

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062722\  
 Data File : VY009339.D  
 Acq On : 27 Jun 2022 11:38  
 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: Jun 28 04:28:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062422S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 07:08:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 190953   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 302324   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 273417   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 130049   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 63953    | 43.906   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 87.820% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 73780    | 45.213   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 90.420% |
| 50) Toluene-d8              | 10.173 | 98    | 225330   | 46.830   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 93.660% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 108136   | 46.529   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 93.060% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 70285   | 44.592  | ug/l   | 94  |
| 3) Chloromethane             | 2.107 | 50  | 79004   | 42.661  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.241 | 62  | 86918   | 43.632  | ug/l   | 97  |
| 5) Bromomethane              | 2.637 | 94  | 52280   | 40.715  | ug/l   | 96  |
| 6) Chloroethane              | 2.784 | 64  | 47009   | 46.613  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 114713  | 45.256  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.521 | 74  | 32345   | 32.861  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 64275   | 35.471  | ug/l   | 93  |
| 10) Methyl Iodide            | 4.076 | 142 | 105908  | 44.016  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 51964   | 190.568 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 59241   | 33.260  | ug/l   | 94  |
| 13) Acrolein                 | 3.716 | 56  | 20469   | 115.792 | ug/l   | 96  |
| 14) Allyl chloride           | 4.466 | 41  | 149235  | 47.731  | ug/l   | 100 |
| 15) Acrylonitrile            | 5.149 | 53  | 133526  | 246.292 | ug/l   | 99  |
| 16) Acetone                  | 3.942 | 43  | 106481  | 218.116 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.180 | 76  | 240073  | 41.401  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.466 | 43  | 59707   | 43.929  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.204 | 73  | 242220  | 48.408  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.704 | 84  | 103587  | 49.285  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 99525   | 47.363  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.112 | 45  | 317091  | 51.194  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.051 | 43  | 1017928 | 255.374 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 177789  | 49.760  | ug/l   | 97  |
| 25) 2-Butanone               | 6.978 | 43  | 183489  | 249.939 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 158531  | 47.839  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 114048  | 49.518  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.325 | 49  | 77640   | 50.798  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.338 | 42  | 118262  | 251.002 | ug/l   | 99  |
| 30) Chloroform               | 7.496 | 83  | 176950  | 49.090  | ug/l   | 98  |
| 31) Cyclohexane              | 7.777 | 56  | 159949  | 46.322  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 154554  | 48.556  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 136199  | 49.733  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.063 | 43  | 78854   | 50.697  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.892 | 117 | 142927  | 50.754  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 169048  | 49.539  | ug/l   | 97  |
| 40) Benzene                  | 8.155 | 78  | 404218  | 50.155  | ug/l   | 98  |

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062422S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 07:08:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 105240   | 125.673 | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 111248   | 49.031  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.270  | 43   | 142263   | 49.508  | ug/l   | 99       |
| 44) Trichloroethene           | 8.935  | 130  | 110953   | 49.233  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 101195   | 51.157  | ug/l   | 97       |
| 46) Dibromomethane            | 9.301  | 93   | 57975    | 50.547  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.490  | 83   | 134926   | 50.587  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 64601    | 50.586  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 15568    | 998.288 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 365196   | 251.547 | ug/l   | 99       |
| 52) Toluene                   | 10.240 | 92   | 253494   | 50.769  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 145244   | 51.452  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 164835   | 51.250  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 81736    | 51.763  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 109251   | 52.343  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 137941   | 51.430  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 273008   | 252.923 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.831 | 43   | 254962   | 252.481 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.977 | 129  | 98331    | 51.403  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 78248    | 50.558  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 117363   | 49.348  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 270420   | 49.846  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 99243    | 51.052  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.587 | 91   | 479539   | 50.062  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.697 | 106  | 376878   | 100.145 | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 179127   | 50.723  | ug/l   | 100      |
| 70) Styrene                   | 12.038 | 104  | 300661   | 51.287  | ug/l   | 99       |
| 71) Bromoform                 | 12.203 | 173  | 61732    | 51.447  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.325 | 105  | 473019   | 52.753  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 119534   | 49.629  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 87788    | 51.943  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 118099   | 93.580  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 111807   | 50.942  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.666 | 91   | 567794   | 51.348  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 317224   | 51.635  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 388297   | 51.412  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 31798    | 49.877  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 327273   | 51.124  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.068 | 119  | 343829   | 52.059  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 382737   | 51.397  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 508295   | 51.884  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 419046   | 51.705  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 215995   | 51.085  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 218596   | 51.240  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 395788   | 52.069  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 81813    | 53.342  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 192296   | 50.672  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 14371    | 49.211  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 117776   | 51.585  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 66477    | 52.710  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 244313   | 53.446  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 102697   | 51.921  | ug/l   | 98       |

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ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Sat Jun 25 07:08:46 2022  
Response via : Initial Calibration

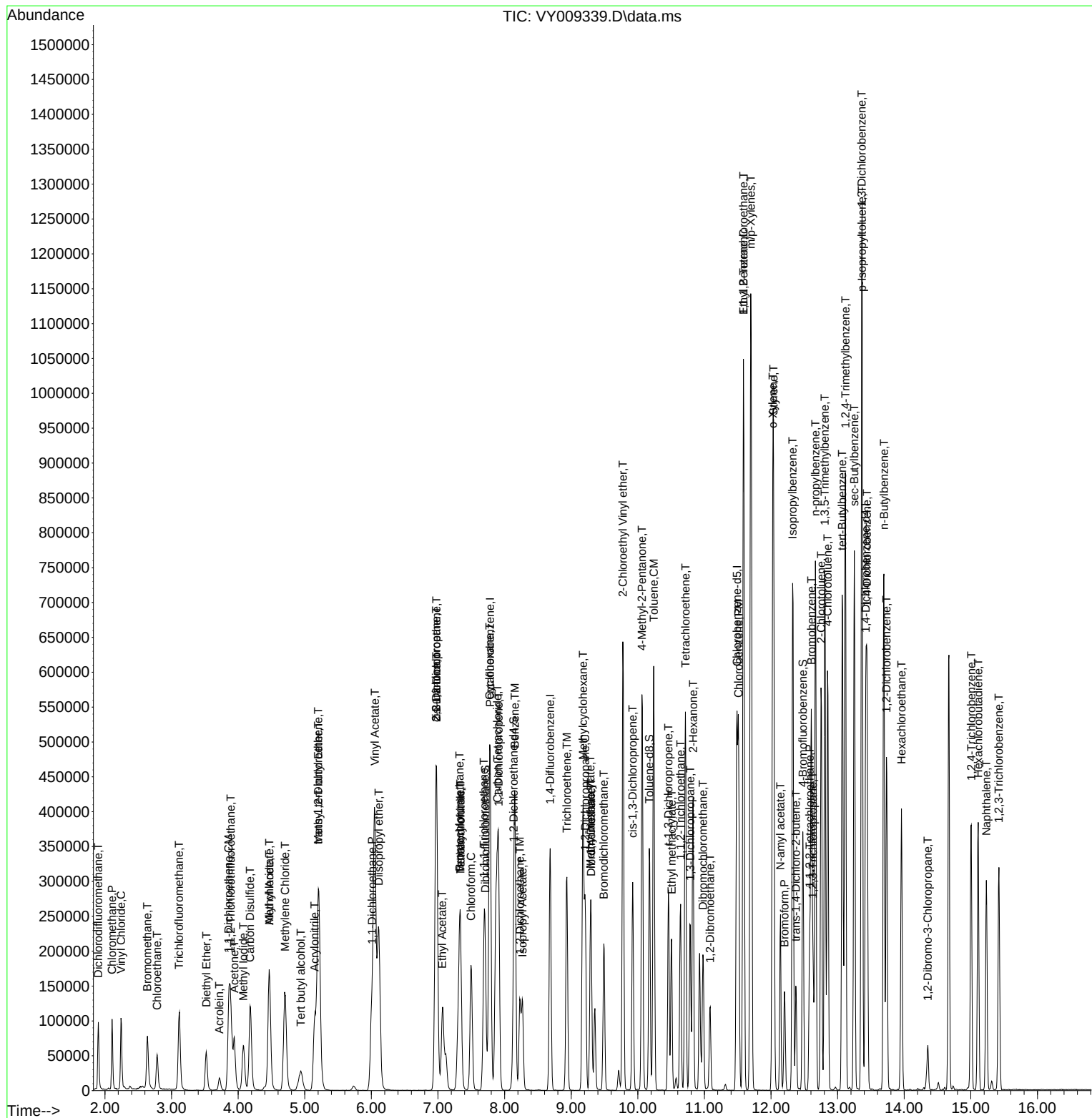
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

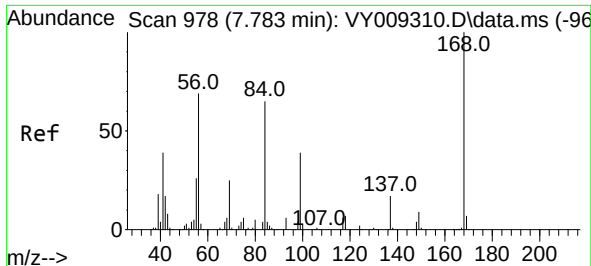
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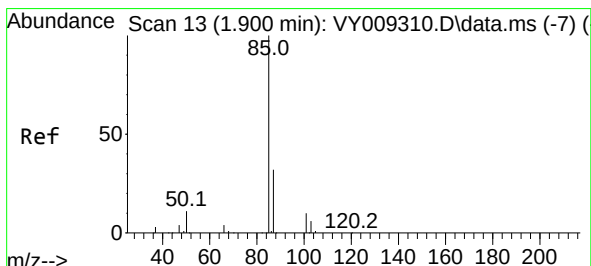
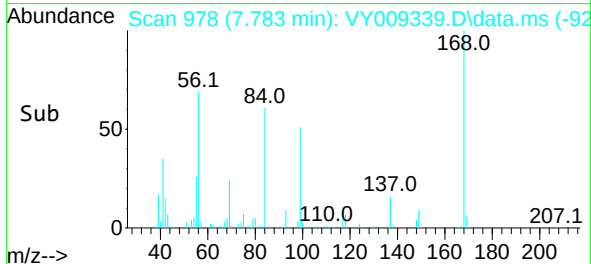
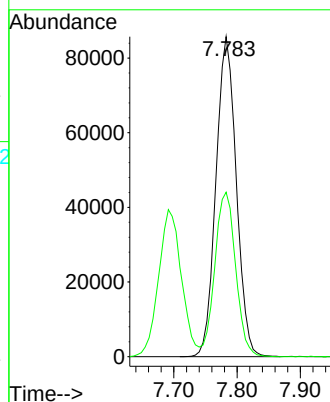
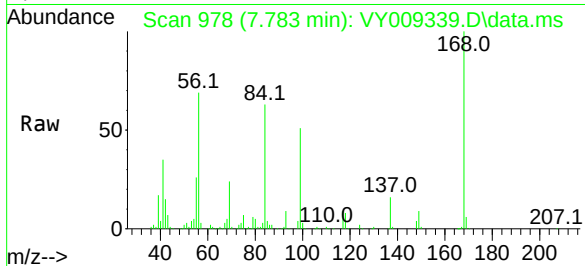




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

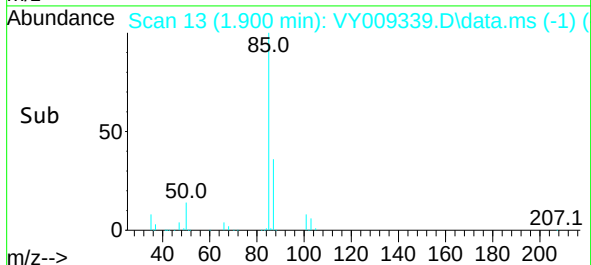
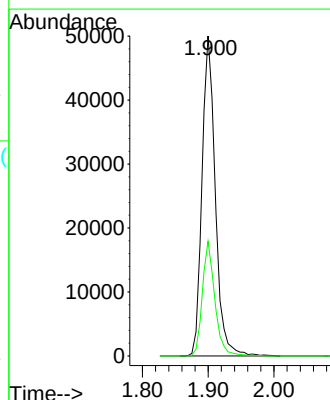
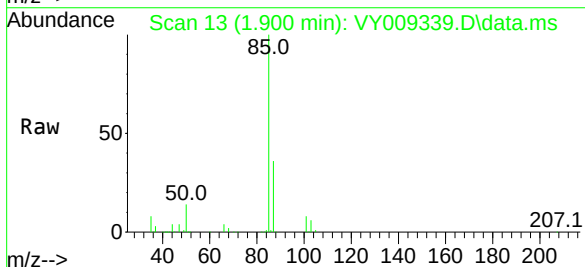
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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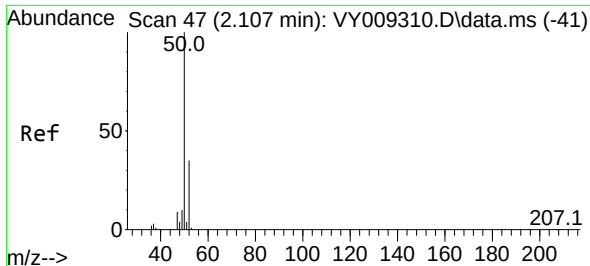
Tgt Ion:168 Resp: 190953  
Ion Ratio Lower Upper  
168 100  
99 51.4 42.1 63.1



#2  
Dichlorodifluoromethane  
Concen: 44.592 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 85 Resp: 70285  
Ion Ratio Lower Upper  
85 100  
87 35.9 16.2 48.5

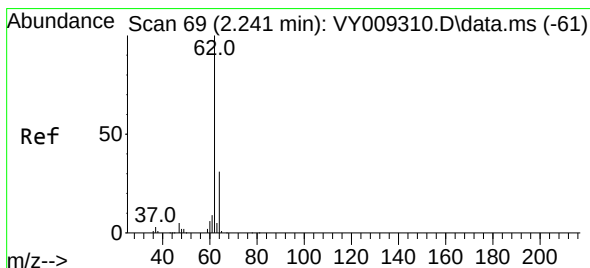
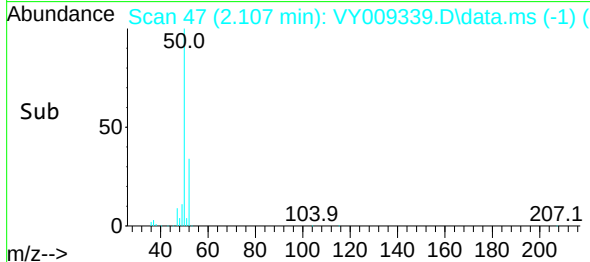
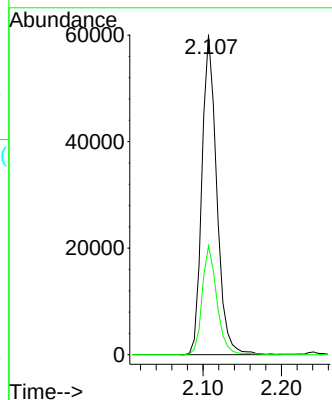
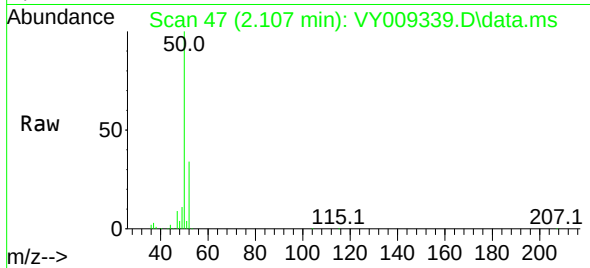




#3  
Chloromethane  
Concen: 42.661 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

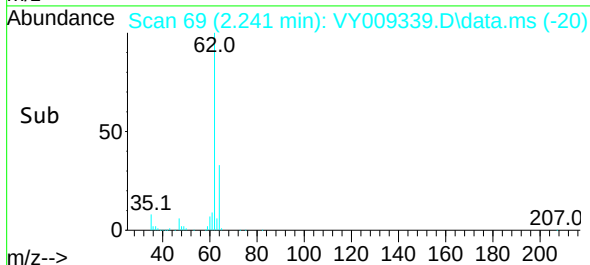
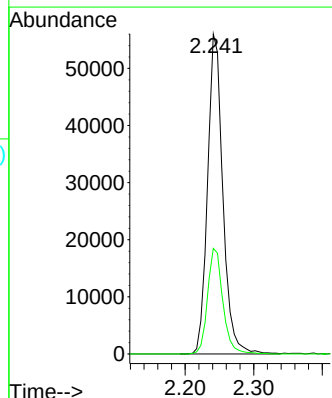
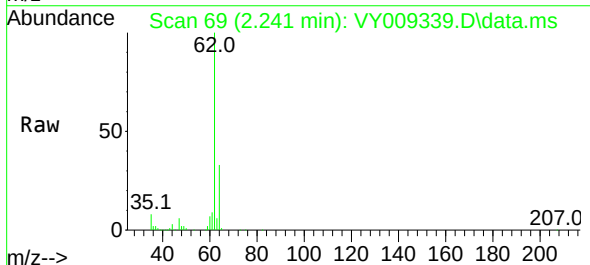
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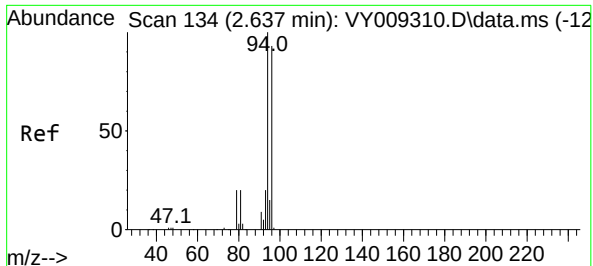
Tgt Ion: 50 Resp: 79004  
Ion Ratio Lower Upper  
50 100  
52 34.0 27.9 41.9



#4  
Vinyl Chloride  
Concen: 43.632 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 62 Resp: 86918  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.0 37.4

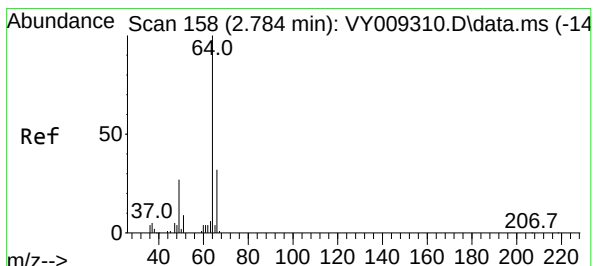
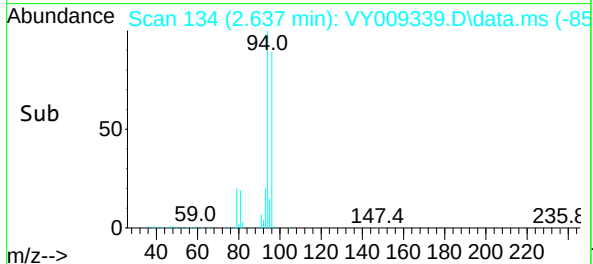
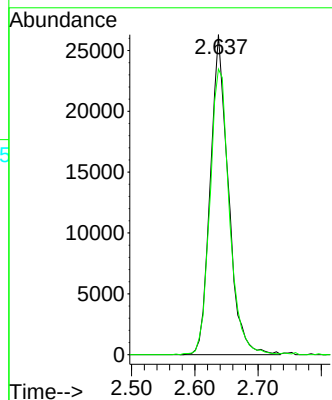
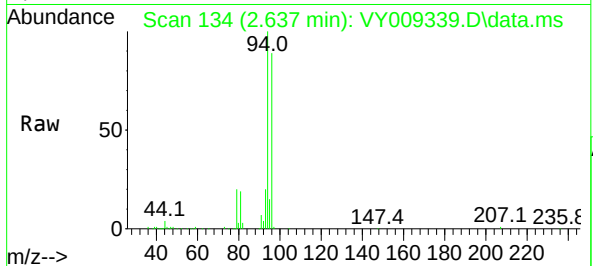




#5  
Bromomethane  
Concen: 40.715 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
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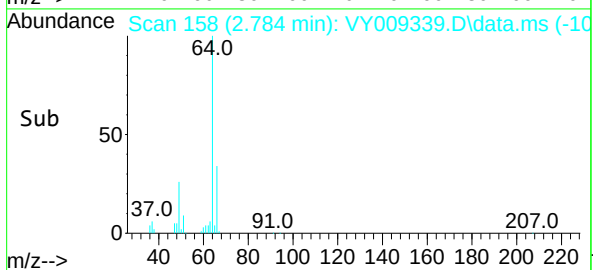
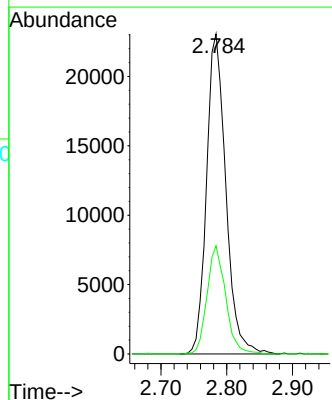
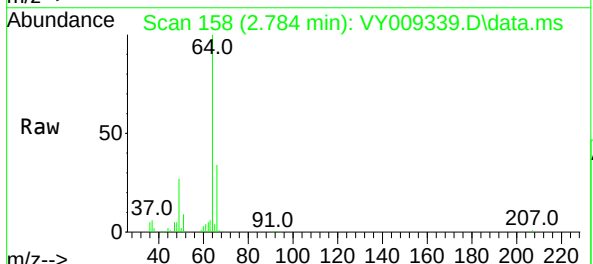
Instrument :  
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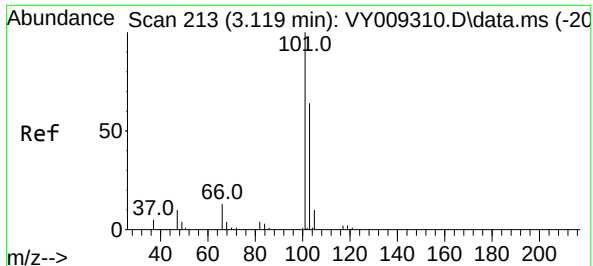
Tgt Ion: 94 Resp: 52280  
Ion Ratio Lower Upper  
94 100  
96 89.4 74.6 111.8



#6  
Chloroethane  
Concen: 46.613 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 64 Resp: 47009  
Ion Ratio Lower Upper  
64 100  
66 33.8 25.8 38.8

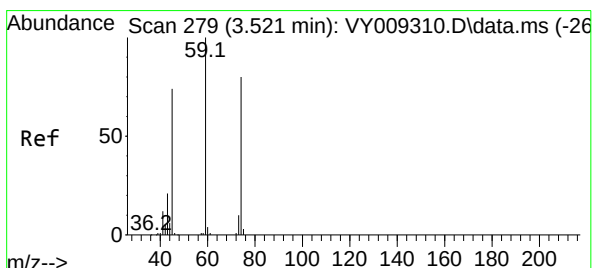
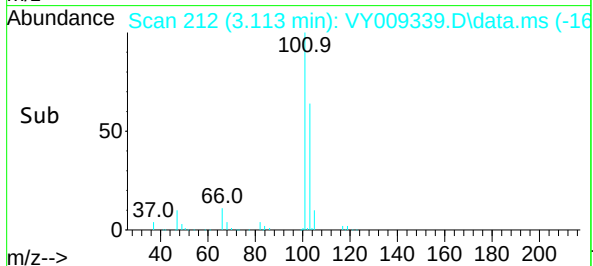
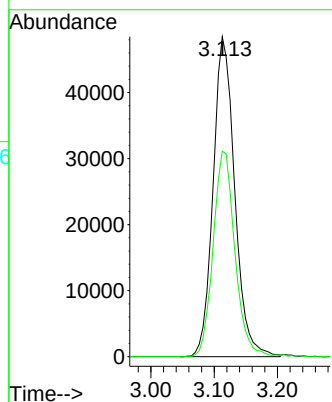
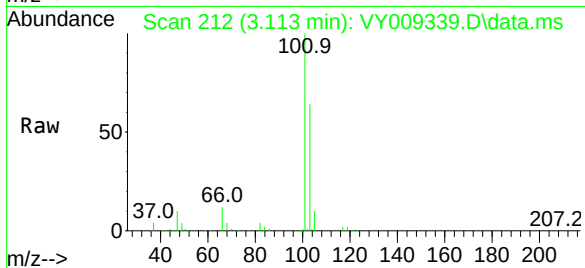




#7  
Trichlorofluoromethane  
Concen: 45.256 ug/l  
RT: 3.113 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

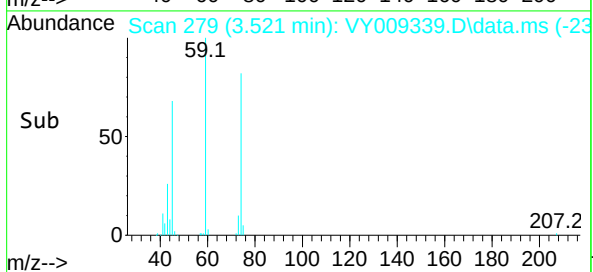
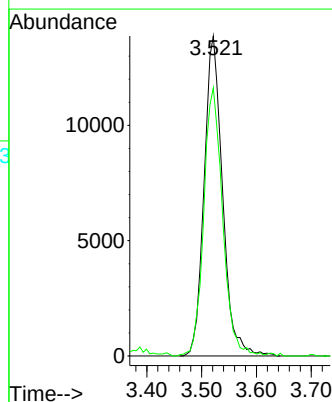
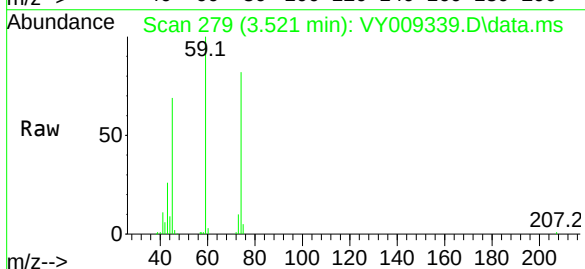
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 114713  
Ion Ratio Lower Upper  
101 100  
103 64.2 51.4 77.2

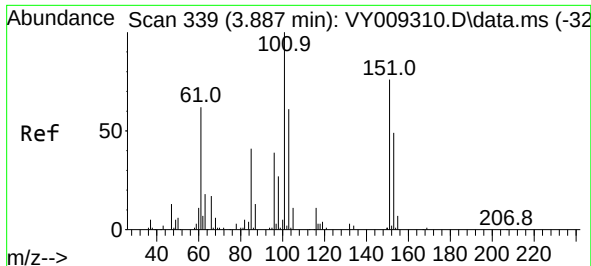


#8  
Diethyl Ether  
Concen: 32.861 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 74 Resp: 32345  
Ion Ratio Lower Upper  
74 100  
45 85.9 49.1 147.4



