

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032921\  
 Data File : VY004218.D  
 Acq On : 29 Mar 2021 18:17  
 Operator : SY/MD  
 Sample : VSTDIC100  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

Quant Time: Mar 30 06:16:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:12:49 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 201933   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 310044   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.495 | 117  | 274047   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 132300   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 179698   | 91.39    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 182.78%# |
| 35) Dibromofluoromethane    | 7.728  | 113   | 162879   | 94.09    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 188.18%# |
| 50) Toluene-d8              | 10.185 | 98    | 597210   | 88.51    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 177.02%# |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 206065   | 83.73    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 167.46%# |

|                              |       |     |         |        |          |
|------------------------------|-------|-----|---------|--------|----------|
| Target Compounds             |       |     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 169650  | 100.33 | ug/l 99  |
| 3) Chloromethane             | 2.119 | 50  | 226502  | 100.61 | ug/l 99  |
| 4) Vinyl Chloride            | 2.253 | 62  | 248484  | 99.39  | ug/l 99  |
| 5) Bromomethane              | 2.649 | 94  | 144197  | 92.53  | ug/l 99  |
| 6) Chloroethane              | 2.796 | 64  | 166548  | 108.87 | ug/l 99  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 333808  | 101.19 | ug/l 98  |
| 8) Diethyl Ether             | 3.539 | 74  | 108984  | 103.81 | ug/l 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 181083  | 98.88  | ug/l 100 |
| 10) Methyl Iodide            | 4.100 | 142 | 217993  | 114.58 | ug/l 100 |
| 11) Tert butyl alcohol       | 4.978 | 59  | 82081   | 465.72 | ug/l 97  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 176554  | 98.09  | ug/l 96  |
| 13) Acrolein                 | 3.741 | 56  | 59607   | 361.36 | ug/l 97  |
| 14) Allyl chloride           | 4.490 | 41  | 287278  | 97.53  | ug/l 99  |
| 15) Acrylonitrile            | 5.179 | 53  | 265391  | 512.30 | ug/l 99  |
| 16) Acetone                  | 3.960 | 43  | 195216  | 424.12 | ug/l 99  |
| 17) Carbon Disulfide         | 4.204 | 76  | 487092  | 92.93  | ug/l 100 |
| 18) Methyl Acetate           | 4.490 | 43  | 130798  | 108.52 | ug/l 98  |
| 19) Methyl tert-butyl Ether  | 5.234 | 73  | 539298  | 105.58 | ug/l 100 |
| 20) Methylene Chloride       | 4.728 | 84  | 190833  | 81.90  | ug/l 99  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 199654  | 98.74  | ug/l 95  |
| 22) Diisopropyl ether        | 6.130 | 45  | 639295  | 102.59 | ug/l 99  |
| 23) Vinyl Acetate            | 6.075 | 43  | 2217825 | 538.23 | ug/l 100 |
| 24) 1,1-Dichloroethane       | 6.033 | 63  | 345462  | 99.77  | ug/l 99  |
| 25) 2-Butanone               | 6.996 | 43  | 349584  | 507.41 | ug/l 99  |
| 26) 2,2-Dichloropropane      | 6.996 | 77  | 321705  | 97.73  | ug/l 99  |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 226431  | 98.80  | ug/l 99  |
| 28) Bromochloromethane       | 7.344 | 49  | 127274  | 86.10  | ug/l 99  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 242558  | 534.36 | ug/l 99  |
| 30) Chloroform               | 7.514 | 83  | 361445  | 100.51 | ug/l 100 |
| 31) Cyclohexane              | 7.789 | 56  | 317700  | 90.62  | ug/l 98  |
| 32) 1,1,1-Trichloroethane    | 7.709 | 97  | 334081  | 100.32 | ug/l 99  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 282155  | 102.33 | ug/l 99  |
| 37) Ethyl Acetate            | 7.088 | 43  | 169190  | 113.49 | ug/l 99  |
| 38) Carbon Tetrachloride     | 7.911 | 117 | 270137  | 94.81  | ug/l 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 355675  | 100.32 | ug/l 98  |
| 40) Benzene                  | 8.167 | 78  | 798669  | 102.84 | ug/l 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032921\  
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 Acq On : 29 Mar 2021 18:17  
 Operator : SY/MD  
 Sample : VSTDICC100  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC100

Quant Time: Mar 30 06:16:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:12:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 231364   | 254.56  | ug/l # | 32       |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 254158   | 106.78  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.282  | 43   | 326331   | 109.64  | ug/l   | 100      |
| 44) Trichloroethene           | 8.947  | 130  | 241905   | 106.00  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 196921   | 101.93  | ug/l   | 98       |
| 46) Dibromomethane            | 9.313  | 93   | 117990   | 106.25  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 281060   | 102.10  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.301  | 41   | 150670   | 107.04  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 27529    | 1989.95 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 850022   | 565.26  | ug/l   | 100      |
| 52) Toluene                   | 10.245 | 92   | 516794   | 102.74  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 302600   | 104.23  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 335729   | 103.10  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 159465   | 103.00  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 232288   | 107.61  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 277973   | 104.59  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 405302   | 423.88  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 579828   | 551.66  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.989 | 129  | 198441   | 102.66  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 158750   | 104.78  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 248020   | 104.91  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 540643   | 102.14  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 198976   | 101.24  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 999035   | 102.64  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 765655   | 206.20  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 355462   | 101.63  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 605051   | 101.41  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 118301   | 101.52  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.330 | 105  | 952468   | 102.26  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 296546   | 111.34  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 179980   | 110.73  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 248771   | 196.96  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 220114   | 102.16  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 1109355  | 101.36  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 604347   | 98.64   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 780239   | 99.34   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 69183    | 107.75  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 639062   | 98.75   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 680931   | 101.04  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 782404   | 99.61   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 921061   | 99.00   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 864517   | 100.07  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 413832   | 100.17  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 407824   | 98.82   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 800039   | 97.76   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.964 | 117  | 82838    | 59.33   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 369768   | 100.78  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 32770    | 107.80  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 266055   | 106.07  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.110 | 225  | 142281   | 101.98  | ug/l   | 100      |
| 95) Naphthalene               | 15.238 | 128  | 582787   | 116.12  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.427 | 180  | 239775   | 112.77  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032921\  
Data File : VY004218.D  
Acq On : 29 Mar 2021 18:17  
Operator : SY/MD  
Sample : VSTDICC100  
Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

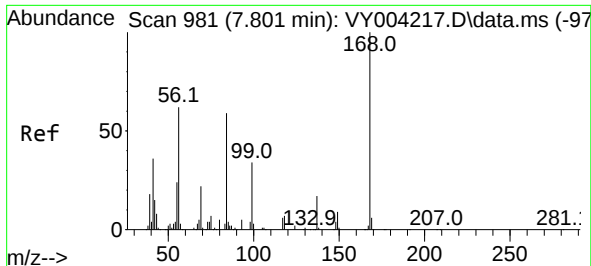
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

Quant Time: Mar 30 06:16:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 30 06:12:49 2021  
Response via : Initial Calibration

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

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

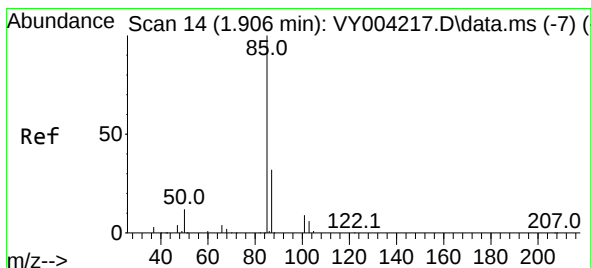
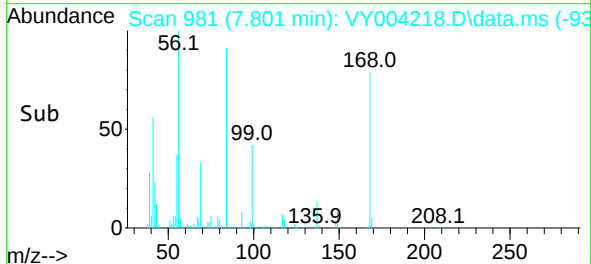
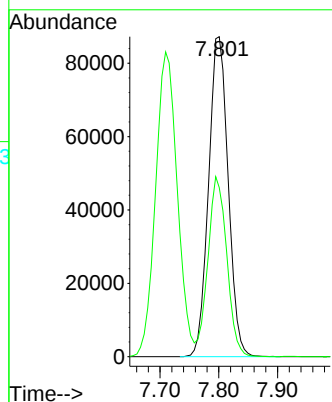
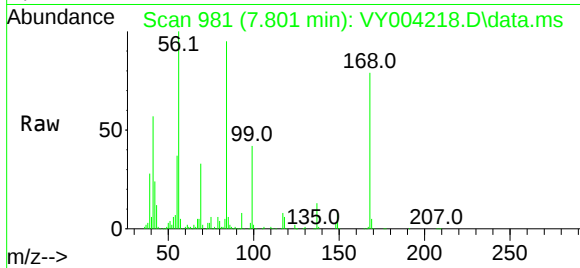




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

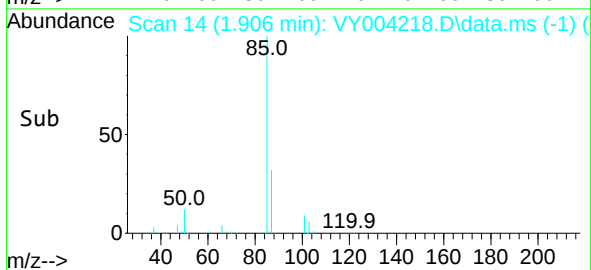
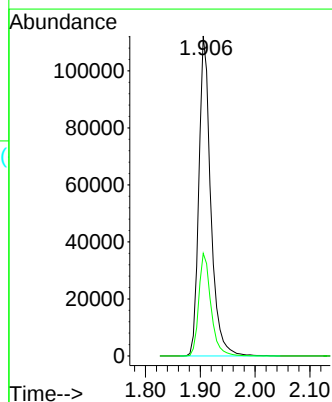
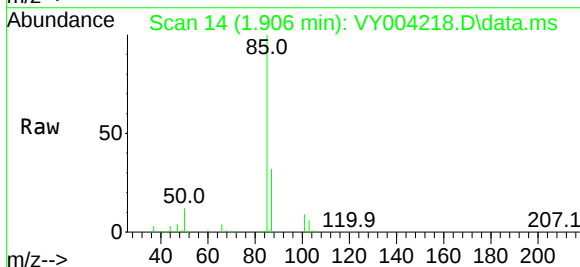
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

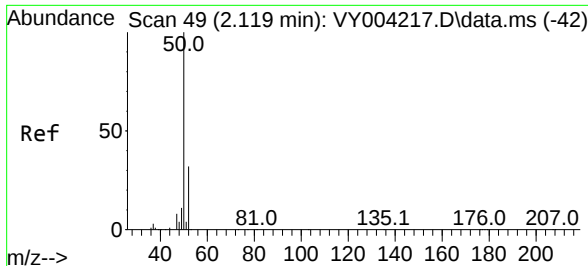
Tgt Ion:168 Resp: 201933  
Ion Ratio Lower Upper  
168 100  
99 52.8 42.6 64.0



#2  
Dichlorodifluoromethane  
Concen: 100.33 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 85 Resp: 169650  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.8 47.4

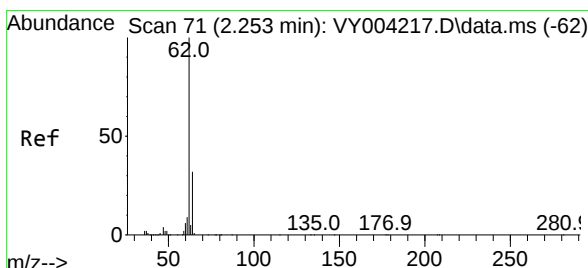
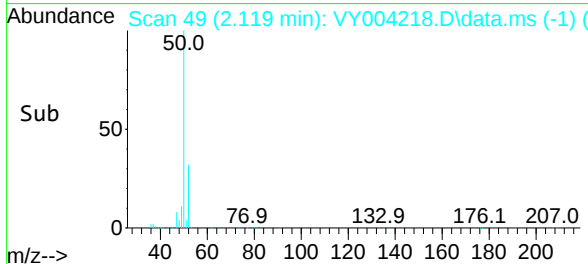
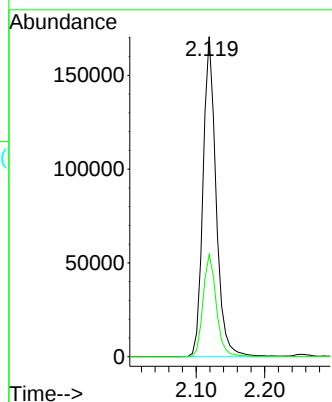
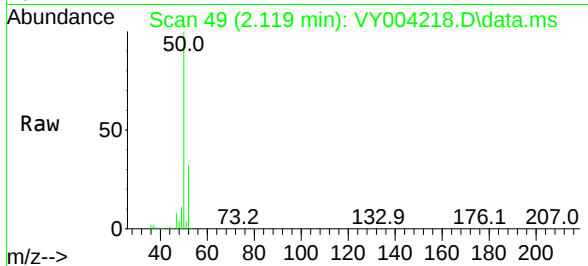




#3  
Chloromethane  
Concen: 100.61 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

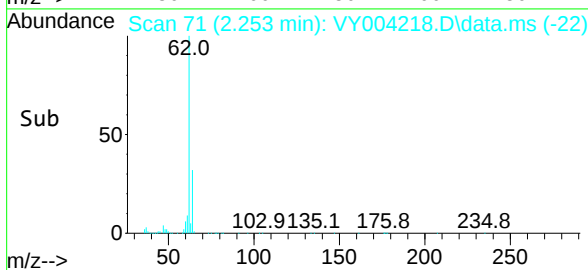
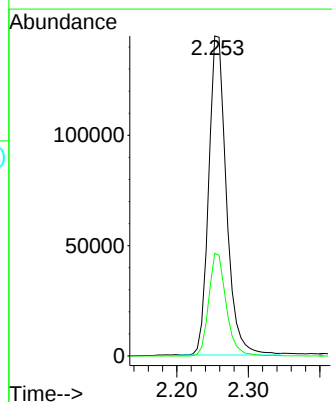
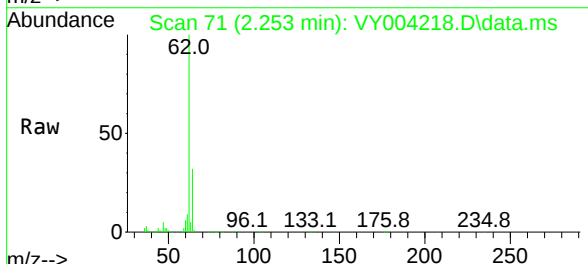
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

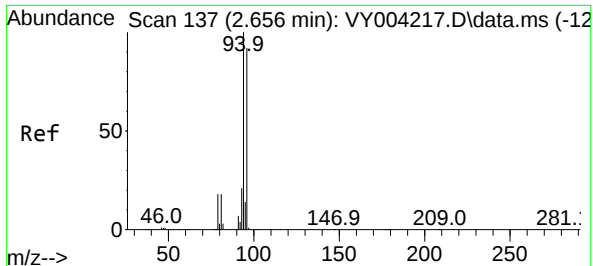
Tgt Ion: 50 Resp: 226502  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.9 38.9



#4  
Vinyl Chloride  
Concen: 99.39 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 62 Resp: 248484  
Ion Ratio Lower Upper  
62 100  
64 32.2 26.0 39.0

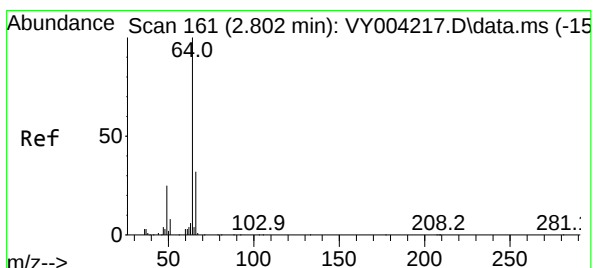
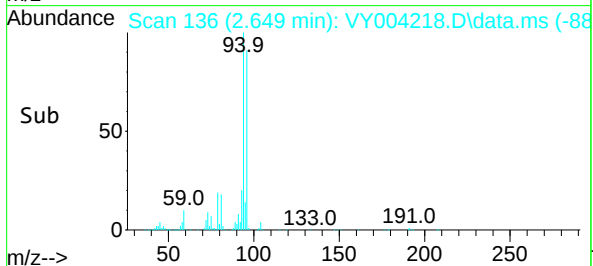
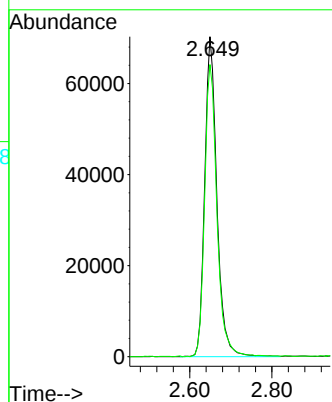
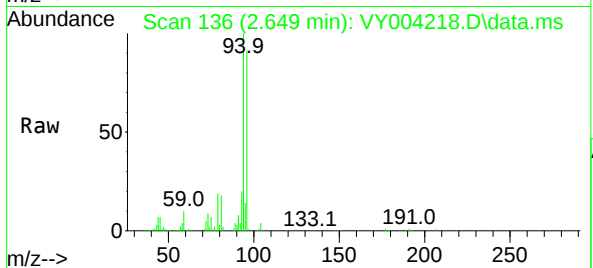




#5  
Bromomethane  
Concen: 92.53 ug/l  
RT: 2.649 min Scan# 136  
Delta R.T. -0.007 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

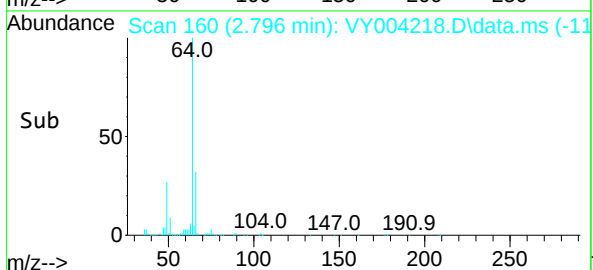
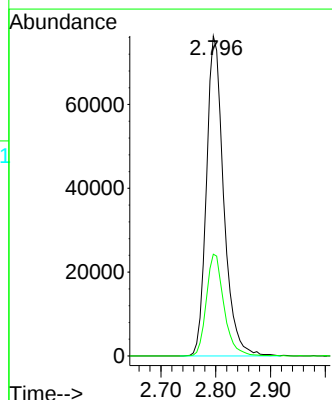
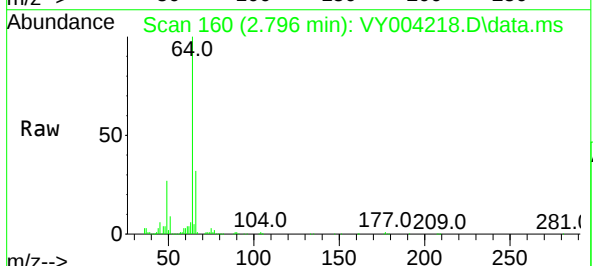
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

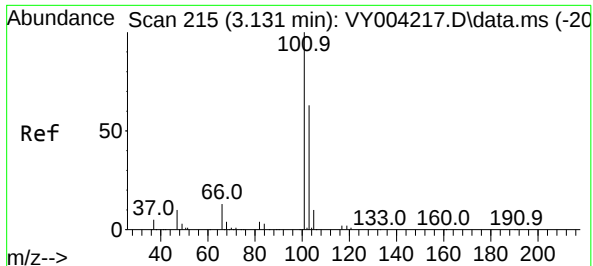
Tgt Ion: 94 Resp: 144197  
Ion Ratio Lower Upper  
94 100  
96 91.2 73.8 110.6



#6  
Chloroethane  
Concen: 108.87 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.007 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 64 Resp: 166548  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.8 38.8

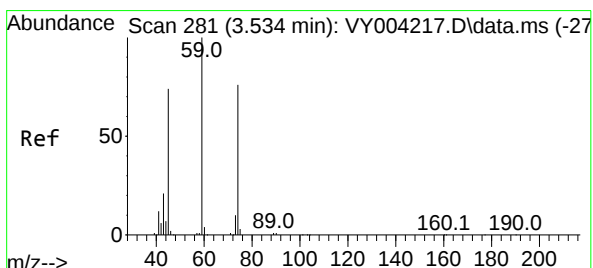
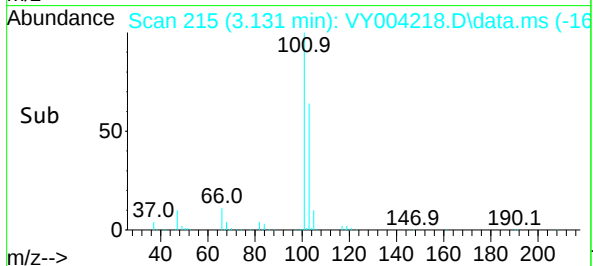
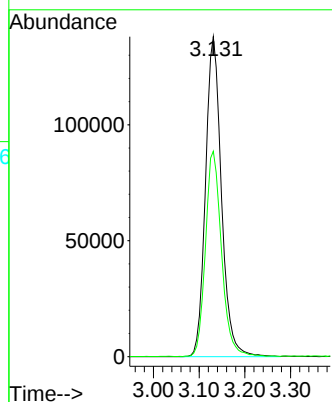
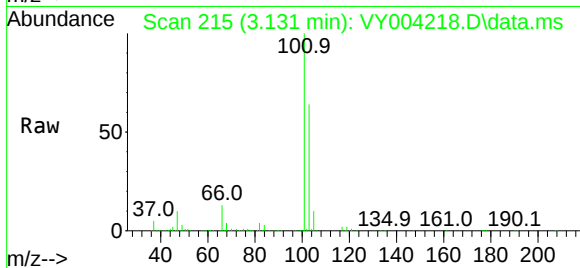




#7  
Trichlorofluoromethane  
Concen: 101.19 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

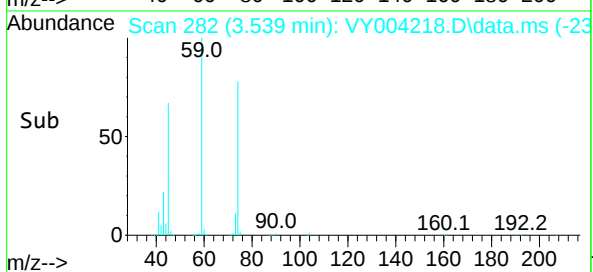
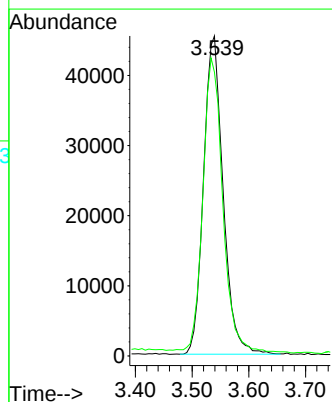
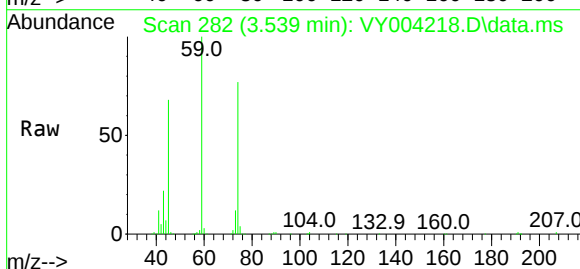
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

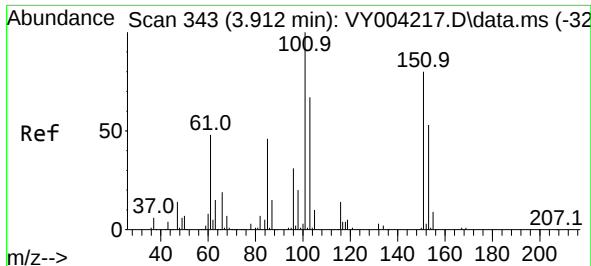
Tgt Ion:101 Resp: 333808  
Ion Ratio Lower Upper  
101 100  
103 64.1 50.2 75.2



#8  
Diethyl Ether  
Concen: 103.81 ug/l  
RT: 3.539 min Scan# 282  
Delta R.T. 0.006 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 74 Resp: 108984  
Ion Ratio Lower Upper  
74 100  
45 94.6 48.1 144.3

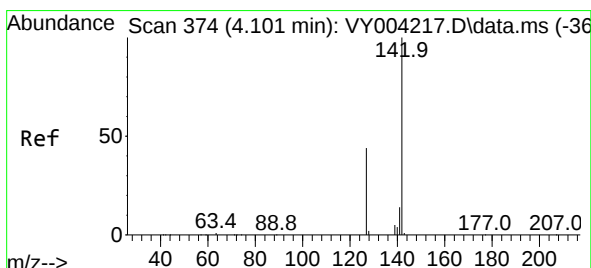
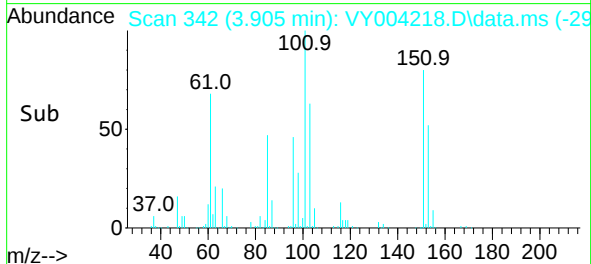
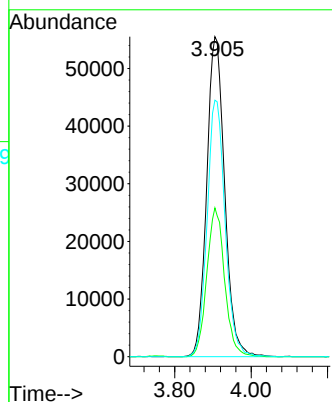
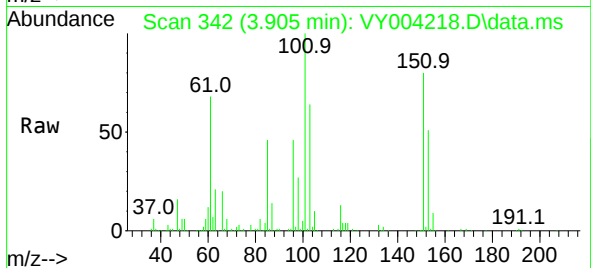




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 98.88 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.007 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

