

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031122\  
 Data File : VD072143.D  
 Acq On : 11 Mar 2022 10:47  
 Operator : VA/SY  
 Sample : VSTDICC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC005

Quant Time: Mar 14 01:25:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 01:23:26 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 384926   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 632983   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 591773   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 305067   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 24183    | 5.136    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 10.280%# |
| 35) Dibromofluoromethane     | 7.914  | 113   | 23412    | 5.642    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 11.280%# |
| 50) Toluene-d8               | 10.332 | 98    | 78242    | 5.056    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 10.120%# |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 32750    | 5.952    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 11.900%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 26210    | 5.851    | ug/l   | 96       |
| 3) Chloromethane             | 2.209  | 50    | 28169    | 5.436    | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350  | 62    | 24226    | 4.506    | ug/l   | 99       |
| 5) Bromomethane              | 2.762  | 94    | 16905    | 4.778    | ug/l   | 93       |
| 6) Chloroethane              | 2.921  | 64    | 15180    | 4.454    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.273  | 101   | 46184    | 5.701    | ug/l   | 98       |
| 8) Diethyl Ether             | 3.715  | 74    | 11712    | 5.536    | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.103  | 101   | 27221    | 5.865    | ug/l   | 94       |
| 10) Methyl Iodide            | 4.303  | 142   | 23182    | 5.091    | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.226  | 59    | 6966     | 20.267   | ug/l # | 74       |
| 12) 1,1-Dichloroethene       | 4.073  | 96    | 24807    | 5.974    | ug/l   | 82       |
| 13) Acrolein                 | 3.926  | 56    | 7436     | 18.696   | ug/l   | 94       |
| 14) Allyl chloride           | 4.715  | 41    | 36051    | 4.620    | ug/l   | 96       |
| 15) Acrylonitrile            | 5.420  | 53    | 25305    | 23.796   | ug/l   | 95       |
| 16) Acetone                  | 4.162  | 43    | 27850    | 22.404   | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.403  | 76    | 78572    | 5.677    | ug/l   | 100      |
| 18) Methyl Acetate           | 4.720  | 43    | 22890    | 8.332    | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.485  | 73    | 52780    | 5.302    | ug/l # | 87       |
| 20) Methylene Chloride       | 4.962  | 84    | 36156    | 6.607    | ug/l   | 85       |
| 21) trans-1,2-Dichloroethene | 5.468  | 96    | 27380    | 5.680    | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.367  | 45    | 74429    | 4.832    | ug/l   | 91       |
| 23) Vinyl Acetate            | 6.303  | 43    | 131638   | 15.710   | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 6.267  | 63    | 49950    | 5.505    | ug/l   | 97       |
| 25) 2-Butanone               | 7.209  | 43    | 33737    | 22.920   | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.209  | 77    | 39959    | 5.230    | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.209  | 96    | 29809    | 5.665    | ug/l   | 92       |
| 28) Bromochloromethane       | 7.544  | 49    | 18390    | 5.333    | ug/l   | 87       |
| 29) Tetrahydrofuran          | 7.567  | 42    | 19785    | 22.589   | ug/l   | 93       |
| 30) Chloroform               | 7.703  | 83    | 51040    | 5.464    | ug/l   | 100      |
| 31) Cyclohexane              | 7.985  | 56    | 53204    | 5.894    | ug/l # | 81       |
| 32) 1,1,1-Trichloroethane    | 7.903  | 97    | 46156    | 5.563    | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.109  | 75    | 39030    | 5.525    | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.291  | 43    | 14572    | 4.564    | ug/l # | 87       |
| 38) Carbon Tetrachloride     | 8.097  | 117   | 41914    | 5.897    | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.350  | 83    | 46818    | 5.726    | ug/l   | 96       |
| 40) Benzene                  | 8.344  | 78    | 110455   | 5.778    | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031122\  
 Data File : VD072143.D  
 Acq On : 11 Mar 2022 10:47  
 Operator : VA/SY  
 Sample : VSTDICC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC005

Quant Time: Mar 14 01:25:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 01:23:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 6955     | 3.875   | ug/l # | 72       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 32519    | 5.475   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 27656    | 4.795   | ug/l # | 89       |
| 44) Trichloroethene           | 9.108  | 130  | 31574    | 6.278   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 28586    | 5.794   | ug/l   | 98       |
| 46) Dibromomethane            | 9.473  | 93   | 14544    | 5.701   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.656  | 83   | 39935    | 5.822   | ug/l   | 91       |
| 48) Methyl methacrylate       | 9.456  | 41   | 14207    | 4.660   | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 2999     | 103.402 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 68135    | 22.618  | ug/l   | 95       |
| 52) Toluene                   | 10.397 | 92   | 64706    | 5.381   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 36251    | 5.785   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 41685    | 5.642   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 20086    | 5.820   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 21833    | 5.179   | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 33737    | 5.534   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 49641    | 25.376  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.973 | 43   | 45830    | 21.239  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.132 | 129  | 26416    | 6.158   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 18709    | 5.674   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.867 | 164  | 27309    | 6.457   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.661 | 112  | 78313    | 6.175   | ug/l   | 89       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 28151    | 6.037   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 129137   | 5.565   | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.844 | 106  | 96010    | 10.878  | ug/l   | 100      |
| 69) o-Xylene                  | 12.173 | 106  | 43824    | 5.419   | ug/l   | 97       |
| 70) Styrene                   | 12.185 | 104  | 74148    | 5.340   | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 14129    | 5.721   | ug/l # | 91       |
| 73) Isopropylbenzene          | 12.473 | 105  | 118899   | 4.985   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.279 | 43   | 24616    | 4.378   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 22100    | 5.107   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 28453    | 8.815   | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 29235    | 5.531   | ug/l   | 89       |
| 78) n-propylbenzene           | 12.814 | 91   | 150088   | 5.059   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.897 | 91   | 86441    | 5.145   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 103916   | 5.260   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 6597     | 5.072   | ug/l # | 89       |
| 82) 4-Chlorotoluene           | 12.997 | 91   | 92042    | 5.260   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 88129    | 5.317   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 103609   | 5.340   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.391 | 105  | 129665   | 5.020   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 110116   | 5.247   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 60782    | 5.645   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 62256    | 5.789   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.826 | 91   | 101936   | 4.953   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 21875    | 5.256   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 51792    | 5.622   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 3552     | 4.983   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 31709    | 5.741   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 19229    | 6.240   | ug/l   | 97       |
| 95) Naphthalene               | 15.385 | 128  | 49335    | 5.050   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 28302    | 6.002   | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031122\  
Data File : VD072143.D  
Acq On : 11 Mar 2022 10:47  
Operator : VA/SY  
Sample : VSTDICC005  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

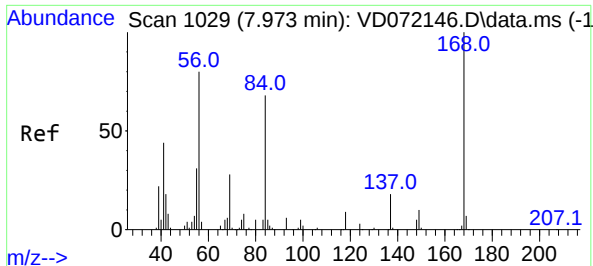
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Quant Time: Mar 14 01:25:19 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 14 01:23:26 2022  
Response via : Initial Calibration

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

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

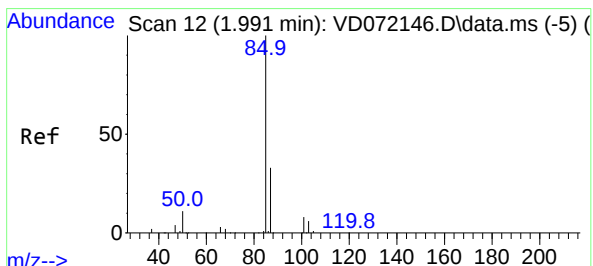
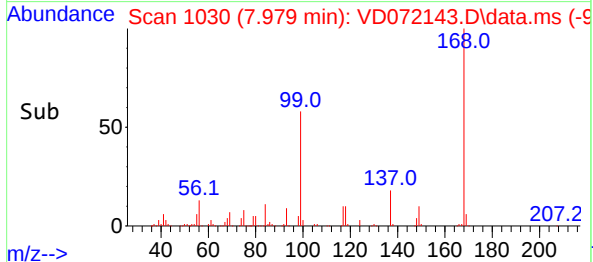
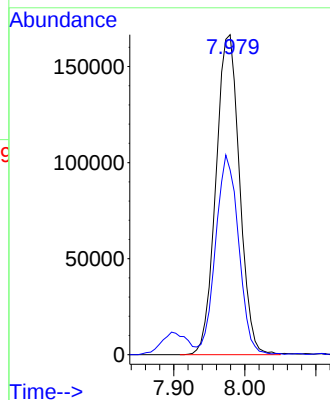
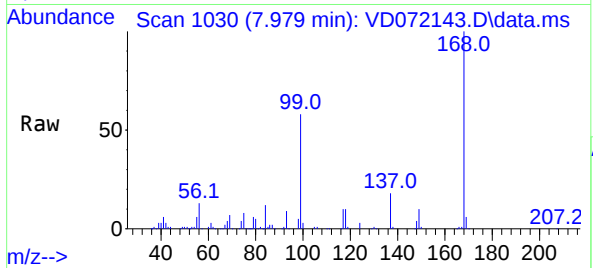




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

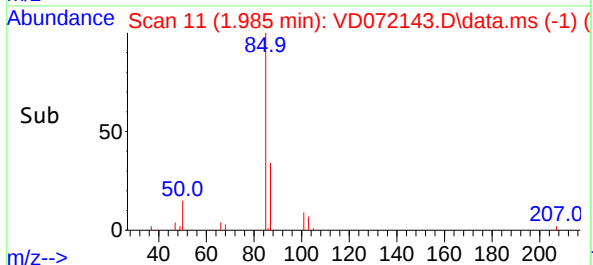
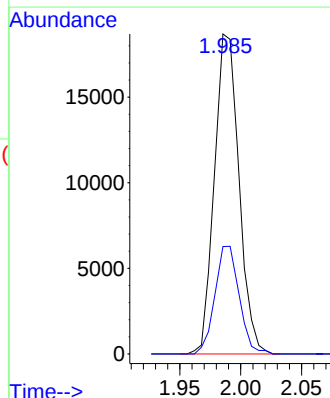
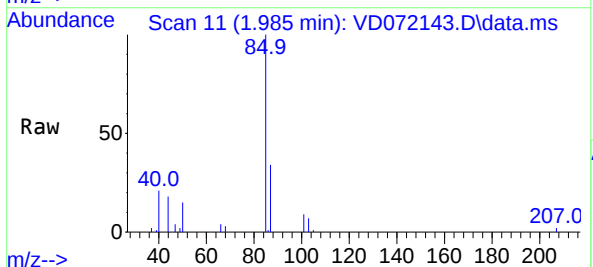
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tgt Ion:168 Resp: 384926  
Ion Ratio Lower Upper  
168 100  
99 57.3 49.8 74.6

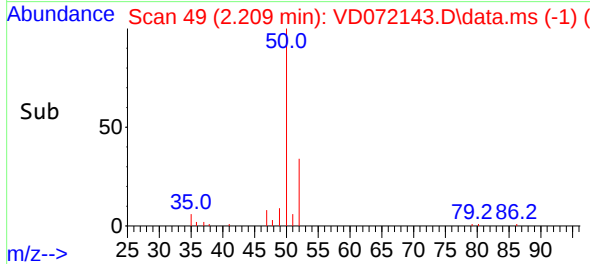
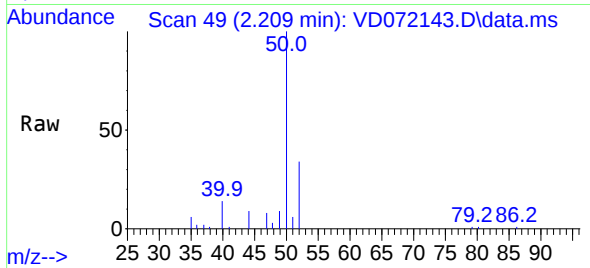
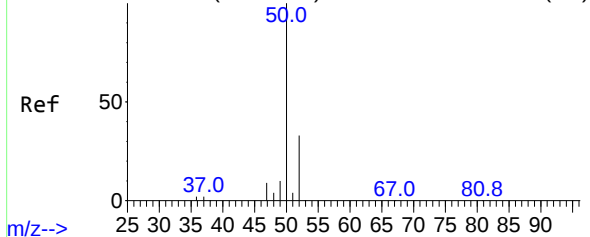


#2  
Dichlorodifluoromethane  
Concen: 5.851 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 85 Resp: 26210  
Ion Ratio Lower Upper  
85 100  
87 33.6 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 5.436 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

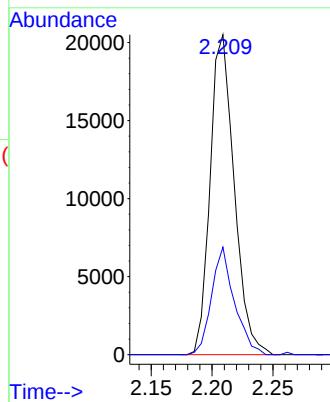
VSTDIC005

Tgt Ion: 50 Resp: 28169

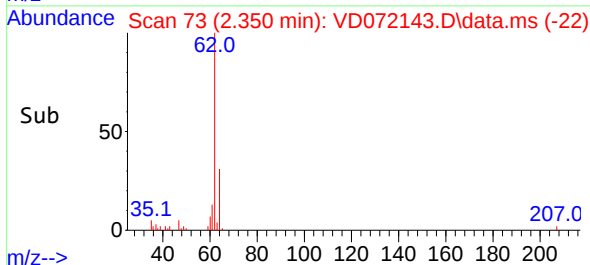
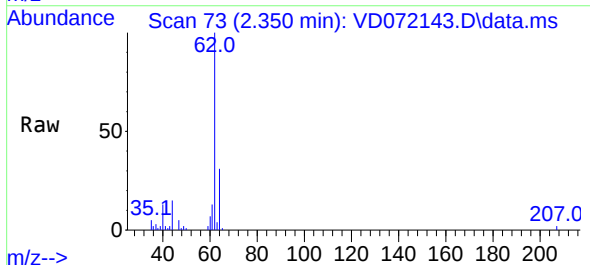
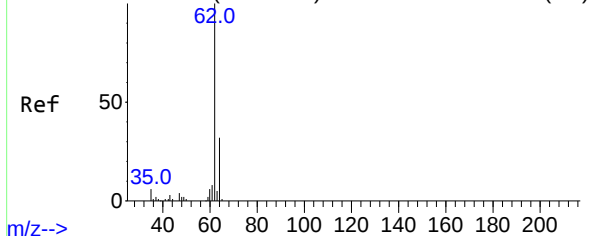
Ion Ratio Lower Upper

50 100

52 33.6 27.4 41.0



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 4.506 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD072143.D

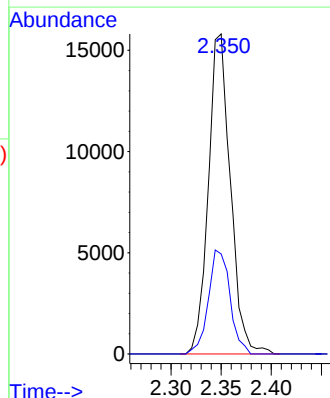
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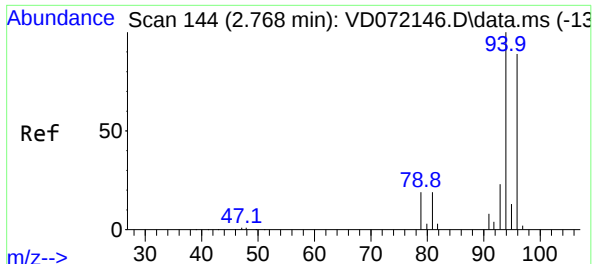
Tgt Ion: 62 Resp: 24226

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0

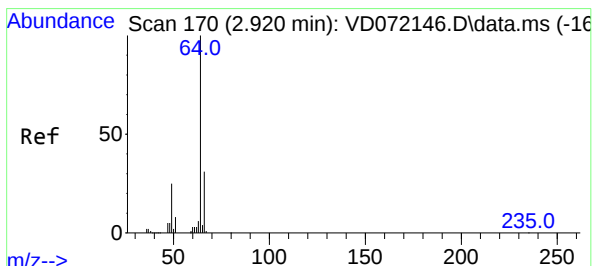
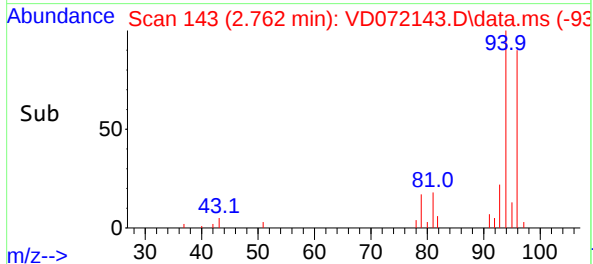
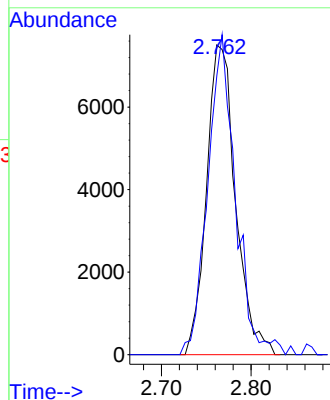
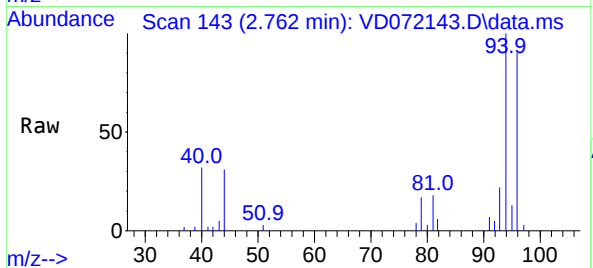




#5  
Bromomethane  
Concen: 4.778 ug/l  
RT: 2.762 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

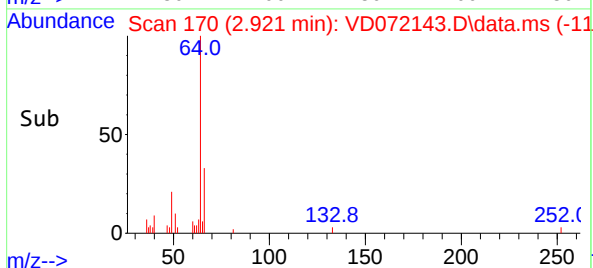
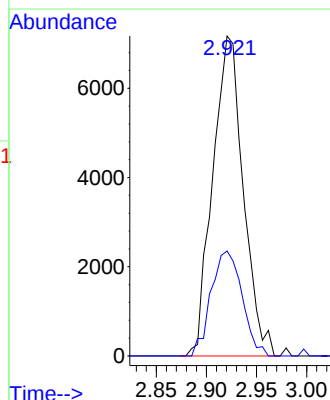
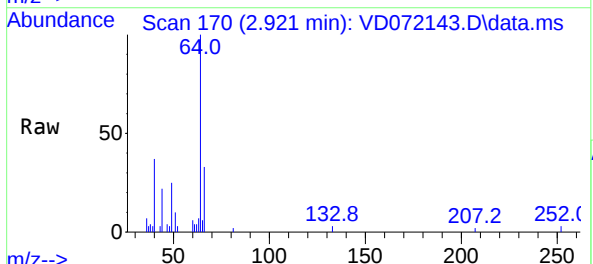
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

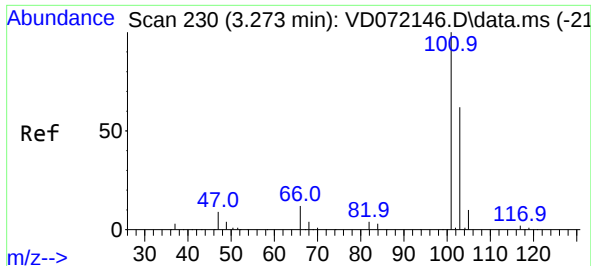
Tgt Ion: 94 Resp: 16905  
Ion Ratio Lower Upper  
94 100  
96 90.1 77.6 116.4



#6  
Chloroethane  
Concen: 4.454 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 64 Resp: 15180  
Ion Ratio Lower Upper  
64 100  
66 32.8 25.9 38.9

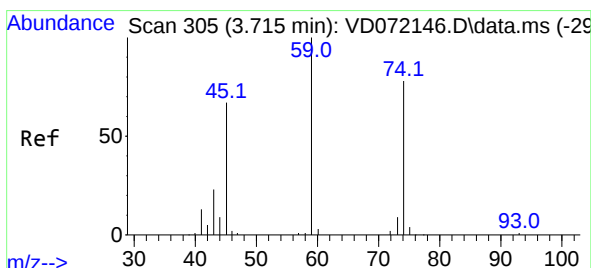
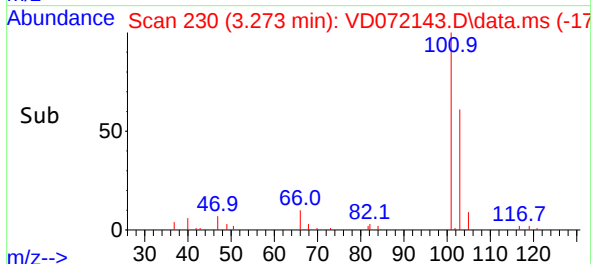
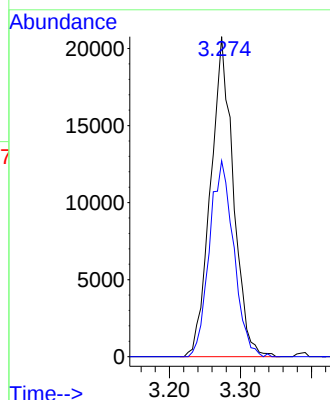
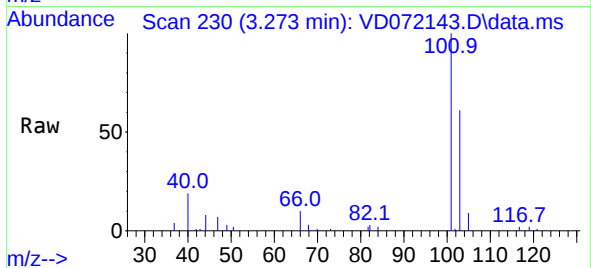




#7  
Trichlorofluoromethane  
Concen: 5.701 ug/l  
RT: 3.273 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

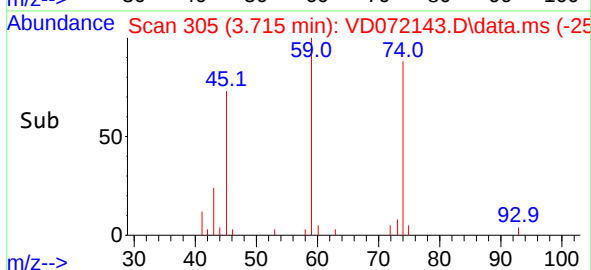
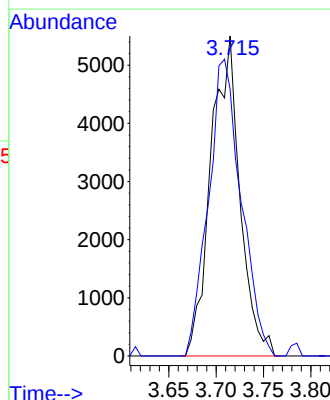
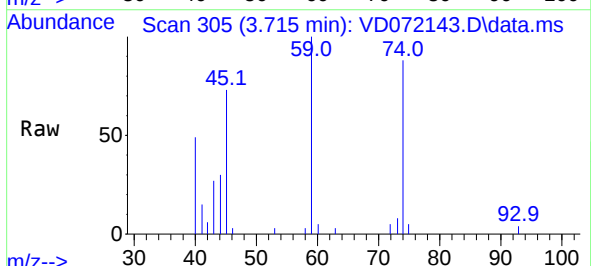
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

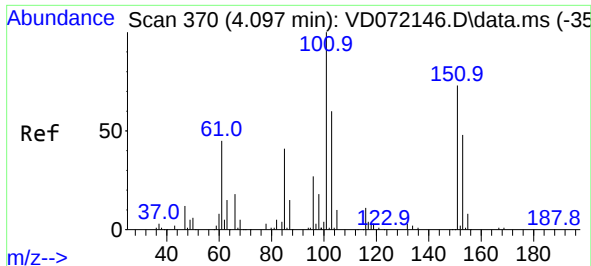
Tgt Ion:101 Resp: 46184  
Ion Ratio Lower Upper  
101 100  
103 61.2 50.1 75.1



#8  
Diethyl Ether  
Concen: 5.536 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 74 Resp: 11712  
Ion Ratio Lower Upper  
74 100  
45 104.8 52.6 157.8

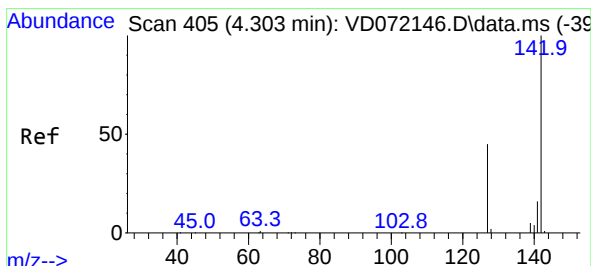
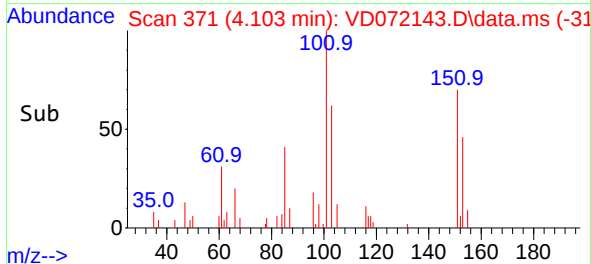
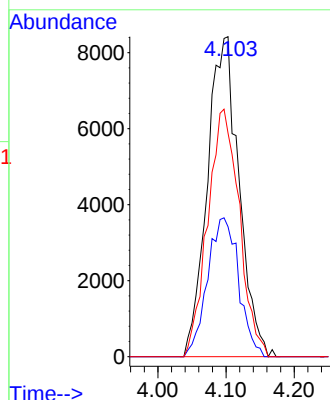
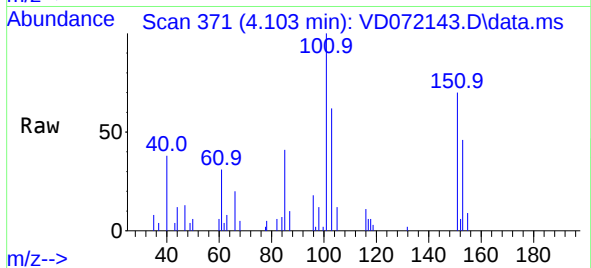