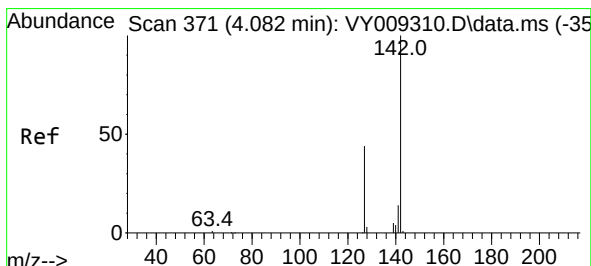
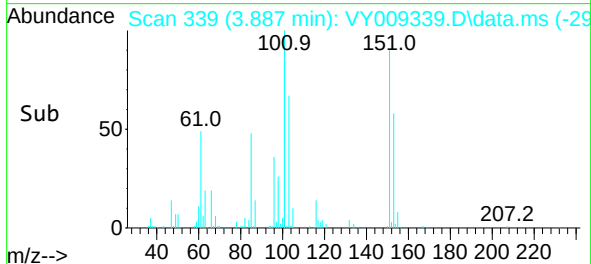
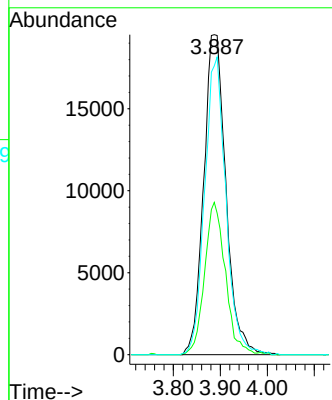
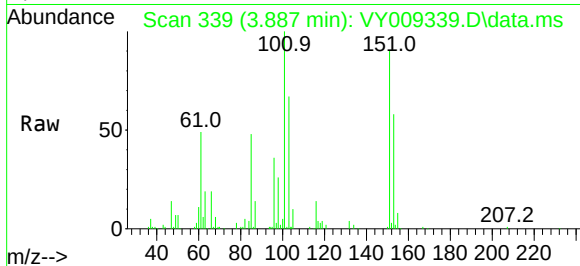




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 35.471 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

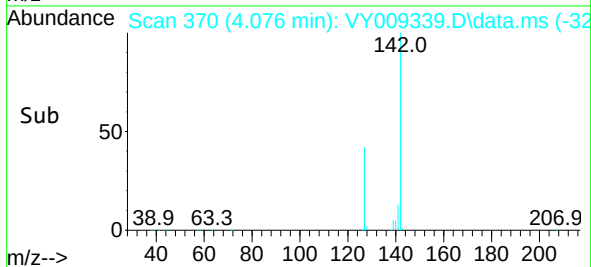
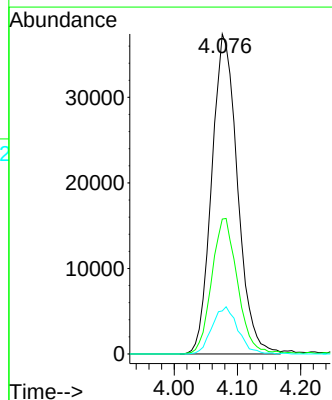
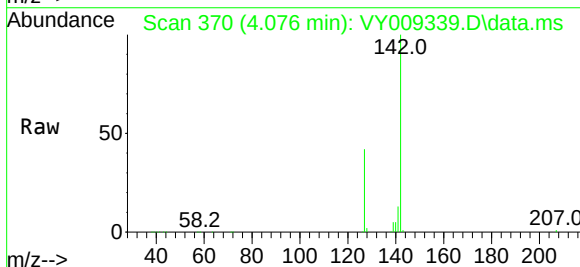
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

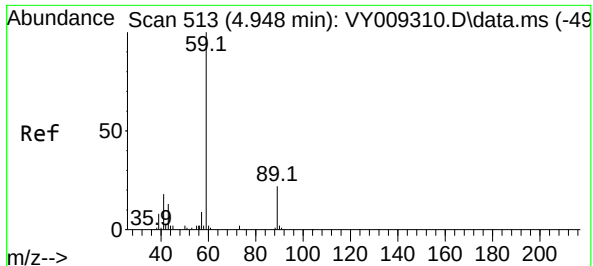
Tgt Ion:101 Resp: 64275  
Ion Ratio Lower Upper  
101 100  
85 44.3 36.2 54.2  
151 88.5 63.6 95.4



#10  
Methyl Iodide  
Concen: 44.016 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion:142 Resp: 105908  
Ion Ratio Lower Upper  
142 100  
127 42.7 35.2 52.8  
141 14.7 11.4 17.2

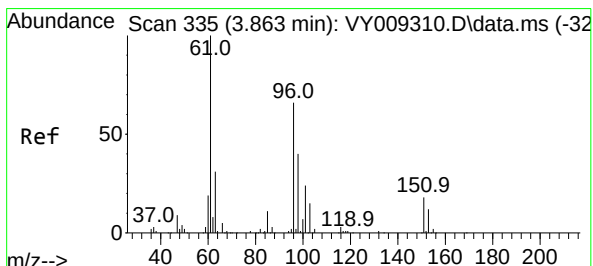
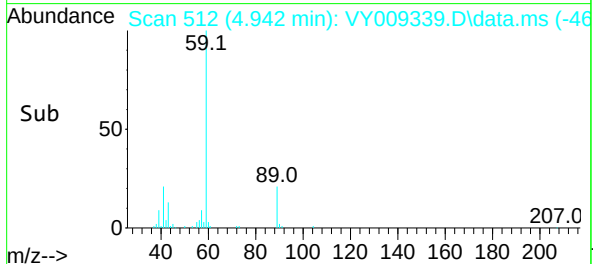
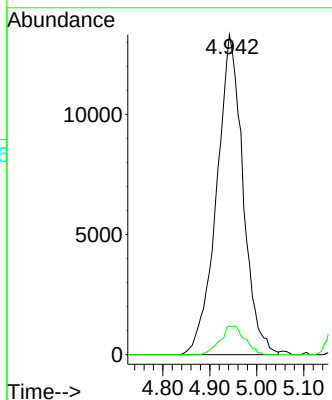
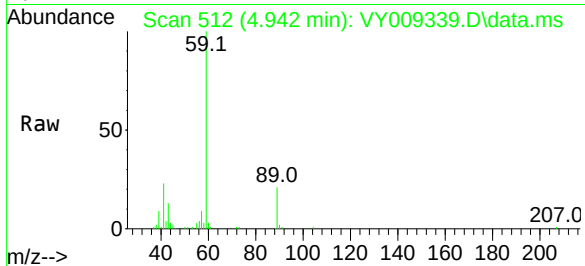




#11  
Tert butyl alcohol  
Concen: 190.568 ug/l  
RT: 4.942 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

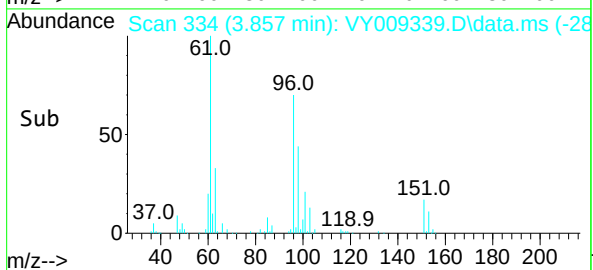
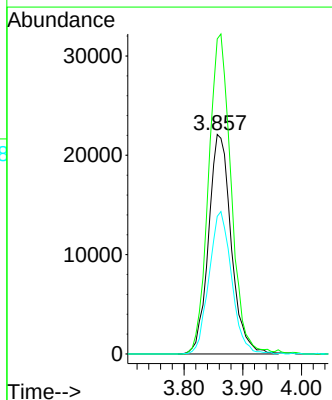
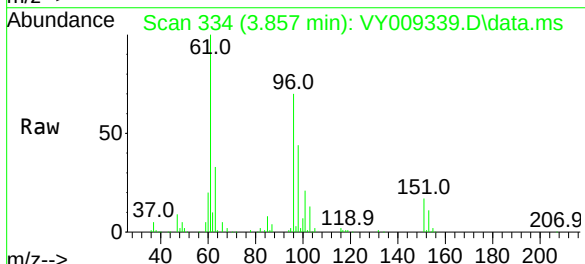
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

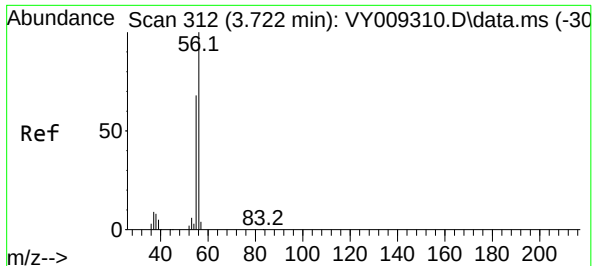
Tgt Ion: 59 Resp: 51964  
Ion Ratio Lower Upper  
59 100  
57 8.3 6.3 9.5



#12  
1,1-Dichloroethene  
Concen: 33.260 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 96 Resp: 59241  
Ion Ratio Lower Upper  
96 100  
61 143.5 121.9 182.9  
98 62.7 48.2 72.4





#13

Acrolein

Concen: 115.792 ug/l

RT: 3.716 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

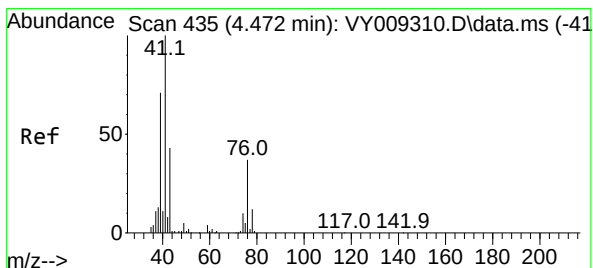
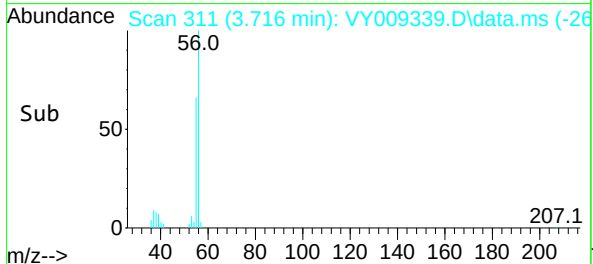
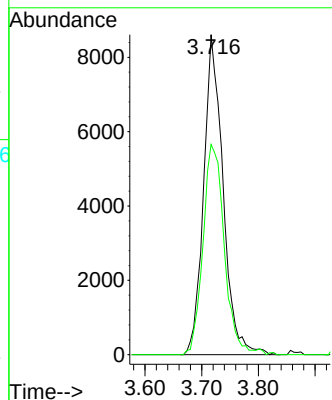
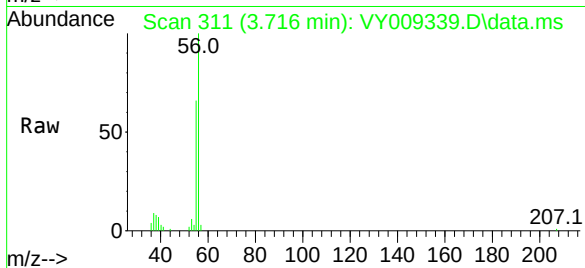
VSTDCCC050

Tgt Ion: 56 Resp: 20469

Ion Ratio Lower Upper

56 100

55 71.8 54.8 82.2



#14

Allyl chloride

Concen: 47.731 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

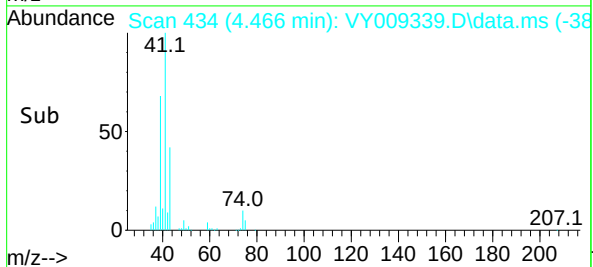
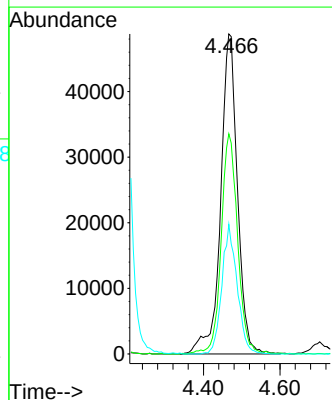
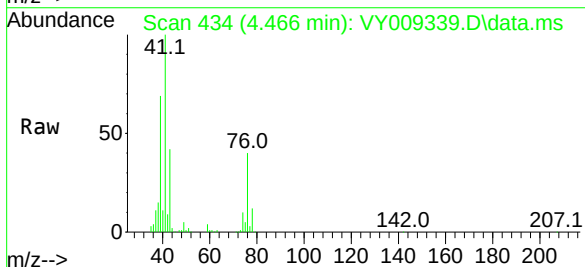
Tgt Ion: 41 Resp: 149235

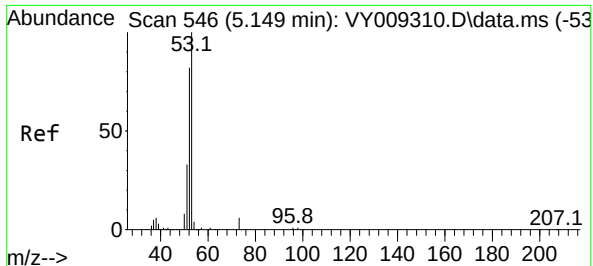
Ion Ratio Lower Upper

41 100

39 66.9 53.5 80.3

76 36.6 29.4 44.0

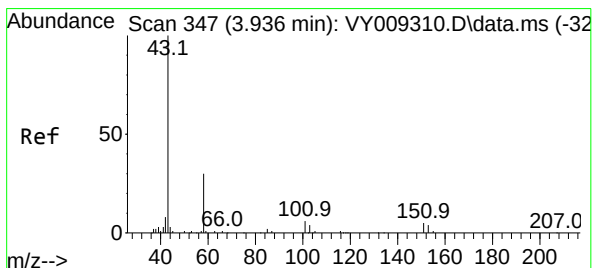
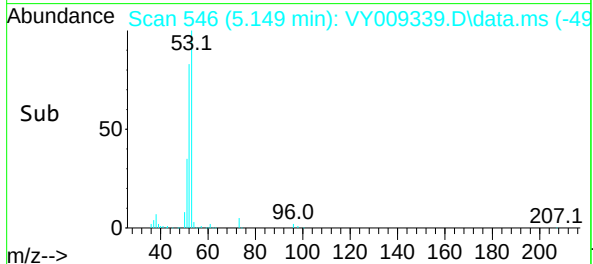
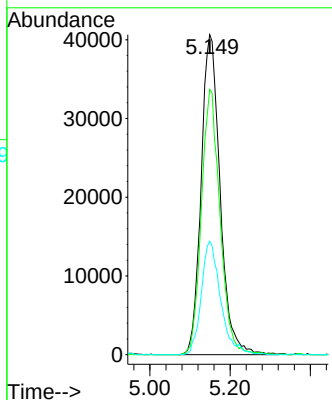
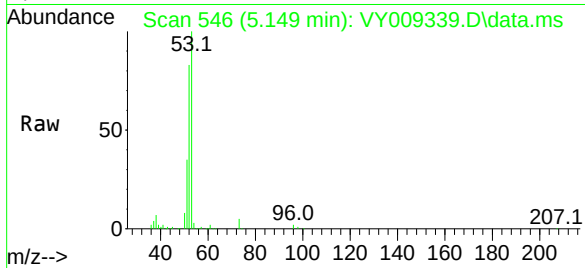




#15  
Acrylonitrile  
Concen: 246.292 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

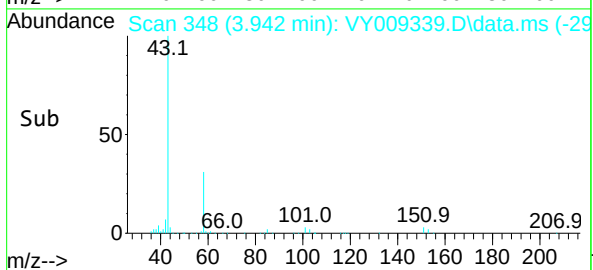
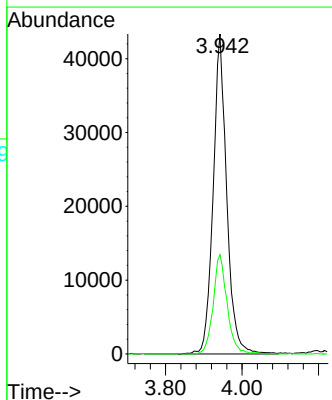
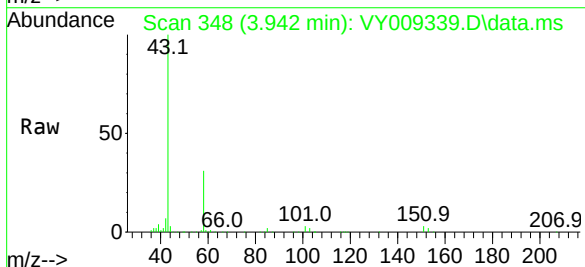
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

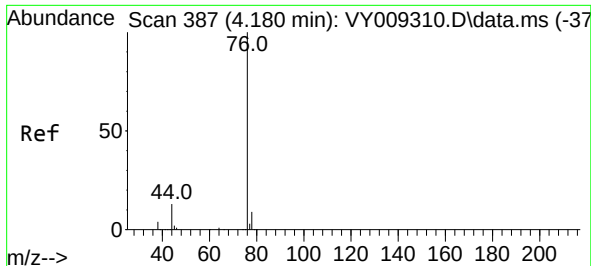
Tgt Ion: 53 Resp: 133526  
Ion Ratio Lower Upper  
53 100  
52 81.1 65.4 98.2  
51 36.2 28.4 42.6



#16  
Acetone  
Concen: 218.116 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 43 Resp: 106481  
Ion Ratio Lower Upper  
43 100  
58 31.0 24.0 36.0

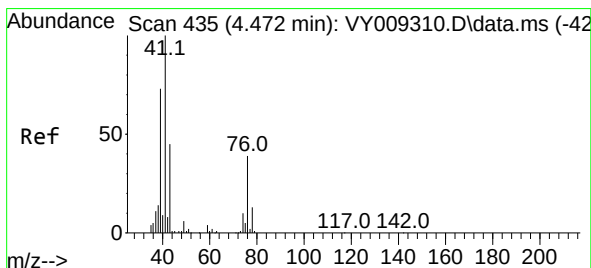
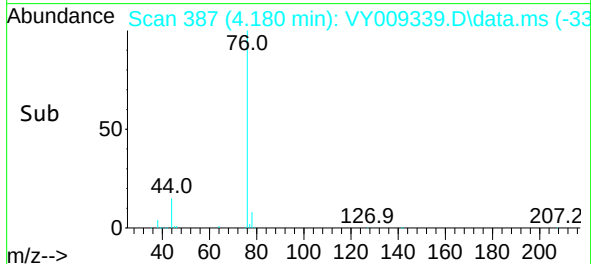
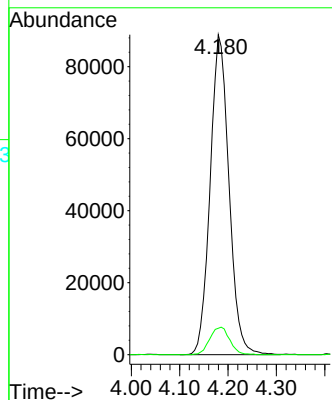
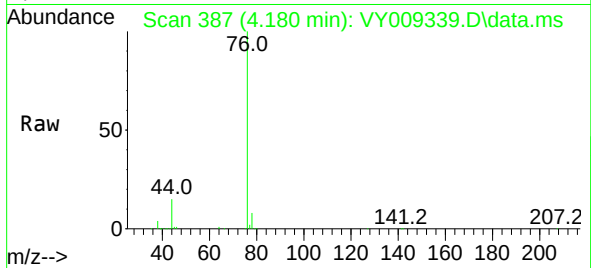




#17  
Carbon Disulfide  
Concen: 41.401 ug/l  
RT: 4.180 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

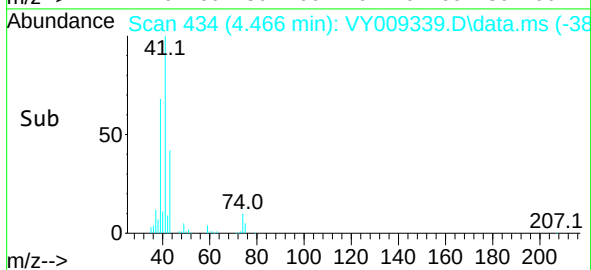
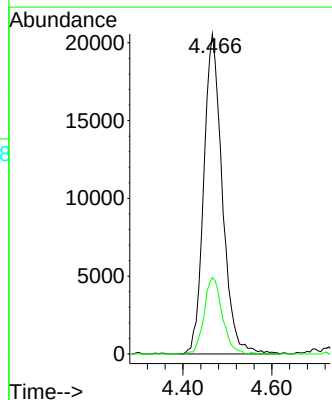
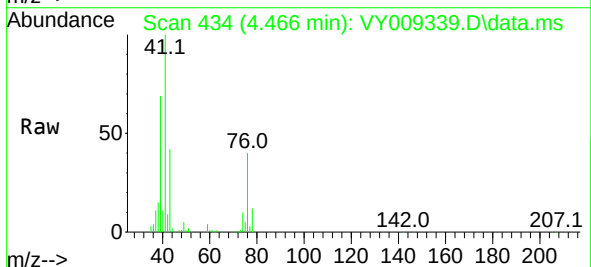
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

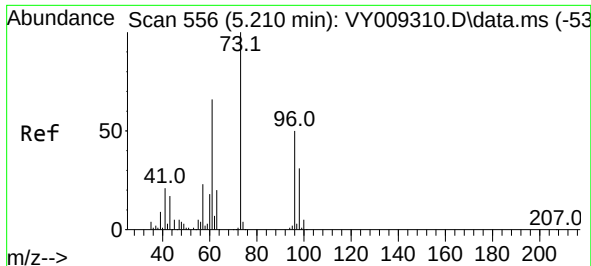
Tgt Ion: 76 Resp: 240073  
Ion Ratio Lower Upper  
76 100  
78 8.2 6.8 10.2



#18  
Methyl Acetate  
Concen: 43.929 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 43 Resp: 59707  
Ion Ratio Lower Upper  
43 100  
74 23.3 18.8 28.2

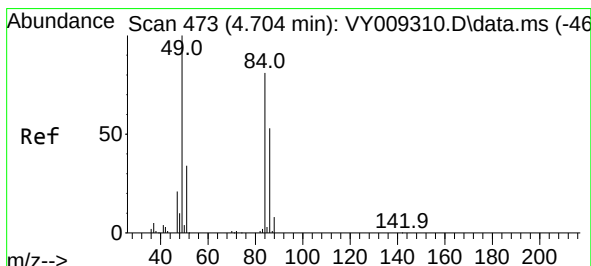
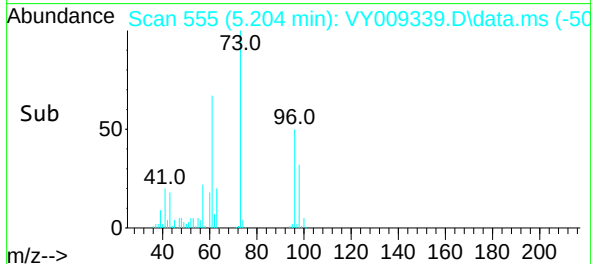
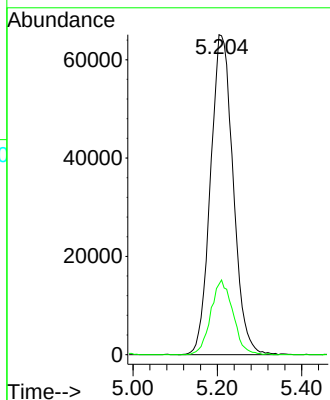
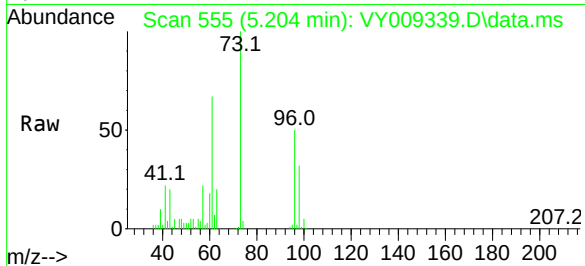




#19  
Methyl tert-butyl Ether  
Concen: 48.408 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

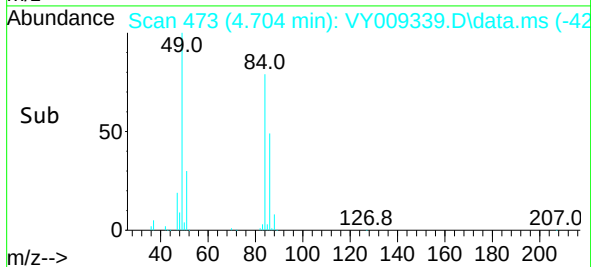
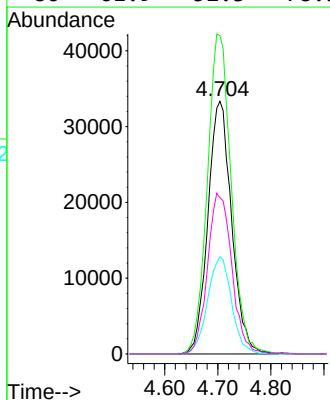
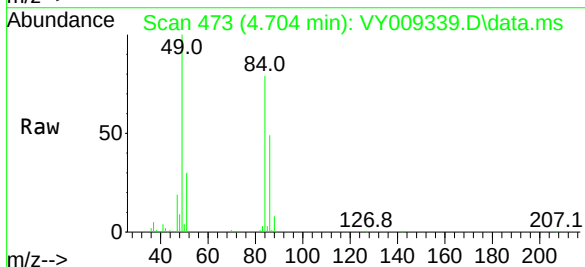
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

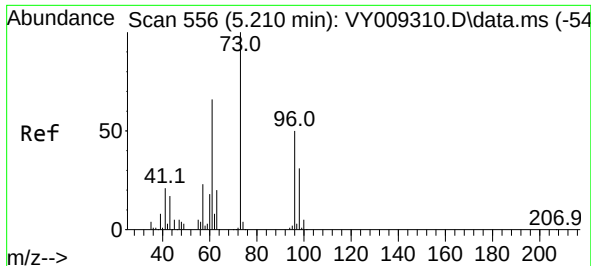
Tgt Ion: 73 Resp: 242220  
Ion Ratio Lower Upper  
73 100  
57 22.0 18.5 27.7



#20  
Methylene Chloride  
Concen: 49.285 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 84 Resp: 103587  
Ion Ratio Lower Upper  
84 100  
49 125.7 98.2 147.4  
51 38.4 33.4 50.0  
86 61.9 52.3 78.5

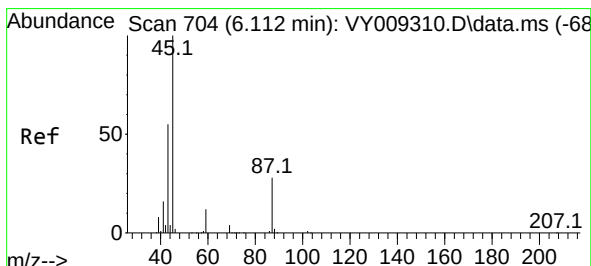
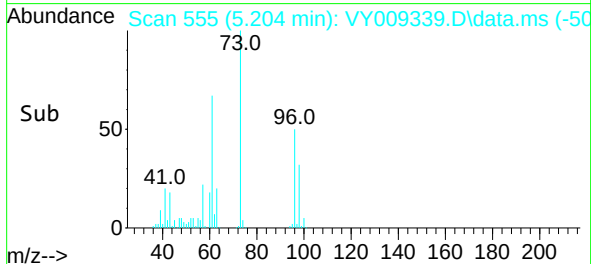
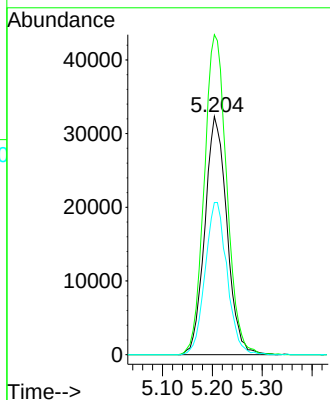
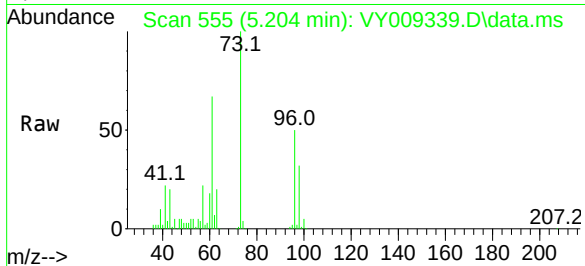