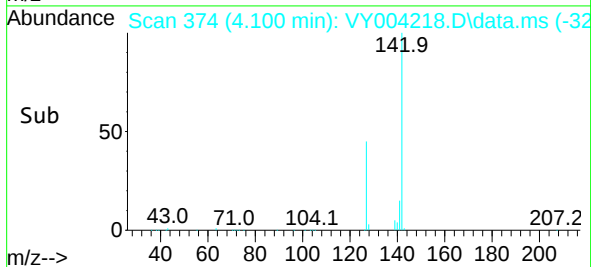
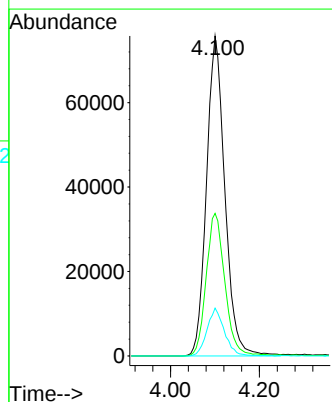
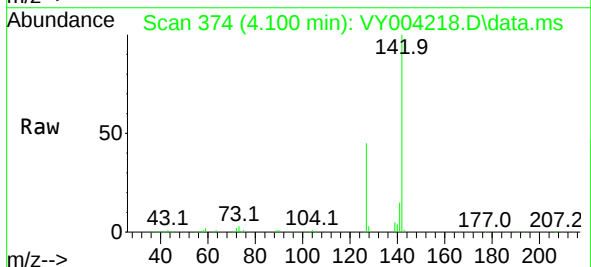
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

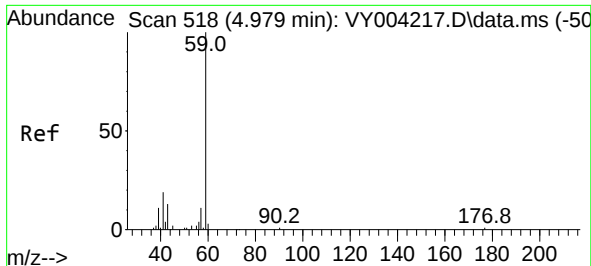
Tgt Ion:101 Resp: 181083  
Ion Ratio Lower Upper  
101 100  
85 46.0 37.2 55.8  
151 80.3 64.2 96.2



#10  
Methyl Iodide  
Concen: 114.58 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

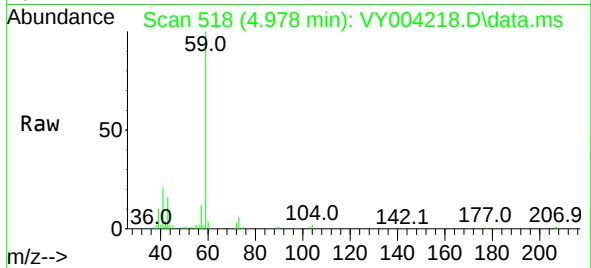
Tgt Ion:142 Resp: 217993  
Ion Ratio Lower Upper  
142 100  
127 45.3 36.0 54.0  
141 14.2 11.3 16.9



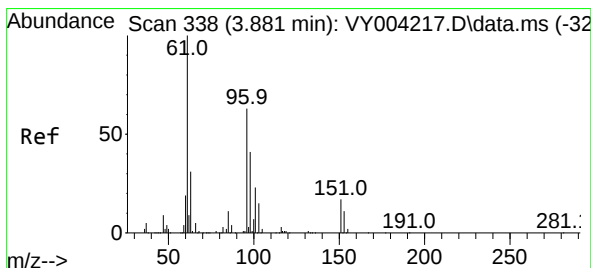
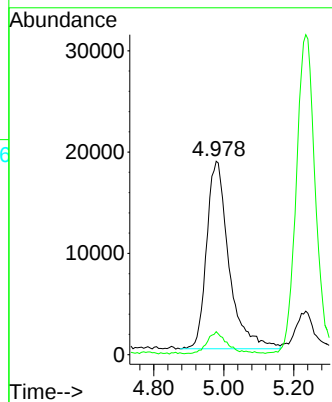
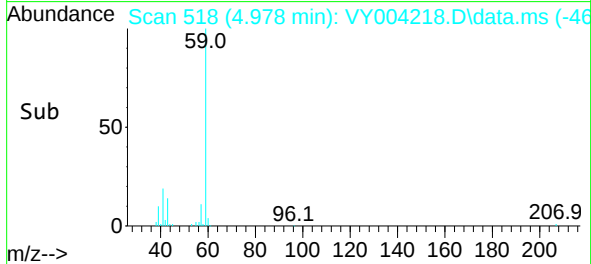


#11  
Tert butyl alcohol  
Concen: 465.72 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

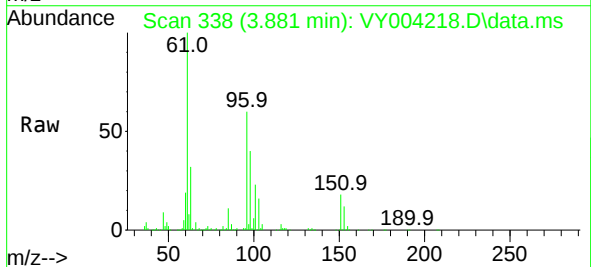
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



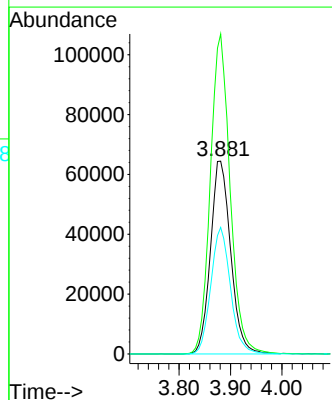
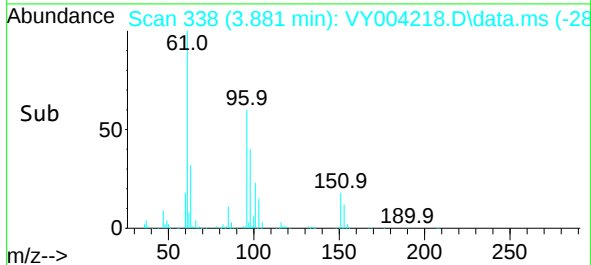
Tgt Ion: 59 Resp: 82081  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 98.09 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17



Tgt Ion: 96 Resp: 176554  
Ion Ratio Lower Upper  
96 100  
61 166.0 127.2 190.8  
98 65.7 51.8 77.8

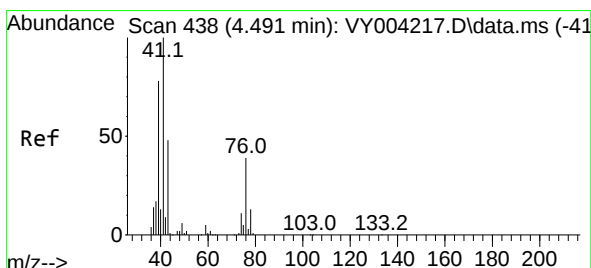
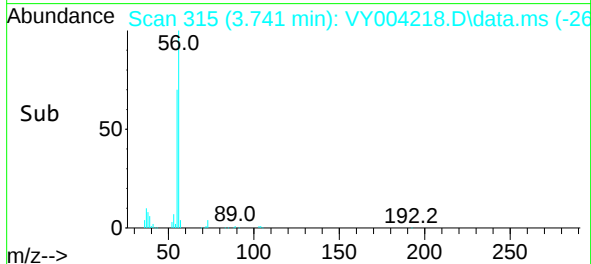
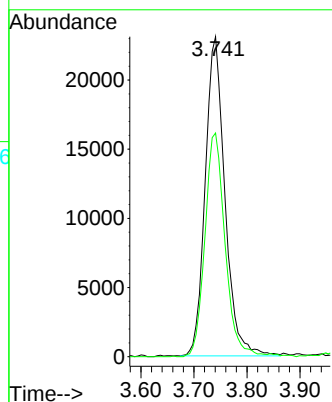
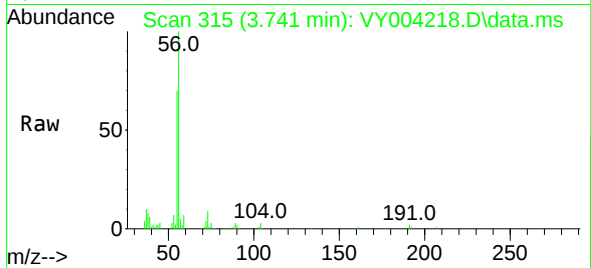




#13  
Acrolein  
Concen: 361.36 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

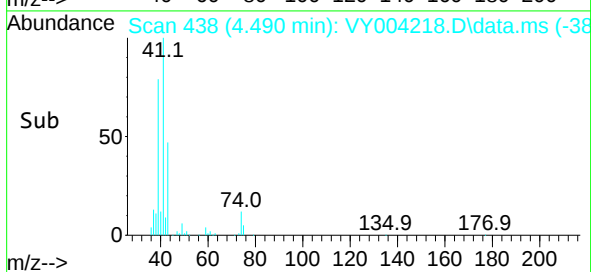
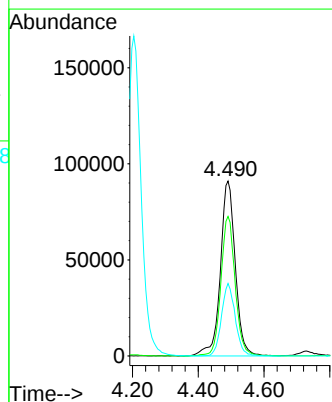
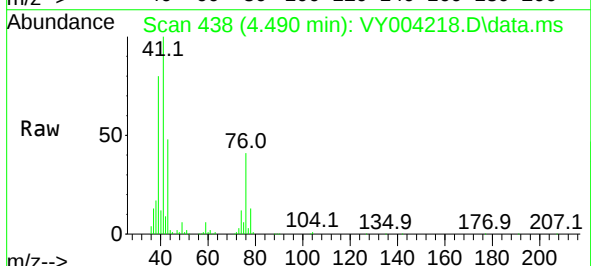
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

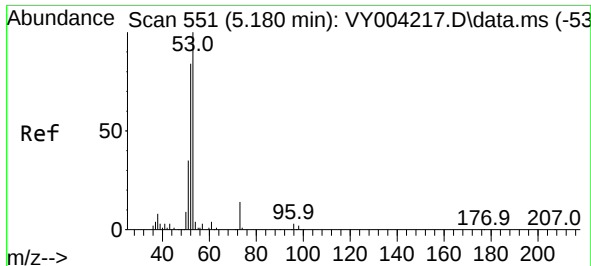
Tgt Ion: 56 Resp: 59607  
Ion Ratio Lower Upper  
56 100  
55 71.5 55.0 82.4



#14  
Allyl chloride  
Concen: 97.53 ug/l  
RT: 4.490 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 41 Resp: 287278  
Ion Ratio Lower Upper  
41 100  
39 76.2 60.2 90.4  
76 38.0 30.3 45.5

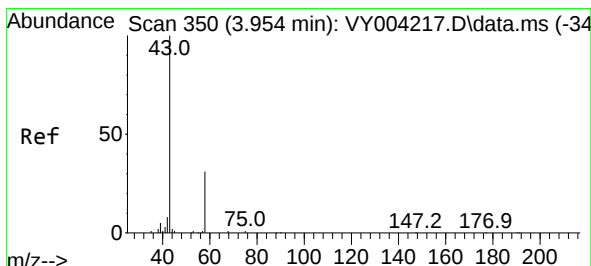
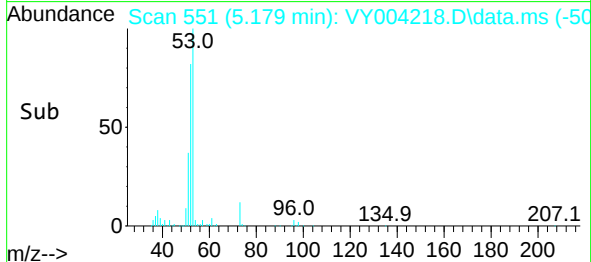
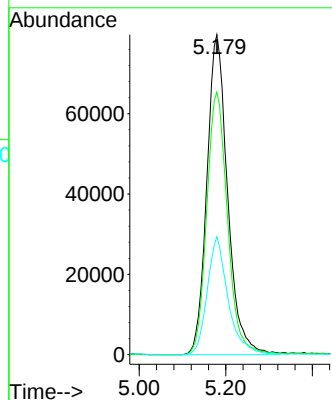
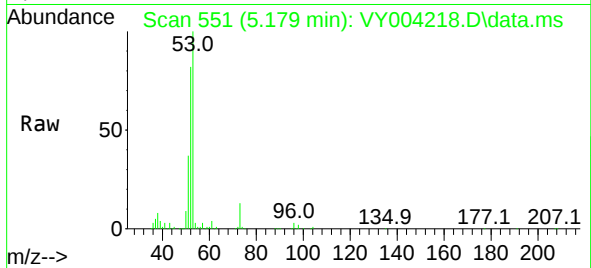




#15  
Acrylonitrile  
Concen: 512.30 ug/l  
RT: 5.179 min Scan# 551  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

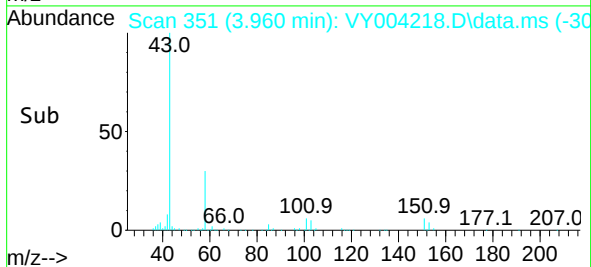
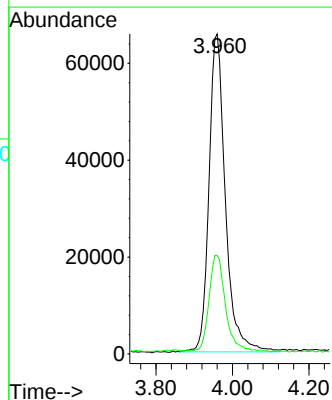
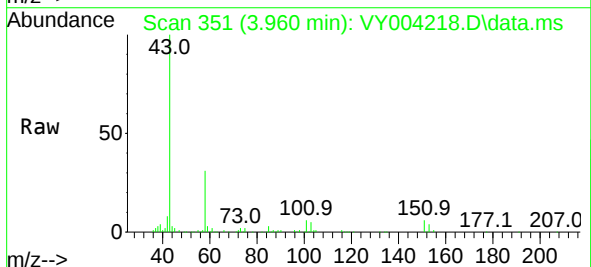
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

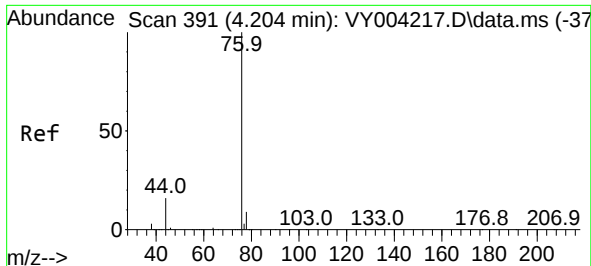
Tgt Ion: 53 Resp: 265391  
Ion Ratio Lower Upper  
53 100  
52 82.2 65.3 97.9  
51 37.2 29.8 44.8



#16  
Acetone  
Concen: 424.12 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 43 Resp: 195216  
Ion Ratio Lower Upper  
43 100  
58 30.2 24.5 36.7

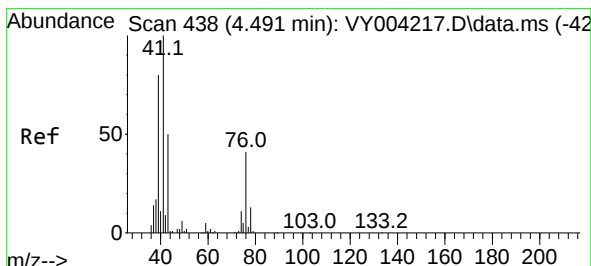
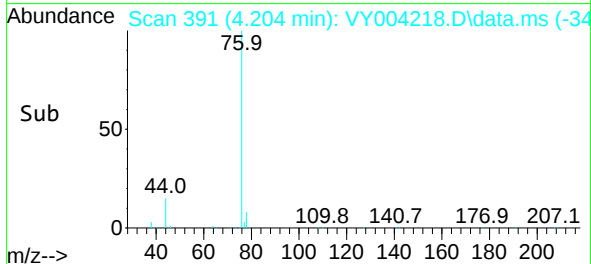
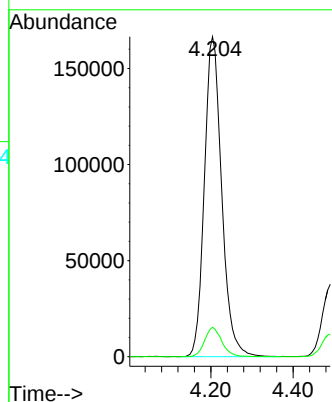
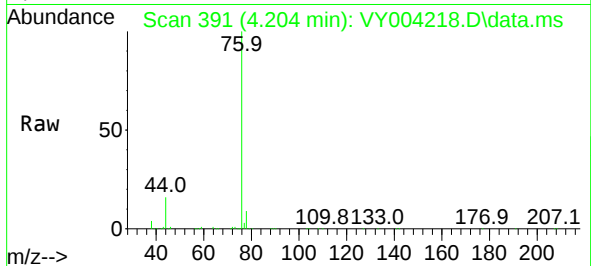




#17  
Carbon Disulfide  
Concen: 92.93 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

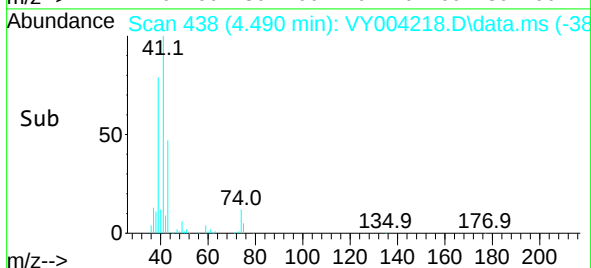
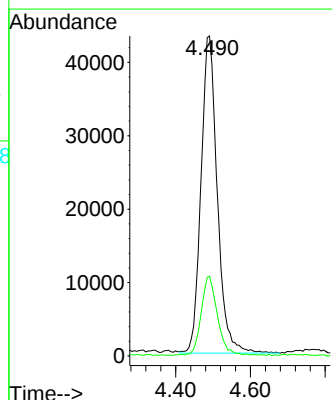
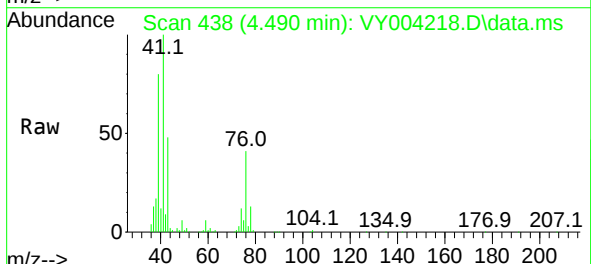
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

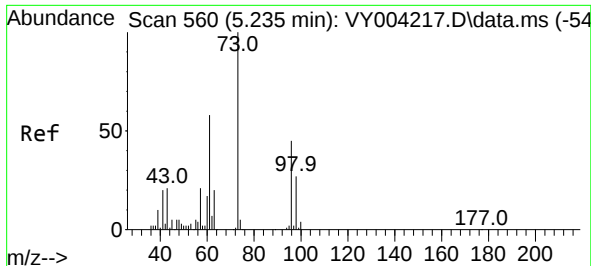
Tgt Ion: 76 Resp: 487092  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2



#18  
Methyl Acetate  
Concen: 108.52 ug/l  
RT: 4.490 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 43 Resp: 130798  
Ion Ratio Lower Upper  
43 100  
74 24.7 19.1 28.7

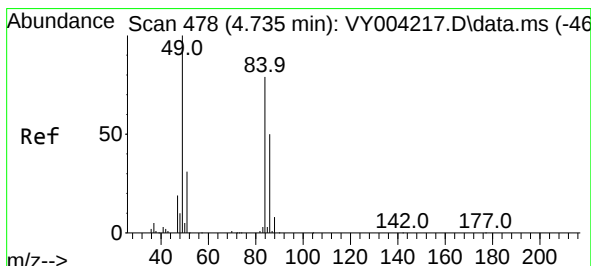
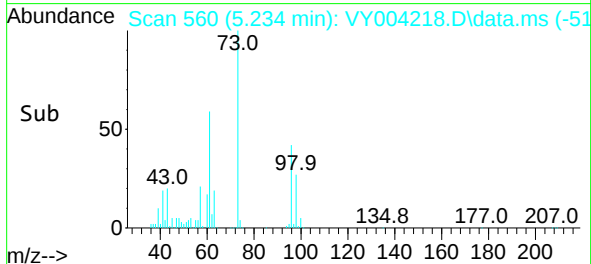
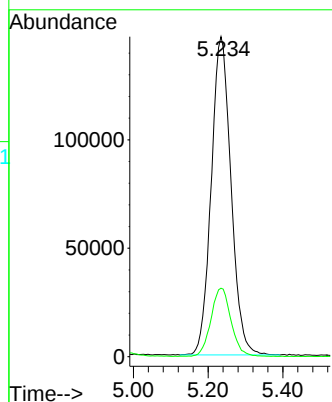
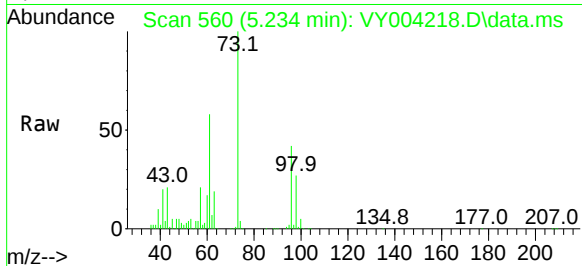




#19  
Methyl tert-butyl Ether  
Concen: 105.58 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

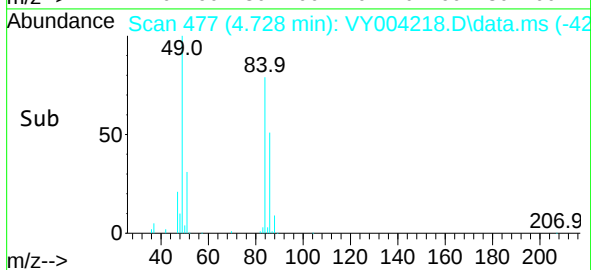
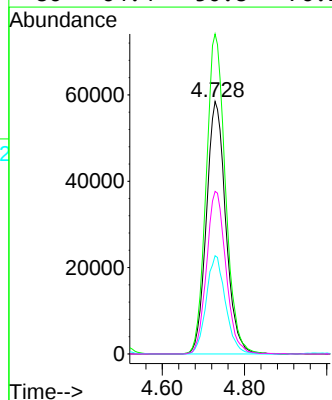
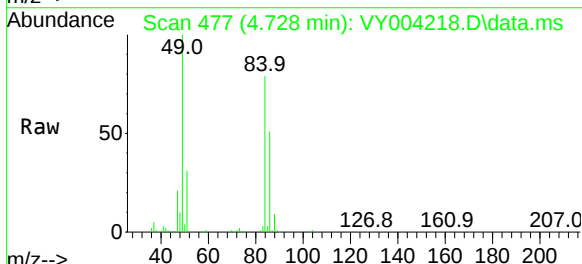
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

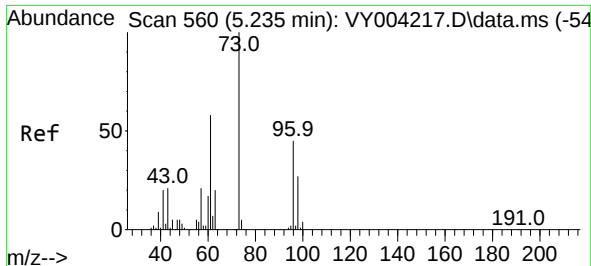
Tgt Ion: 73 Resp: 539298  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.0 25.4



#20  
Methylene Chloride  
Concen: 81.90 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.007 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 84 Resp: 190833  
Ion Ratio Lower Upper  
84 100  
49 126.7 101.5 152.3  
51 38.9 31.5 47.3  
86 64.4 50.8 76.2

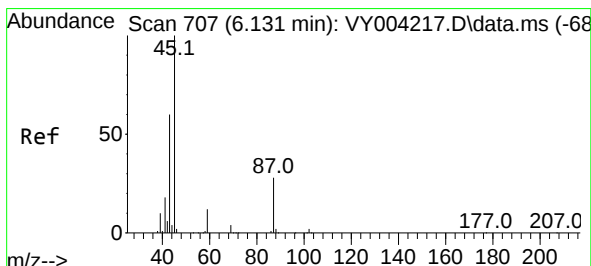
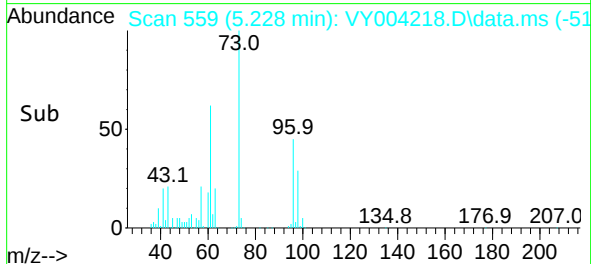
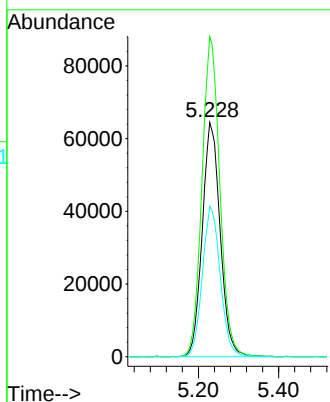
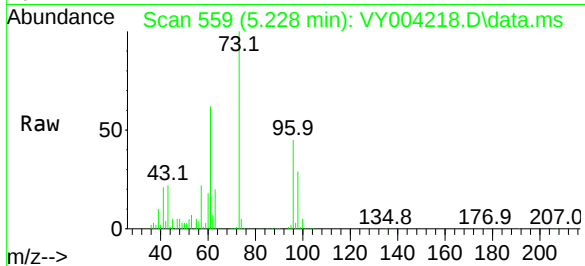




#21  
trans-1,2-Dichloroethene  
Concen: 98.74 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.007 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

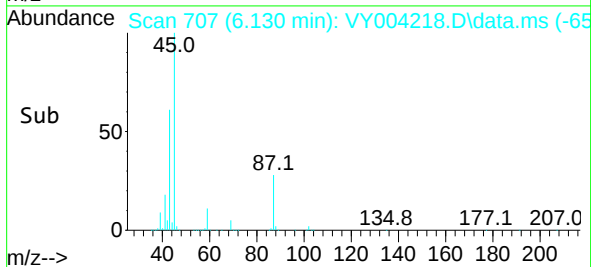
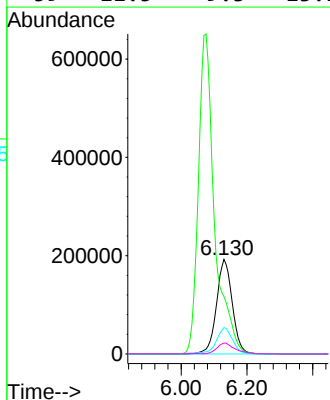
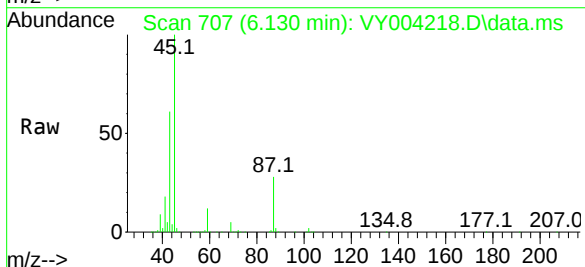
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

