

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010522\  
 Data File : VY007013.D  
 Acq On : 05 Jan 2022 10:54  
 Operator : SY/MD  
 Sample : VSTDICC005  
 Misc : 5.00g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jan 06 04:27:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 06 04:16:58 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 176684   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 292422   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.495 | 117  | 256368   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.434 | 152  | 113703   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 9681     | 4.889    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 9.780%#  |
| 35) Dibromofluoromethane    | 7.721  | 113   | 9309     | 5.566    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 11.140%# |
| 50) Toluene-d8              | 10.184 | 98    | 35516    | 5.202    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 10.400%# |
| 62) 4-Bromofluorobenzene    | 12.489 | 95    | 13718    | 5.818    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 11.640%# |

|                              |       |     |       |        |        |     |
|------------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds             |       |     |       |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.924 | 85  | 2875  | 1.778  | ug/l   | 94  |
| 3) Chloromethane             | 2.119 | 50  | 9114  | 4.669  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.265 | 62  | 7565  | 3.345  | ug/l   | 95  |
| 5) Bromomethane              | 2.668 | 94  | 6361  | 4.280  | ug/l   | 88  |
| 6) Chloroethane              | 2.808 | 64  | 5438  | 4.096  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.137 | 101 | 10749 | 3.679  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.527 | 74  | 5573  | 5.280  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.917 | 101 | 10431 | 5.991  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.100 | 142 | 16053 | 7.821  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 4737  | 27.592 | ug/l # | 85  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 10910 | 6.140  | ug/l   | 98  |
| 13) Acrolein                 | 3.728 | 56  | 1373  | 14.396 | ug/l # | 81  |
| 14) Allyl chloride           | 4.484 | 41  | 15682 | 4.815  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.167 | 53  | 13069 | 23.676 | ug/l   | 99  |
| 16) Acetone                  | 3.954 | 43  | 11416 | 22.537 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.204 | 76  | 32542 | 5.623  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.484 | 43  | 9133  | 4.956  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 20723 | 4.392  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.722 | 84  | 37039 | 16.234 | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 11675 | 5.963  | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.124 | 45  | 32195 | 5.024  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.063 | 43  | 90973 | 23.457 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 19570 | 5.514  | ug/l   | 95  |
| 25) 2-Butanone               | 6.996 | 43  | 14783 | 20.469 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 17171 | 5.515  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 12359 | 5.653  | ug/l   | 93  |
| 28) Bromochloromethane       | 7.337 | 49  | 6020  | 4.106  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.350 | 42  | 11051 | 23.042 | ug/l   | 97  |
| 30) Chloroform               | 7.514 | 83  | 20266 | 5.667  | ug/l   | 92  |
| 31) Cyclohexane              | 7.795 | 56  | 22544 | 6.089  | ug/l # | 83  |
| 32) 1,1,1-Trichloroethane    | 7.709 | 97  | 18933 | 5.796  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 17174 | 5.675  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.075 | 43  | 7240  | 4.200  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 7.904 | 117 | 17720 | 5.570  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.191 | 83  | 22155 | 5.805  | ug/l   | 94  |
| 40) Benzene                  | 8.167 | 78  | 45072 | 5.302  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010522\  
 Data File : VY007013.D  
 Acq On : 05 Jan 2022 10:54  
 Operator : SY/MD  
 Sample : VSTDICC005  
 Misc : 5.00g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jan 06 04:27:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 06 04:16:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 10479    | 9.523  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 13120    | 4.851  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.276  | 43   | 14483    | 4.392  | ug/l   | 96       |
| 44) Trichloroethene           | 8.941  | 130  | 12416    | 5.569  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 10771    | 5.148  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 6377     | 5.606  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 15648    | 5.397  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.300  | 41   | 6770     | 4.309  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 1340     | 95.622 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 33863    | 19.955 | ug/l   | 99       |
| 52) Toluene                   | 10.245 | 92   | 29122    | 5.489  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 16595    | 5.262  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 18857    | 5.443  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.654 | 97   | 8761     | 5.506  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 11412    | 4.770  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 14533    | 5.084  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 27748    | 24.196 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 22229    | 18.904 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.989 | 129  | 10510    | 5.422  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 8474     | 5.555  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 10281    | 4.941  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 30286    | 5.734  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 10391    | 5.368  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.599 | 91   | 56264    | 5.673  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.709 | 106  | 42652    | 11.319 | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 20346    | 5.730  | ug/l   | 96       |
| 70) Styrene                   | 12.050 | 104  | 33122    | 5.495  | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 5755     | 4.803  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.337 | 105  | 53484    | 6.204  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 12023    | 4.648  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.586 | 83   | 9035     | 5.699  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.641 | 75   | 12428    | 10.460 | ug/l # | 100      |
| 77) Bromobenzene              | 12.617 | 156  | 10994    | 5.499  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.678 | 91   | 65083    | 6.138  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.763 | 91   | 36973    | 6.255  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.818 | 105  | 44519    | 6.194  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 4027     | 6.592  | ug/l # | 93       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 38612    | 6.321  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.080 | 119  | 39132    | 6.323  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 43821    | 6.180  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 57807    | 6.236  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 46812    | 6.022  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 22466    | 5.726  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.452 | 146  | 22375    | 5.759  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.702 | 91   | 45030    | 6.056  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.964 | 117  | 9374     | 6.523  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 19303    | 5.612  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 1924     | 6.458  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 11486    | 5.137  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 6320     | 4.498  | ug/l   | 98       |
| 95) Naphthalene               | 15.245 | 128  | 23043    | 5.057  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.434 | 180  | 9681     | 4.899  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010522\  
Data File : VY007013.D  
Acq On : 05 Jan 2022 10:54  
Operator : SY/MD  
Sample : VSTDICC005  
Misc : 5.00g/10.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

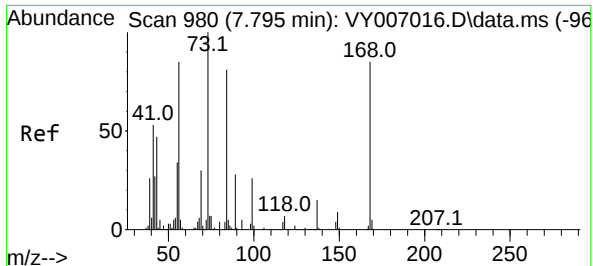
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

Quant Time: Jan 06 04:27:55 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 06 04:16:58 2022  
Response via : Initial Calibration

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

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

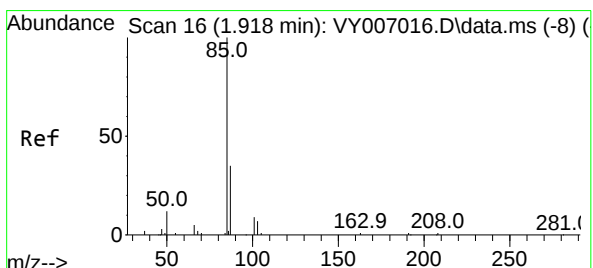
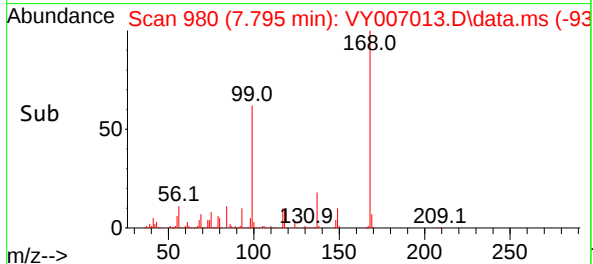
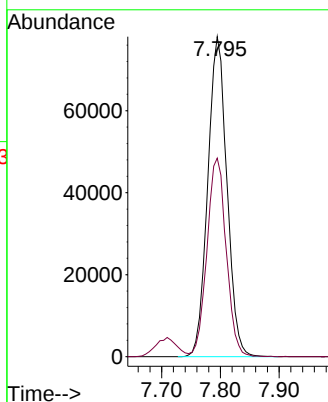
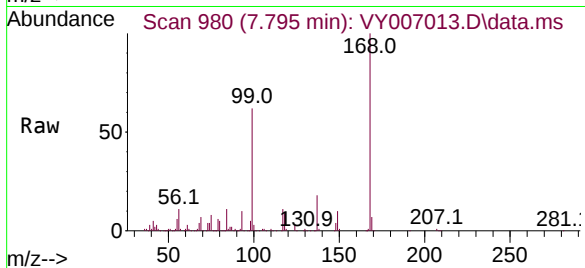




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

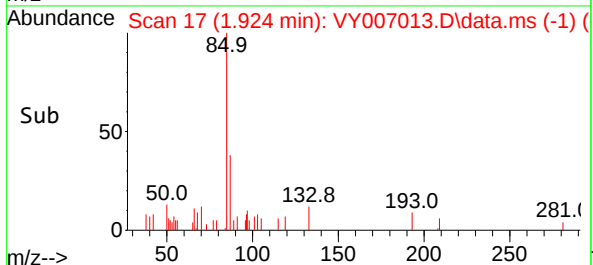
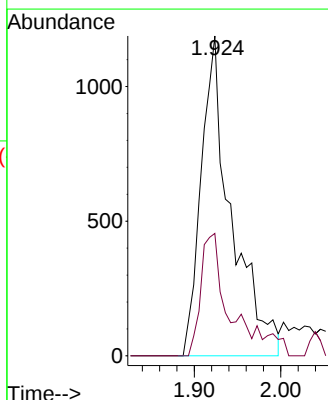
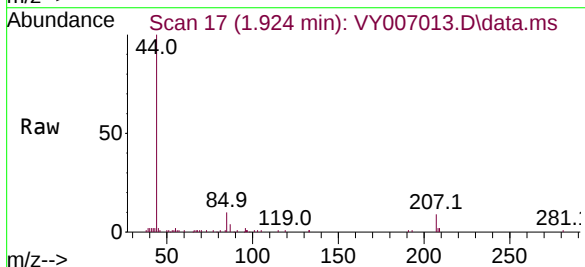
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

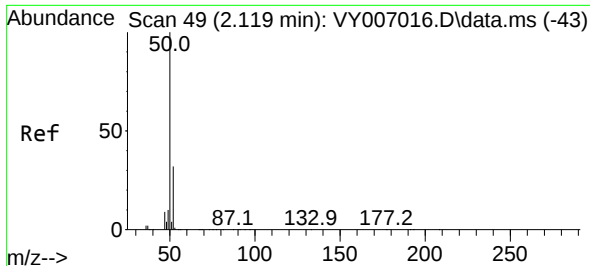
Tgt Ion:168 Resp: 176684  
Ion Ratio Lower Upper  
168 100  
99 62.1 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 1.778 ug/l  
RT: 1.924 min Scan# 17  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 85 Resp: 2875  
Ion Ratio Lower Upper  
85 100  
87 38.3 17.5 52.5

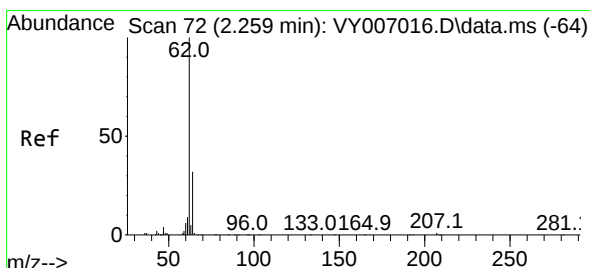
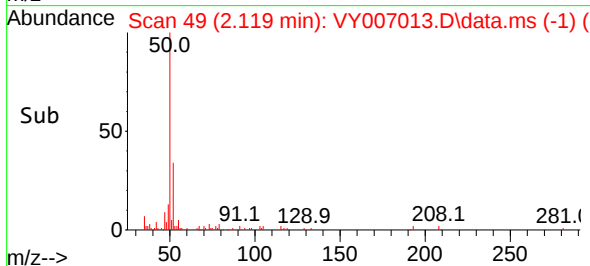
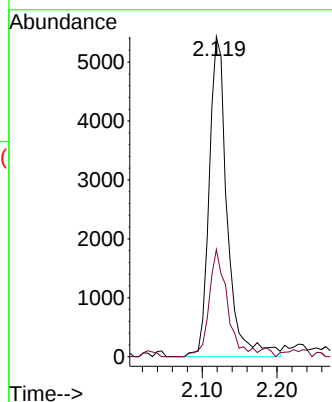
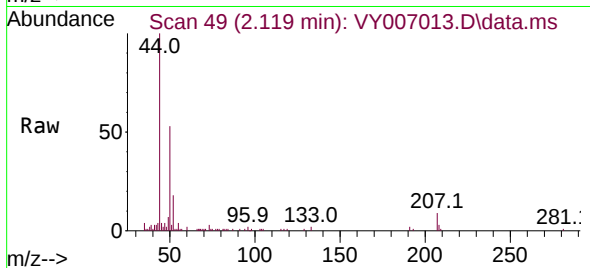




#3  
Chloromethane  
Concen: 4.669 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

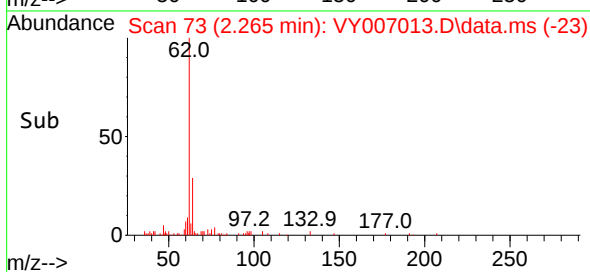
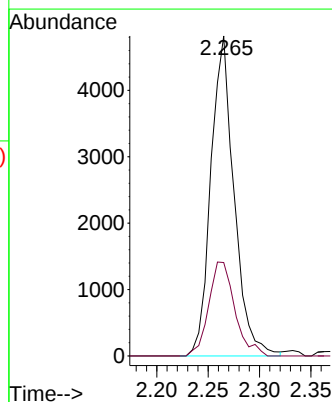
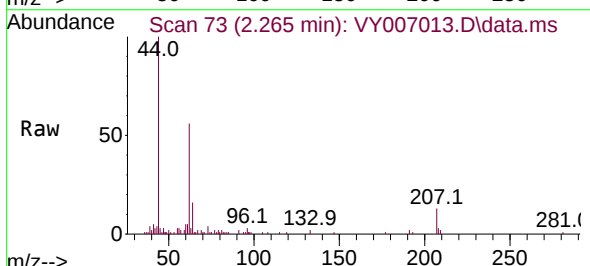
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

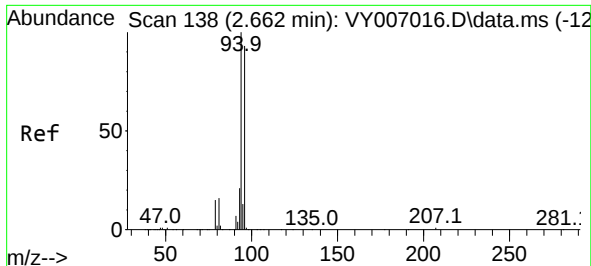
Tgt Ion: 50 Resp: 9114  
Ion Ratio Lower Upper  
50 100  
52 33.5 25.8 38.8



#4  
Vinyl Chloride  
Concen: 3.345 ug/l  
RT: 2.265 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 62 Resp: 7565  
Ion Ratio Lower Upper  
62 100  
64 29.2 25.8 38.6

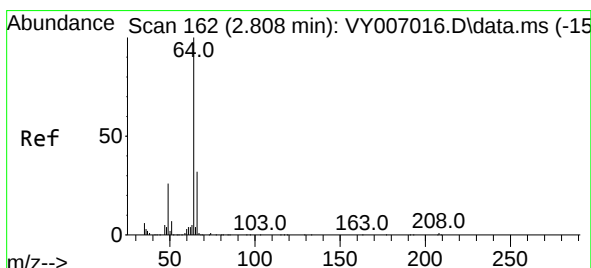
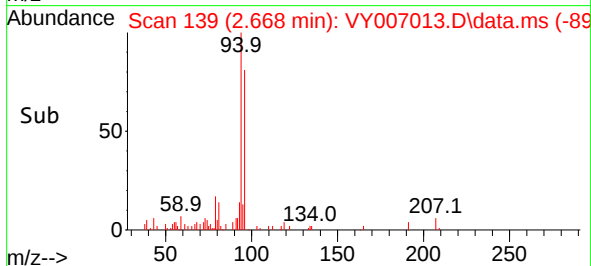
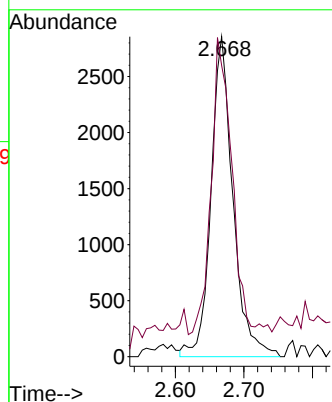
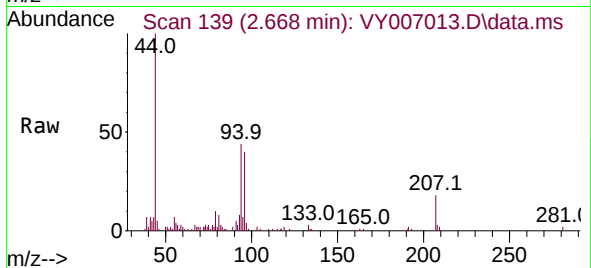




#5  
Bromomethane  
Concen: 4.280 ug/l  
RT: 2.668 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

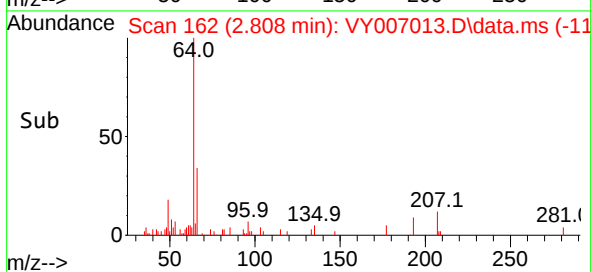
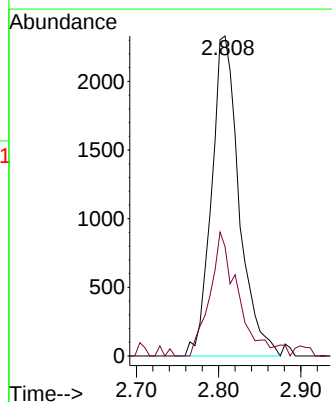
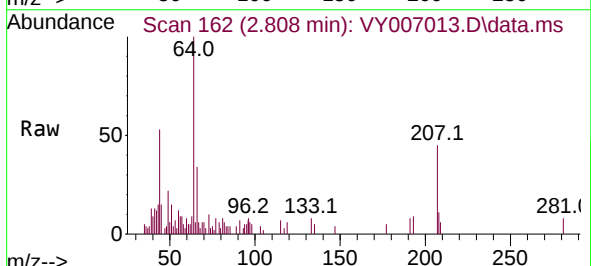
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

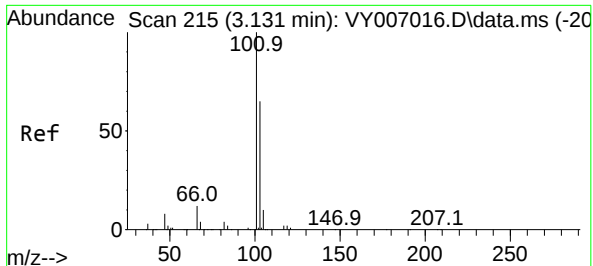
Tgt Ion: 94 Resp: 6361  
Ion Ratio Lower Upper  
94 100  
96 81.1 73.8 110.6



#6  
Chloroethane  
Concen: 4.096 ug/l  
RT: 2.808 min Scan# 162  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 64 Resp: 5438  
Ion Ratio Lower Upper  
64 100  
66 34.2 25.8 38.6

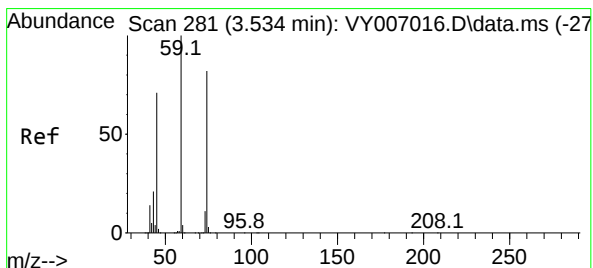
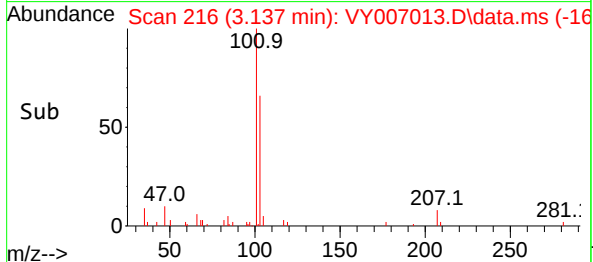
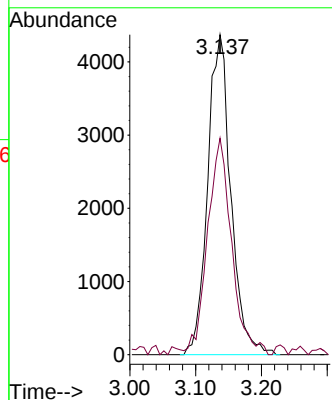
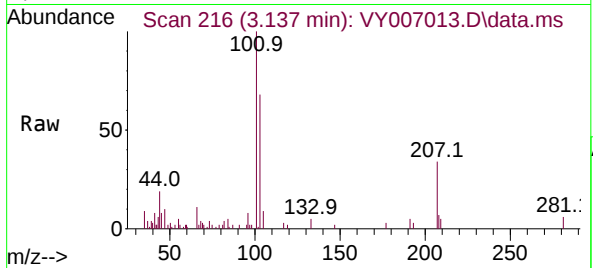




#7  
 Trichlorofluoromethane  
 Concen: 3.679 ug/l  
 RT: 3.137 min Scan# 215  
 Delta R.T. 0.006 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

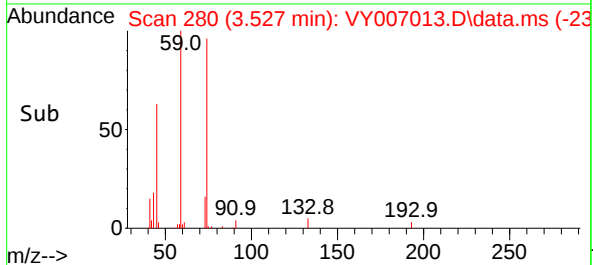
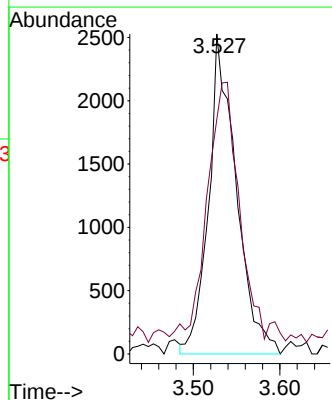
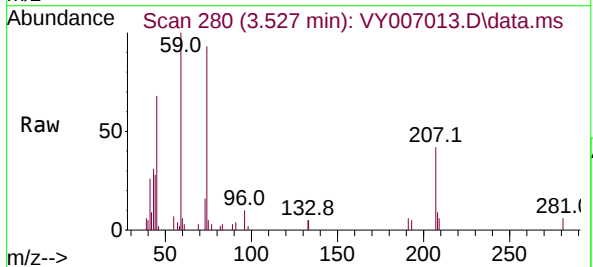
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

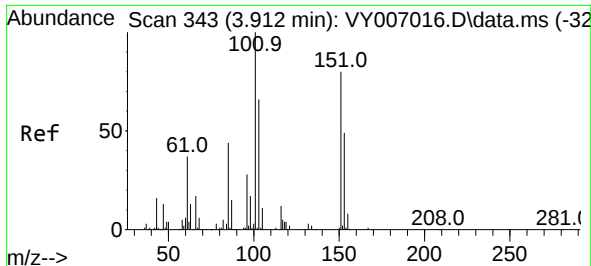
Tgt Ion:101 Resp: 10749  
 Ion Ratio Lower Upper  
 101 100  
 103 66.1 51.7 77.5



#8  
 Diethyl Ether  
 Concen: 5.280 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. -0.006 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

Tgt Ion: 74 Resp: 5573  
 Ion Ratio Lower Upper  
 74 100  
 45 91.8 44.8 134.3

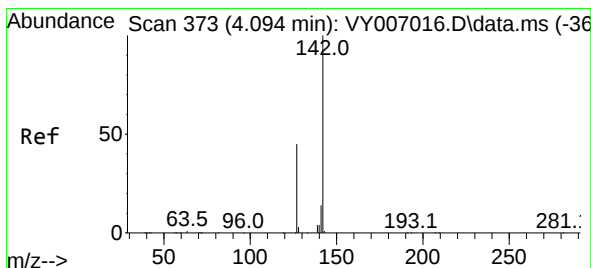
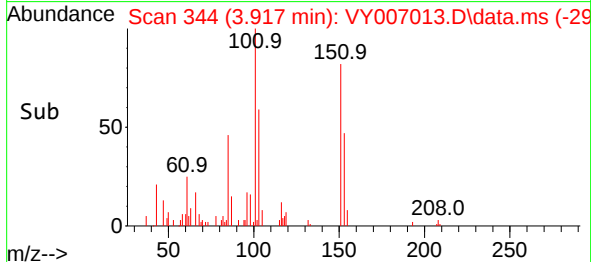
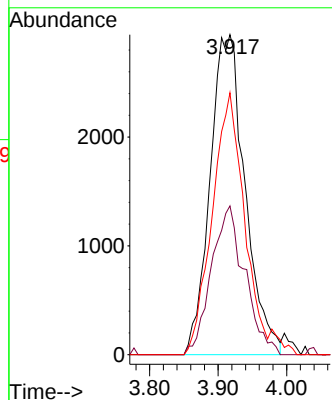
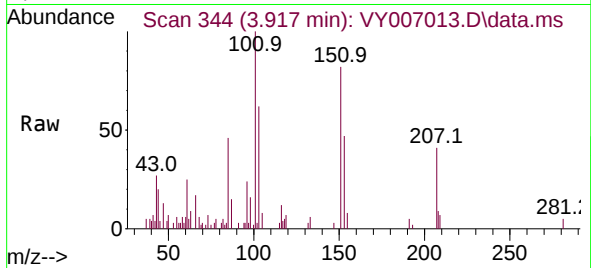




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.991 ug/l  
RT: 3.917 min Scan# 343  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

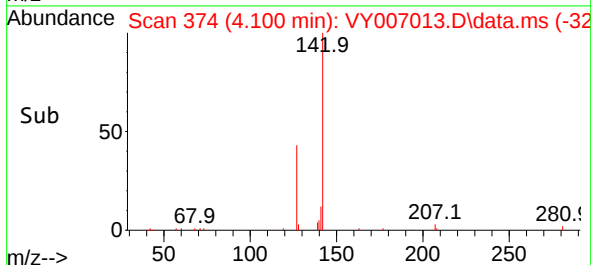
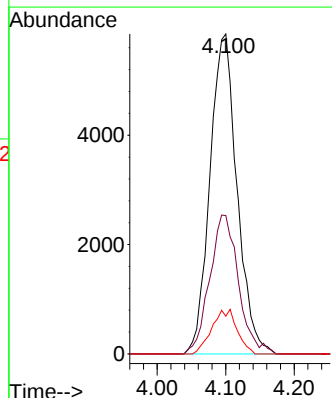
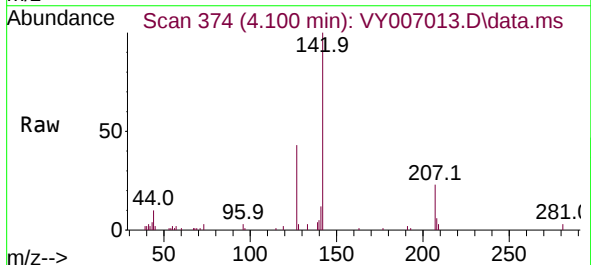
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