#21  
trans-1,2-Dichloroethene  
Concen: 47.363 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

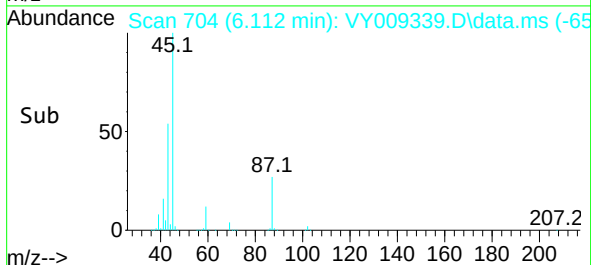
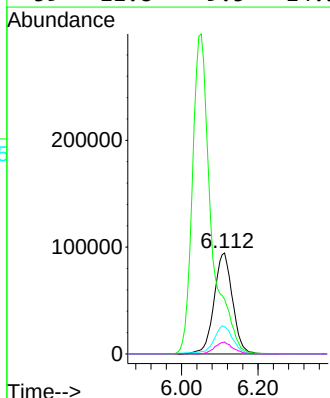
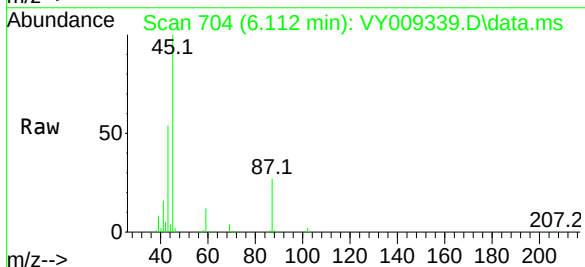
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

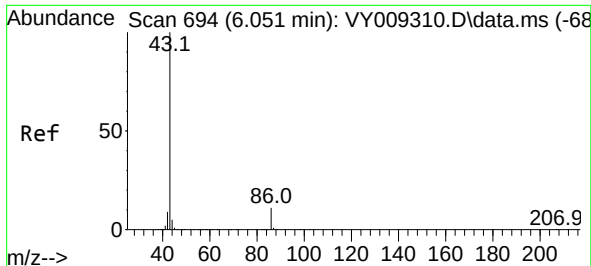
Tgt Ion: 96 Resp: 99525  
Ion Ratio Lower Upper  
96 100  
61 134.4 105.8 158.6  
98 63.9 49.7 74.5



#22  
Diisopropyl ether  
Concen: 51.194 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 45 Resp: 317091  
Ion Ratio Lower Upper  
45 100  
43 53.8 43.7 65.5  
87 27.0 22.2 33.4  
59 11.8 9.5 14.3

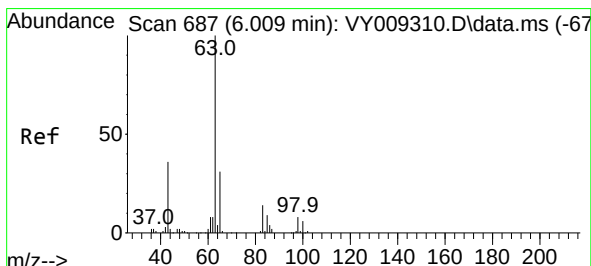
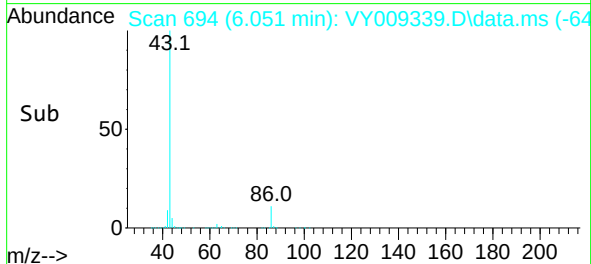
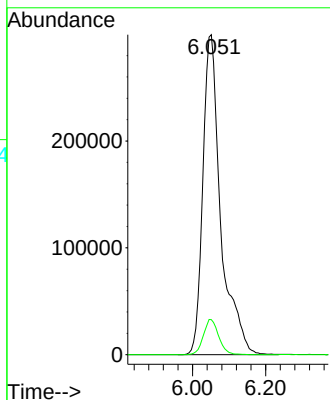
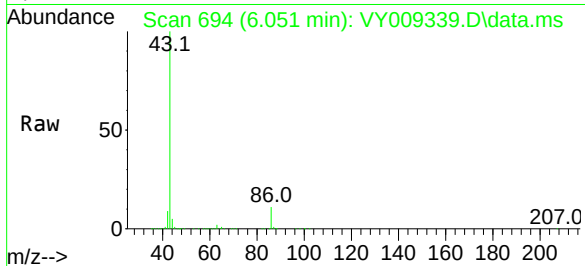




#23  
 Vinyl Acetate  
 Concen: 255.374 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY009339.D  
 Acq: 27 Jun 2022 11:38

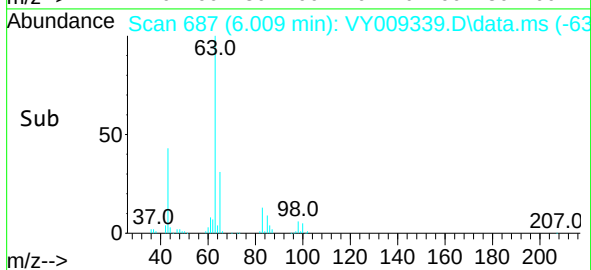
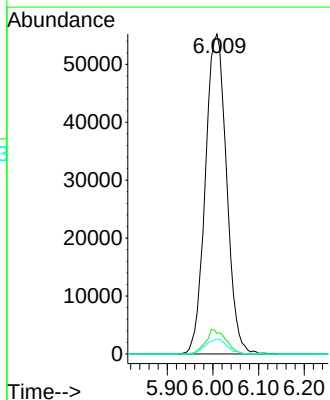
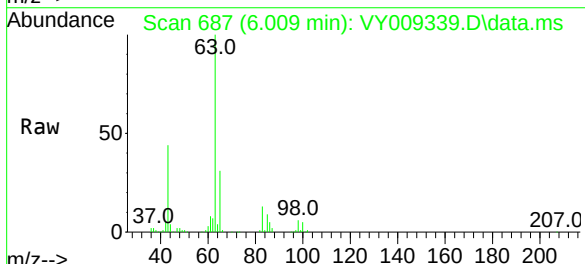
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1017928  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 9.0 13.6

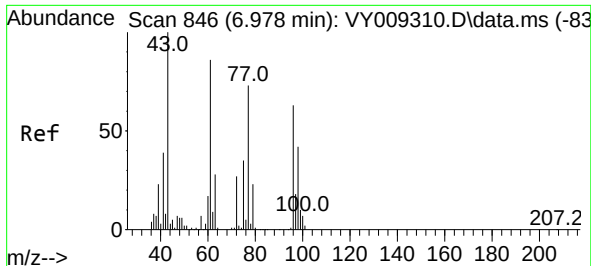


#24  
 1,1-Dichloroethane  
 Concen: 49.760 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. 0.000 min  
 Lab File: VY009339.D  
 Acq: 27 Jun 2022 11:38

Tgt Ion: 63 Resp: 177789  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.9 11.7  
 100 4.7 2.8 8.3



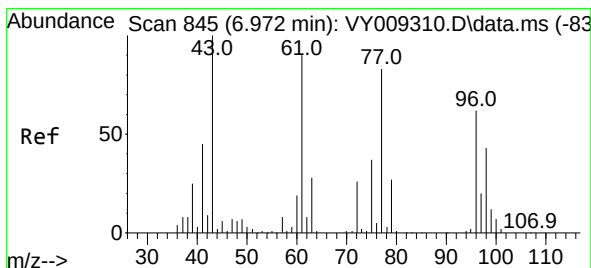
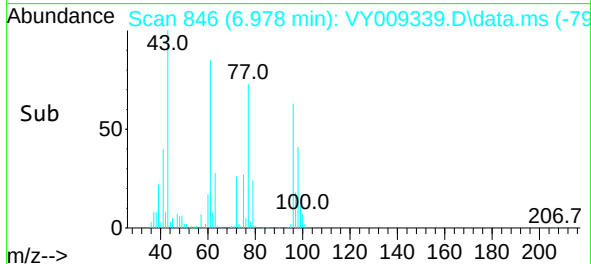
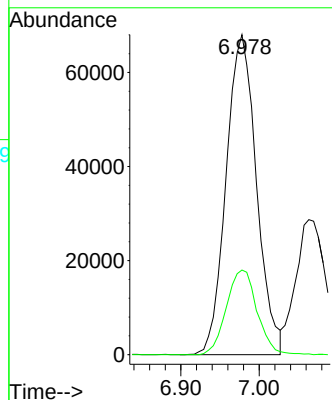
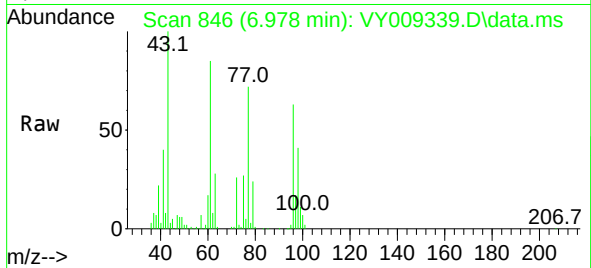




#25  
2-Butanone  
Concen: 249.939 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

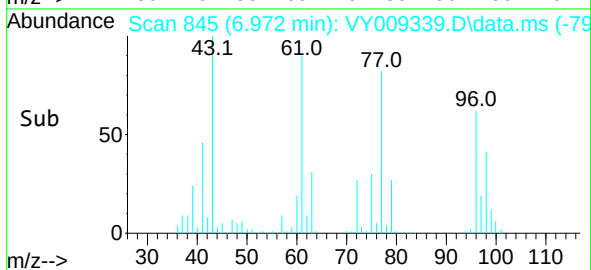
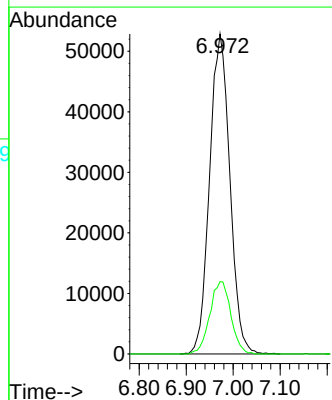
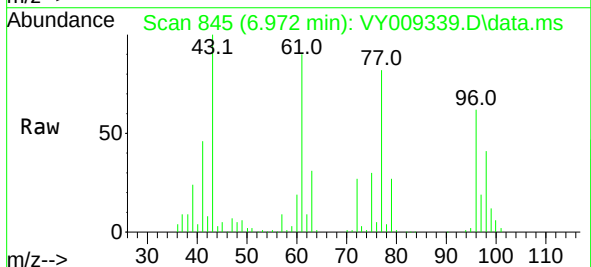
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

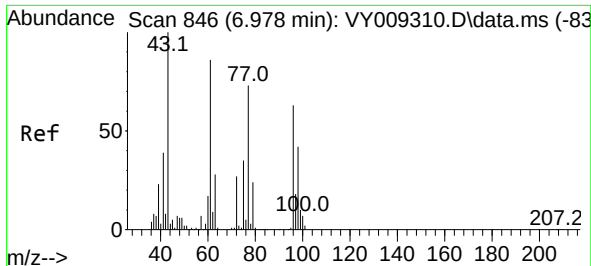
Tgt Ion: 43 Resp: 183489  
Ion Ratio Lower Upper  
43 100  
72 26.4 21.5 32.3



#26  
2,2-Dichloropropane  
Concen: 47.839 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 77 Resp: 158531  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.518 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

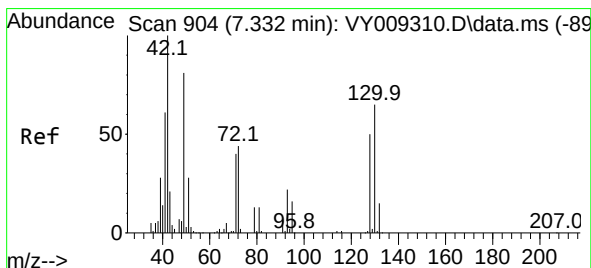
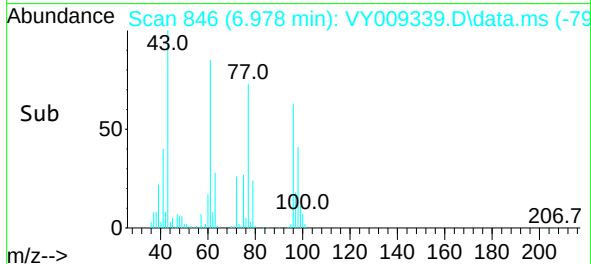
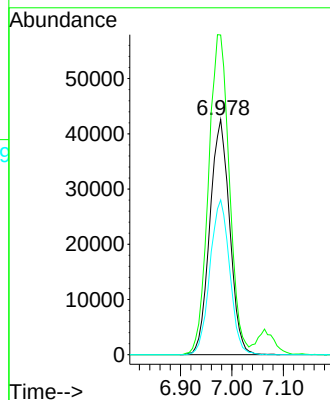
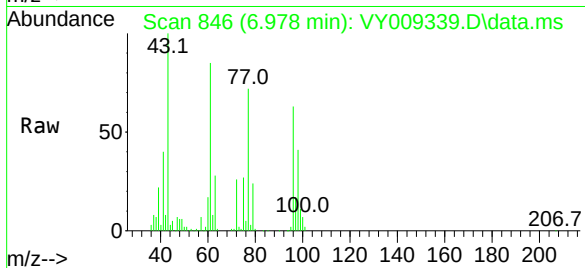
Tgt Ion: 96 Resp: 114048

Ion Ratio Lower Upper

96 100

61 142.8 0.0 285.6

98 65.5 0.0 131.0



#28

Bromochloromethane

Concen: 50.798 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

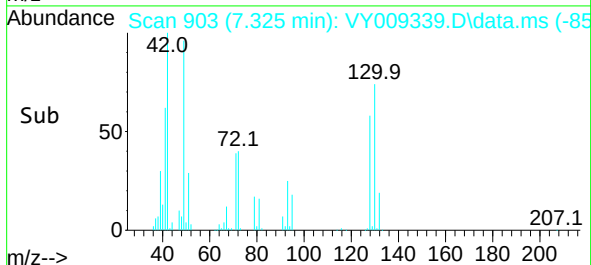
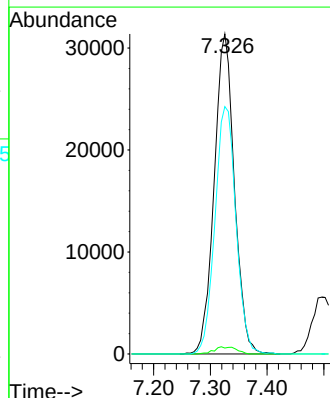
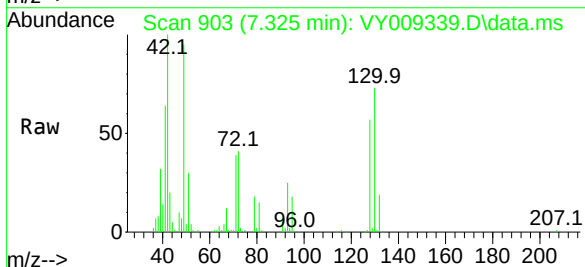
Tgt Ion: 49 Resp: 77640

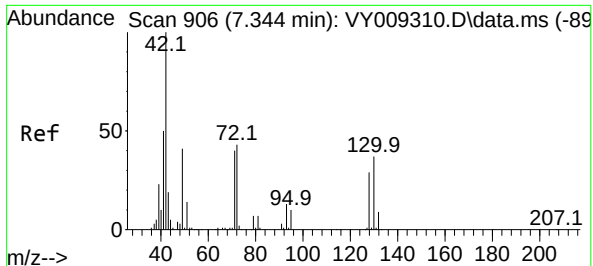
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 80.5 64.1 96.1





#29

Tetrahydrofuran

Concen: 251.002 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

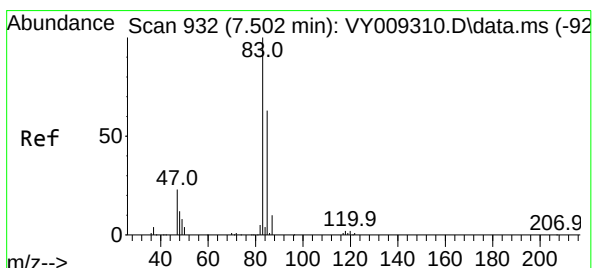
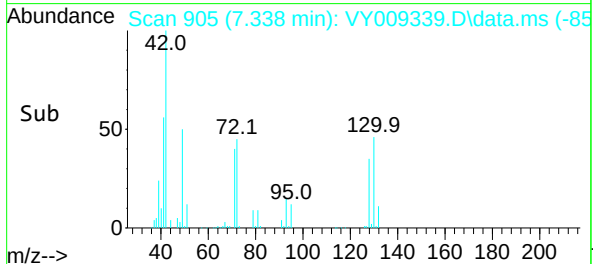
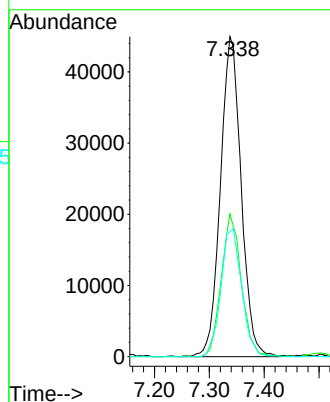
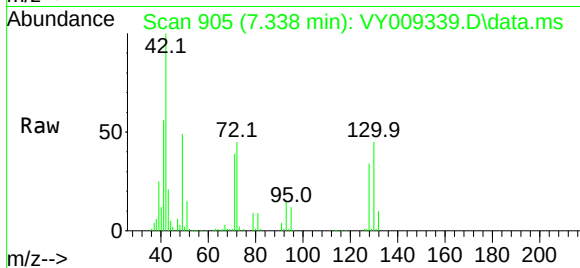
Tgt Ion: 42 Resp: 118262

Ion Ratio Lower Upper

42 100

72 43.1 34.6 52.0

71 40.1 32.7 49.1



#30

Chloroform

Concen: 49.090 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009339.D

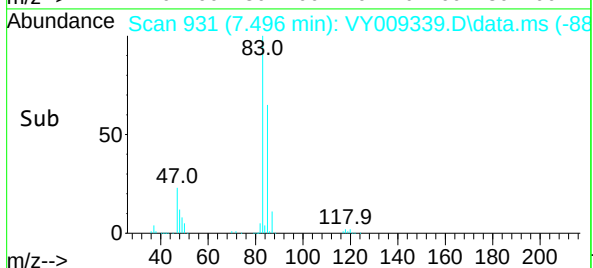
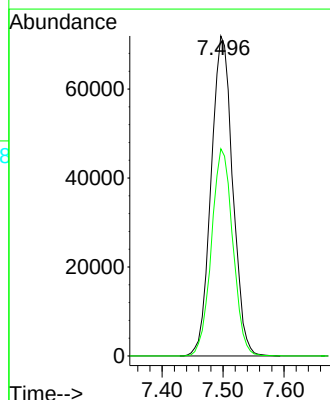
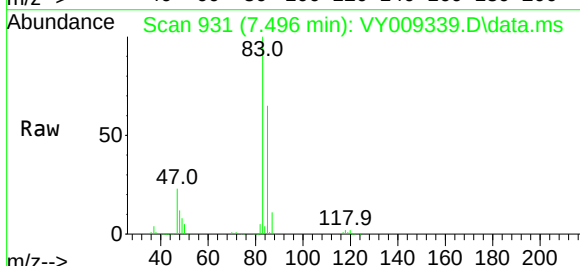
Acq: 27 Jun 2022 11:38

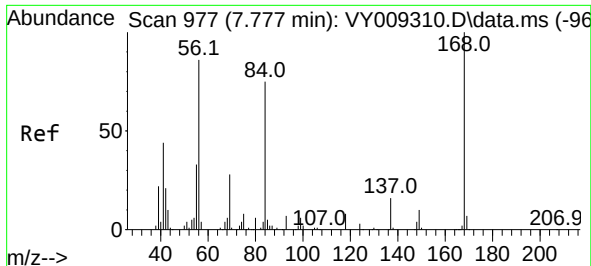
Tgt Ion: 83 Resp: 176950

Ion Ratio Lower Upper

83 100

85 64.7 50.5 75.7

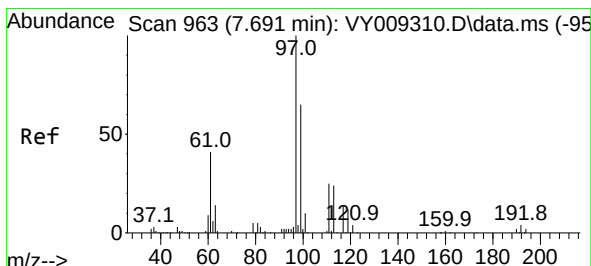
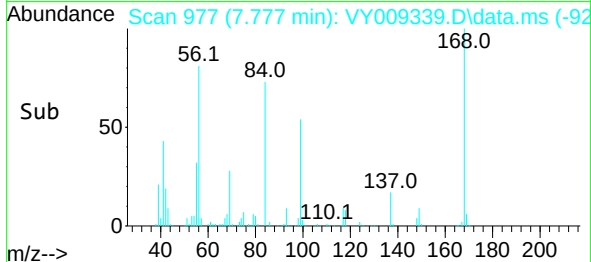
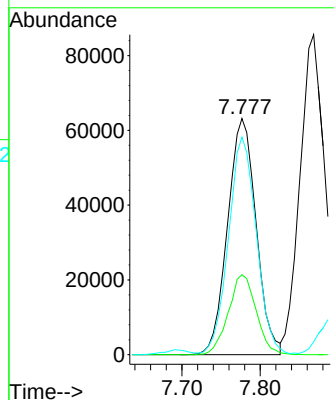
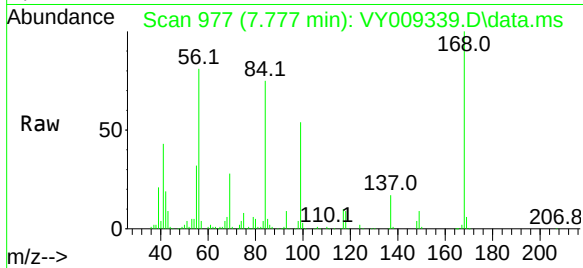




#31  
Cyclohexane  
Concen: 46.322 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

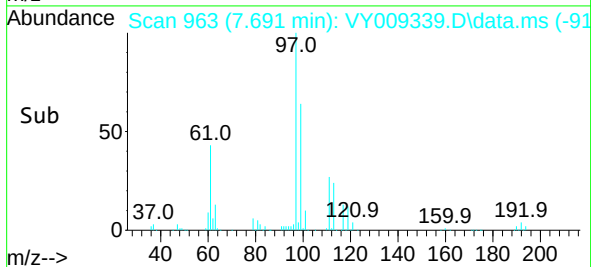
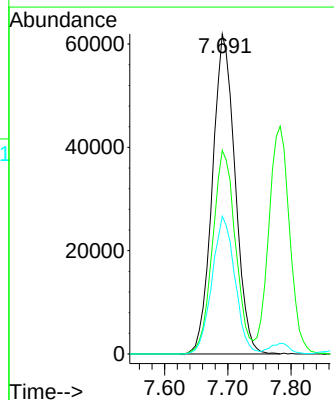
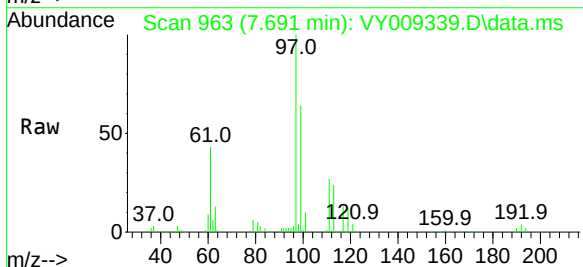
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

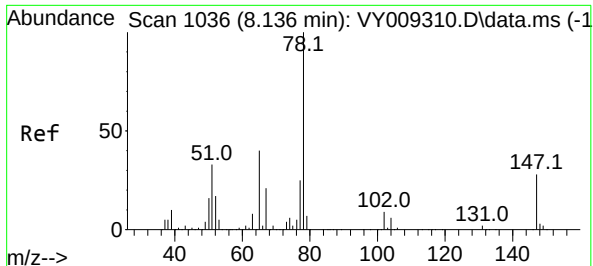
Tgt Ion: 56 Resp: 159949  
Ion Ratio Lower Upper  
56 100  
69 33.9 26.0 39.0  
84 90.2 69.5 104.3



#32  
1,1,1-Trichloroethane  
Concen: 48.556 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 97 Resp: 154554  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.8 77.8  
61 43.3 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 43.906 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

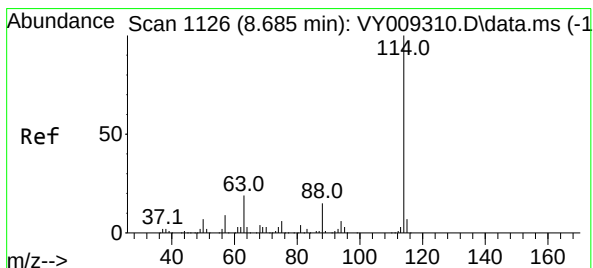
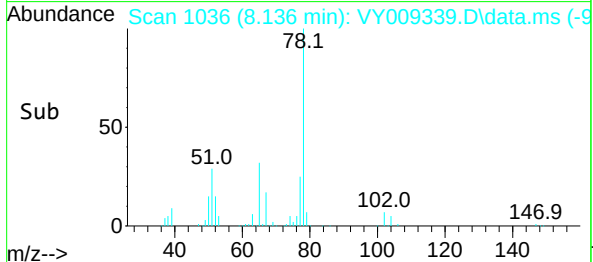
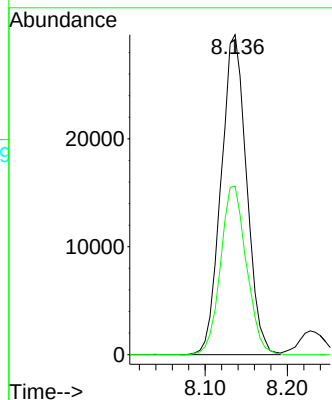
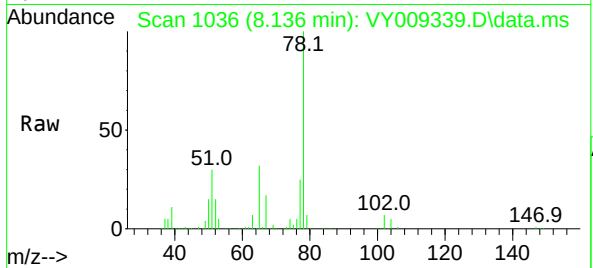
VSTDCCC050