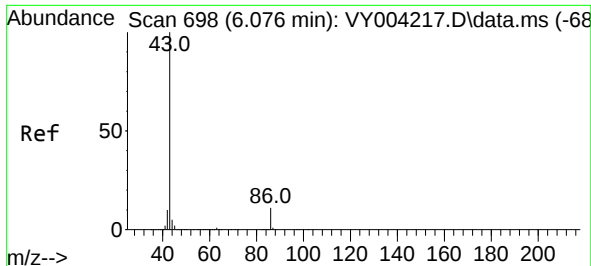
Tgt Ion: 96 Resp: 199654  
Ion Ratio Lower Upper  
96 100  
61 136.6 103.4 155.0  
98 64.2 49.3 73.9



#22  
Diisopropyl ether  
Concen: 102.59 ug/l  
RT: 6.130 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 45 Resp: 639295  
Ion Ratio Lower Upper  
45 100  
43 60.8 47.7 71.5  
87 27.9 22.7 34.1  
59 11.5 9.3 13.9

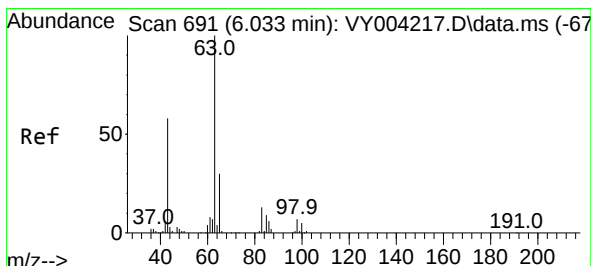
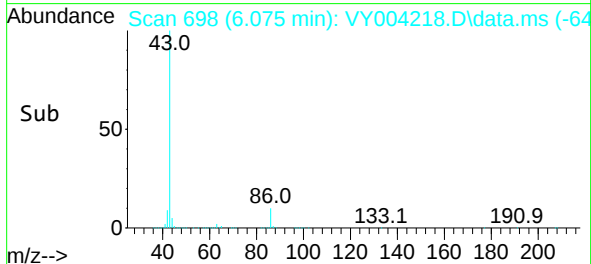
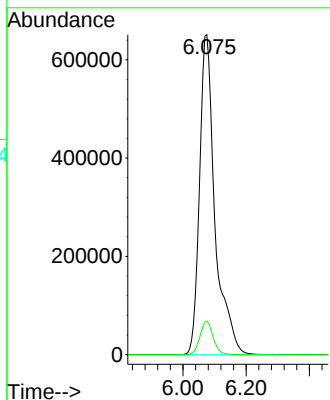
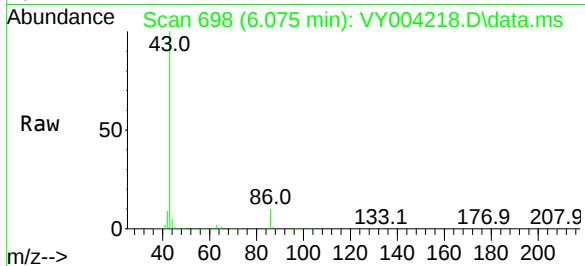




#23  
 Vinyl Acetate  
 Concen: 538.23 ug/l  
 RT: 6.075 min Scan# 698  
 Delta R.T. -0.000 min  
 Lab File: VY004218.D  
 Acq: 29 Mar 2021 18:17

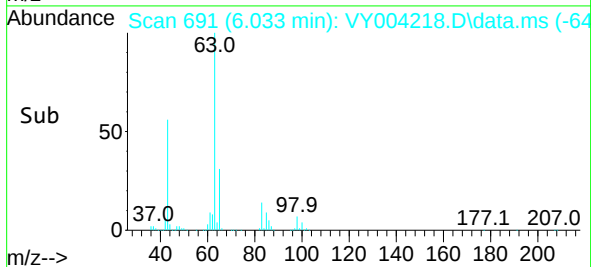
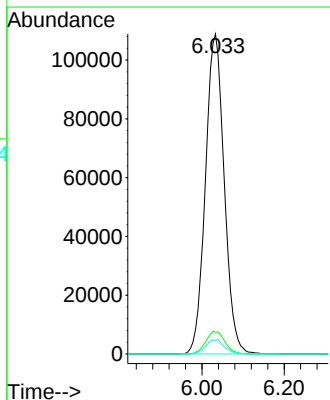
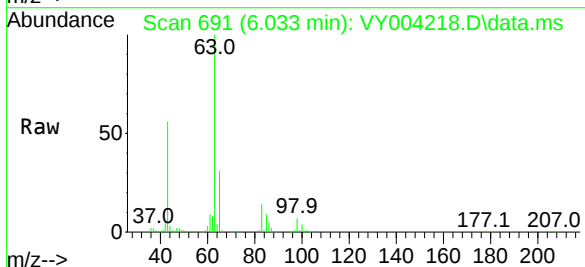
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

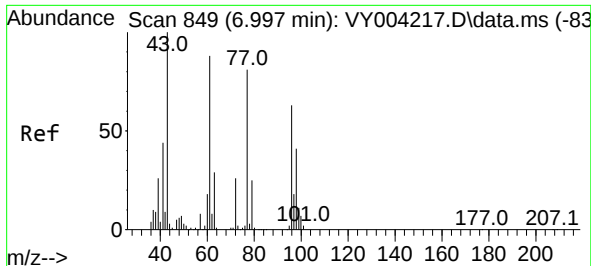
Tgt Ion: 43 Resp: 2217825  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 99.77 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. -0.000 min  
 Lab File: VY004218.D  
 Acq: 29 Mar 2021 18:17

Tgt Ion: 63 Resp: 345462  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.4  
 100 4.2 2.3 6.9

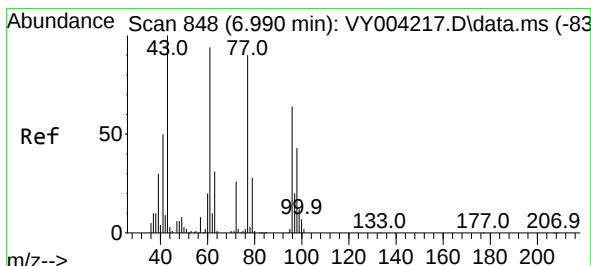
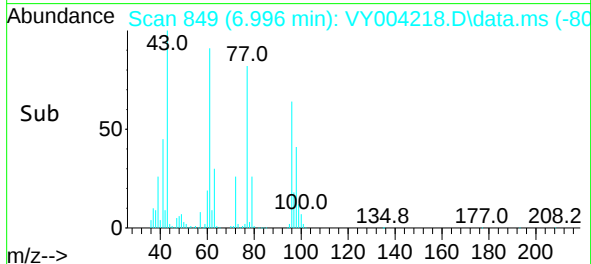
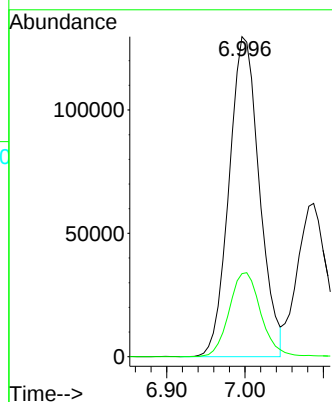
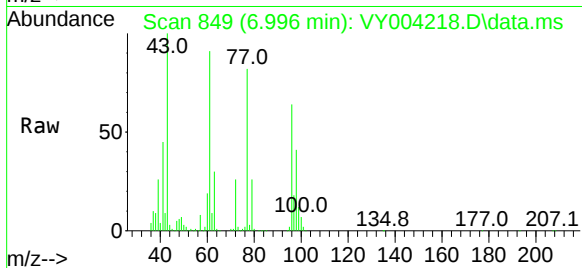




#25  
2-Butanone  
Concen: 507.41 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

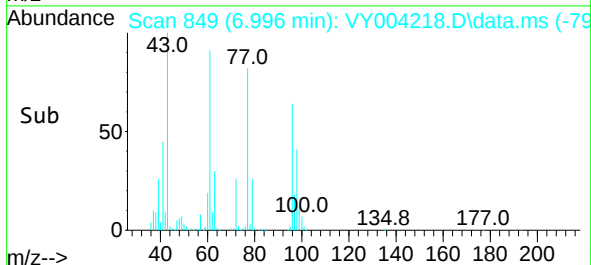
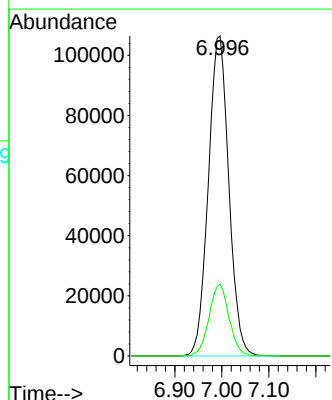
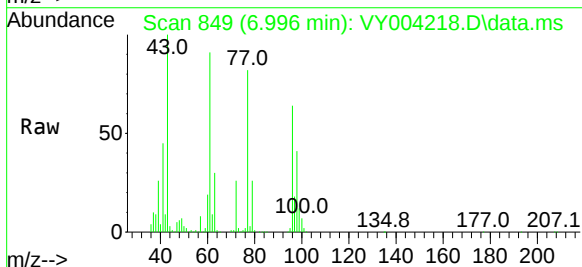
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tgt Ion: 43 Resp: 349584  
Ion Ratio Lower Upper  
43 100  
72 26.0 21.0 31.6



#26  
2,2-Dichloropropane  
Concen: 97.73 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 77 Resp: 321705  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.3 33.8

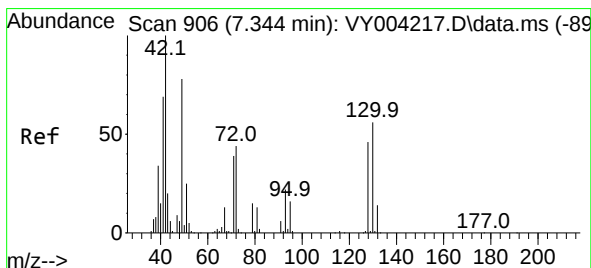
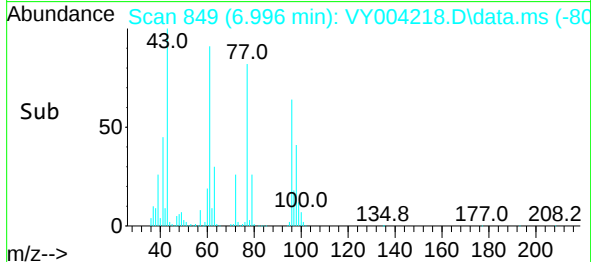
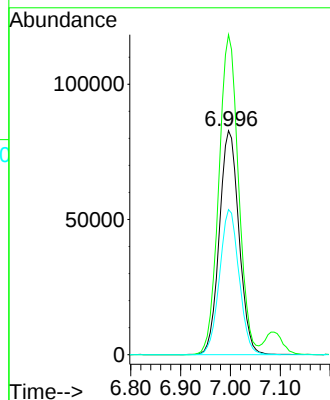
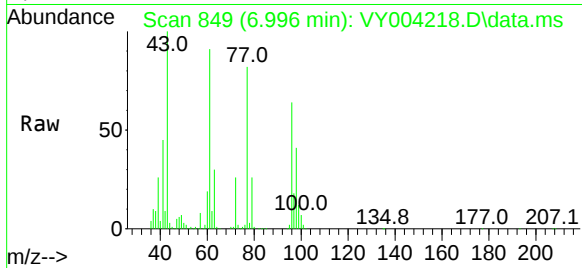




#27  
cis-1,2-Dichloroethene  
Concen: 98.80 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

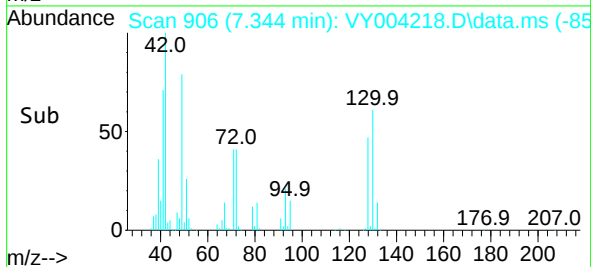
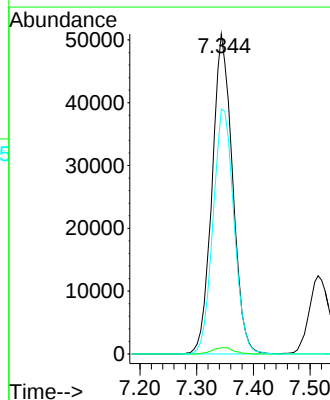
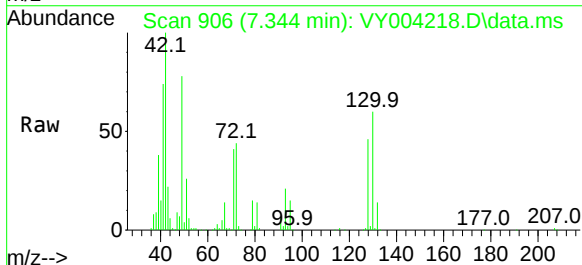
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

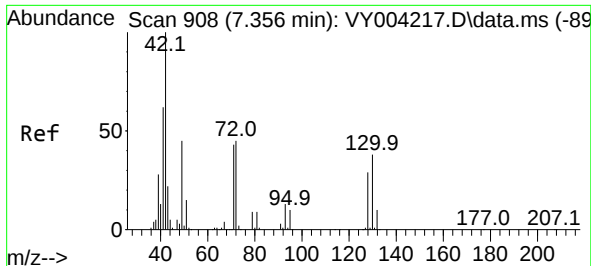
Tgt Ion: 96 Resp: 226431  
Ion Ratio Lower Upper  
96 100  
61 143.2 0.0 283.2  
98 64.6 0.0 128.2



#28  
Bromochloromethane  
Concen: 86.10 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 49 Resp: 127274  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.2  
130 78.7 62.5 93.7





#29

Tetrahydrofuran

Concen: 534.36 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

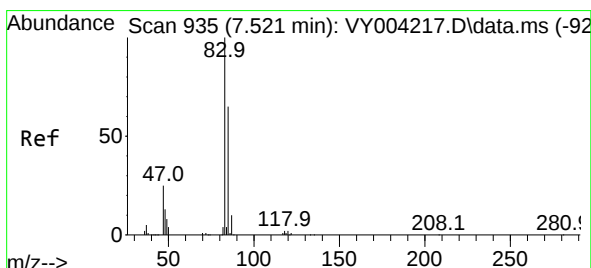
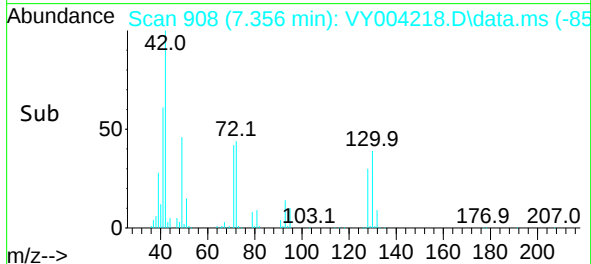
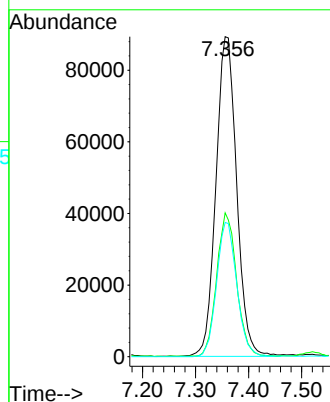
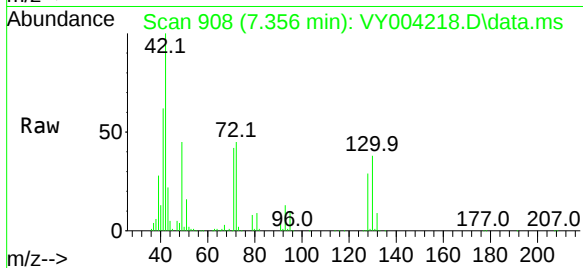
Tgt Ion: 42 Resp: 242558

Ion Ratio Lower Upper

42 100

72 43.2 35.1 52.7

71 41.0 32.9 49.3



#30

Chloroform

Concen: 100.51 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.007 min

Lab File: VY004218.D

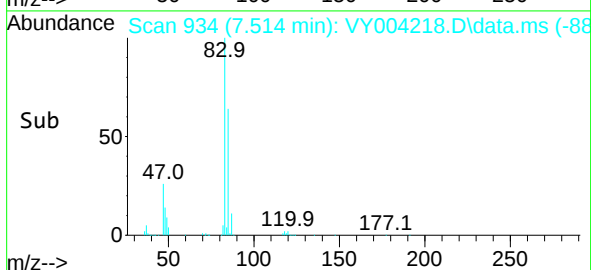
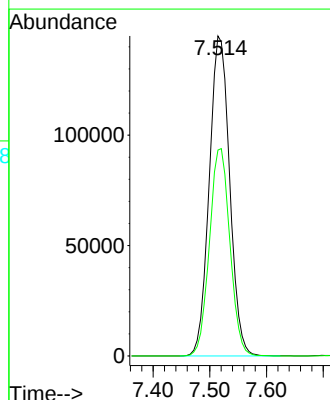
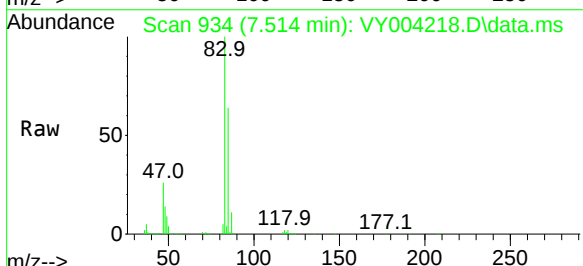
Acq: 29 Mar 2021 18:17

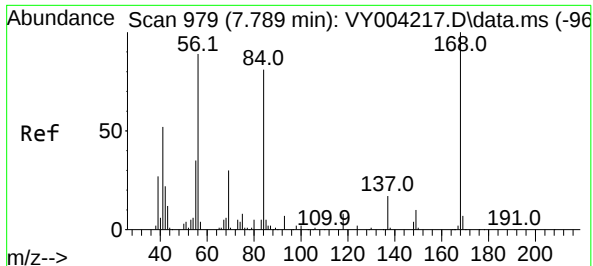
Tgt Ion: 83 Resp: 361445

Ion Ratio Lower Upper

83 100

85 64.3 51.7 77.5

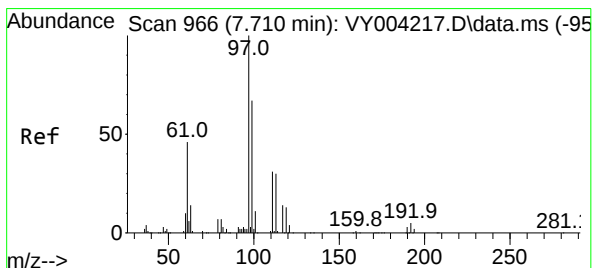
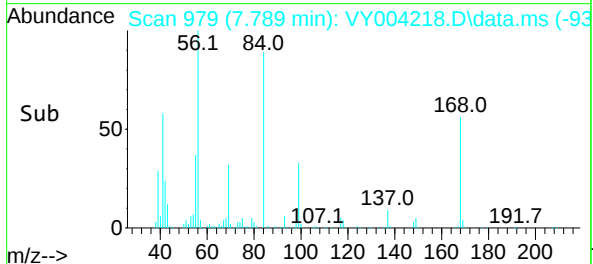
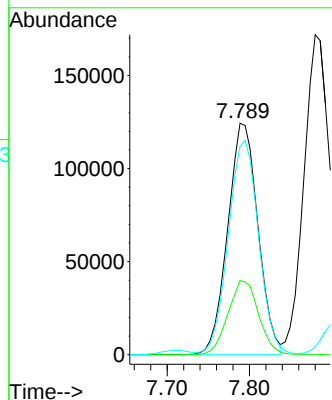
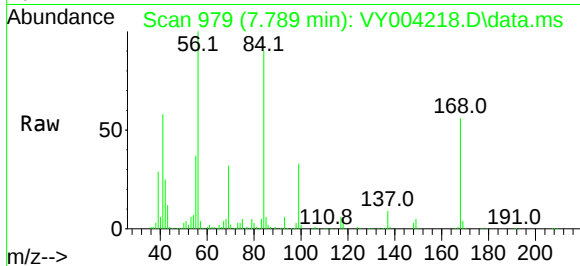




#31  
Cyclohexane  
Concen: 90.62 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

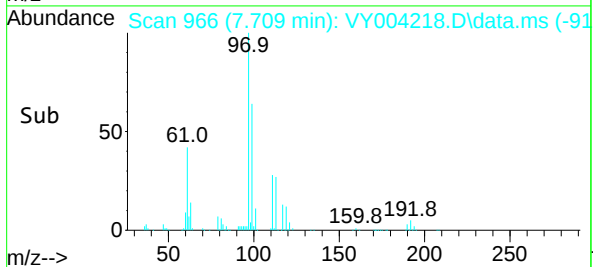
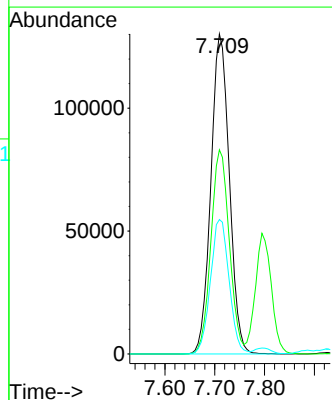
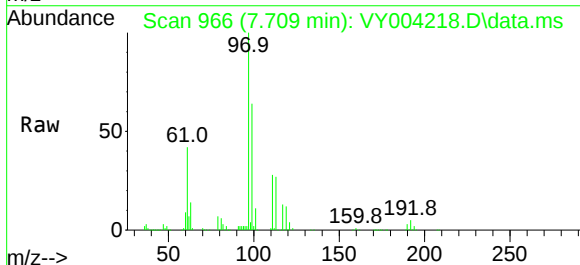
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

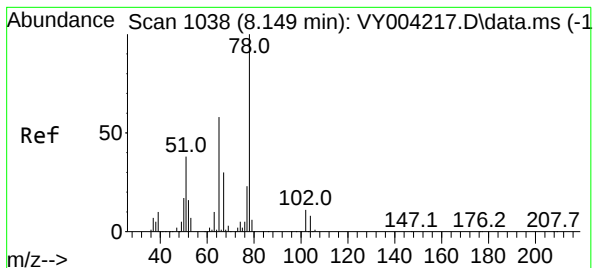
Tgt Ion: 56 Resp: 317700  
Ion Ratio Lower Upper  
56 100  
69 32.0 26.6 40.0  
84 88.1 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 100.32 ug/l  
RT: 7.709 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 97 Resp: 334081  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.8 77.6  
61 42.6 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 91.39 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

Tgt Ion: 65 Resp: 179698

Ion Ratio Lower Upper

65 100

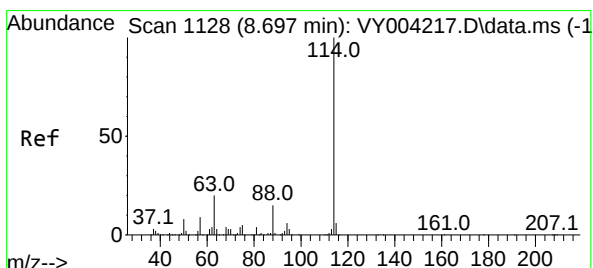
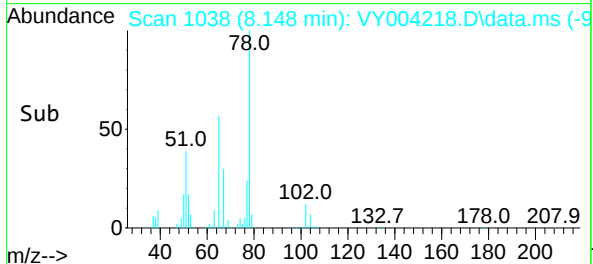
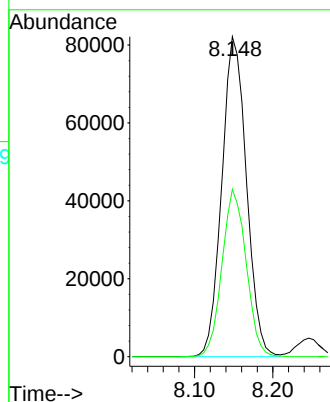
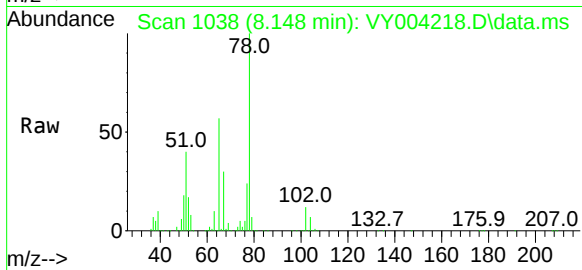
67 51.2 0.0 103.2

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

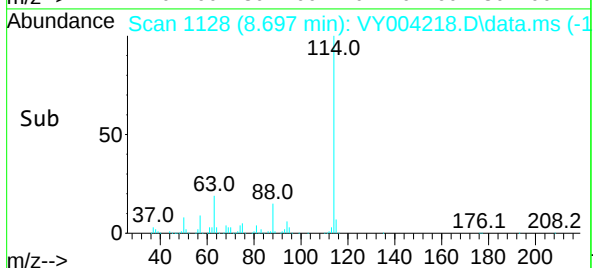
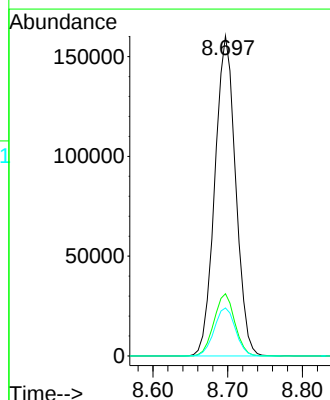
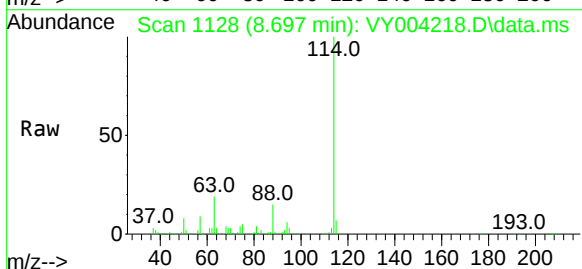
Tgt Ion: 114 Resp: 310044

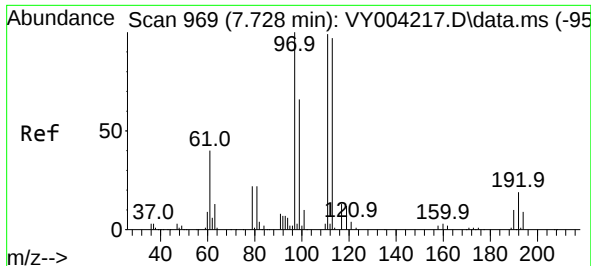
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