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.865 ug/l  
RT: 4.103 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

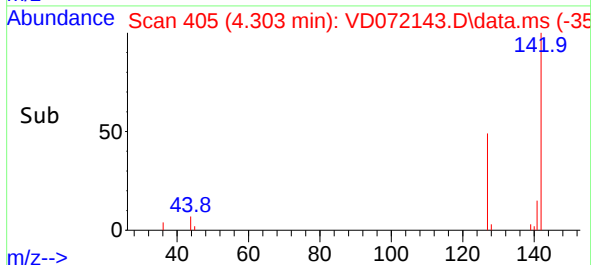
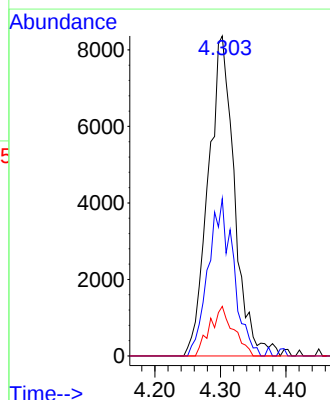
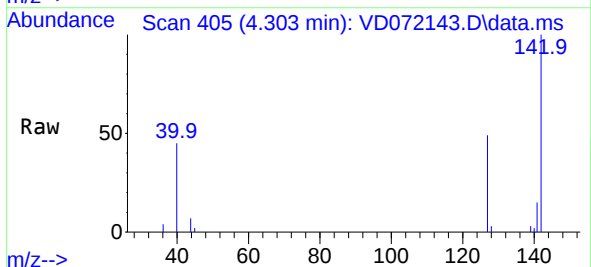
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

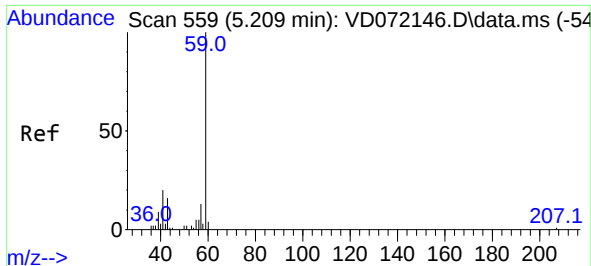
Tgt Ion:101 Resp: 27221  
Ion Ratio Lower Upper  
101 100  
85 42.8 36.4 54.6  
151 77.1 57.3 85.9



#10  
Methyl Iodide  
Concen: 5.091 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion:142 Resp: 23182  
Ion Ratio Lower Upper  
142 100  
127 47.4 37.3 55.9  
141 14.0 11.7 17.5

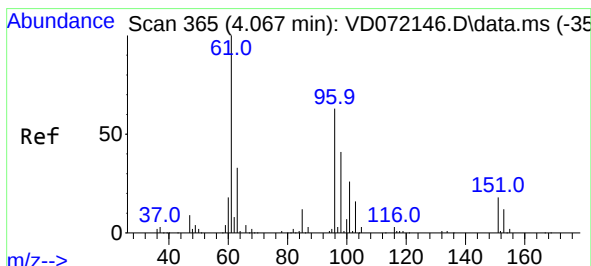
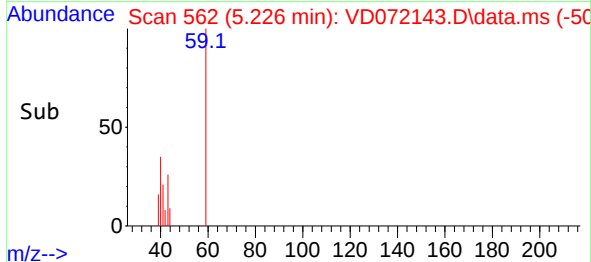
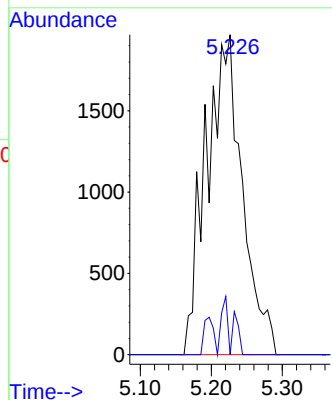
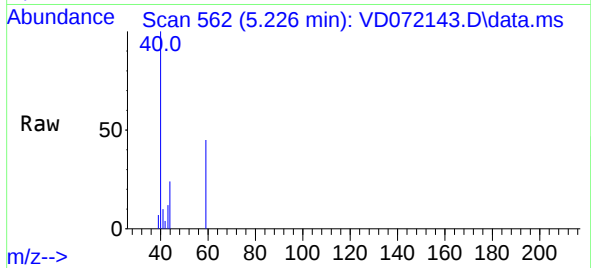




#11  
Tert butyl alcohol  
Concen: 20.267 ug/l  
RT: 5.226 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

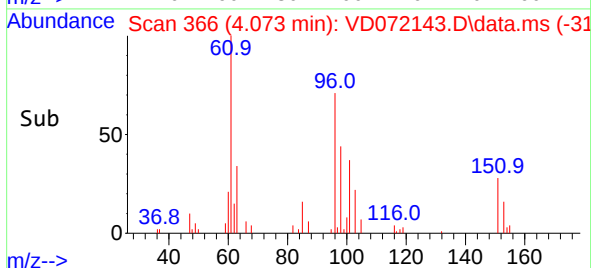
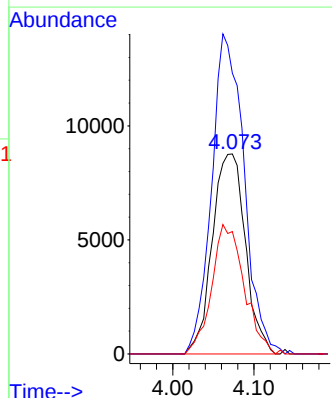
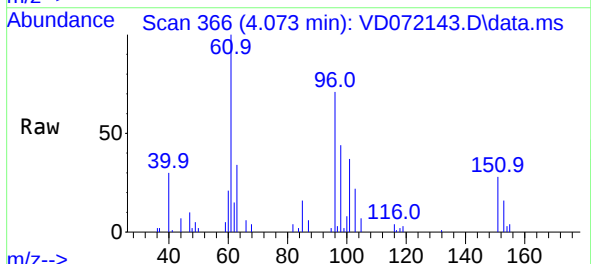
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

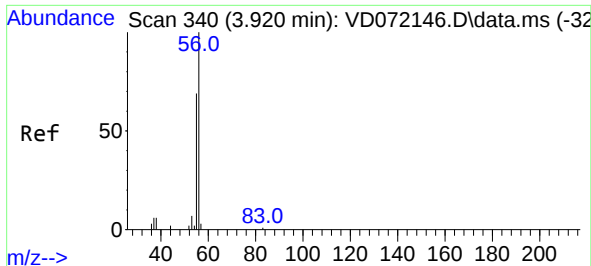
Tgt Ion: 59 Resp: 6966  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.6#



#12  
1,1-Dichloroethene  
Concen: 5.974 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 96 Resp: 24807  
Ion Ratio Lower Upper  
96 100  
61 140.4 138.5 207.7  
98 61.2 48.6 73.0

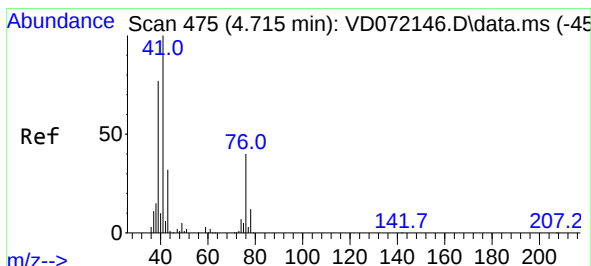
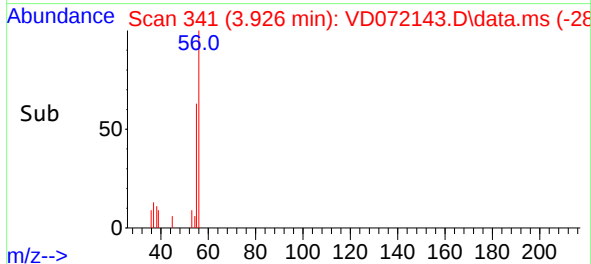
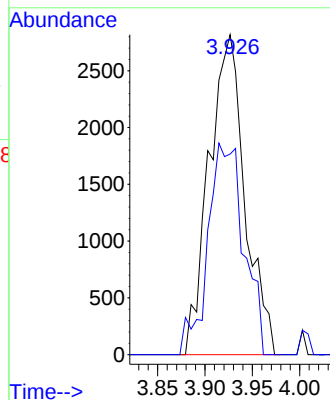
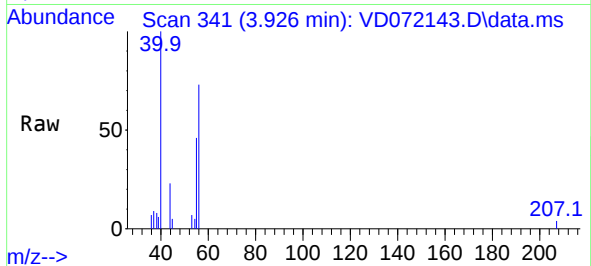




#13  
Acrolein  
Concen: 18.696 ug/l  
RT: 3.926 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

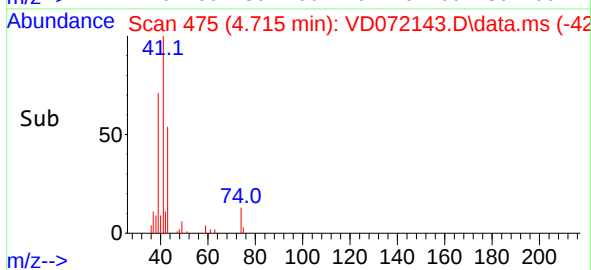
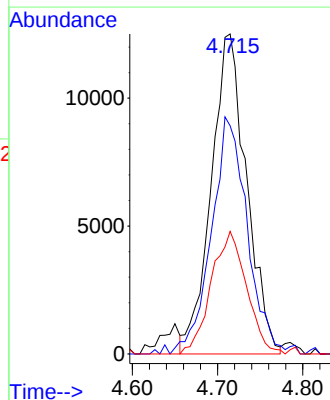
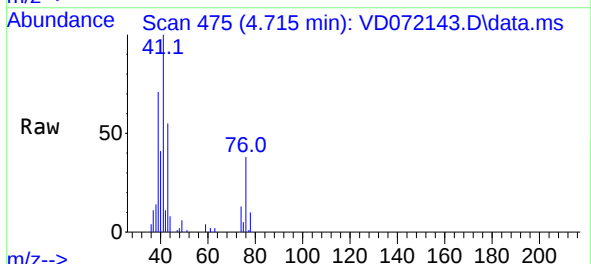
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

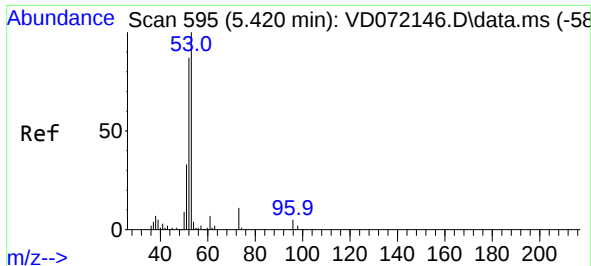
Tgt Ion: 56 Resp: 7436  
Ion Ratio Lower Upper  
56 100  
55 66.1 57.1 85.7



#14  
Allyl chloride  
Concen: 4.620 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 41 Resp: 36051  
Ion Ratio Lower Upper  
41 100  
39 75.3 59.3 88.9  
76 38.3 25.7 38.5

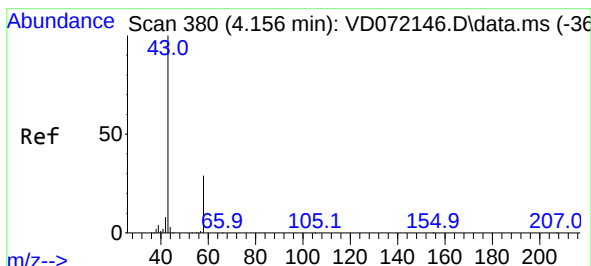
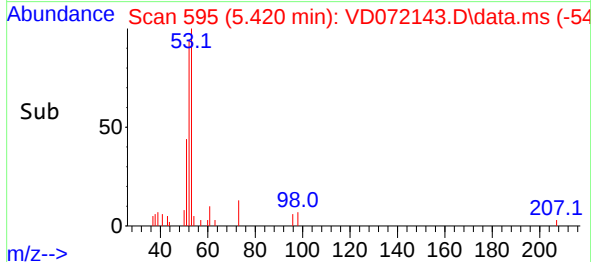
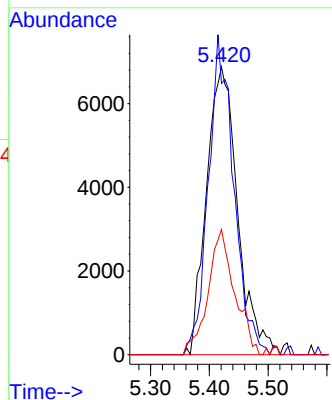
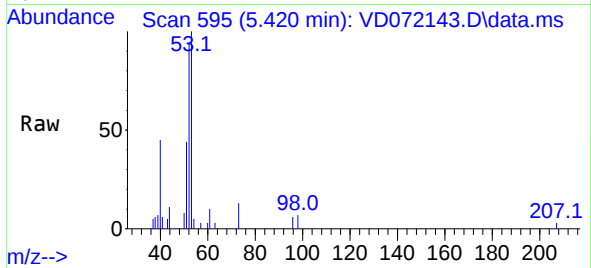




#15  
Acrylonitrile  
Concen: 23.796 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

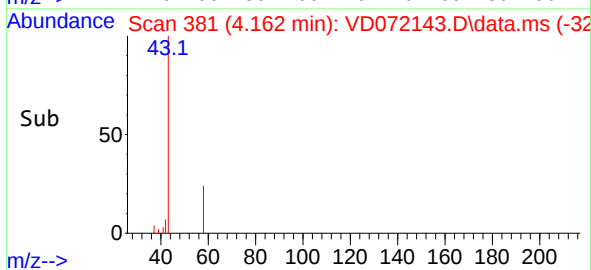
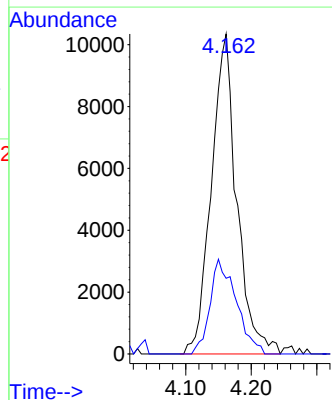
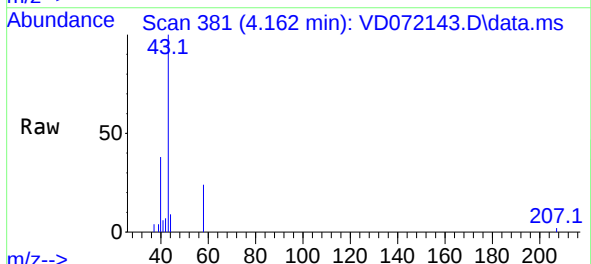
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

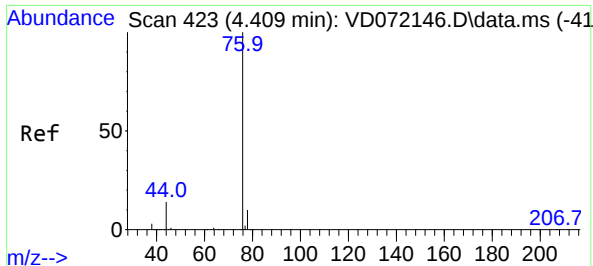
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 25305 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 90.5  | 67.2  | 100.8 |
| 51       | 37.4  | 30.3  | 45.5  |



#16  
Acetone  
Concen: 22.404 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 27850 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 23.7  | 22.1  | 33.1  |

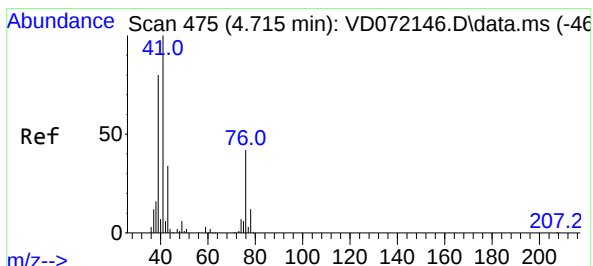
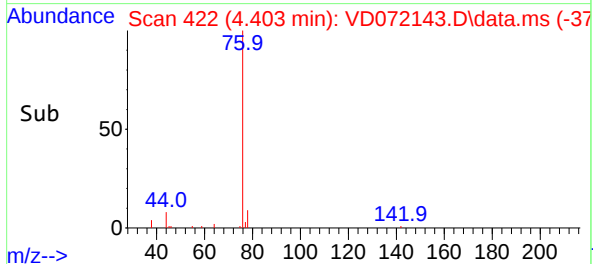
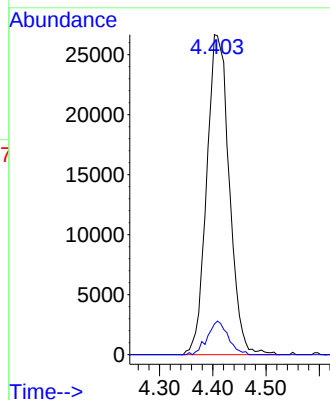
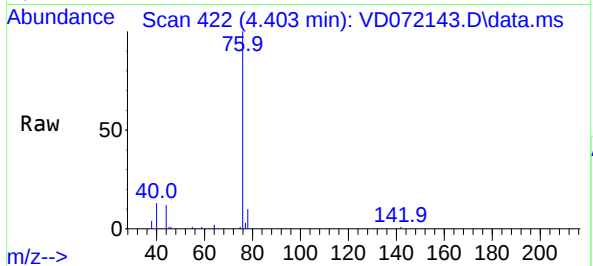




#17  
Carbon Disulfide  
Concen: 5.677 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

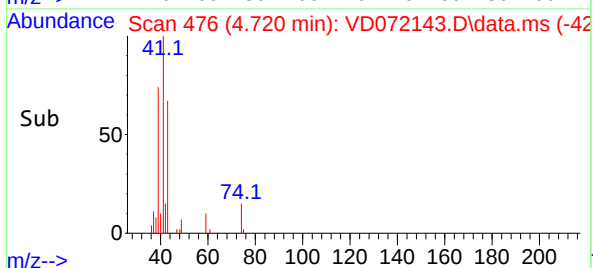
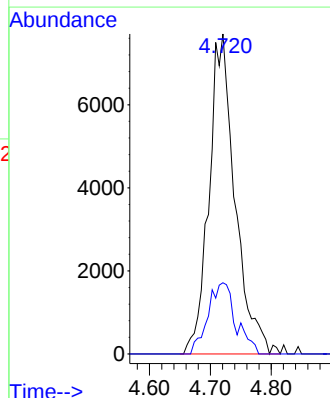
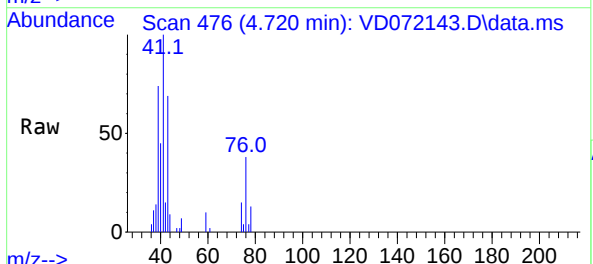
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

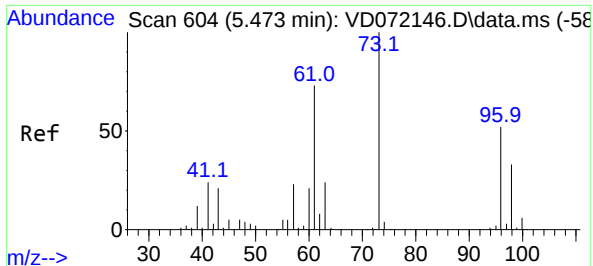
Tgt Ion: 76 Resp: 78572  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 8.332 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 43 Resp: 22890  
Ion Ratio Lower Upper  
43 100  
74 23.8 16.7 25.1

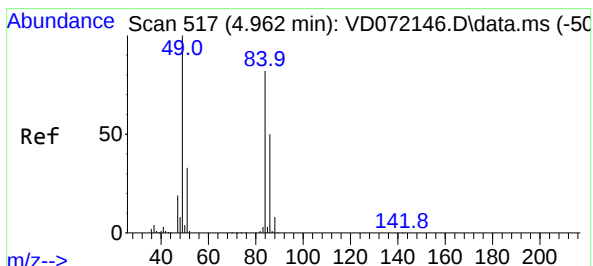
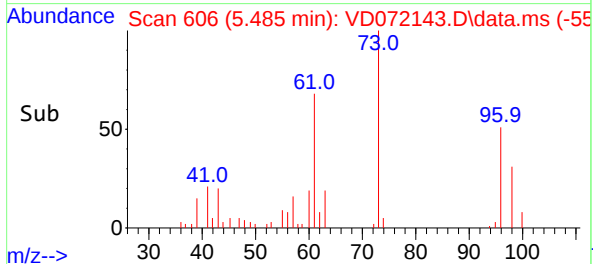
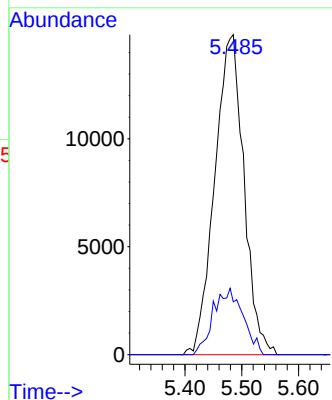
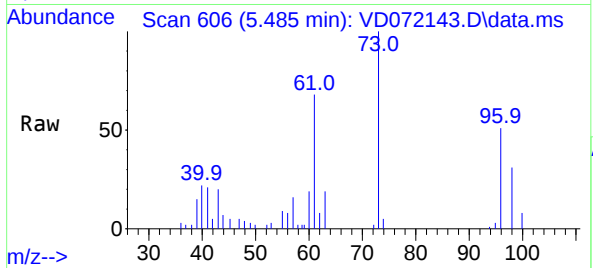




#19  
Methyl tert-butyl Ether  
Concen: 5.302 ug/l  
RT: 5.485 min Scan# 604  
Delta R.T. 0.012 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

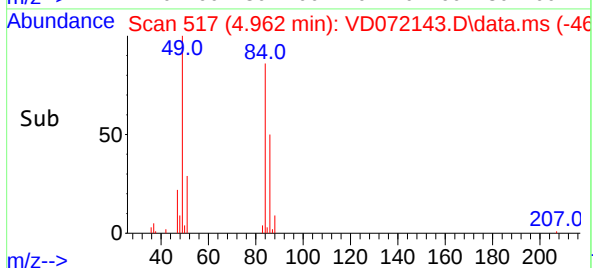
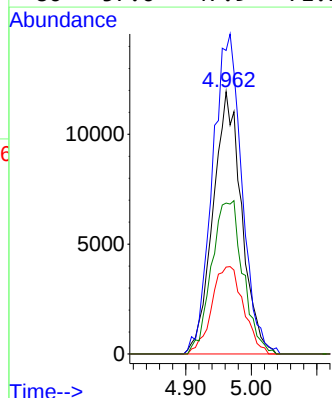
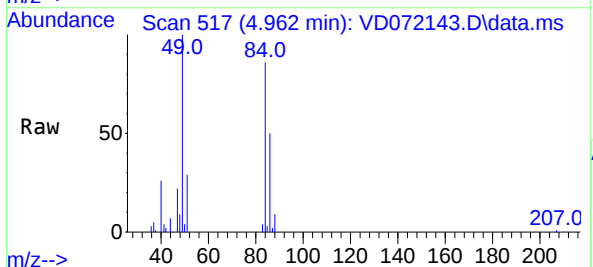
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

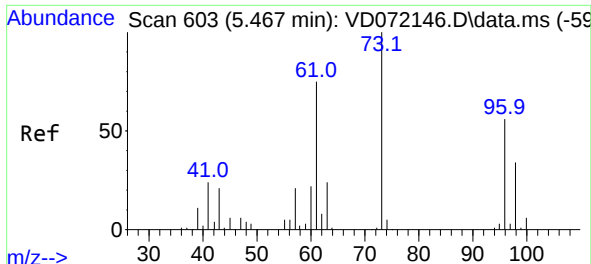
Tgt Ion: 73 Resp: 52780  
Ion Ratio Lower Upper  
73 100  
57 16.5 18.0 27.0#



#20  
Methylene Chloride  
Concen: 6.607 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

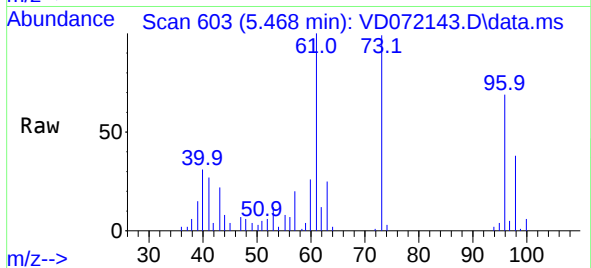
Tgt Ion: 84 Resp: 36156  
Ion Ratio Lower Upper  
84 100  
49 115.8 112.8 169.2  
51 33.1 32.6 48.8  
86 57.6 47.9 71.9