Tgt Ion: 65 Resp: 63953

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

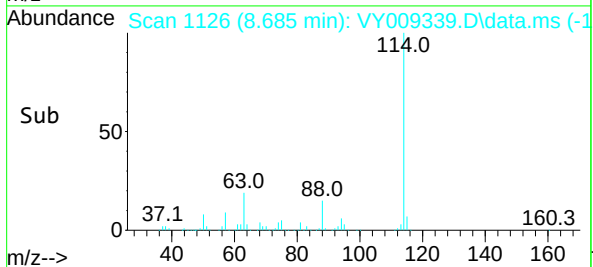
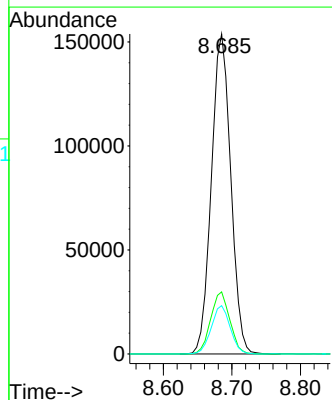
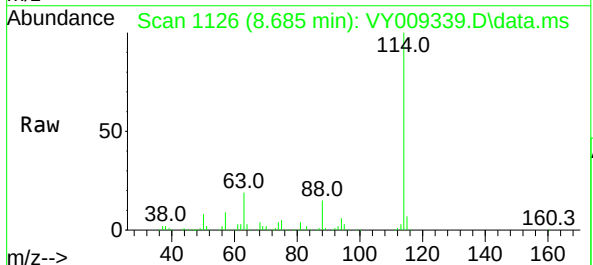
Tgt Ion: 114 Resp: 302324

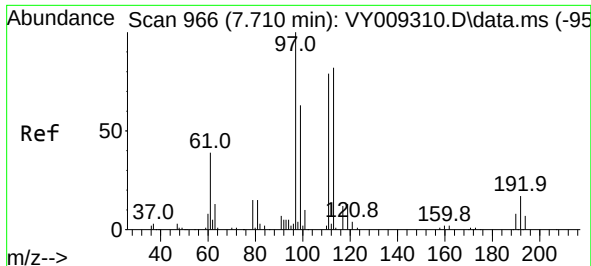
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 15.1 0.0 30.0

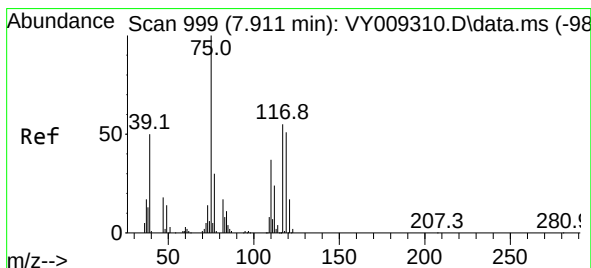
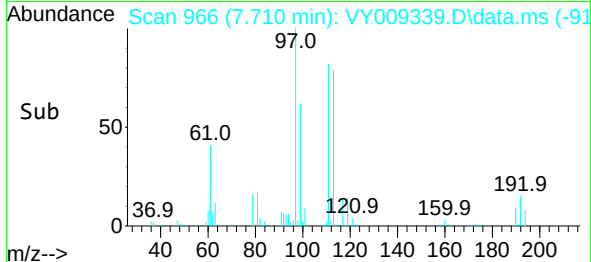
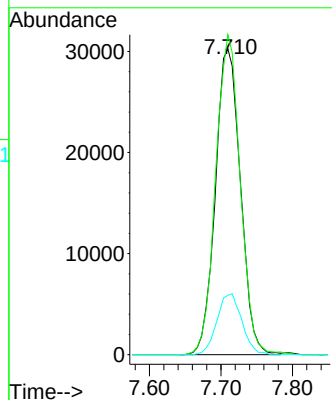
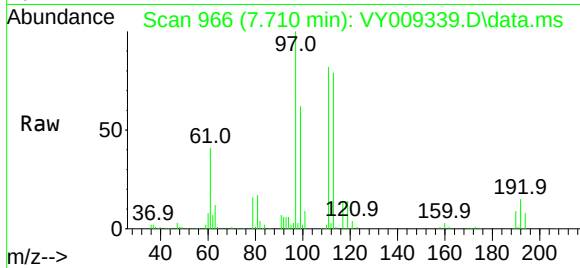




#35  
Dibromofluoromethane  
Concen: 45.213 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

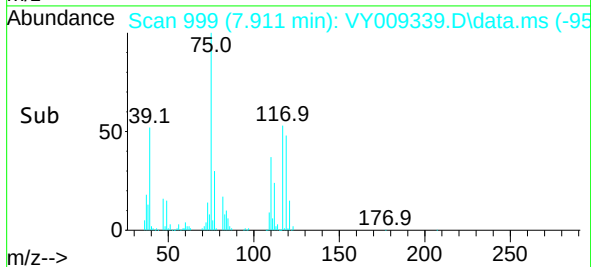
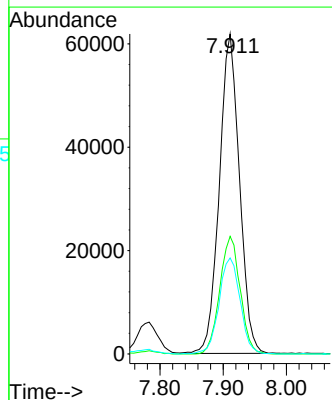
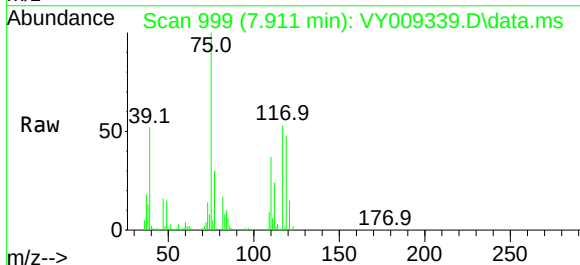
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

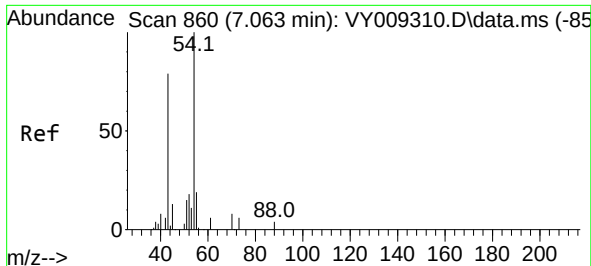
Tgt Ion:113 Resp: 73780  
Ion Ratio Lower Upper  
113 100  
111 102.4 80.6 120.8  
192 19.7 16.2 24.4



#36  
1,1-Dichloropropene  
Concen: 49.733 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 75 Resp: 136199  
Ion Ratio Lower Upper  
75 100  
110 37.3 18.6 56.0  
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 50.697 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

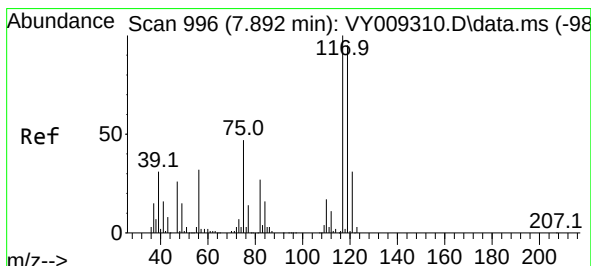
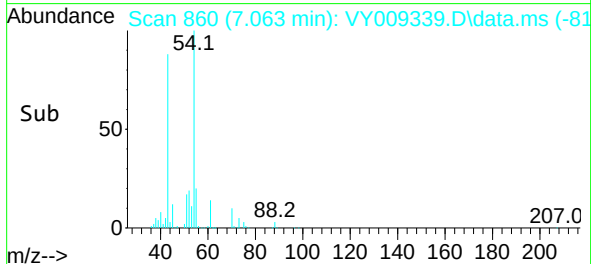
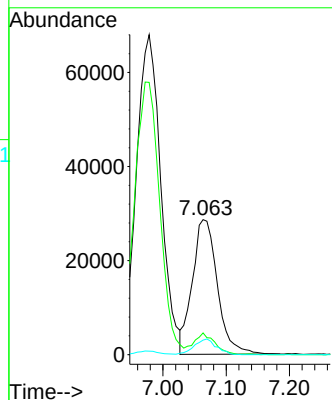
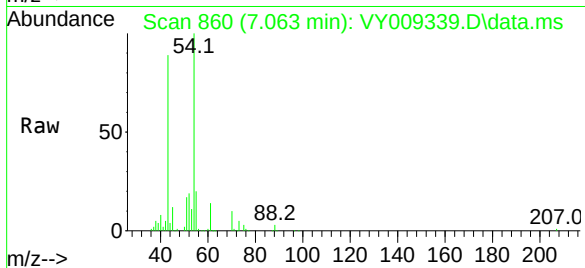
Tgt Ion: 43 Resp: 78854

Ion Ratio Lower Upper

43 100

61 13.0 11.2 16.8

70 10.3 8.4 12.6



#38

Carbon Tetrachloride

Concen: 50.754 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

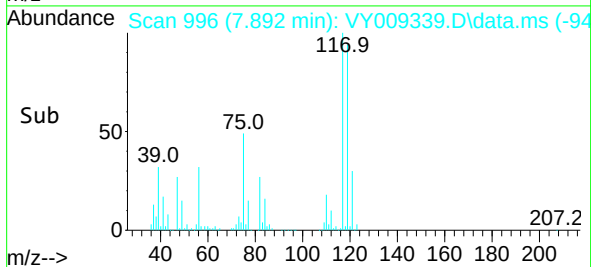
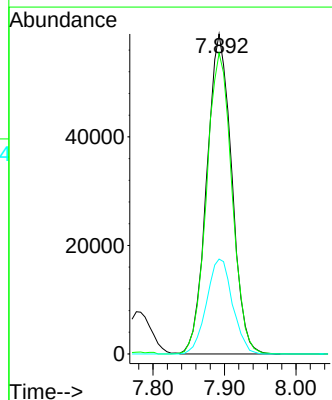
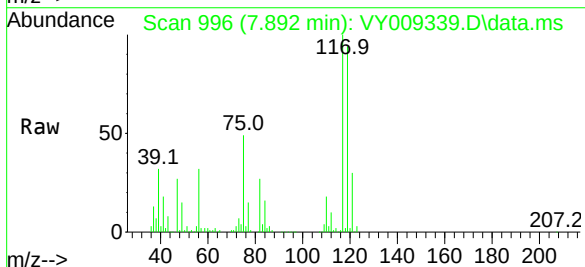
Tgt Ion: 117 Resp: 142927

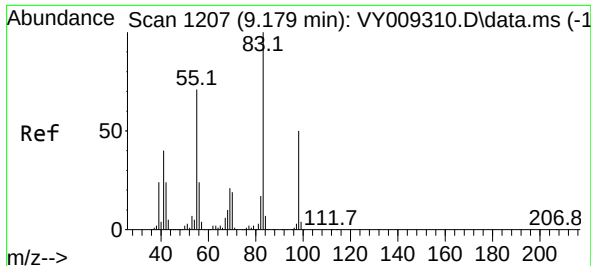
Ion Ratio Lower Upper

117 100

119 94.0 75.9 113.9

121 29.7 24.9 37.3





#39

Methylcyclohexane

Concen: 49.539 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

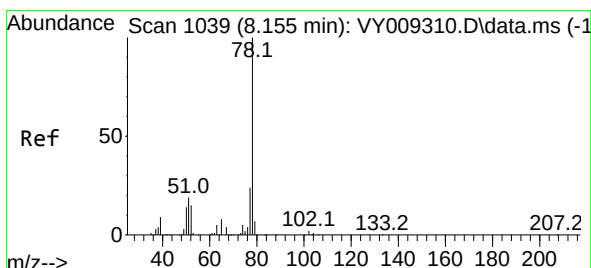
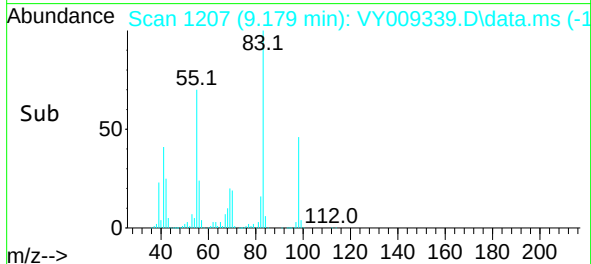
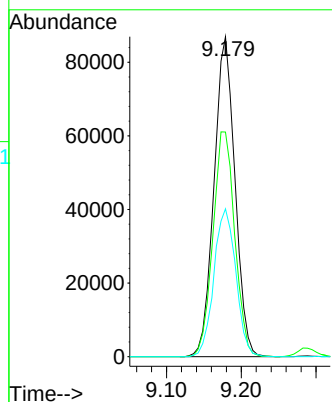
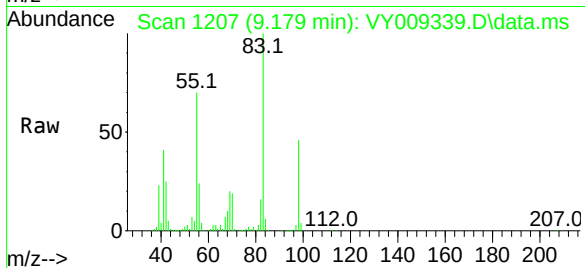
Tgt Ion: 83 Resp: 169048

Ion Ratio Lower Upper

83 100

55 70.2 56.7 85.1

98 46.2 39.9 59.9



#40

Benzene

Concen: 50.155 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009339.D

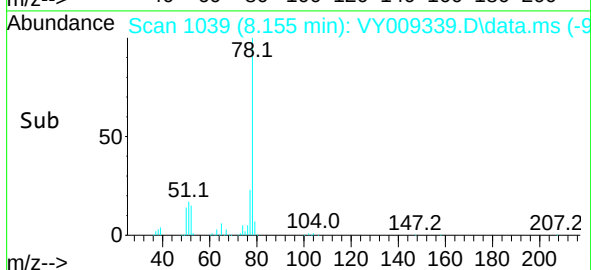
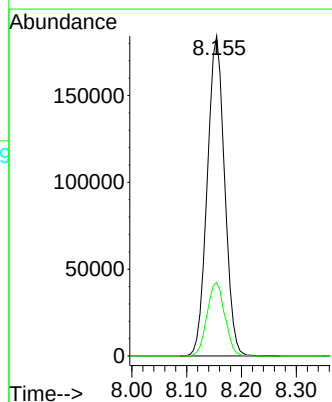
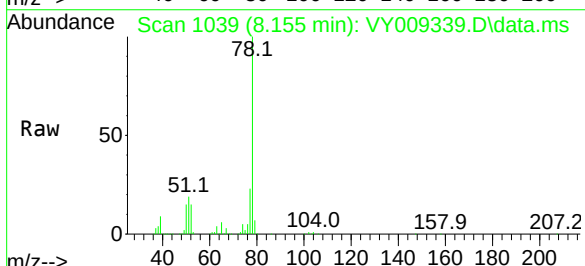
Acq: 27 Jun 2022 11:38

Tgt Ion: 78 Resp: 404218

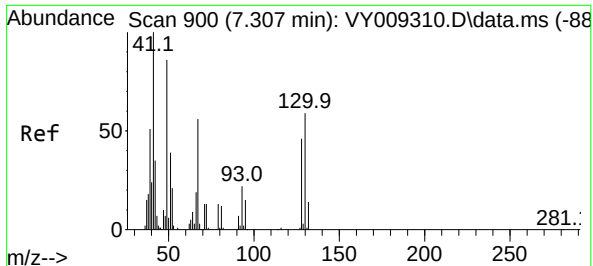
Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0



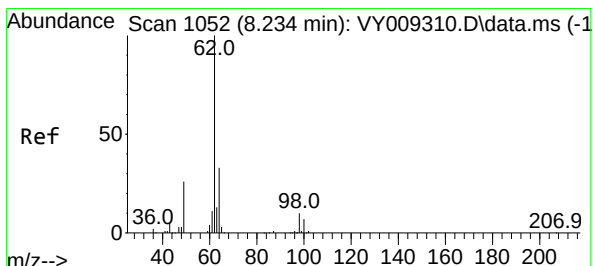
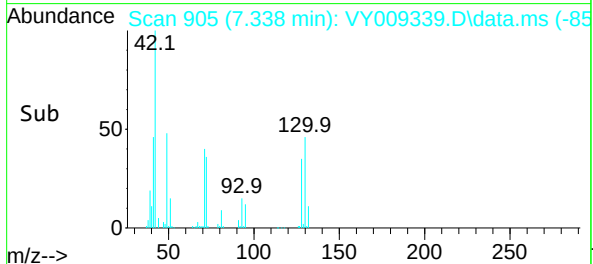
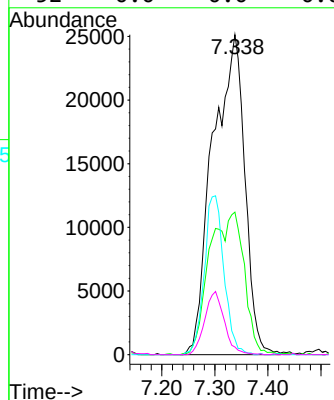
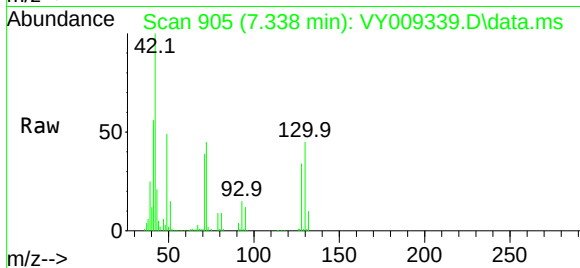




#41  
Methacrylonitrile  
Concen: 125.673 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.030 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

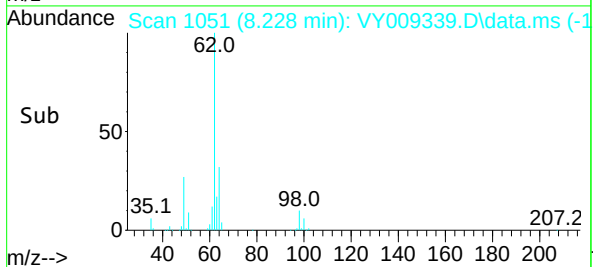
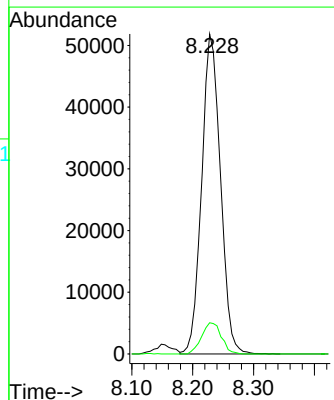
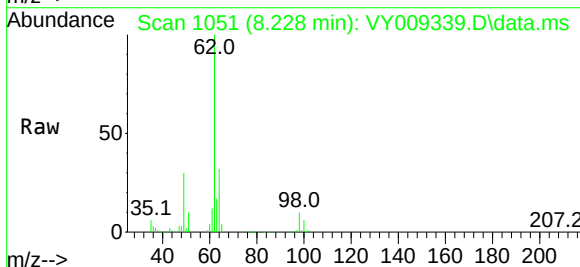
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

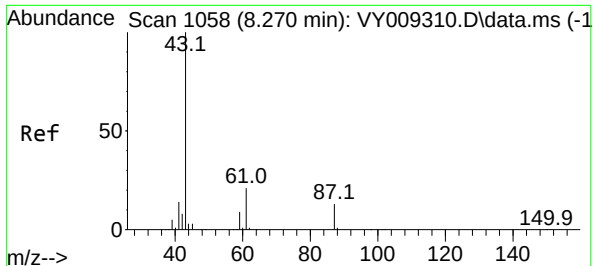
Tgt Ion: 41 Resp: 105240  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.031 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 62 Resp: 111248  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 20.6





#43

Isopropyl Acetate

Concen: 49.508 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

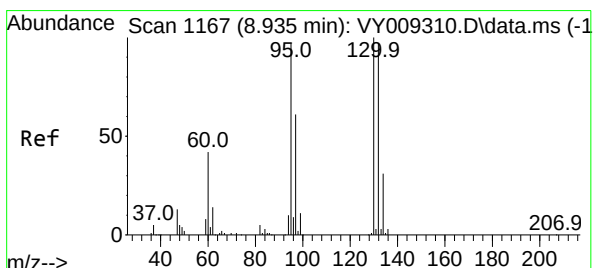
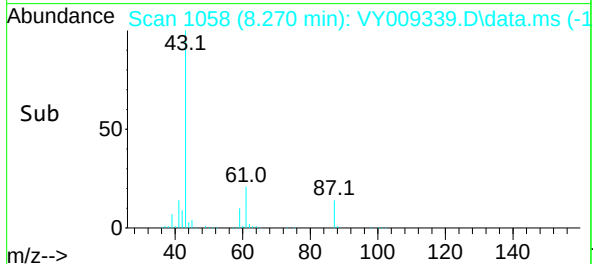
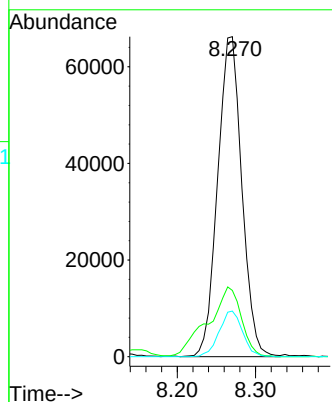
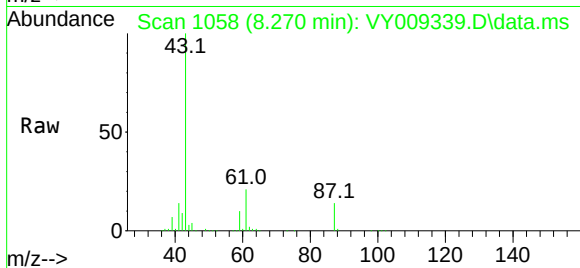
Tgt Ion: 43 Resp: 142263

Ion Ratio Lower Upper

43 100

61 30.1 23.6 35.4

87 13.8 11.3 16.9



#44

Trichloroethene

Concen: 49.233 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009339.D

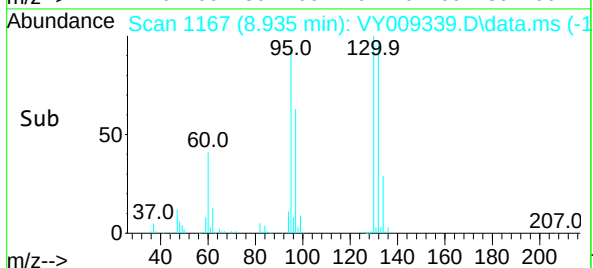
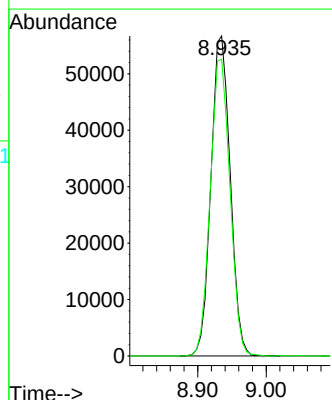
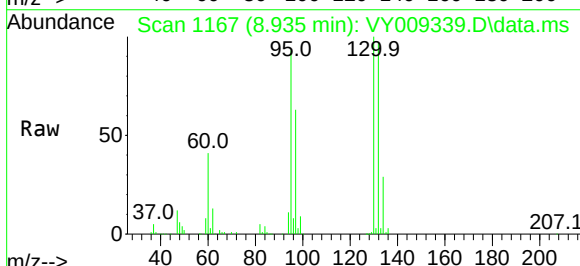
Acq: 27 Jun 2022 11:38

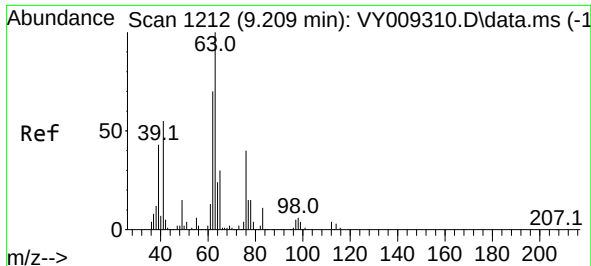
Tgt Ion: 130 Resp: 110953

Ion Ratio Lower Upper

130 100

95 92.7 0.0 194.6

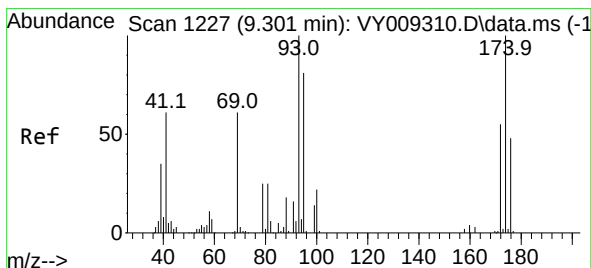
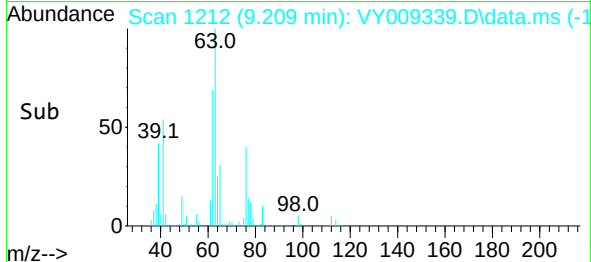
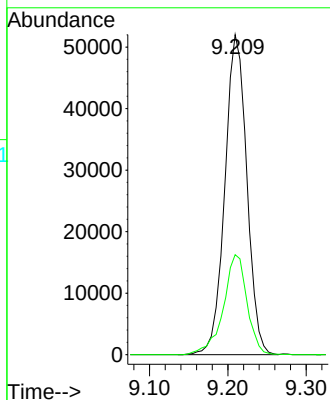
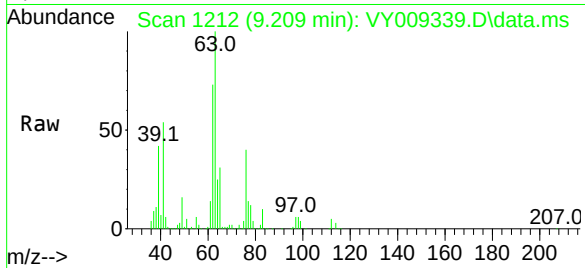




#45  
1,2-Dichloropropane  
Concen: 51.157 ug/l  
RT: 9.209 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