88 15.0 0.0 30.8

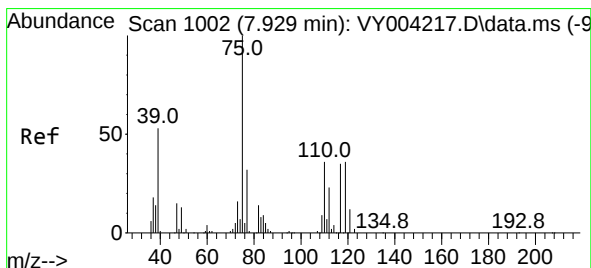
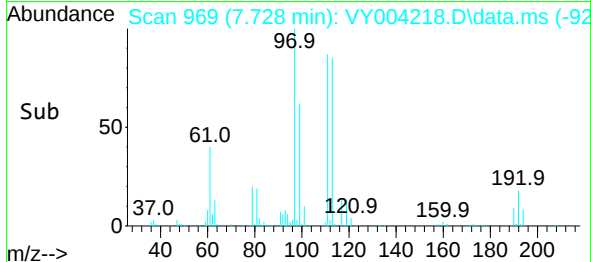
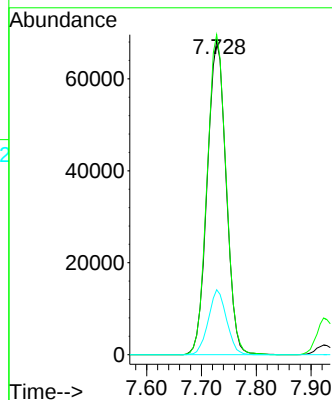
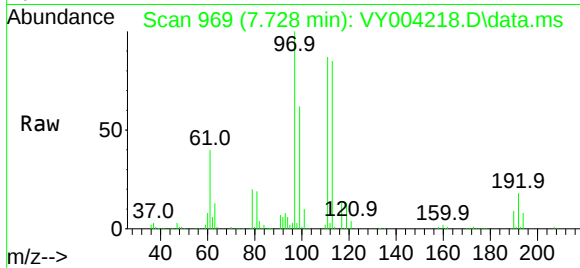




#35  
Dibromofluoromethane  
Concen: 94.09 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

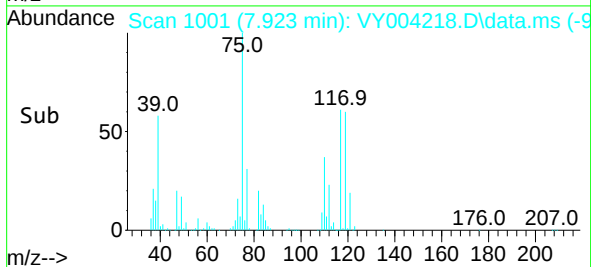
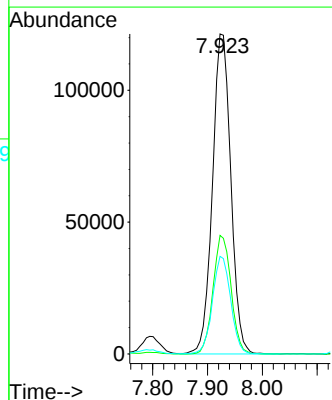
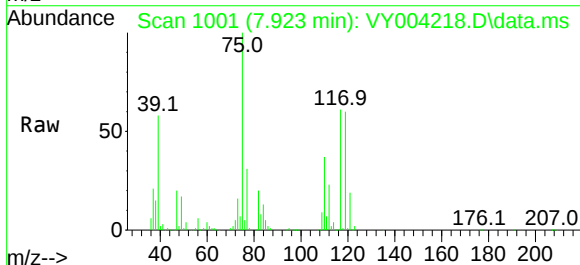
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

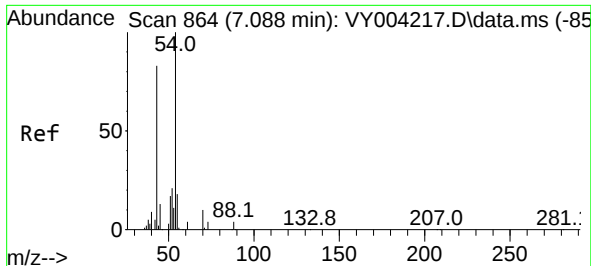
Tgt Ion:113 Resp: 162879  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.6 124.0  
192 19.9 16.4 24.6



#36  
1,1-Dichloropropene  
Concen: 102.33 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.007 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 75 Resp: 282155  
Ion Ratio Lower Upper  
75 100  
110 36.2 18.1 54.3  
77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 113.49 ug/l

RT: 7.088 min Scan# 864

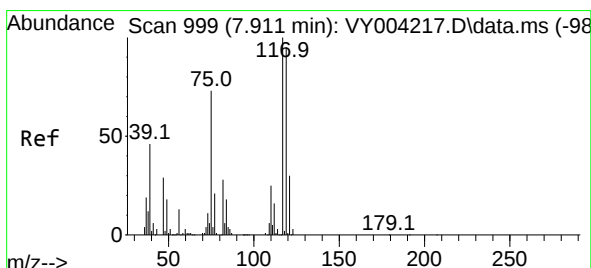
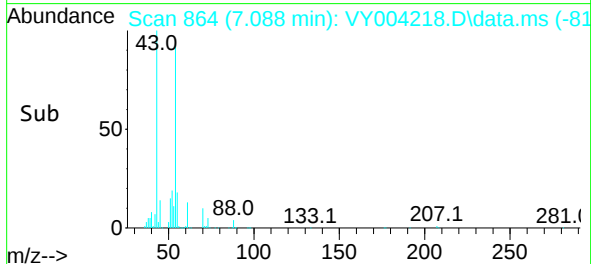
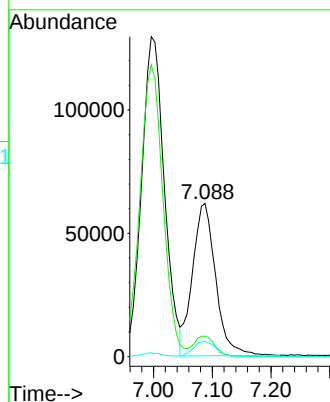
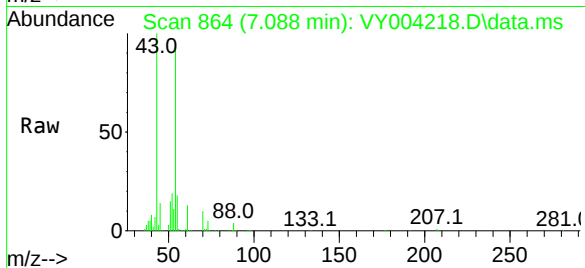
Delta R.T. -0.000 min

Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

Tgt Ion: 43 Resp: 169190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.5  | 10.2  | 15.2  |
| 70  | 9.7   | 8.0   | 12.0  |



#38

Carbon Tetrachloride

Concen: 94.81 ug/l

RT: 7.911 min Scan# 999

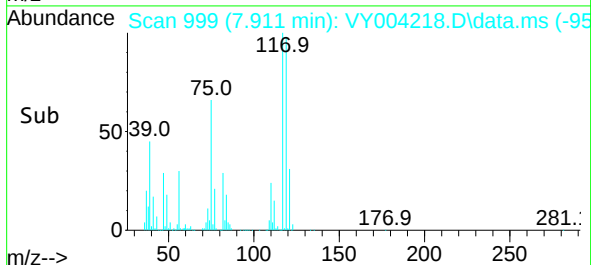
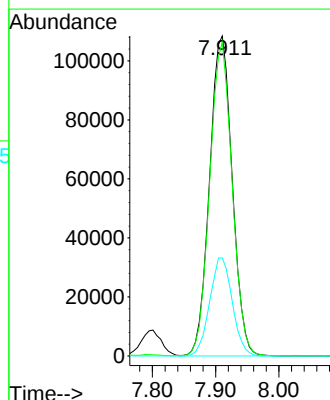
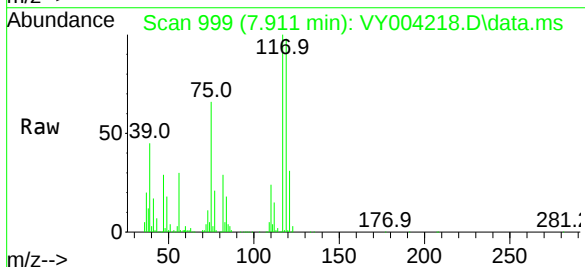
Delta R.T. -0.000 min

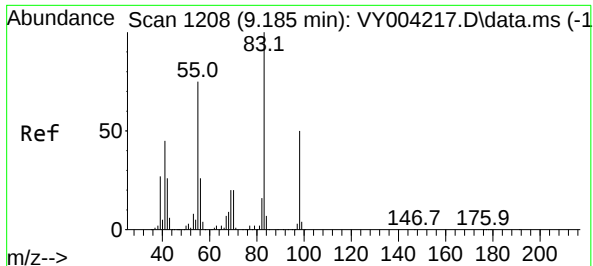
Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

Tgt Ion: 117 Resp: 270137

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 98.1  | 75.6  | 113.4 |
| 121 | 30.7  | 24.3  | 36.5  |





#39

Methylcyclohexane

Concen: 100.32 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

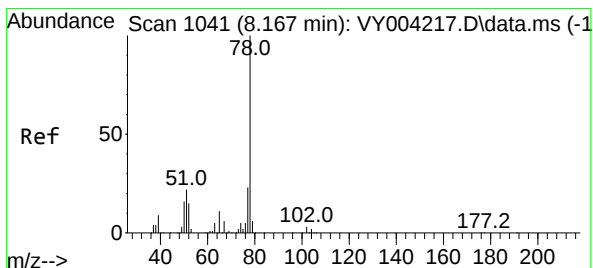
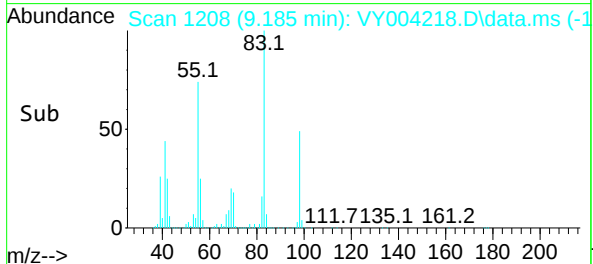
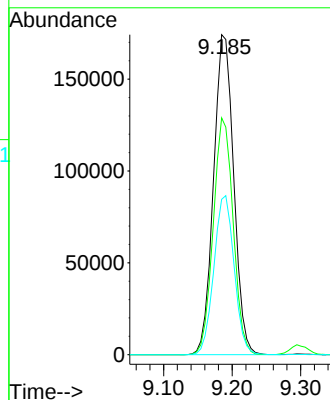
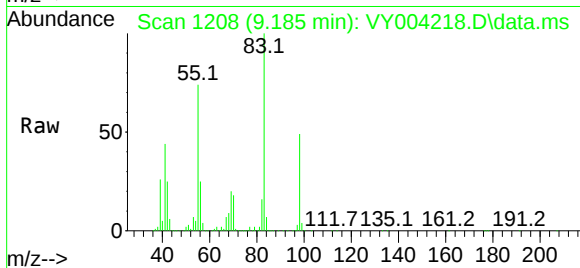
Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

Tgt Ion: 83 Resp: 355675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 74.0  | 60.0  | 90.0  |
| 98  | 48.6  | 40.2  | 60.2  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



#40

Benzene

Concen: 102.84 ug/l

RT: 8.167 min Scan# 1041

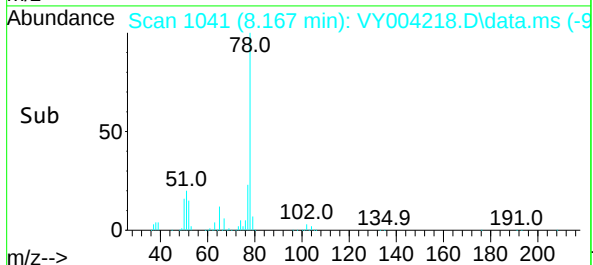
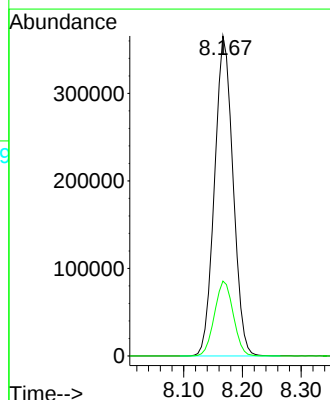
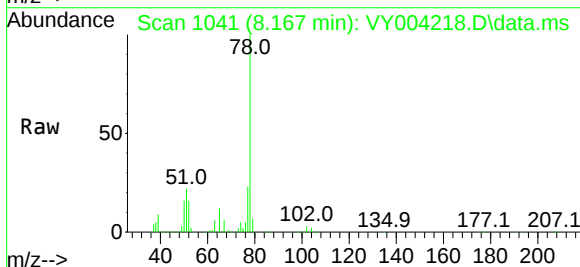
Delta R.T. -0.000 min

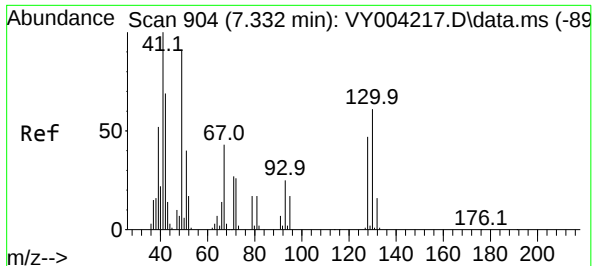
Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

Tgt Ion: 78 Resp: 798669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.4  | 18.3  | 27.5  |

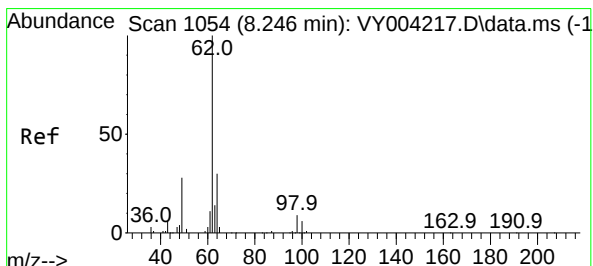
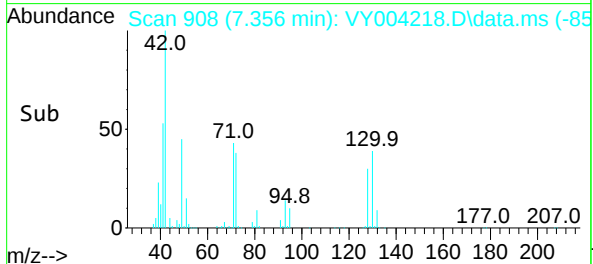
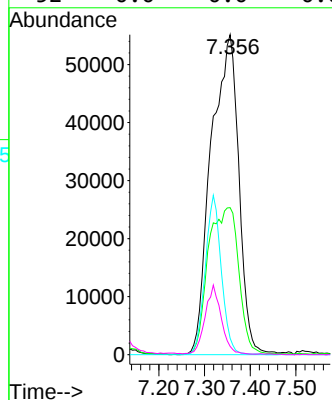
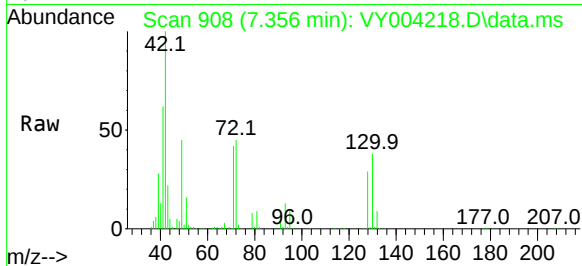




#41  
Methacrylonitrile  
Concen: 254.56 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.024 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

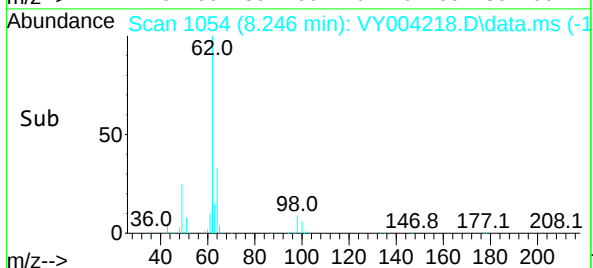
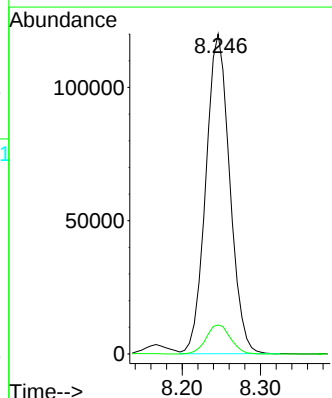
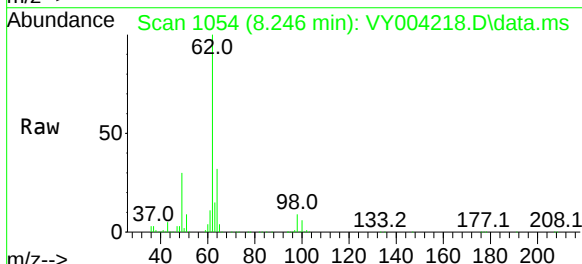
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

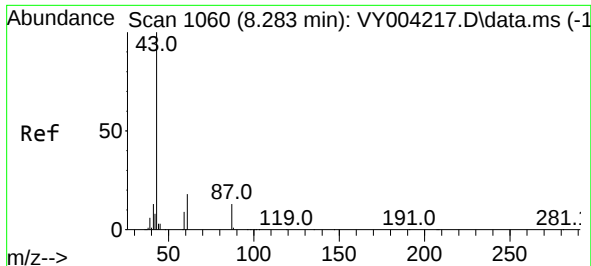
Tgt Ion: 41 Resp: 231364  
Ion Ratio Lower Upper  
41 100  
39 50.6 103.4 155.2#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 106.78 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 62 Resp: 254158  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 18.6



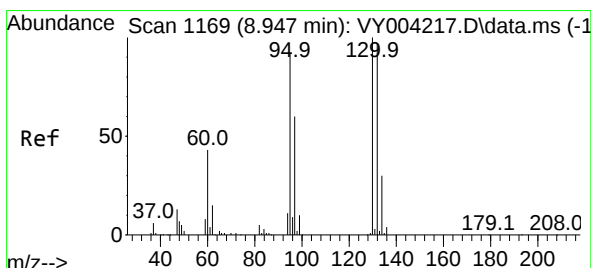
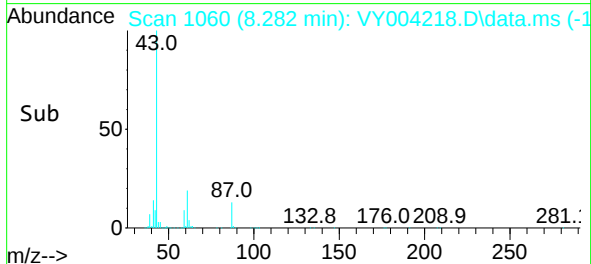
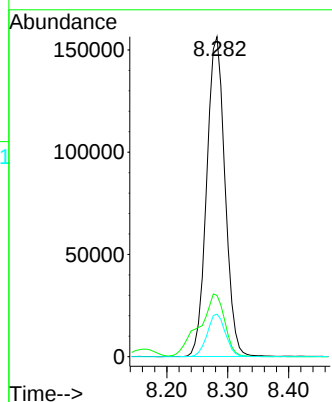
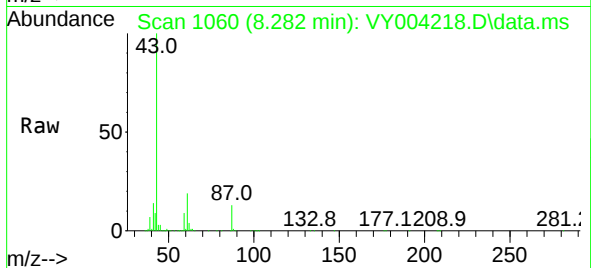


#43

Isopropyl Acetate  
Concen: 109.64 ug/l  
RT: 8.282 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

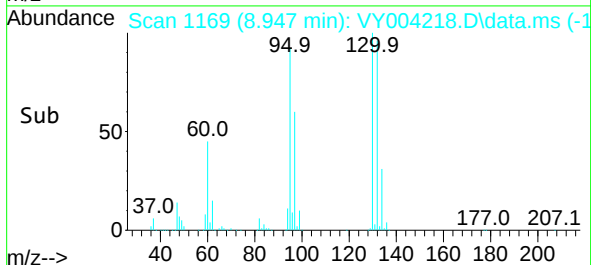
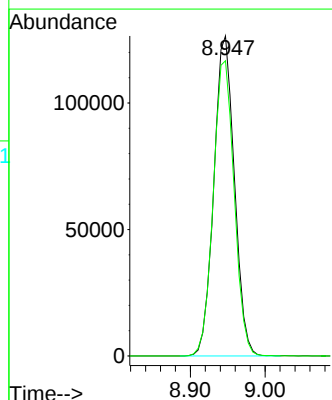
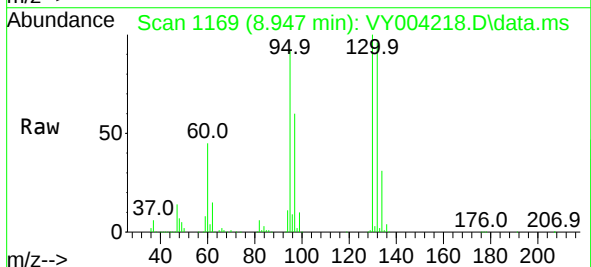
Tgt Ion: 43 Resp: 326331  
Ion Ratio Lower Upper  
43 100  
61 27.2 21.9 32.9  
87 13.3 10.6 15.8

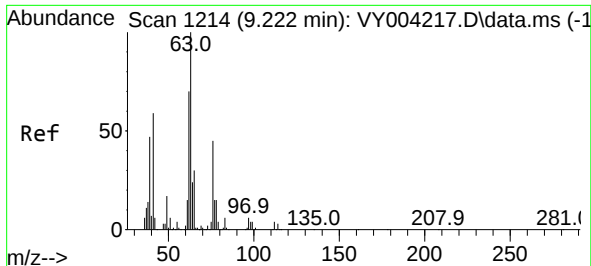


#44

Trichloroethene  
Concen: 106.00 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 130 Resp: 241905  
Ion Ratio Lower Upper  
130 100  
95 92.3 0.0 183.0

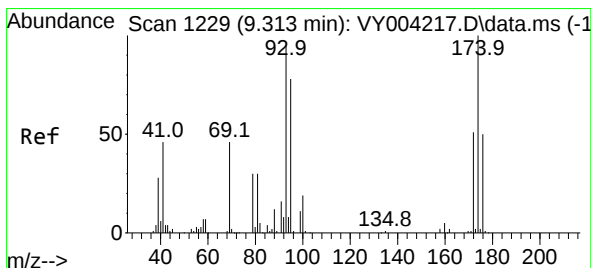
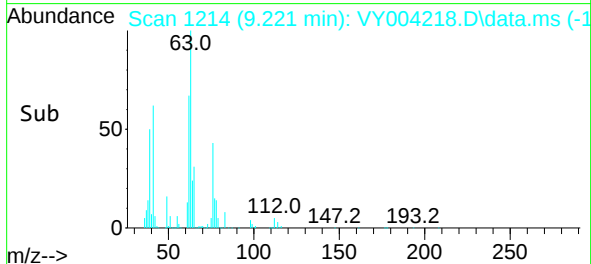
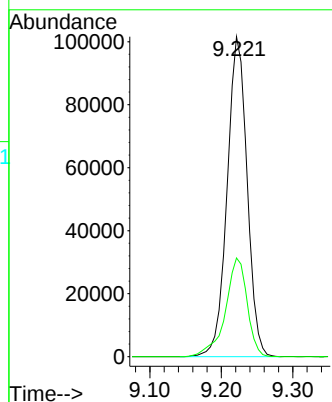
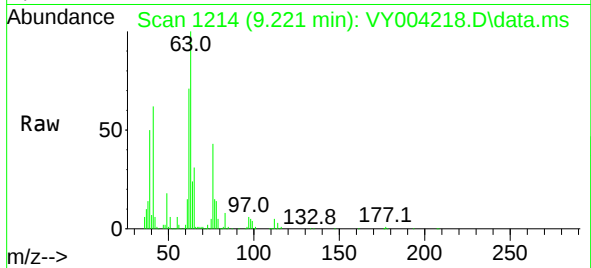




#45  
1,2-Dichloropropane  
Concen: 101.93 ug/l  
RT: 9.221 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

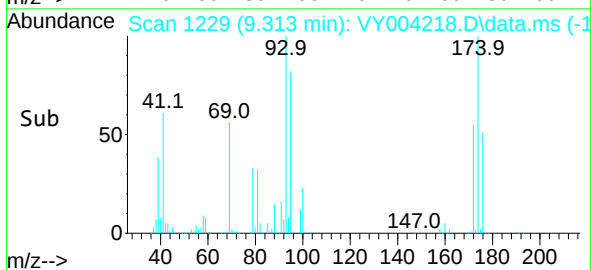
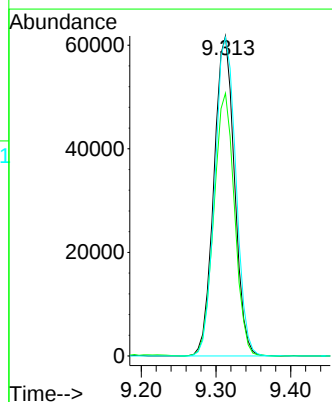
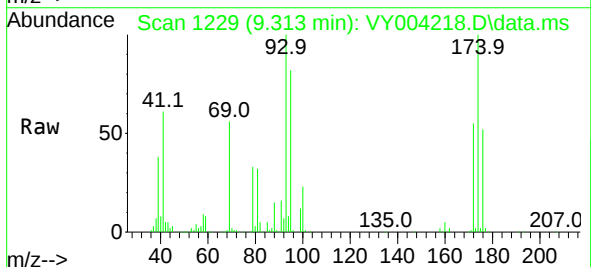
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tgt Ion: 63 Resp: 196921  
Ion Ratio Lower Upper  
63 100  
65 30.9 23.7 35.5



#46  
Dibromomethane  
Concen: 106.25 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 93 Resp: 117990  
Ion Ratio Lower Upper  
93 100  
95 82.5 64.6 97.0  
174 101.8 82.7 124.1

