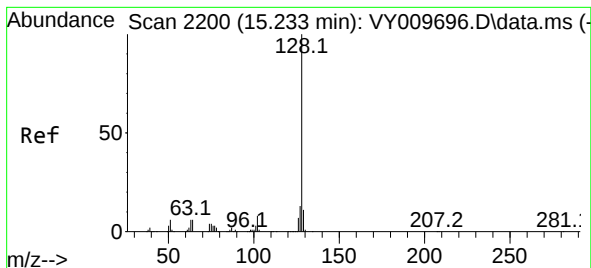
Tgt Ion:180 Resp: 139296  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.3 141.9  
145 28.3 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 49.337 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY009713.D  
Acq: 27 Jul 2022 09:37

Tgt Ion:225 Resp: 82307  
Ion Ratio Lower Upper  
225 100  
223 62.2 30.8 92.3  
227 64.5 31.6 94.7





#95

Naphthalene

Concen: 54.536 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

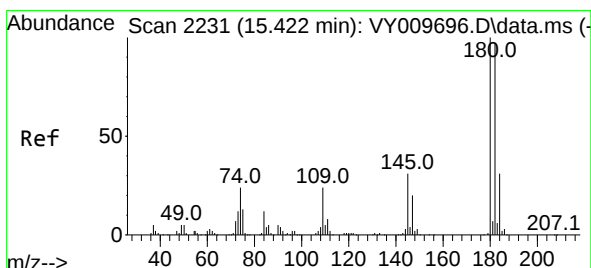
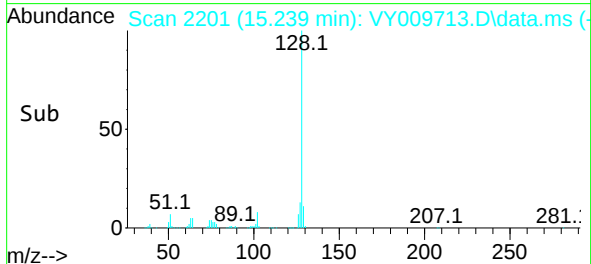
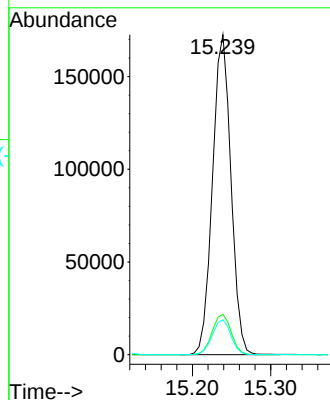
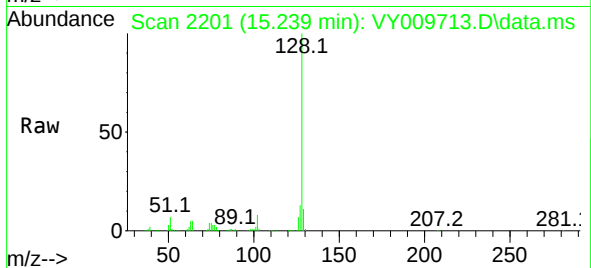
Tgt Ion:128 Resp: 281661

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.208 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY009713.D

Acq: 27 Jul 2022 09:37

Tgt Ion:180 Resp: 123405

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 30.3 15.3 45.9