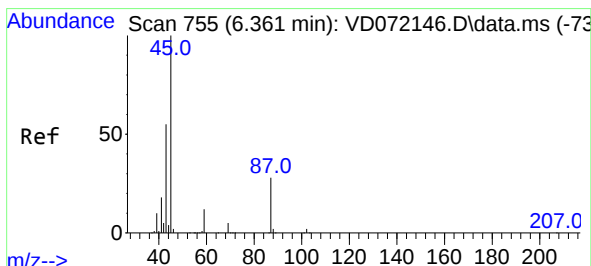
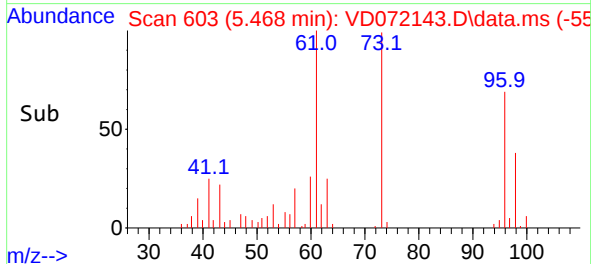
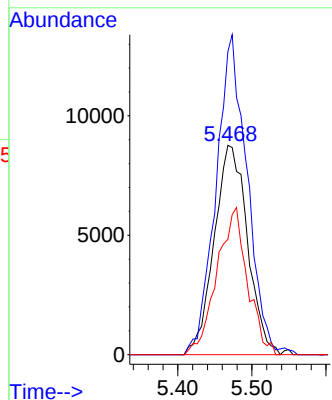
#21  
trans-1,2-Dichloroethene  
Concen: 5.680 ug/l  
RT: 5.468 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005



Tgt Ion: 96 Resp: 27380

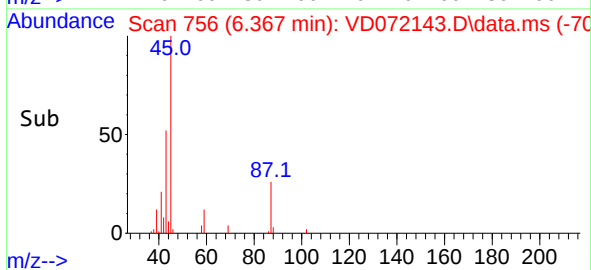
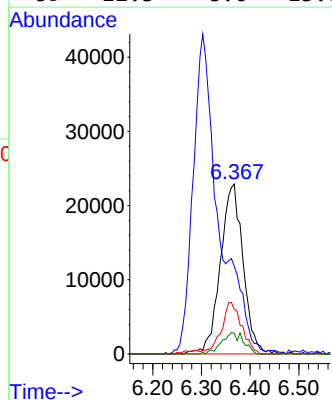
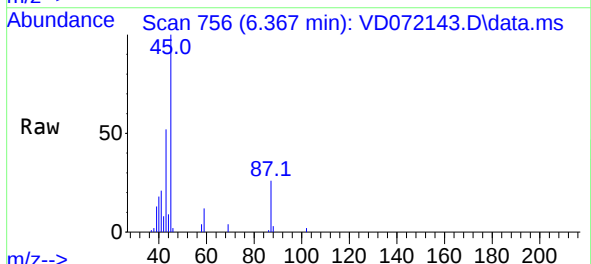
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.9 | 117.9 | 176.9 |
| 98  | 55.1  | 49.4  | 74.2  |

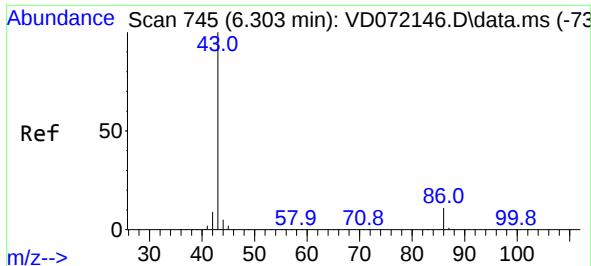


#22  
Diisopropyl ether  
Concen: 4.832 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 45 Resp: 74429

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 50.6  | 46.6  | 70.0  |
| 87  | 26.2  | 18.4  | 27.6  |
| 59  | 12.3  | 8.6   | 13.0  |

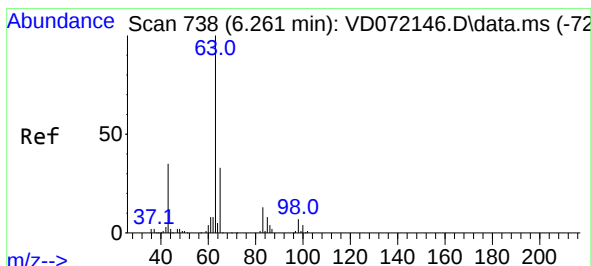
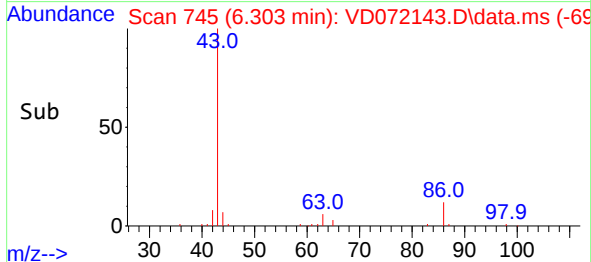
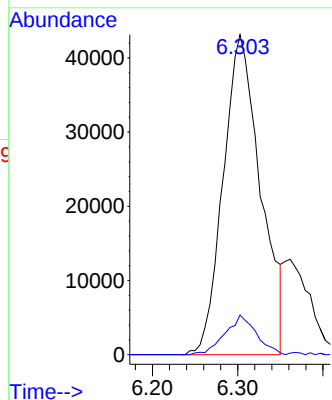
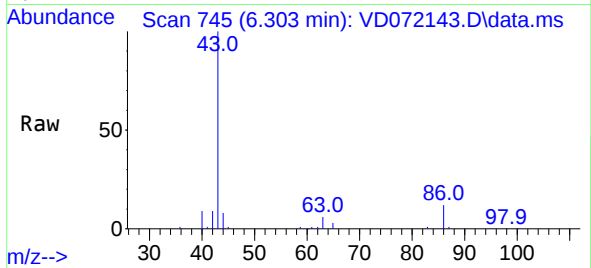




#23  
 Vinyl Acetate  
 Concen: 15.710 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. 0.000 min  
 Lab File: VD072143.D  
 Acq: 11 Mar 2022 10:47

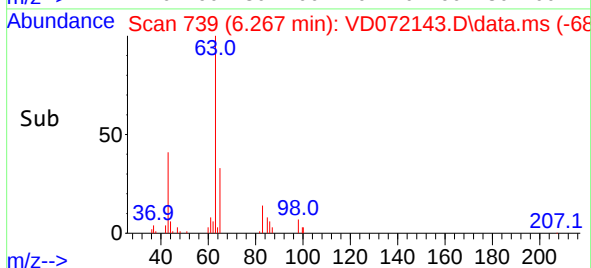
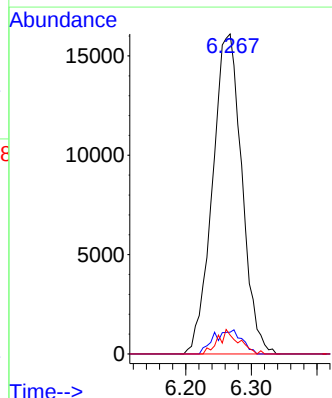
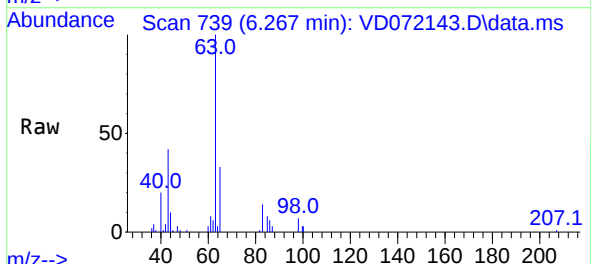
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

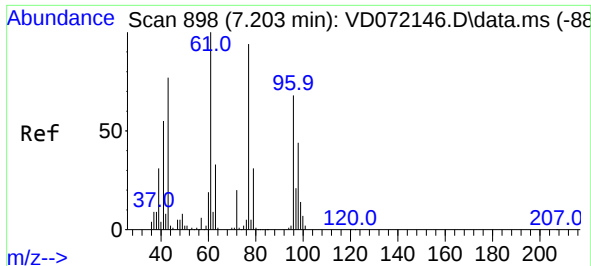
Tgt Ion: 43 Resp: 131638  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 5.505 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.006 min  
 Lab File: VD072143.D  
 Acq: 11 Mar 2022 10:47

Tgt Ion: 63 Resp: 49950  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.6 10.9  
 100 5.9 2.1 6.5

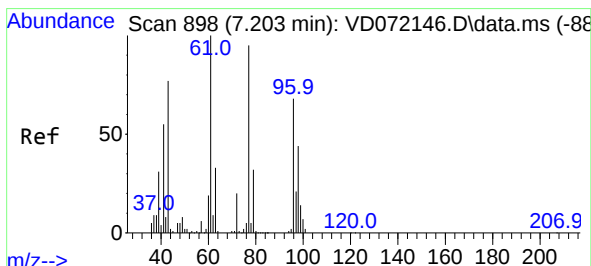
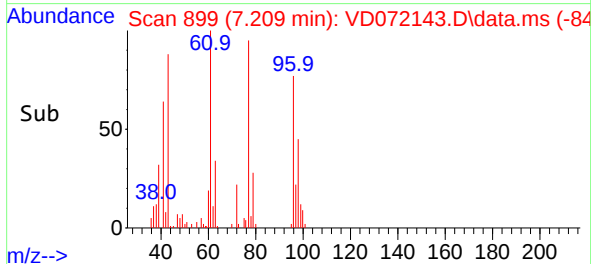
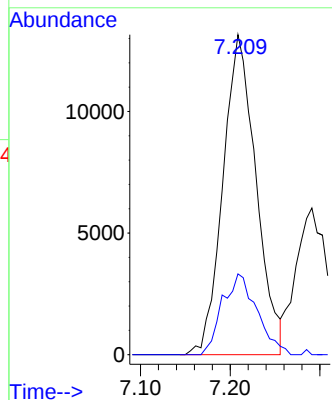
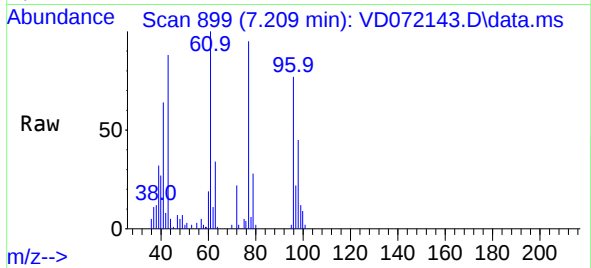




#25  
2-Butanone  
Concen: 22.920 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

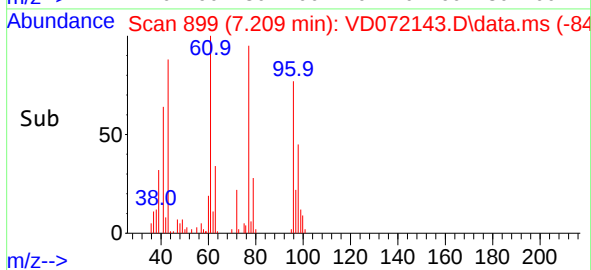
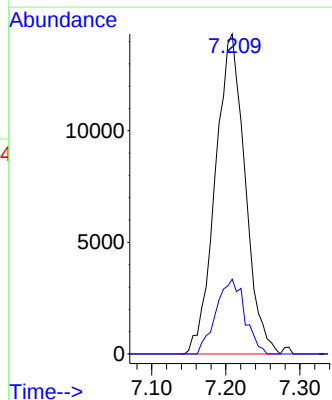
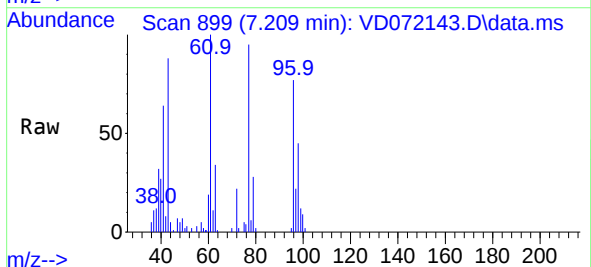
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

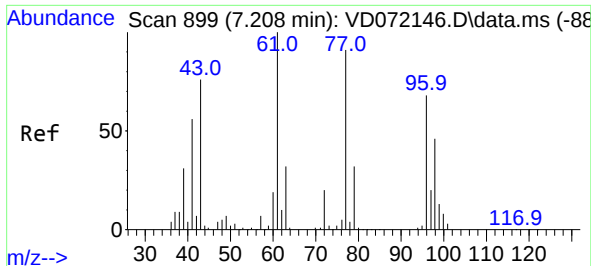
Tgt Ion: 43 Resp: 33737  
Ion Ratio Lower Upper  
43 100  
72 25.3 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 5.230 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 77 Resp: 39959  
Ion Ratio Lower Upper  
77 100  
97 22.5 10.8 32.4

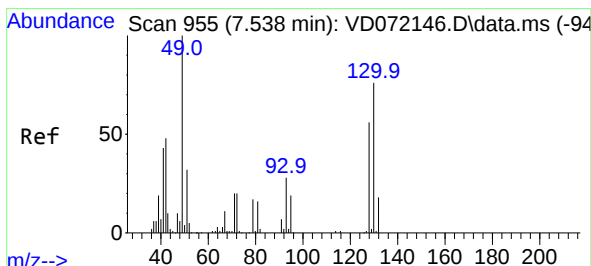
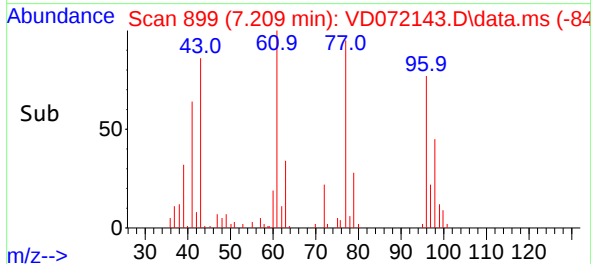
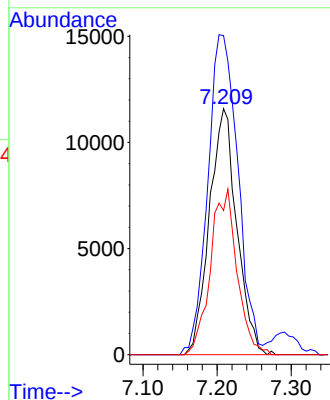
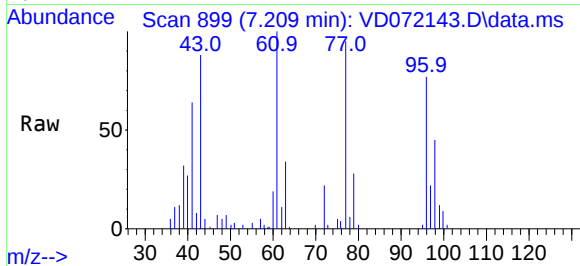




#27  
cis-1,2-Dichloroethene  
Concen: 5.665 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

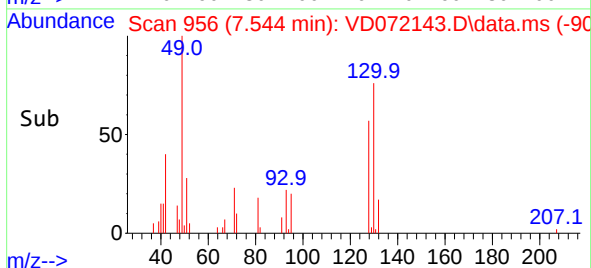
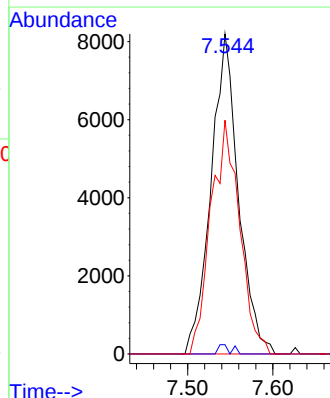
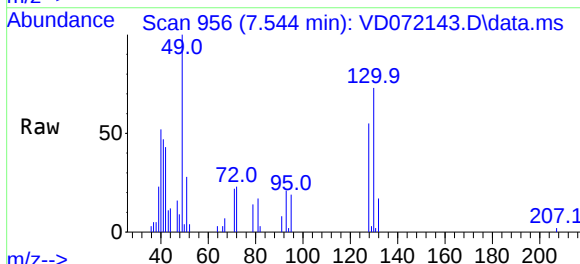
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

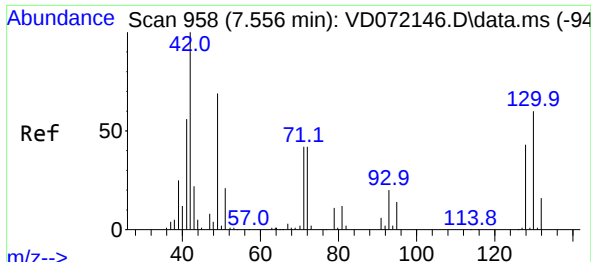
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 29809 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.0 | 0.0   | 313.8 |
| 98       | 65.1  | 0.0   | 128.8 |



#28  
Bromochloromethane  
Concen: 5.333 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 18390 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.3   | 0.0   | 4.0   |
| 130      | 76.2  | 52.6  | 79.0  |

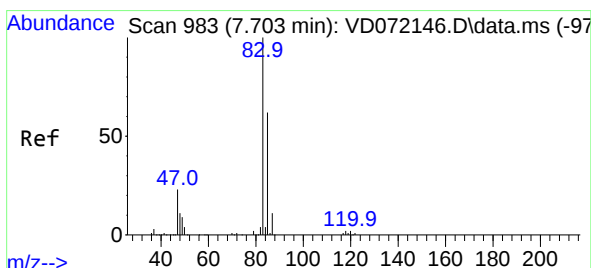
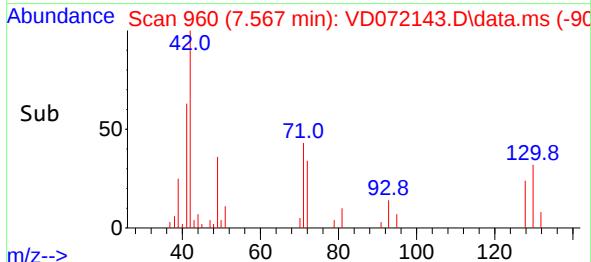
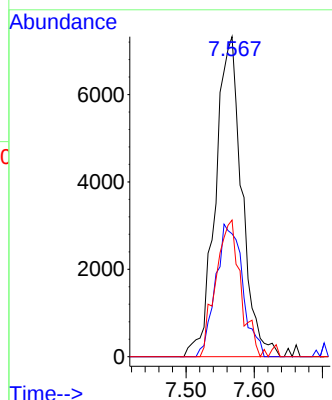
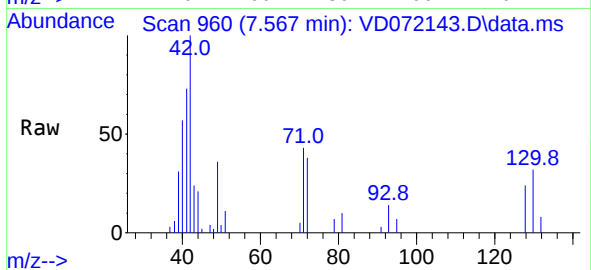




#29  
Tetrahydrofuran  
Concen: 22.589 ug/l  
RT: 7.567 min Scan# 90  
Delta R.T. 0.012 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

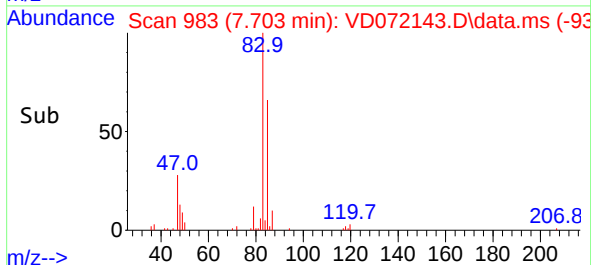
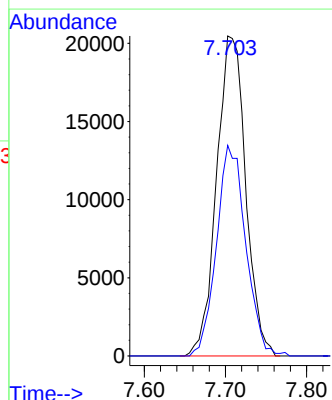
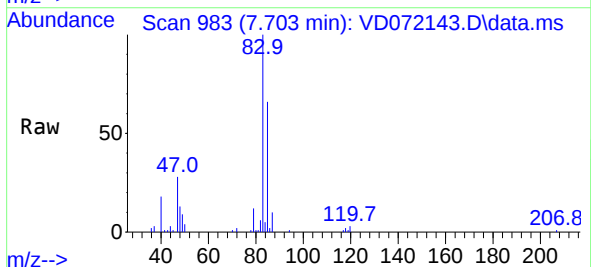
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

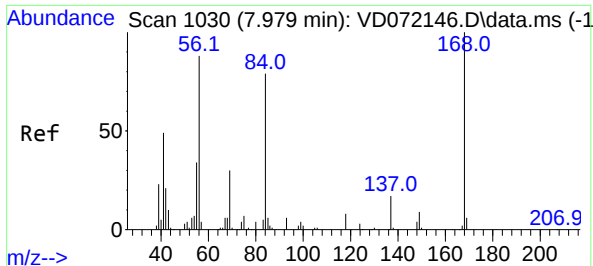
Tgt Ion: 42 Resp: 19785  
Ion Ratio Lower Upper  
42 100  
72 42.0 30.7 46.1  
71 40.0 28.6 43.0



#30  
Chloroform  
Concen: 5.464 ug/l  
RT: 7.703 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

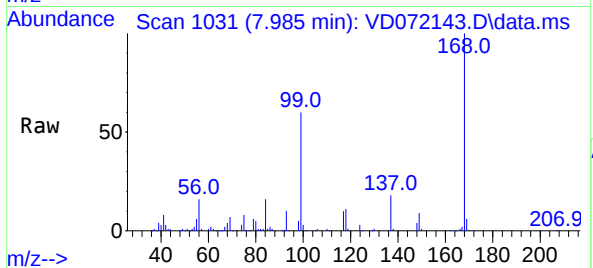
Tgt Ion: 83 Resp: 51040  
Ion Ratio Lower Upper  
83 100  
85 65.8 52.7 79.1



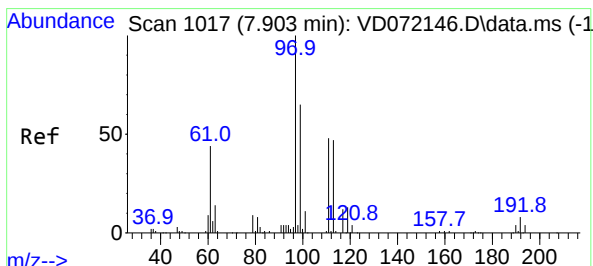
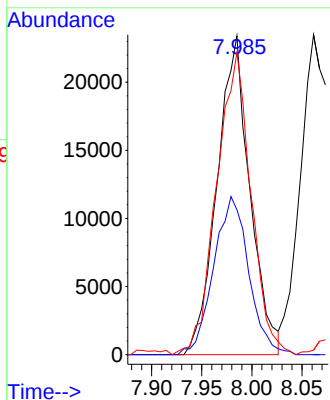
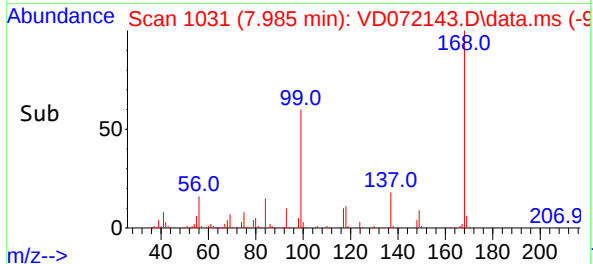


#31  
Cyclohexane  
Concen: 5.894 ug/l  
RT: 7.985 min Scan# 1030  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

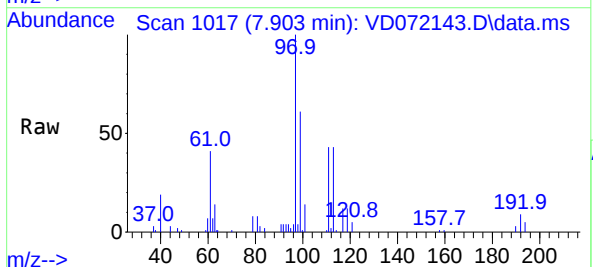
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005



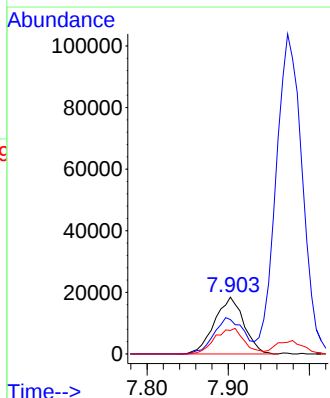
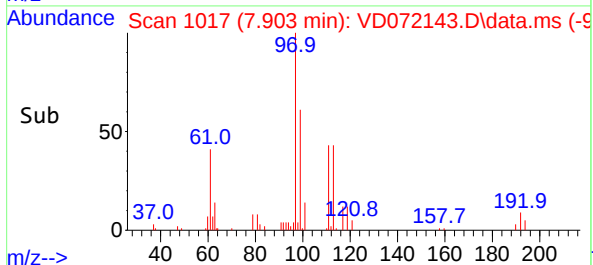
Tgt Ion: 56 Resp: 53204  
Ion Ratio Lower Upper  
56 100  
69 45.5 25.4 38.2#  
84 93.8 63.0 94.4

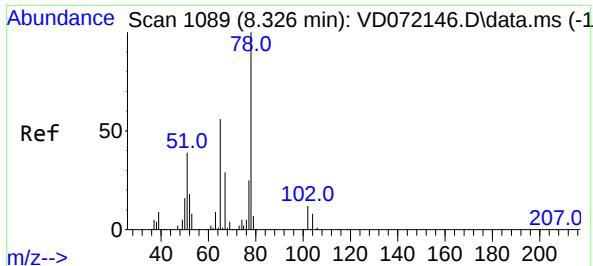


#32  
1,1,1-Trichloroethane  
Concen: 5.563 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47



Tgt Ion: 97 Resp: 46156  
Ion Ratio Lower Upper  
97 100  
99 65.6 52.4 78.6  
61 45.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 5.136 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