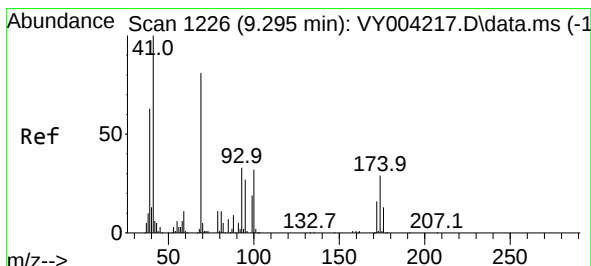
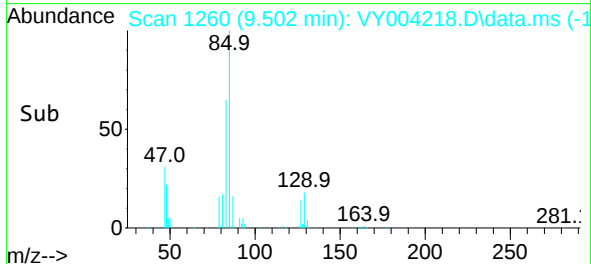
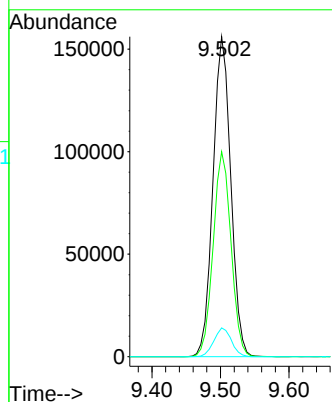
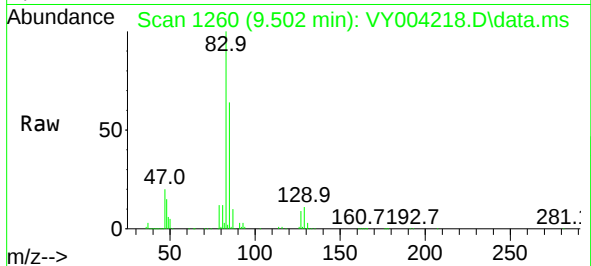




#47  
Bromodichloromethane  
Concen: 102.10 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

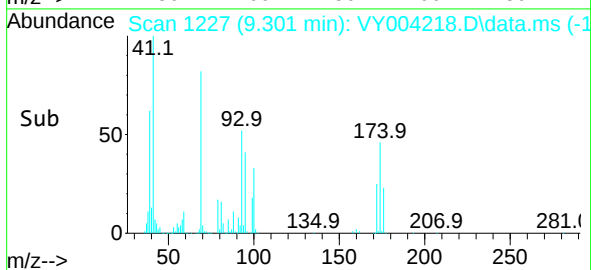
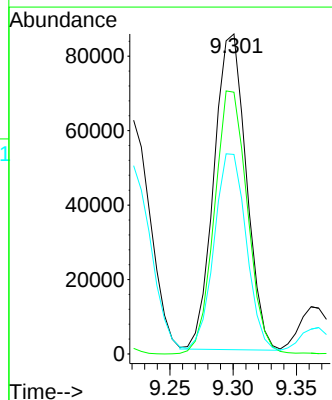
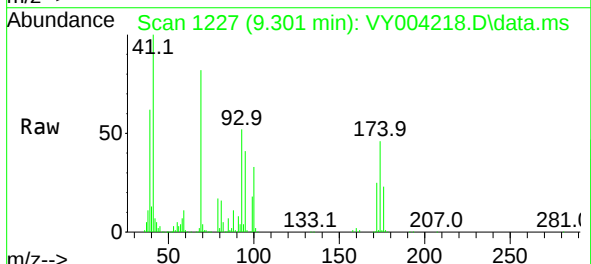
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

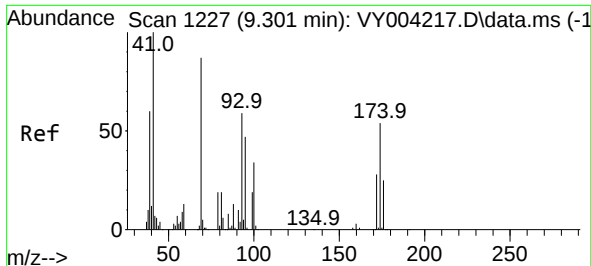
Tgt Ion: 83 Resp: 281060  
Ion Ratio Lower Upper  
83 100  
85 64.0 50.3 75.5  
127 9.0 6.7 10.1



#48  
Methyl methacrylate  
Concen: 107.04 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 41 Resp: 150670  
Ion Ratio Lower Upper  
41 100  
69 85.1 67.0 100.4  
39 64.5 49.0 73.6

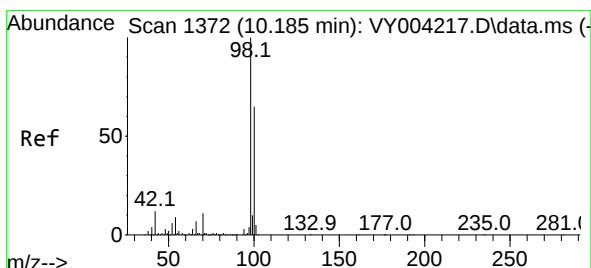
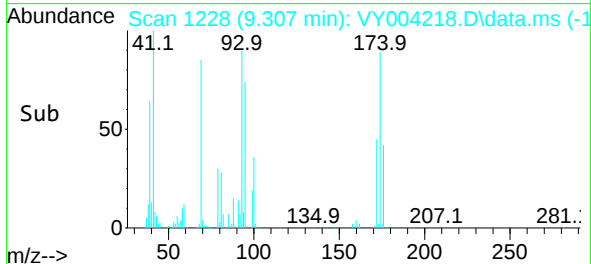
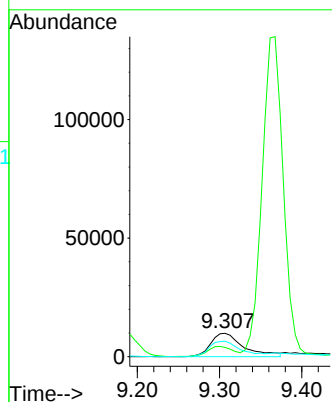
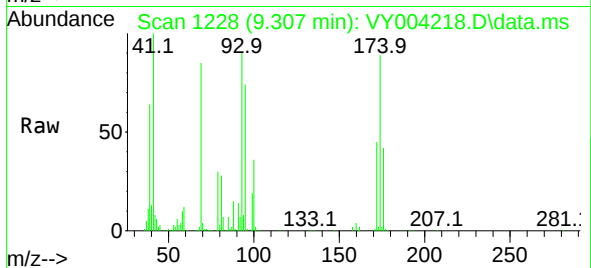




#49  
1,4-Dioxane  
Concen: 1989.95 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

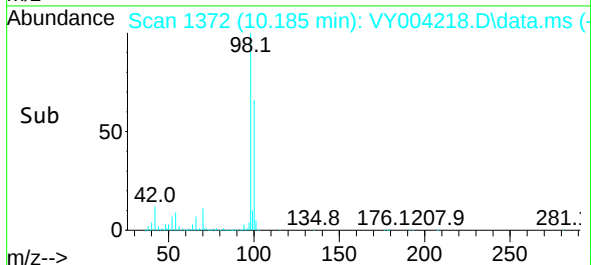
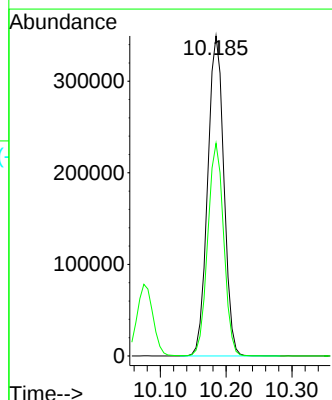
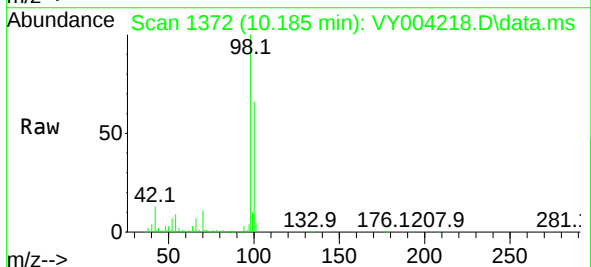
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

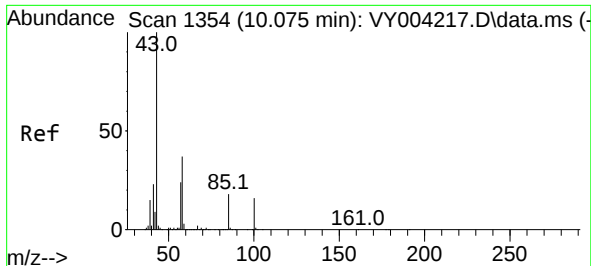
Tgt Ion: 88 Resp: 27529  
Ion Ratio Lower Upper  
88 100  
43 33.1 26.8 40.2  
58 63.7 46.2 69.2



#50  
Toluene-d8  
Concen: 88.51 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 98 Resp: 597210  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.5 78.7

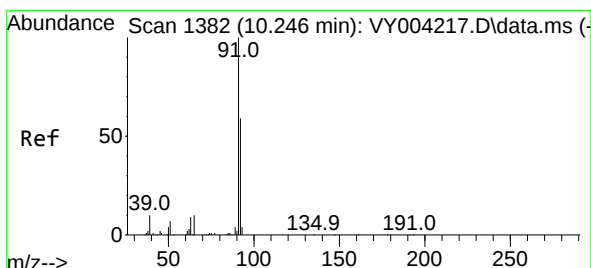
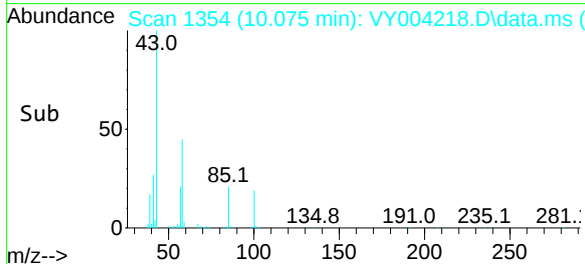
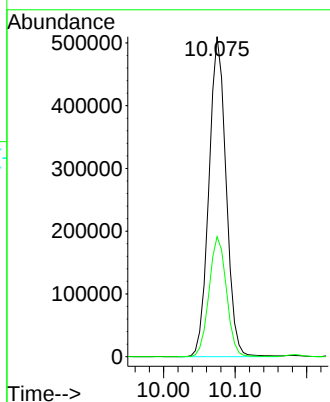
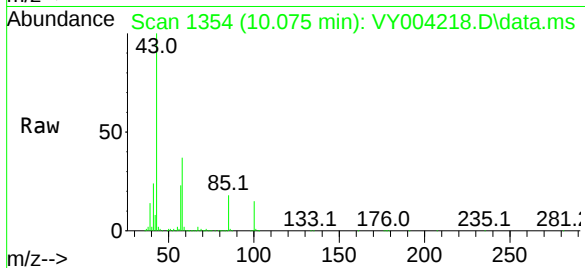




#51  
4-Methyl-2-Pentanone  
Concen: 565.26 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

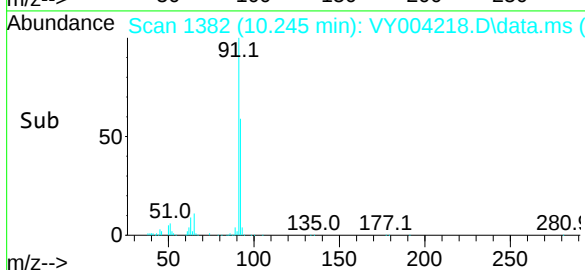
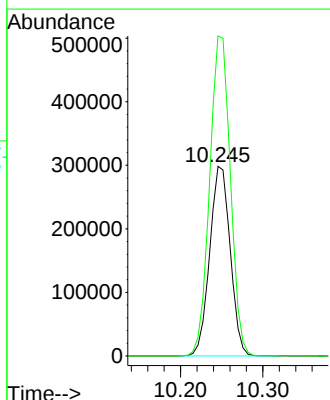
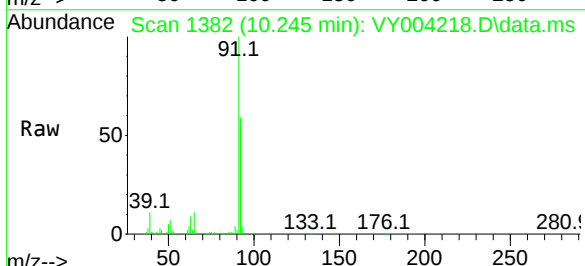
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

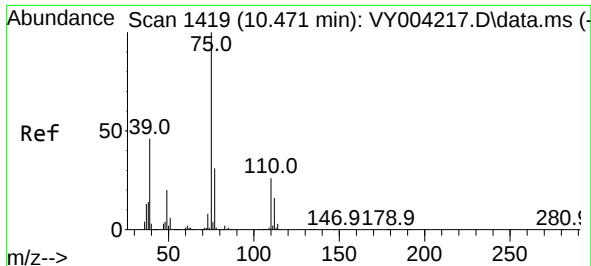
Tgt Ion: 43 Resp: 850022  
Ion Ratio Lower Upper  
43 100  
58 38.0 30.6 45.8



#52  
Toluene  
Concen: 102.74 ug/l  
RT: 10.245 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 92 Resp: 516794  
Ion Ratio Lower Upper  
92 100  
91 170.7 136.0 204.0

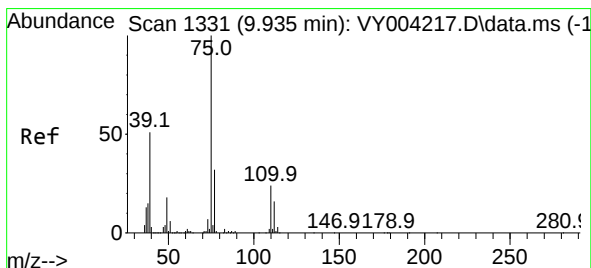
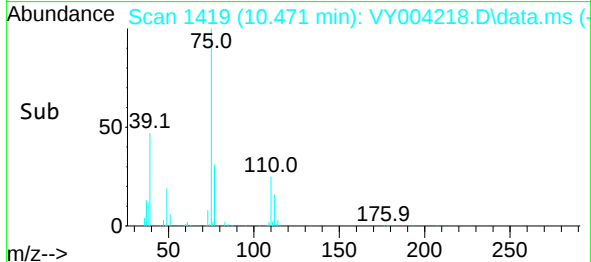
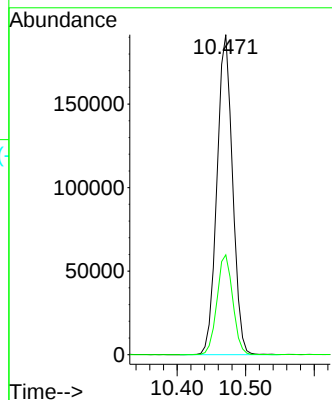
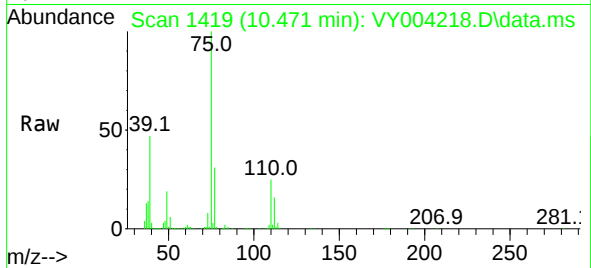




#53  
t-1,3-Dichloropropene  
Concen: 104.23 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

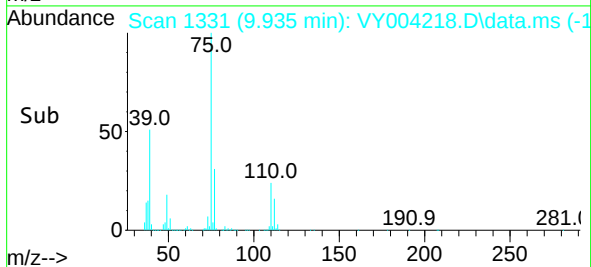
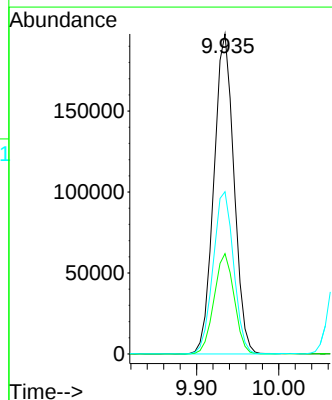
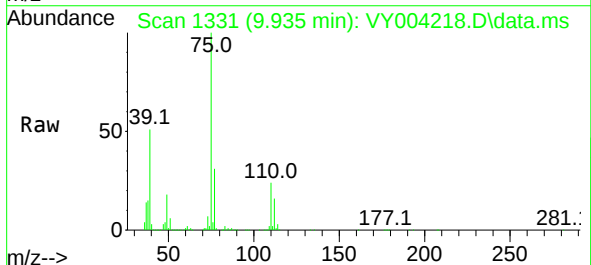
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

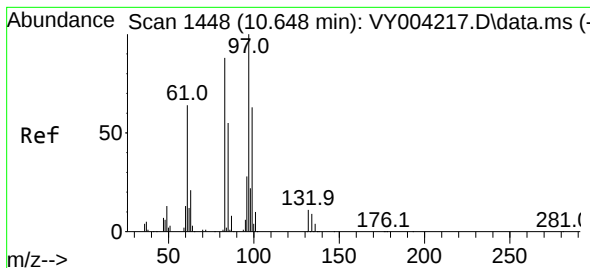
Tgt Ion: 75 Resp: 302600  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.4 36.6



#54  
cis-1,3-Dichloropropene  
Concen: 103.10 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 75 Resp: 335729  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.5 38.3  
39 50.7 40.6 61.0

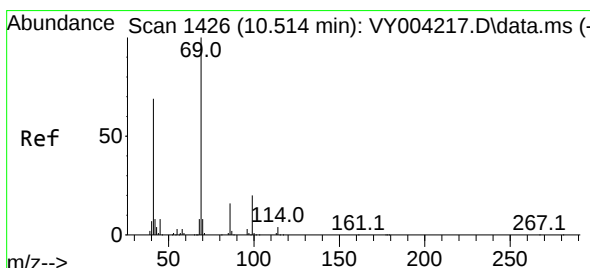
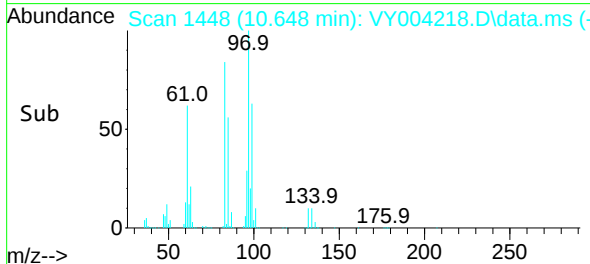
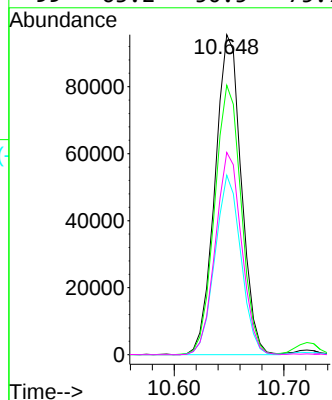
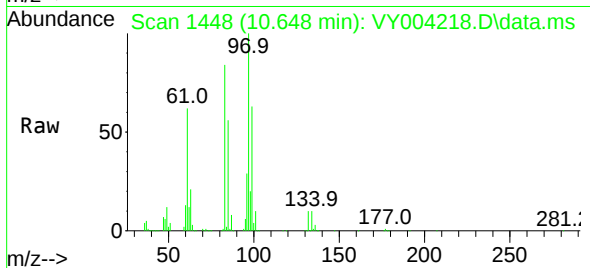




#55  
1,1,2-Trichloroethane  
Concen: 103.00 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

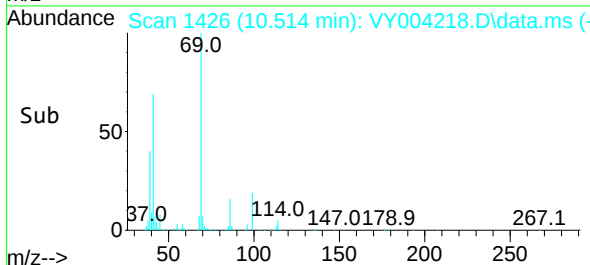
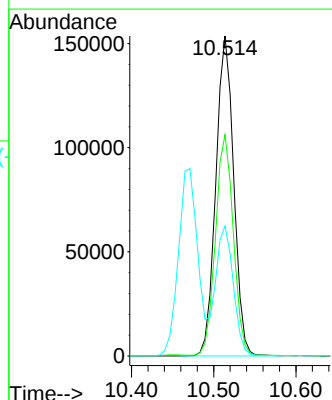
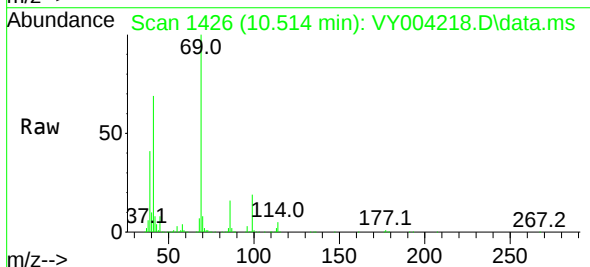
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

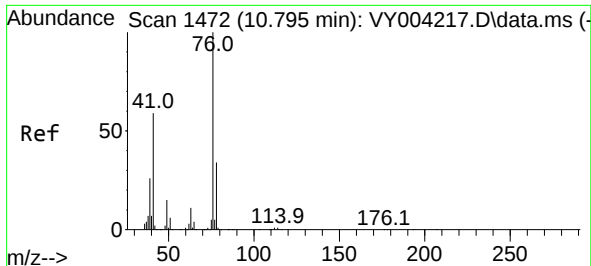
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 159465 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 84.1     | 70.6 105.8   |
| 85 56.1     | 44.2 66.4    |
| 99 63.2     | 50.5 75.7    |



#56  
Ethyl methacrylate  
Concen: 107.61 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 232288 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 69.0     | 54.8 82.2    |
| 39 41.0     | 33.4 50.0    |

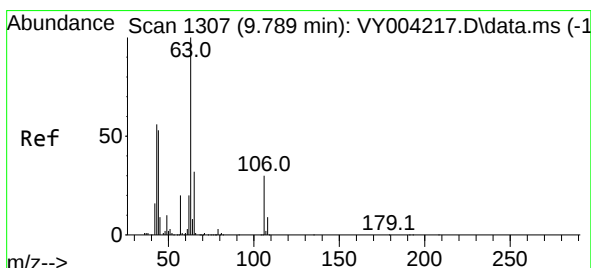
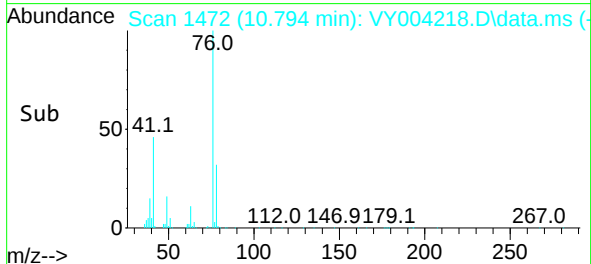
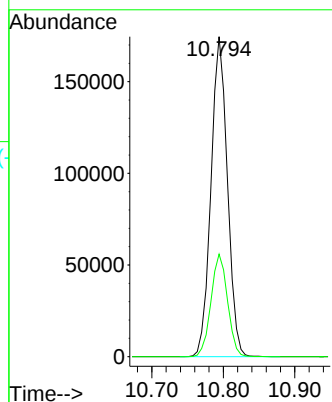
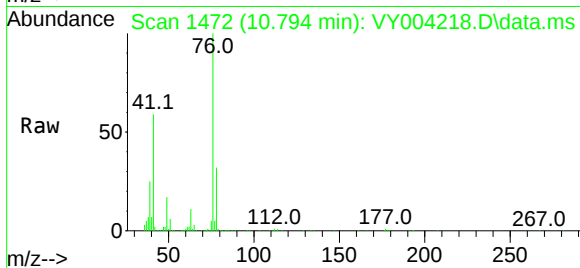




#57  
1,3-Dichloropropane  
Concen: 104.59 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

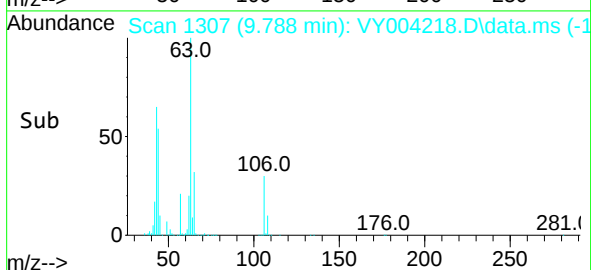
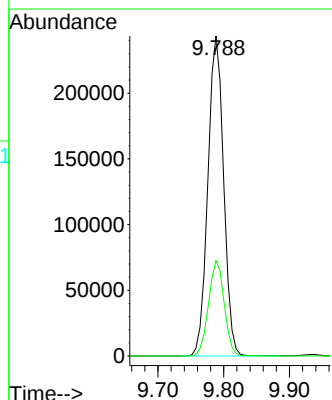
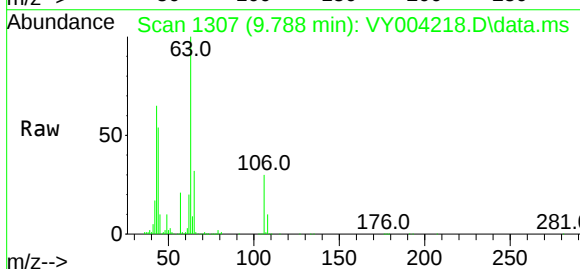
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

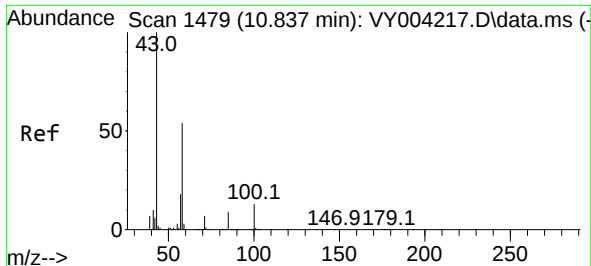
Tgt Ion: 76 Resp: 277973  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.4 39.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 423.88 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 63 Resp: 405302  
Ion Ratio Lower Upper  
63 100  
106 29.6 23.8 35.8