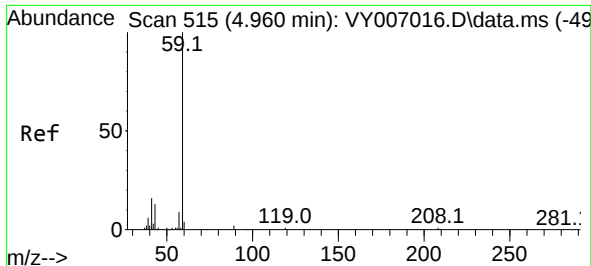
Tgt Ion:101 Resp: 10431  
Ion Ratio Lower Upper  
101 100  
85 44.5 35.4 53.0  
151 74.5 61.8 92.6



#10  
Methyl Iodide  
Concen: 7.821 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion:142 Resp: 16053  
Ion Ratio Lower Upper  
142 100  
127 46.1 36.1 54.1  
141 13.0 11.5 17.3

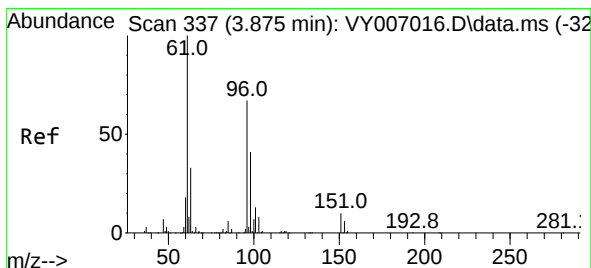
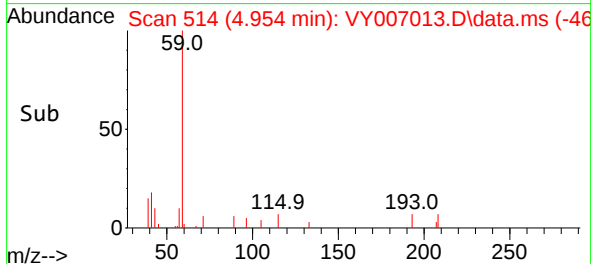
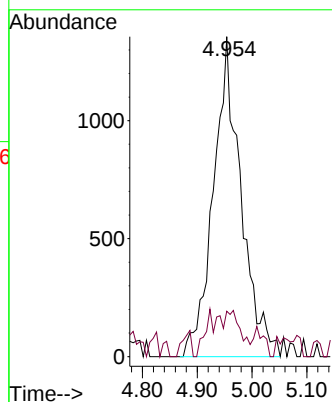
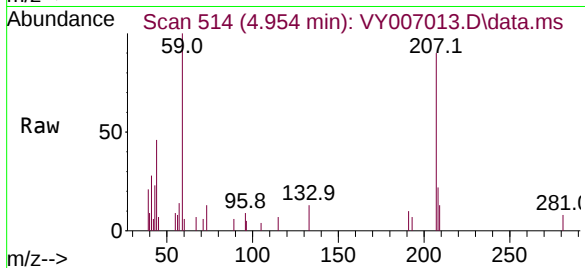




#11  
Tert butyl alcohol  
Concen: 27.592 ug/l  
RT: 4.954 min Scan# 515  
Delta R.T. -0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

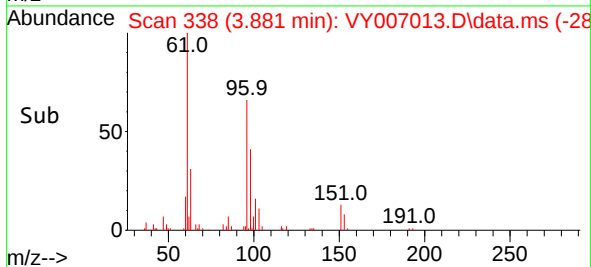
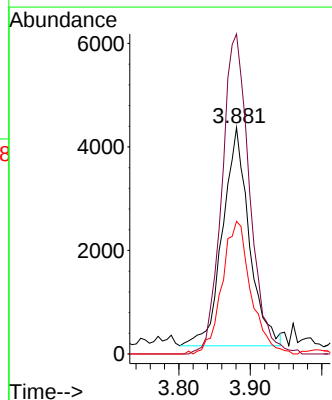
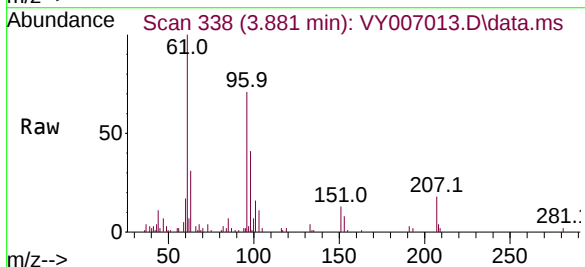
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

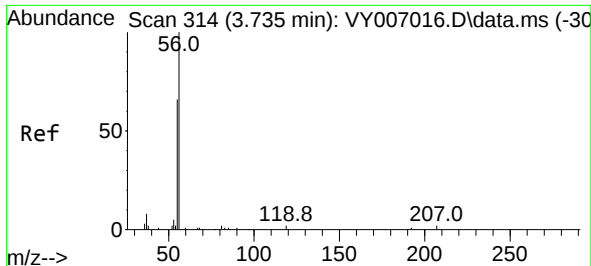
Tgt Ion: 59 Resp: 4737  
Ion Ratio Lower Upper  
59 100  
57 5.5 8.9 13.3#



#12  
1,1-Dichloroethene  
Concen: 6.140 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 96 Resp: 10910  
Ion Ratio Lower Upper  
96 100  
61 146.6 120.2 180.2  
98 60.8 49.0 73.4





#13

Acrolein

Concen: 14.396 ug/l

RT: 3.728 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

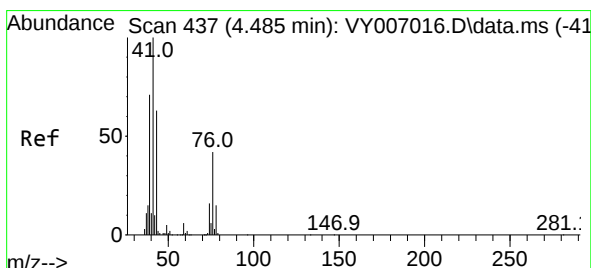
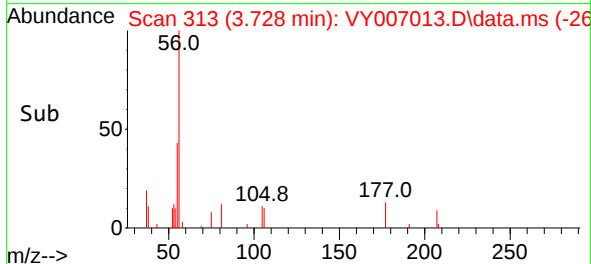
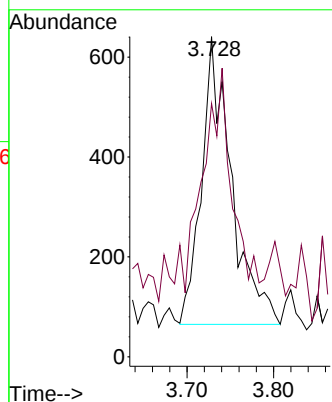
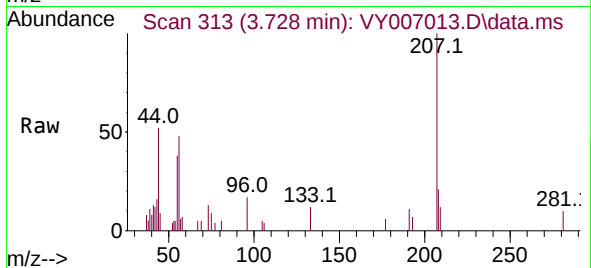
VSTDIC005

Tgt Ion: 56 Resp: 1373

Ion Ratio Lower Upper

56 100

55 83.7 54.6 82.0#



#14

Allyl chloride

Concen: 4.815 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

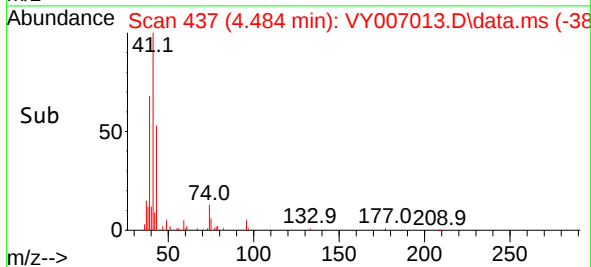
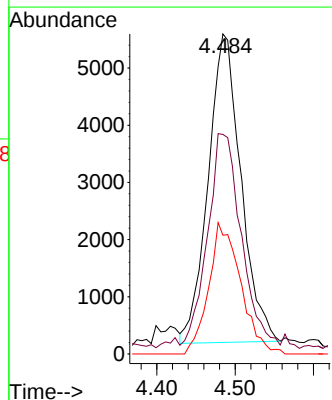
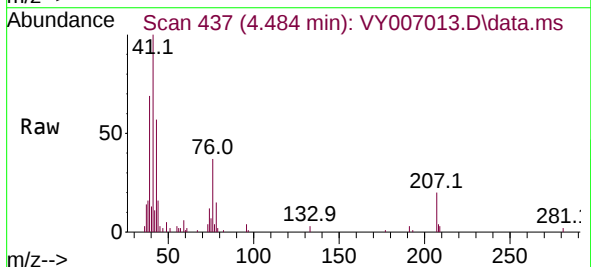
Tgt Ion: 41 Resp: 15682

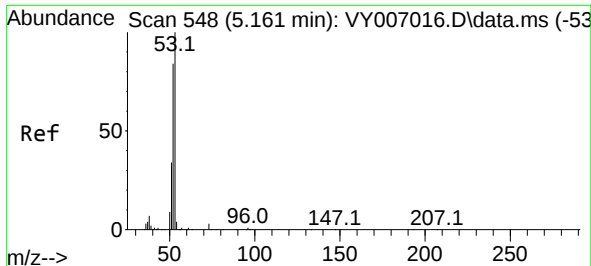
Ion Ratio Lower Upper

41 100

39 72.8 54.3 81.5

76 41.4 31.4 47.0





#15

Acrylonitrile

Concen: 23.676 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC005

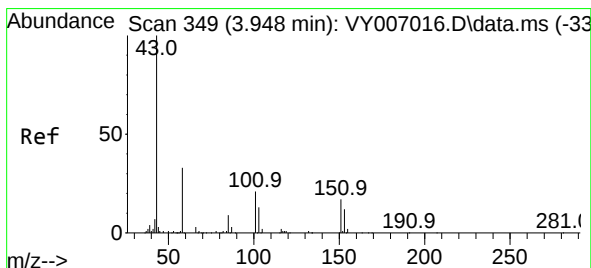
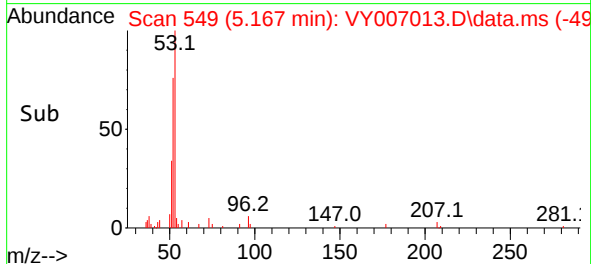
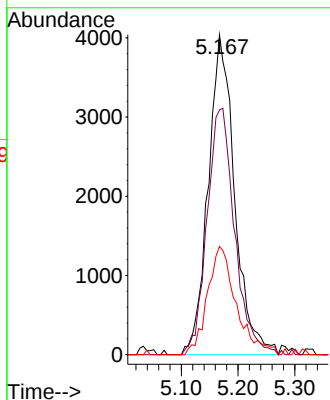
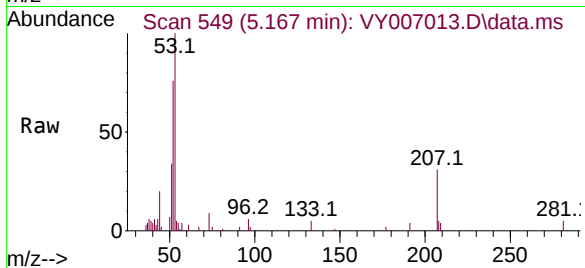
Tgt Ion: 53 Resp: 13069

Ion Ratio Lower Upper

53 100

52 80.6 65.4 98.0

51 36.9 28.7 43.1



#16

Acetone

Concen: 22.537 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007013.D

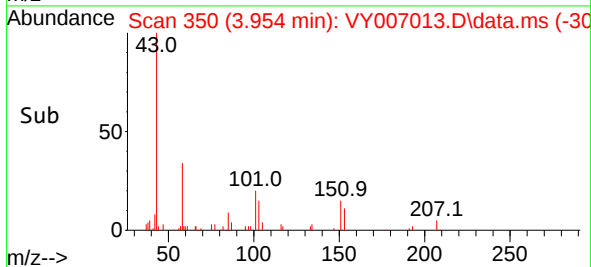
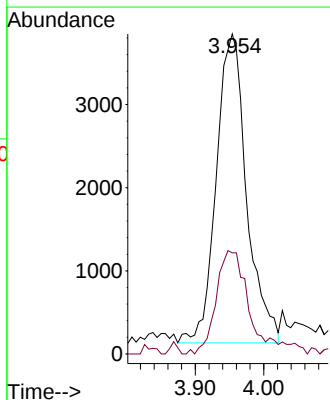
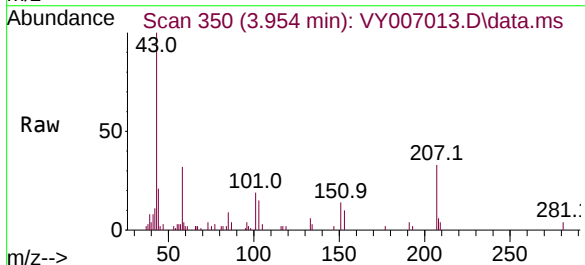
Acq: 05 Jan 2022 10:54

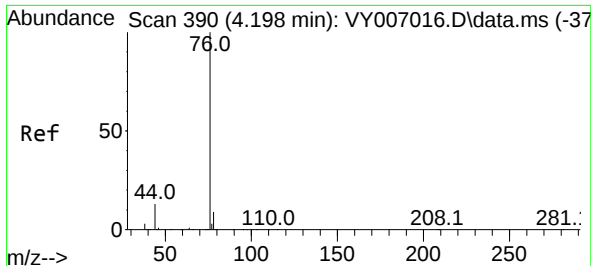
Tgt Ion: 43 Resp: 11416

Ion Ratio Lower Upper

43 100

58 30.8 26.3 39.5

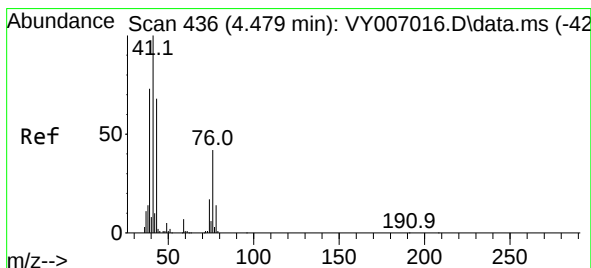
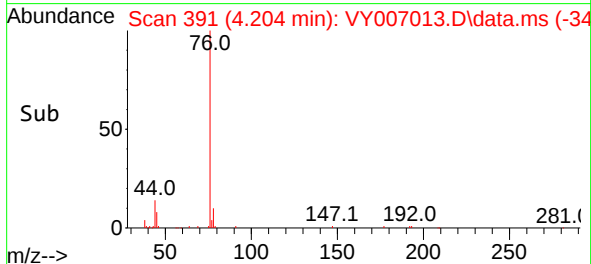
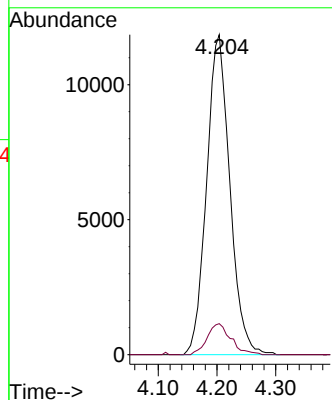
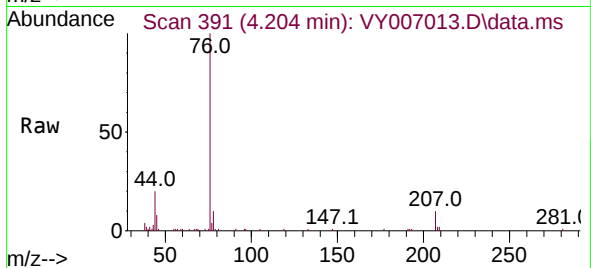




#17  
Carbon Disulfide  
Concen: 5.623 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

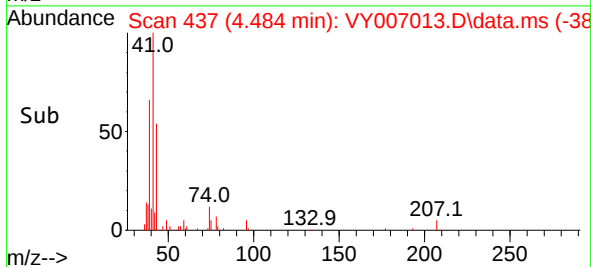
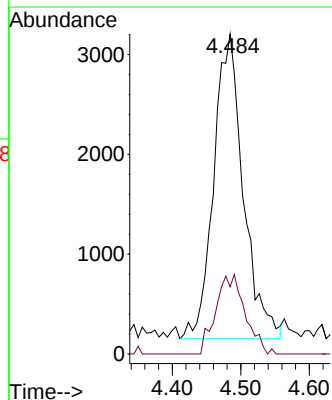
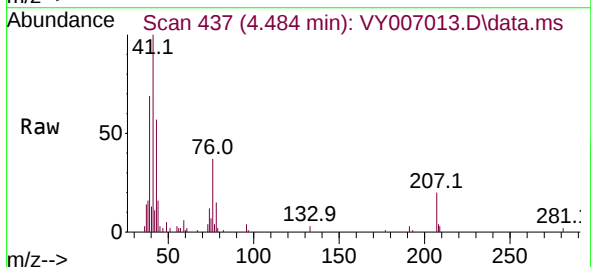
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

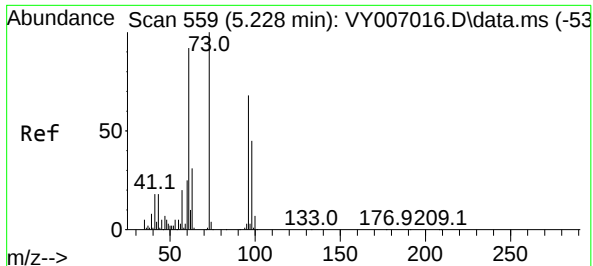
Tgt Ion: 76 Resp: 32542  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.5 11.3



#18  
Methyl Acetate  
Concen: 4.956 ug/l  
RT: 4.484 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 43 Resp: 9133  
Ion Ratio Lower Upper  
43 100  
74 25.8 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 4.392 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

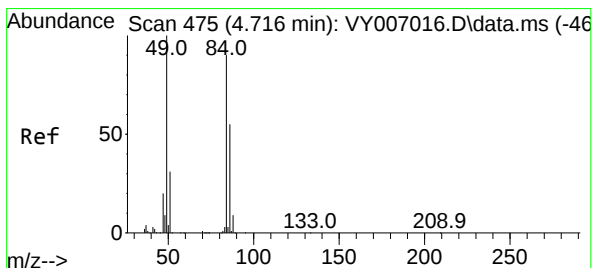
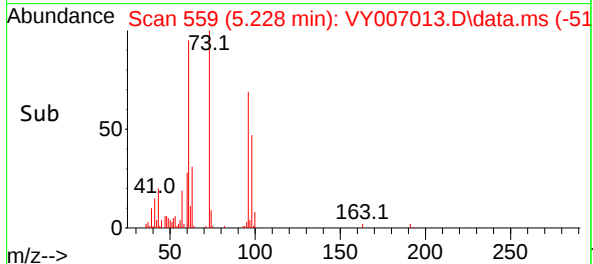
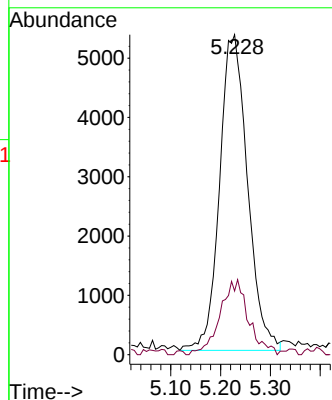
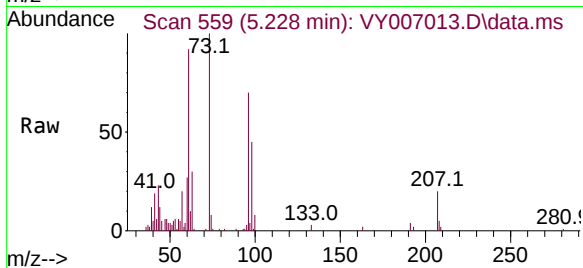
VSTDIC005

Tgt Ion: 73 Resp: 20723

Ion Ratio Lower Upper

73 100

57 19.1 16.2 24.2



#20

Methylene Chloride

Concen: 16.234 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Tgt Ion: 84 Resp: 37039

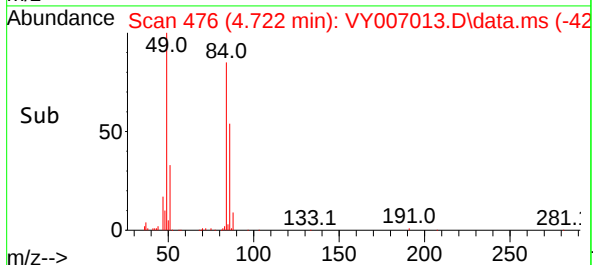
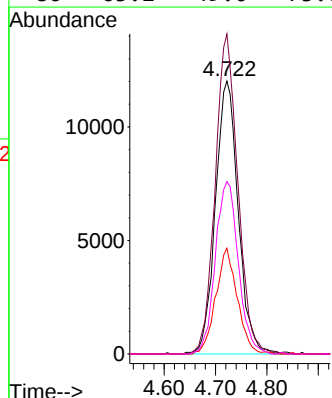
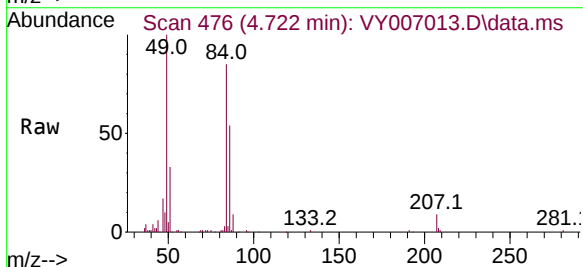
Ion Ratio Lower Upper

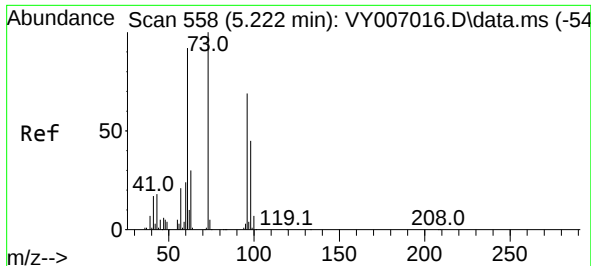
84 100

49 117.3 89.4 134.0

51 38.8 27.7 41.5

86 63.2 49.0 73.6

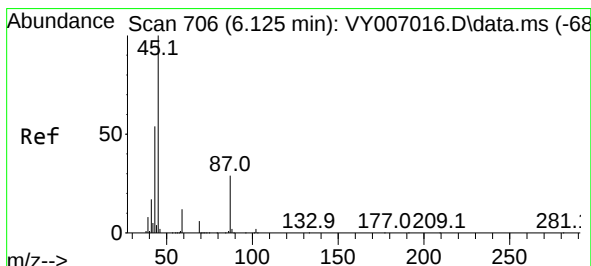
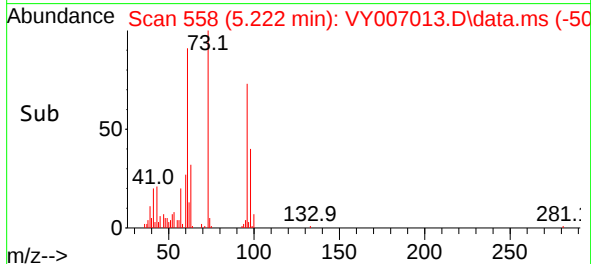
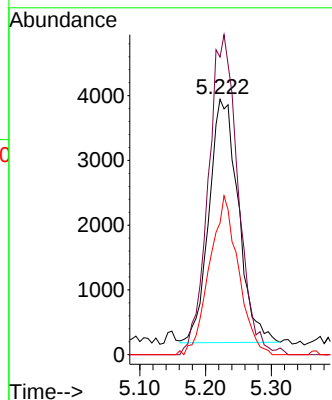
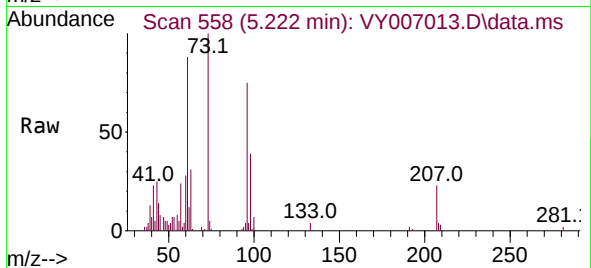




#21  
trans-1,2-Dichloroethene  
Concen: 5.963 ug/l  
RT: 5.222 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

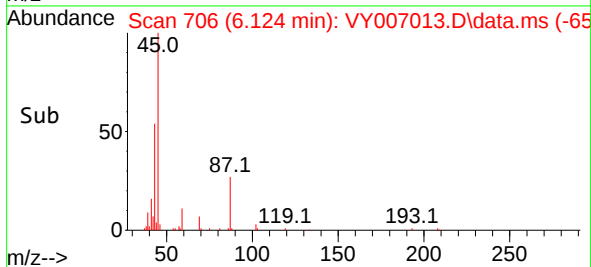
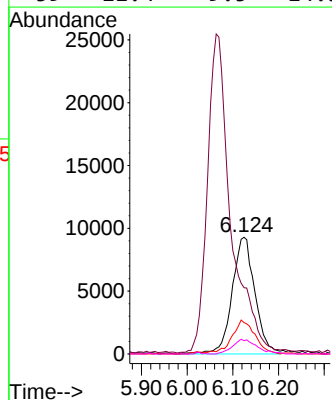
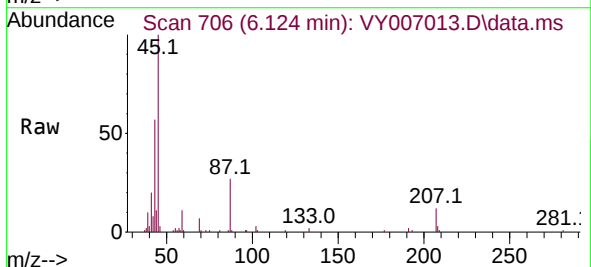
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