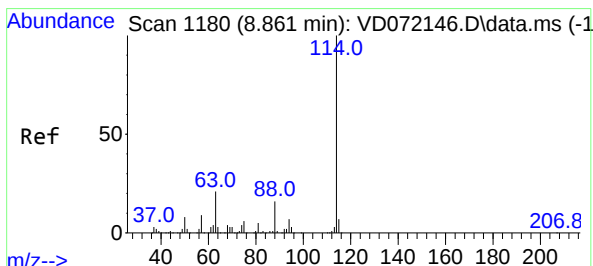
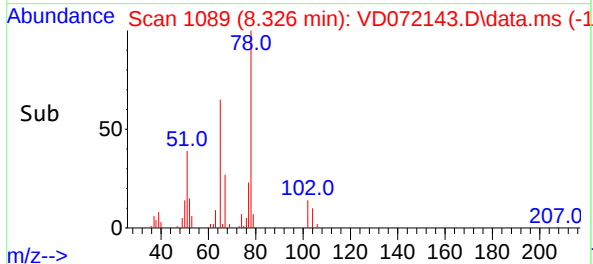
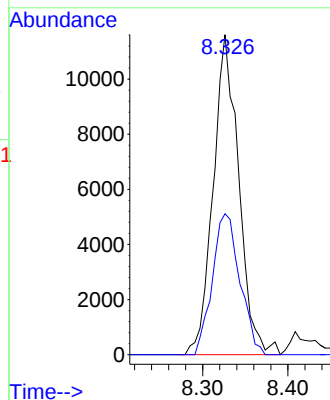
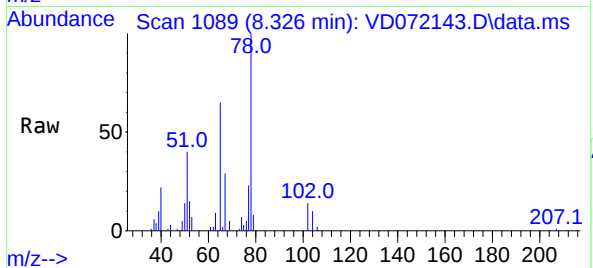
VSTDICC005

Tgt Ion: 65 Resp: 24183

Ion Ratio Lower Upper

65 100

67 47.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

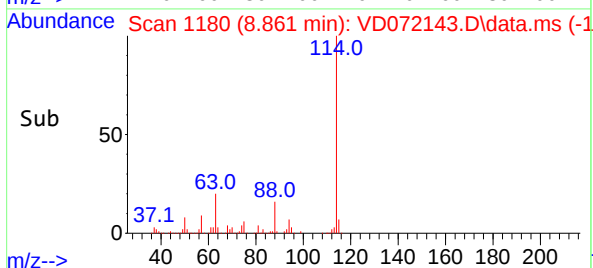
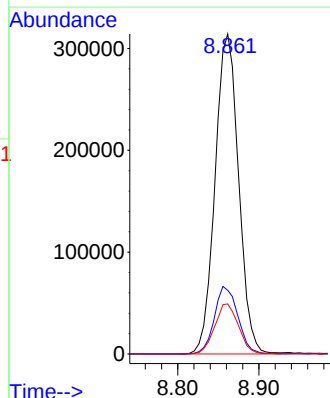
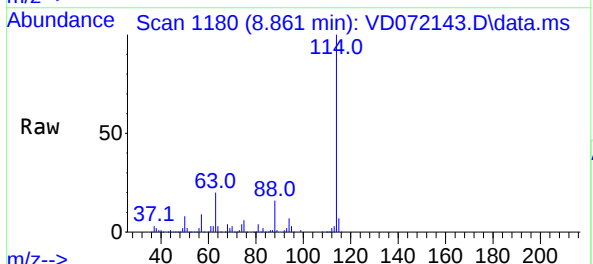
Tgt Ion: 114 Resp: 632983

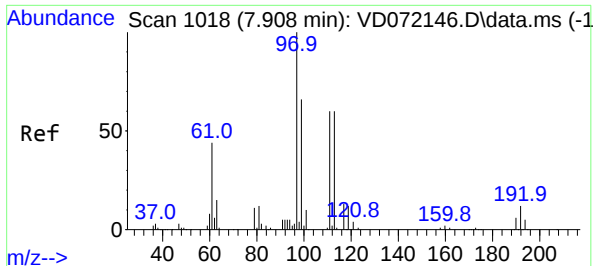
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.6 0.0 33.2

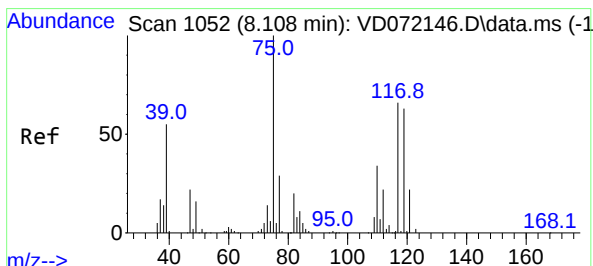
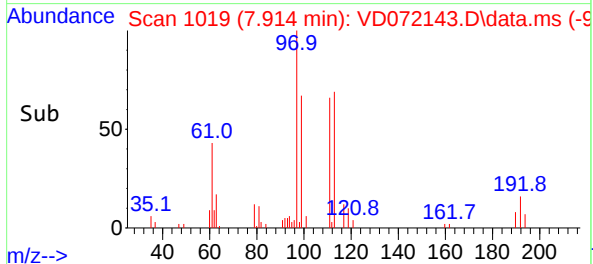
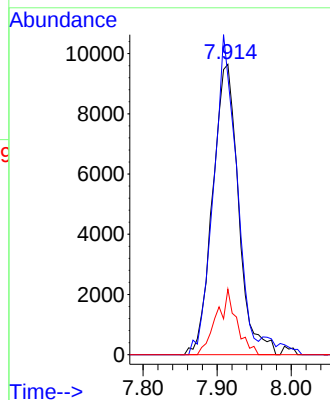
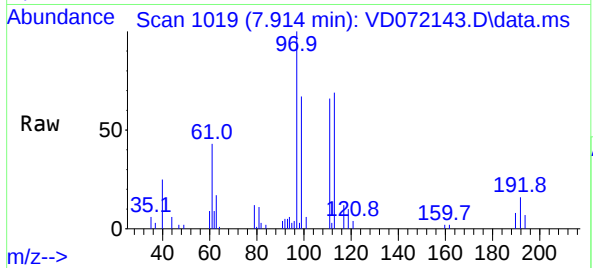




#35  
Dibromofluoromethane  
Concen: 5.642 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

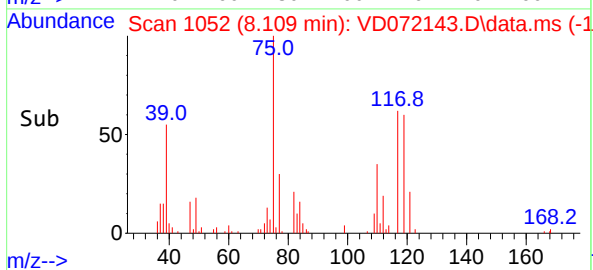
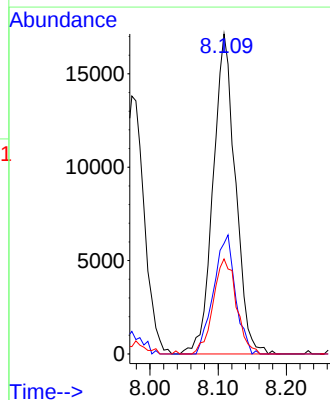
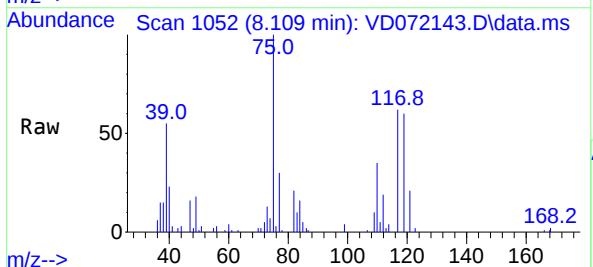
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

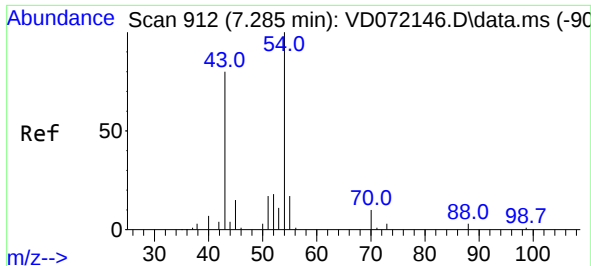
Tgt Ion:113 Resp: 23412  
Ion Ratio Lower Upper  
113 100  
111 97.9 83.8 125.6  
192 17.6 14.6 21.8



#36  
1,1-Dichloropropene  
Concen: 5.525 ug/l  
RT: 8.109 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 75 Resp: 39030  
Ion Ratio Lower Upper  
75 100  
110 36.3 16.4 49.1  
77 30.8 24.2 36.2





#37

Ethyl Acetate

Concen: 4.564 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

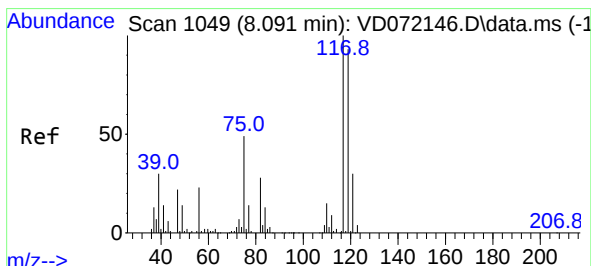
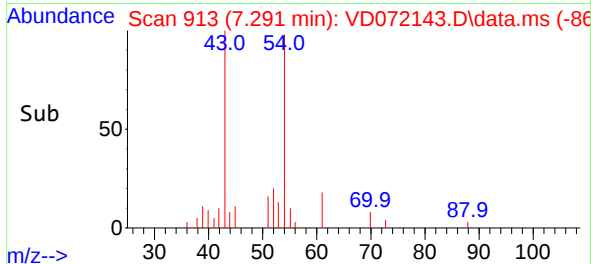
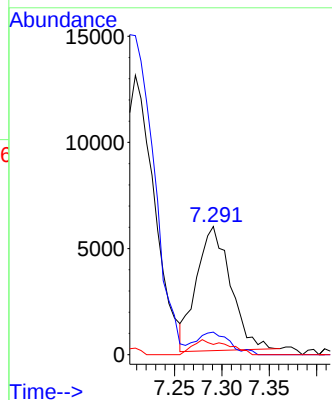
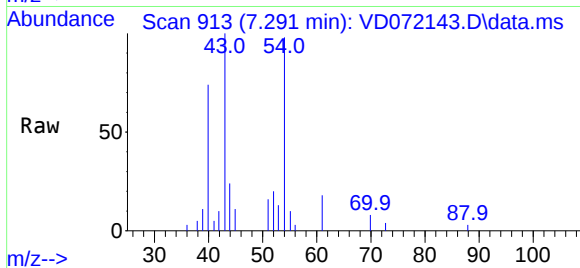
Tgt Ion: 43 Resp: 14572

Ion Ratio Lower Upper

43 100

61 17.9 9.8 14.8#

70 12.3 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.897 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

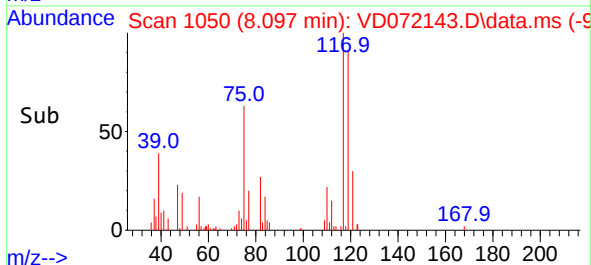
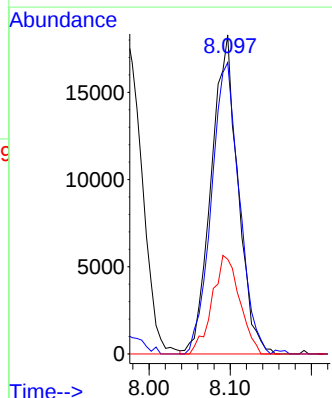
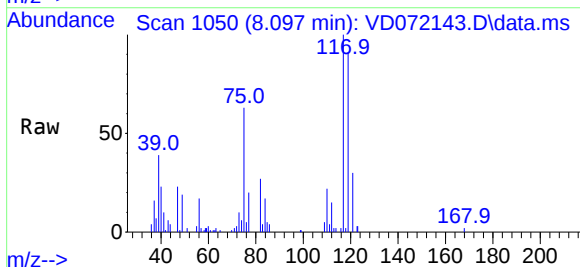
Tgt Ion: 117 Resp: 41914

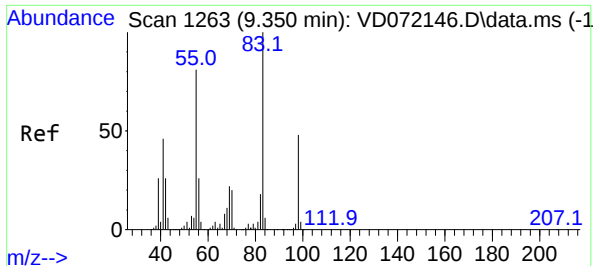
Ion Ratio Lower Upper

117 100

119 91.3 75.8 113.6

121 29.7 24.5 36.7





#39

Methylcyclohexane

Concen: 5.726 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

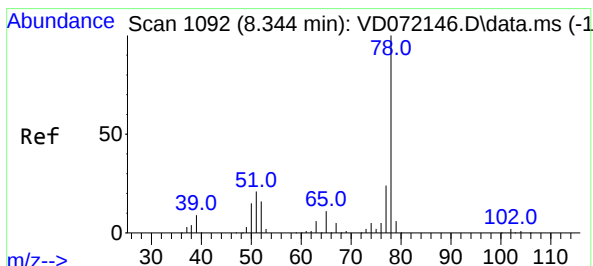
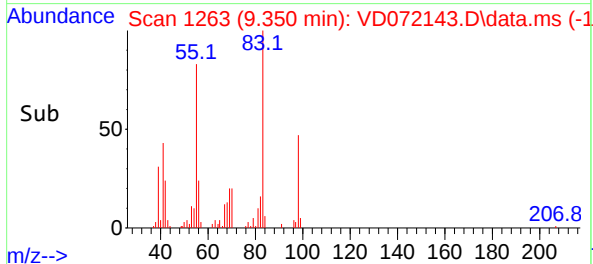
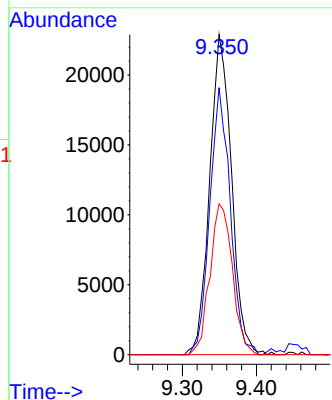
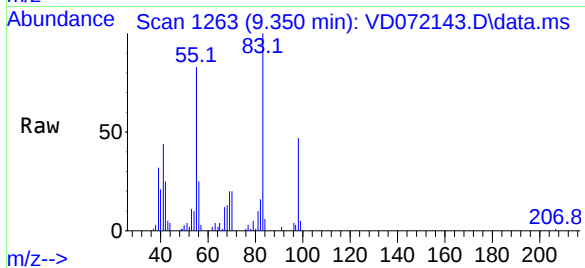
Tgt Ion: 83 Resp: 46818

Ion Ratio Lower Upper

83 100

55 83.5 63.2 94.8

98 47.2 38.2 57.4



#40

Benzene

Concen: 5.778 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD072143.D

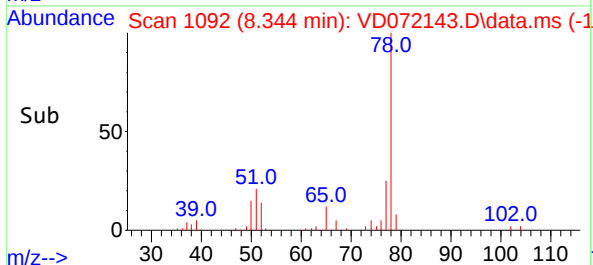
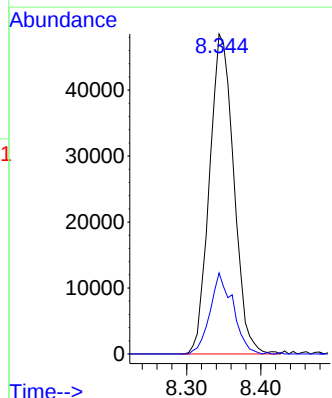
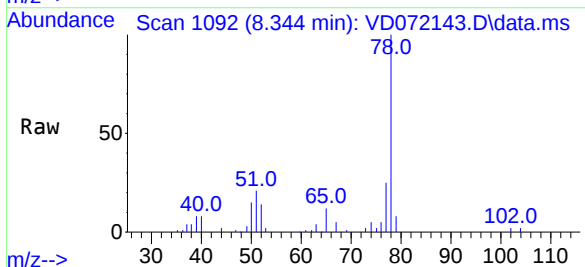
Acq: 11 Mar 2022 10:47

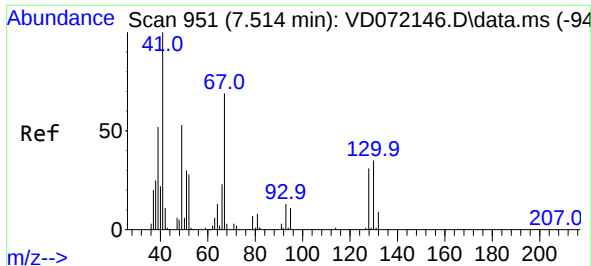
Tgt Ion: 78 Resp: 110455

Ion Ratio Lower Upper

78 100

77 25.3 19.1 28.7

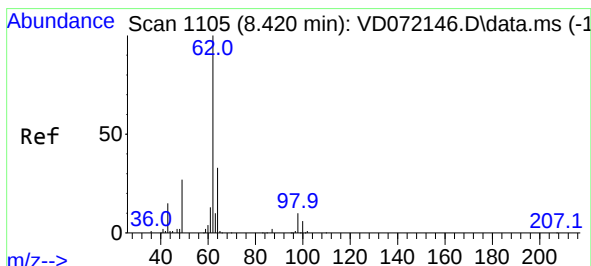
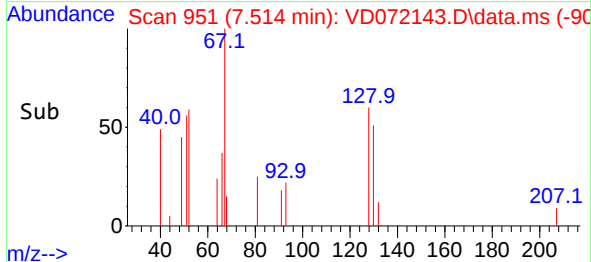
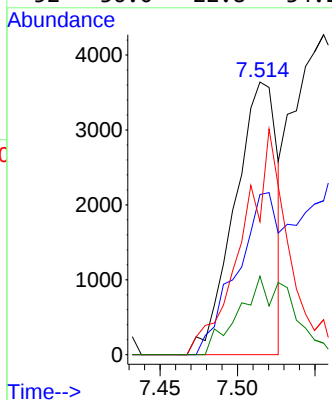
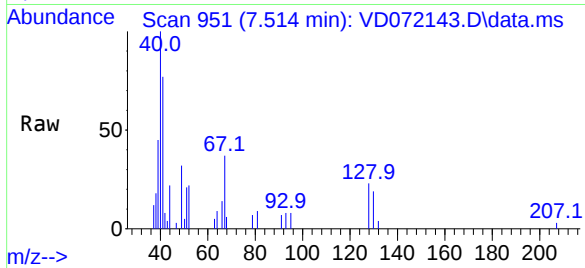




#41  
Methacrylonitrile  
Concen: 3.875 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

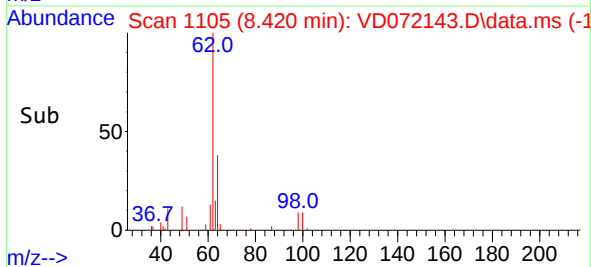
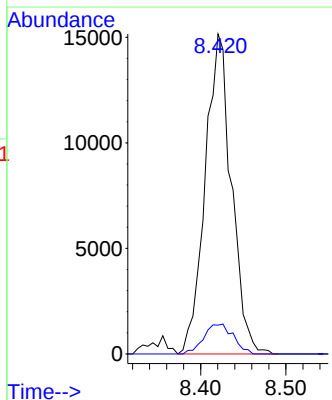
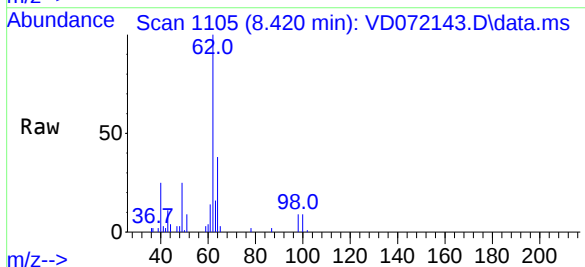
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

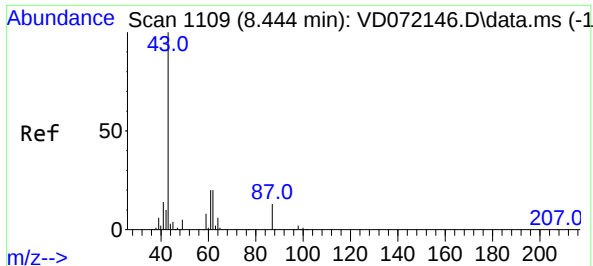
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 6955  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 74.9  | 44.6  | 67.0# |
| 67       | 88.1  | 48.2  | 72.4# |
| 52       | 36.0  | 22.8  | 34.2# |



#42  
1,2-Dichloroethane  
Concen: 5.475 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 32519 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.5  | 0.0   | 17.6  |

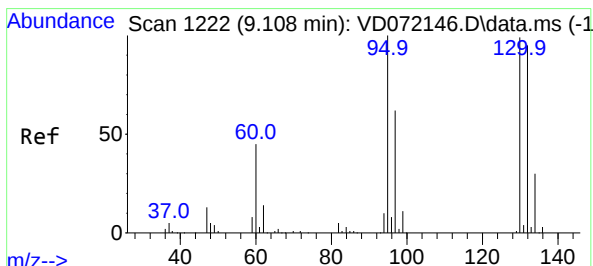
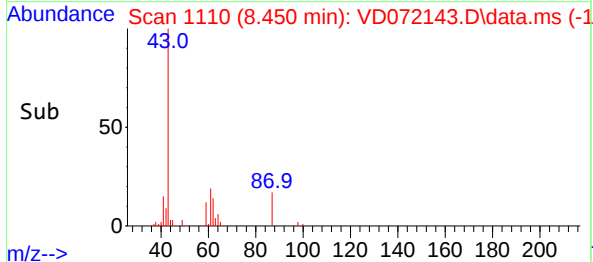
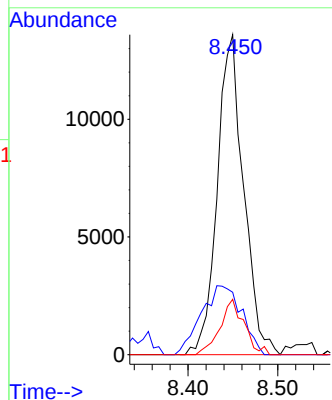
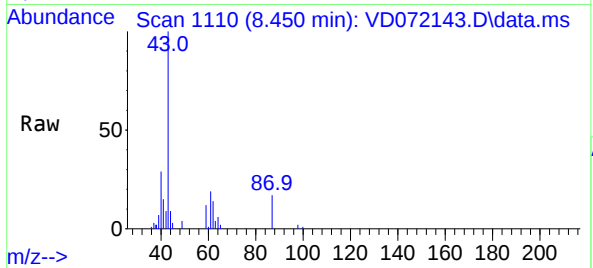




#43  
Isopropyl Acetate  
Concen: 4.795 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

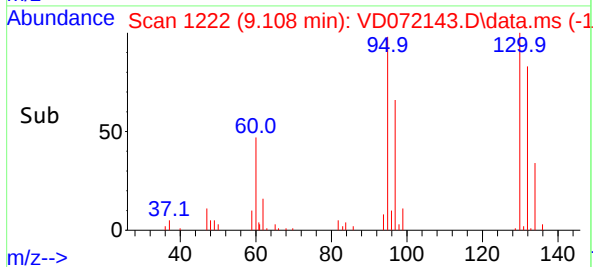
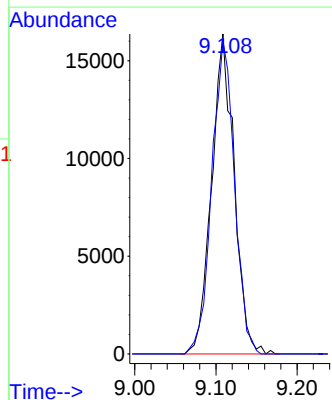
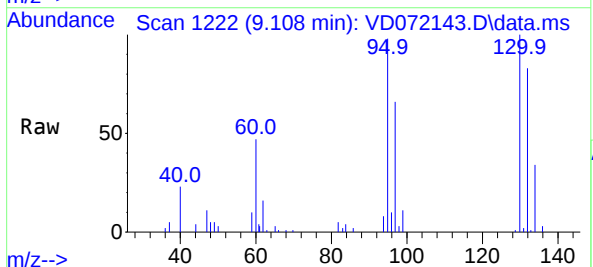
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

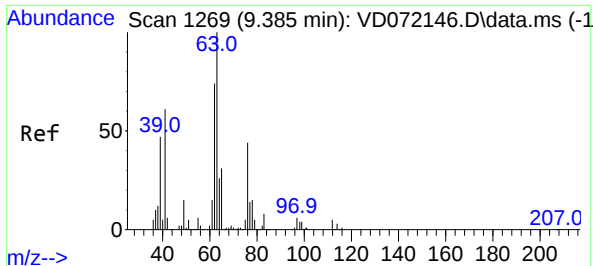
Tgt Ion: 43 Resp: 27656  
Ion Ratio Lower Upper  
43 100  
61 33.1 22.4 33.6  
87 15.9 8.7 13.1#



#44  
Trichloroethene  
Concen: 6.278 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 130 Resp: 31574  
Ion Ratio Lower Upper  
130 100  
95 97.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 5.794 ug/l