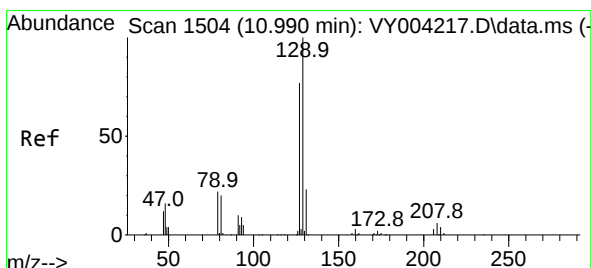
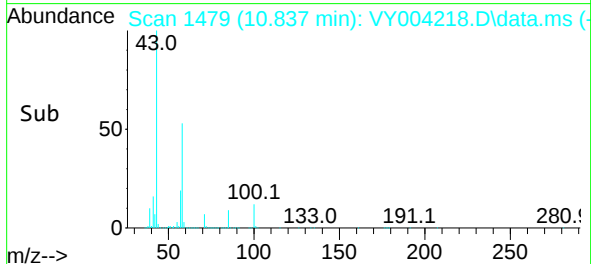
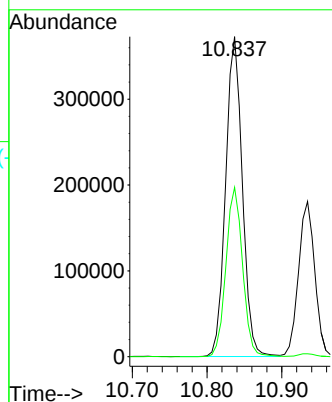
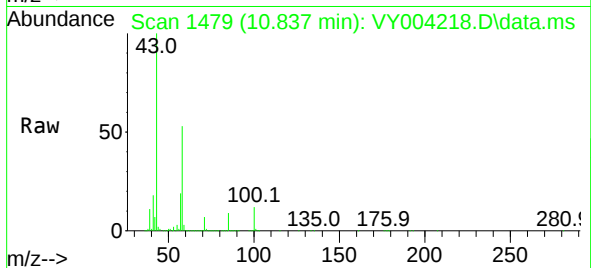




#59  
2-Hexanone  
Concen: 551.66 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

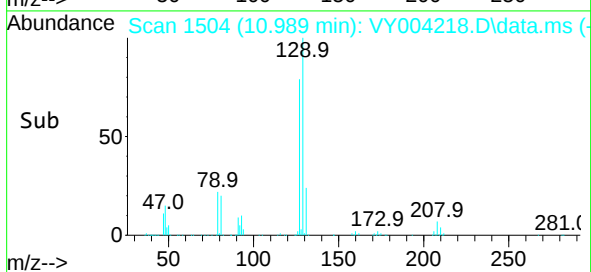
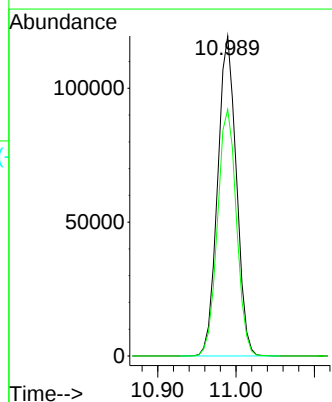
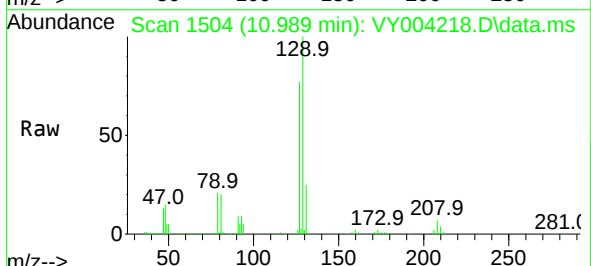
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

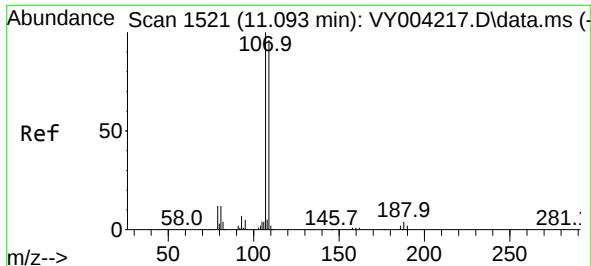
Tgt Ion: 43 Resp: 579828  
Ion Ratio Lower Upper  
43 100  
58 52.7 26.7 80.1



#60  
Dibromochloromethane  
Concen: 102.66 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 129 Resp: 198441  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.9 116.7

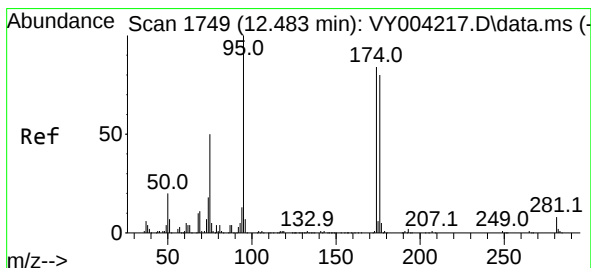
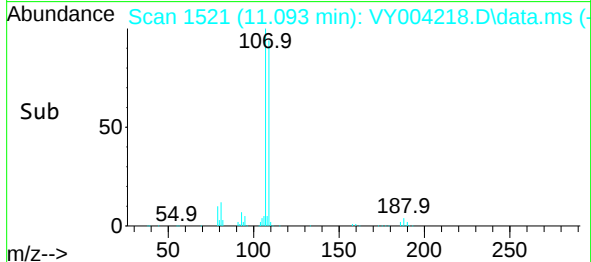
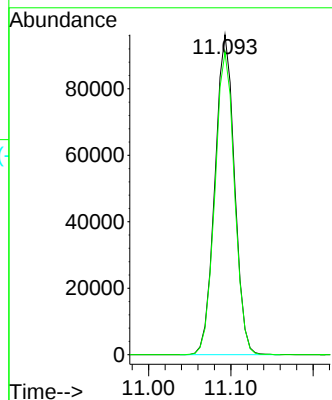
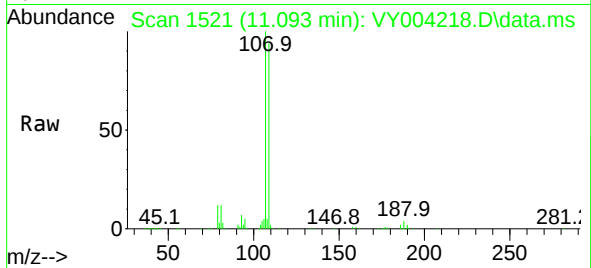




#61  
1,2-Dibromoethane  
Concen: 104.78 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

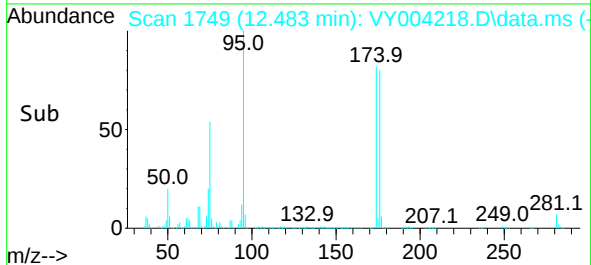
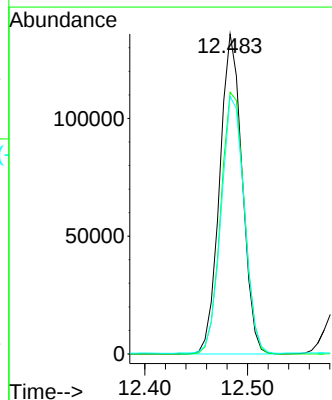
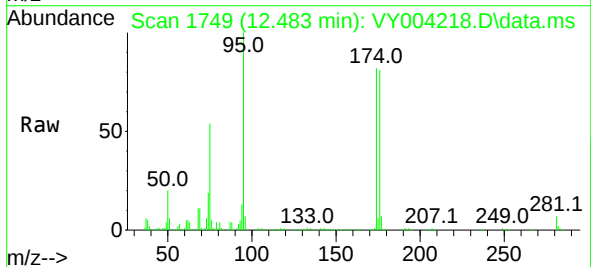
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

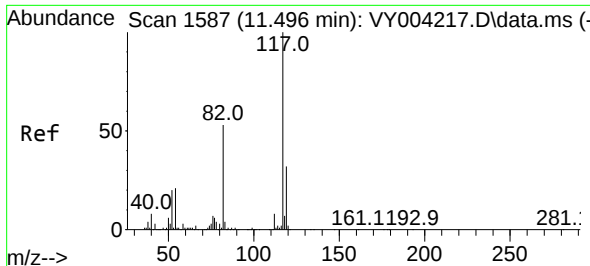
Tgt Ion:107 Resp: 158750  
Ion Ratio Lower Upper  
107 100  
109 95.1 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 83.73 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 95 Resp: 206065  
Ion Ratio Lower Upper  
95 100  
174 85.8 0.0 171.4  
176 82.9 0.0 165.6

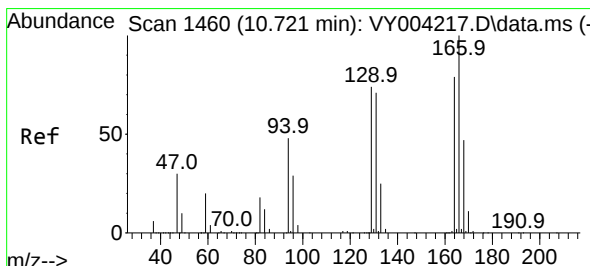
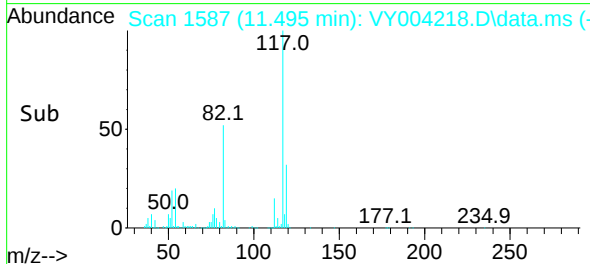
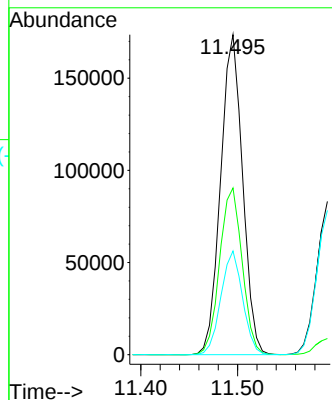
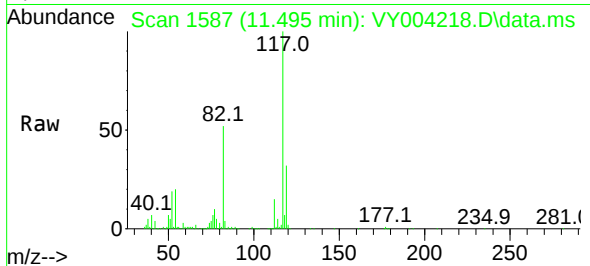




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

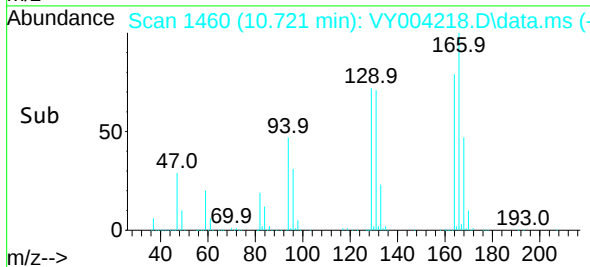
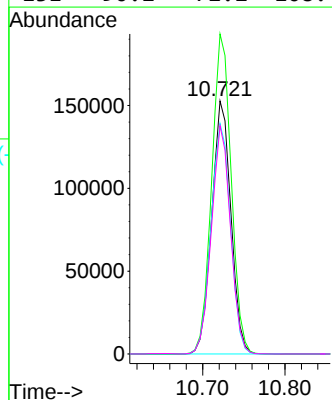
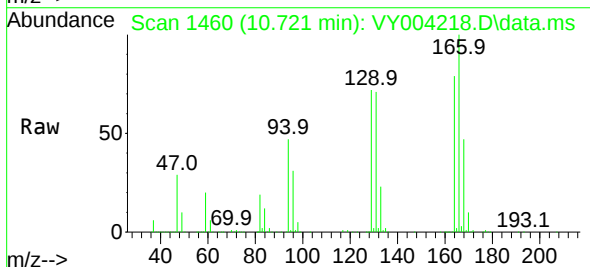
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

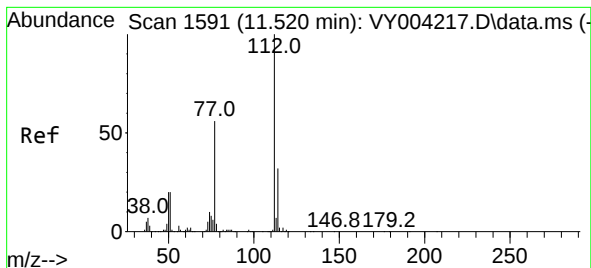
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 274047      |
| Ion         | Ratio | Lower Upper |
| 117         | 100   |             |
| 82          | 52.1  | 42.7 64.1   |
| 119         | 32.4  | 25.7 38.5   |



#64  
Tetrachloroethene  
Concen: 104.91 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 248020      |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 126.5 | 101.3 151.9 |
| 129         | 91.1  | 75.3 112.9  |
| 131         | 90.2  | 72.2 108.4  |

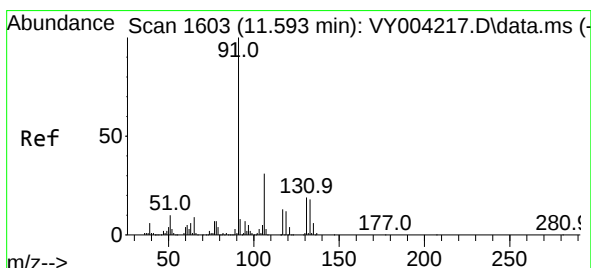
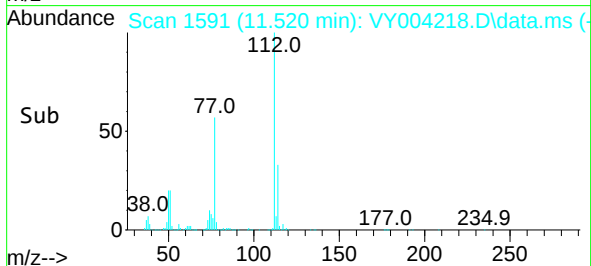
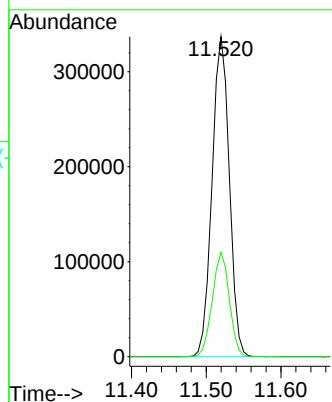
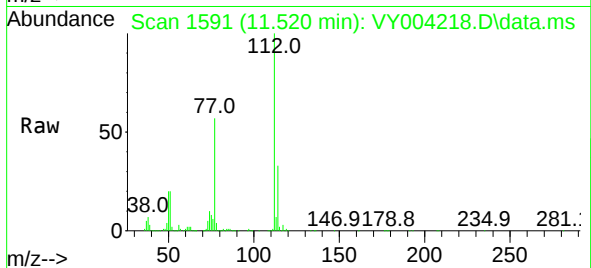




#65  
Chlorobenzene  
Concen: 102.14 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

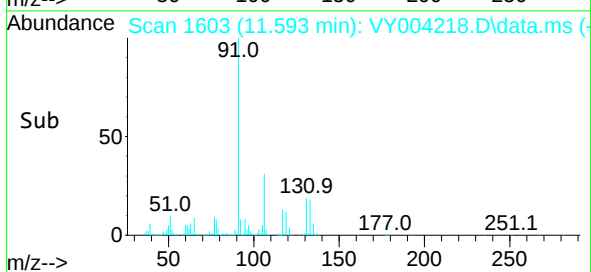
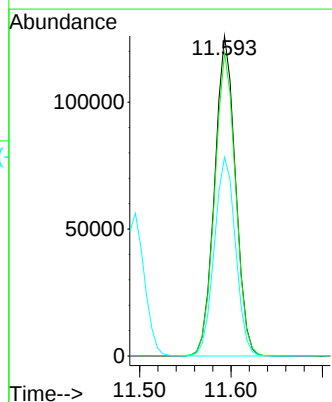
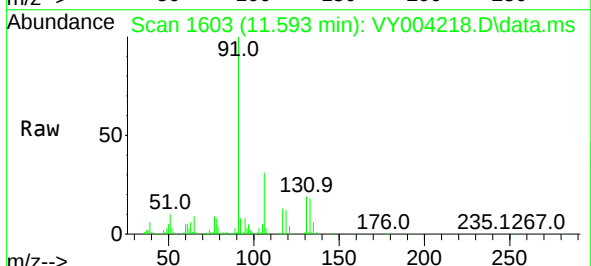
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

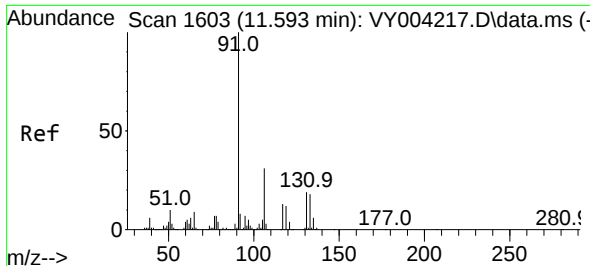
Tgt Ion:112 Resp: 540643  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 101.24 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion:131 Resp: 198976  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.2 141.6  
119 63.6 32.1 96.5

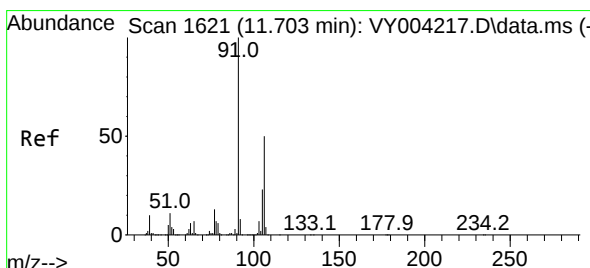
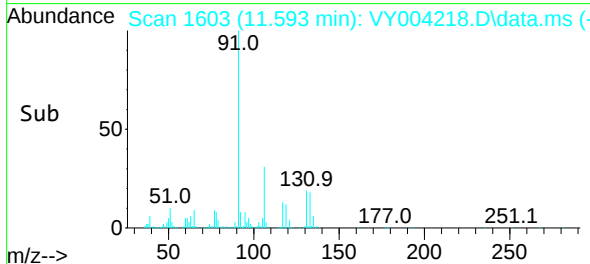
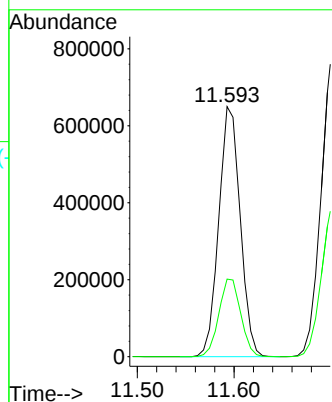
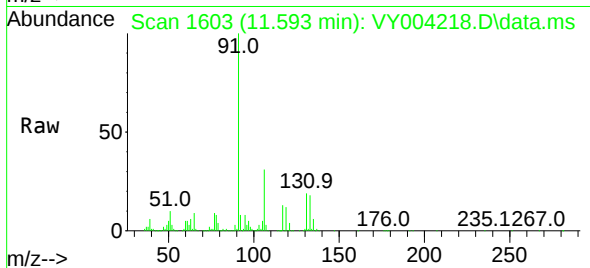




#67  
Ethyl Benzene  
Concen: 102.64 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

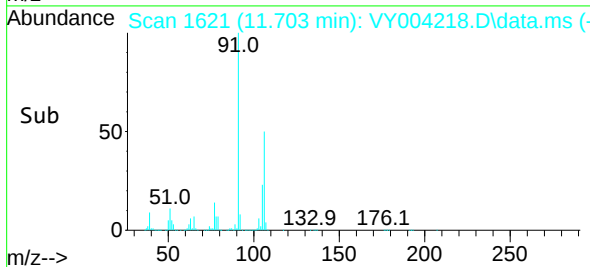
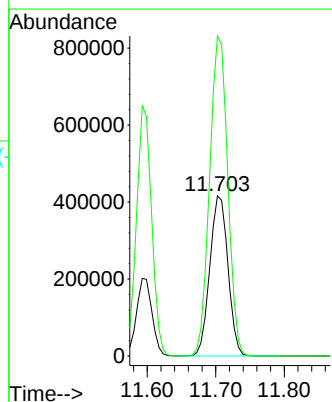
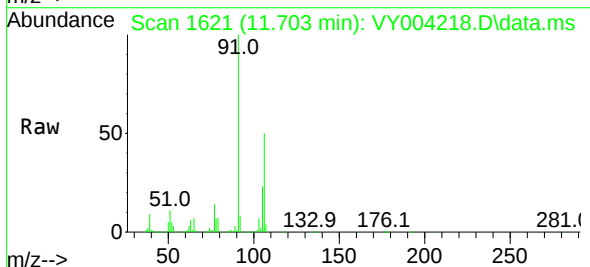
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

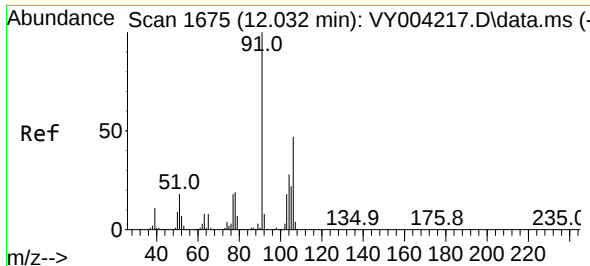
Tgt Ion: 91 Resp: 999035  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.0 37.6



#68  
m/p-Xylenes  
Concen: 206.20 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 106 Resp: 765655  
Ion Ratio Lower Upper  
106 100  
91 200.0 159.8 239.6

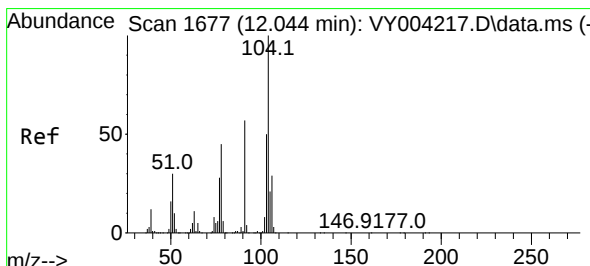
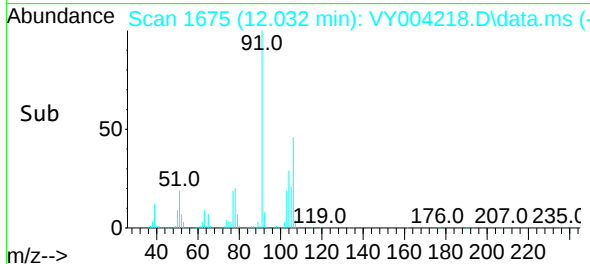
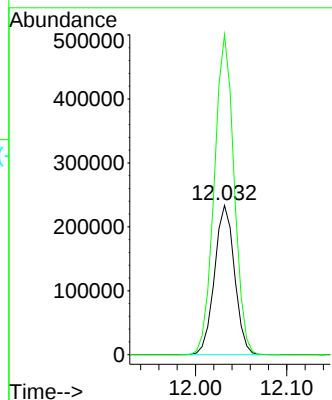
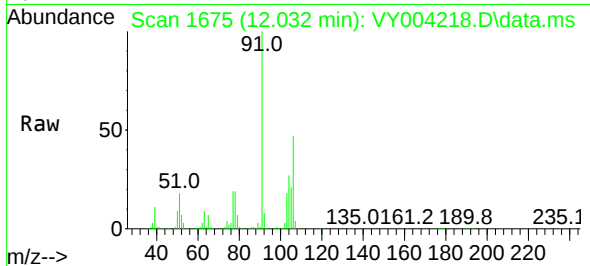




#69  
o-Xylene  
Concen: 101.63 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

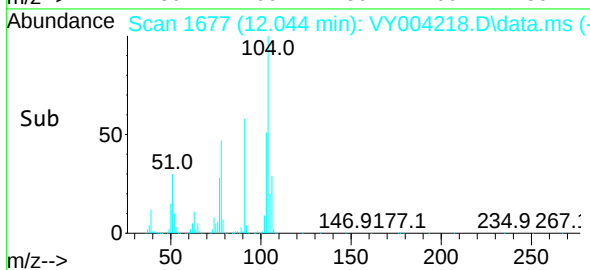
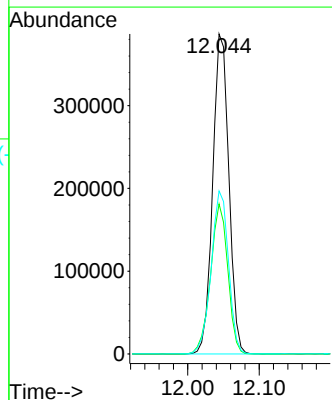
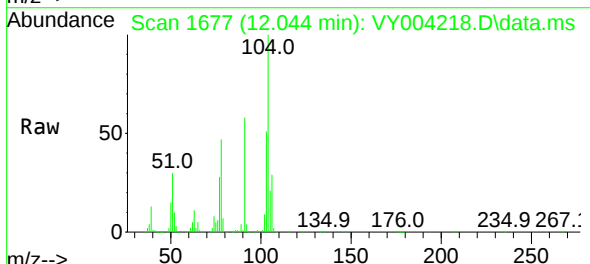
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

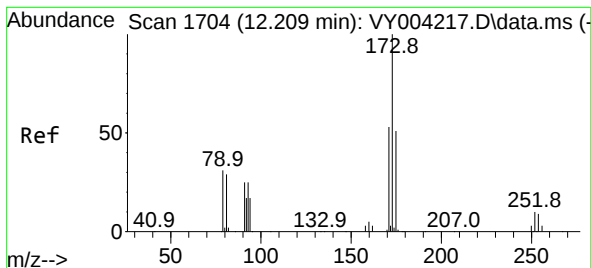
Tgt Ion:106 Resp: 355462  
Ion Ratio Lower Upper  
106 100  
91 211.9 105.6 316.8



#70  
Styrene  
Concen: 101.41 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion:104 Resp: 605051  
Ion Ratio Lower Upper  
104 100  
78 50.1 39.8 59.8  
103 54.8 43.3 64.9

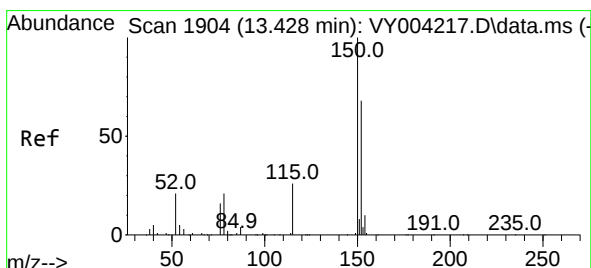
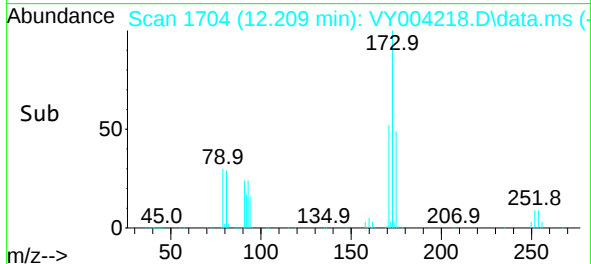
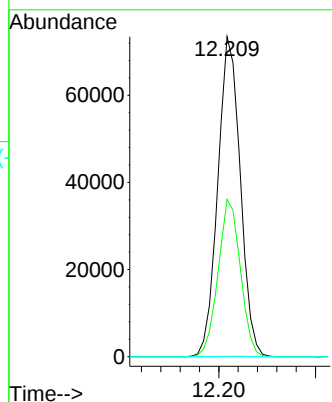
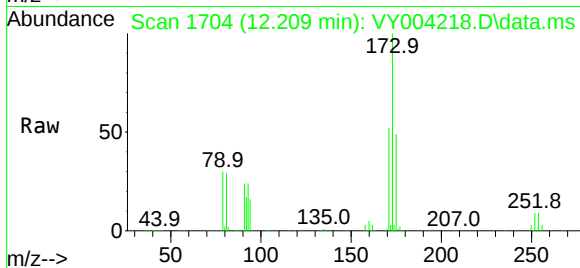