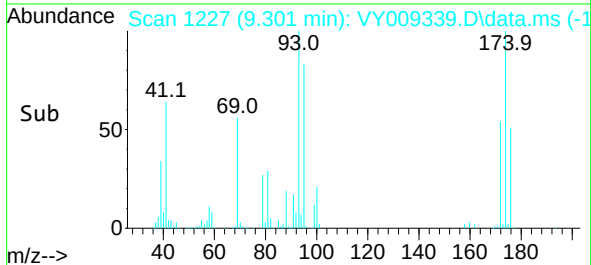
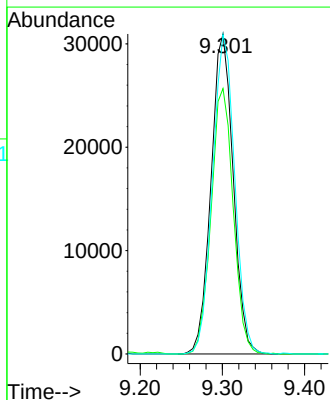
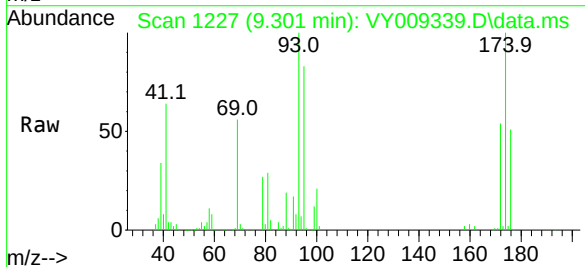
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

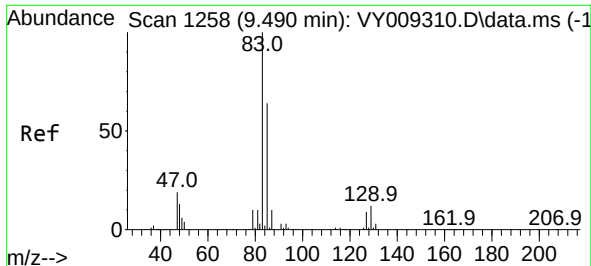
Tgt Ion: 63 Resp: 101195  
Ion Ratio Lower Upper  
63 100  
65 31.2 23.7 35.5



#46  
Dibromomethane  
Concen: 50.547 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 93 Resp: 57975  
Ion Ratio Lower Upper  
93 100  
95 82.9 66.3 99.5  
174 100.0 80.6 120.8

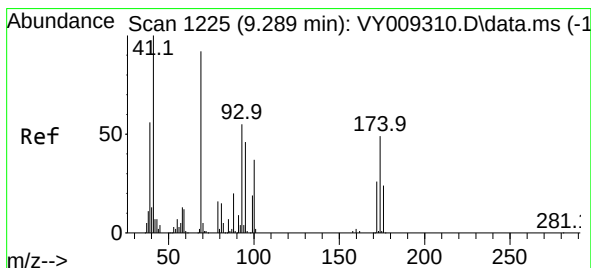
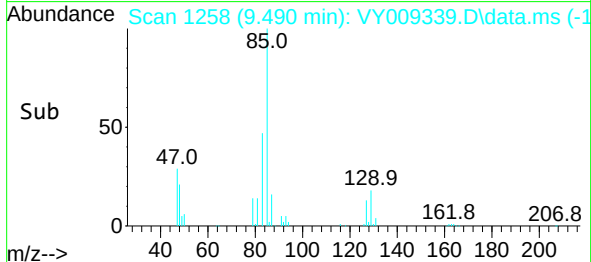
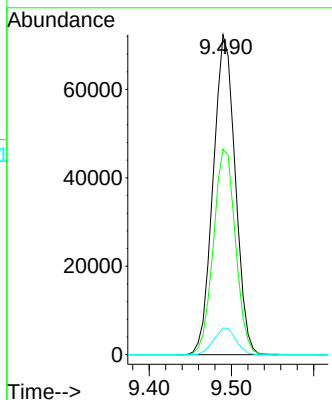
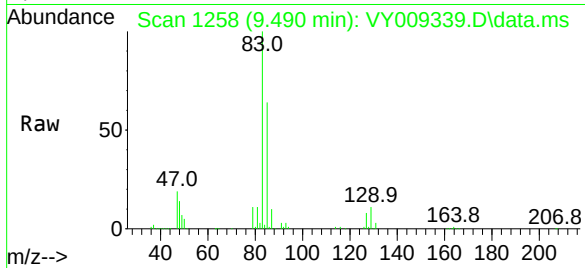




#47  
Bromodichloromethane  
Concen: 50.587 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

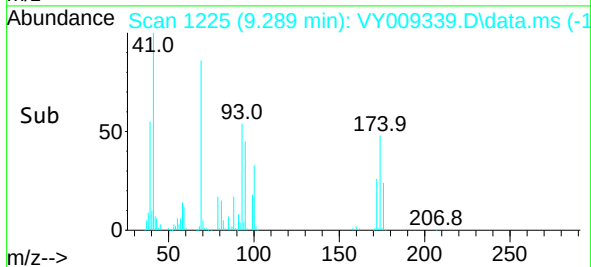
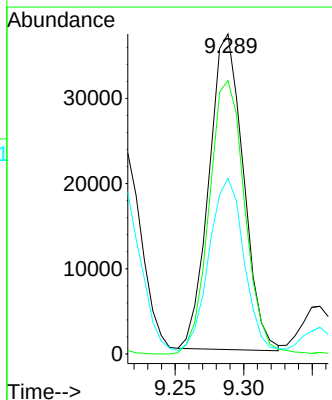
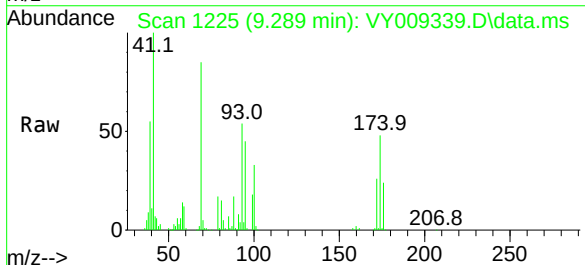
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

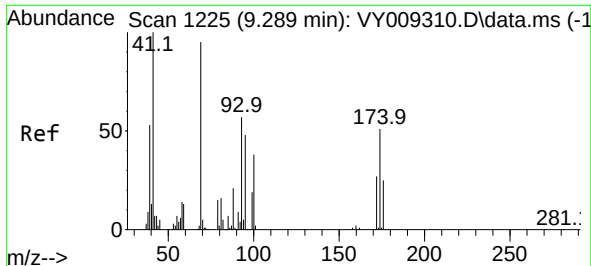
Tgt Ion: 83 Resp: 134926  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.2 76.8  
127 8.3 7.1 10.7



#48  
Methyl methacrylate  
Concen: 50.586 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 41 Resp: 64601  
Ion Ratio Lower Upper  
41 100  
69 89.6 73.2 109.8  
39 55.5 47.5 71.3





#49

1,4-Dioxane

Concen: 998.288 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

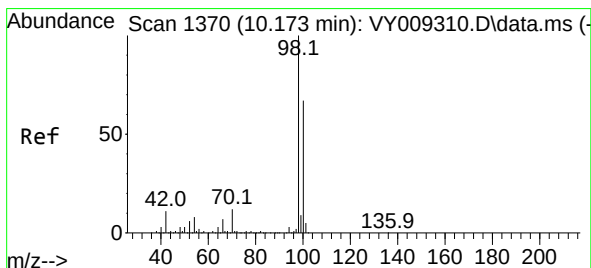
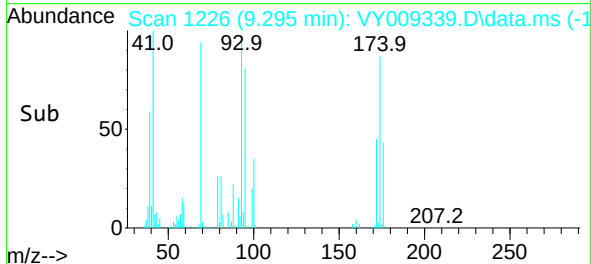
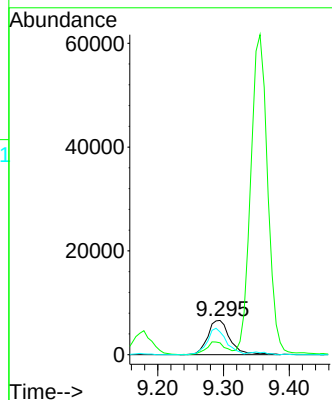
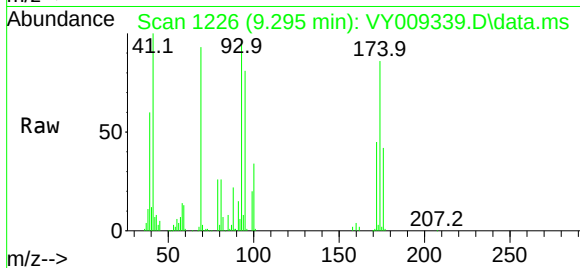
Tgt Ion: 88 Resp: 15568

Ion Ratio Lower Upper

88 100

43 32.1 26.3 39.5

58 65.5 52.6 79.0



#50

Toluene-d8

Concen: 46.830 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009339.D

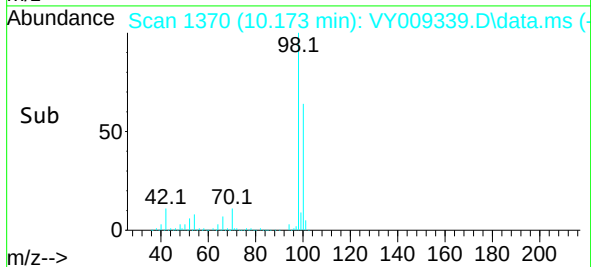
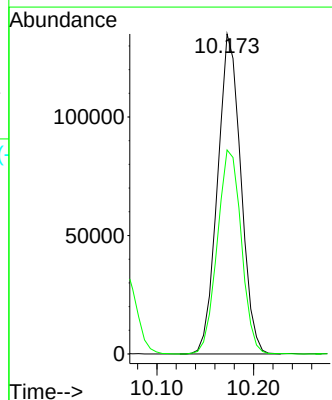
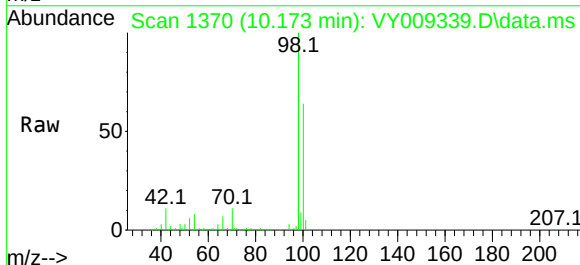
Acq: 27 Jun 2022 11:38

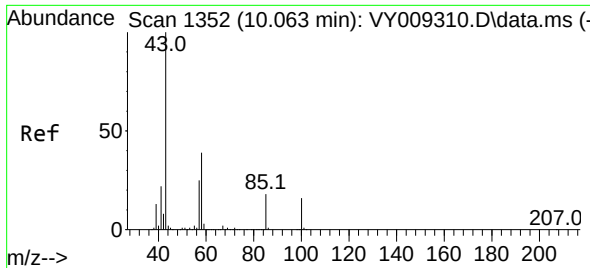
Tgt Ion: 98 Resp: 225330

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3

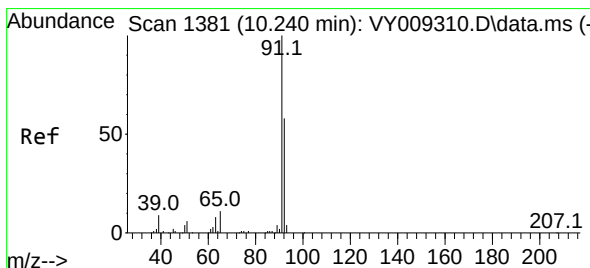
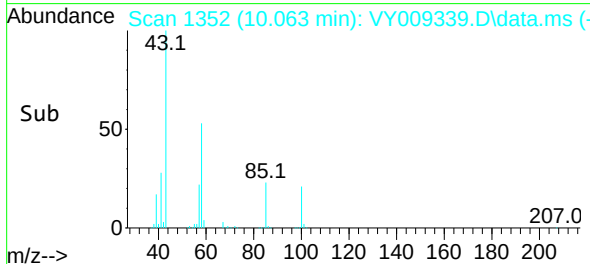
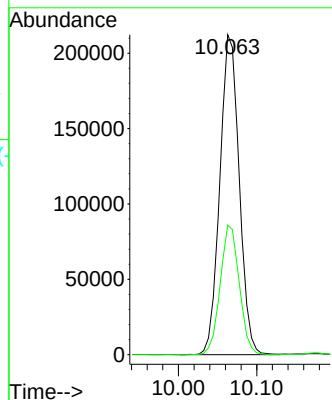
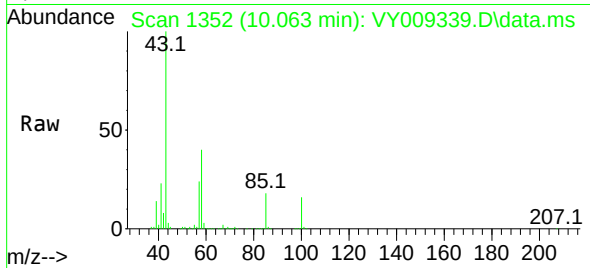




#51  
4-Methyl-2-Pentanone  
Concen: 251.547 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

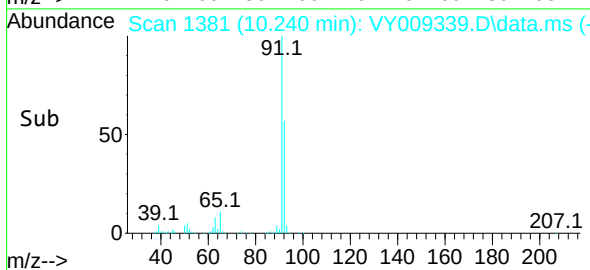
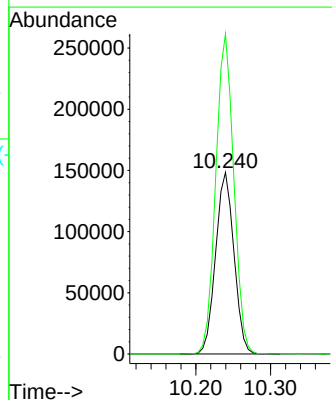
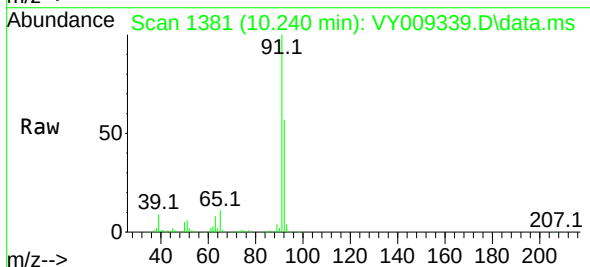
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

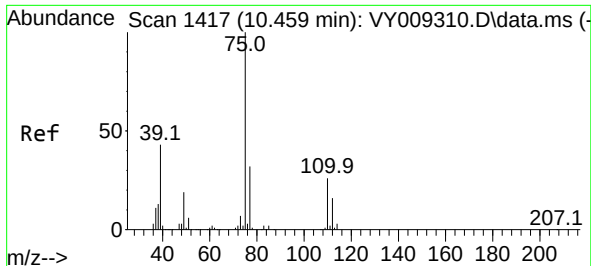
Tgt Ion: 43 Resp: 365196  
Ion Ratio Lower Upper  
43 100  
58 39.9 31.5 47.3



#52  
Toluene  
Concen: 50.769 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 92 Resp: 253494  
Ion Ratio Lower Upper  
92 100  
91 173.1 138.7 208.1

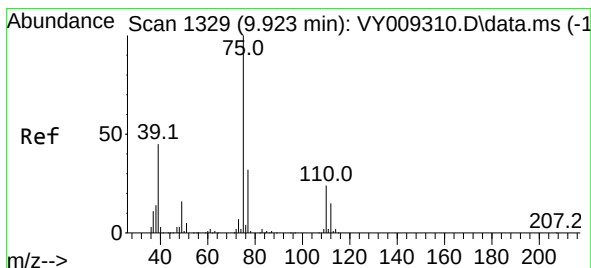
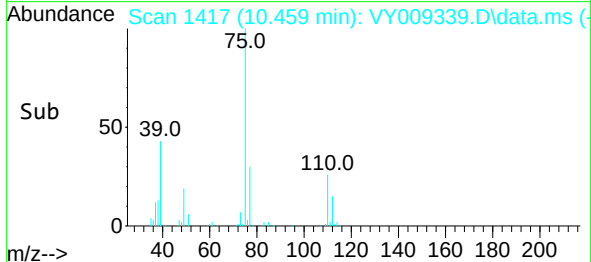
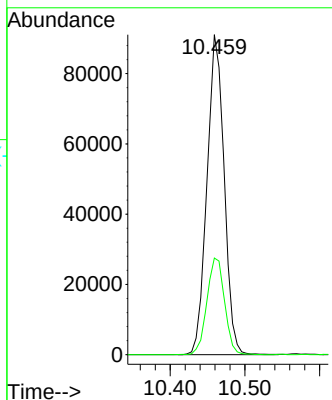
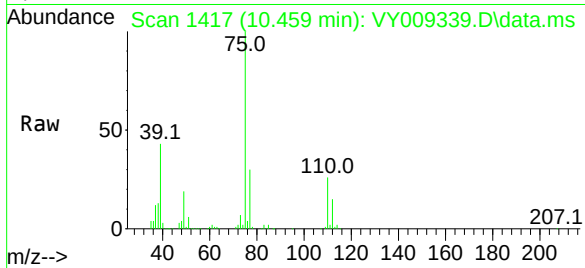




#53  
 t-1,3-Dichloropropene  
 Concen: 51.452 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: VY009339.D  
 Acq: 27 Jun 2022 11:38

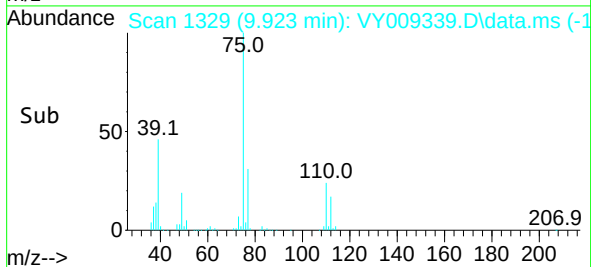
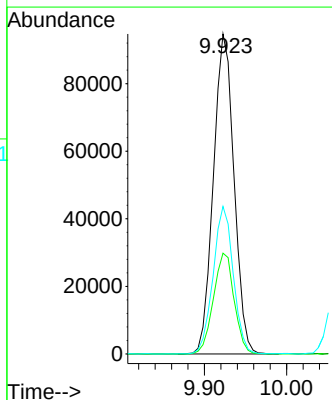
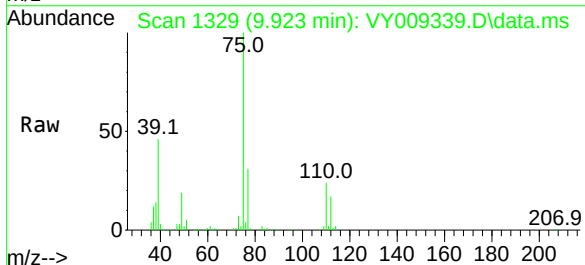
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

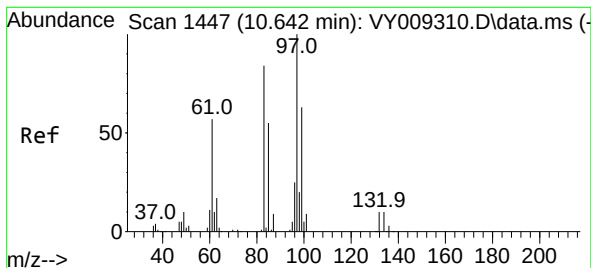
Tgt Ion: 75 Resp: 145244  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.250 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. 0.000 min  
 Lab File: VY009339.D  
 Acq: 27 Jun 2022 11:38

Tgt Ion: 75 Resp: 164835  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.2 37.8  
 39 46.0 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 51.763 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 81736

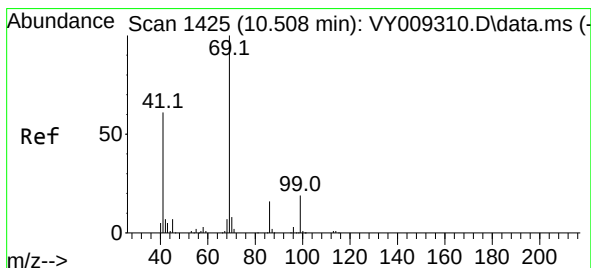
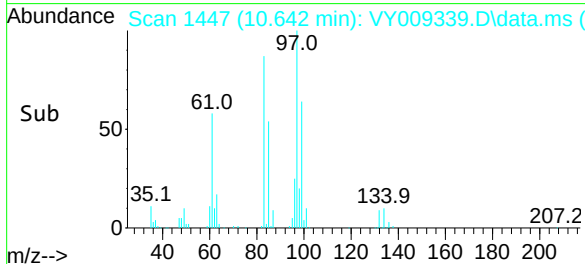
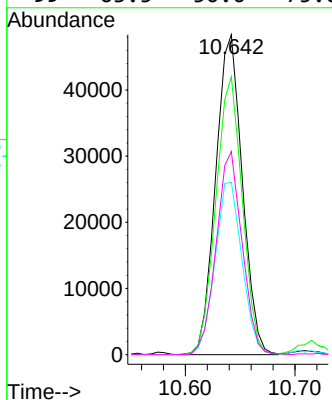
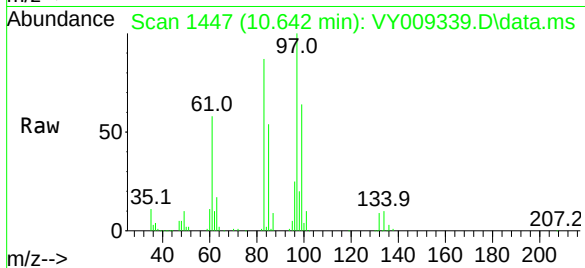
Ion Ratio Lower Upper

97 100

83 86.8 66.9 100.3

85 53.8 44.2 66.4

99 63.5 50.0 75.0



#56

Ethyl methacrylate

Concen: 52.343 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

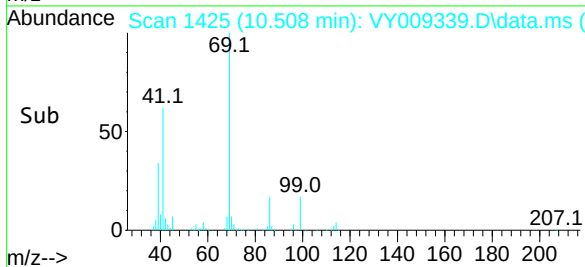
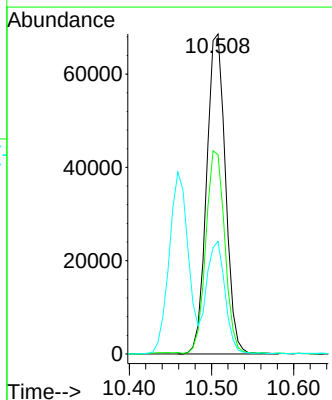
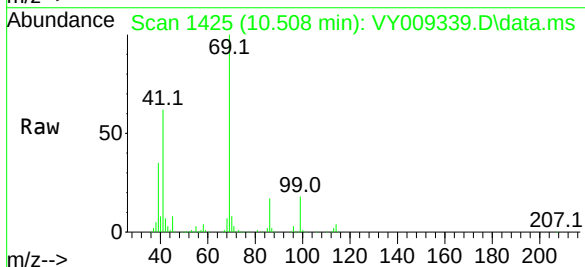
Tgt Ion: 69 Resp: 109251

Ion Ratio Lower Upper

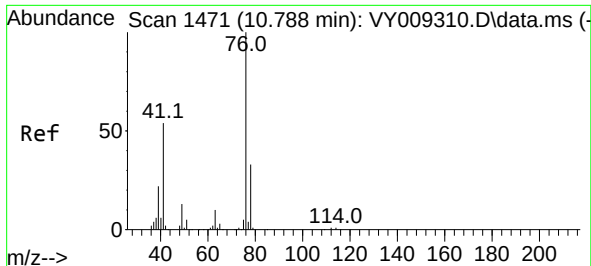
69 100

41 63.5 50.4 75.6

39 34.3 27.6 41.4







#57

1,3-Dichloropropane

Concen: 51.430 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

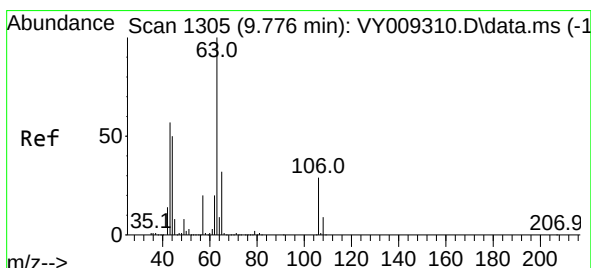
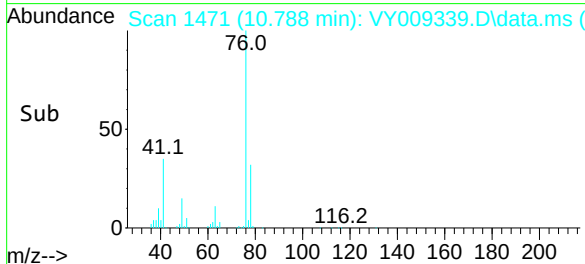
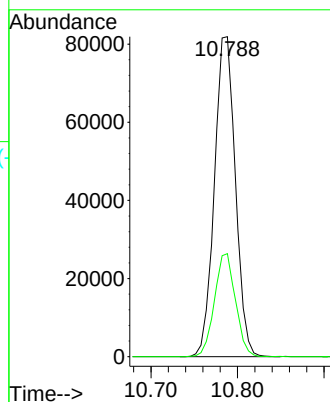
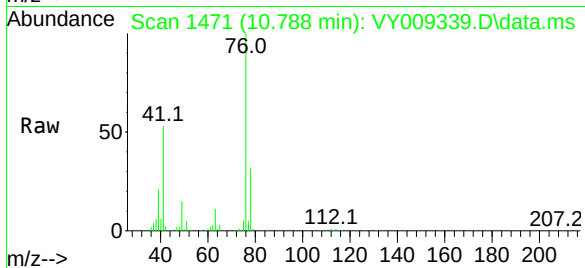
VSTDCCC050

Tgt Ion: 76 Resp: 137941

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 252.923 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009339.D

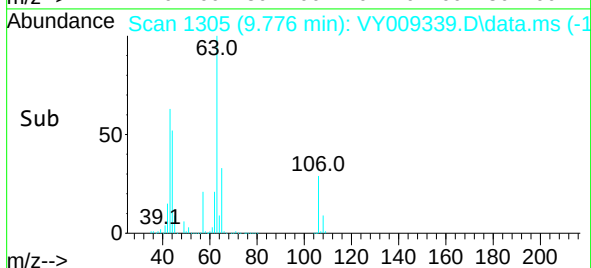
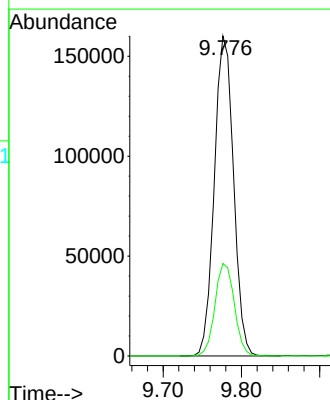
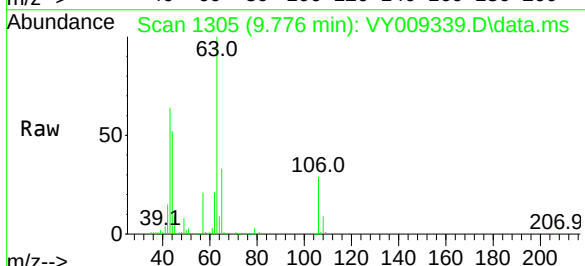
Acq: 27 Jun 2022 11:38