RT: 9.379 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

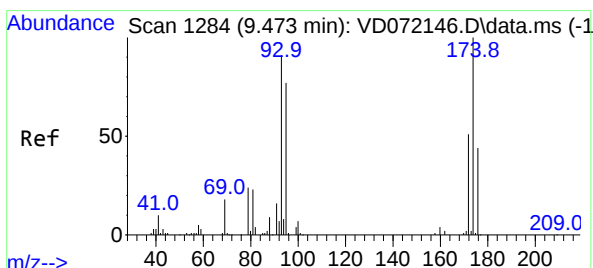
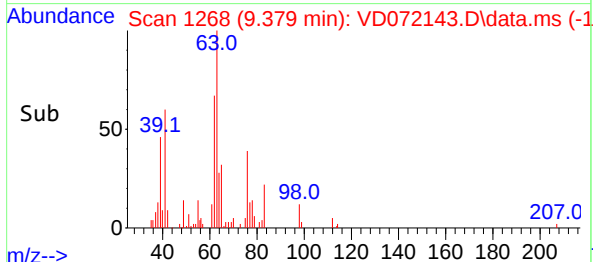
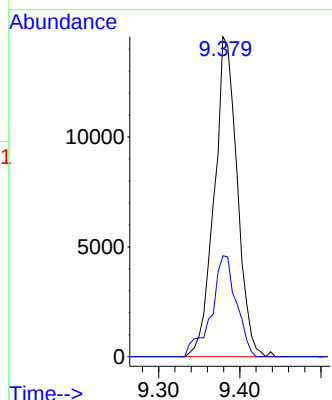
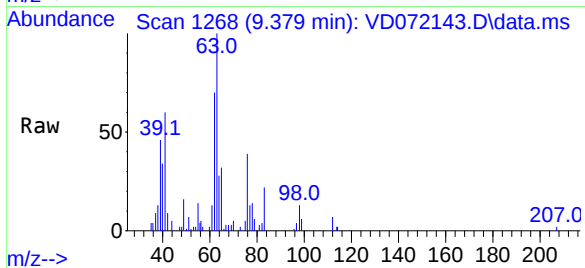
VSTDIC005

Tgt Ion: 63 Resp: 28586

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4



#46

Dibromomethane

Concen: 5.701 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

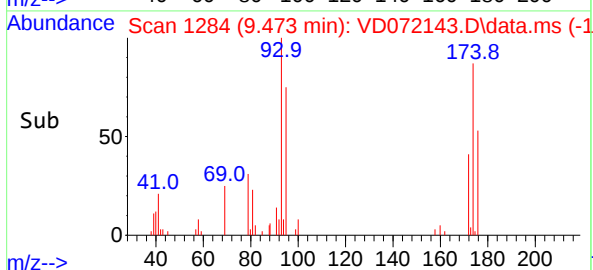
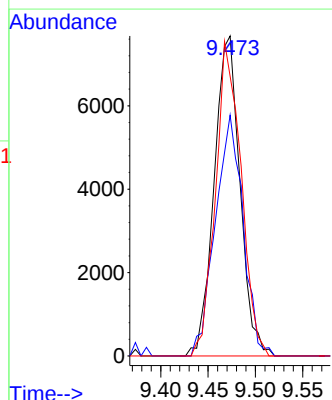
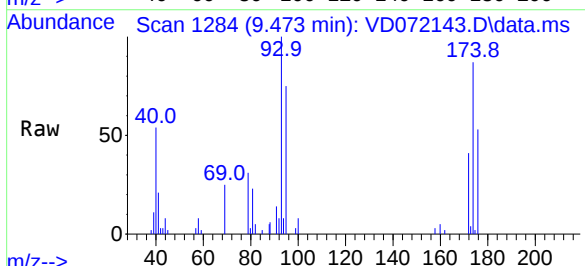
Tgt Ion: 93 Resp: 14544

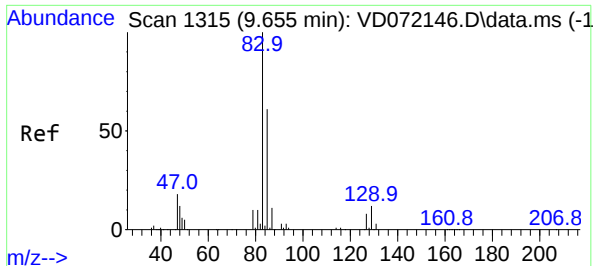
Ion Ratio Lower Upper

93 100

95 80.7 66.7 100.1

174 97.3 71.6 107.4

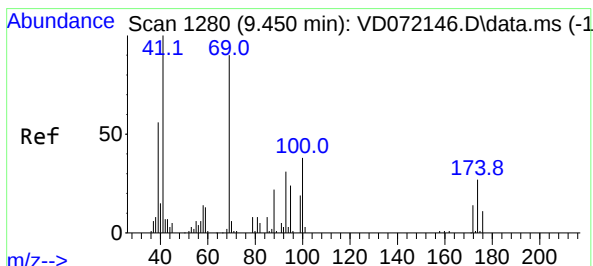
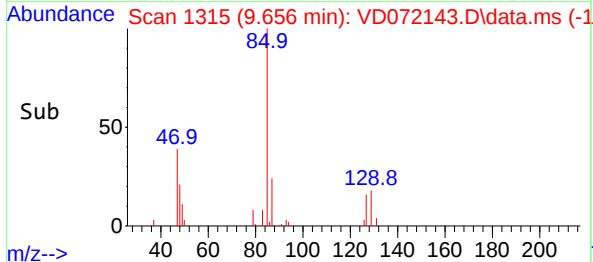
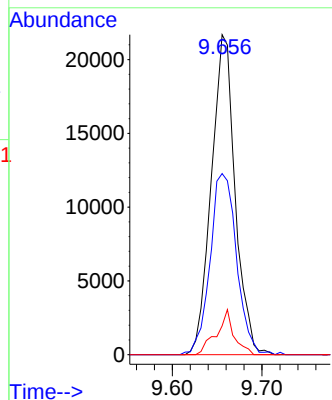
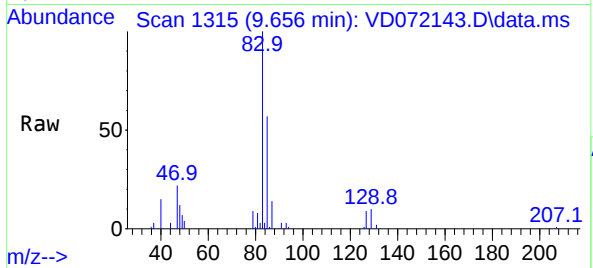




#47  
Bromodichloromethane  
Concen: 5.822 ug/l  
RT: 9.656 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

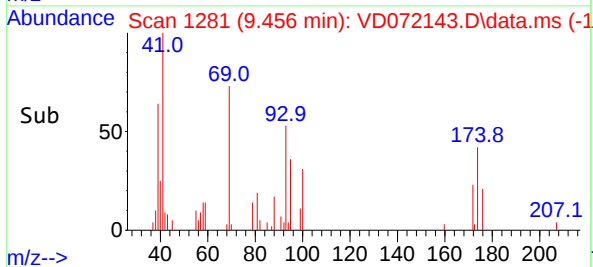
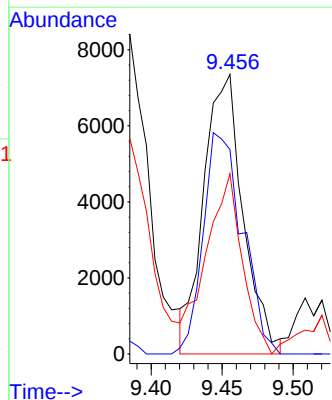
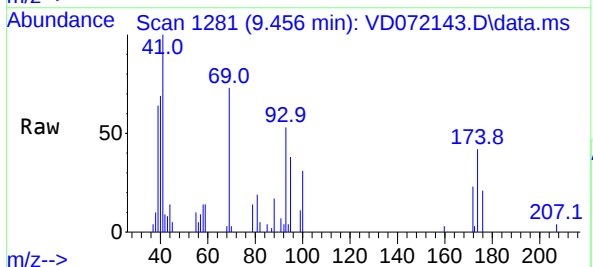
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

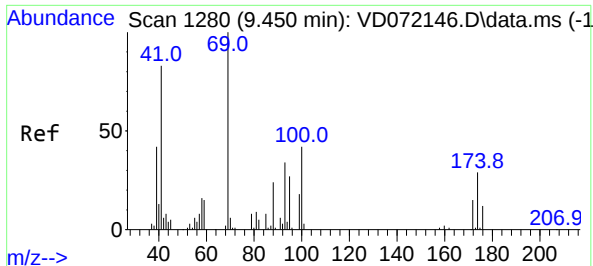
Tgt Ion: 83 Resp: 39935  
Ion Ratio Lower Upper  
83 100  
85 56.6 51.4 77.0  
127 9.0 6.1 9.1



#48  
Methyl methacrylate  
Concen: 4.660 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 41 Resp: 14207  
Ion Ratio Lower Upper  
41 100  
69 79.1 56.7 85.1  
39 58.6 42.7 64.1

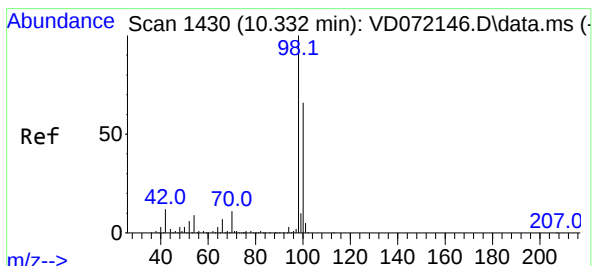
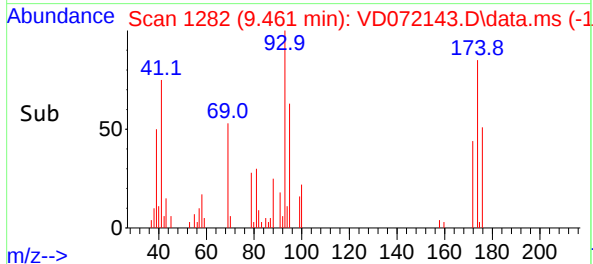
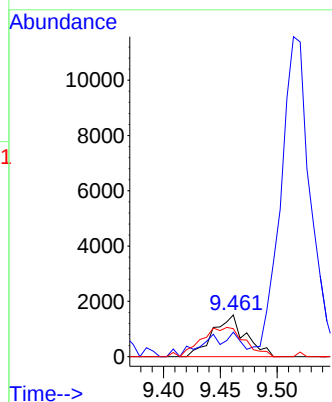
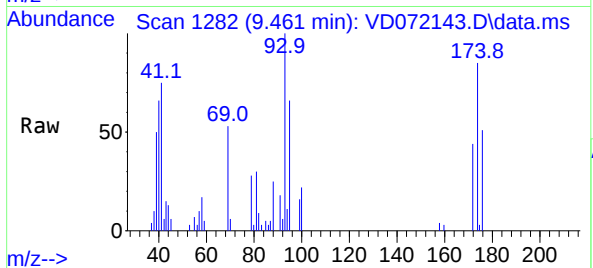




#49  
1,4-Dioxane  
Concen: 103.402 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.012 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

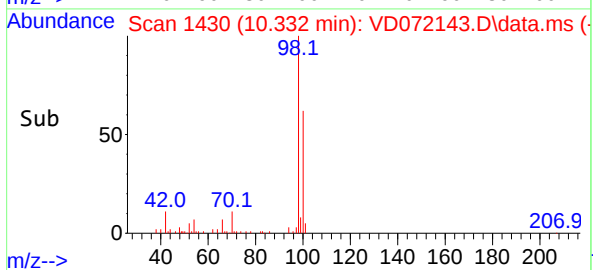
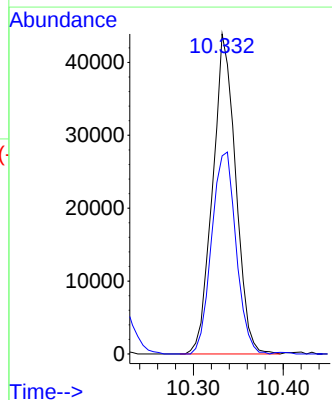
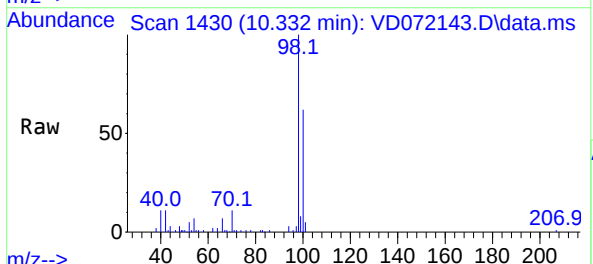
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

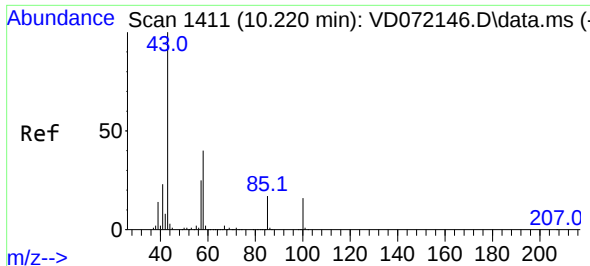
Tgt Ion: 88 Resp: 2999  
Ion Ratio Lower Upper  
88 100  
43 36.5 31.0 46.4  
58 94.3 58.1 87.1#



#50  
Toluene-d8  
Concen: 5.056 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 98 Resp: 78242  
Ion Ratio Lower Upper  
98 100  
100 66.9 52.4 78.6

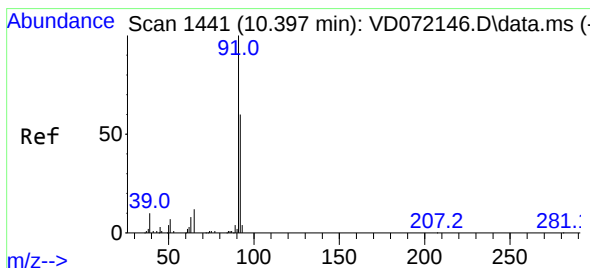
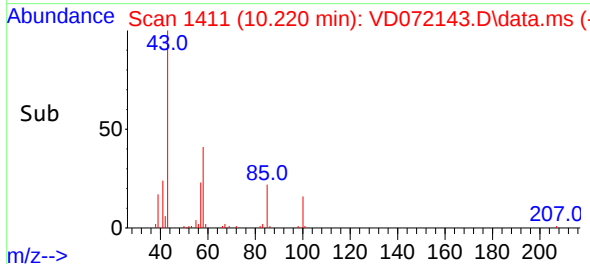
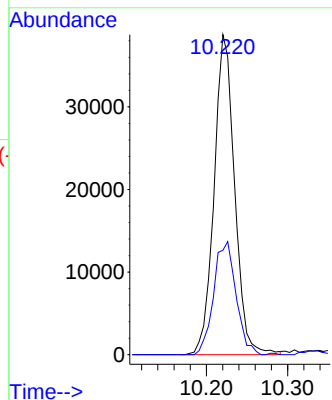
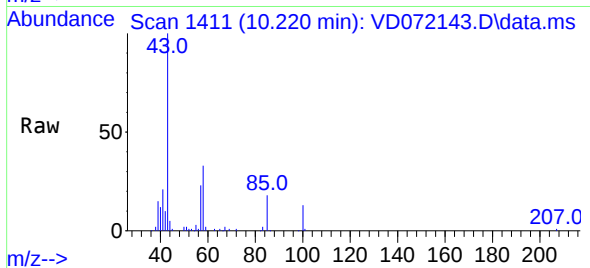




#51  
4-Methyl-2-Pentanone  
Concen: 22.618 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

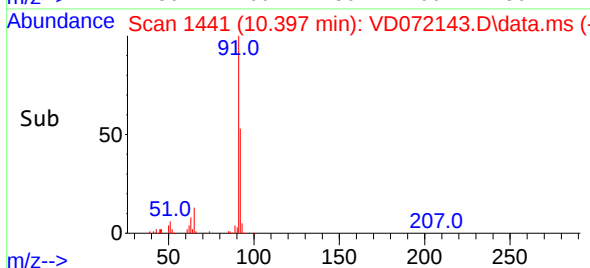
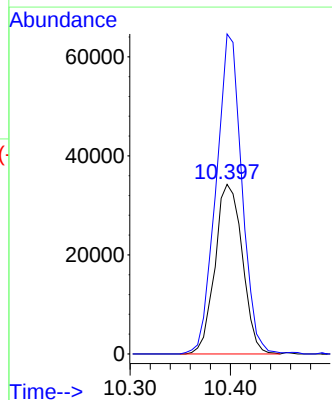
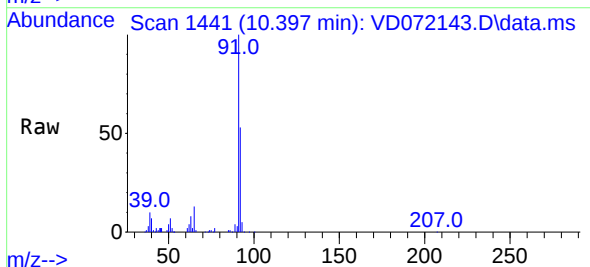
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

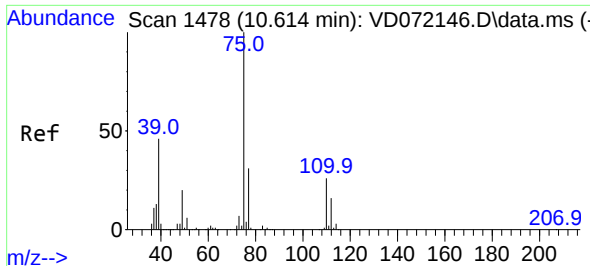
Tgt Ion: 43 Resp: 68135  
Ion Ratio Lower Upper  
43 100  
58 38.5 28.6 43.0



#52  
Toluene  
Concen: 5.381 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 92 Resp: 64706  
Ion Ratio Lower Upper  
92 100  
91 178.3 139.6 209.4

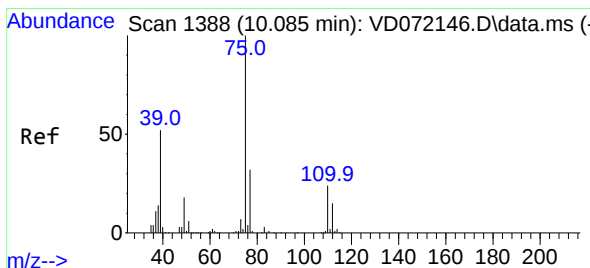
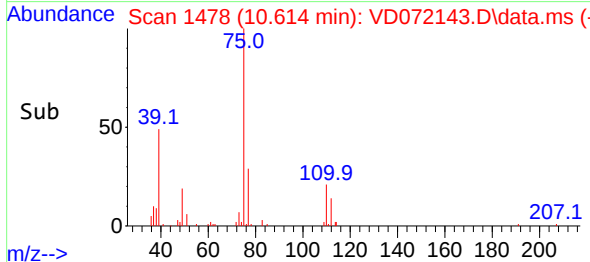
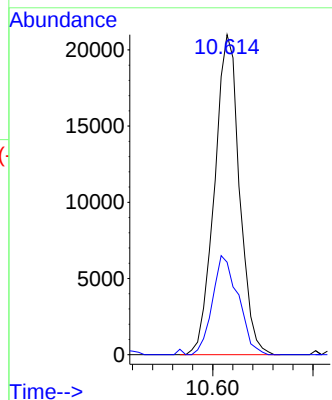
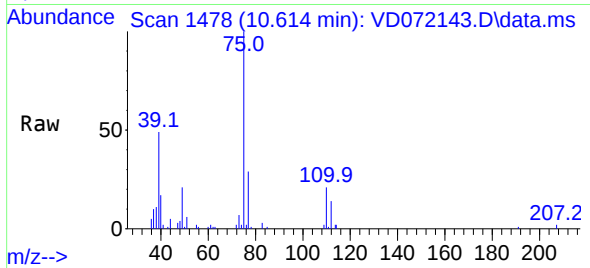




#53  
 t-1,3-Dichloropropene  
 Concen: 5.785 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: VD072143.D  
 Acq: 11 Mar 2022 10:47

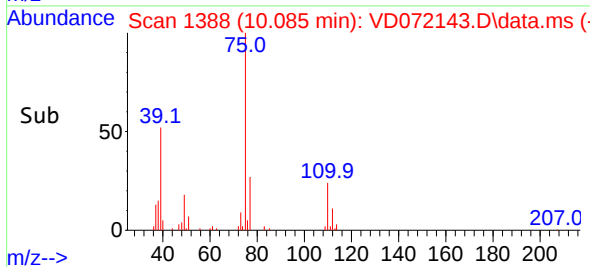
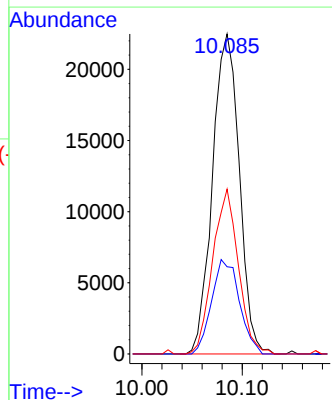
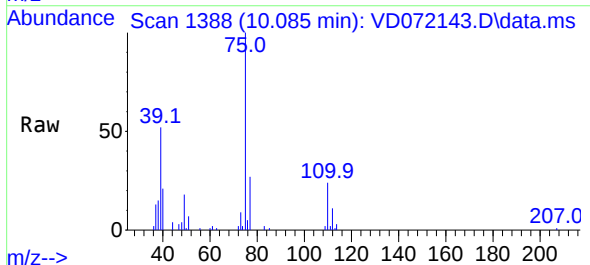
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

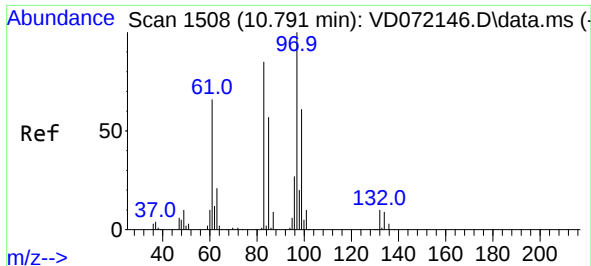
Tgt Ion: 75 Resp: 36251  
 Ion Ratio Lower Upper  
 75 100  
 77 28.9 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 5.642 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. 0.000 min  
 Lab File: VD072143.D  
 Acq: 11 Mar 2022 10:47

Tgt Ion: 75 Resp: 41685  
 Ion Ratio Lower Upper  
 75 100  
 77 27.2 24.8 37.2  
 39 51.5 46.8 70.2

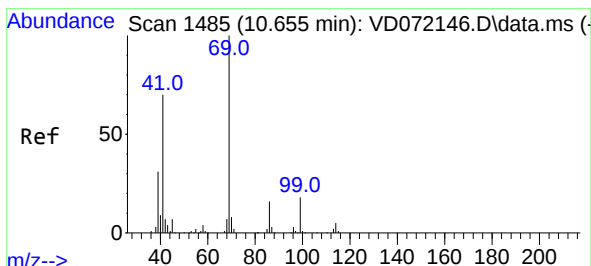
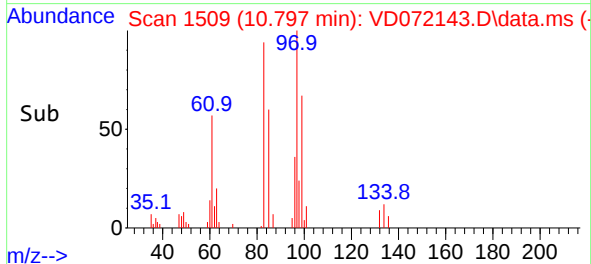
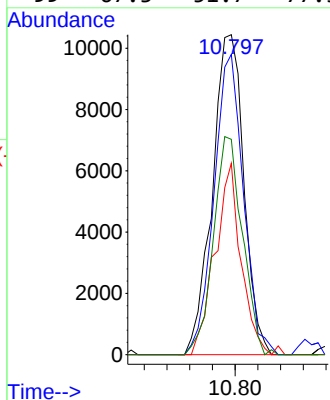
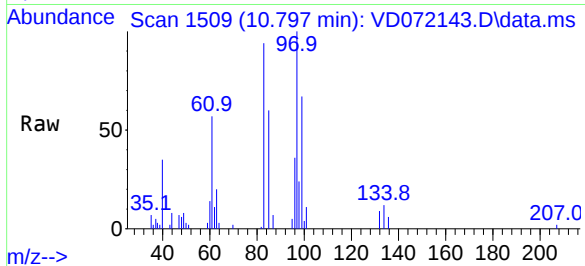




#55  
1,1,2-Trichloroethane  
Concen: 5.820 ug/l  
RT: 10.797 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

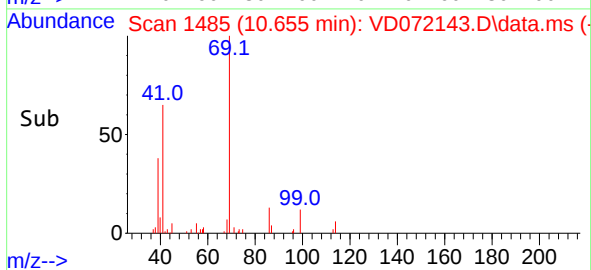
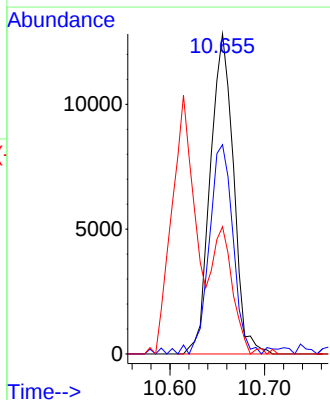
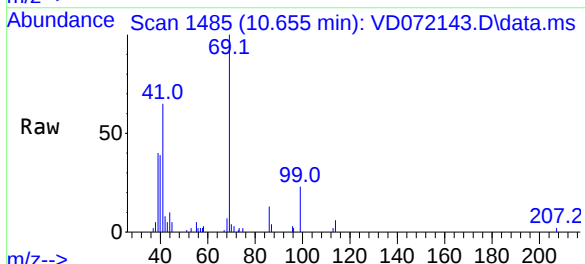
Instrument : MSVOA\_D  
ClientSampleId : VSTDIC005

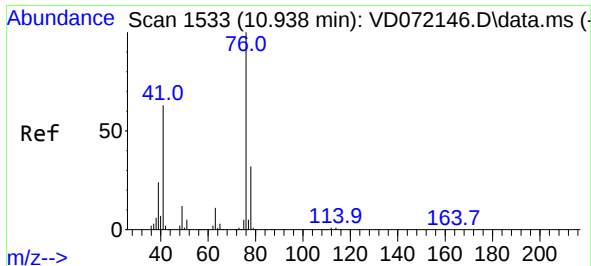
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 20086 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 93.8  | 69.0  | 103.4 |
| 85       | 59.8  | 42.6  | 63.8  |
| 99       | 67.3  | 51.7  | 77.5  |