#71  
Bromoform  
Concen: 101.52 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

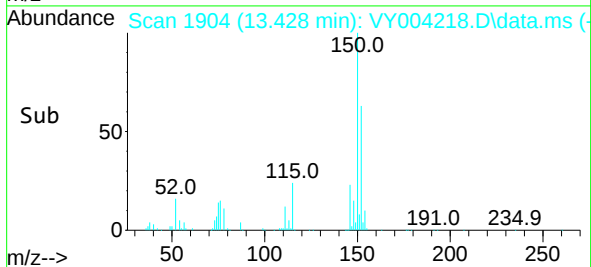
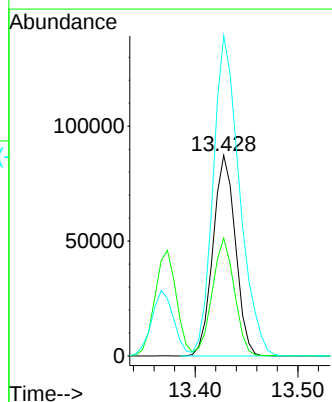
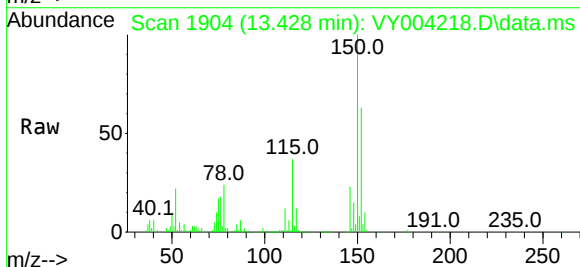
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

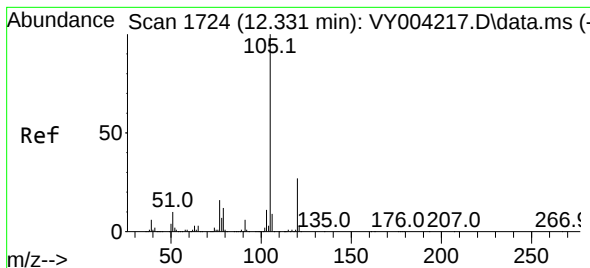
Tgt Ion:173 Resp: 118301  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.9 74.6  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion:152 Resp: 132300  
Ion Ratio Lower Upper  
152 100  
115 57.5 29.0 87.1  
150 187.2 0.0 347.4





#73

Isopropylbenzene

Concen: 102.26 ug/l

RT: 12.330 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY004218.D

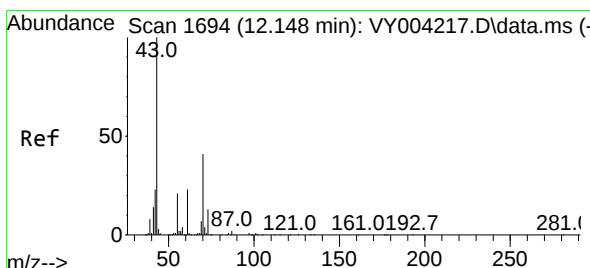
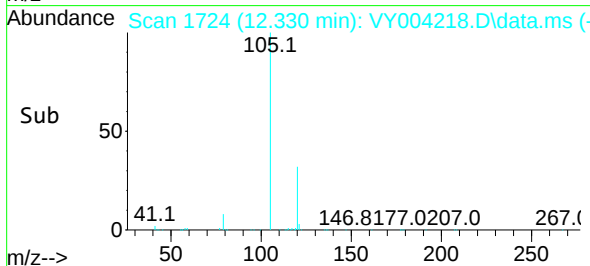
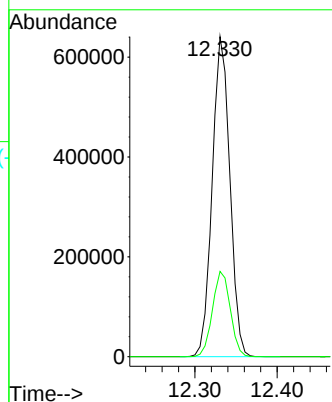
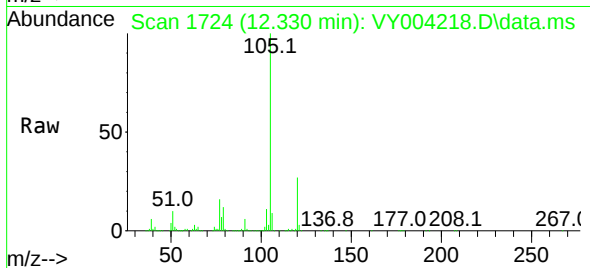
Acq: 29 Mar 2021 18:17

Tgt Ion:105 Resp: 952468

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.0



#74

N-ethyl acetate

Concen: 111.34 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY004218.D

Acq: 29 Mar 2021 18:17

Tgt Ion: 43 Resp: 296546

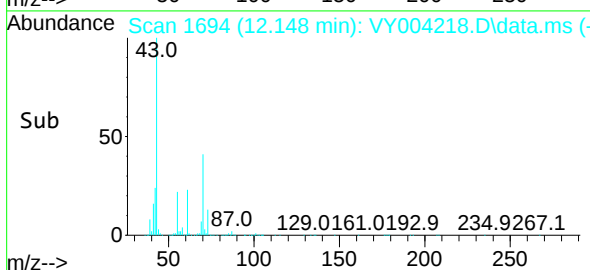
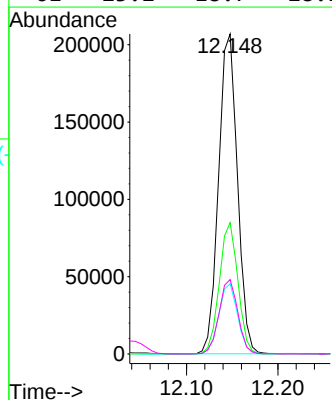
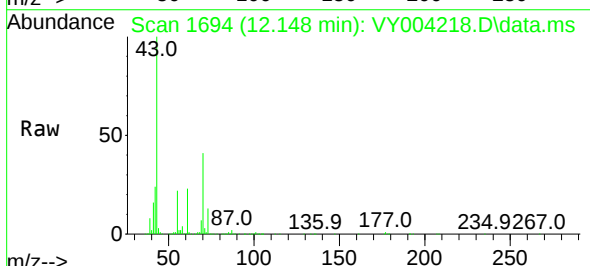
Ion Ratio Lower Upper

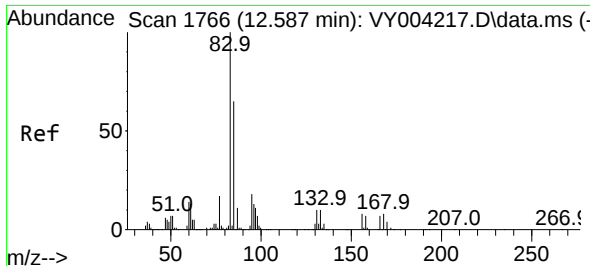
43 100

70 40.5 32.6 49.0

55 22.1 18.0 27.0

61 23.2 18.7 28.1

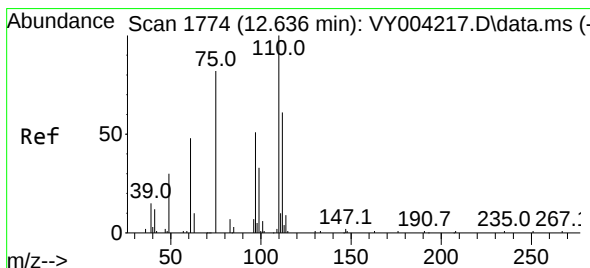
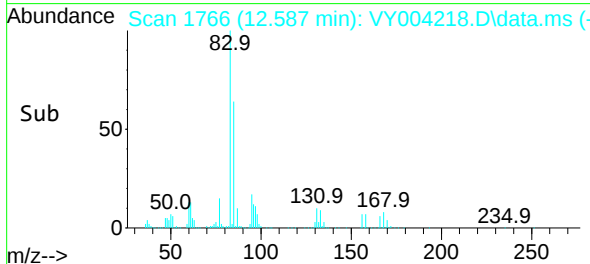
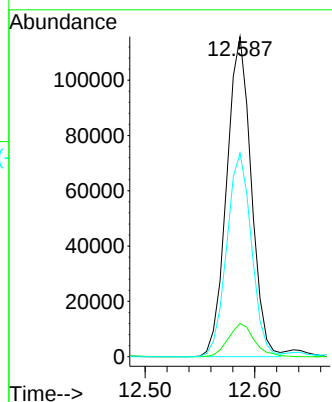
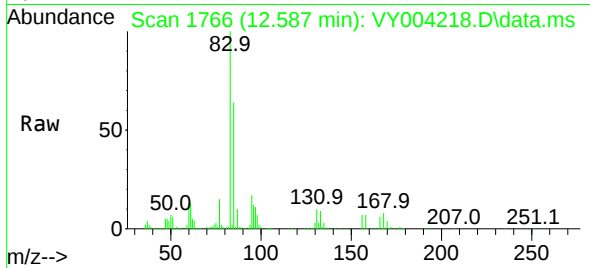




#75  
1,1,2,2-Tetrachloroethane  
Concen: 110.73 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

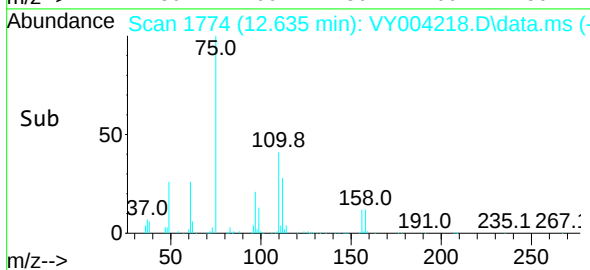
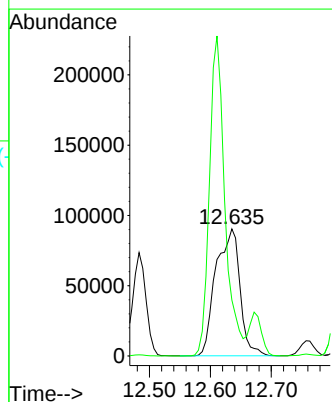
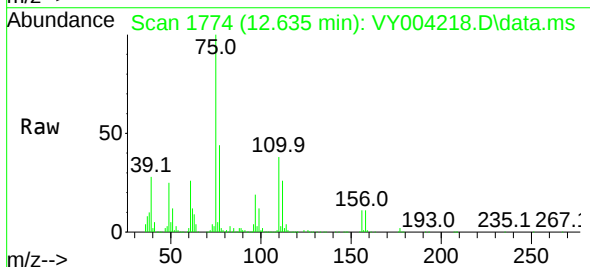
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

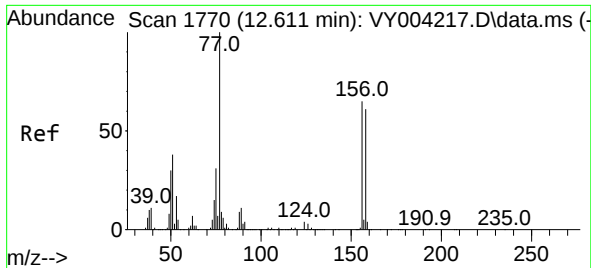
Tgt Ion: 83 Resp: 179980  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 64.1 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 196.96 ug/l  
RT: 12.635 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 75 Resp: 248771  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

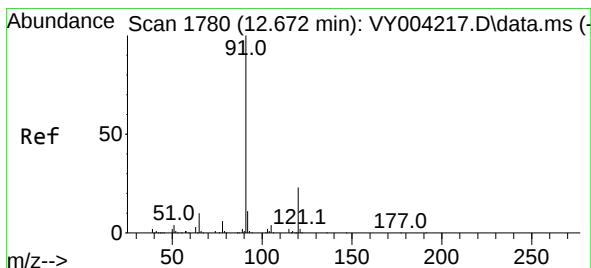
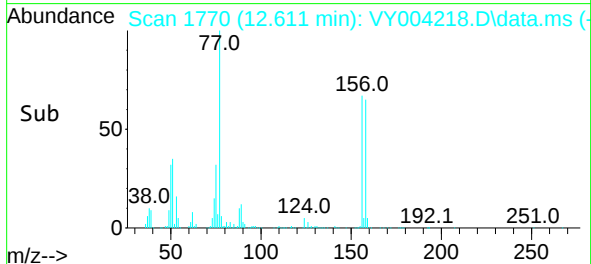
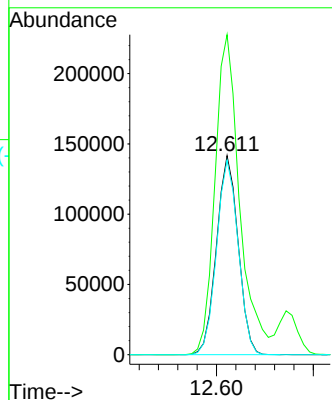
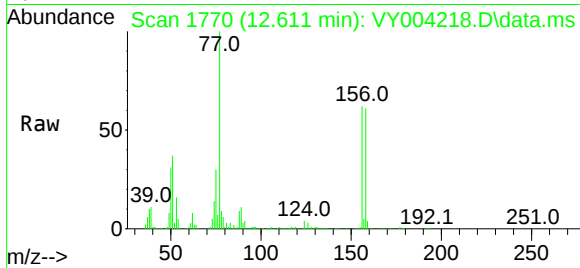




#77  
Bromobenzene  
Concen: 102.16 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

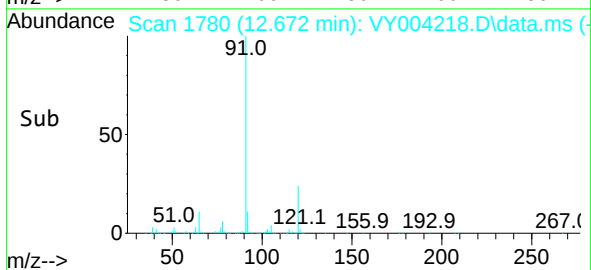
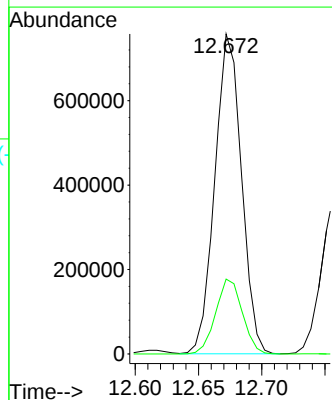
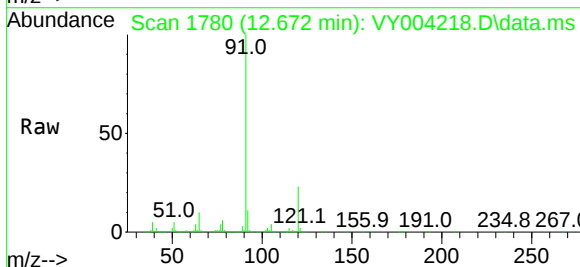
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

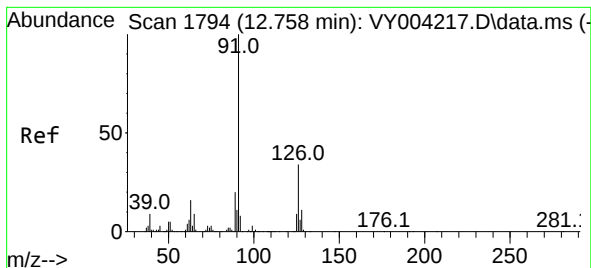
Tgt Ion:156 Resp: 220114  
Ion Ratio Lower Upper  
156 100  
77 182.3 88.6 265.9  
158 97.3 48.3 144.9



#78  
n-propylbenzene  
Concen: 101.36 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 91 Resp: 1109355  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.9 35.5

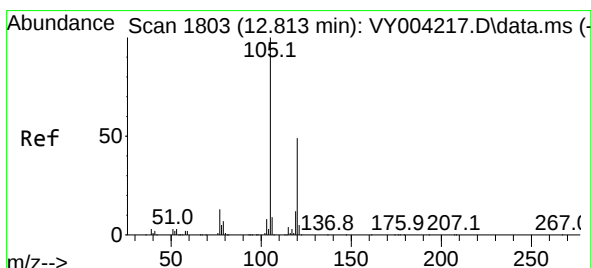
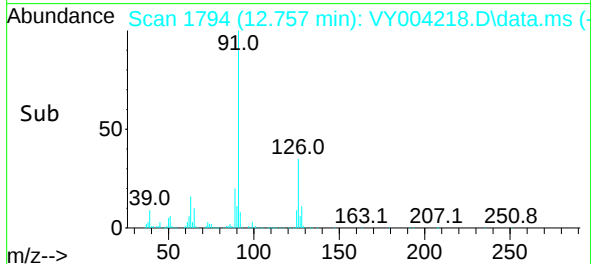
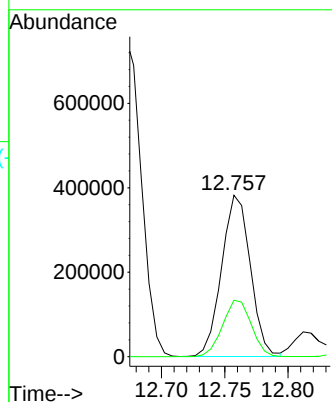
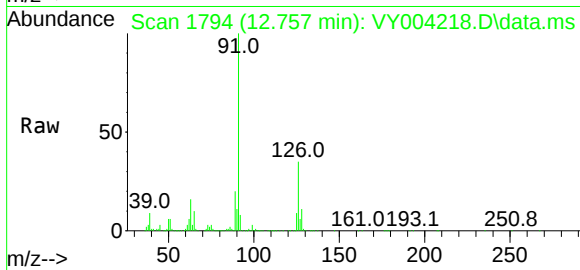




#79  
2-Chlorotoluene  
Concen: 98.64 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

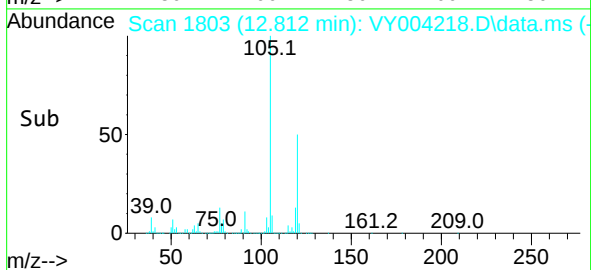
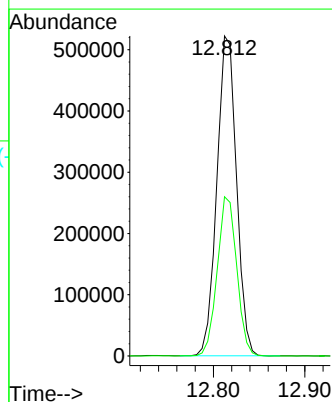
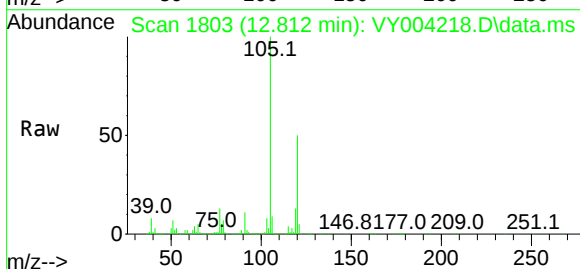
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

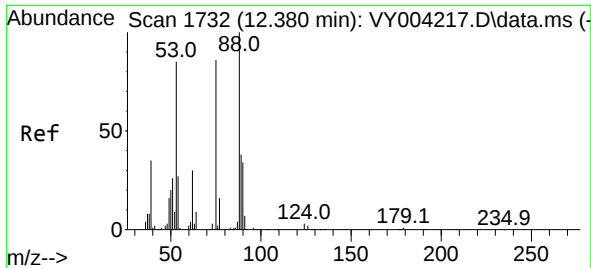
Tgt Ion: 91 Resp: 604347  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.6



#80  
1,3,5-Trimethylbenzene  
Concen: 99.34 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 105 Resp: 780239  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.9 74.7

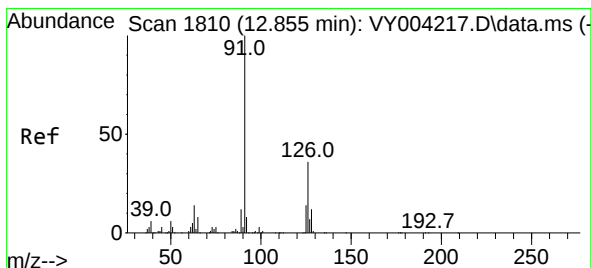
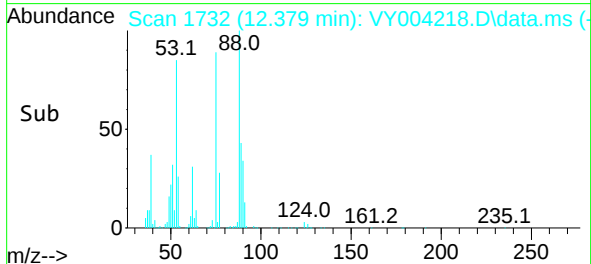
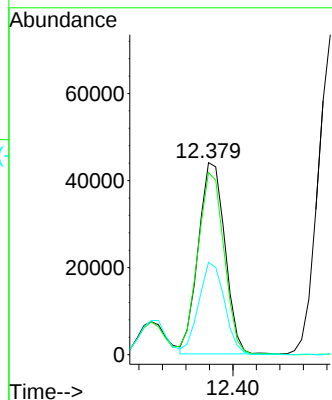
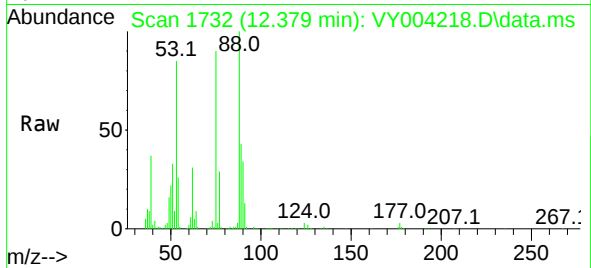




#81  
trans-1,4-Dichloro-2-butene  
Concen: 107.75 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

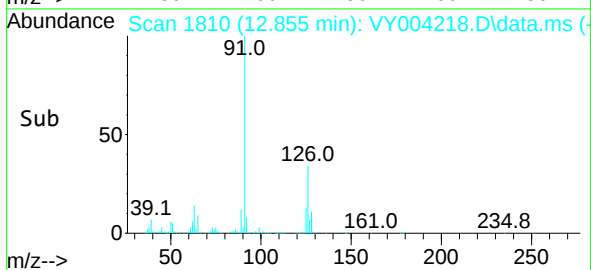
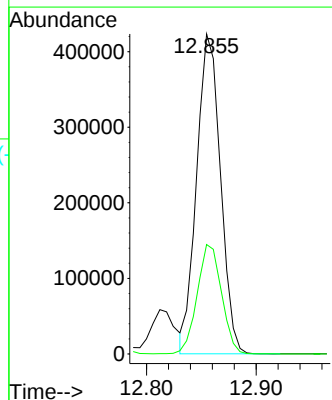
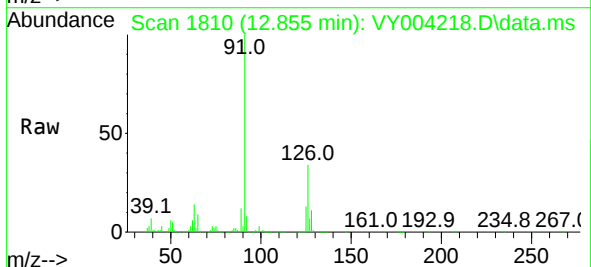
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

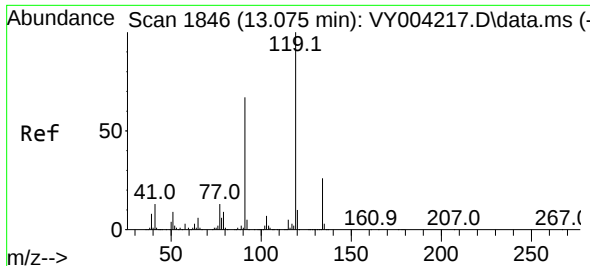
Tgt Ion: 75 Resp: 69183  
Ion Ratio Lower Upper  
75 100  
53 95.3 79.3 118.9  
89 46.8 39.4 59.2



#82  
4-Chlorotoluene  
Concen: 98.75 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 91 Resp: 639062  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.8 53.4

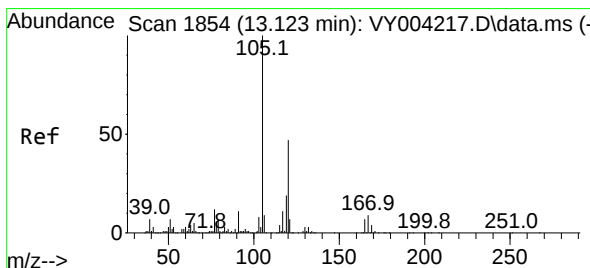
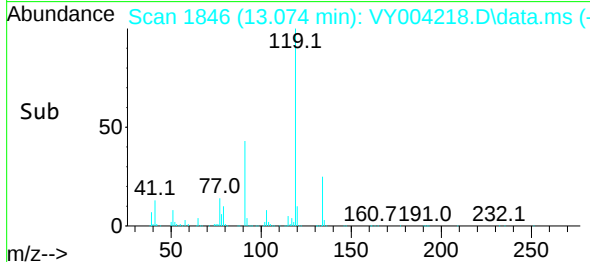
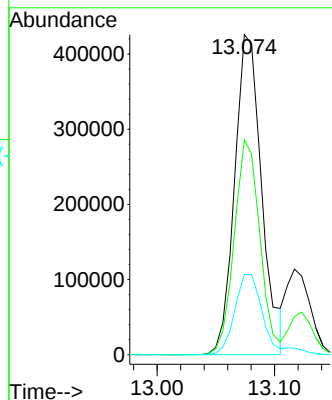
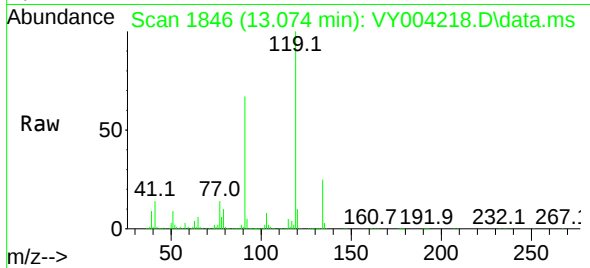