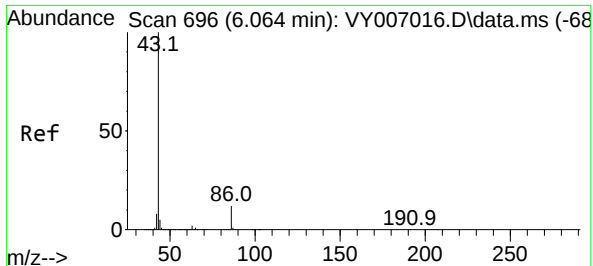
Tgt Ion: 96 Resp: 11675  
Ion Ratio Lower Upper  
96 100  
61 122.5 107.0 160.6  
98 54.2 52.6 79.0



#22  
Diisopropyl ether  
Concen: 5.024 ug/l  
RT: 6.124 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 45 Resp: 32195  
Ion Ratio Lower Upper  
45 100  
43 55.3 43.6 65.4  
87 26.9 23.6 35.4  
59 11.4 9.5 14.3

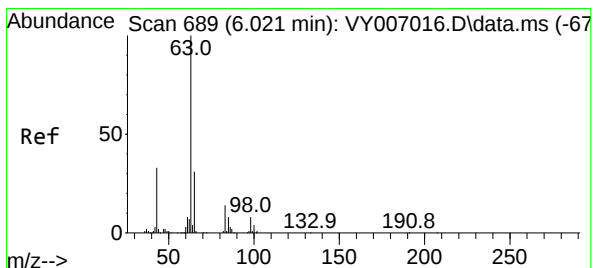
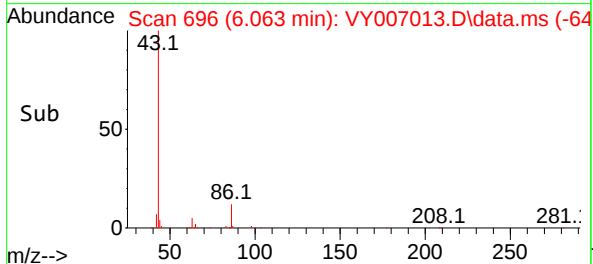
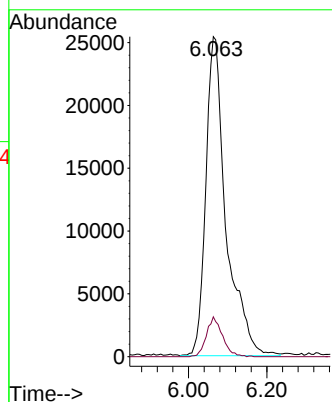
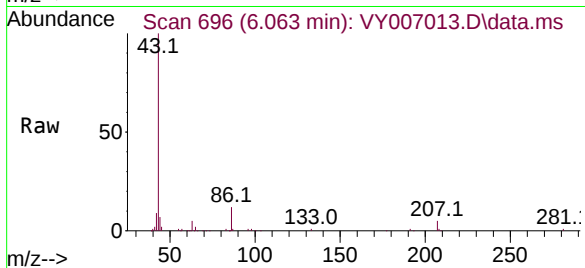




#23  
 Vinyl Acetate  
 Concen: 23.457 ug/l  
 RT: 6.063 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

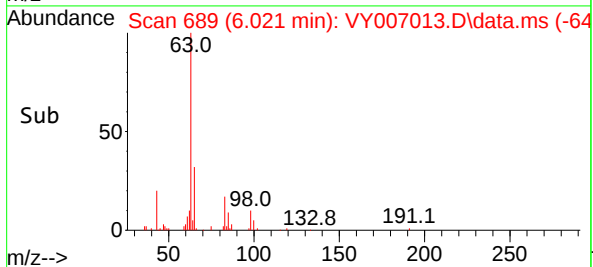
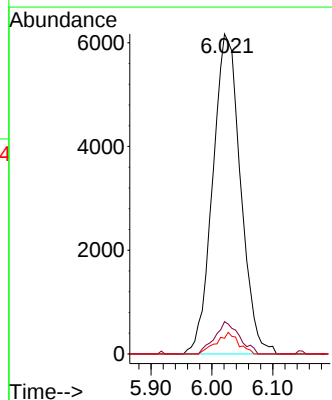
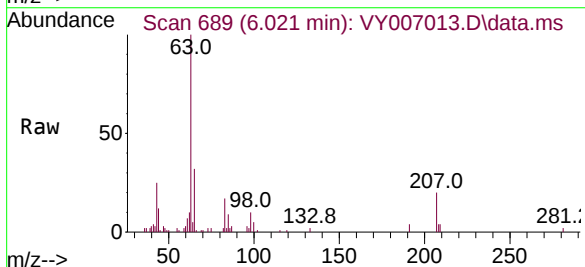
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

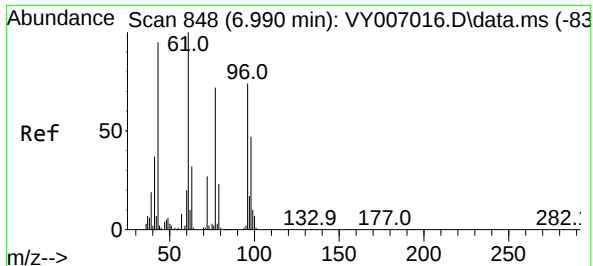
Tgt Ion: 43 Resp: 90973  
 Ion Ratio Lower Upper  
 43 100  
 86 12.5 9.4 14.0



#24  
 1,1-Dichloroethane  
 Concen: 5.514 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

Tgt Ion: 63 Resp: 19570  
 Ion Ratio Lower Upper  
 63 100  
 98 10.1 3.8 11.4  
 100 4.9 2.3 6.8

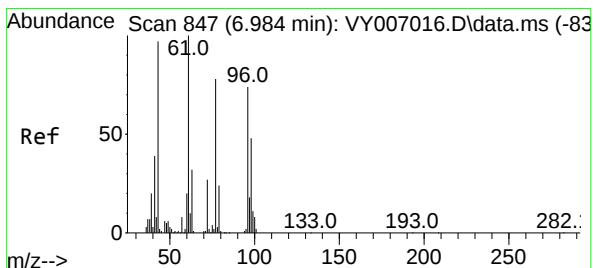
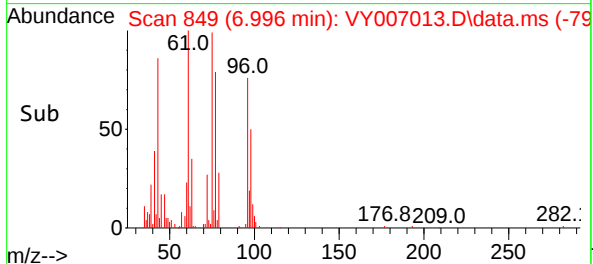
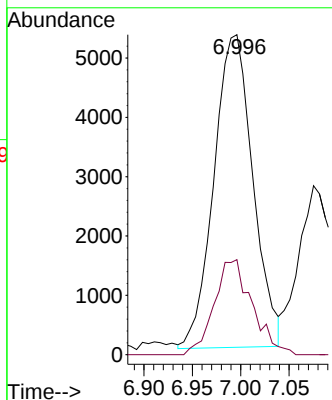
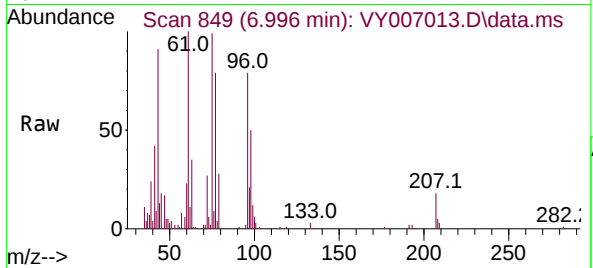




#25  
2-Butanone  
Concen: 20.469 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

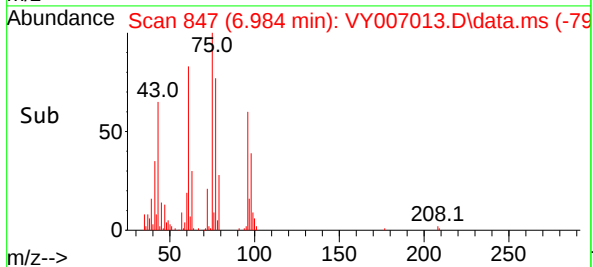
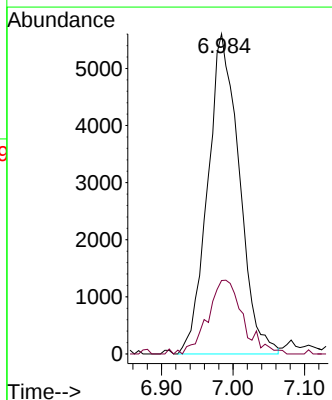
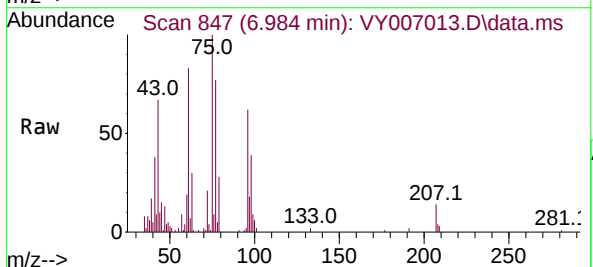
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

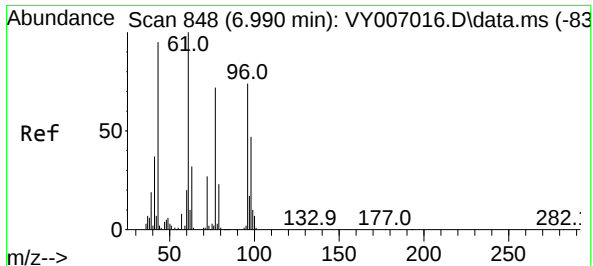
Tgt Ion: 43 Resp: 14783  
Ion Ratio Lower Upper  
43 100  
72 30.6 22.6 34.0



#26  
2,2-Dichloropropane  
Concen: 5.515 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 77 Resp: 17171  
Ion Ratio Lower Upper  
77 100  
97 25.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 5.653 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC005

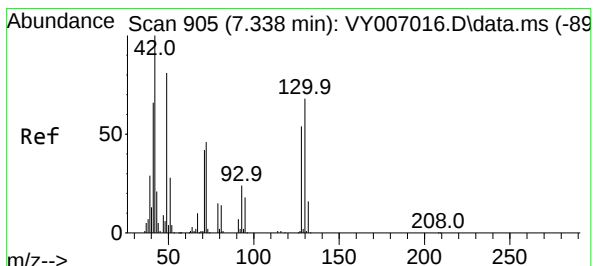
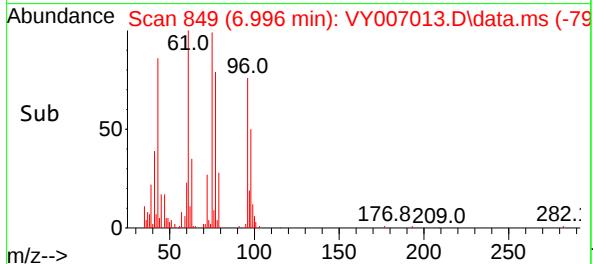
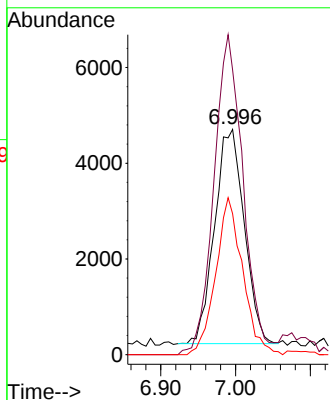
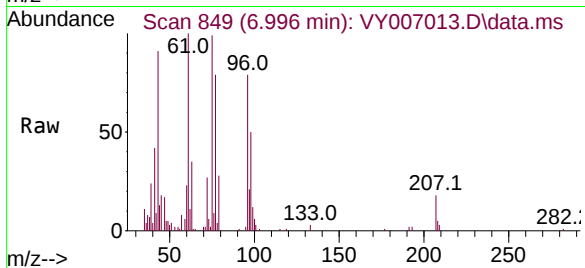
Tgt Ion: 96 Resp: 12359

Ion Ratio Lower Upper

96 100

61 146.8 0.0 269.8

98 66.6 0.0 130.2



#28

Bromochloromethane

Concen: 4.106 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

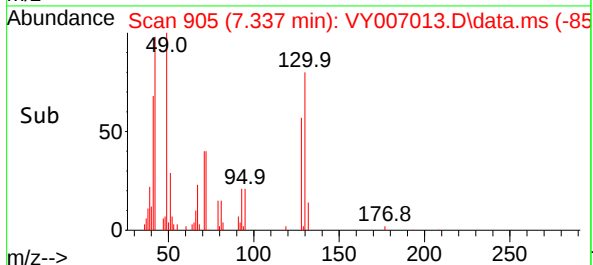
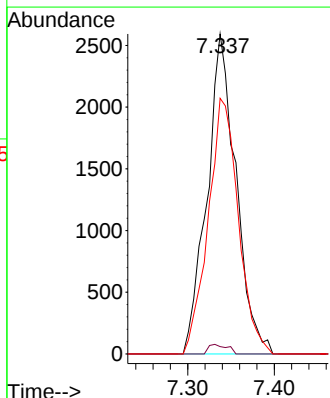
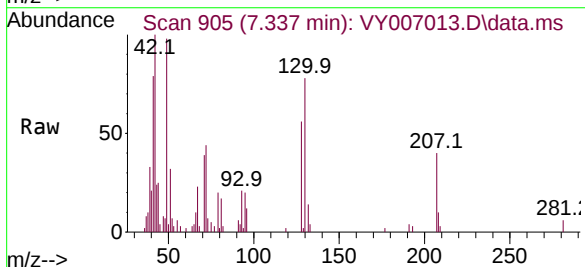
Tgt Ion: 49 Resp: 6020

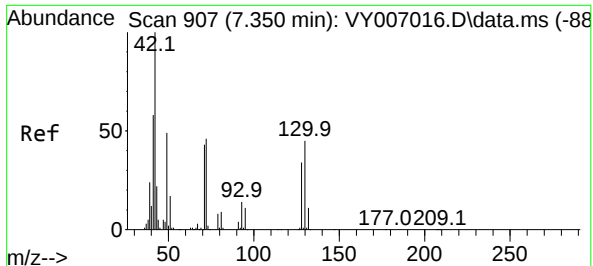
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 83.1 66.2 99.4





#29

Tetrahydrofuran

Concen: 23.042 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC005

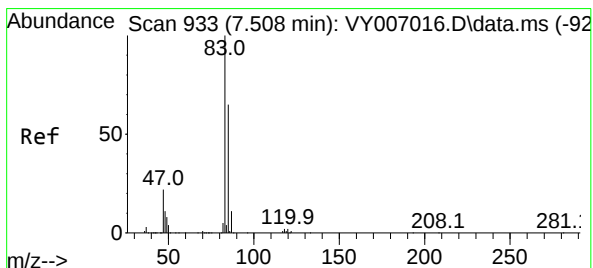
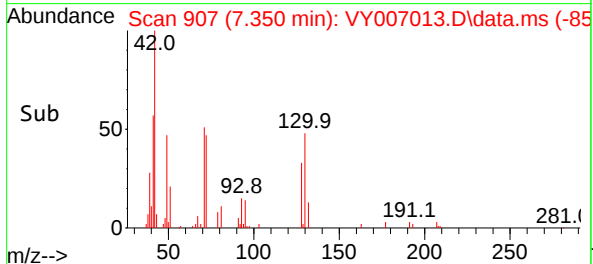
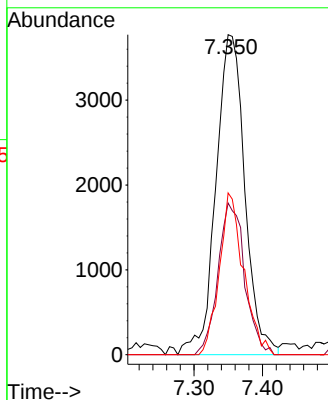
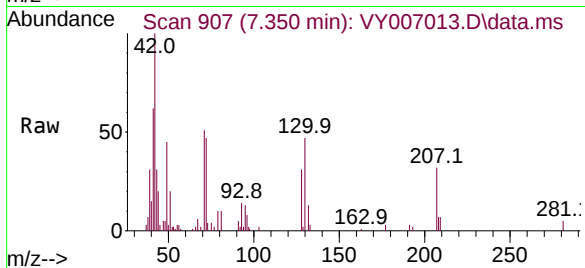
Tgt Ion: 42 Resp: 11051

Ion Ratio Lower Upper

42 100

72 43.6 37.1 55.7

71 42.3 34.6 52.0



#30

Chloroform

Concen: 5.667 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY007013.D

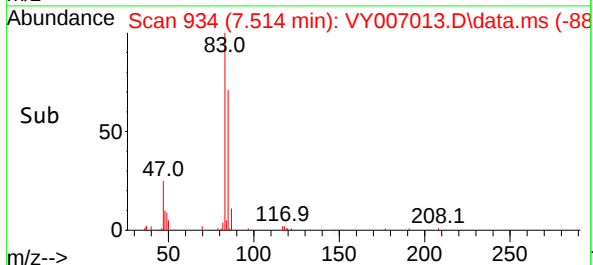
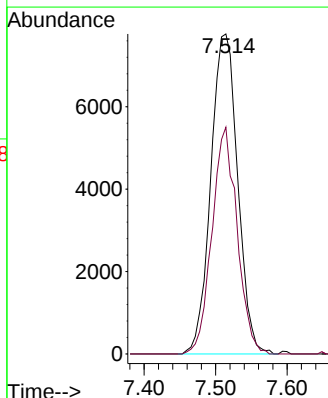
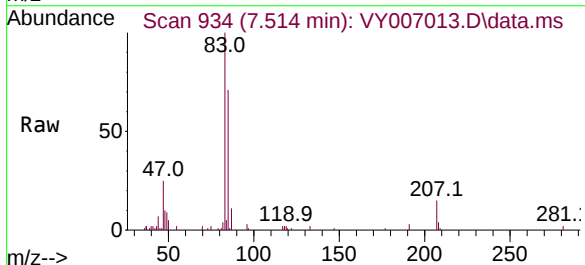
Acq: 05 Jan 2022 10:54

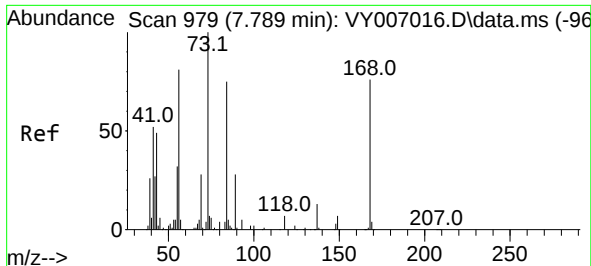
Tgt Ion: 83 Resp: 20266

Ion Ratio Lower Upper

83 100

85 70.8 51.9 77.9

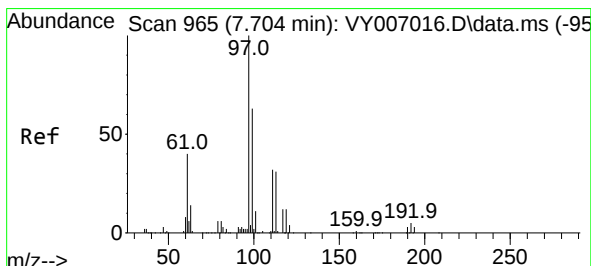
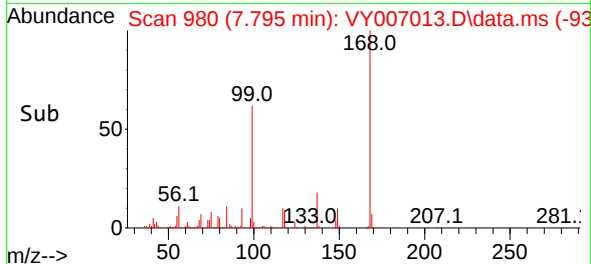
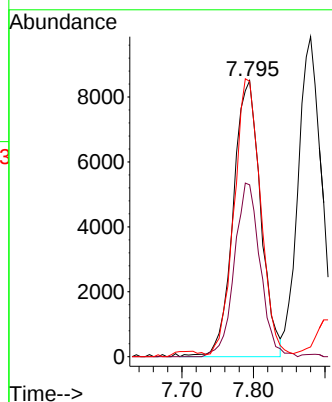
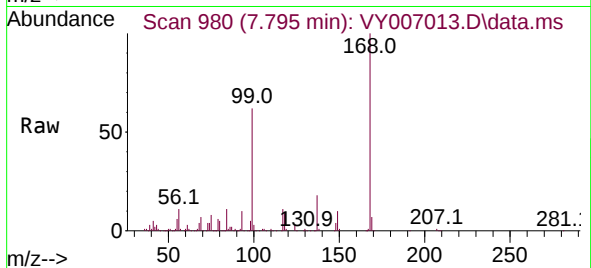




#31  
Cyclohexane  
Concen: 6.089 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

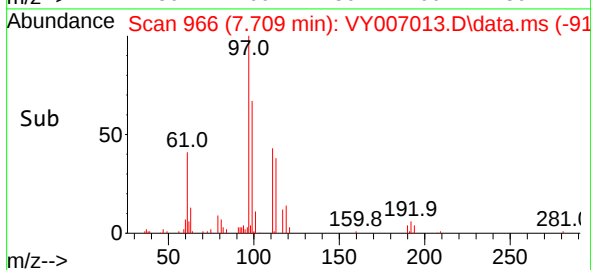
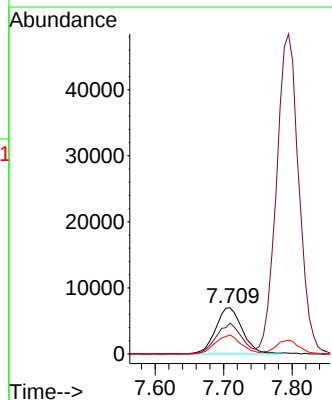
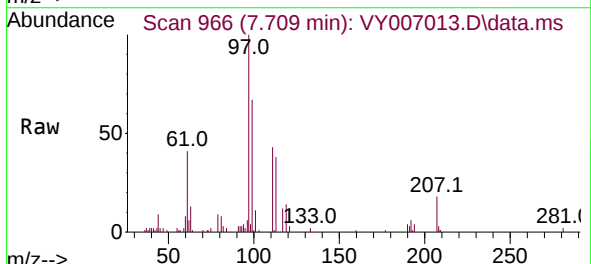
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

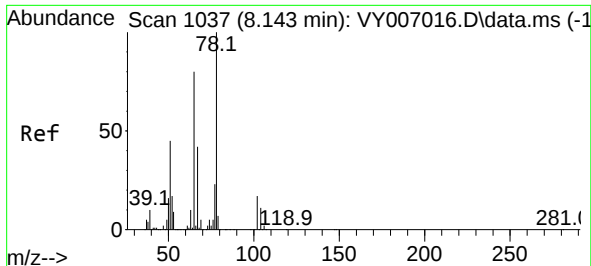
Tgt Ion: 56 Resp: 22544  
Ion Ratio Lower Upper  
56 100  
69 62.2 27.8 41.6#  
84 98.0 74.1 111.1



#32  
1,1,1-Trichloroethane  
Concen: 5.796 ug/l  
RT: 7.709 min Scan# 966  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 97 Resp: 18933  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.6 76.0  
61 39.8 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 4.889 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

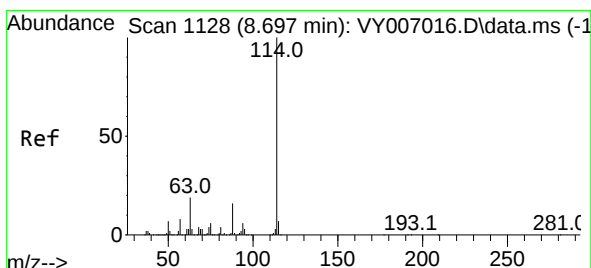
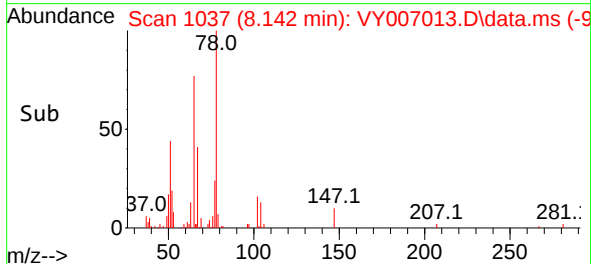
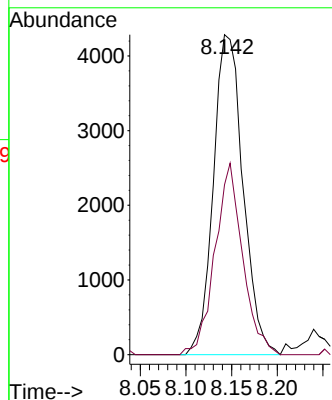
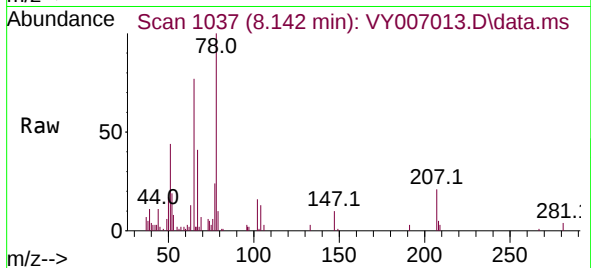
VSTDICC005

Tgt Ion: 65 Resp: 9681

Ion Ratio Lower Upper

65 100

67 55.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

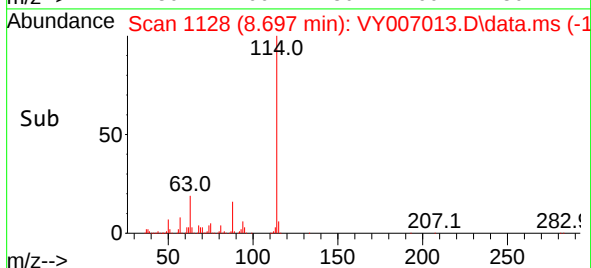
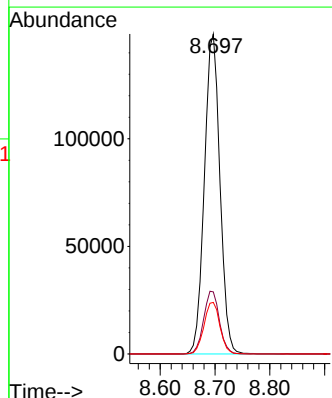
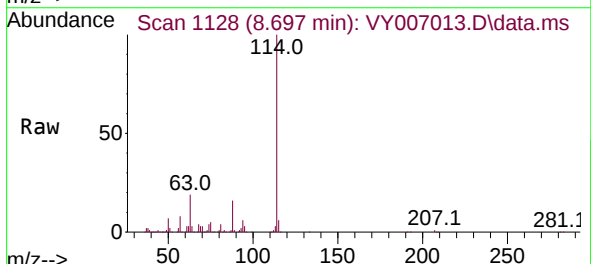
Tgt Ion: 114 Resp: 292422