#56  
Ethyl methacrylate  
Concen: 5.179 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 21833 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.1  | 63.0  | 94.6  |
| 39       | 32.8  | 33.8  | 50.8  |





#57

1,3-Dichloropropane

Concen: 5.534 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

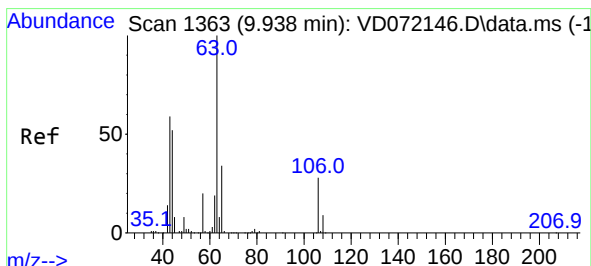
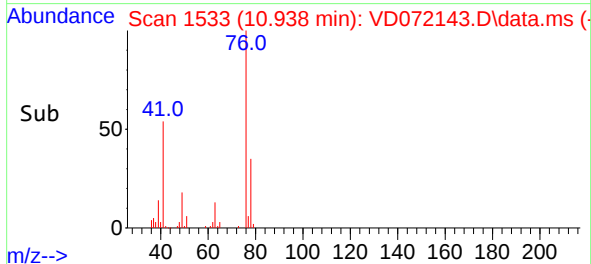
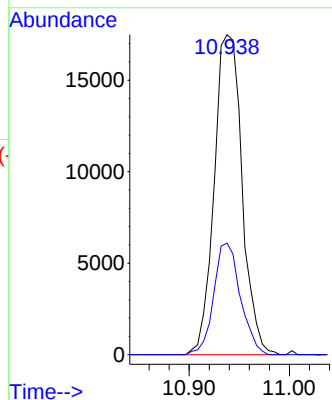
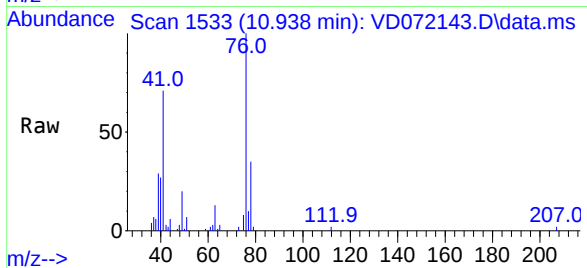
VSTDIC005

Tgt Ion: 76 Resp: 33737

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.376 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072143.D

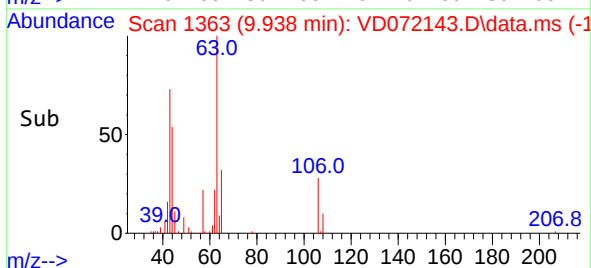
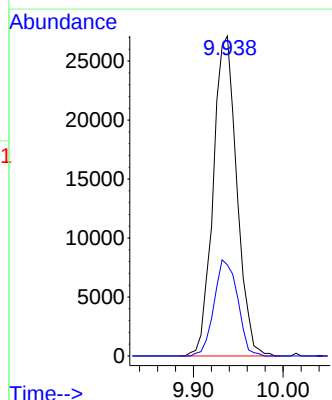
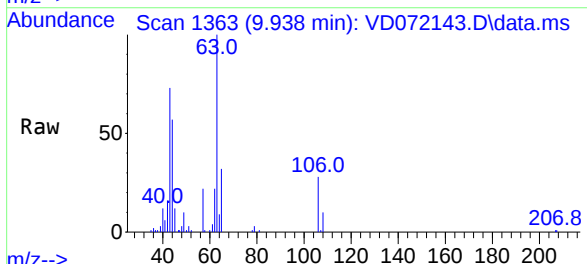
Acq: 11 Mar 2022 10:47

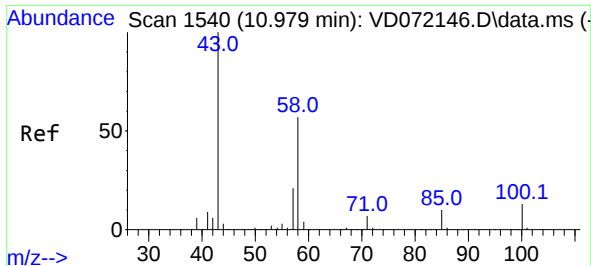
Tgt Ion: 63 Resp: 49641

Ion Ratio Lower Upper

63 100

106 29.8 21.4 32.0





#59

2-Hexanone

Concen: 21.239 ug/l

RT: 10.973 min Scan# 1539

Delta R.T. -0.006 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

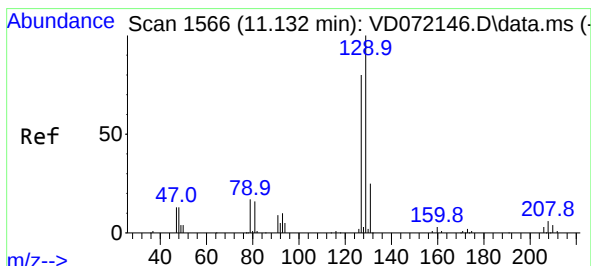
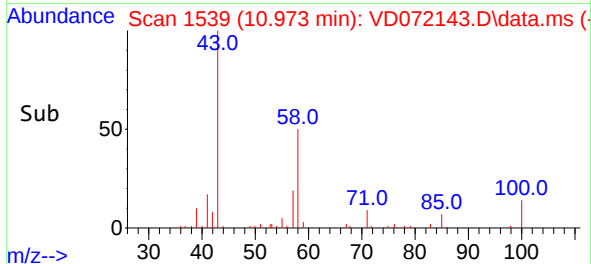
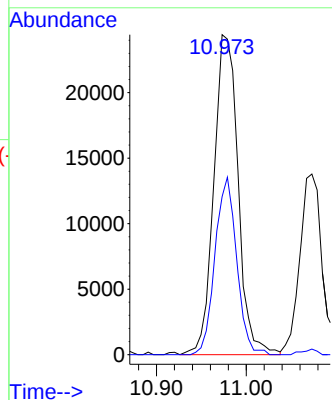
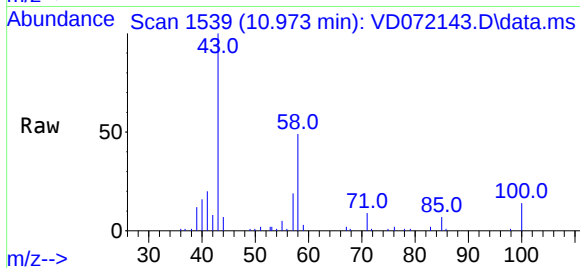
VSTDIC005

Tgt Ion: 43 Resp: 45830

Ion Ratio Lower Upper

43 100

58 49.5 25.3 75.9



#60

Dibromochloromethane

Concen: 6.158 ug/l

RT: 11.132 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VD072143.D

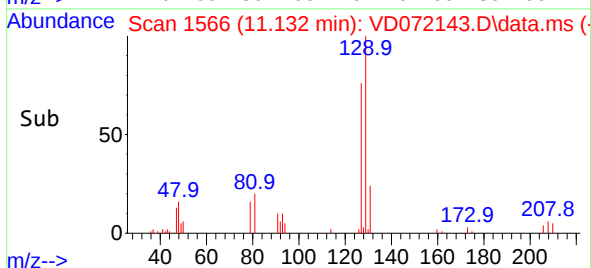
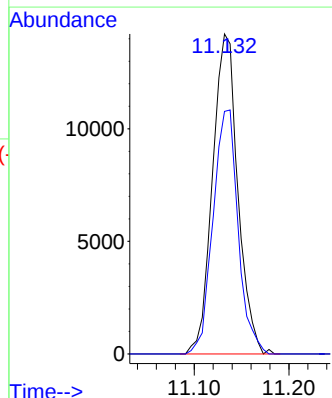
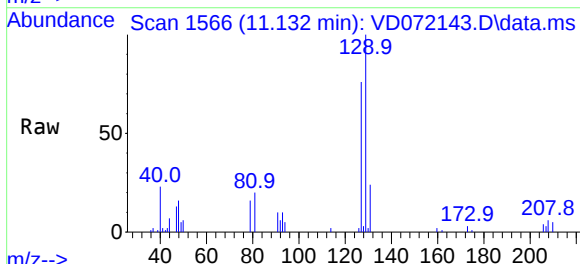
Acq: 11 Mar 2022 10:47

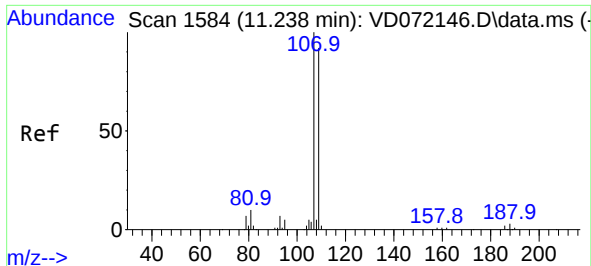
Tgt Ion:129 Resp: 26416

Ion Ratio Lower Upper

129 100

127 75.6 39.2 117.6

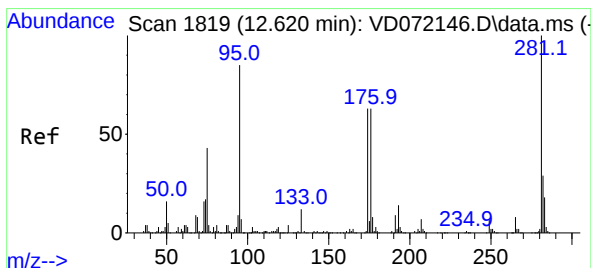
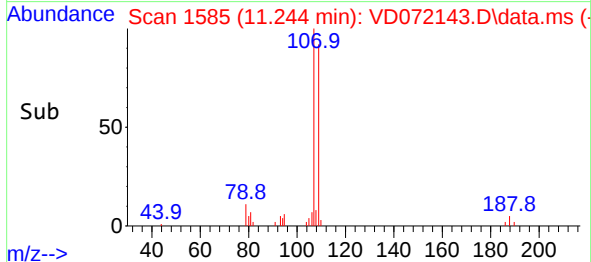
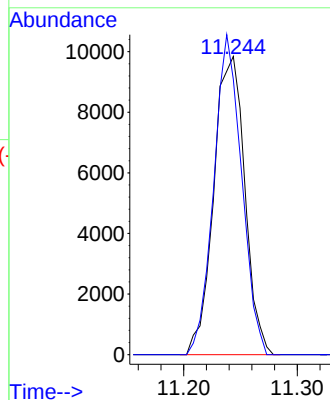
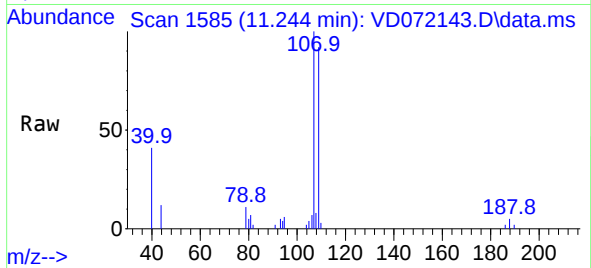




#61  
1,2-Dibromoethane  
Concen: 5.674 ug/l  
RT: 11.244 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

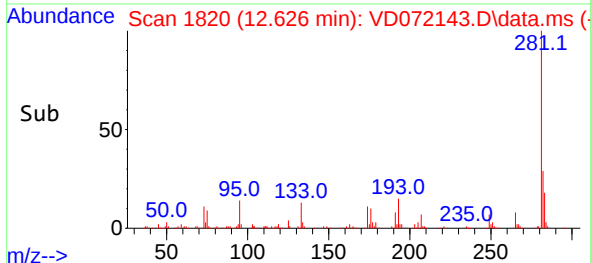
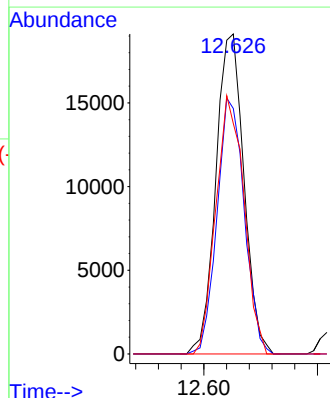
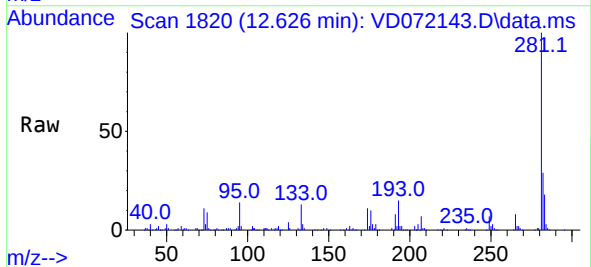
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

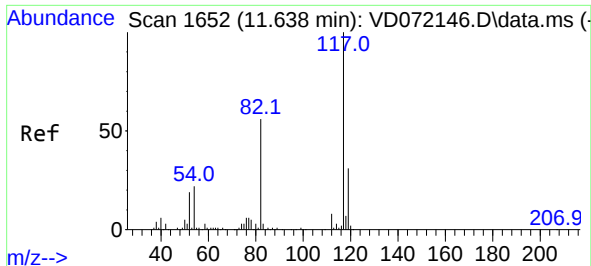
Tgt Ion:107 Resp: 18709  
Ion Ratio Lower Upper  
107 100  
109 96.2 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 5.952 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 95 Resp: 32750  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 152.8  
176 80.8 0.0 145.4

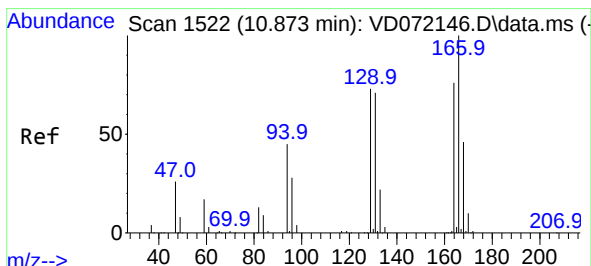
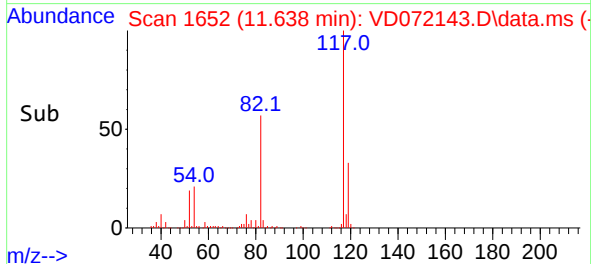
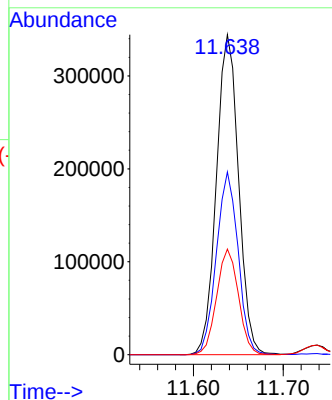
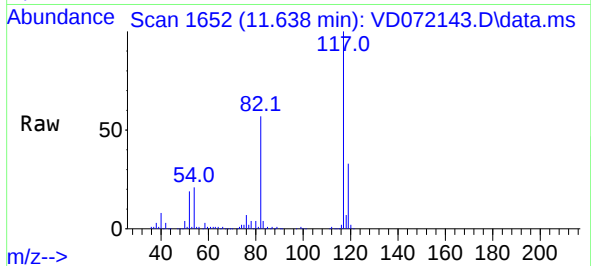




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

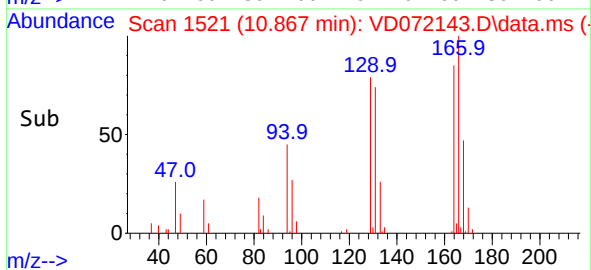
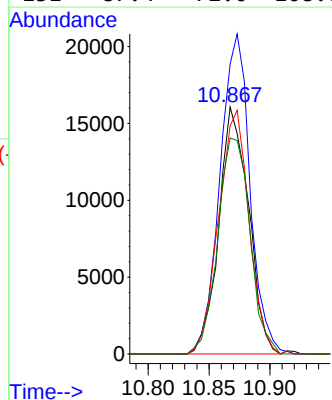
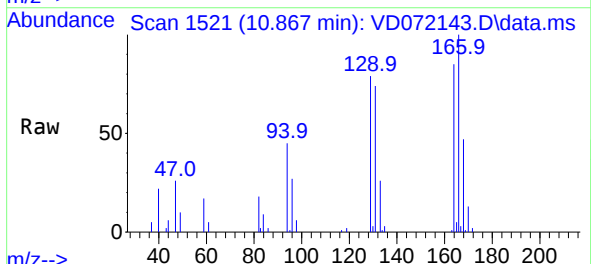
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

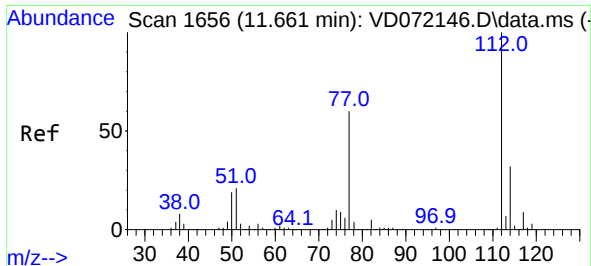
Tgt Ion:117 Resp: 591773  
Ion Ratio Lower Upper  
117 100  
82 57.1 45.3 67.9  
119 33.0 26.6 40.0



#64  
Tetrachloroethene  
Concen: 6.457 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion:164 Resp: 27309  
Ion Ratio Lower Upper  
164 100  
166 117.4 98.5 147.7  
129 92.4 74.6 111.8  
131 87.4 72.0 108.0

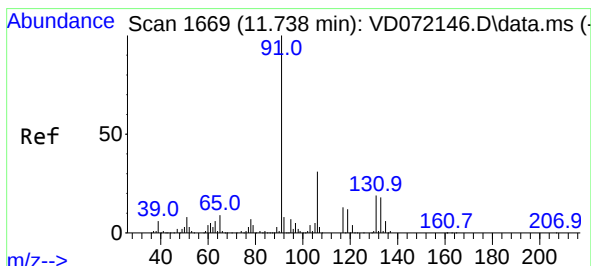
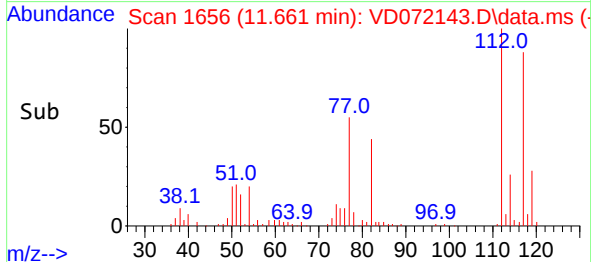
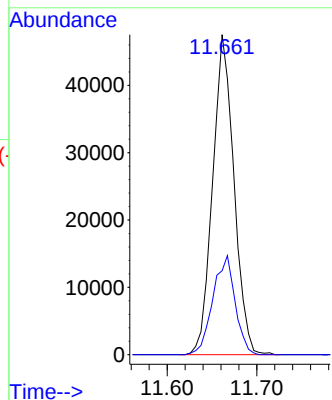
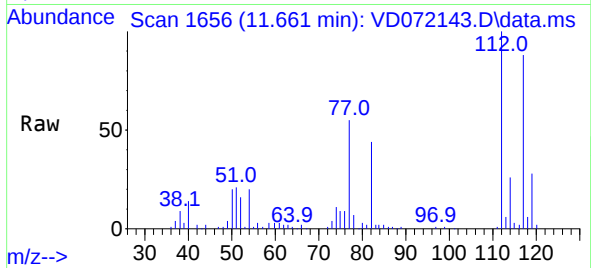




#65  
Chlorobenzene  
Concen: 6.175 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

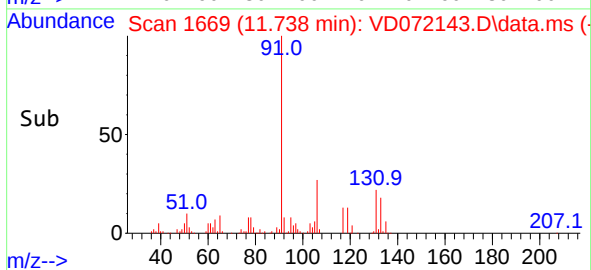
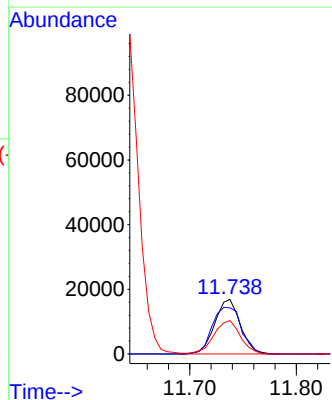
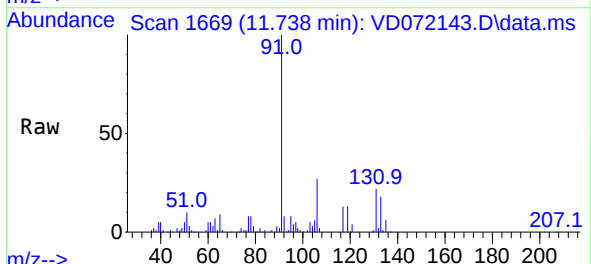
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

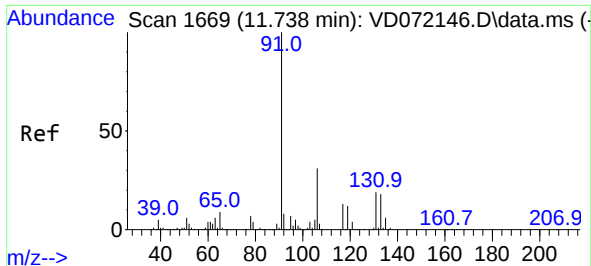
Tgt Ion:112 Resp: 78313  
Ion Ratio Lower Upper  
112 100  
114 26.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 6.037 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion:131 Resp: 28151  
Ion Ratio Lower Upper  
131 100  
133 97.9 48.1 144.3  
119 63.2 31.9 95.9

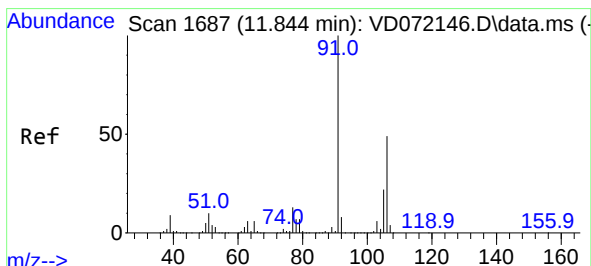
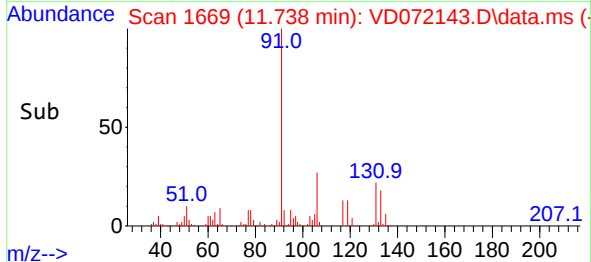
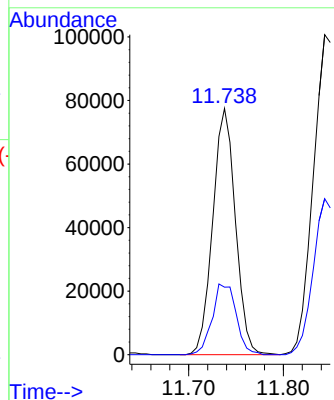
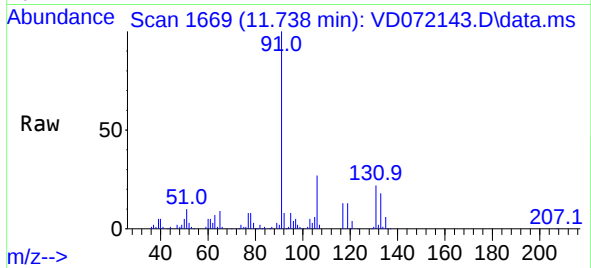




#67  
Ethyl Benzene  
Concen: 5.565 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

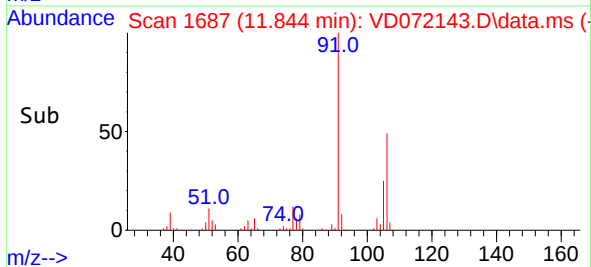
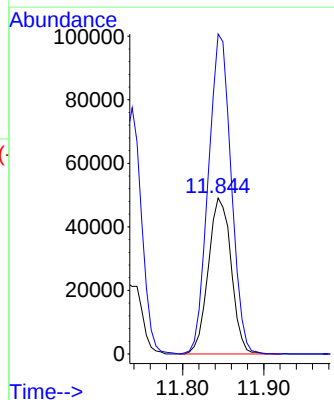
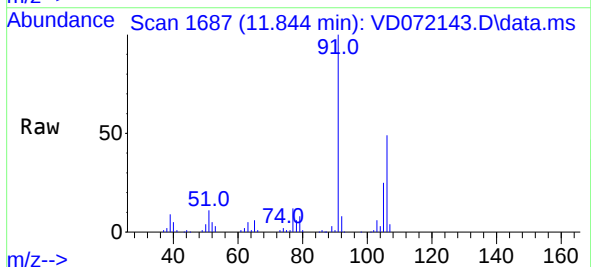
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