#83  
tert-Butylbenzene  
Concen: 101.04 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

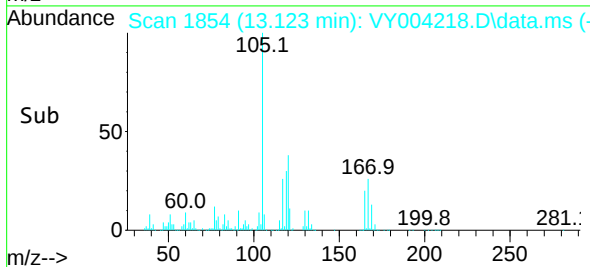
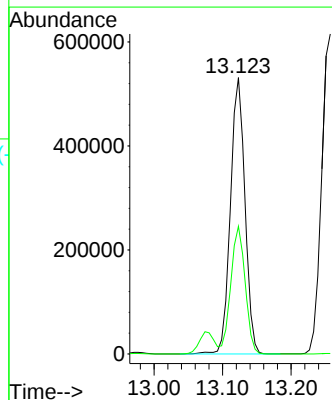
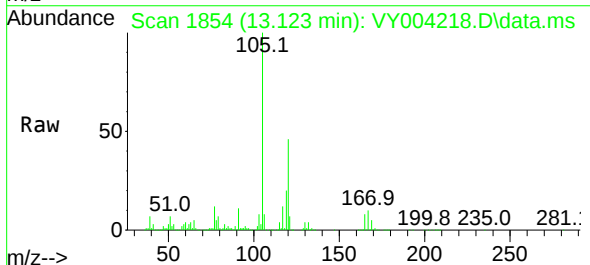
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

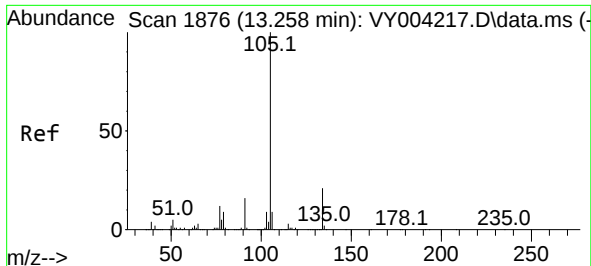
Tgt Ion:119 Resp: 680931  
Ion Ratio Lower Upper  
119 100  
91 63.9 33.1 99.2  
134 26.6 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 99.61 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion:105 Resp: 782404  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.9 68.7

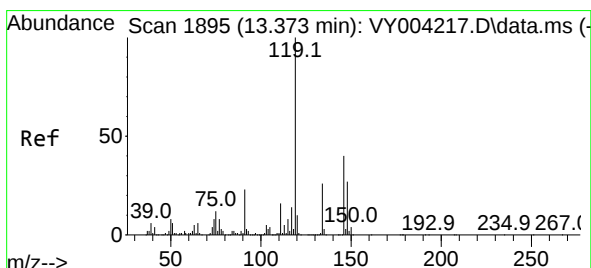
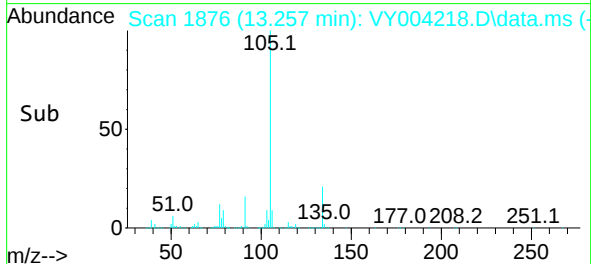
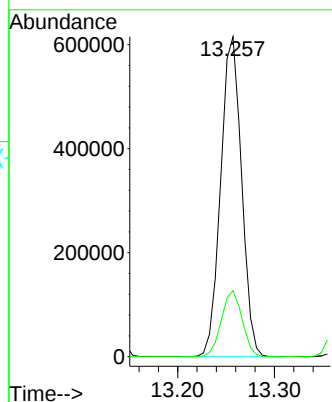
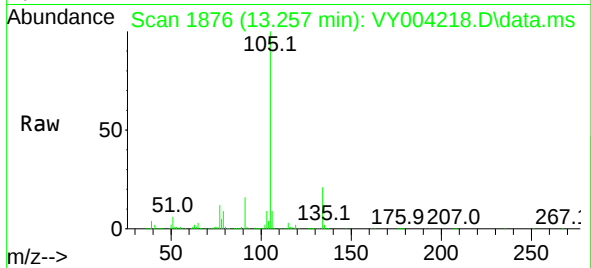




#85  
 sec-Butylbenzene  
 Concen: 99.00 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY004218.D  
 Acq: 29 Mar 2021 18:17

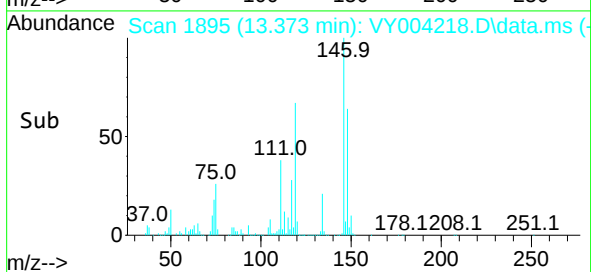
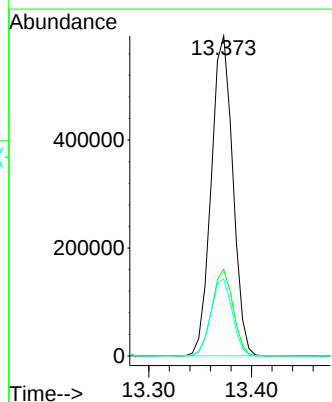
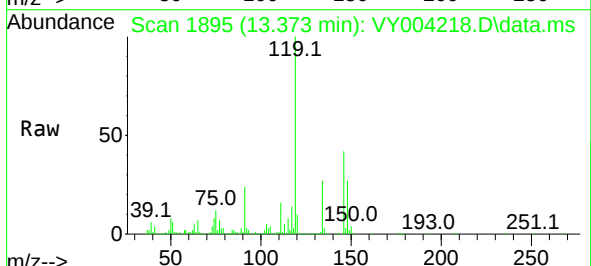
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

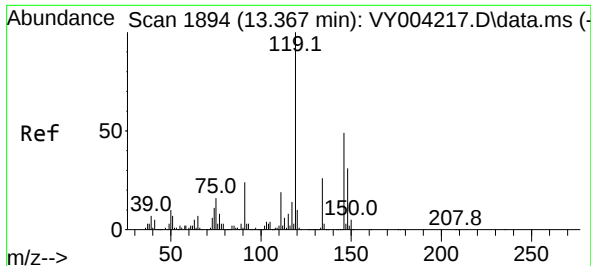
Tgt Ion:105 Resp: 921061  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.4 31.4



#86  
 p-Isopropyltoluene  
 Concen: 100.07 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY004218.D  
 Acq: 29 Mar 2021 18:17

Tgt Ion:119 Resp: 864517  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.9  
 91 23.9 12.0 36.0

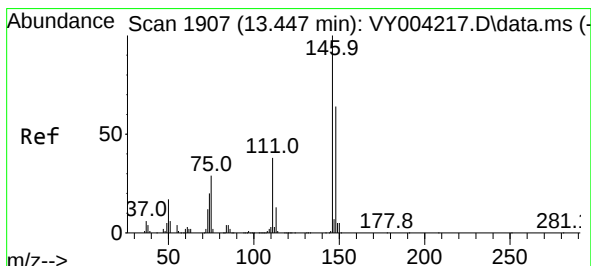
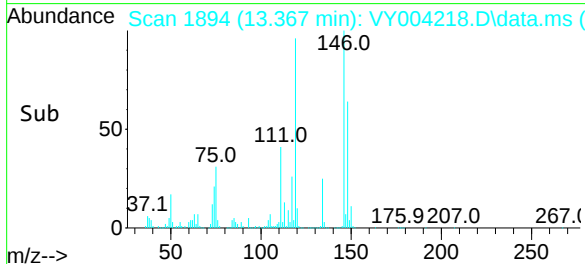
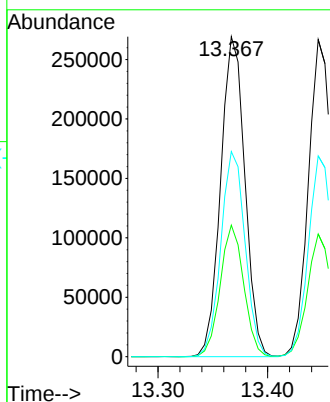
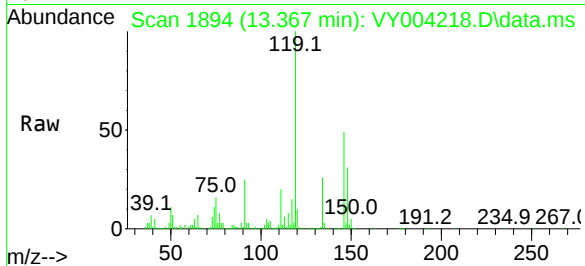




#87  
1,3-Dichlorobenzene  
Concen: 100.17 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

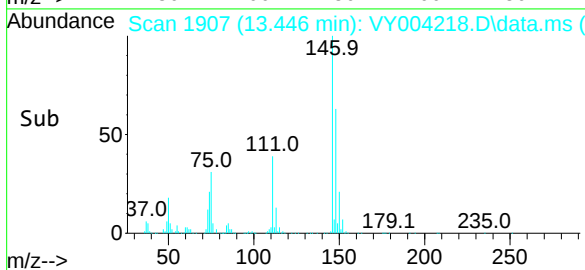
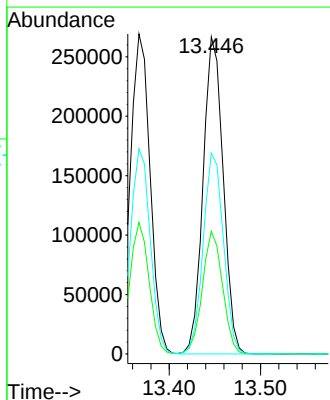
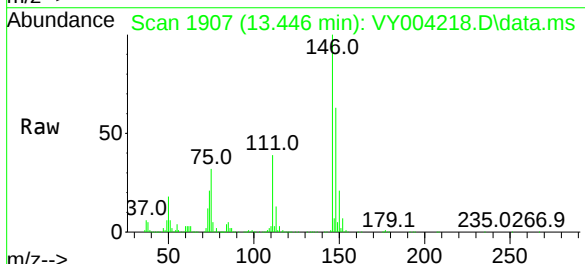
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

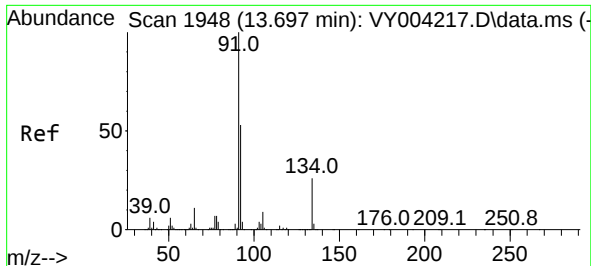
Tgt Ion:146 Resp: 413832  
Ion Ratio Lower Upper  
146 100  
111 39.9 19.7 59.1  
148 64.0 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 98.82 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion:146 Resp: 407824  
Ion Ratio Lower Upper  
146 100  
111 38.8 19.1 57.3  
148 64.0 31.9 95.9

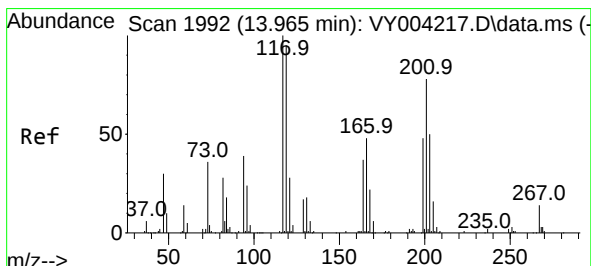
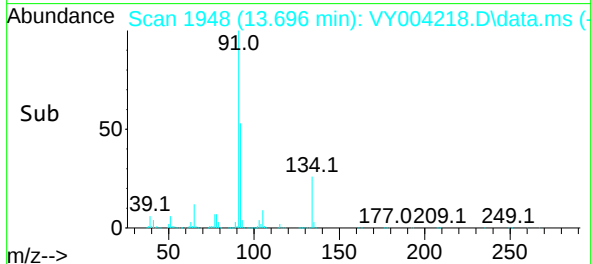
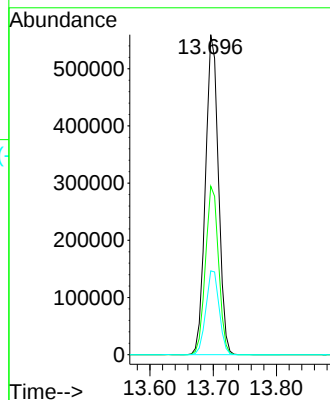
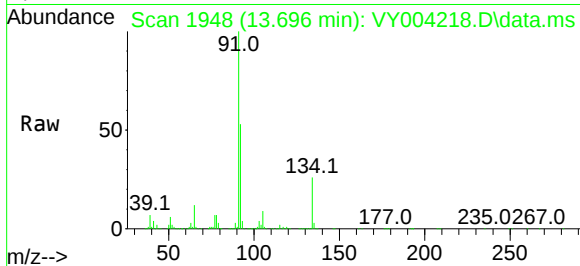




#89  
n-Butylbenzene  
Concen: 97.76 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

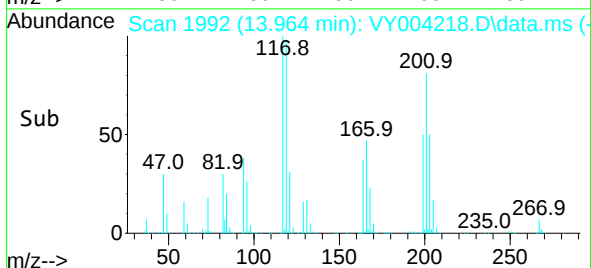
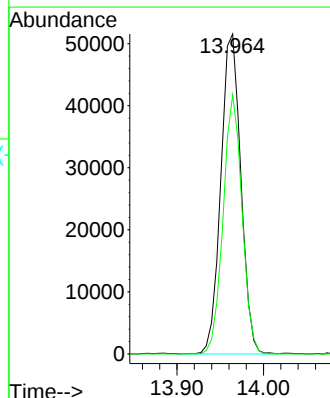
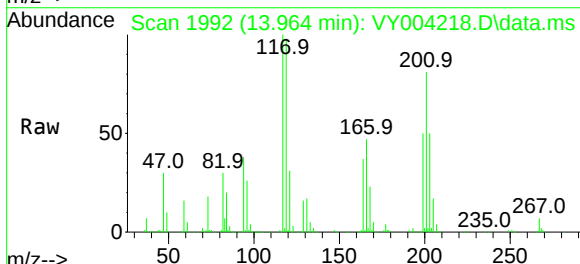
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

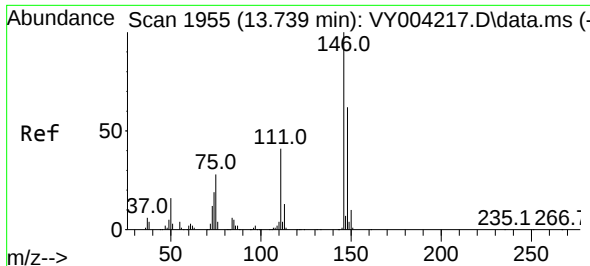
Tgt Ion: 91 Resp: 800039  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.5 79.4  
134 26.9 13.6 40.7



#90  
Hexachloroethane  
Concen: 59.33 ug/l  
RT: 13.964 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 117 Resp: 82838  
Ion Ratio Lower Upper  
117 100  
201 76.2 37.6 112.9

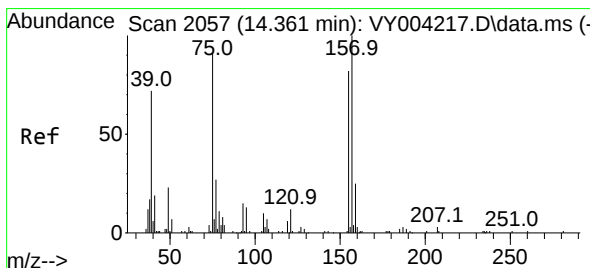
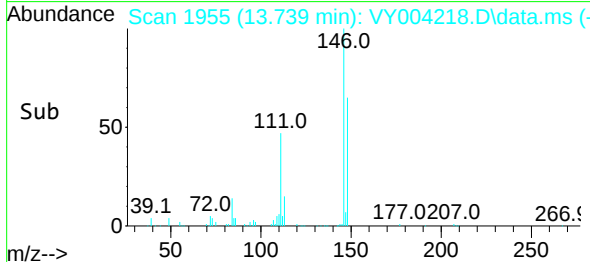
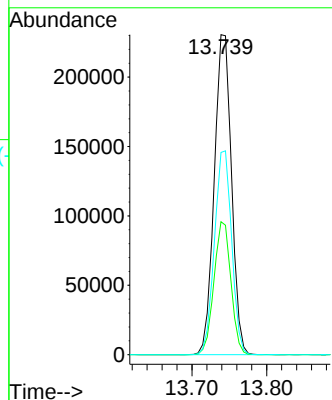
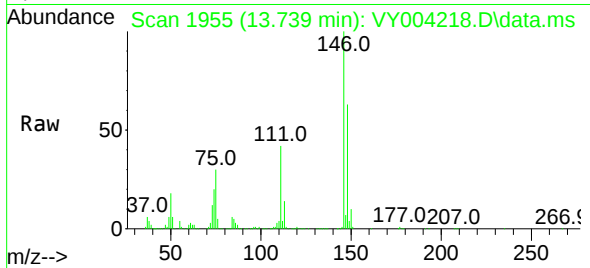




#91  
1,2-Dichlorobenzene  
Concen: 100.78 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

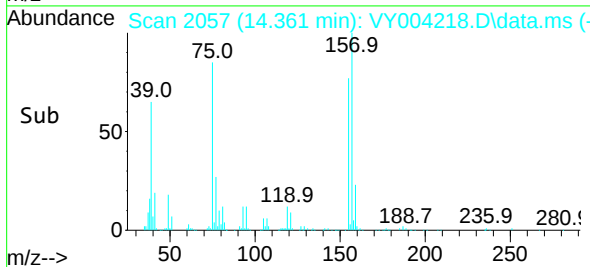
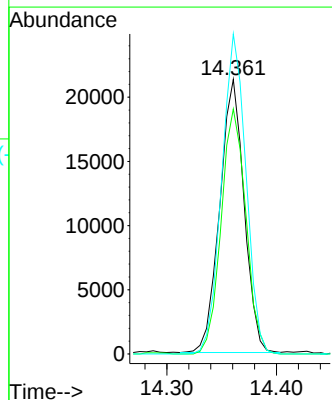
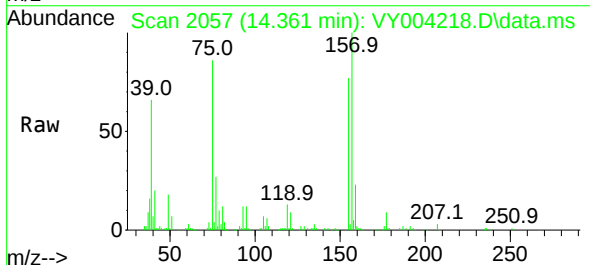
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

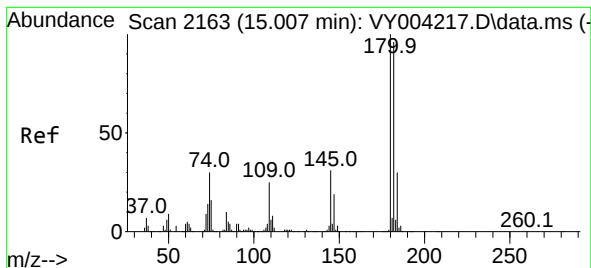
Tgt Ion:146 Resp: 369768  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.1 60.3  
148 63.7 31.6 94.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 107.80 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion: 75 Resp: 32770  
Ion Ratio Lower Upper  
75 100  
155 90.9 46.3 138.8  
157 116.9 58.3 174.9

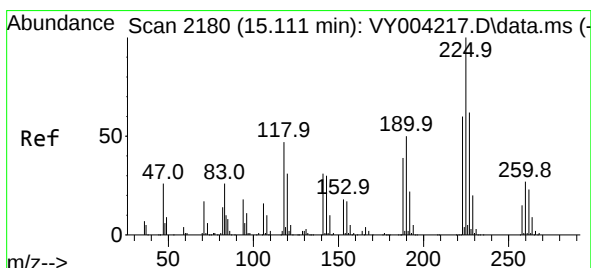
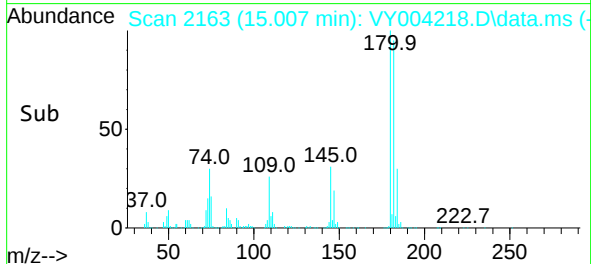
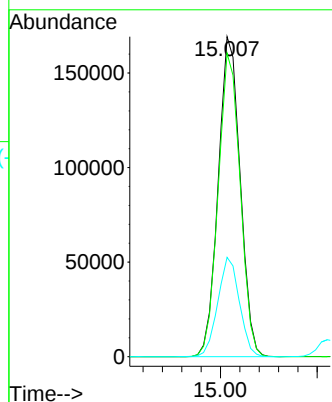
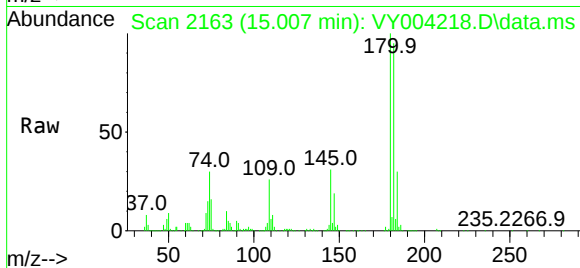




#93  
1,2,4-Trichlorobenzene  
Concen: 106.07 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

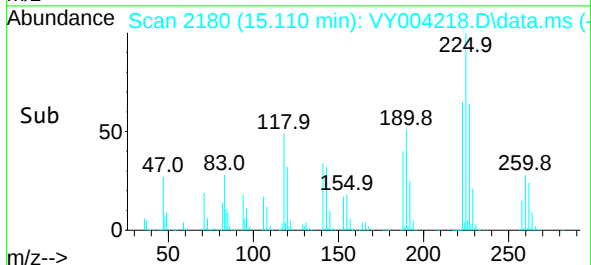
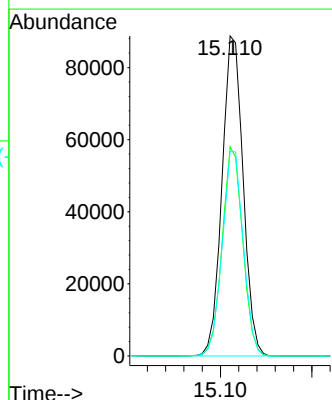
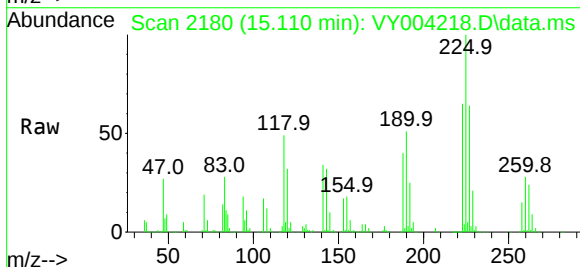
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

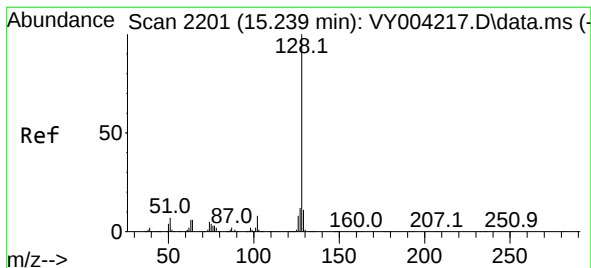
Tgt Ion:180 Resp: 266055  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.3 141.8  
145 30.7 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 101.98 ug/l  
RT: 15.110 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion:225 Resp: 142281  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.6 95.0  
227 63.8 31.8 95.4

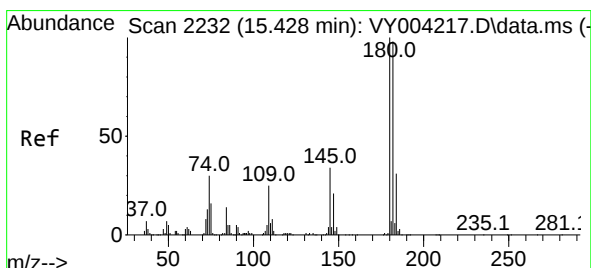
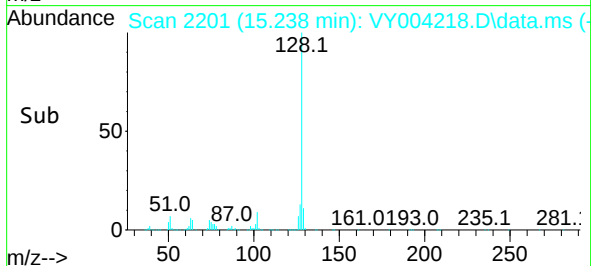
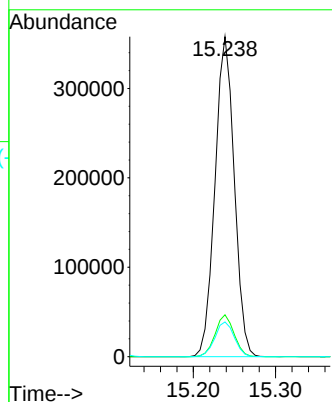
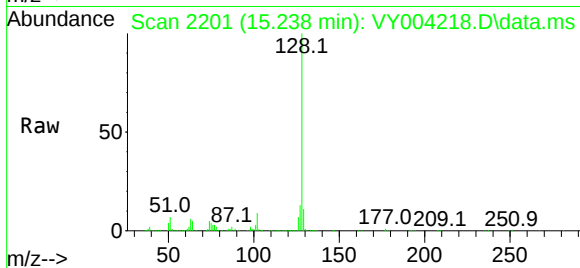




#95  
Naphthalene  
Concen: 116.12 ug/l  
RT: 15.238 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 582787  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.1 15.1  
129 11.0 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 112.77 ug/l  
RT: 15.427 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004218.D  
Acq: 29 Mar 2021 18:17

Tgt Ion:180 Resp: 239775  
Ion Ratio Lower Upper  
180 100  
182 94.0 48.0 144.0  
145 32.7 16.7 50.0