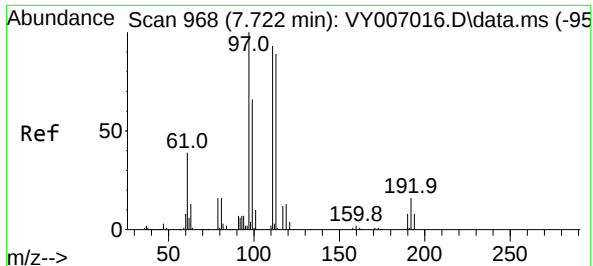
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.566 ug/l

RT: 7.721 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

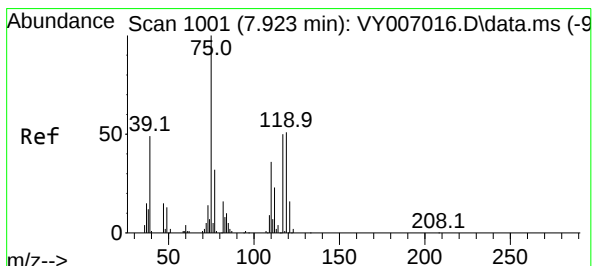
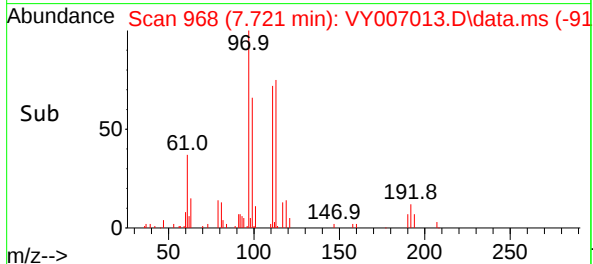
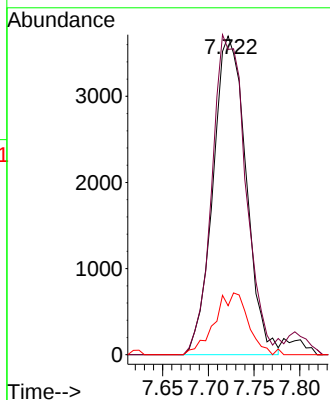
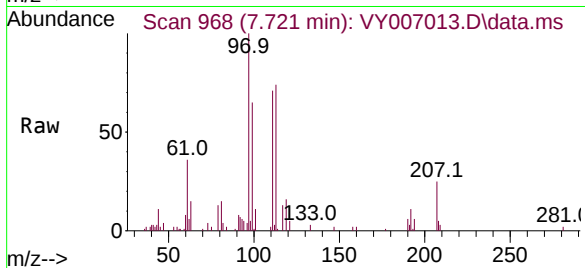
Tgt Ion:113 Resp: 9309

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 19.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.675 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

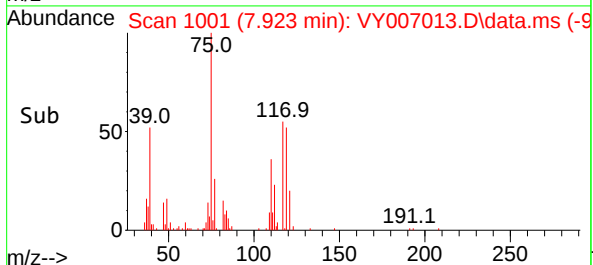
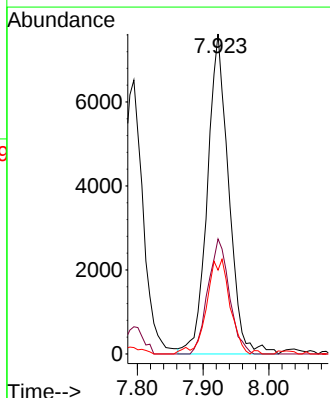
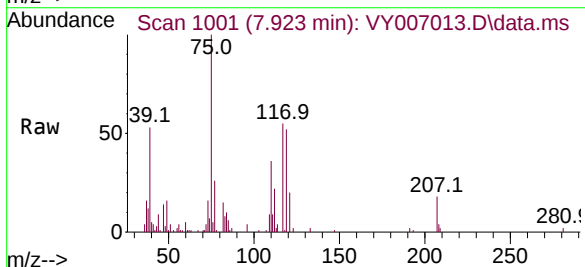
Tgt Ion: 75 Resp: 17174

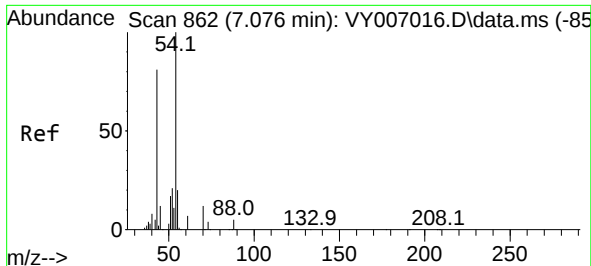
Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

77 32.2 25.4 38.2





#37

Ethyl Acetate

Concen: 4.200 ug/l

RT: 7.075 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

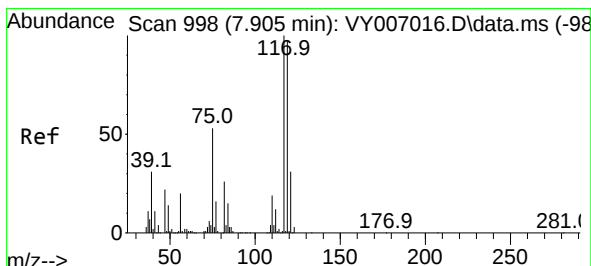
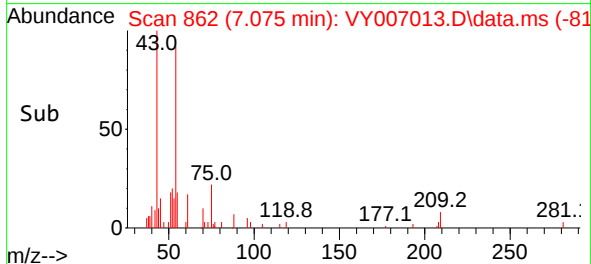
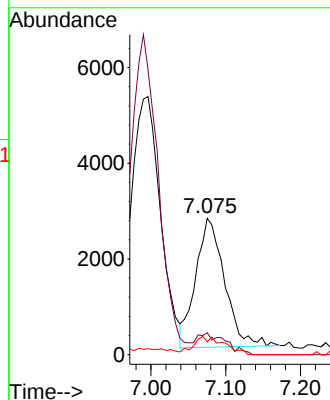
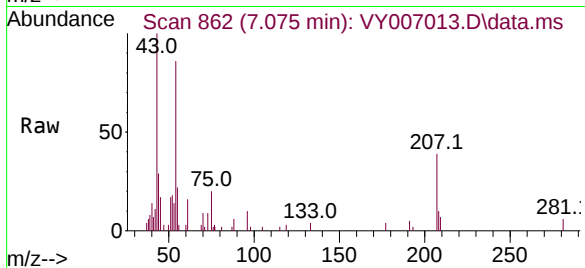
MSVOA\_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 7240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 17.4  | 12.2  | 18.2  |
| 70  | 14.8  | 9.4   | 14.2  |



#38

Carbon Tetrachloride

Concen: 5.570 ug/l

RT: 7.904 min Scan# 998

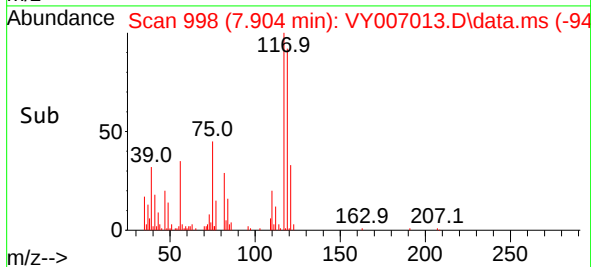
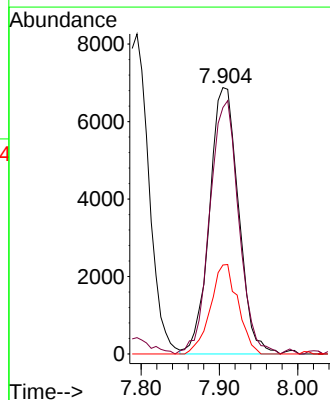
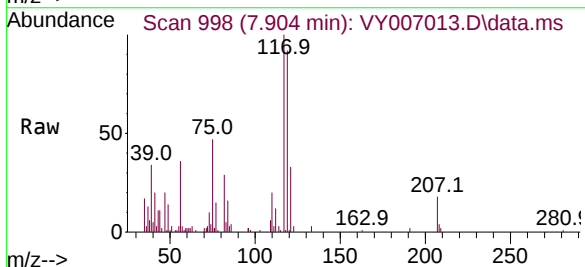
Delta R.T. -0.000 min

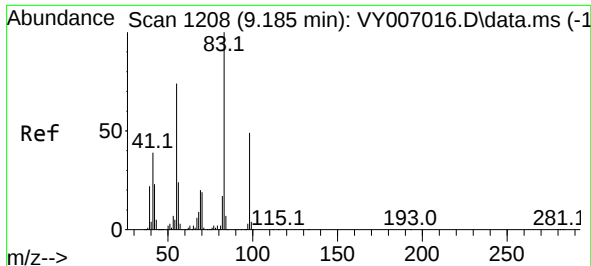
Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Tgt Ion: 117 Resp: 17720

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 92.5  | 77.7  | 116.5 |
| 121 | 33.4  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 5.805 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC005

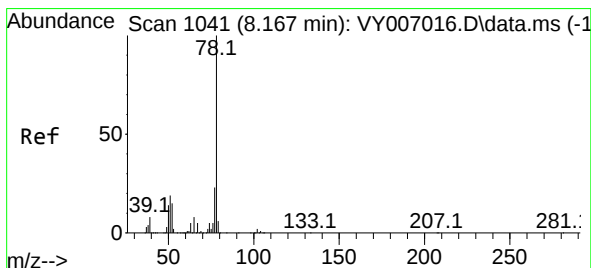
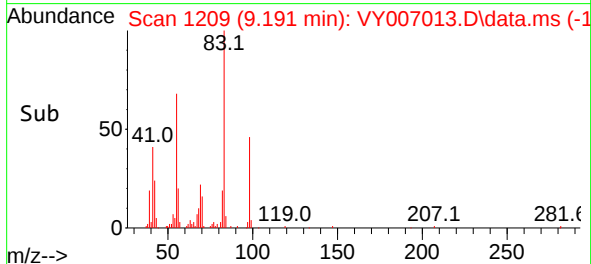
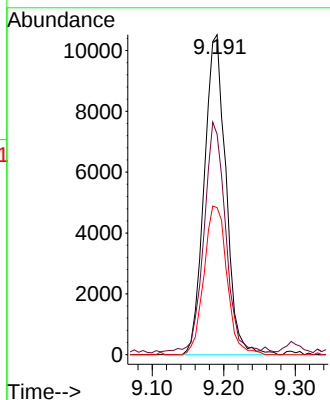
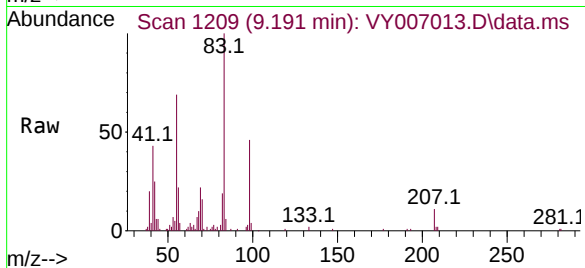
Tgt Ion: 83 Resp: 22155

Ion Ratio Lower Upper

83 100

55 67.9 59.0 88.6

98 46.0 39.1 58.7



#40

Benzene

Concen: 5.302 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY007013.D

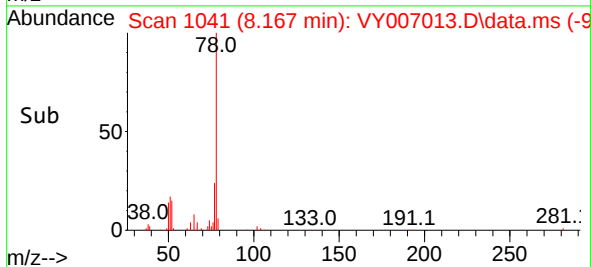
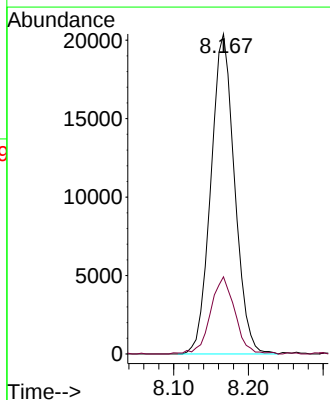
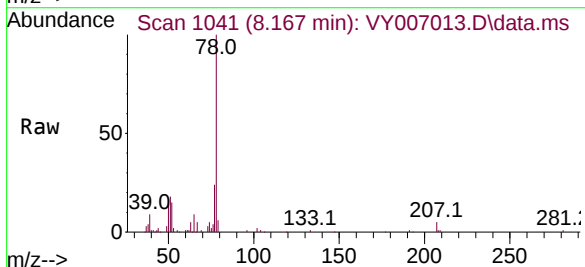
Acq: 05 Jan 2022 10:54

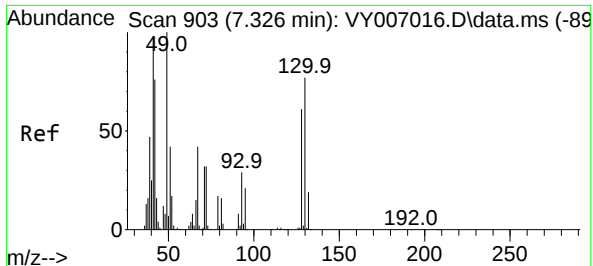
Tgt Ion: 78 Resp: 45072

Ion Ratio Lower Upper

78 100

77 24.1 18.2 27.4

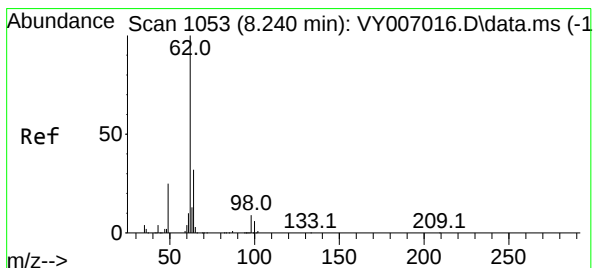
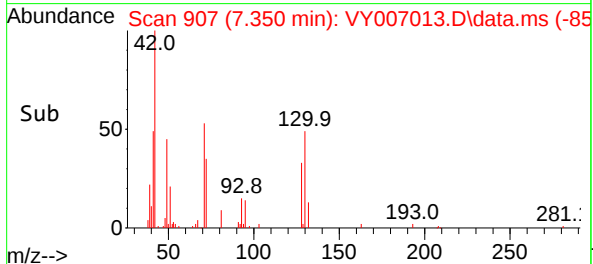
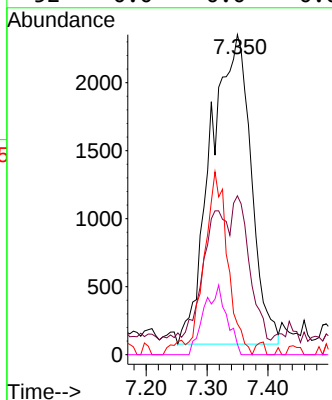
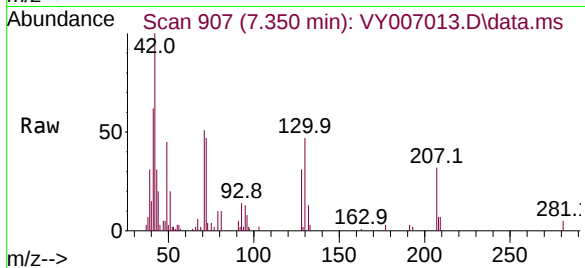




#41  
Methacrylonitrile  
Concen: 9.523 ug/l  
RT: 7.350 min Scan# 90  
Delta R.T. 0.024 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

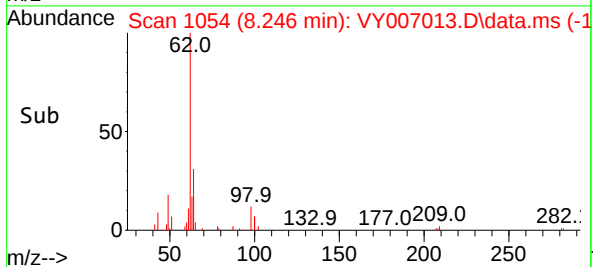
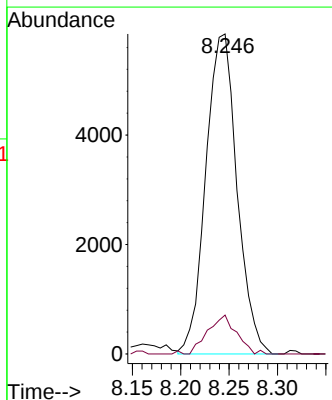
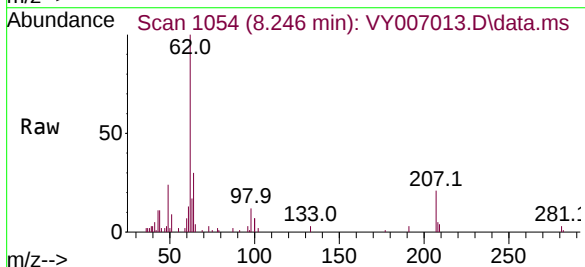
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

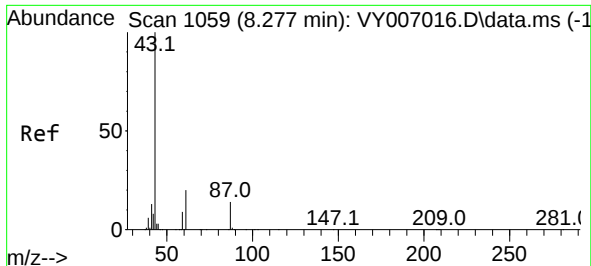
Tgt Ion: 41 Resp: 10479  
Ion Ratio Lower Upper  
41 100  
39 19.8 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 4.851 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 62 Resp: 13120  
Ion Ratio Lower Upper  
62 100  
98 11.3 0.0 20.0

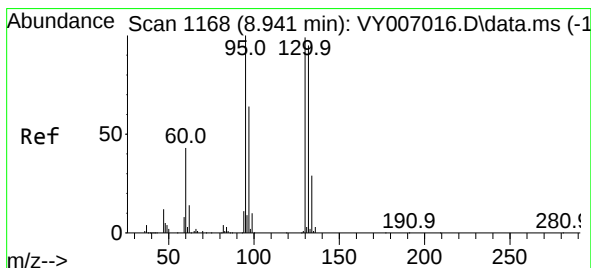
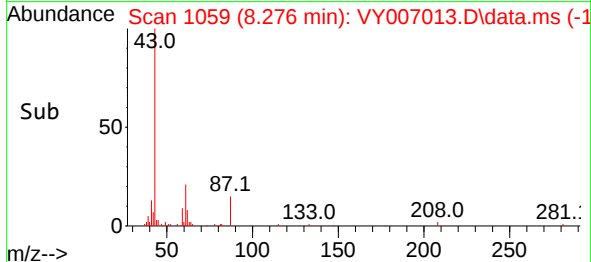
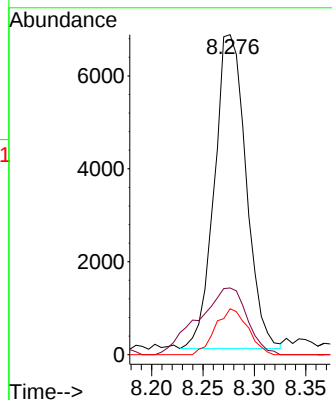
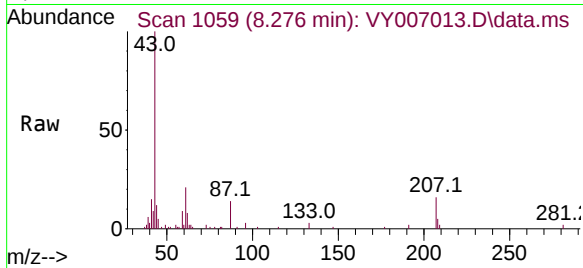




#43  
Isopropyl Acetate  
Concen: 4.392 ug/l  
RT: 8.276 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

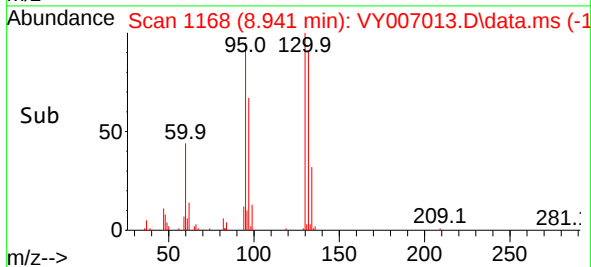
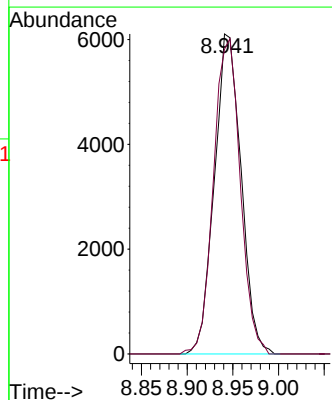
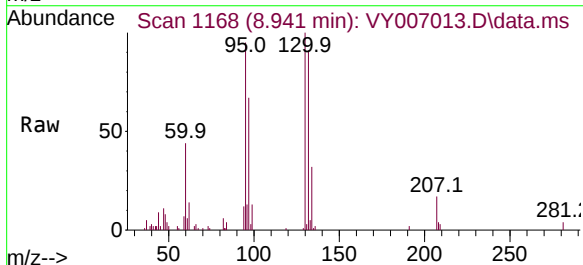
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

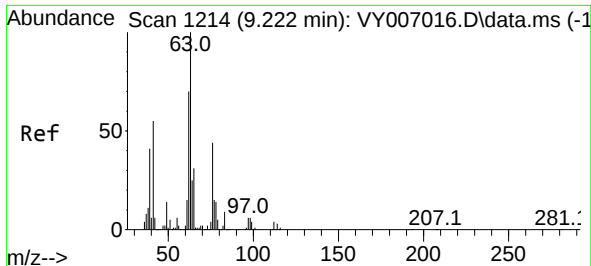
Tgt Ion: 43 Resp: 14483  
Ion Ratio Lower Upper  
43 100  
61 32.7 23.9 35.9  
87 14.9 11.8 17.6



#44  
Trichloroethene  
Concen: 5.569 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 130 Resp: 12416  
Ion Ratio Lower Upper  
130 100  
95 95.2 0.0 202.0





#45

1,2-Dichloropropane

Concen: 5.148 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

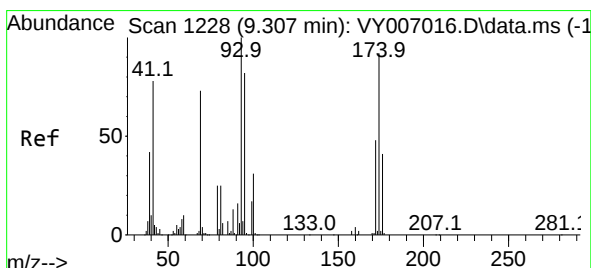
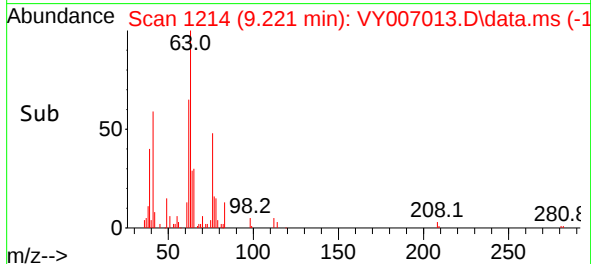
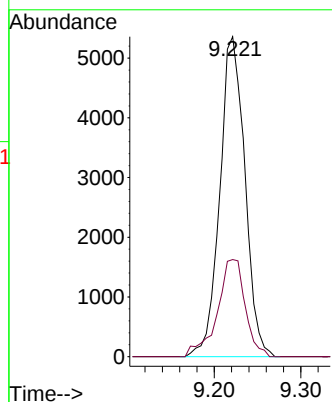
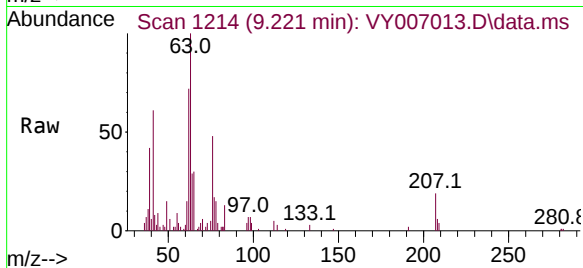
VSTDIC005

Tgt Ion: 63 Resp: 10771

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 5.606 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

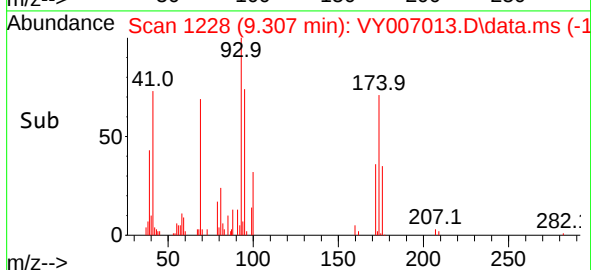
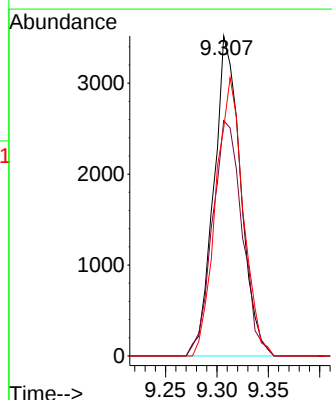
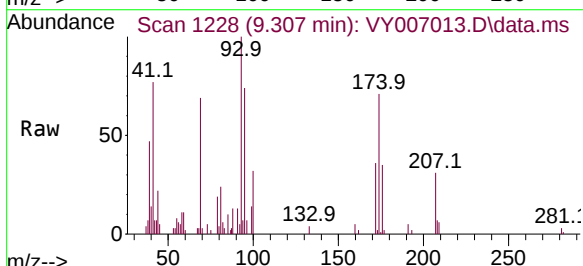
Tgt Ion: 93 Resp: 6377