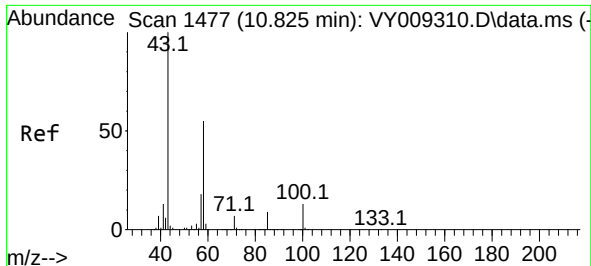
Tgt Ion: 63 Resp: 273008

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9

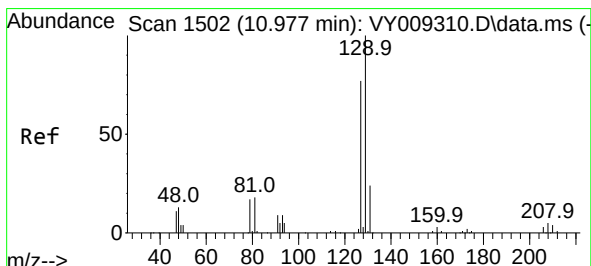
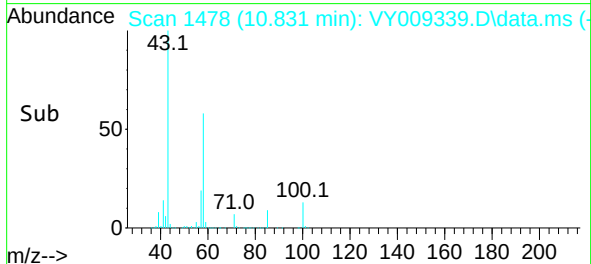
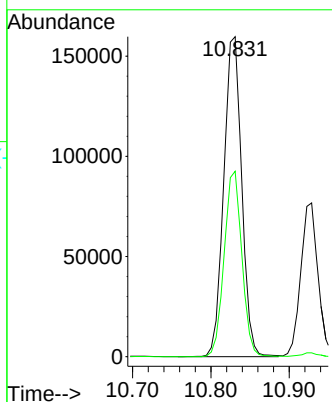
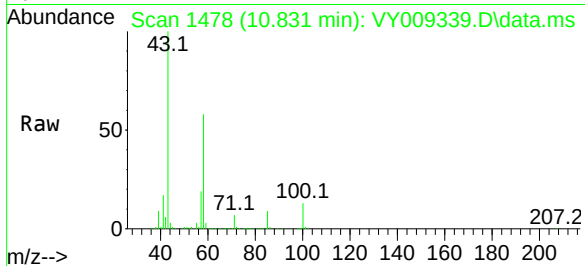




#59  
2-Hexanone  
Concen: 252.481 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

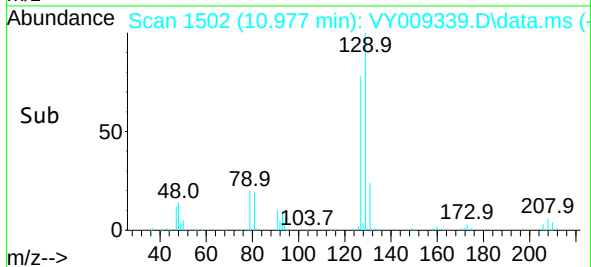
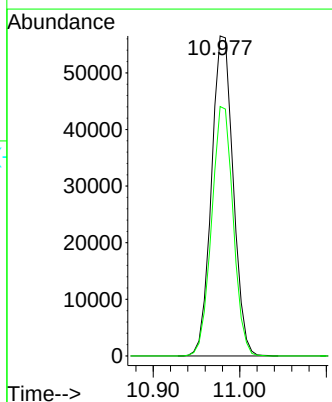
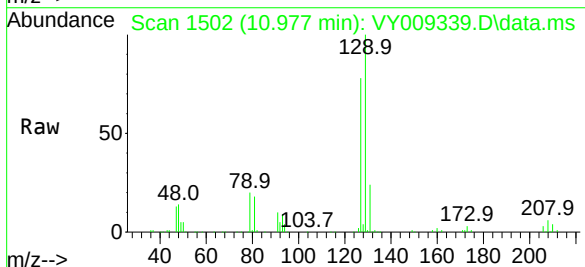
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

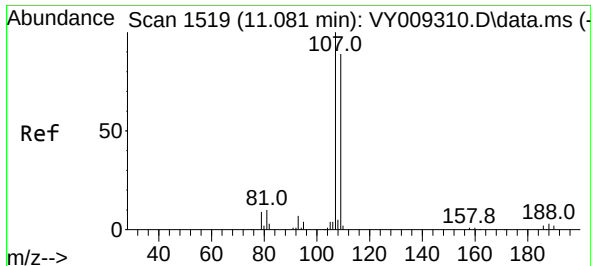
Tgt Ion: 43 Resp: 254962  
Ion Ratio Lower Upper  
43 100  
58 57.2 27.6 82.8



#60  
Dibromochloromethane  
Concen: 51.403 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 129 Resp: 98331  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.8 116.4

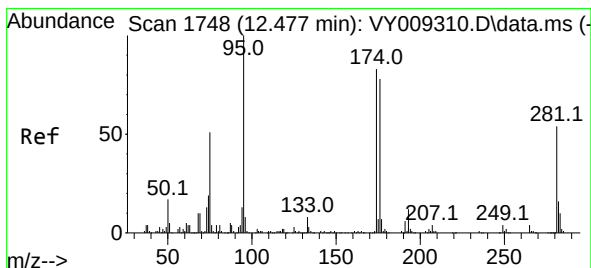
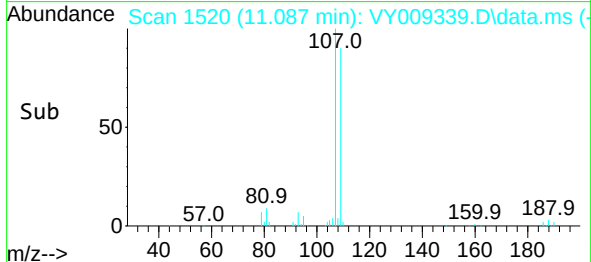
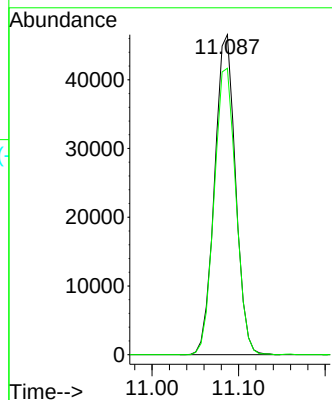
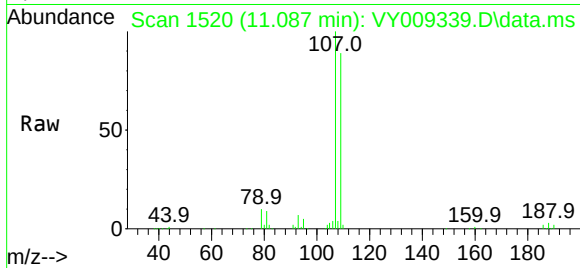




#61  
1,2-Dibromoethane  
Concen: 50.558 ug/l  
RT: 11.087 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

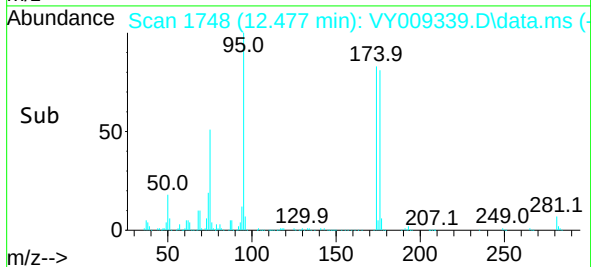
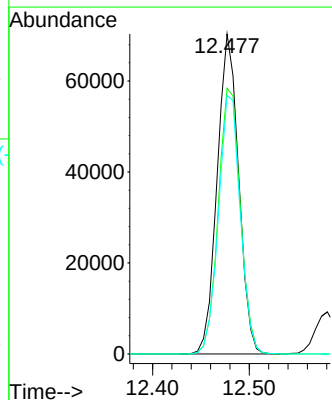
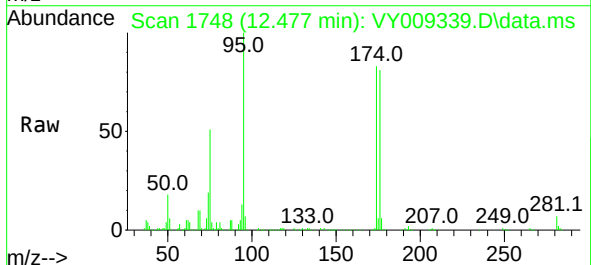
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

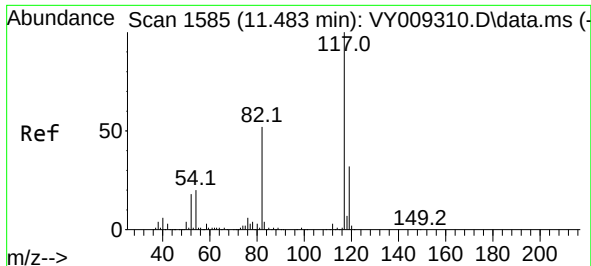
Tgt Ion:107 Resp: 78248  
Ion Ratio Lower Upper  
107 100  
109 92.9 73.9 110.9



#62  
4-Bromofluorobenzene  
Concen: 46.529 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 95 Resp: 108136  
Ion Ratio Lower Upper  
95 100  
174 85.4 0.0 173.8  
176 82.1 0.0 167.0

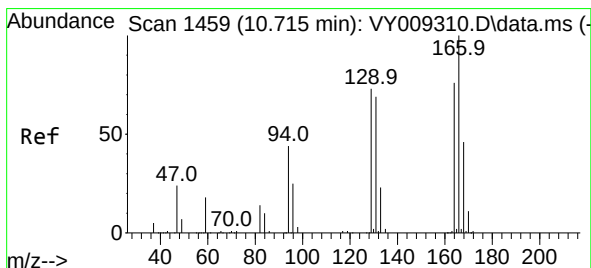
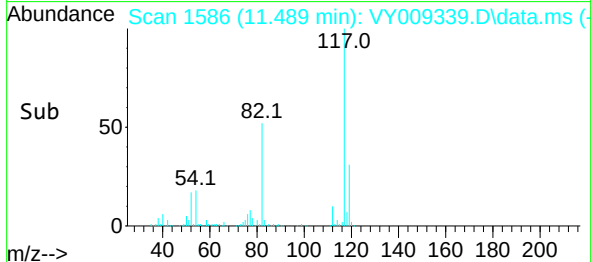
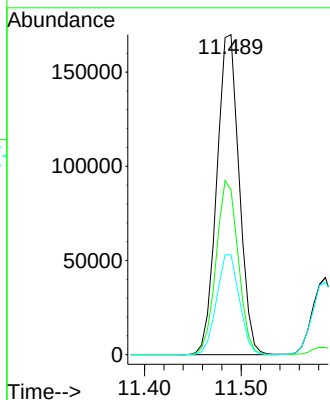
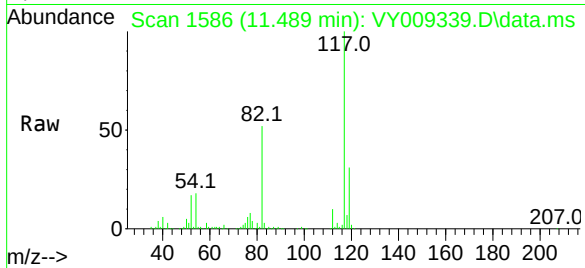




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

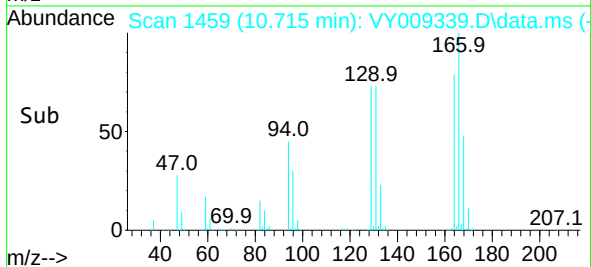
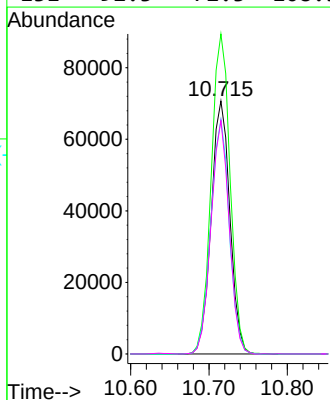
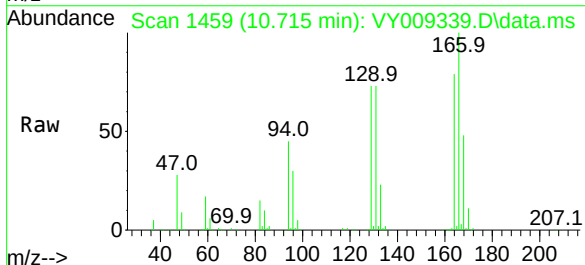
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

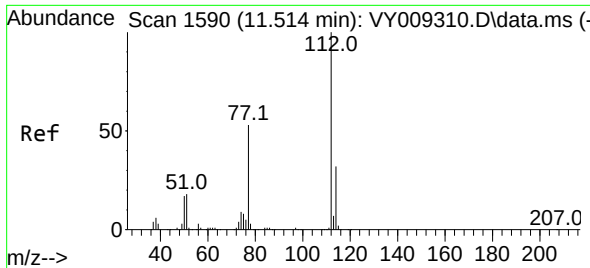
Tgt Ion:117 Resp: 273417  
Ion Ratio Lower Upper  
117 100  
82 51.6 41.8 62.6  
119 31.2 25.6 38.4



#64  
Tetrachloroethene  
Concen: 49.348 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion:164 Resp: 117363  
Ion Ratio Lower Upper  
164 100  
166 126.5 104.9 157.3  
129 92.6 76.5 114.7  
131 92.3 72.3 108.5

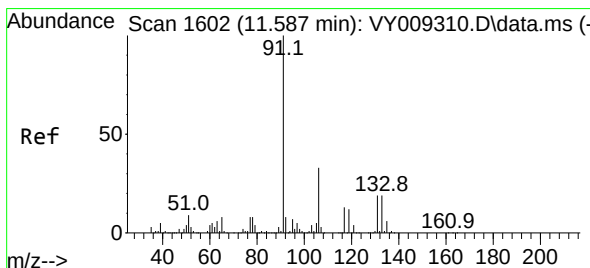
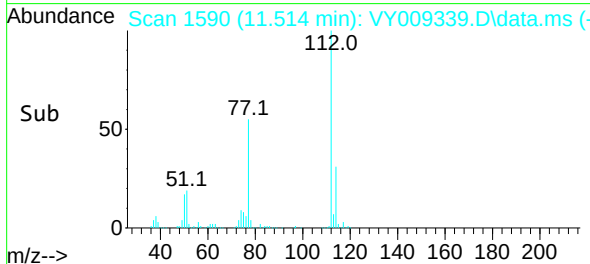
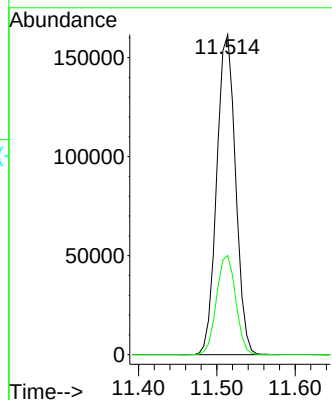
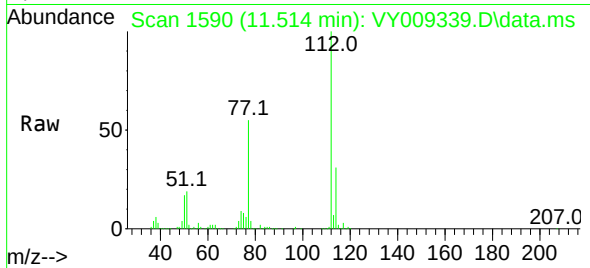




#65  
Chlorobenzene  
Concen: 49.846 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

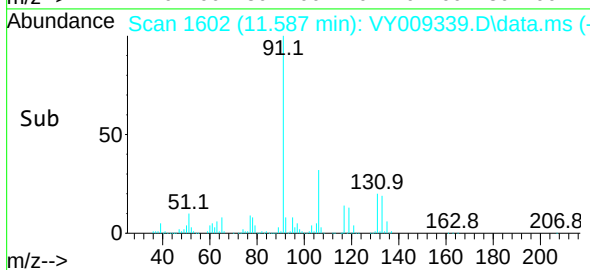
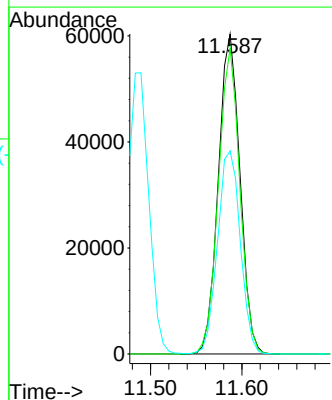
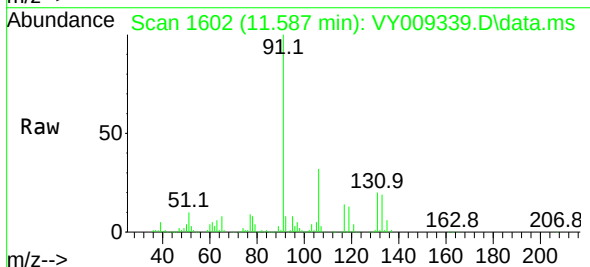
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

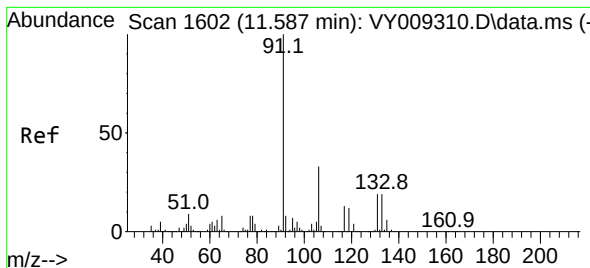
Tgt Ion:112 Resp: 270420  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.052 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion:131 Resp: 99243  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.3 142.0  
119 67.0 32.1 96.3





#67

Ethyl Benzene

Concen: 50.062 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

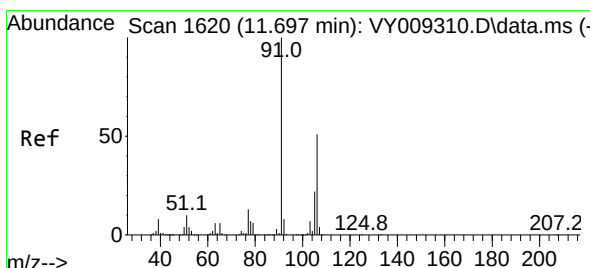
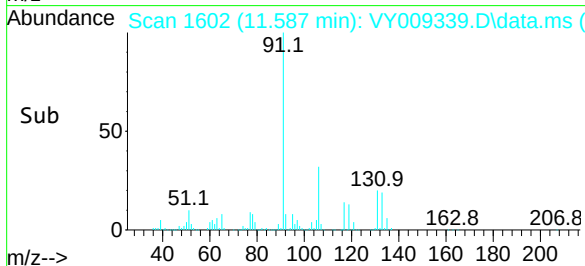
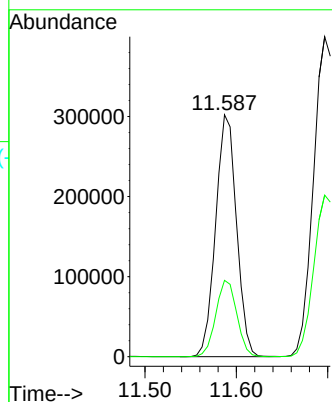
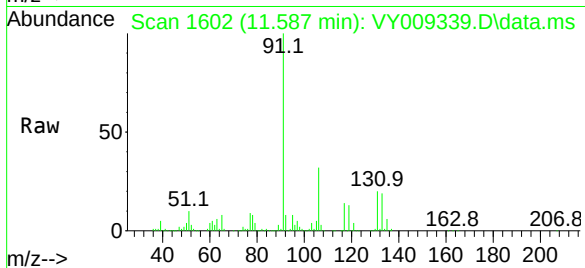
VSTDCCC050

Tgt Ion: 91 Resp: 479539

Ion Ratio Lower Upper

91 100

106 31.6 26.2 39.4



#68

m/p-Xylenes

Concen: 100.145 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009339.D

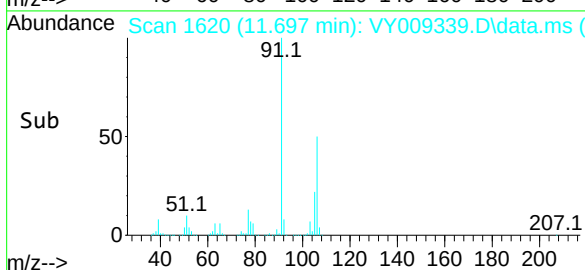
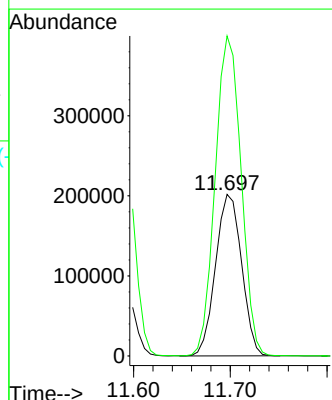
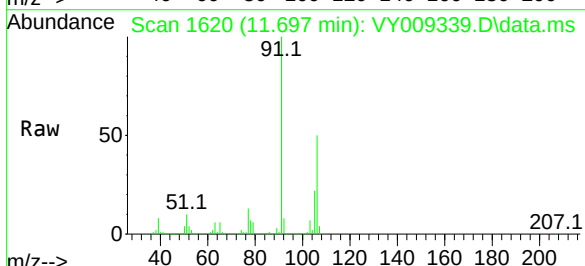
Acq: 27 Jun 2022 11:38

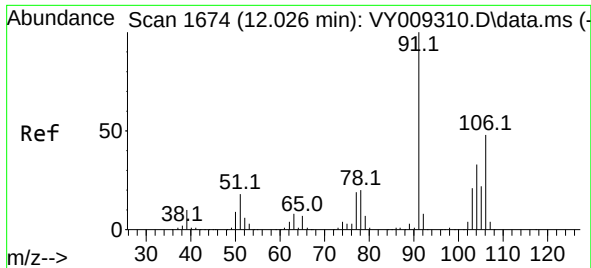
Tgt Ion:106 Resp: 376878

Ion Ratio Lower Upper

106 100

91 197.4 156.2 234.2

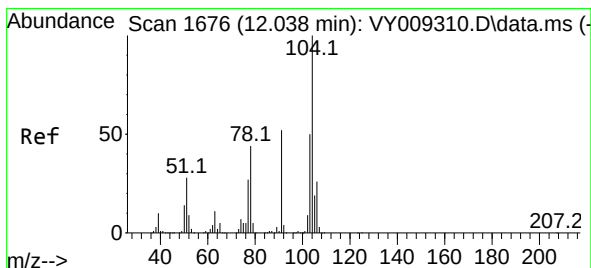
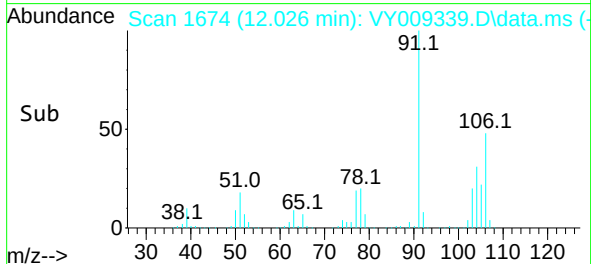
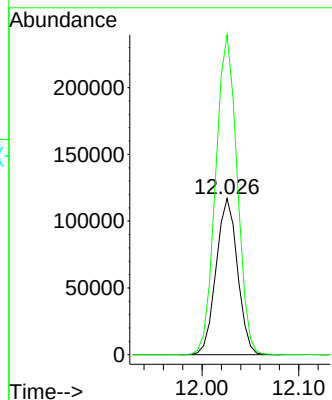
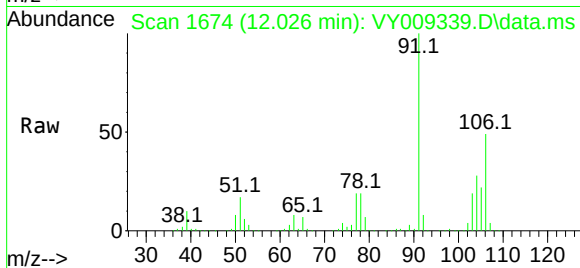




#69  
o-Xylene  
Concen: 50.723 ug/l  
RT: 12.026 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

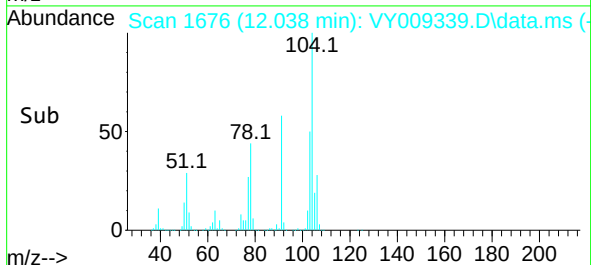
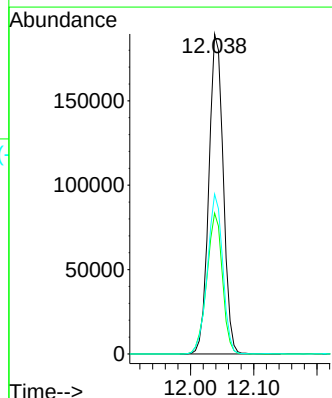
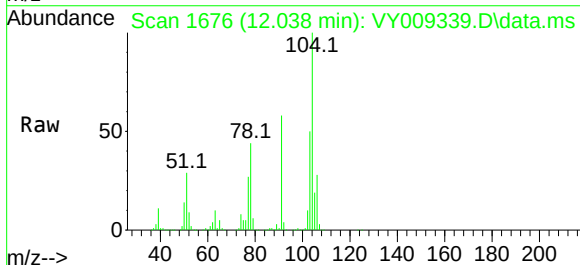
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

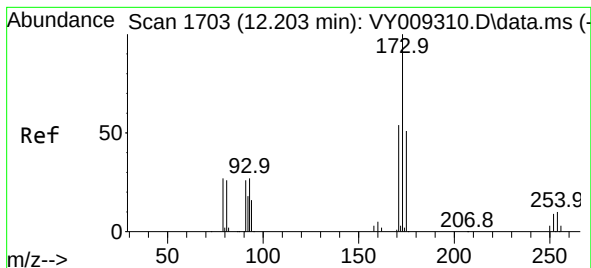
Tgt Ion:106 Resp: 179127  
Ion Ratio Lower Upper  
106 100  
91 206.4 103.2 309.4



#70  
Styrene  
Concen: 51.287 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion:104 Resp: 300661  
Ion Ratio Lower Upper  
104 100  
78 47.4 38.6 57.8  
103 53.3 43.3 64.9