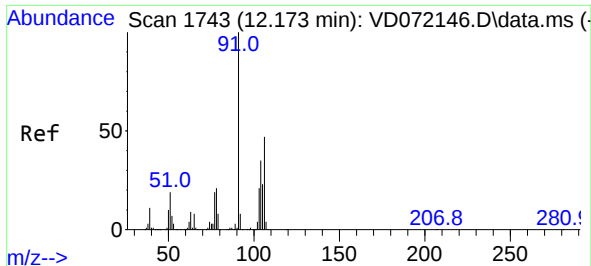
Tgt Ion: 91 Resp: 129137  
Ion Ratio Lower Upper  
91 100  
106 27.4 24.2 36.4



#68  
m/p-Xylenes  
Concen: 10.878 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 106 Resp: 96010  
Ion Ratio Lower Upper  
106 100  
91 205.2 163.7 245.5

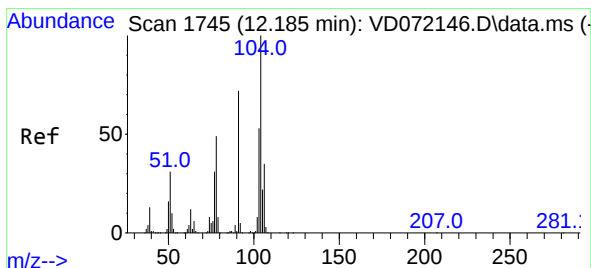
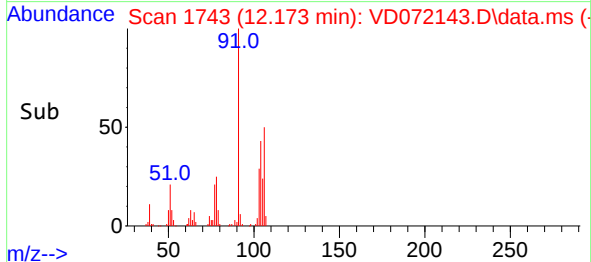
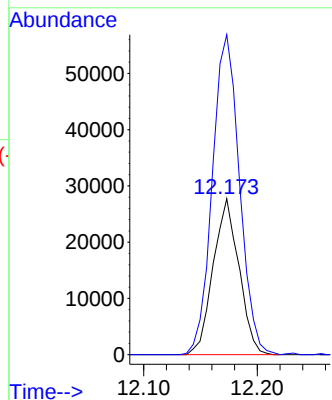
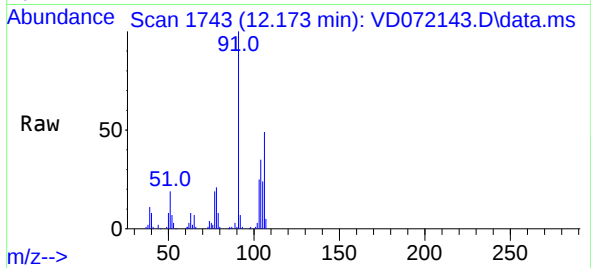




#69  
o-Xylene  
Concen: 5.419 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

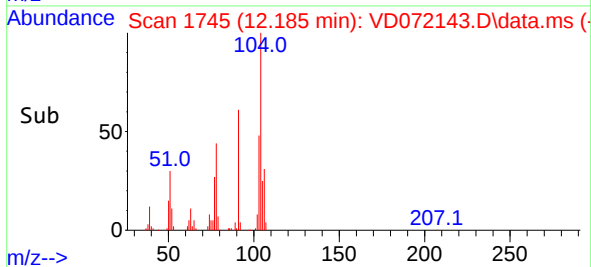
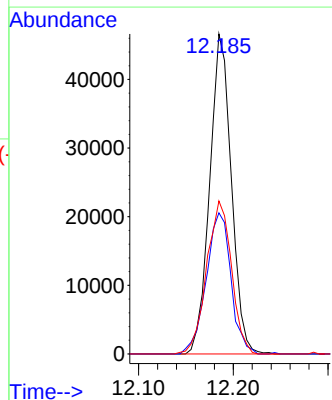
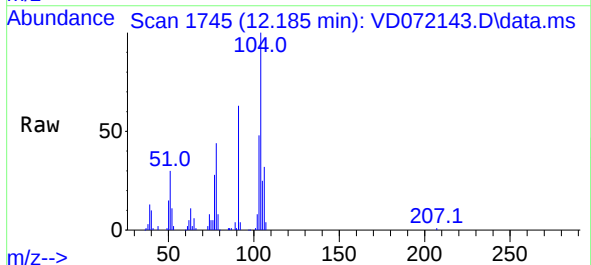
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

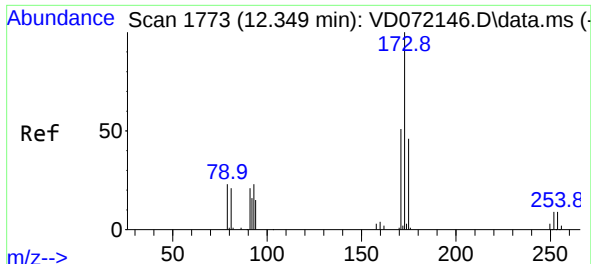
Tgt Ion:106 Resp: 43824  
Ion Ratio Lower Upper  
106 100  
91 215.7 110.4 331.2



#70  
Styrene  
Concen: 5.340 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion:104 Resp: 74148  
Ion Ratio Lower Upper  
104 100  
78 50.3 41.8 62.8  
103 54.7 44.2 66.4

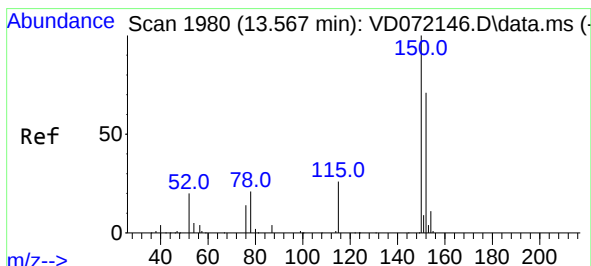
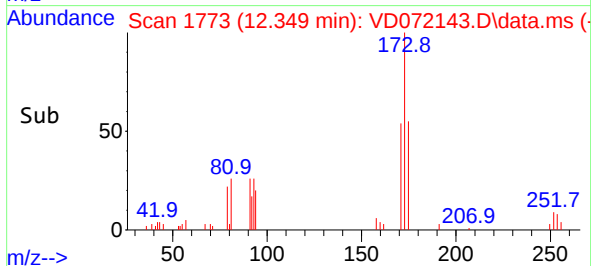
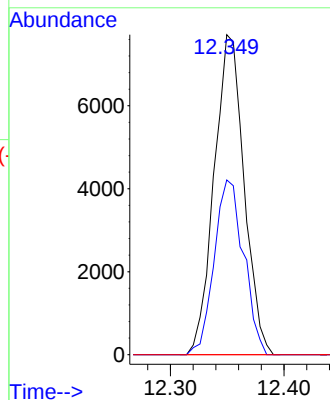
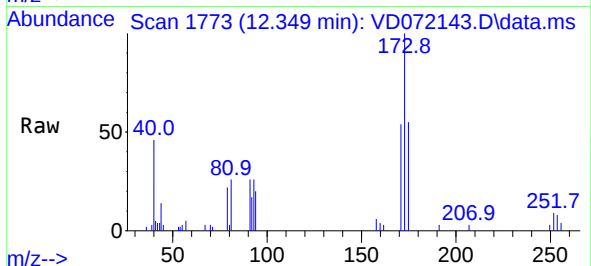




#71  
Bromoform  
Concen: 5.721 ug/l  
RT: 12.349 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

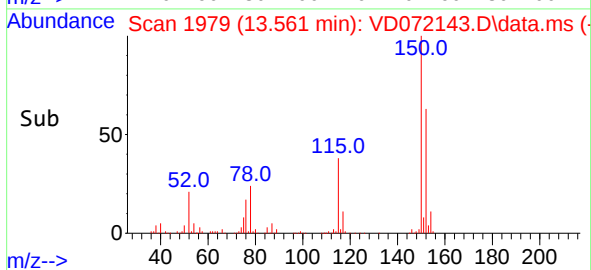
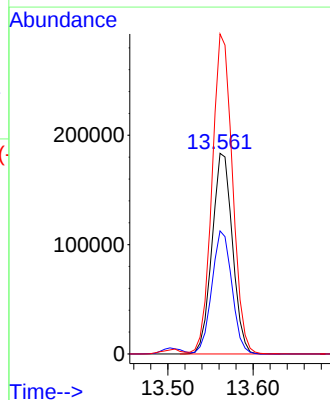
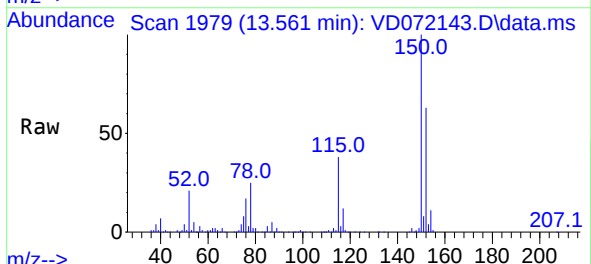
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

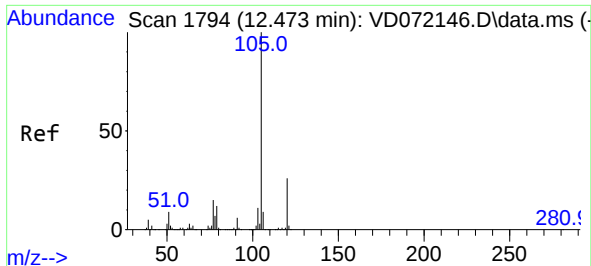
Tgt Ion:173 Resp: 14129  
Ion Ratio Lower Upper  
173 100  
175 53.7 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion:152 Resp: 305067  
Ion Ratio Lower Upper  
152 100  
115 60.3 31.3 93.8  
150 159.5 0.0 348.6

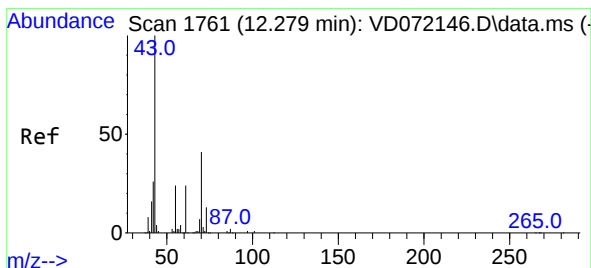
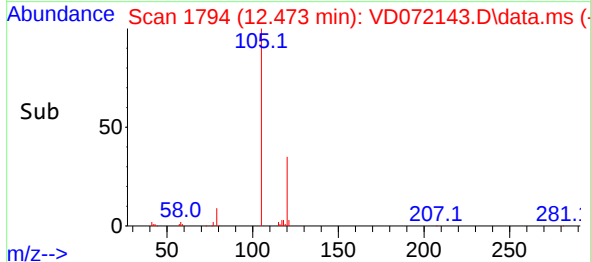
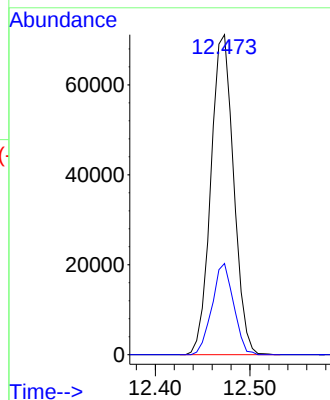
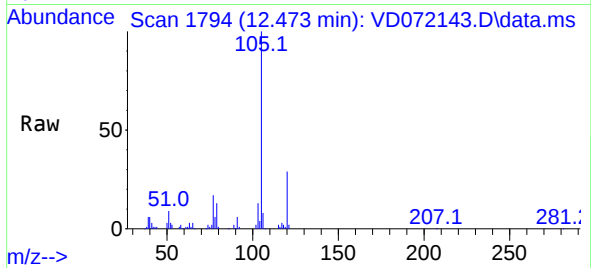




#73  
Isopropylbenzene  
Concen: 4.985 ug/l  
RT: 12.473 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

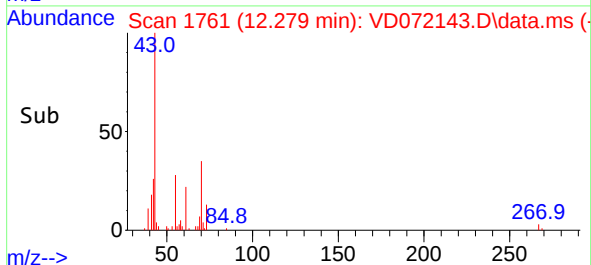
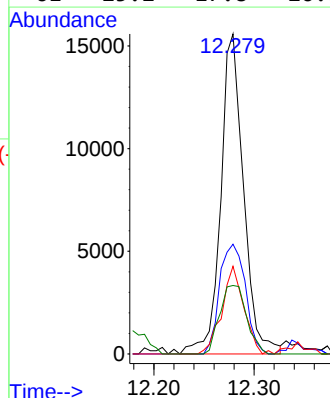
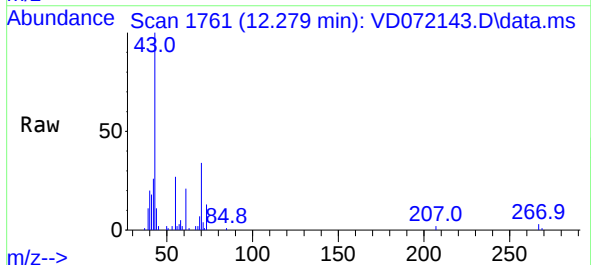
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

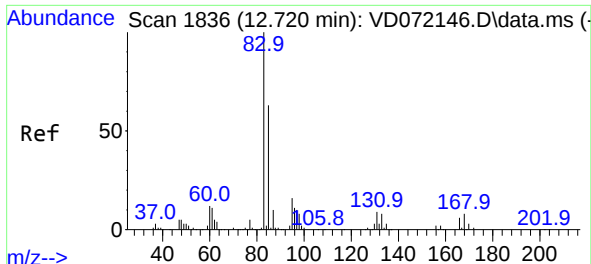
Tgt Ion:105 Resp: 118899  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.0 38.9



#74  
N-ethyl acetate  
Concen: 4.378 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 43 Resp: 24616  
Ion Ratio Lower Upper  
43 100  
70 38.8 31.3 46.9  
55 26.5 20.0 30.0  
61 25.2 17.8 26.8

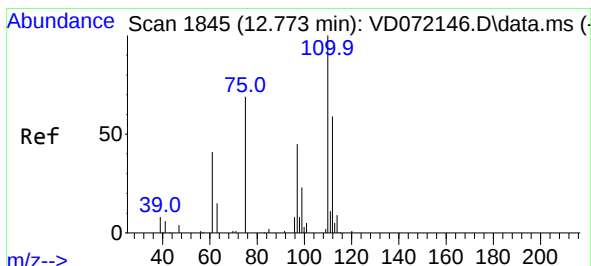
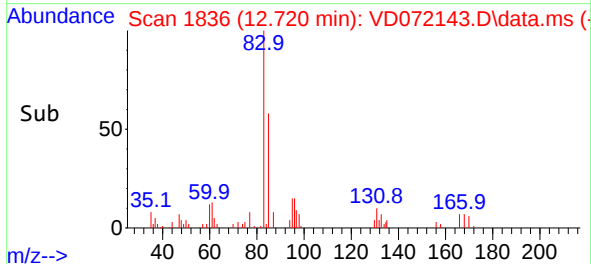
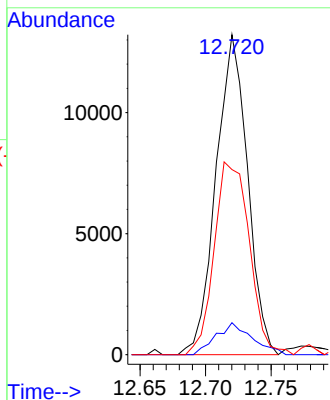
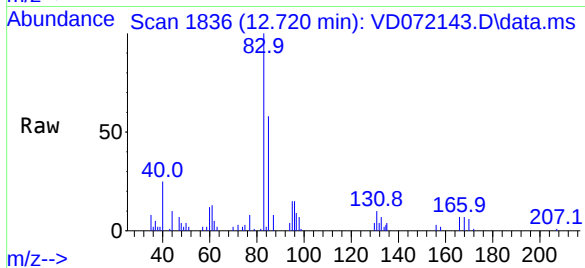




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.107 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

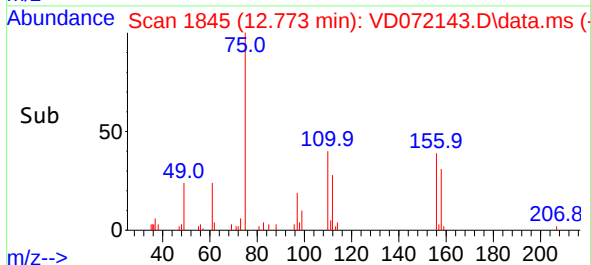
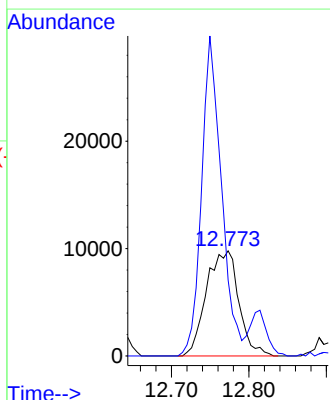
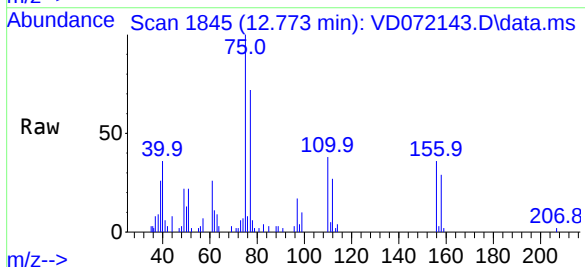
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

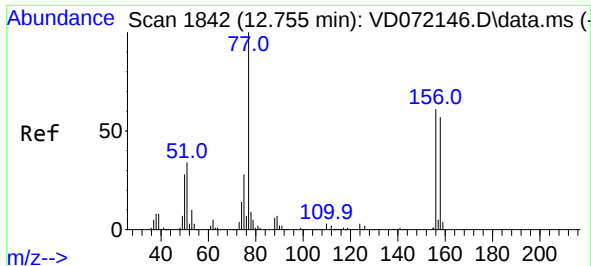
Tgt Ion: 83 Resp: 22100  
Ion Ratio Lower Upper  
83 100  
131 11.4 5.0 14.9  
85 67.1 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 8.815 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 75 Resp: 28453  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

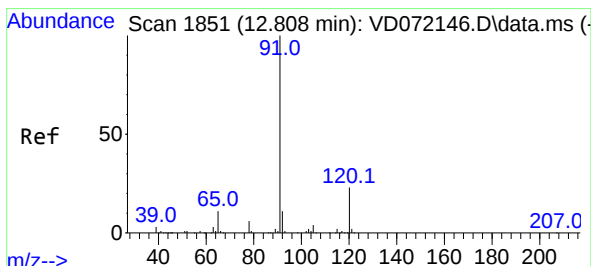
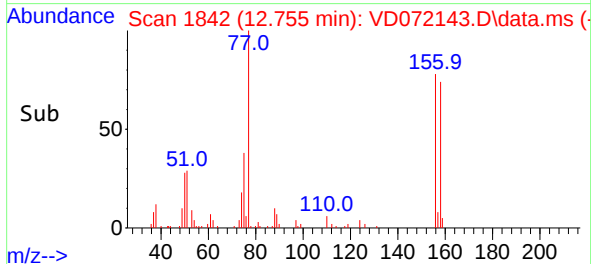
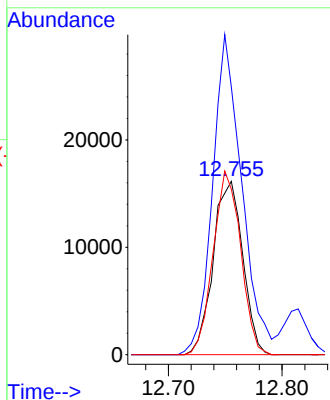
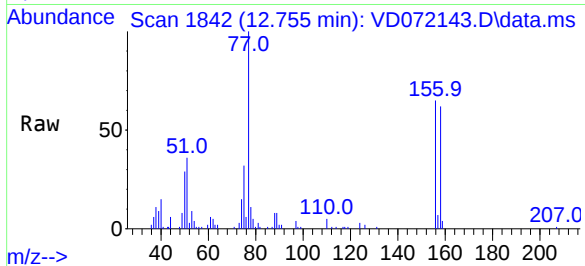




#77  
Bromobenzene  
Concen: 5.531 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

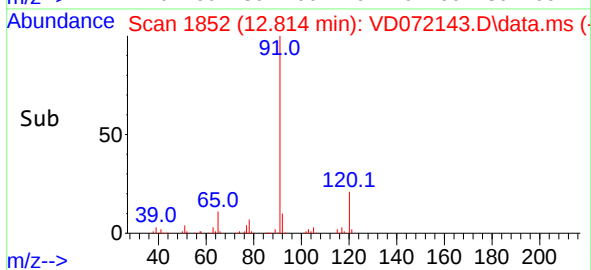
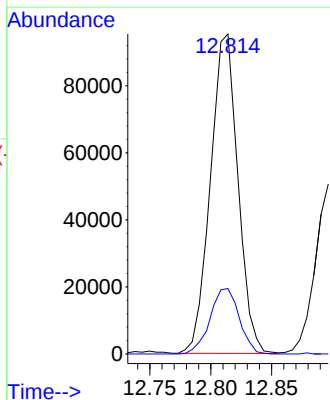
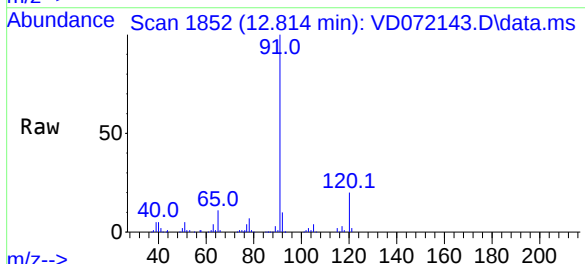
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

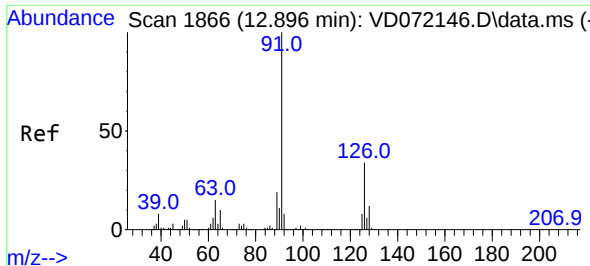
Tgt Ion:156 Resp: 29235  
Ion Ratio Lower Upper  
156 100  
77 181.5 102.8 308.3  
158 98.7 48.7 146.1



#78  
n-propylbenzene  
Concen: 5.059 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 91 Resp: 150088  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.9

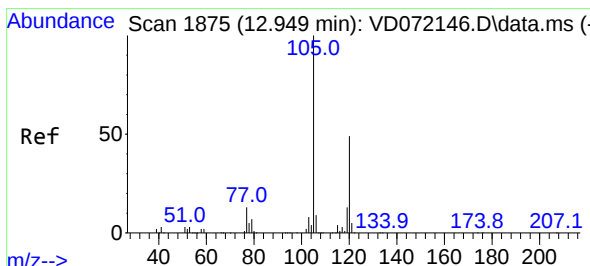
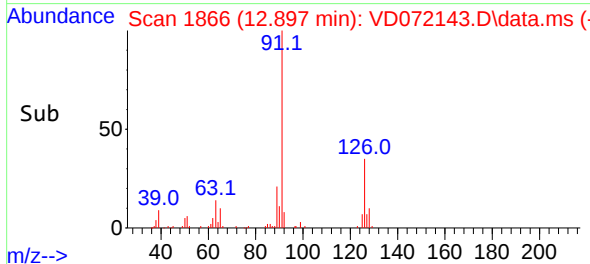
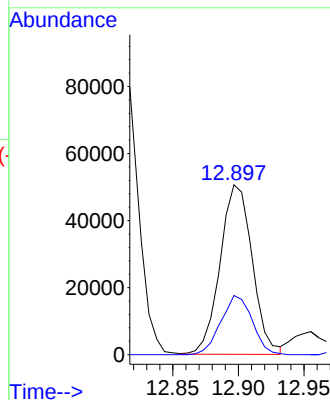
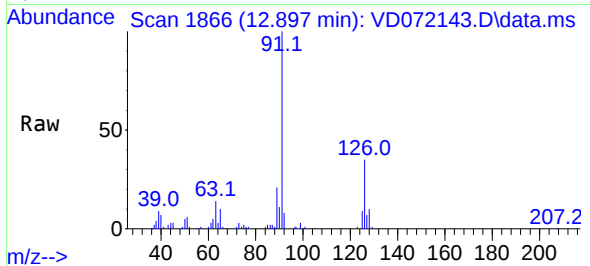




#79  
2-Chlorotoluene  
Concen: 5.145 ug/l  
RT: 12.897 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

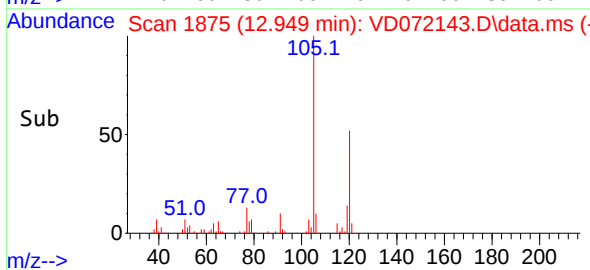
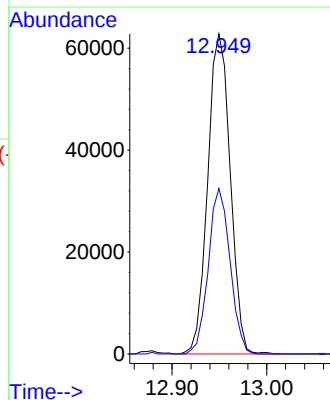
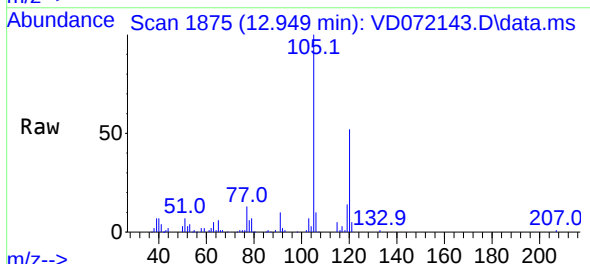
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