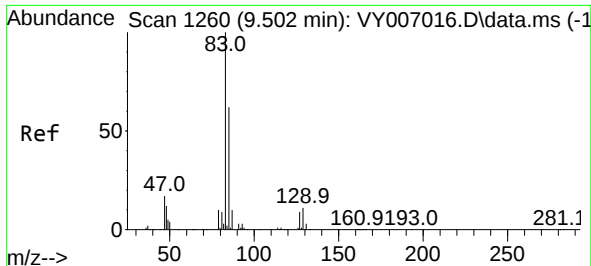
Ion Ratio Lower Upper

93 100

95 81.7 67.1 100.7

174 88.6 76.2 114.2

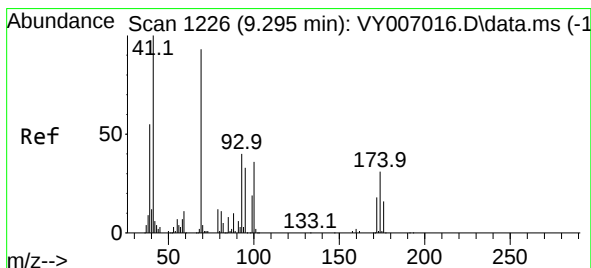
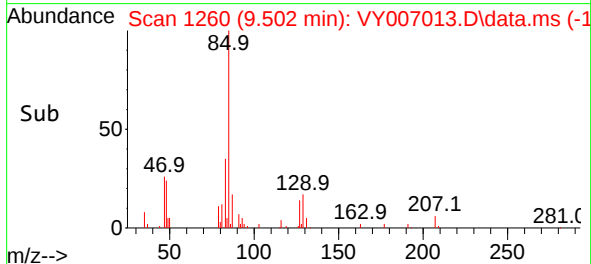
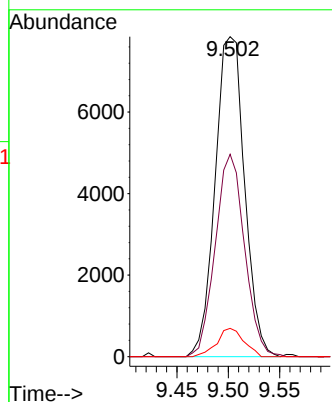
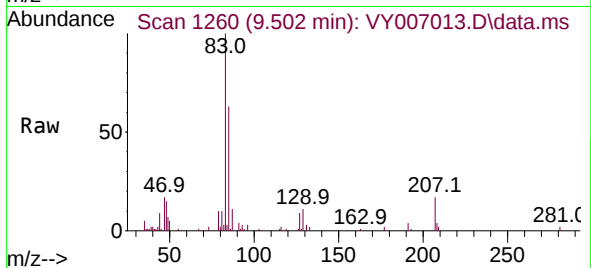




#47  
Bromodichloromethane  
Concen: 5.397 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

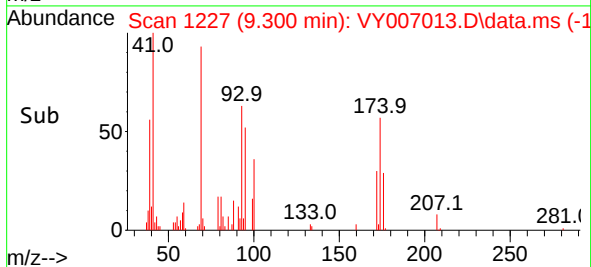
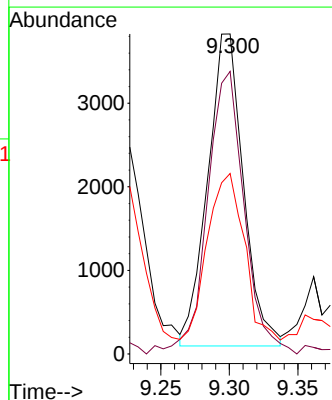
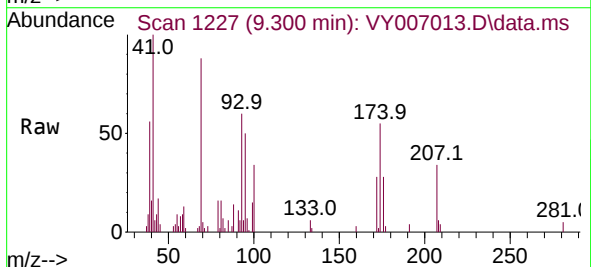
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

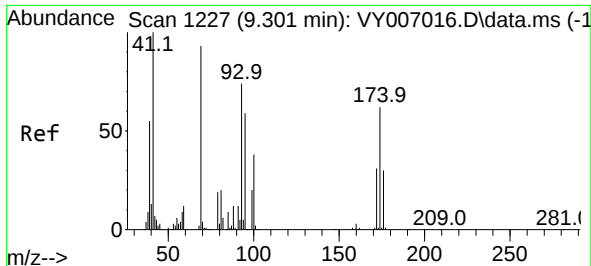
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 15648 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.3  | 50.0  | 75.0  |
| 127      | 8.8   | 7.0   | 10.4  |



#48  
Methyl methacrylate  
Concen: 4.309 ug/l  
RT: 9.300 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 6770  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 93.9  | 71.1  | 106.7 |
| 39       | 55.8  | 43.0  | 64.4  |





#49

1,4-Dioxane

Concen: 95.622 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

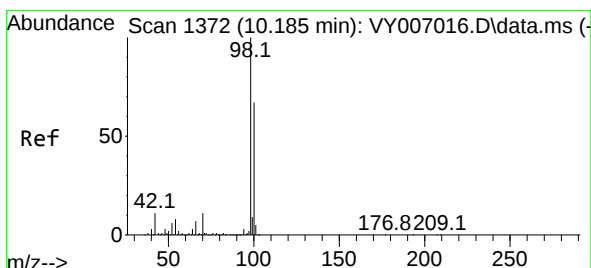
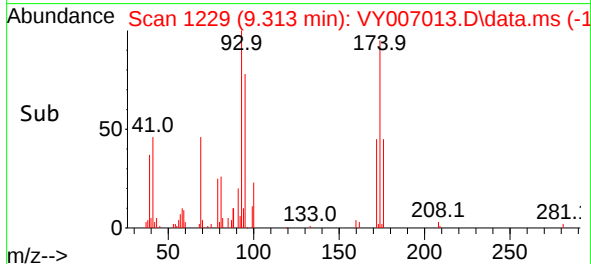
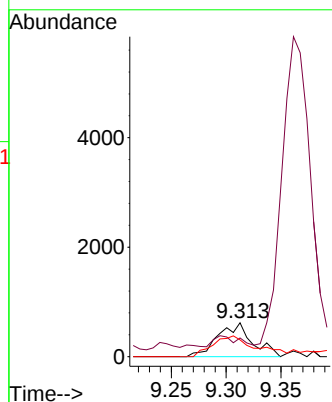
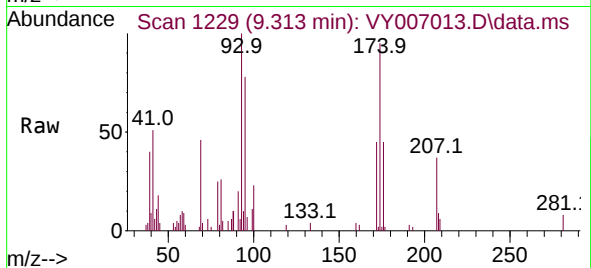
Tgt Ion: 88 Resp: 1340

Ion Ratio Lower Upper

88 100

43 22.9 23.7 35.5#

58 77.2 52.4 78.6



#50

Toluene-d8

Concen: 5.202 ug/l

RT: 10.184 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY007013.D

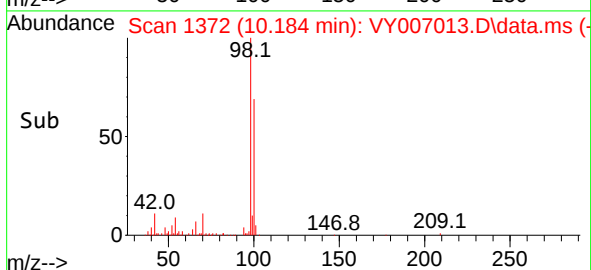
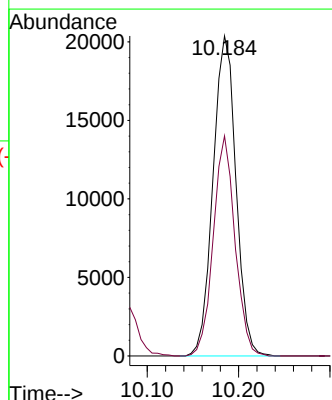
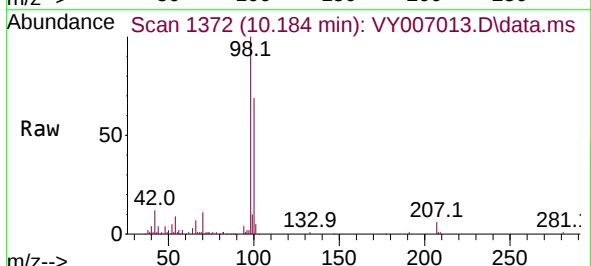
Acq: 05 Jan 2022 10:54

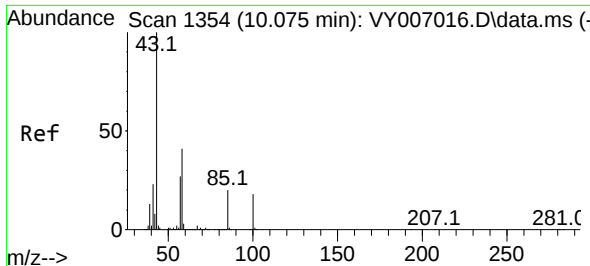
Tgt Ion: 98 Resp: 35516

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2

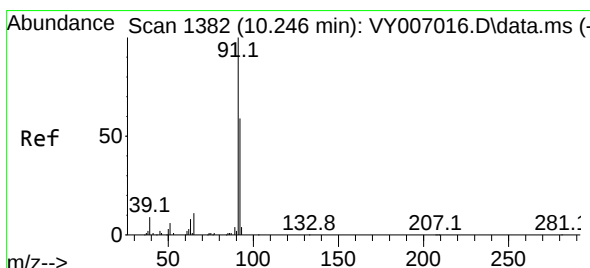
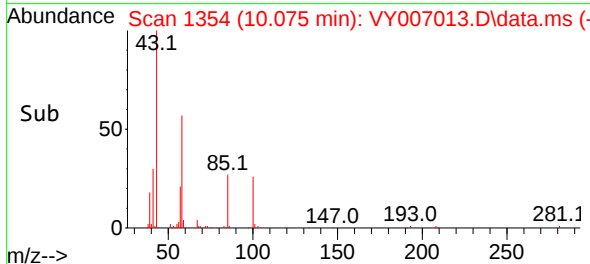
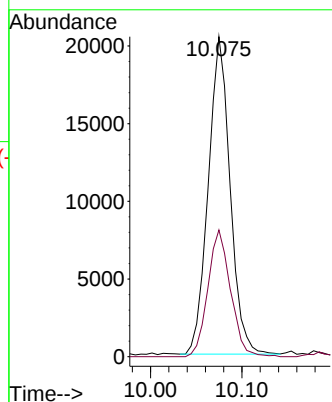
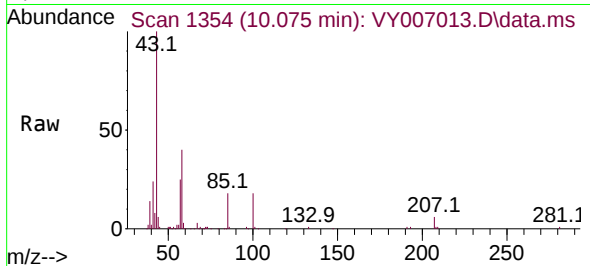




#51  
4-Methyl-2-Pentanone  
Concen: 19.955 ug/l  
RT: 10.075 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

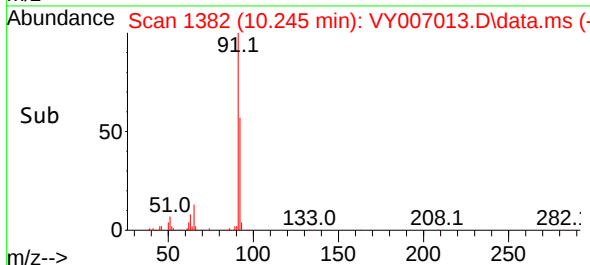
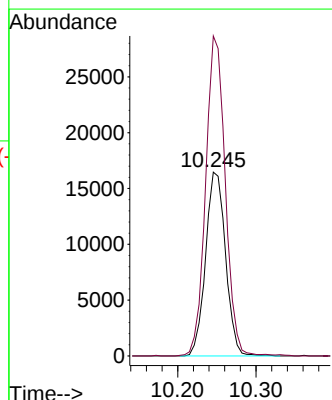
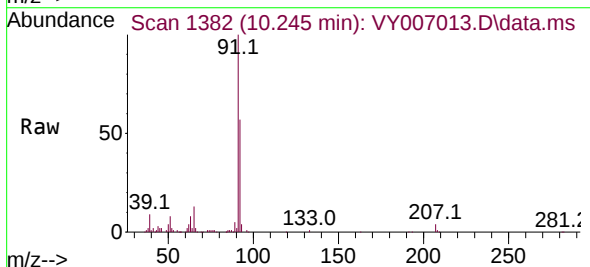
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

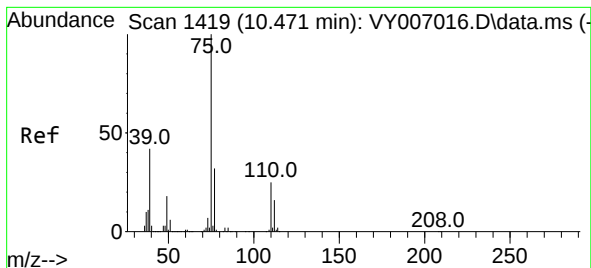
Tgt Ion: 43 Resp: 33863  
Ion Ratio Lower Upper  
43 100  
58 41.4 32.7 49.1



#52  
Toluene  
Concen: 5.489 ug/l  
RT: 10.245 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 92 Resp: 29122  
Ion Ratio Lower Upper  
92 100  
91 171.3 136.1 204.1

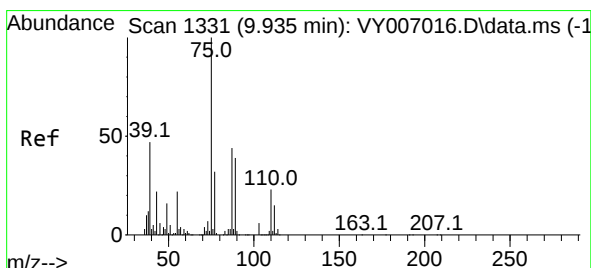
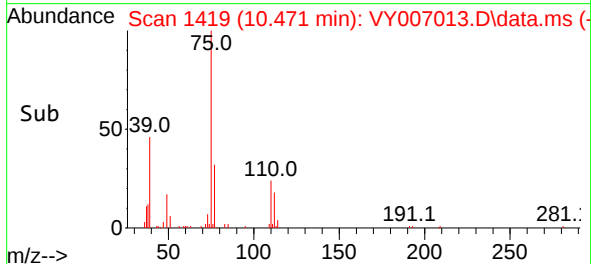
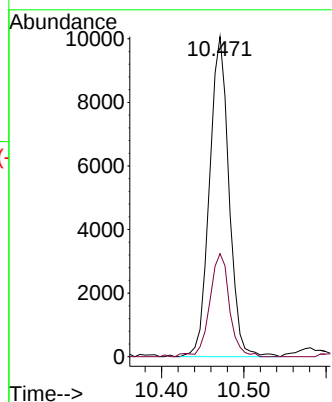
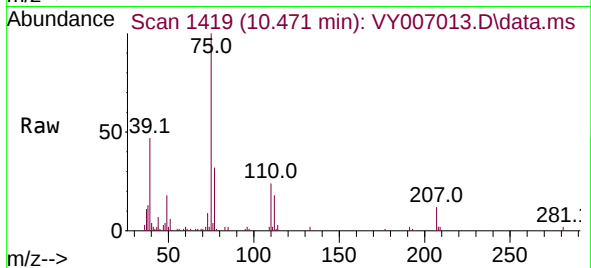




#53  
 t-1,3-Dichloropropene  
 Concen: 5.262 ug/l  
 RT: 10.471 min Scan# 1419  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

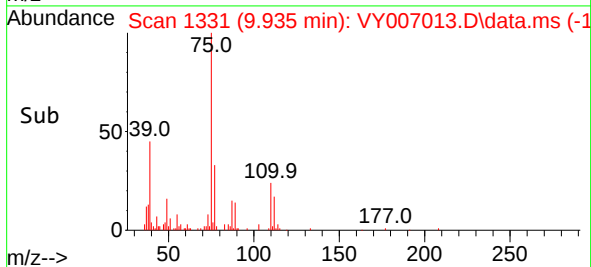
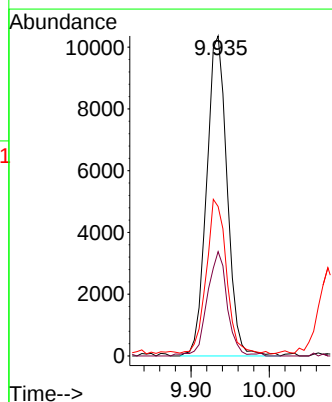
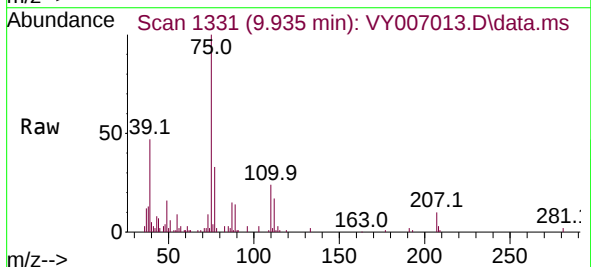
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

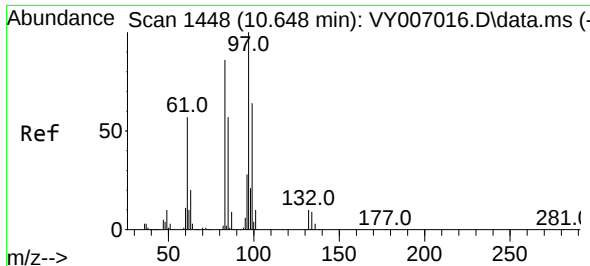
Tgt Ion: 75 Resp: 16595  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 5.443 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

Tgt Ion: 75 Resp: 18857  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.5 38.3  
 39 45.8 37.6 56.4

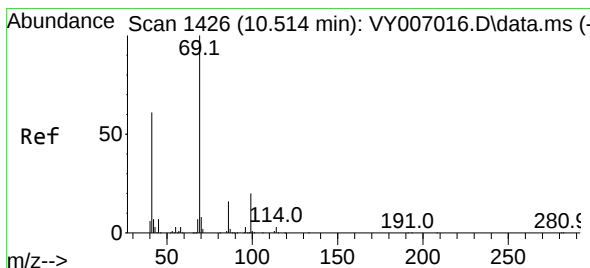
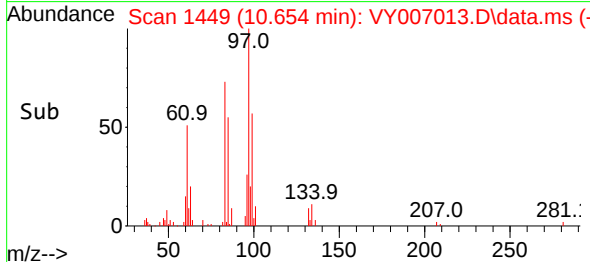
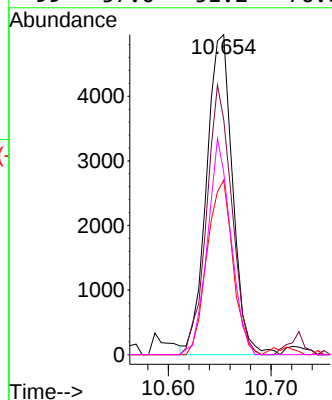
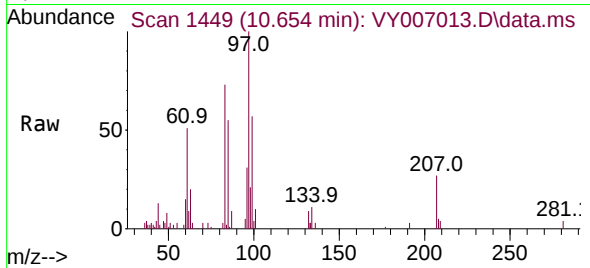




#55  
1,1,2-Trichloroethane  
Concen: 5.506 ug/l  
RT: 10.654 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

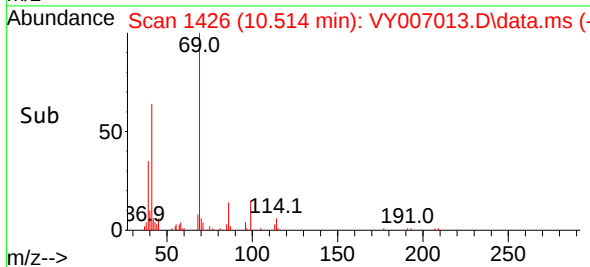
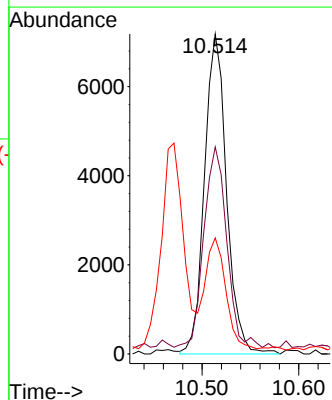
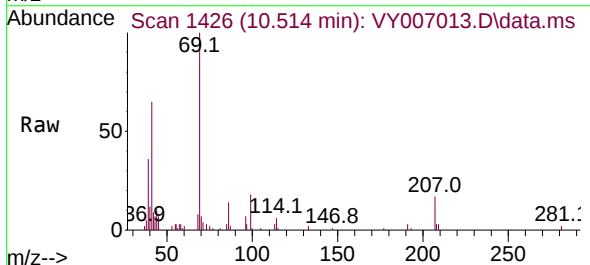
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

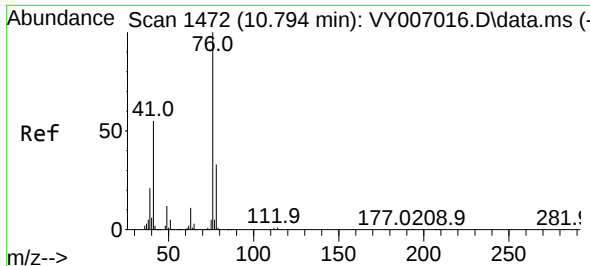
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 8761  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 73.5     | 69.0 103.6  |
| 85 54.5     | 45.3 67.9   |
| 99 57.0     | 51.2 76.8   |



#56  
Ethyl methacrylate  
Concen: 4.770 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 11412 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 65.2     | 49.2 73.8   |
| 39 31.8     | 26.6 40.0   |





#57

1,3-Dichloropropane

Concen: 5.084 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

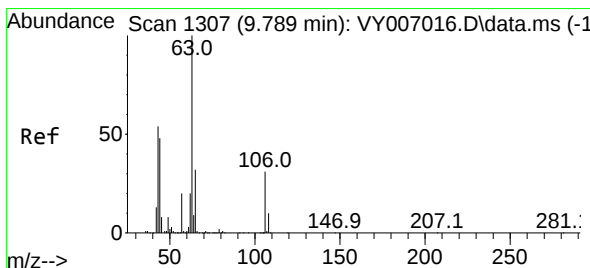
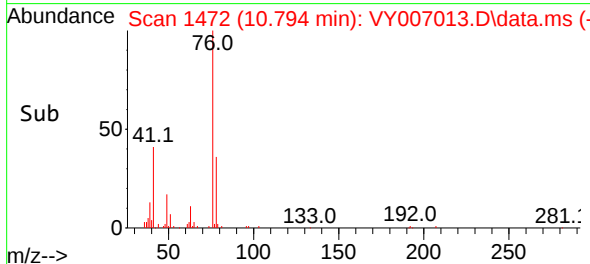
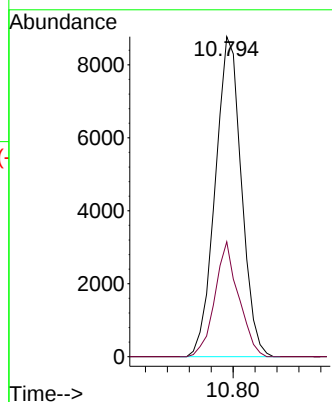
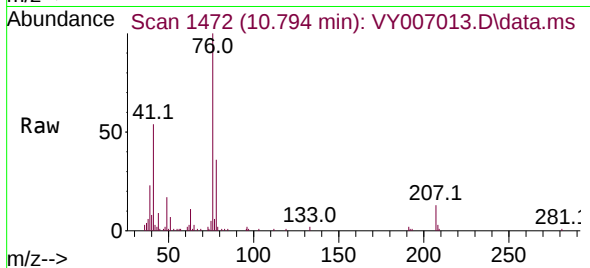
VSTDICC005

Tgt Ion: 76 Resp: 14533

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 24.196 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY007013.D

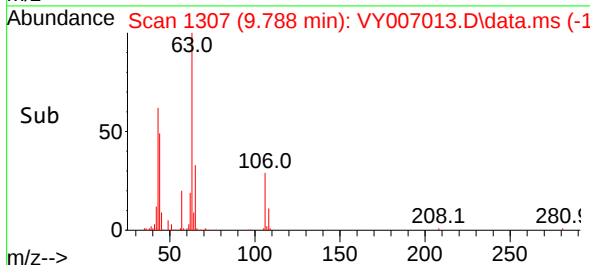
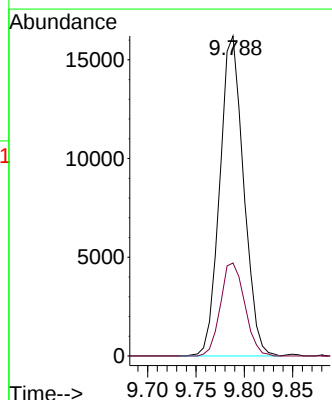
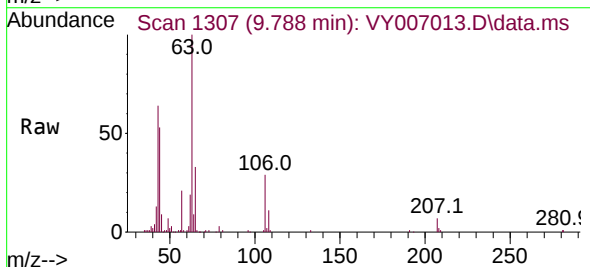
Acq: 05 Jan 2022 10:54