#71

Bromoform

Concen: 51.447 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

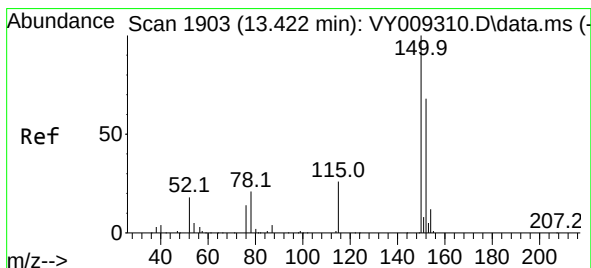
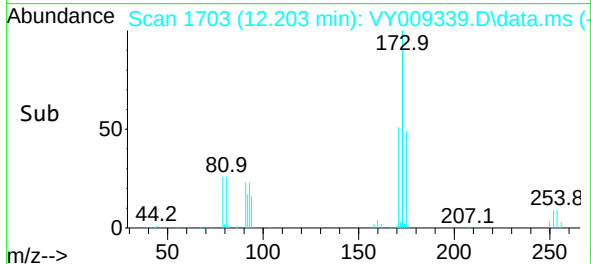
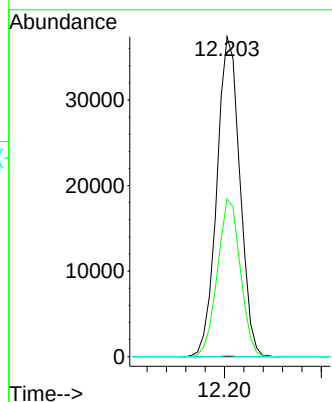
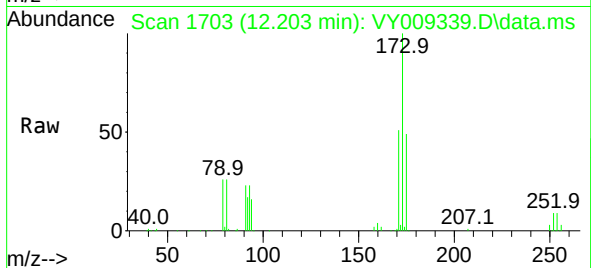
Tgt Ion:173 Resp: 61732

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.4

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

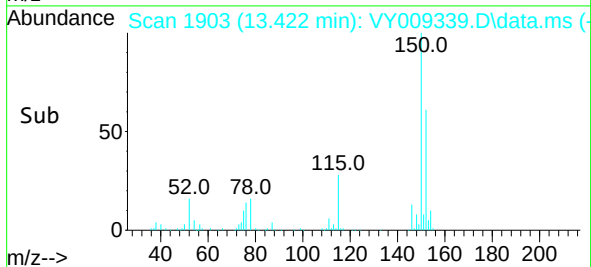
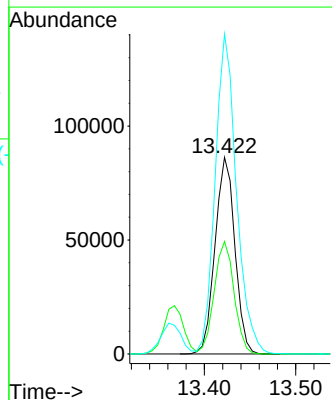
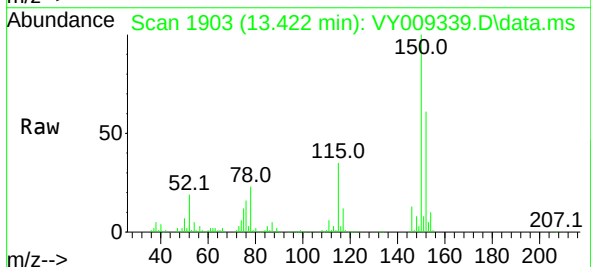
Tgt Ion:152 Resp: 130049

Ion Ratio Lower Upper

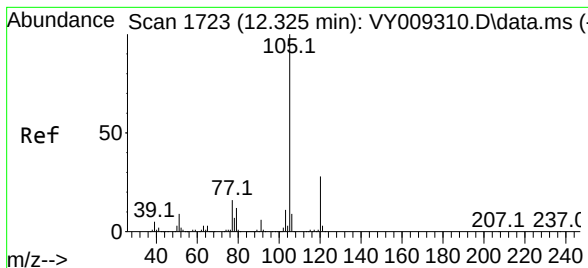
152 100

115 57.2 28.6 85.9

150 174.8 0.0 349.8







#73

Isopropylbenzene

Concen: 52.753 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

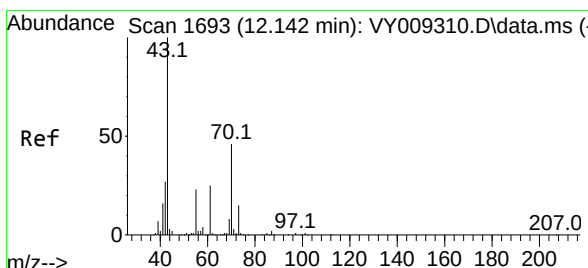
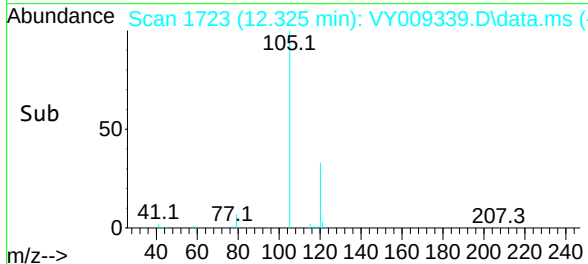
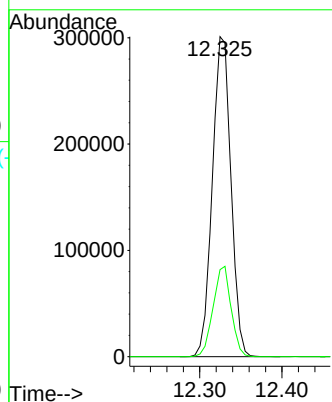
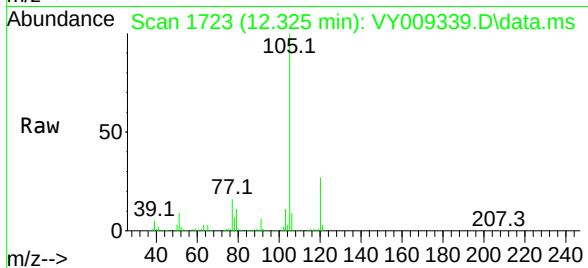
VSTDCCC050

Tgt Ion:105 Resp: 473019

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 49.629 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Tgt Ion: 43 Resp: 119534

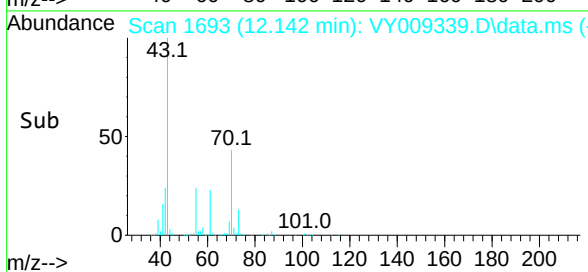
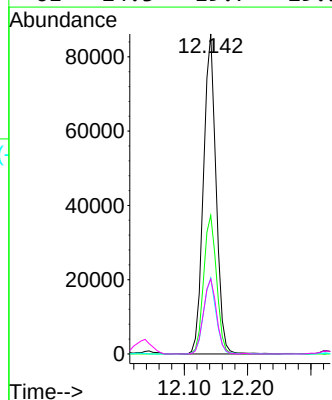
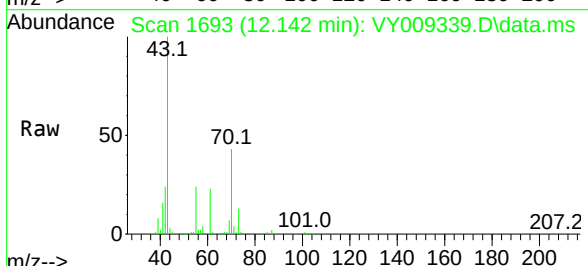
Ion Ratio Lower Upper

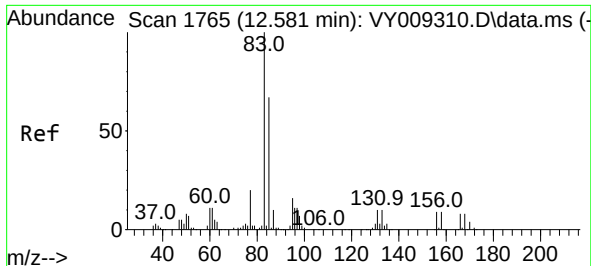
43 100

70 44.3 35.6 53.4

55 23.9 19.5 29.3

61 24.3 19.7 29.5

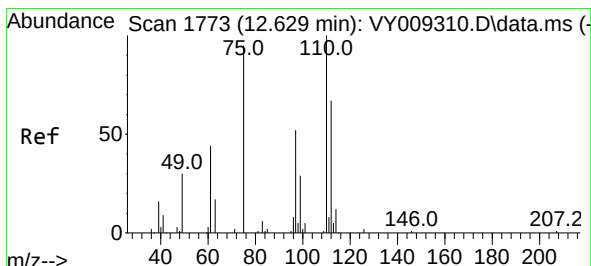
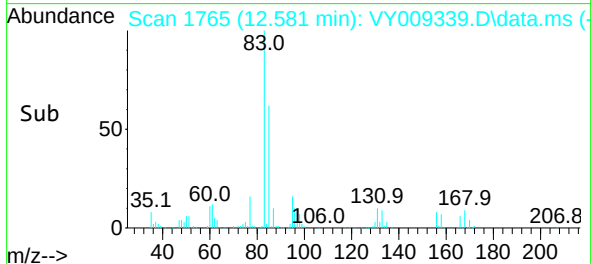
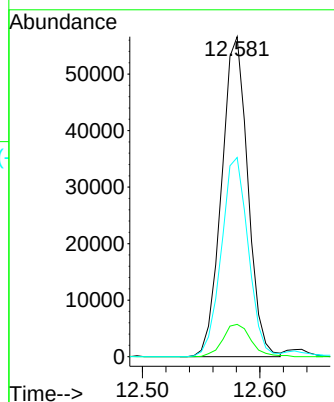
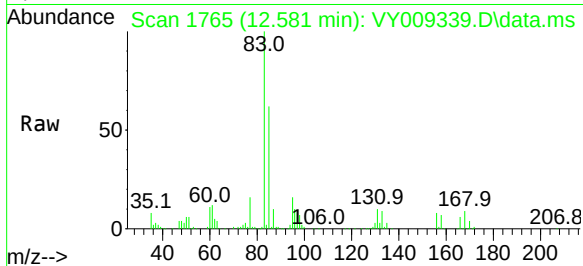




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.943 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

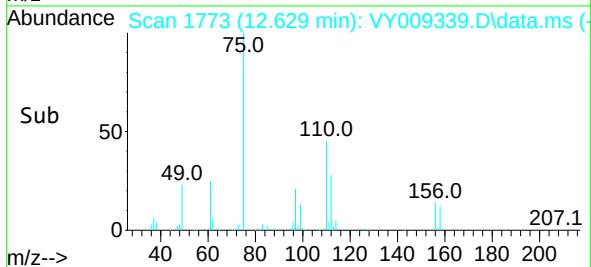
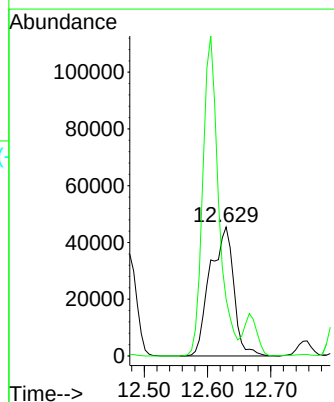
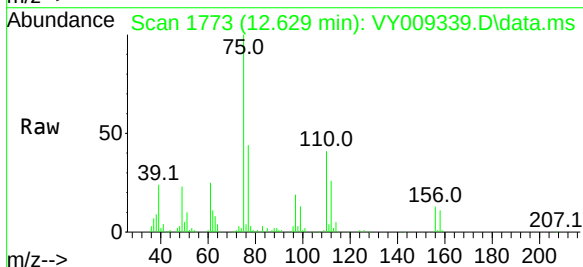
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

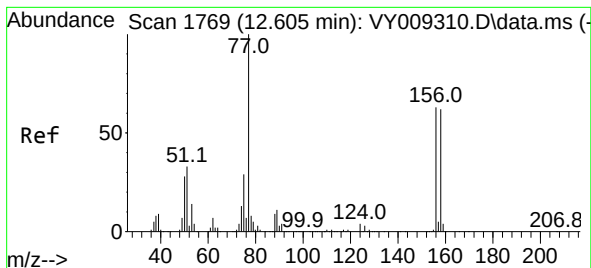
Tgt Ion: 83 Resp: 87788  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.4 16.2  
85 63.9 32.8 98.4



#76  
1,2,3-Trichloropropane  
Concen: 93.580 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 75 Resp: 118099  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.942 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

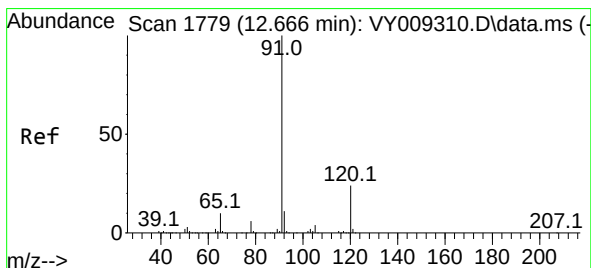
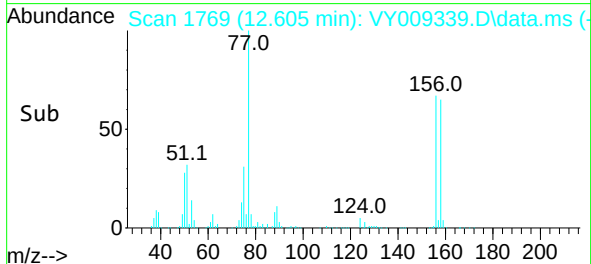
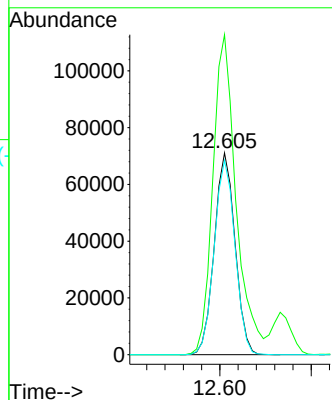
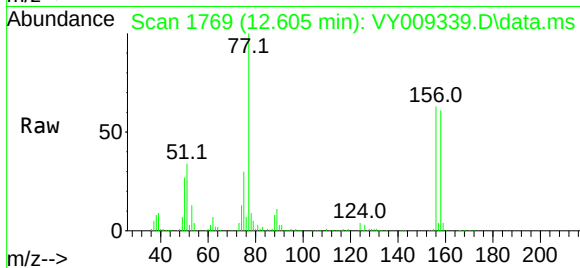
Tgt Ion:156 Resp: 111807

Ion Ratio Lower Upper

156 100

77 177.8 88.1 264.3

158 97.1 48.6 145.8



#78

n-propylbenzene

Concen: 51.348 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009339.D

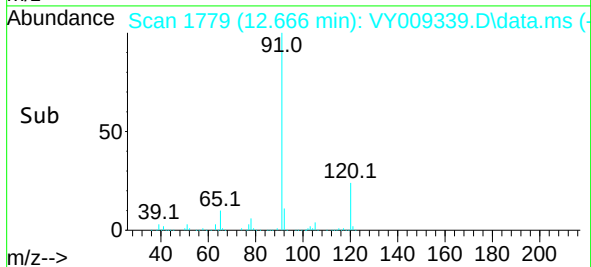
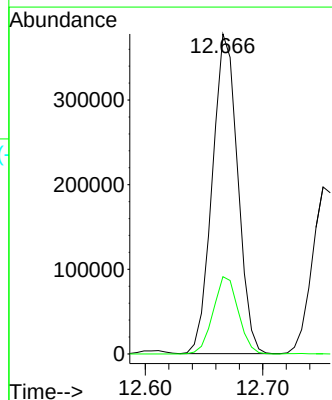
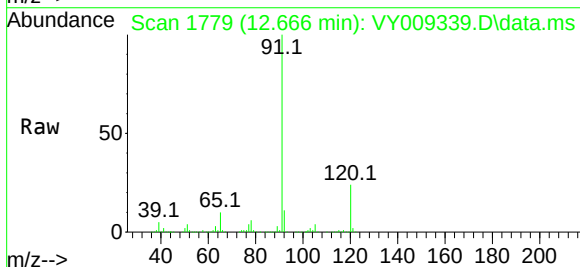
Acq: 27 Jun 2022 11:38

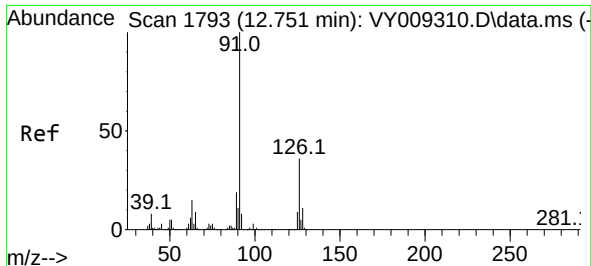
Tgt Ion: 91 Resp: 567794

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5

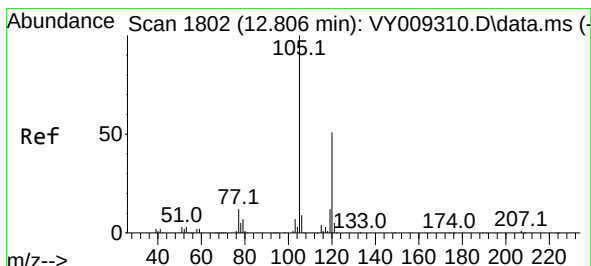
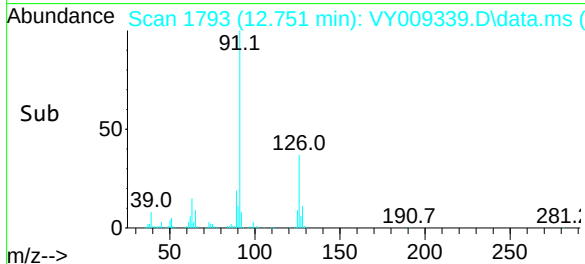
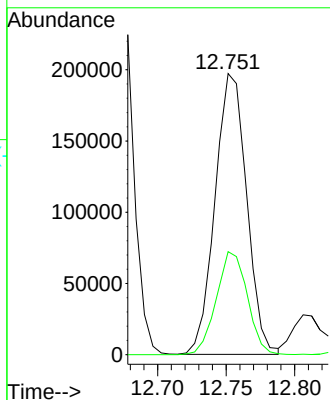
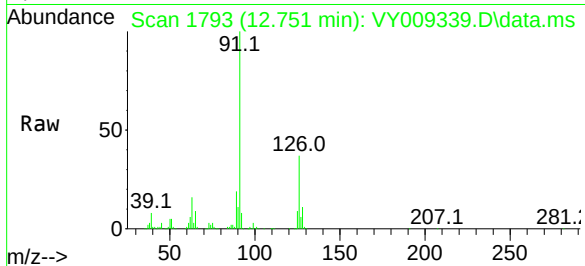




#79  
2-Chlorotoluene  
Concen: 51.635 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

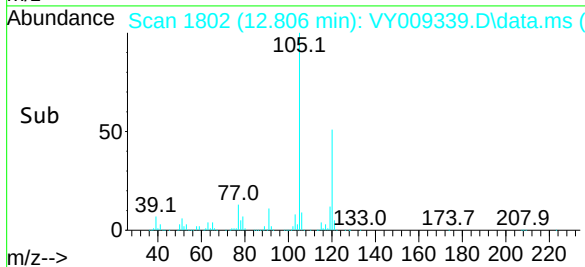
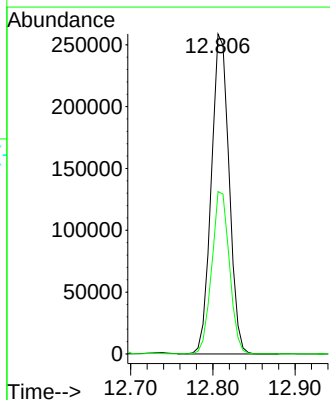
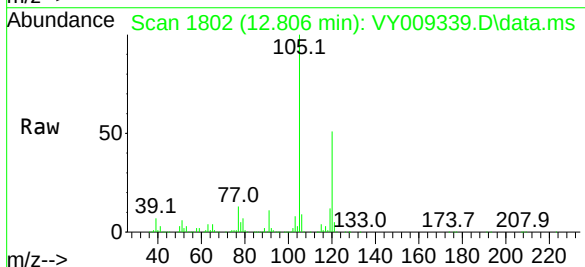
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

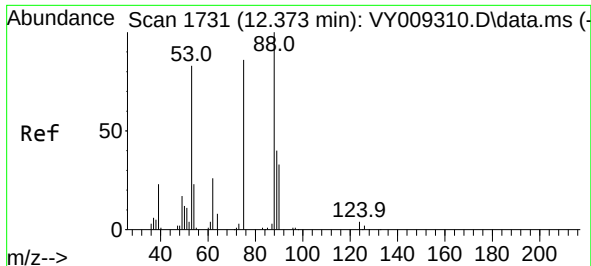
Tgt Ion: 91 Resp: 317224  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.8 53.4



#80  
1,3,5-Trimethylbenzene  
Concen: 51.412 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 105 Resp: 388297  
Ion Ratio Lower Upper  
105 100  
120 50.6 25.3 75.8

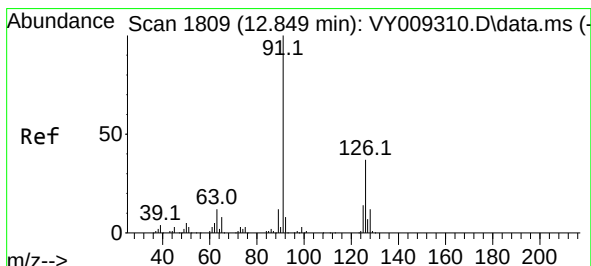
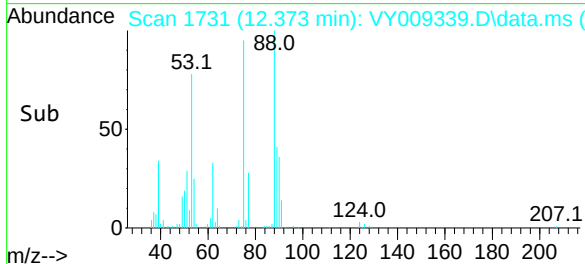
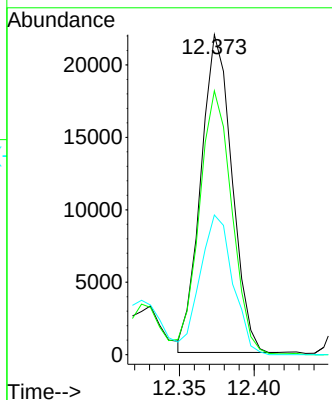
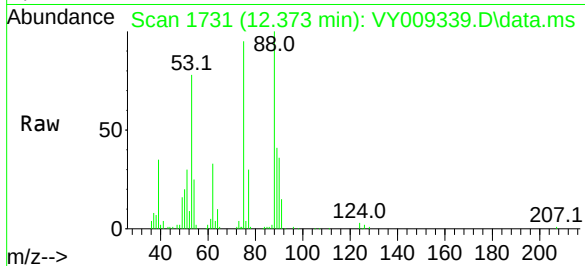




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.877 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

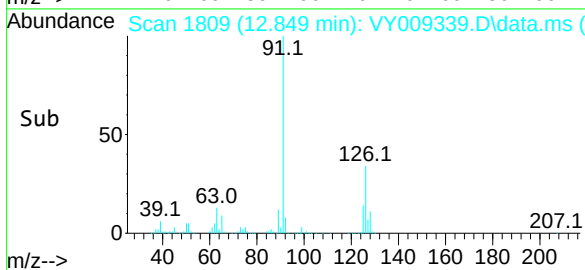
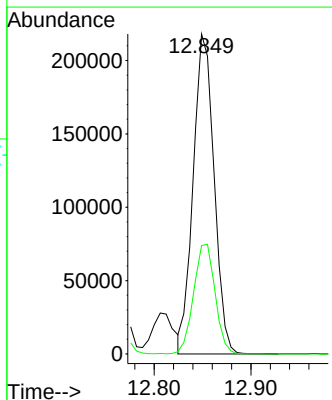
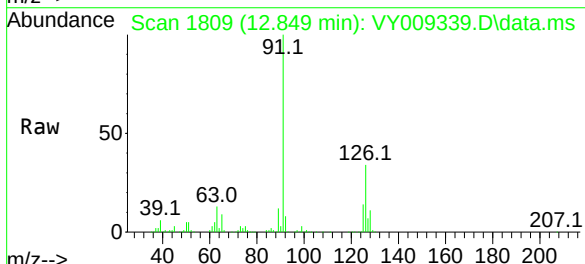
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

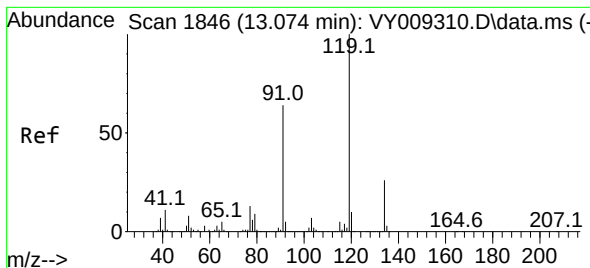
Tgt Ion: 75 Resp: 31798  
Ion Ratio Lower Upper  
75 100  
53 87.5 71.4 107.2  
89 46.4 38.1 57.1



#82  
4-Chlorotoluene  
Concen: 51.124 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 91 Resp: 327273  
Ion Ratio Lower Upper  
91 100  
126 35.5 18.0 54.0





#83

tert-Butylbenzene

Concen: 52.059 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

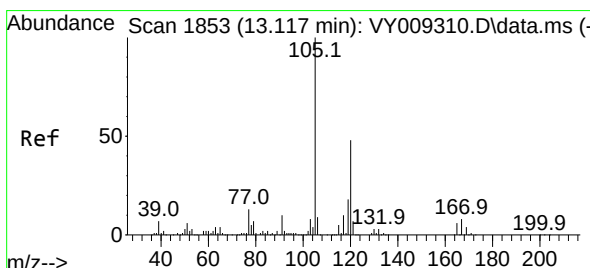
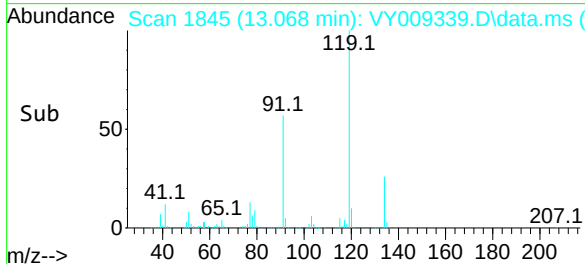
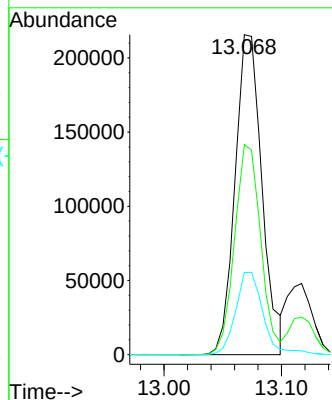
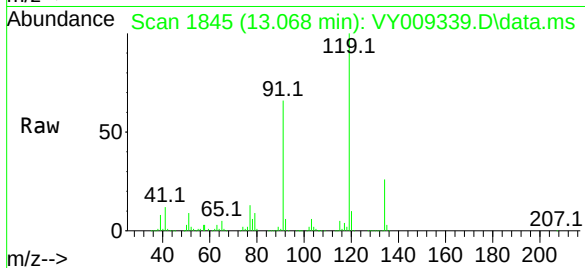
Tgt Ion:119 Resp: 343829