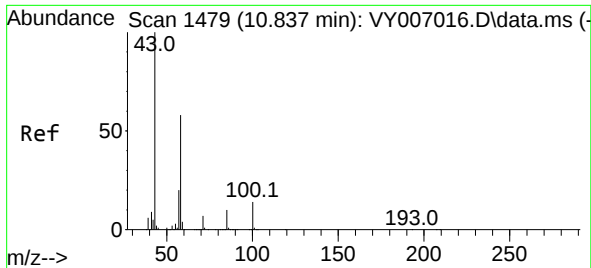
Tgt Ion: 63 Resp: 27748

Ion Ratio Lower Upper

63 100

106 29.5 24.4 36.6

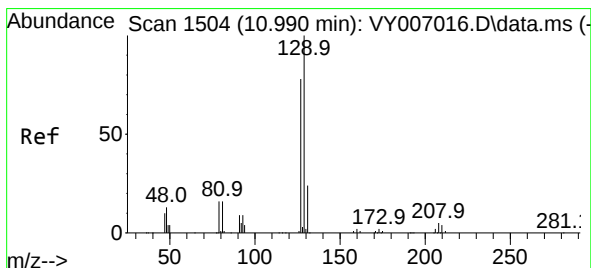
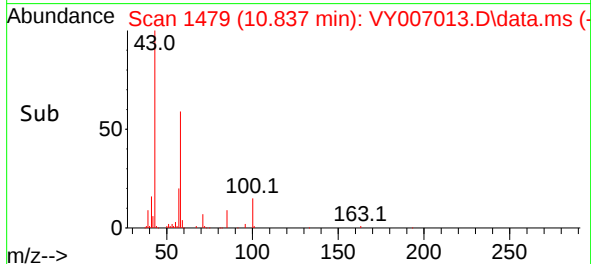
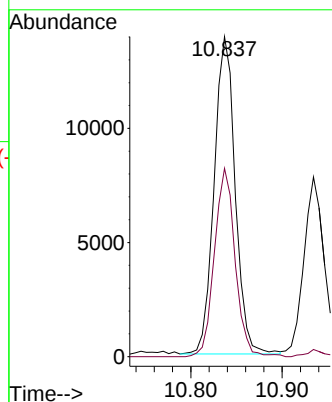
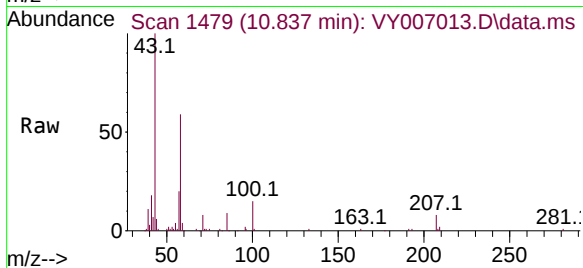




#59  
2-Hexanone  
Concen: 18.904 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

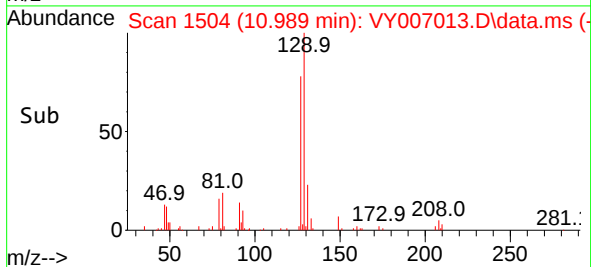
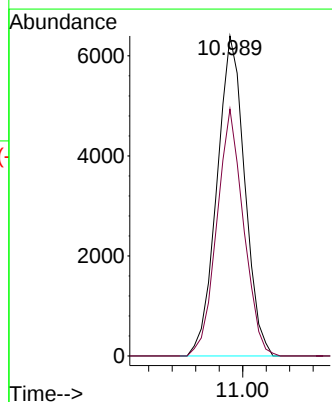
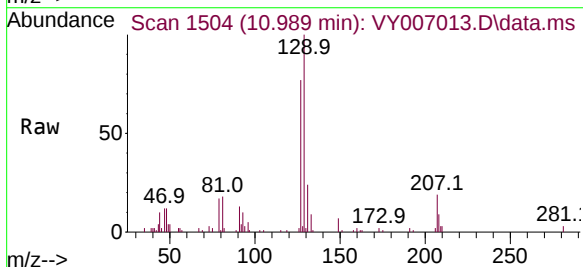
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

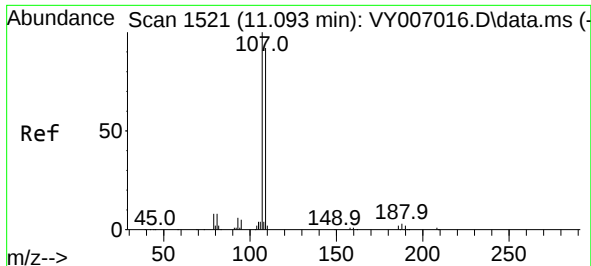
Tgt Ion: 43 Resp: 22229  
Ion Ratio Lower Upper  
43 100  
58 58.5 28.6 85.8



#60  
Dibromochloromethane  
Concen: 5.422 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 129 Resp: 10510  
Ion Ratio Lower Upper  
129 100  
127 74.1 38.6 115.8

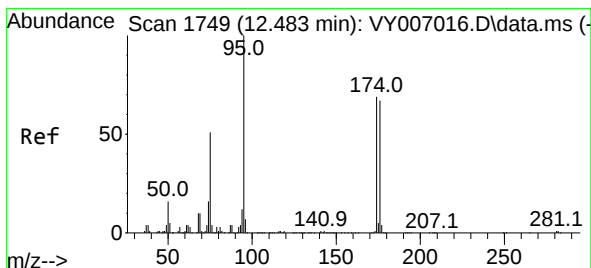
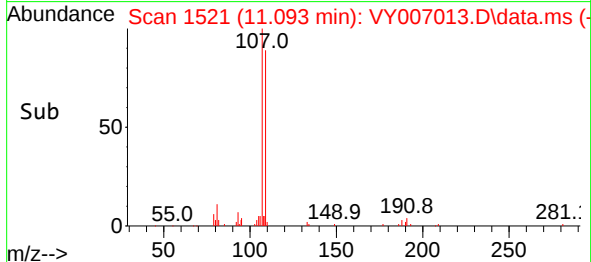
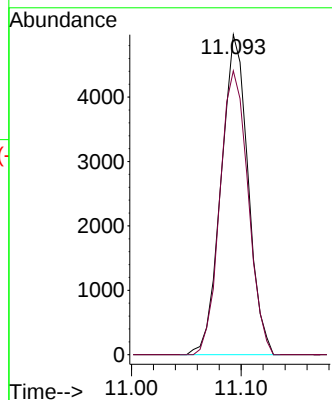
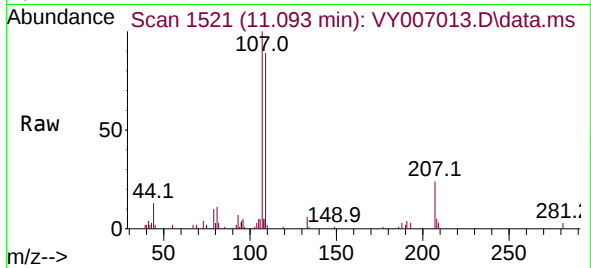




#61  
1,2-Dibromoethane  
Concen: 5.555 ug/l  
RT: 11.093 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

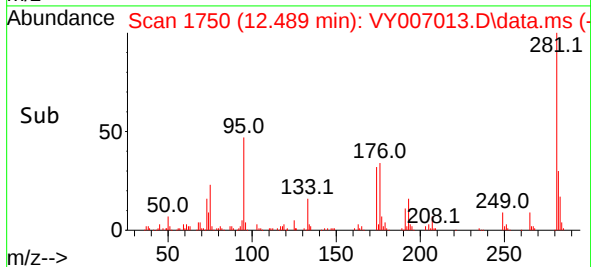
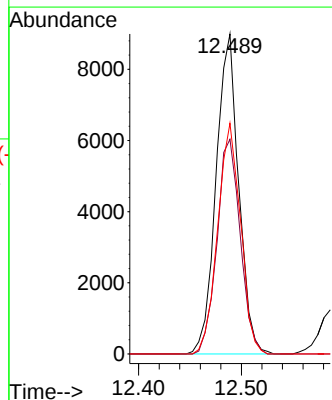
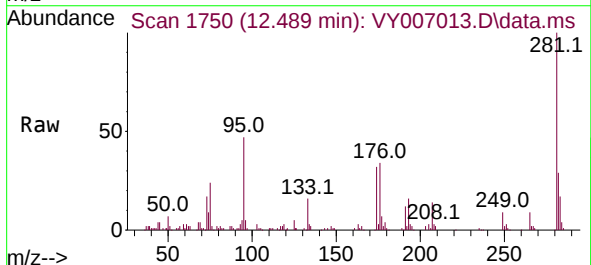
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

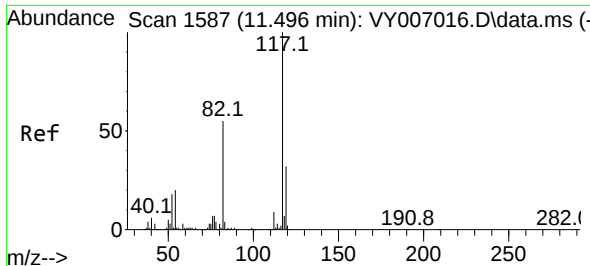
Tgt Ion:107 Resp: 8474  
Ion Ratio Lower Upper  
107 100  
109 92.6 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 5.818 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 95 Resp: 13718  
Ion Ratio Lower Upper  
95 100  
174 69.1 0.0 144.6  
176 72.8 0.0 141.0

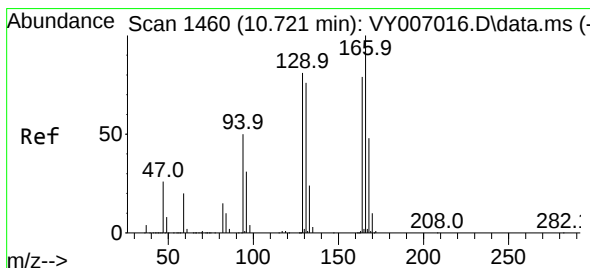
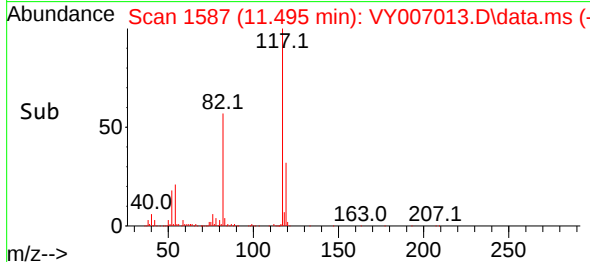
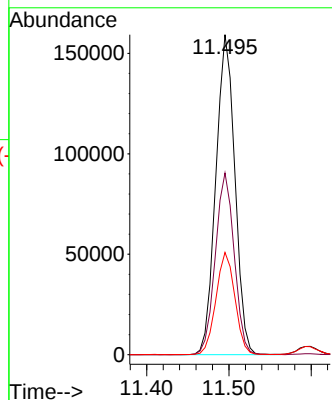
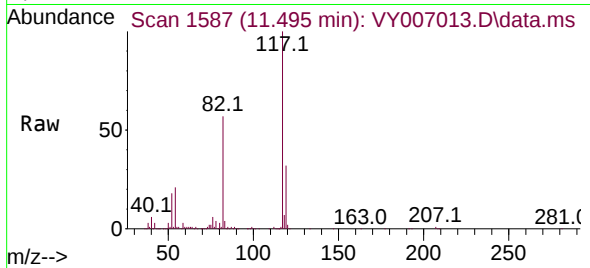




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

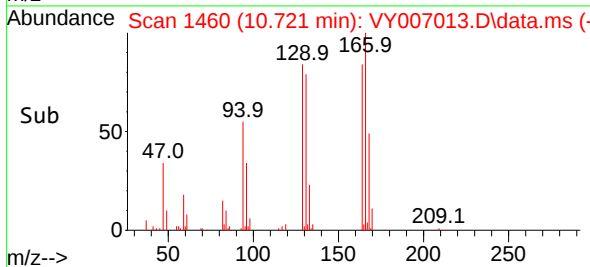
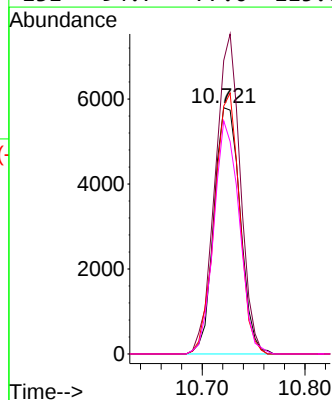
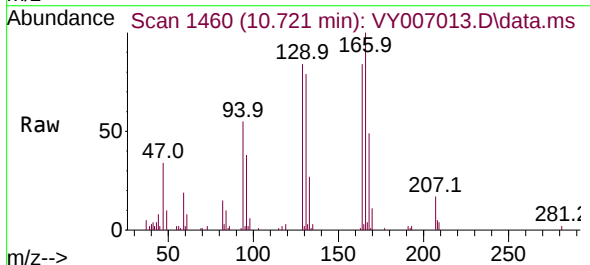
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

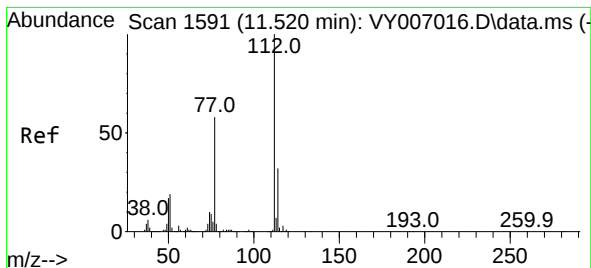
Tgt Ion:117 Resp: 256368  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.1 66.1  
119 31.9 25.3 37.9



#64  
Tetrachloroethene  
Concen: 4.941 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion:164 Resp: 10281  
Ion Ratio Lower Upper  
164 100  
166 119.2 101.4 152.0  
129 100.7 81.6 122.4  
131 94.7 77.0 115.6





#65

Chlorobenzene

Concen: 5.734 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

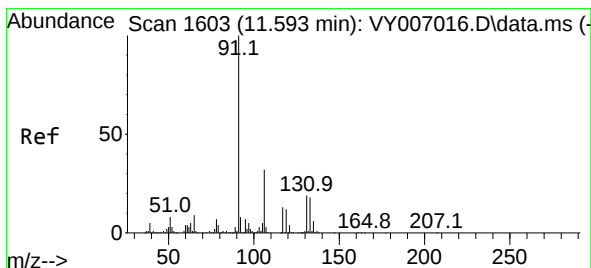
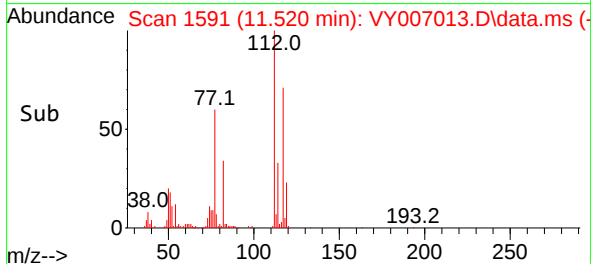
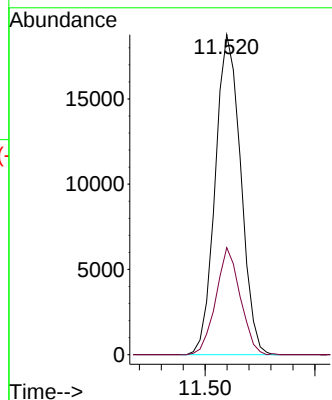
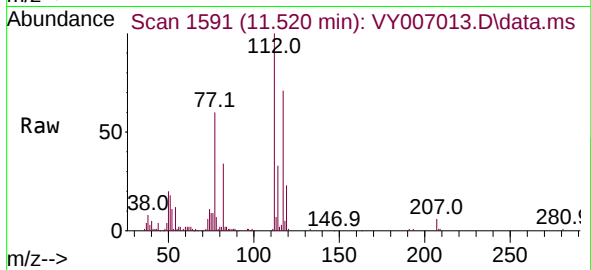
VSTDIC005

Tgt Ion:112 Resp: 30286

Ion Ratio Lower Upper

112 100

114 33.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 5.368 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

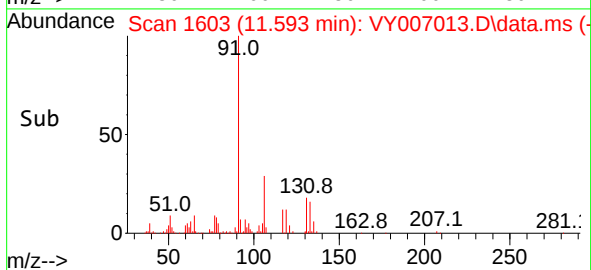
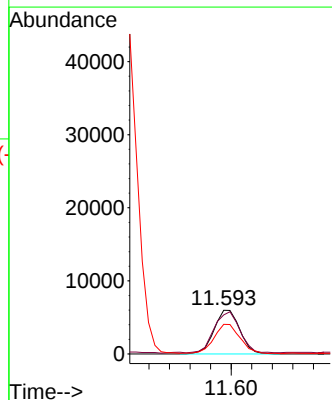
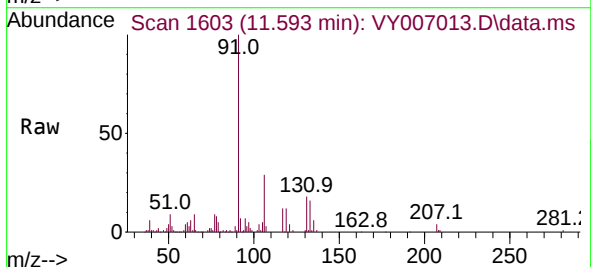
Tgt Ion:131 Resp: 10391

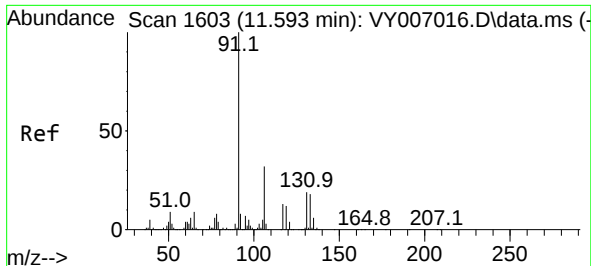
Ion Ratio Lower Upper

131 100

133 97.1 47.6 142.8

119 68.0 32.5 97.5





#67

Ethyl Benzene

Concen: 5.673 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

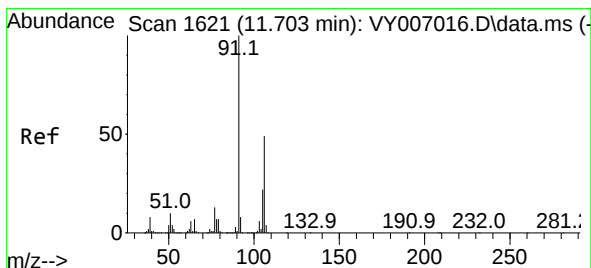
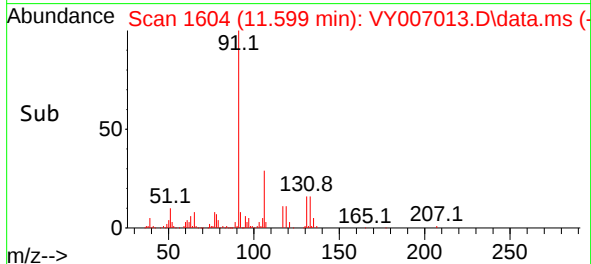
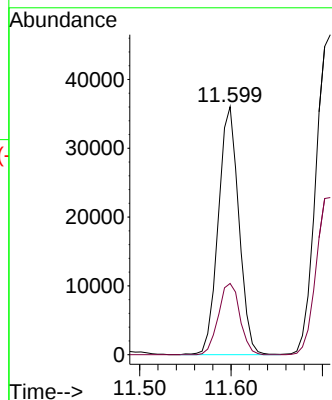
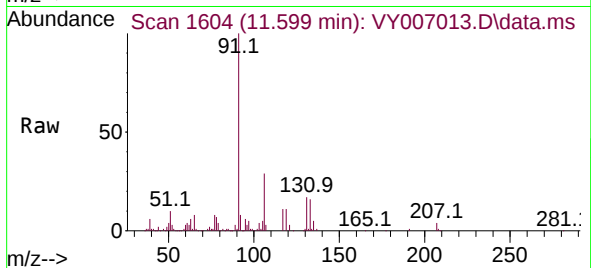
VSTDIC005

Tgt Ion: 91 Resp: 56264

Ion Ratio Lower Upper

91 100

106 28.7 25.2 37.8



#68

m/p-Xylenes

Concen: 11.319 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY007013.D

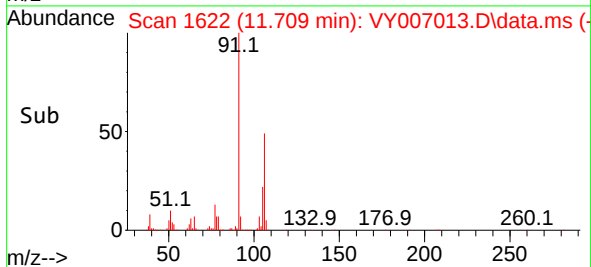
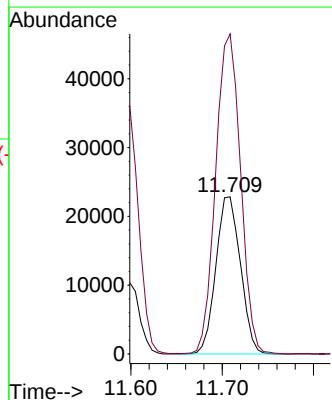
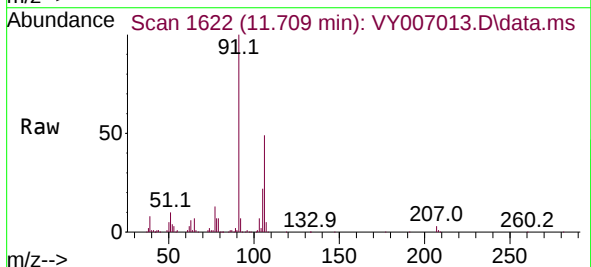
Acq: 05 Jan 2022 10:54

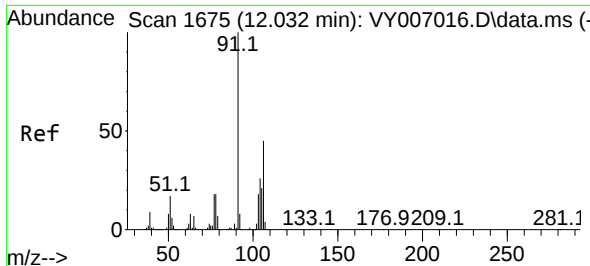
Tgt Ion: 106 Resp: 42652

Ion Ratio Lower Upper

106 100

91 206.8 165.3 247.9

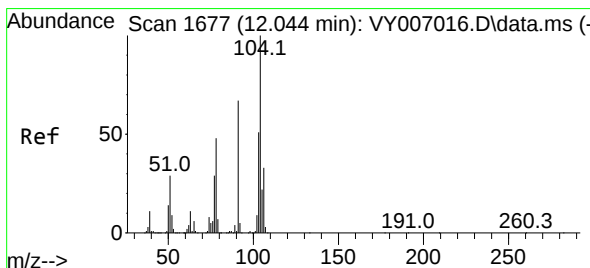
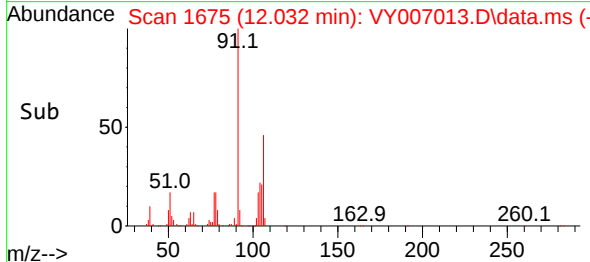
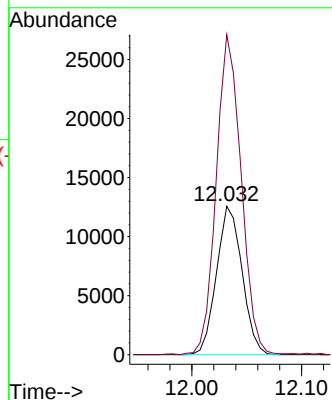
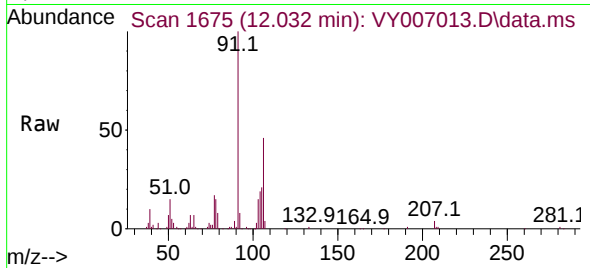




#69  
o-Xylene  
Concen: 5.730 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

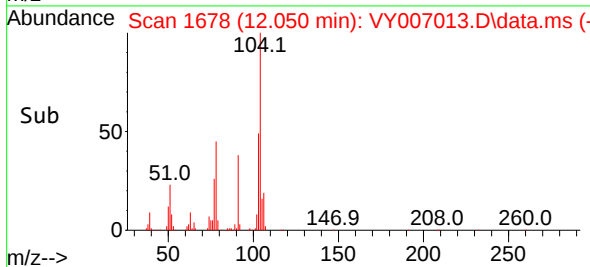
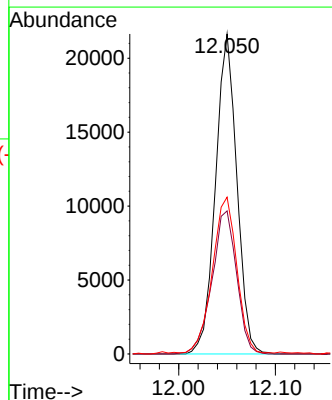
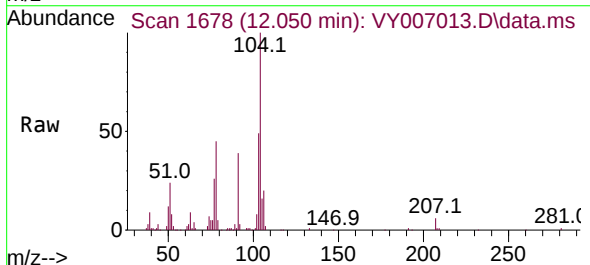
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

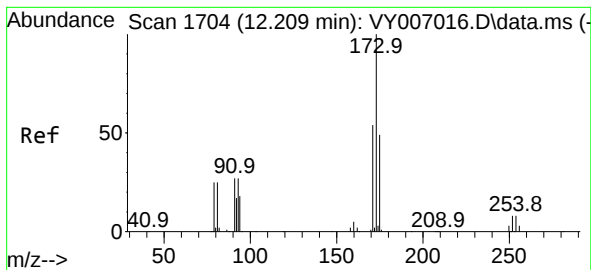
Tgt Ion:106 Resp: 20346  
Ion Ratio Lower Upper  
106 100  
91 210.9 108.3 324.8



#70  
Styrene  
Concen: 5.495 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion:104 Resp: 33122  
Ion Ratio Lower Upper  
104 100  
78 51.5 40.7 61.1  
103 55.5 43.5 65.3





#71

Bromoform

Concen: 4.803 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

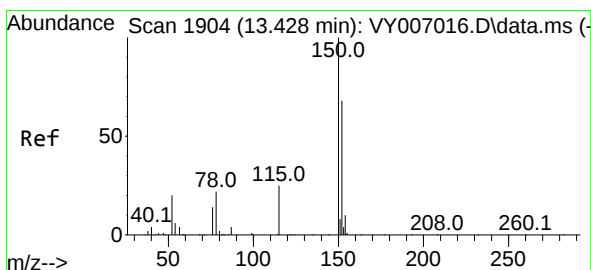
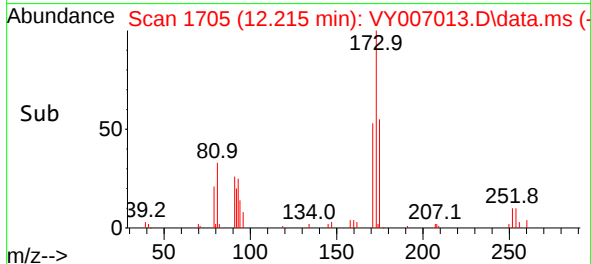
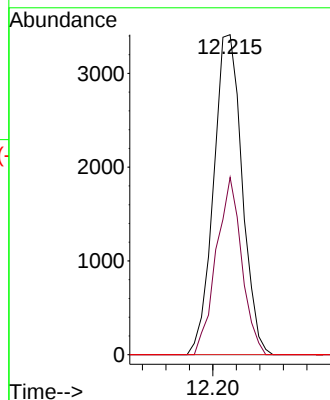
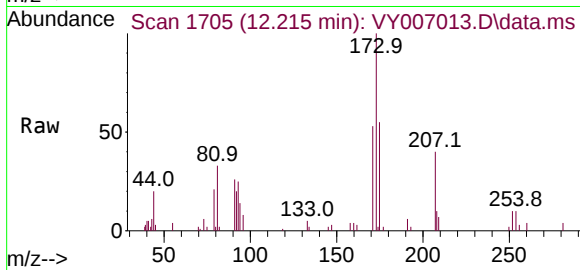
Tgt Ion:173 Resp: 5755

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

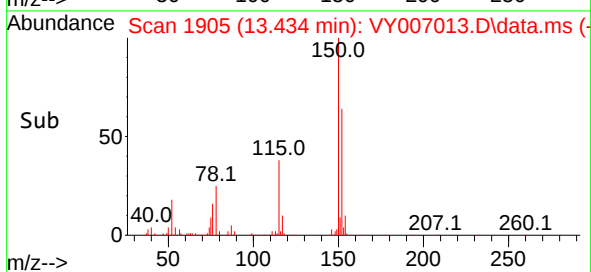
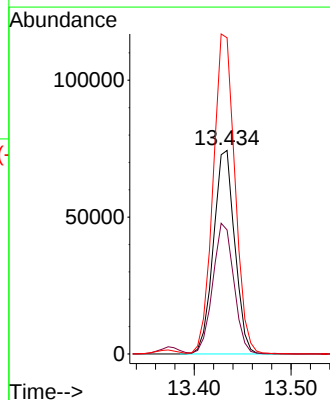
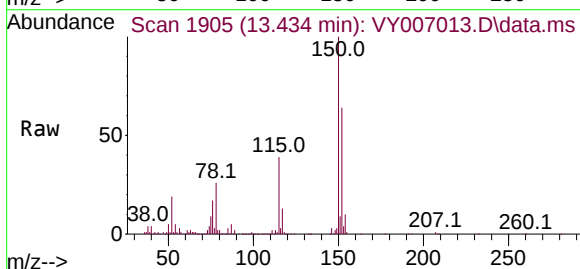
Tgt Ion:152 Resp: 113703

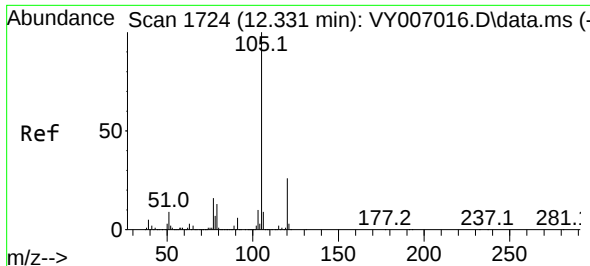
Ion Ratio Lower Upper

152 100

115 63.1 31.9 95.5

150 160.9 0.0 358.0

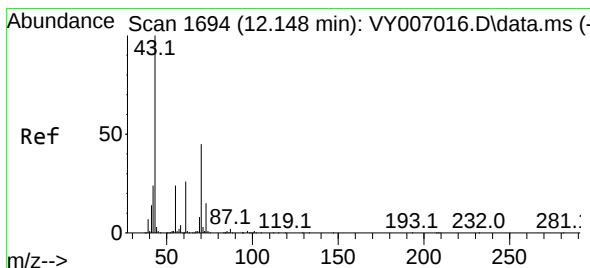
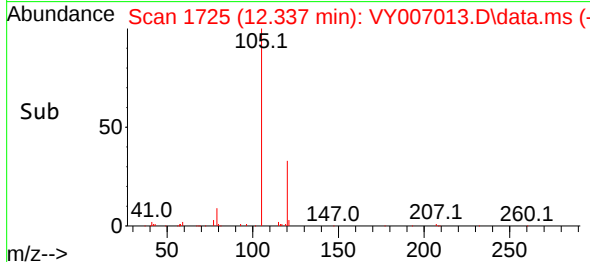
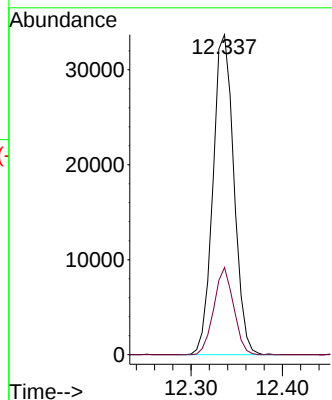
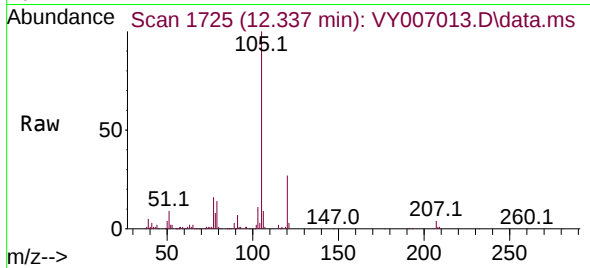




#73  
Isopropylbenzene  
Concen: 6.204 ug/l  
RT: 12.337 min Scan# 1725  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

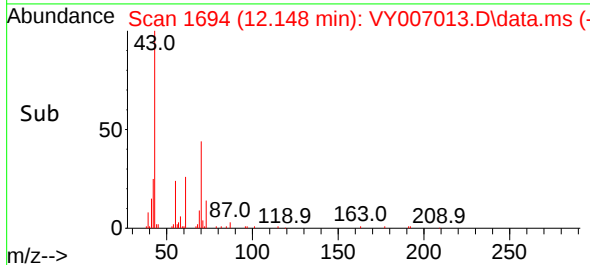
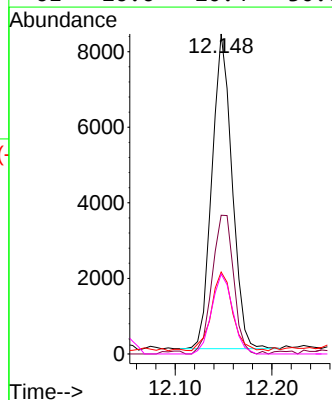
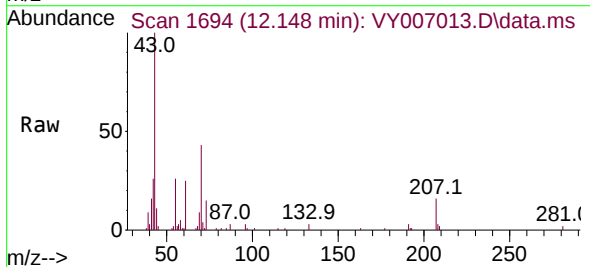
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

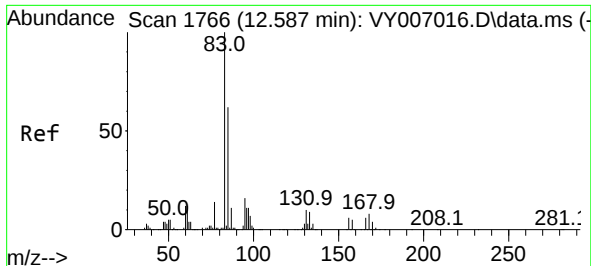
Tgt Ion:105 Resp: 53484  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.2 39.5



#74  
N-ethyl acetate  
Concen: 4.648 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 43 Resp: 12023  
Ion Ratio Lower Upper  
43 100  
70 46.8 36.0 54.0  
55 26.1 19.0 28.4  
61 26.6 20.4 30.6

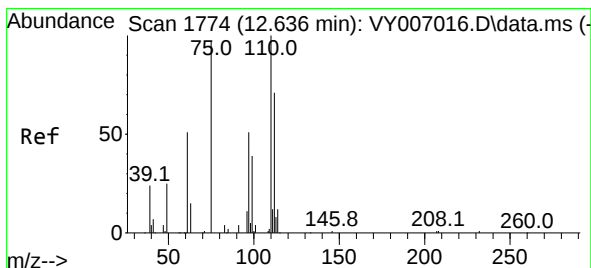
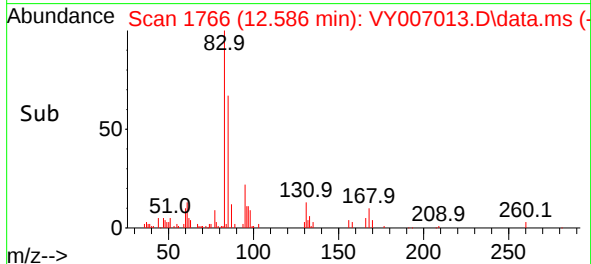
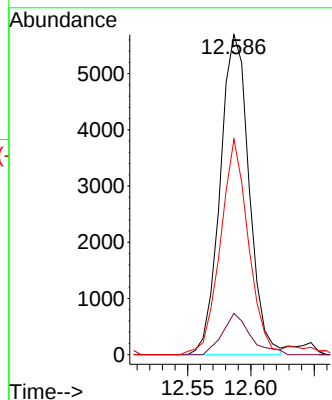
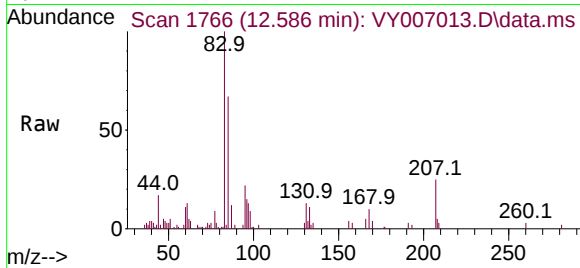




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 5.699 ug/l  
 RT: 12.586 min Scan# 1766  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

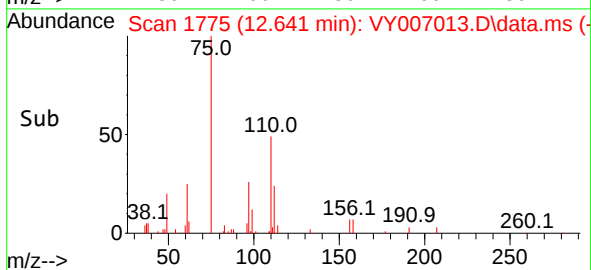
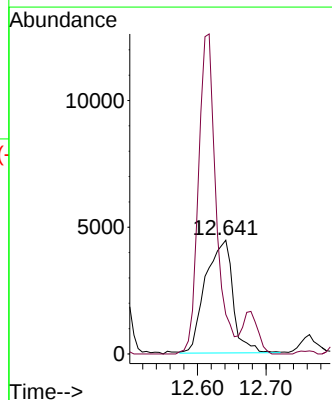
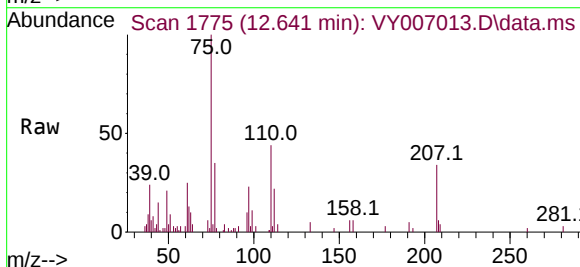
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

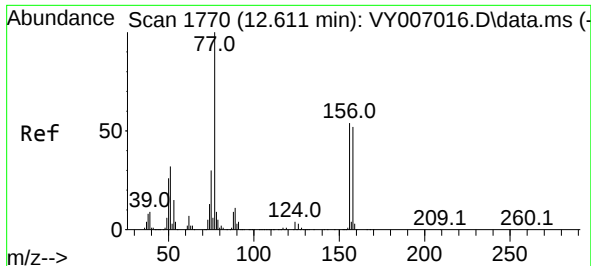
Tgt Ion: 83 Resp: 9035  
 Ion Ratio Lower Upper  
 83 100  
 131 12.5 5.3 15.9  
 85 65.1 31.8 95.4



#76  
 1,2,3-Trichloropropane  
 Concen: 10.460 ug/l  
 RT: 12.641 min Scan# 1775  
 Delta R.T. 0.006 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

Tgt Ion: 75 Resp: 12428  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

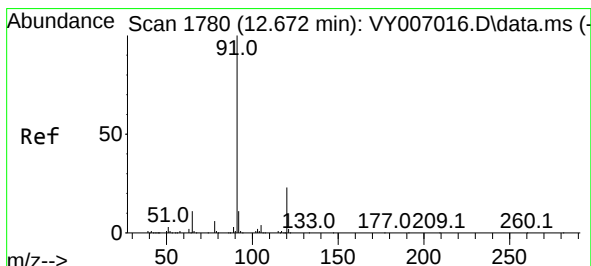
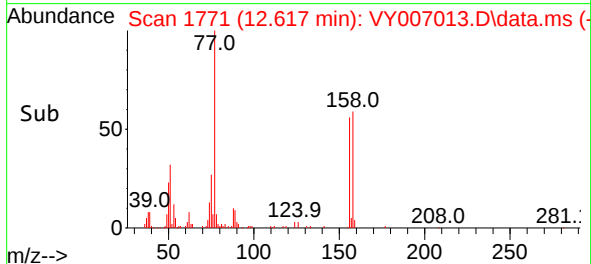
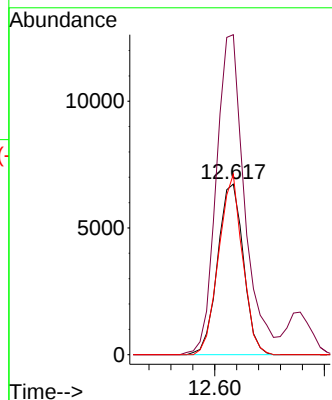
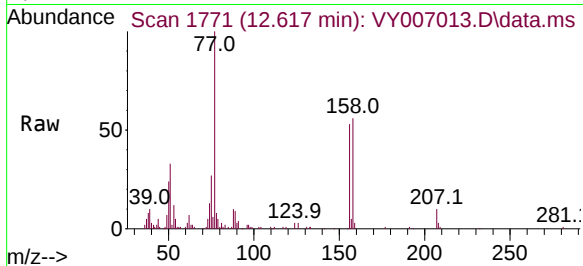




#77  
Bromobenzene  
Concen: 5.499 ug/l  
RT: 12.617 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

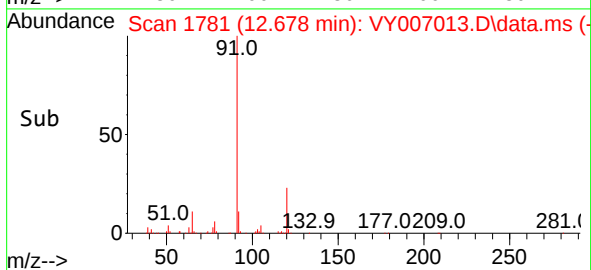
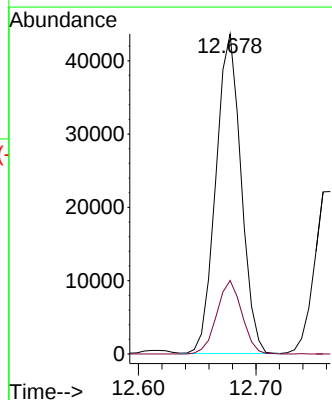
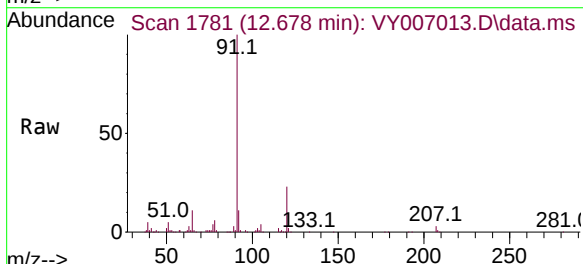
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

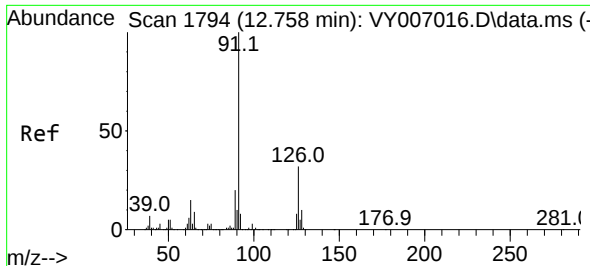
Tgt Ion:156 Resp: 10994  
Ion Ratio Lower Upper  
156 100  
77 205.0 99.5 298.5  
158 97.9 47.9 143.6



#78  
n-propylbenzene  
Concen: 6.138 ug/l  
RT: 12.678 min Scan# 1781  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 91 Resp: 65083  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.6 34.8

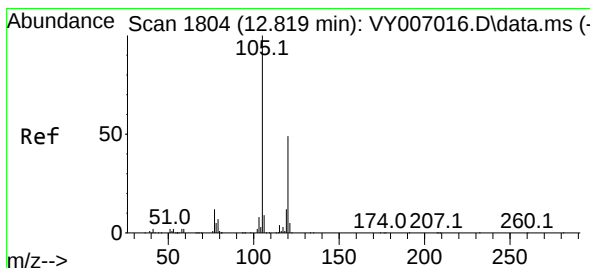
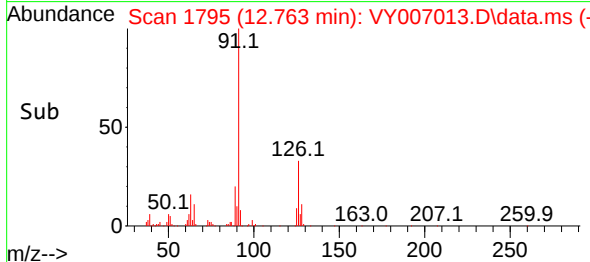
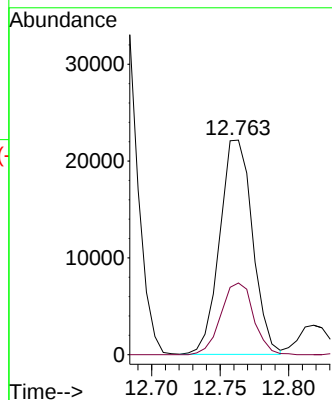
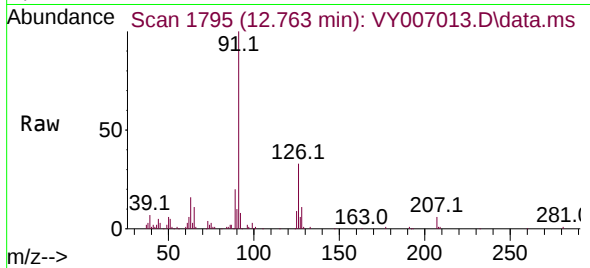




#79  
2-Chlorotoluene  
Concen: 6.255 ug/l  
RT: 12.763 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

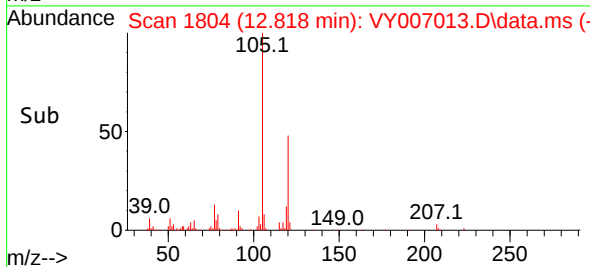
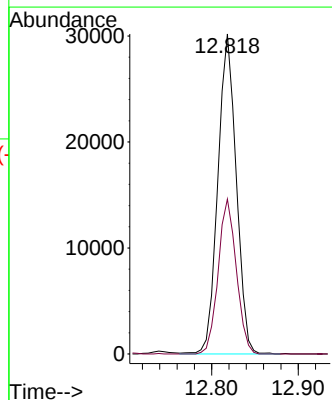
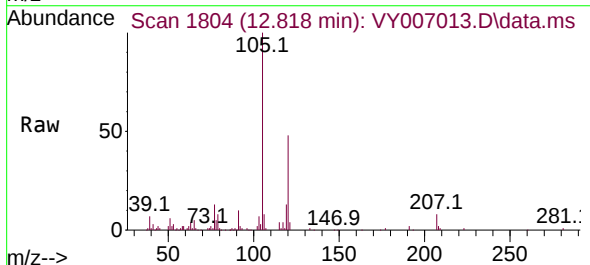
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

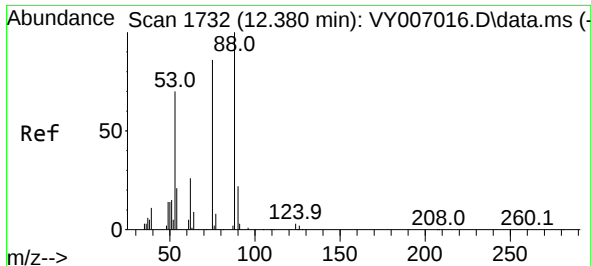
Tgt Ion: 91 Resp: 36973  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 6.194 ug/l  
RT: 12.818 min Scan# 1804  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 105 Resp: 44519  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.1 72.2

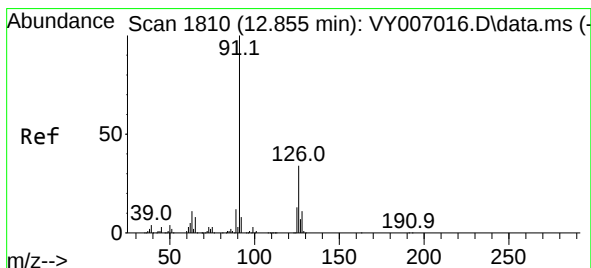
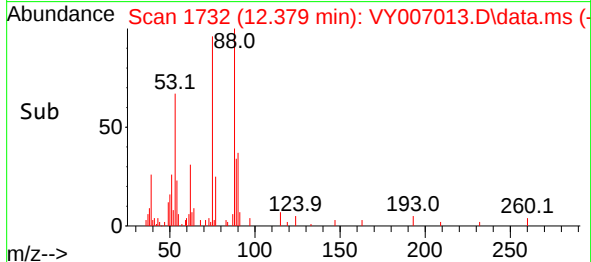
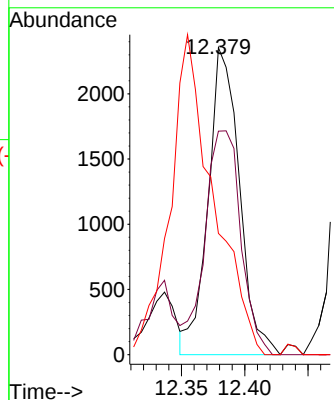
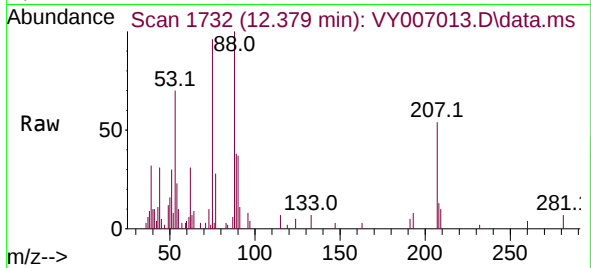




#81  
trans-1,4-Dichloro-2-butene  
Concen: 6.592 ug/l  
RT: 12.379 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

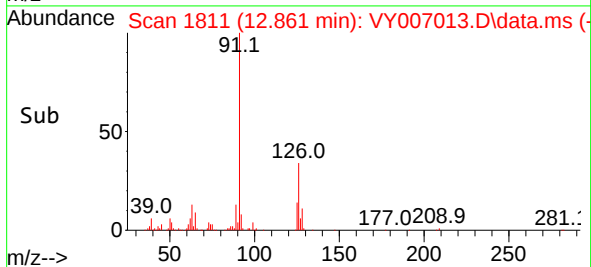
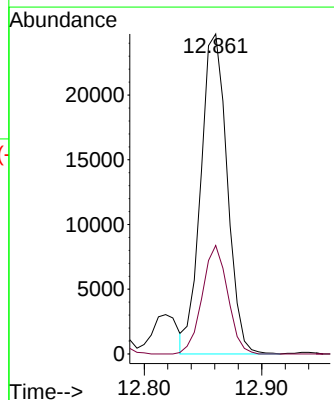
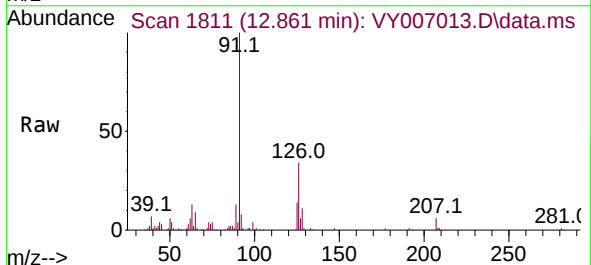
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

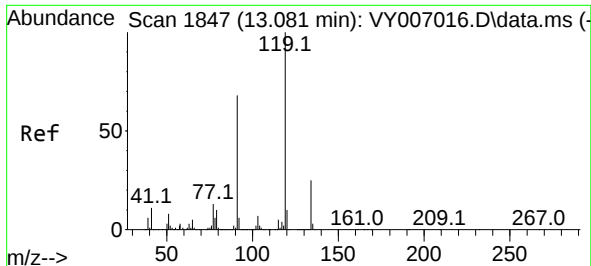
Tgt Ion: 75 Resp: 4027  
Ion Ratio Lower Upper  
75 100  
53 84.2 72.2 108.4  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 6.321 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 91 Resp: 38612  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.6 49.7

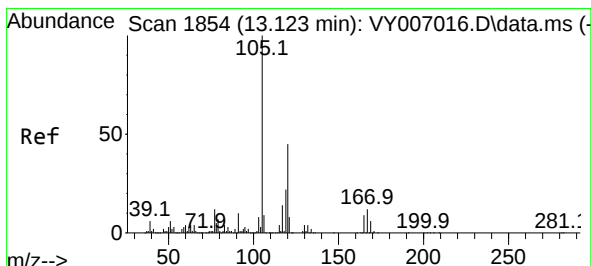
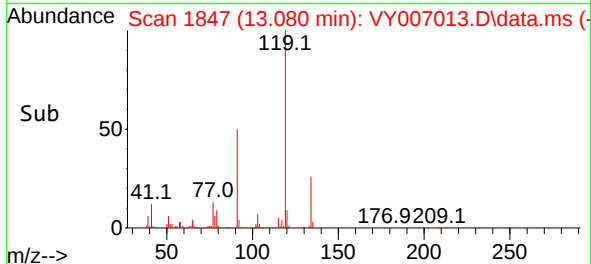
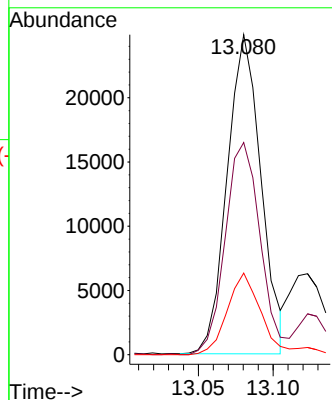
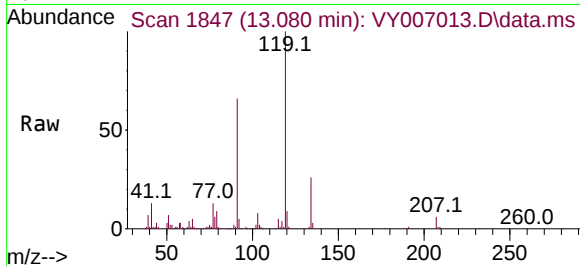