Ion Ratio Lower Upper

119 100

91 63.8 32.0 96.0

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.397 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009339.D

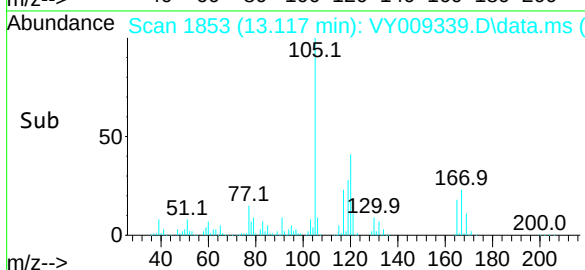
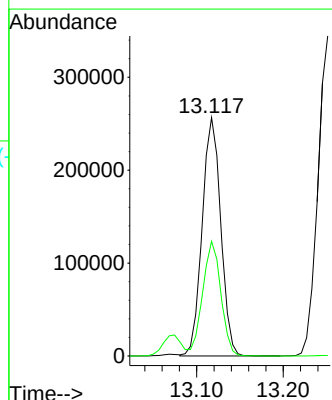
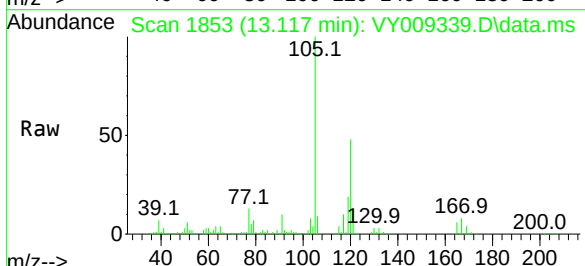
Acq: 27 Jun 2022 11:38

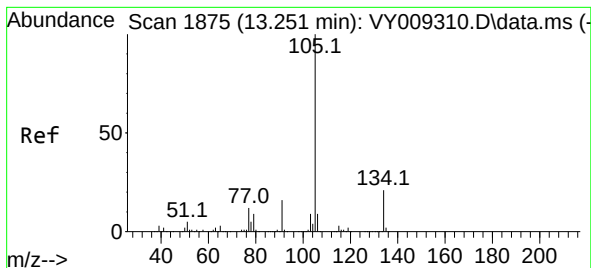
Tgt Ion:105 Resp: 382737

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.884 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

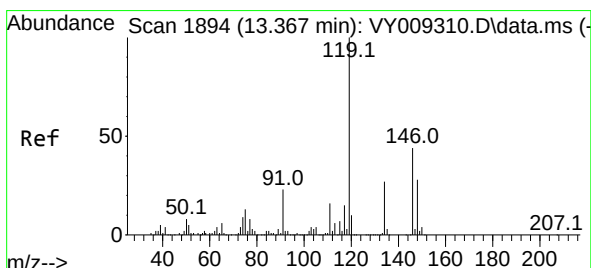
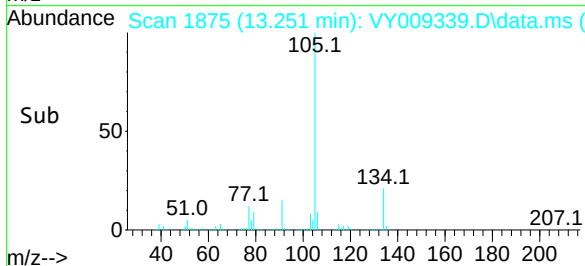
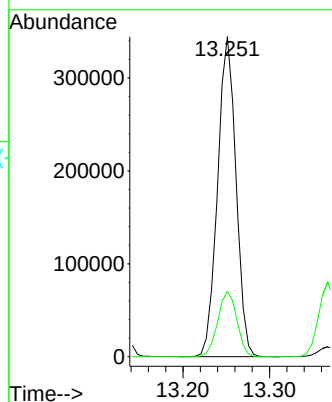
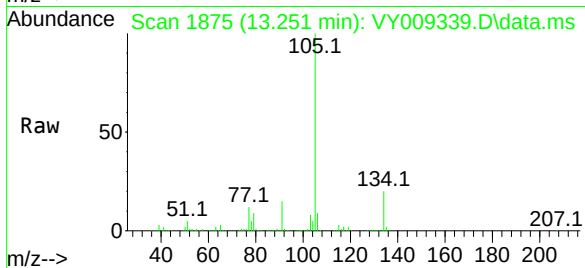
VSTDCCC050

Tgt Ion:105 Resp: 508295

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.6



#86

p-Isopropyltoluene

Concen: 51.705 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

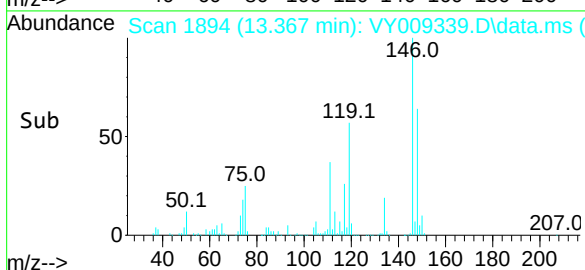
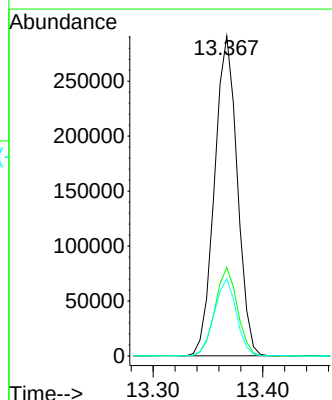
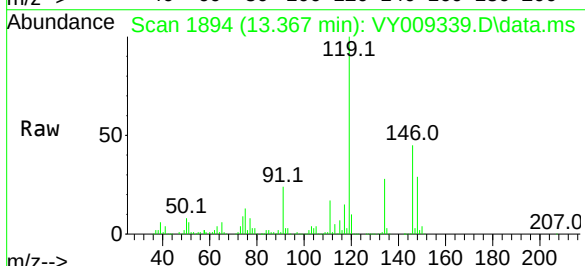
Tgt Ion:119 Resp: 419046

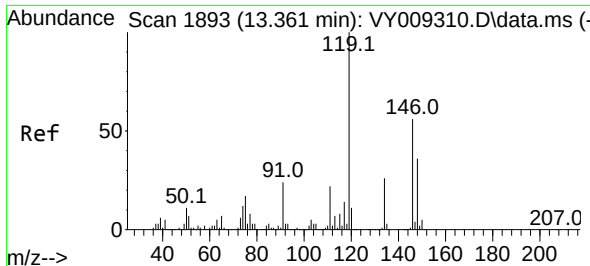
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 23.6 11.6 34.8

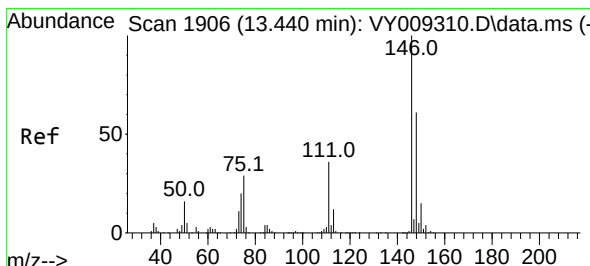
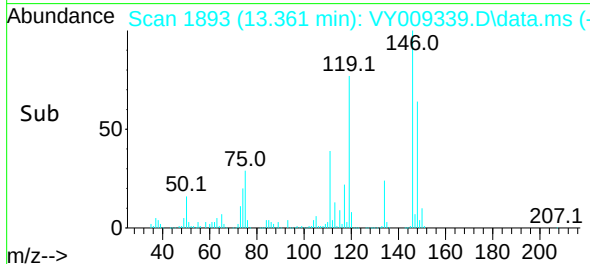
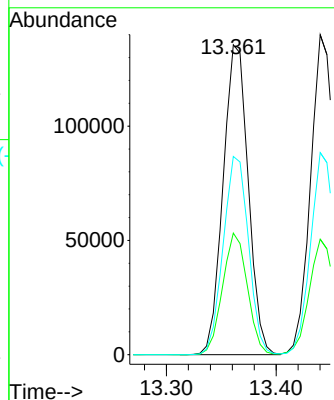
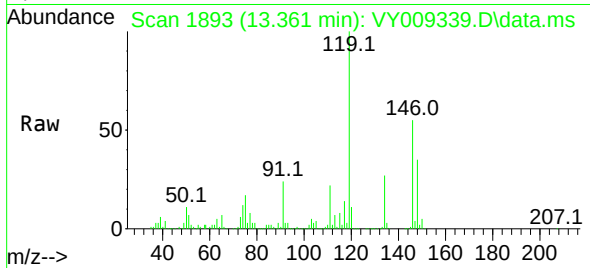




#87  
1,3-Dichlorobenzene  
Concen: 51.085 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

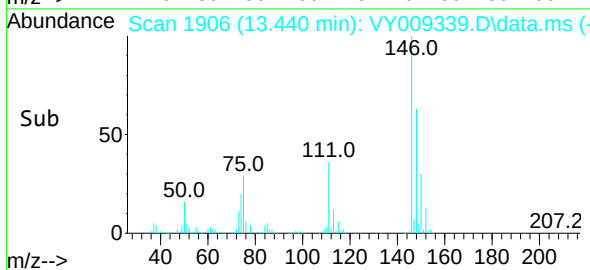
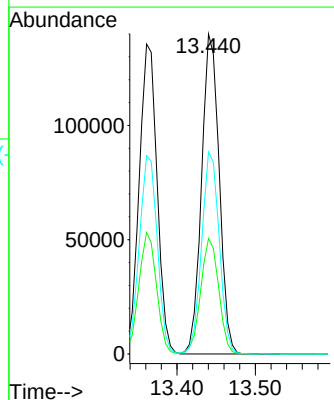
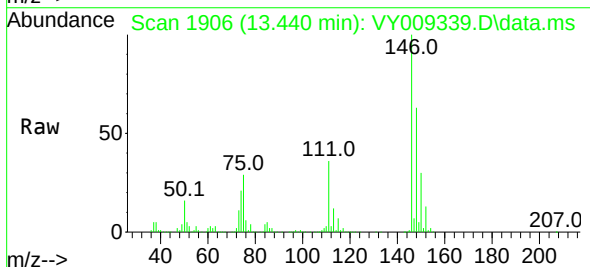
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 215995  
Ion Ratio Lower Upper  
146 100  
111 38.7 19.1 57.3  
148 64.4 31.9 95.5

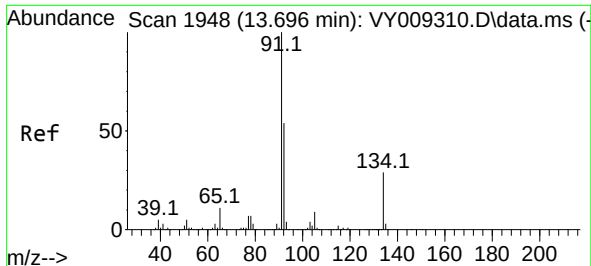


#88  
1,4-Dichlorobenzene  
Concen: 51.240 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion:146 Resp: 218596  
Ion Ratio Lower Upper  
146 100  
111 37.0 18.9 56.9  
148 63.3 31.6 95.0



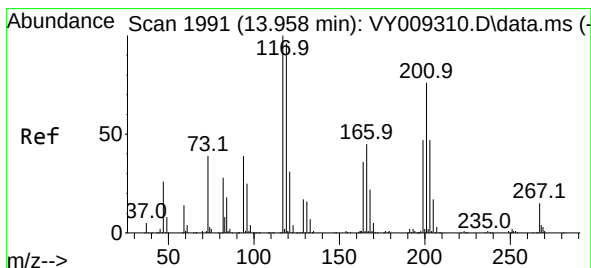
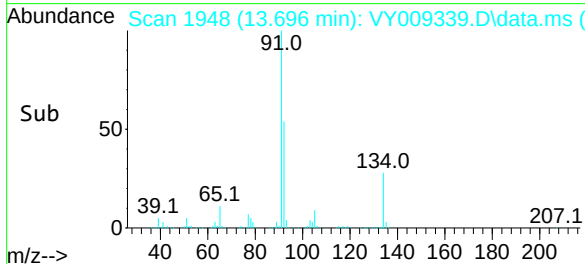
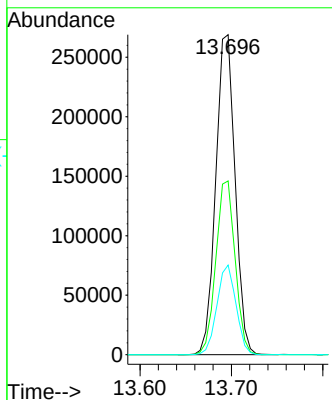
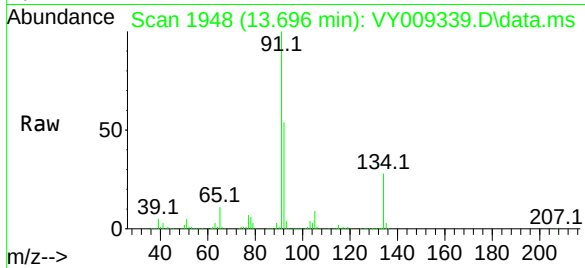




#89  
n-Butylbenzene  
Concen: 52.069 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

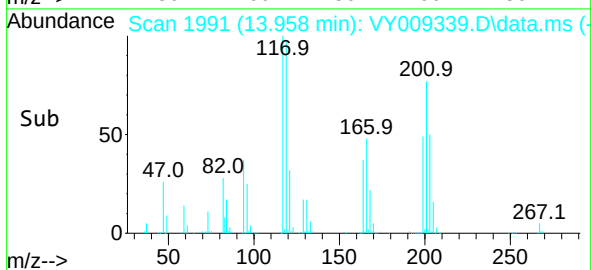
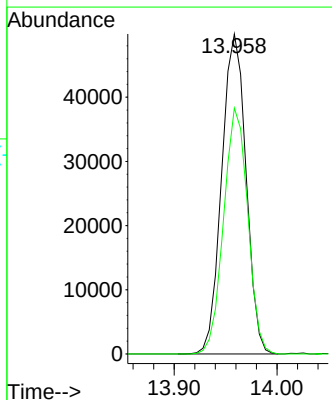
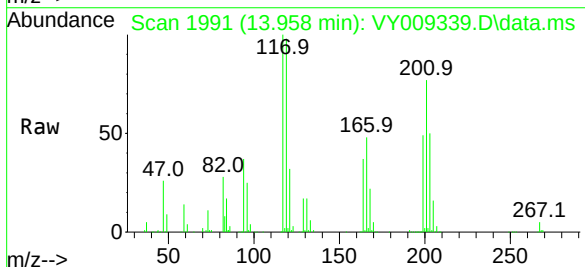
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

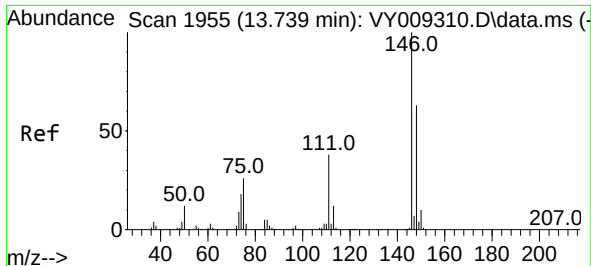
Tgt Ion: 91 Resp: 395788  
Ion Ratio Lower Upper  
91 100  
92 54.1 26.9 80.7  
134 27.6 14.0 41.9



#90  
Hexachloroethane  
Concen: 53.342 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 117 Resp: 81813  
Ion Ratio Lower Upper  
117 100  
201 76.2 38.8 116.3

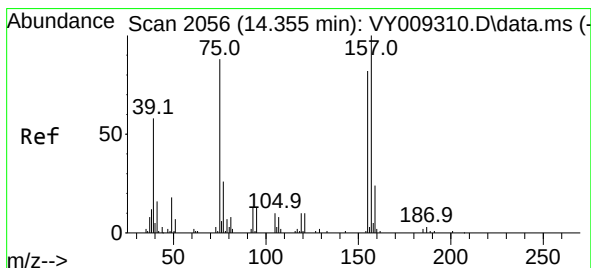
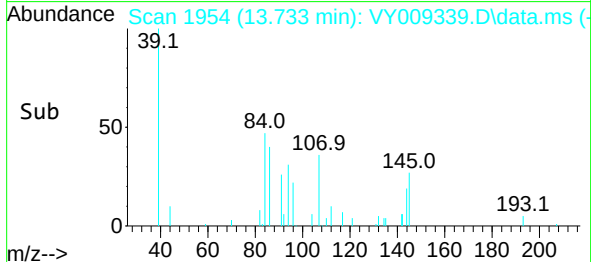
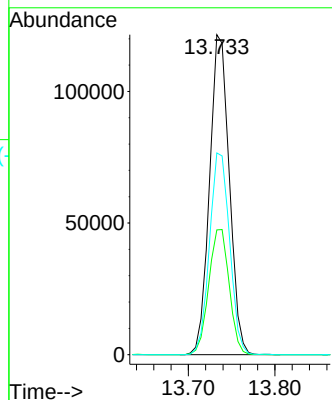
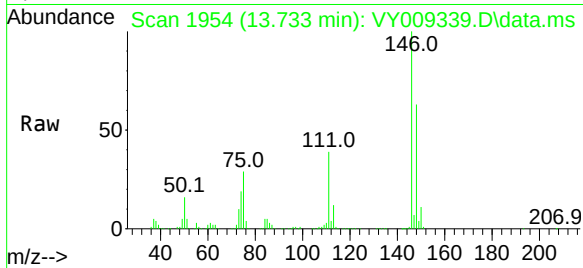




#91  
1,2-Dichlorobenzene  
Concen: 50.672 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

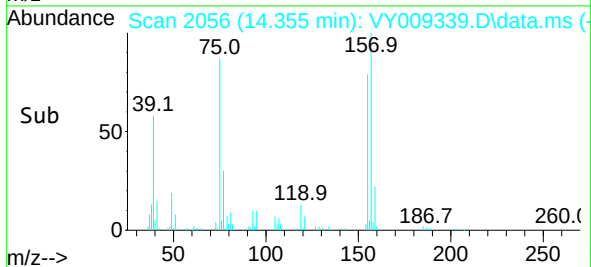
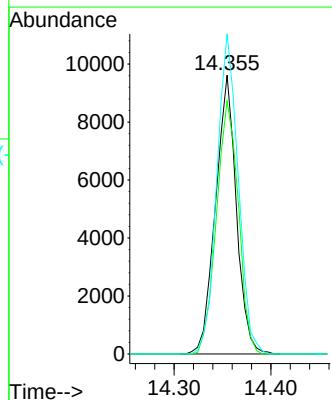
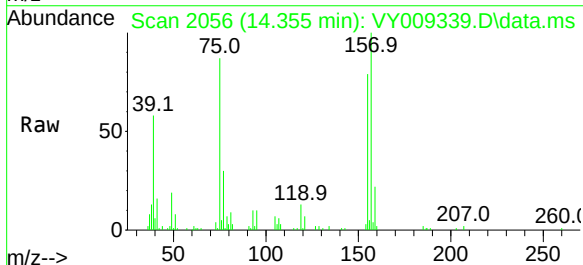
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

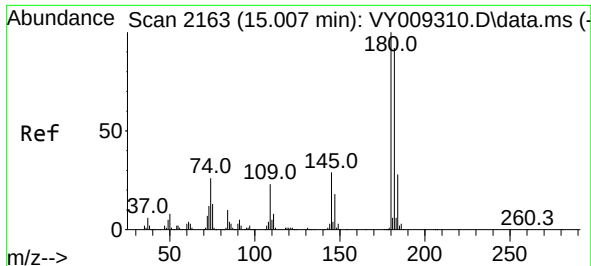
Tgt Ion:146 Resp: 192296  
Ion Ratio Lower Upper  
146 100  
111 40.6 19.7 59.1  
148 64.4 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.211 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion: 75 Resp: 14371  
Ion Ratio Lower Upper  
75 100  
155 95.3 46.4 139.1  
157 117.7 57.6 172.7

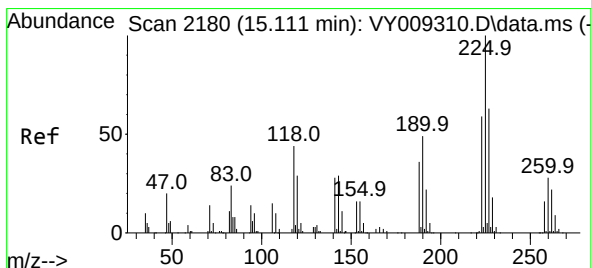
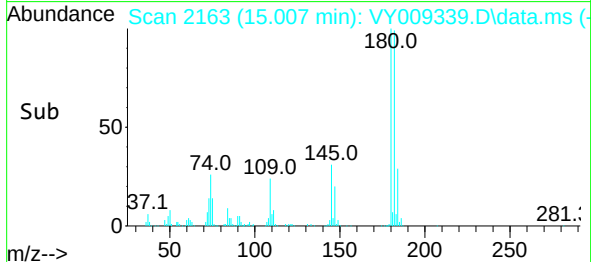
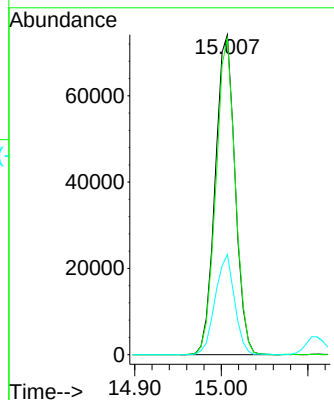
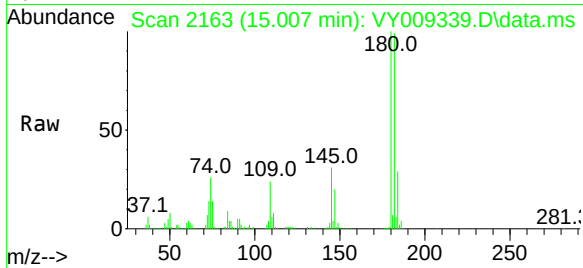




#93  
1,2,4-Trichlorobenzene  
Concen: 51.585 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

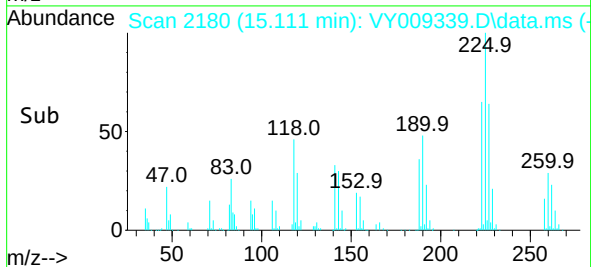
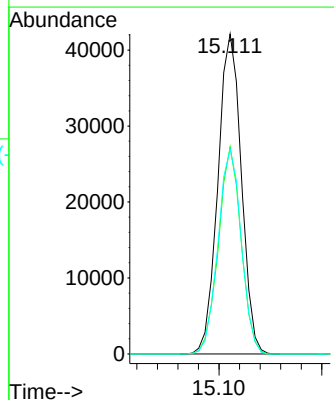
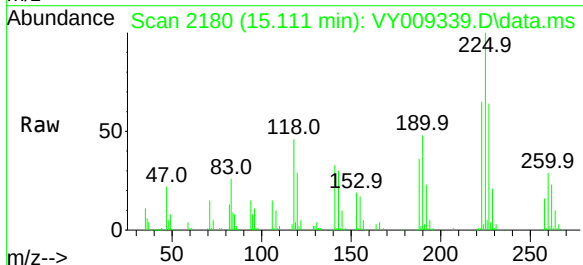
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

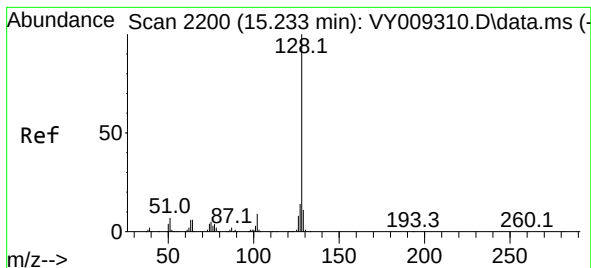
Tgt Ion:180 Resp: 117776  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.3 141.9  
145 30.6 15.1 45.3



#94  
Hexachlorobutadiene  
Concen: 52.710 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY009339.D  
Acq: 27 Jun 2022 11:38

Tgt Ion:225 Resp: 66477  
Ion Ratio Lower Upper  
225 100  
223 62.6 30.8 92.3  
227 63.5 31.9 95.5





#95

Naphthalene

Concen: 53.446 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

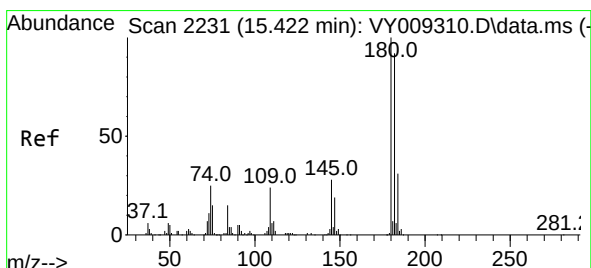
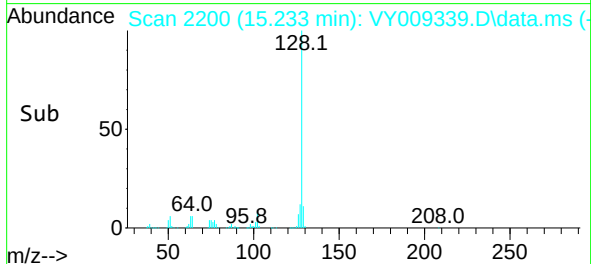
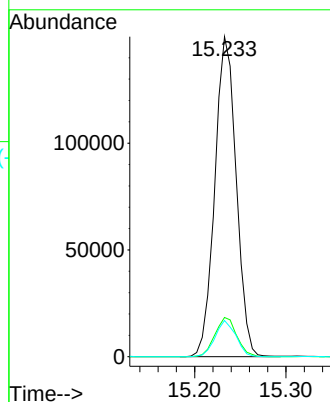
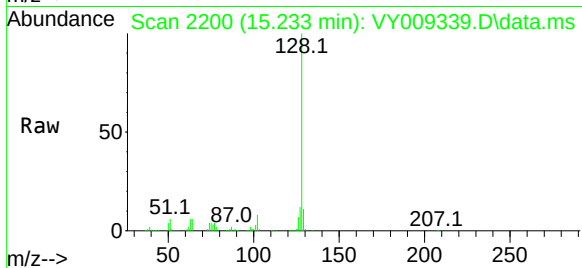
Tgt Ion:128 Resp: 244313

Ion Ratio Lower Upper

128 100

127 12.5 10.6 15.8

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.921 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009339.D

Acq: 27 Jun 2022 11:38

Tgt Ion:180 Resp: 102697

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.0

145 32.3 15.6 46.7