#83  
 tert-Butylbenzene  
 Concen: 6.323 ug/l  
 RT: 13.080 min Scan# 1847  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

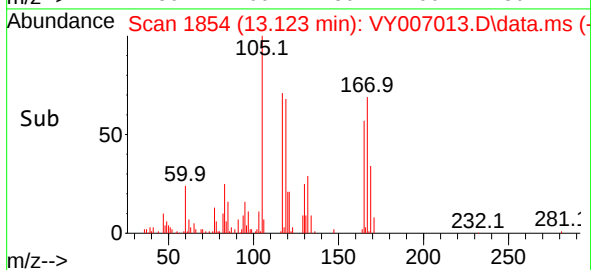
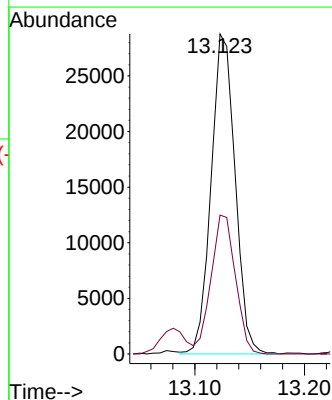
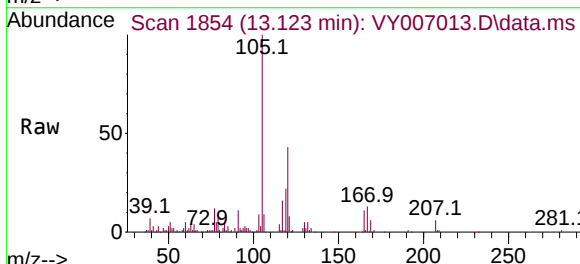
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

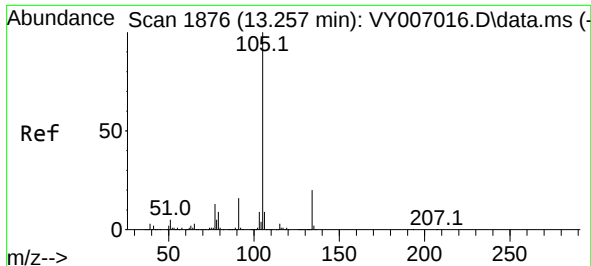
Tgt Ion:119 Resp: 39132  
 Ion Ratio Lower Upper  
 119 100  
 91 69.4 33.5 100.5  
 134 26.5 13.0 39.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 6.180 ug/l  
 RT: 13.123 min Scan# 1854  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

Tgt Ion:105 Resp: 43821  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 22.1 66.5

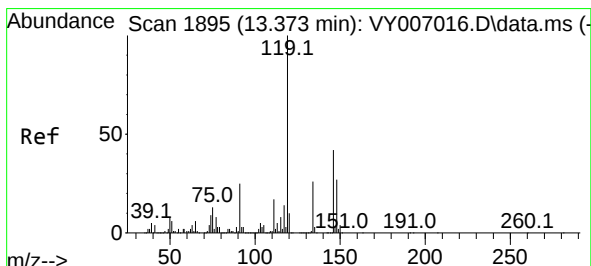
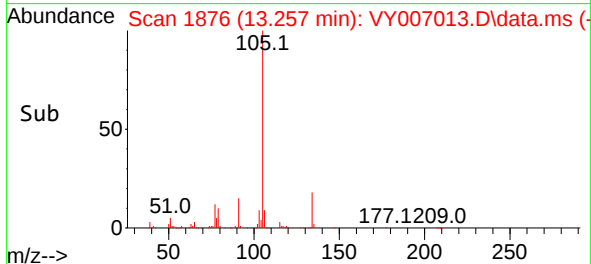
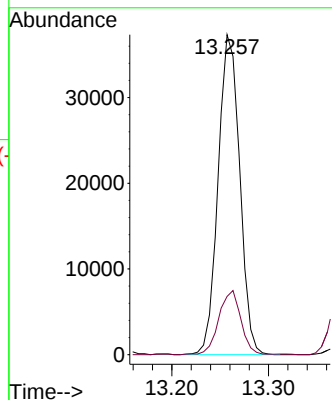
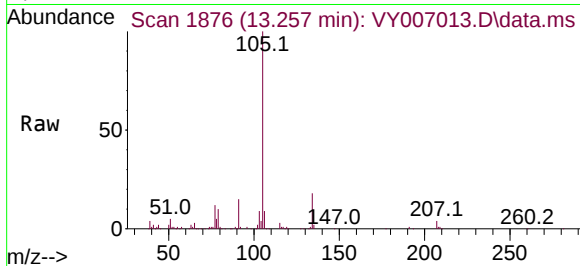




#85  
 sec-Butylbenzene  
 Concen: 6.236 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

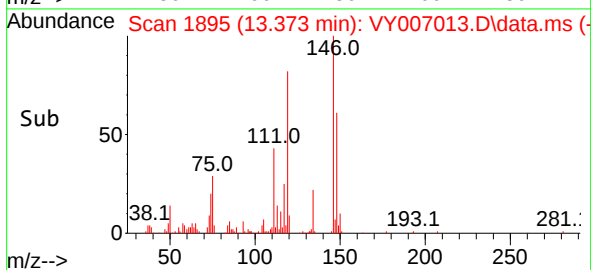
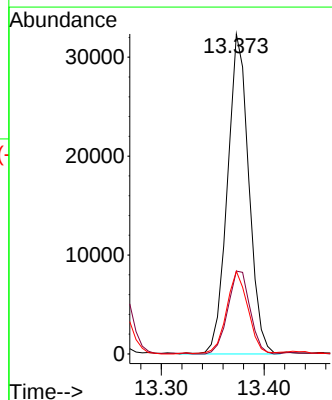
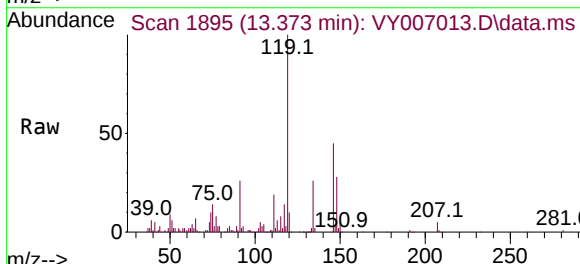
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

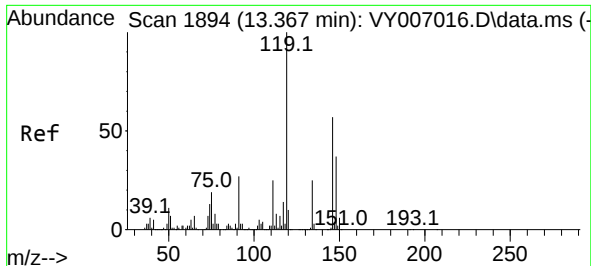
Tgt Ion:105 Resp: 57807  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.0 29.8



#86  
 p-Isopropyltoluene  
 Concen: 6.022 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY007013.D  
 Acq: 05 Jan 2022 10:54

Tgt Ion:119 Resp: 46812  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.0 38.9  
 91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.726 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

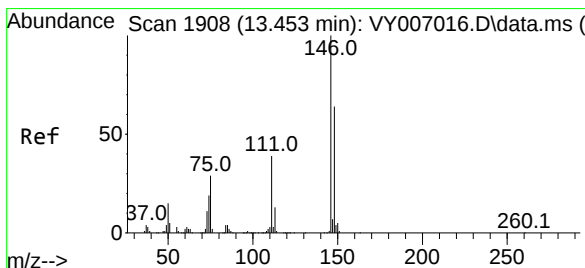
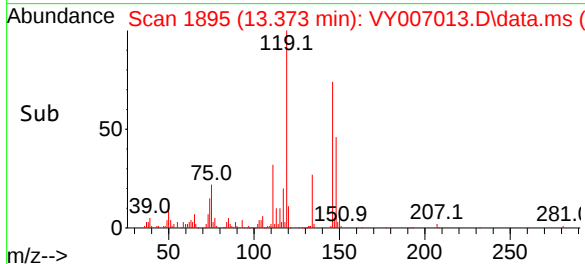
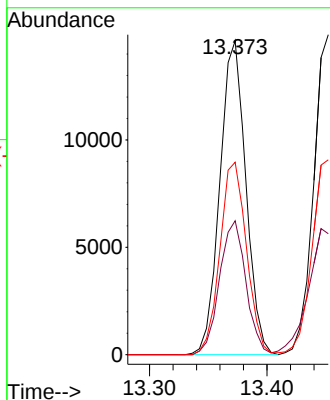
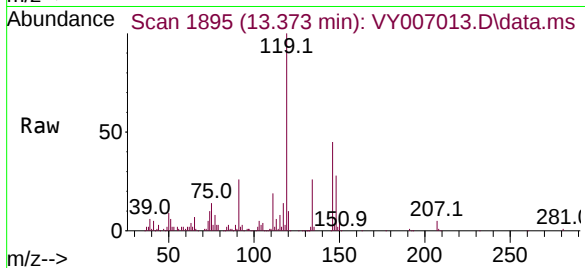
Tgt Ion:146 Resp: 22466

Ion Ratio Lower Upper

146 100

111 43.4 21.4 64.2

148 62.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 5.759 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

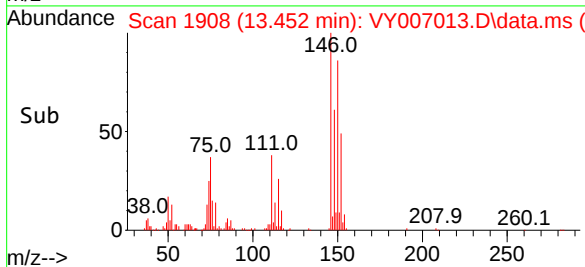
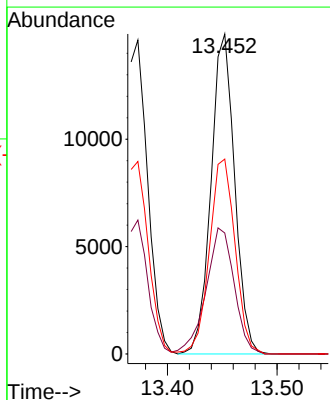
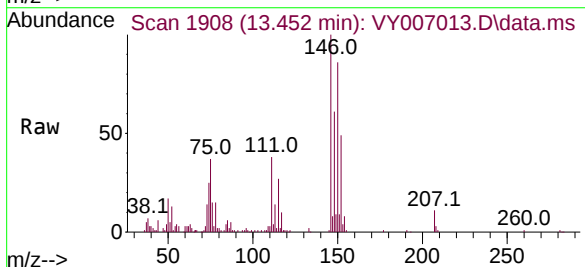
Tgt Ion:146 Resp: 22375

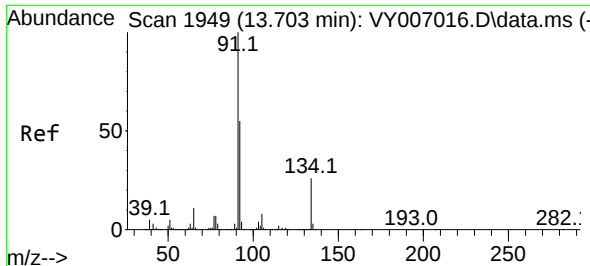
Ion Ratio Lower Upper

146 100

111 46.9 20.8 62.4

148 65.9 31.9 95.9

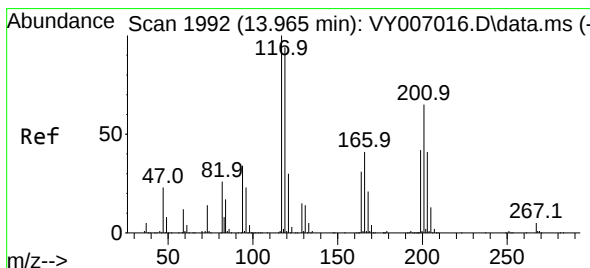
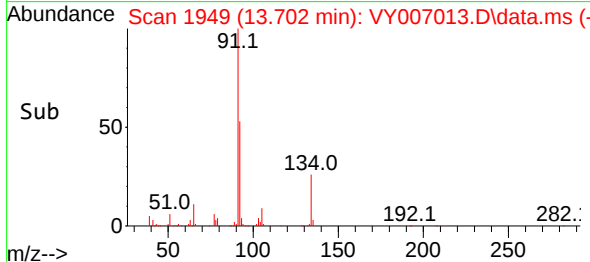
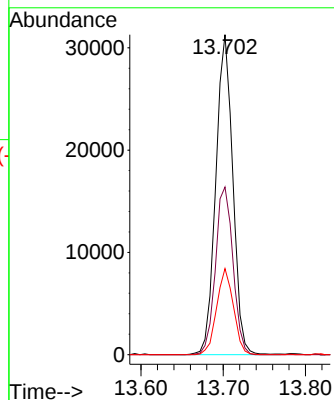
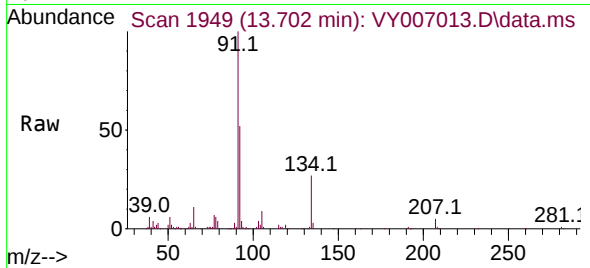




#89  
n-Butylbenzene  
Concen: 6.056 ug/l  
RT: 13.702 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

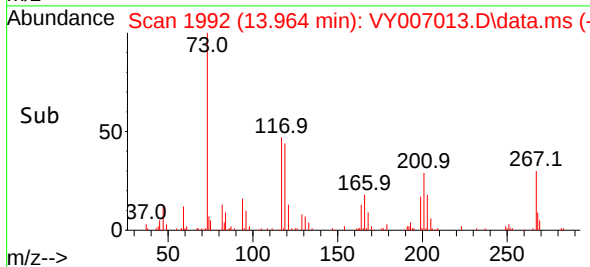
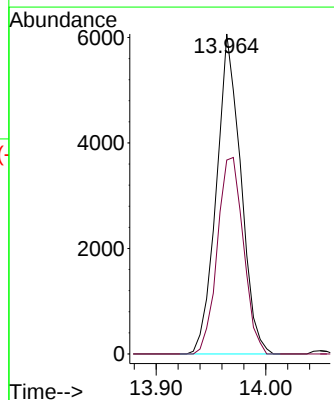
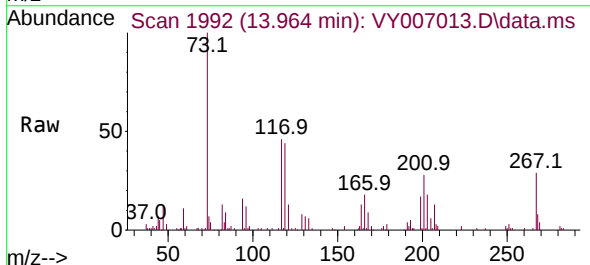
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

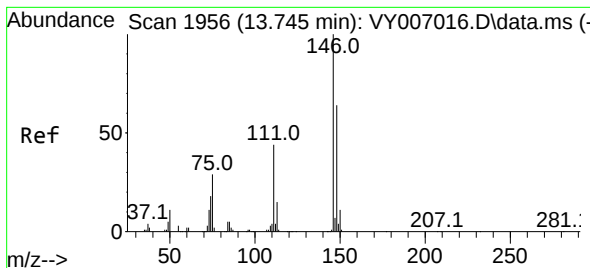
Tgt Ion: 91 Resp: 45030  
Ion Ratio Lower Upper  
91 100  
92 53.9 27.1 81.3  
134 26.5 12.9 38.7



#90  
Hexachloroethane  
Concen: 6.523 ug/l  
RT: 13.964 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY007013.D  
Acq: 05 Jan 2022 10:54

Tgt Ion: 117 Resp: 9374  
Ion Ratio Lower Upper  
117 100  
201 65.5 34.2 102.5





#91

1,2-Dichlorobenzene

Concen: 5.612 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

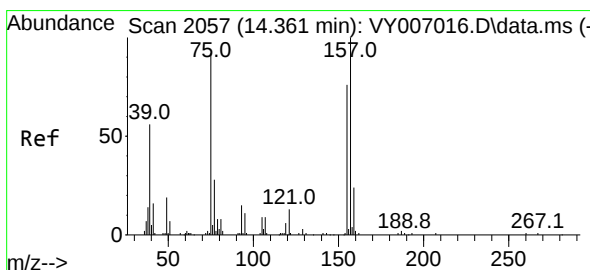
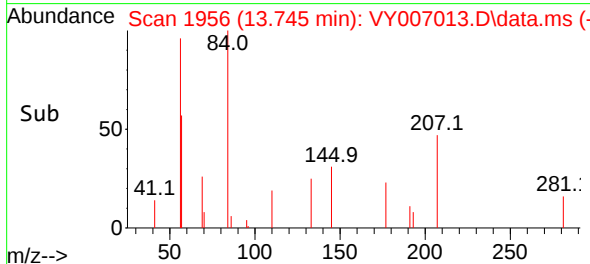
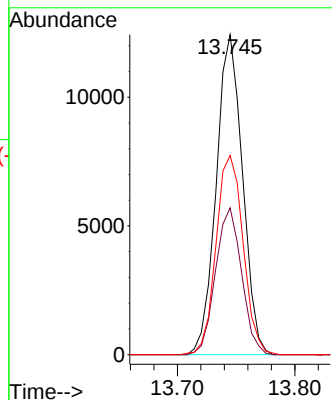
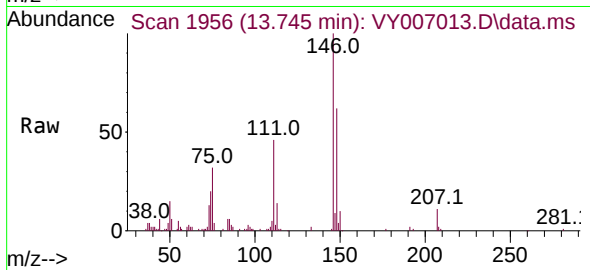
Tgt Ion:146 Resp: 19303

Ion Ratio Lower Upper

146 100

111 45.5 22.2 66.6

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.458 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

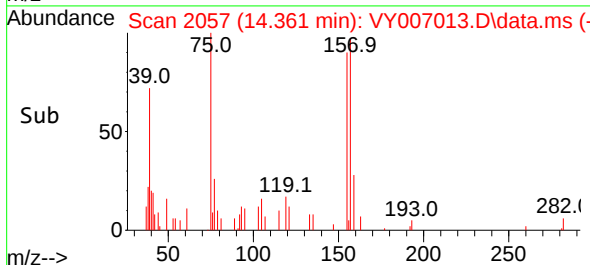
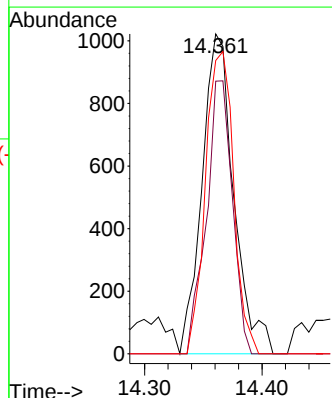
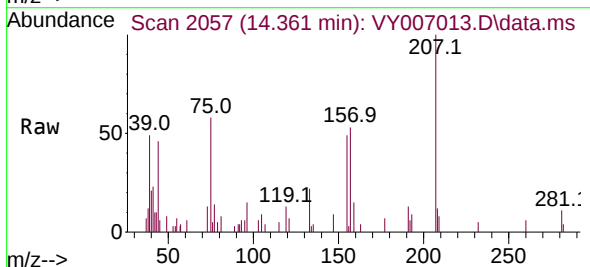
Tgt Ion: 75 Resp: 1924

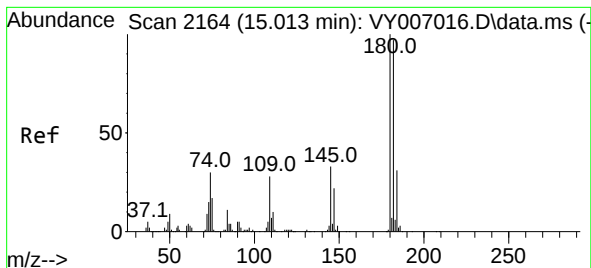
Ion Ratio Lower Upper

75 100

155 70.0 41.8 125.3

157 83.5 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 5.137 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

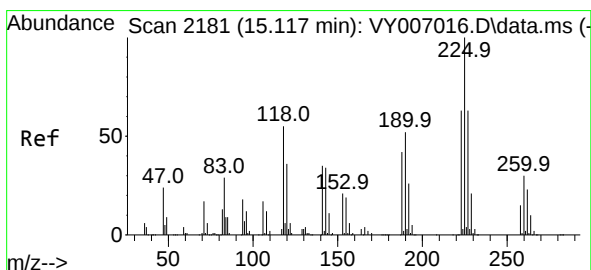
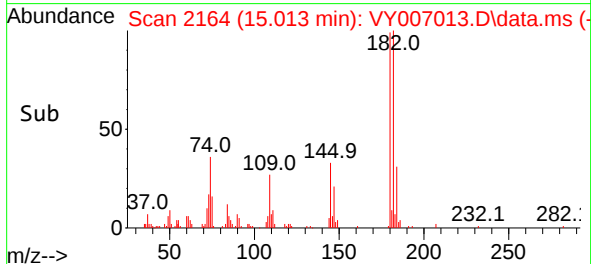
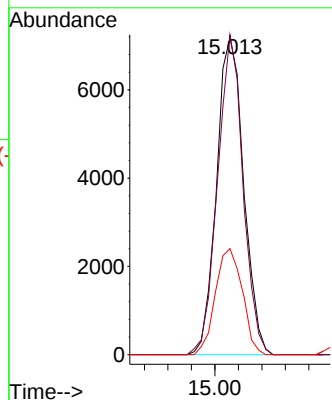
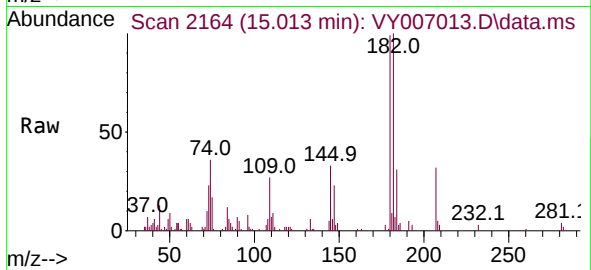
Tgt Ion:180 Resp: 11486

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 33.3 17.0 51.0



#94

Hexachlorobutadiene

Concen: 4.498 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

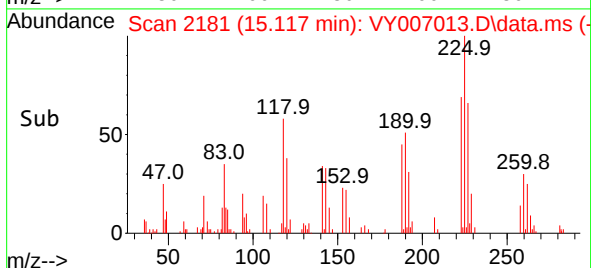
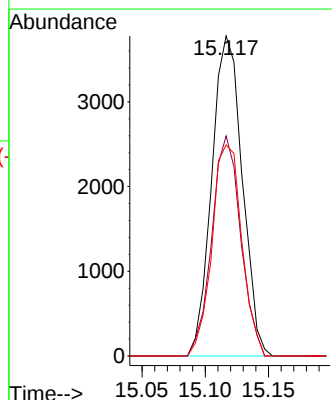
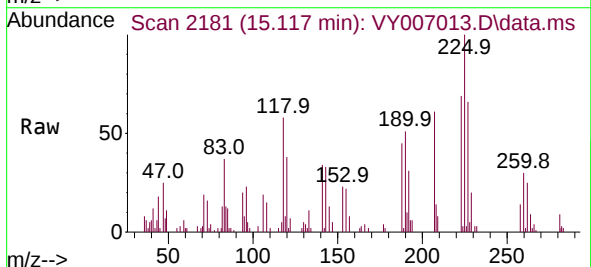
Tgt Ion:225 Resp: 6320

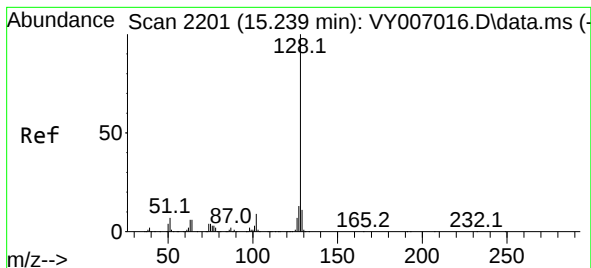
Ion Ratio Lower Upper

225 100

223 65.1 31.6 95.0

227 64.5 31.6 94.8





#95

Naphthalene

Concen: 5.057 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

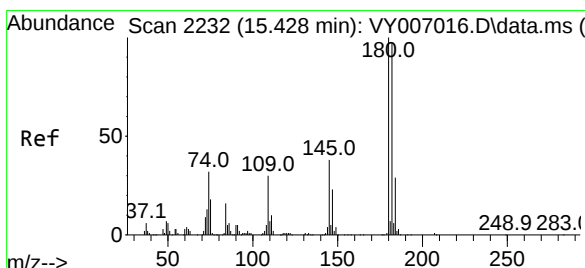
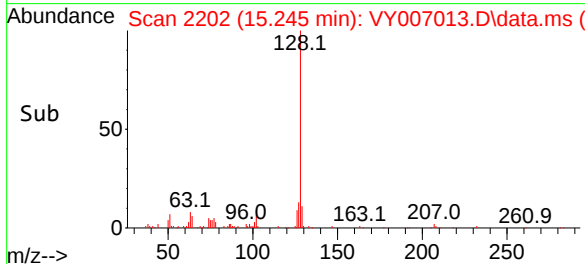
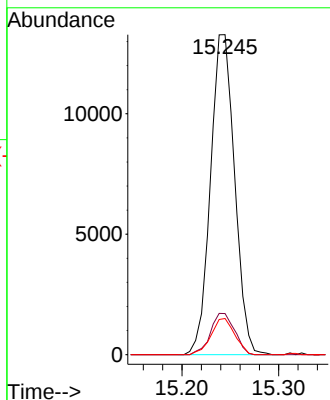
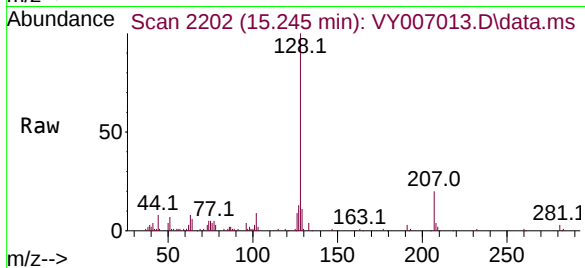
Tgt Ion:128 Resp: 23043

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.899 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY007013.D

Acq: 05 Jan 2022 10:54

Tgt Ion:180 Resp: 9681

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.7

145 37.6 18.0 54.0