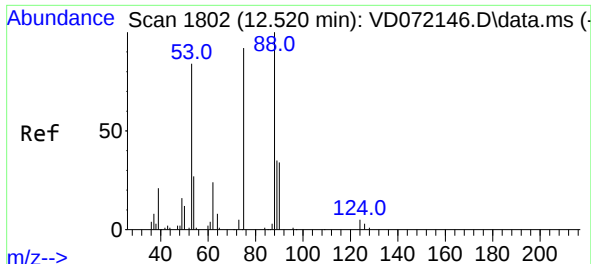
Tgt Ion: 91 Resp: 86441  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 5.260 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 105 Resp: 103916  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.3 72.8

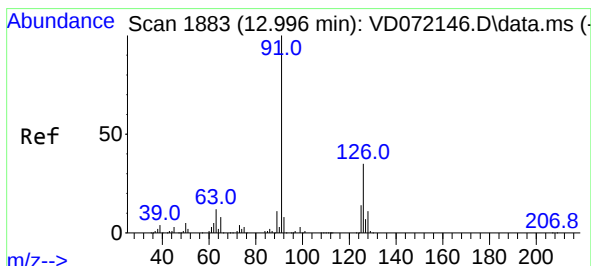
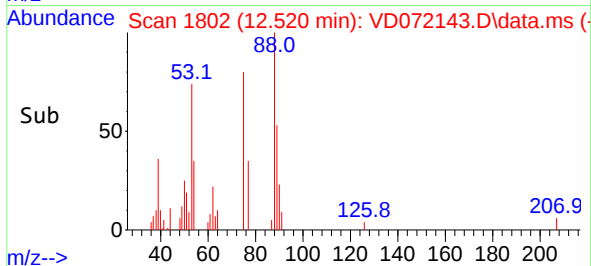
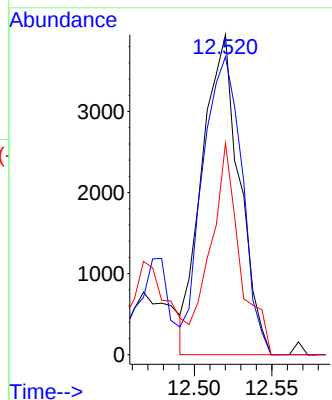
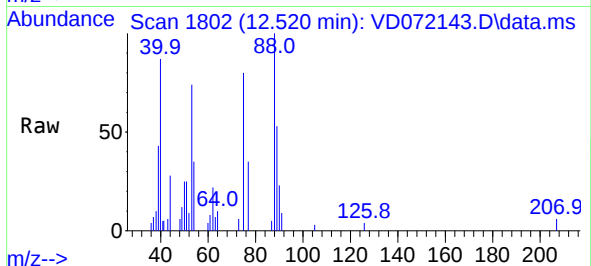




#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.072 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

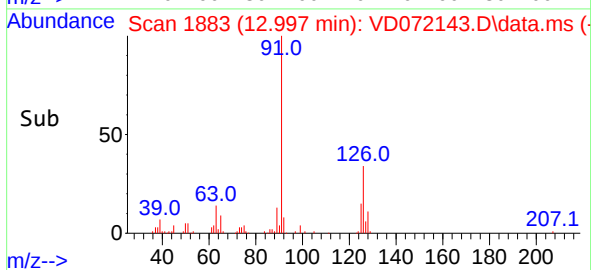
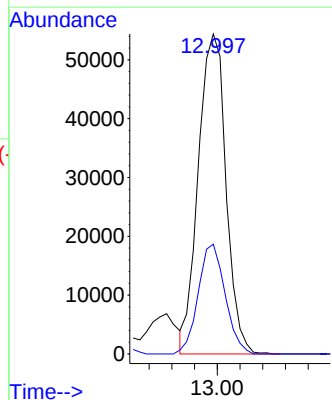
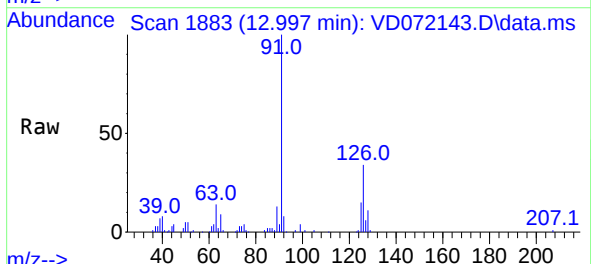
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

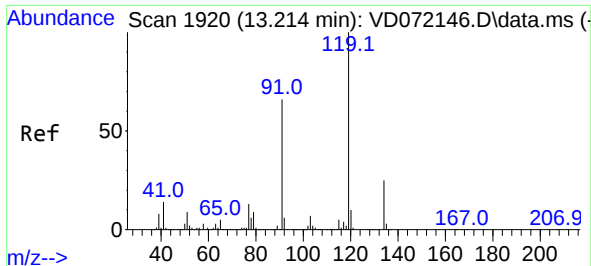
Tgt Ion: 75 Resp: 6597  
Ion Ratio Lower Upper  
75 100  
53 98.4 86.5 129.7  
89 51.4 33.9 50.9#



#82  
4-Chlorotoluene  
Concen: 5.260 ug/l  
RT: 12.997 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 91 Resp: 92042  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.5 49.5

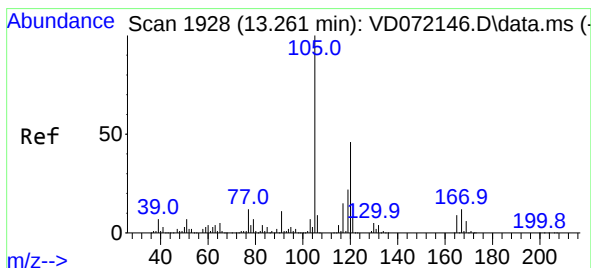
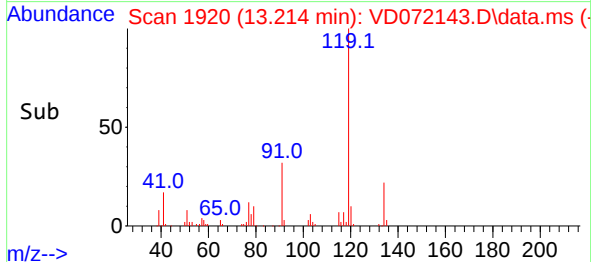
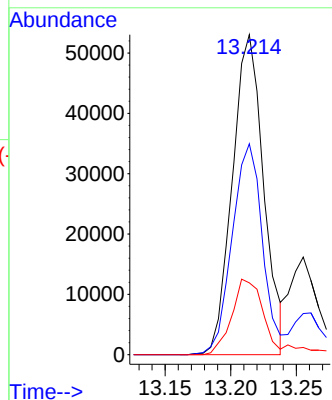
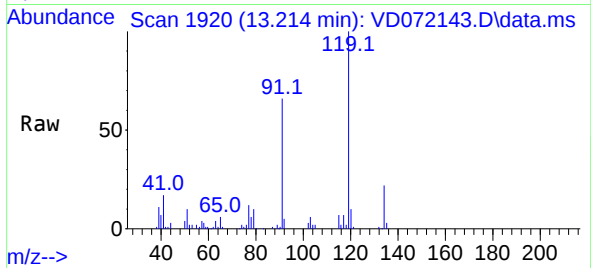




#83  
tert-Butylbenzene  
Concen: 5.317 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

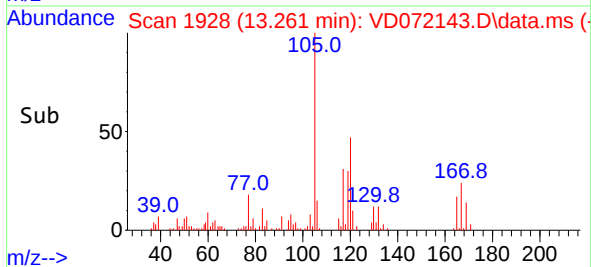
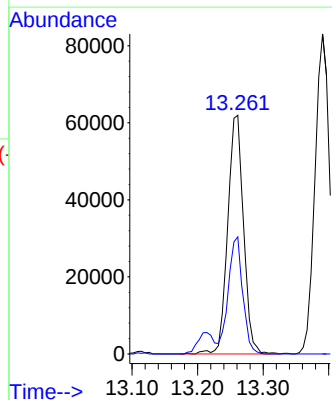
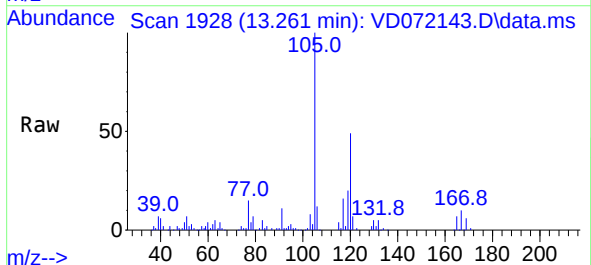
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

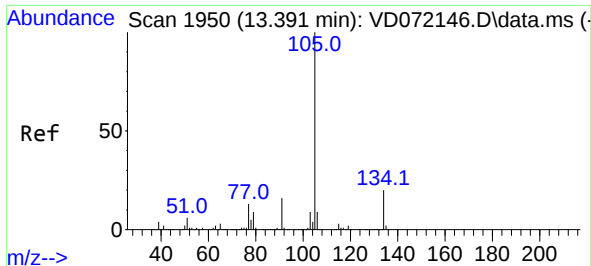
Tgt Ion:119 Resp: 88129  
Ion Ratio Lower Upper  
119 100  
91 63.8 34.8 104.5  
134 25.7 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 5.340 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion:105 Resp: 103609  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.3 66.8

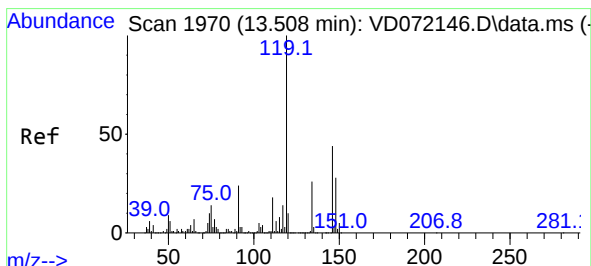
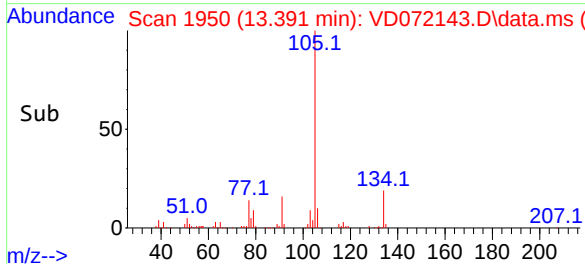
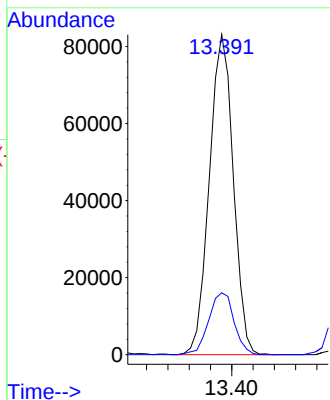
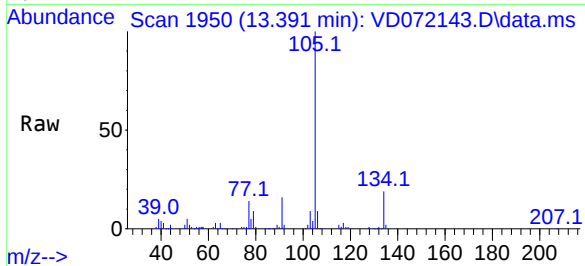




#85  
 sec-Butylbenzene  
 Concen: 5.020 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD072143.D  
 Acq: 11 Mar 2022 10:47

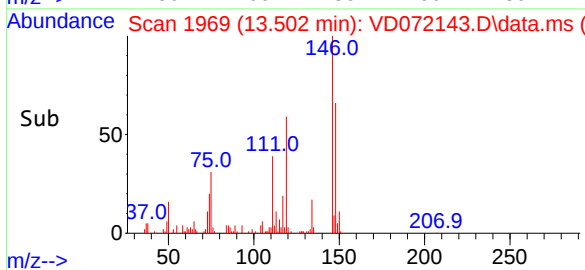
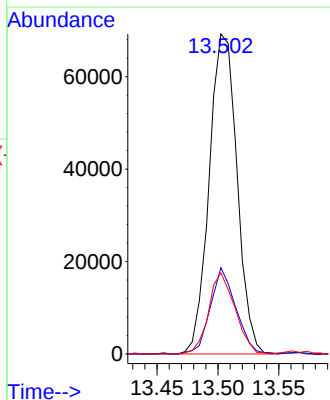
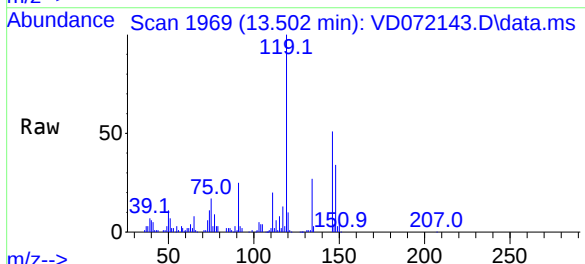
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

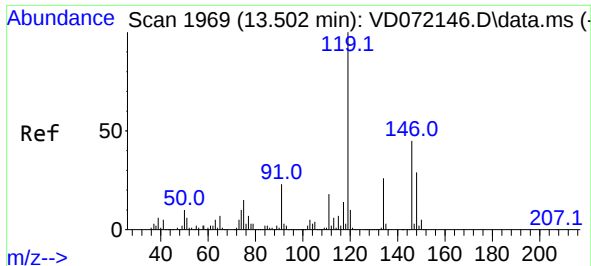
Tgt Ion:105 Resp: 129665  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 5.247 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD072143.D  
 Acq: 11 Mar 2022 10:47

Tgt Ion:119 Resp: 110116  
 Ion Ratio Lower Upper  
 119 100  
 134 24.6 12.9 38.6  
 91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 5.645 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC005

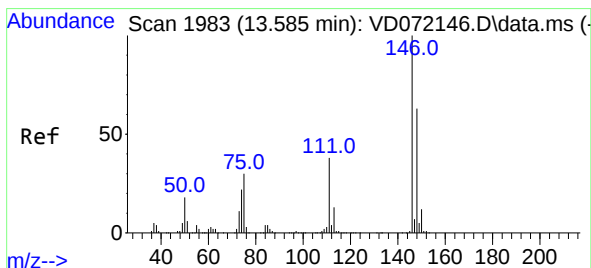
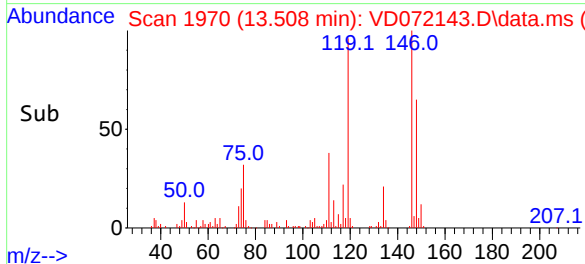
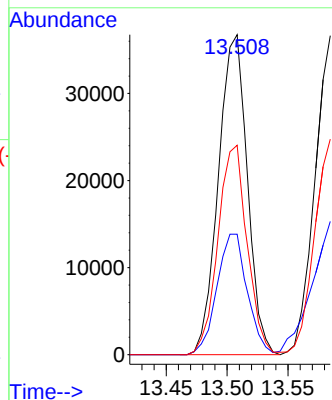
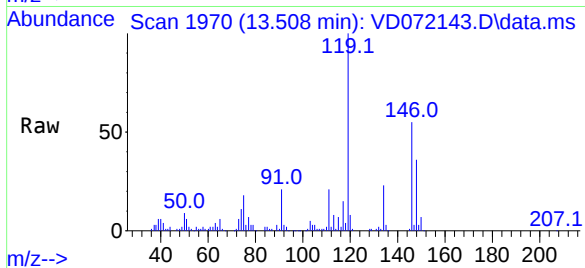
Tgt Ion:146 Resp: 60782

Ion Ratio Lower Upper

146 100

111 39.5 20.4 61.3

148 66.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 5.789 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

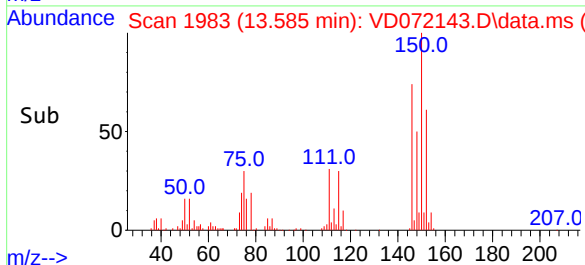
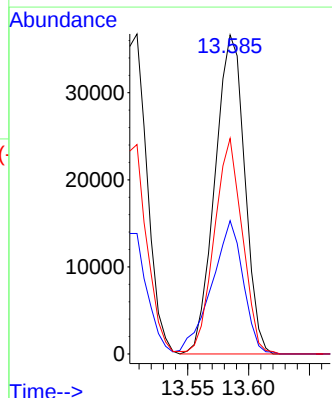
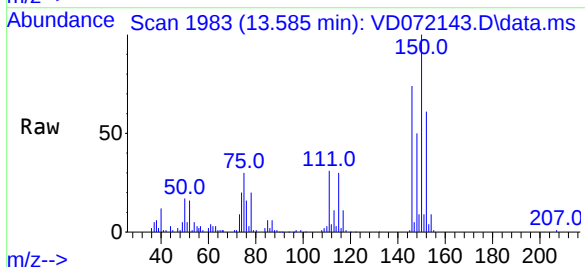
Tgt Ion:146 Resp: 62256

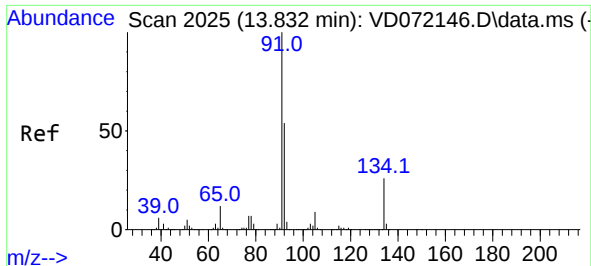
Ion Ratio Lower Upper

146 100

111 44.4 20.3 60.9

148 63.9 31.7 95.1

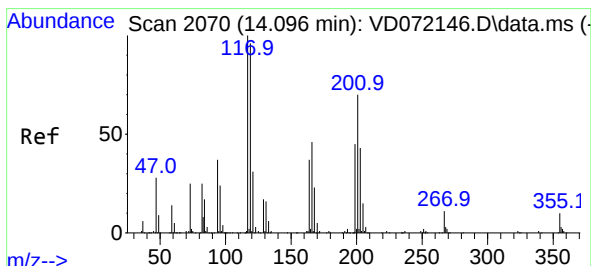
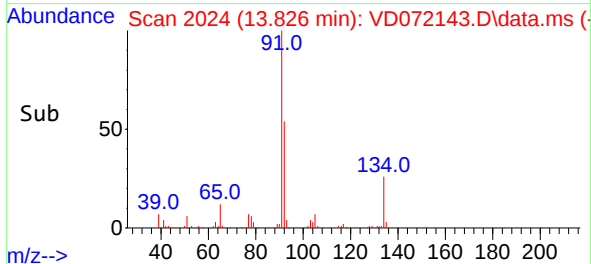
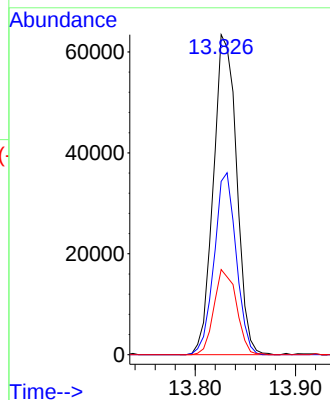
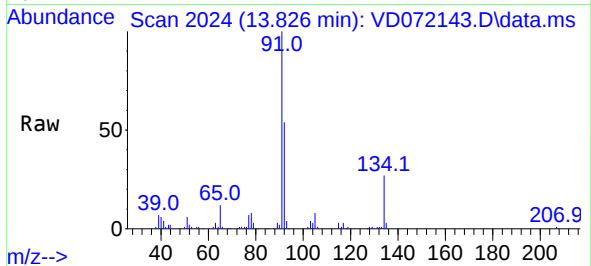




#89  
n-Butylbenzene  
Concen: 4.953 ug/l  
RT: 13.826 min Scan# 2025  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

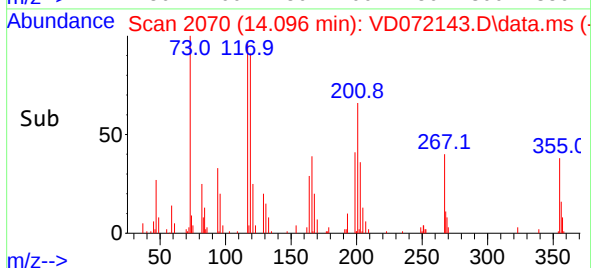
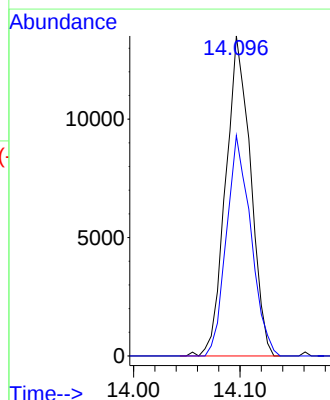
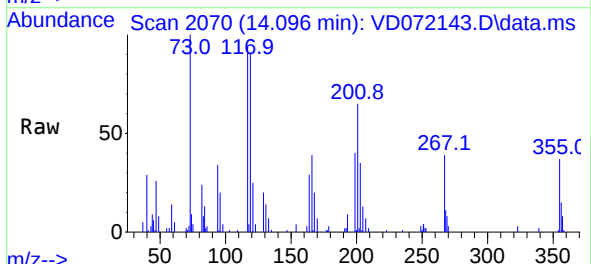
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

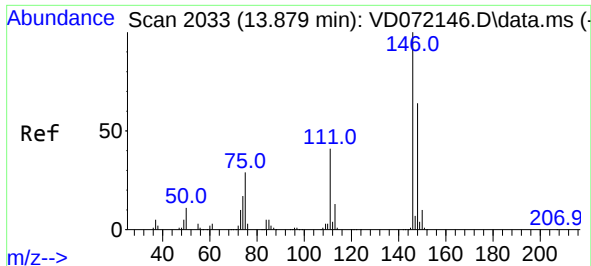
Tgt Ion: 91 Resp: 101936  
Ion Ratio Lower Upper  
91 100  
92 53.9 26.6 79.8  
134 25.8 12.3 36.9



#90  
Hexachloroethane  
Concen: 5.256 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion: 117 Resp: 21875  
Ion Ratio Lower Upper  
117 100  
201 67.9 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 5.622 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

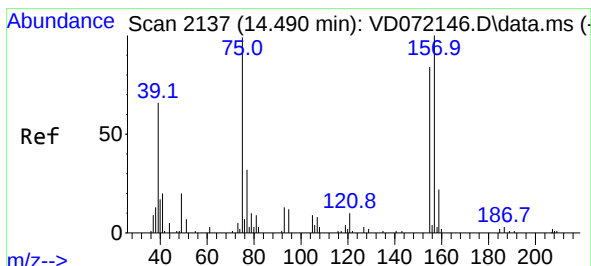
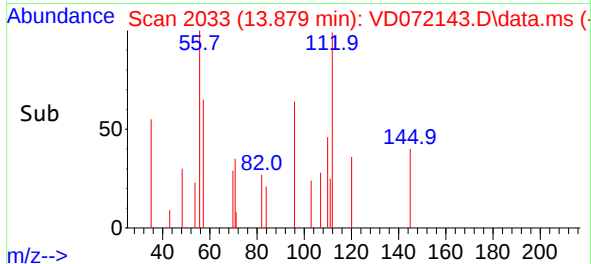
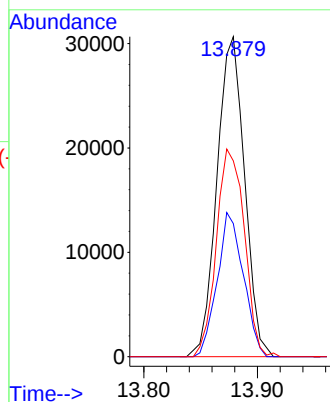
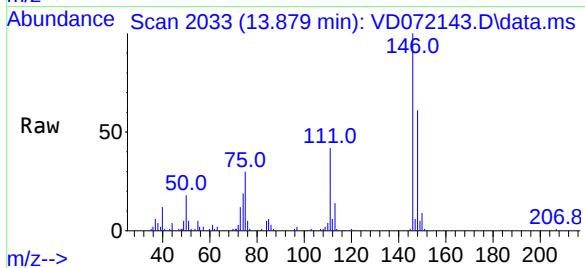
Tgt Ion:146 Resp: 51792

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

148 65.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.983 ug/l

RT: 14.491 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072143.D

Acq: 11 Mar 2022 10:47

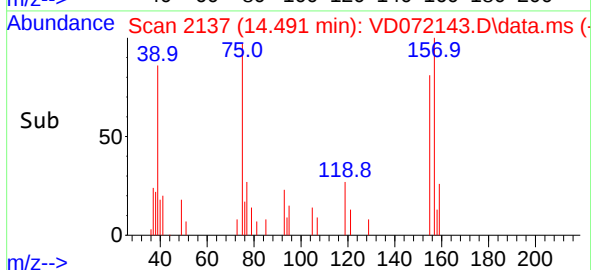
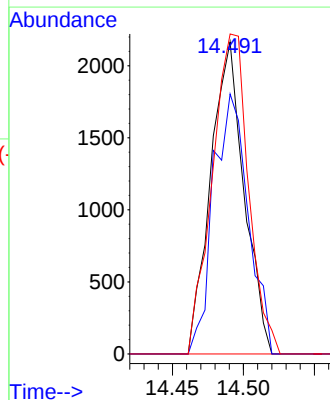
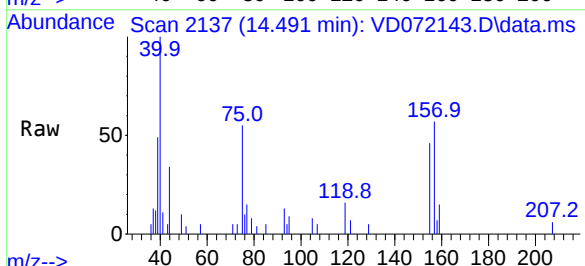
Tgt Ion: 75 Resp: 3552

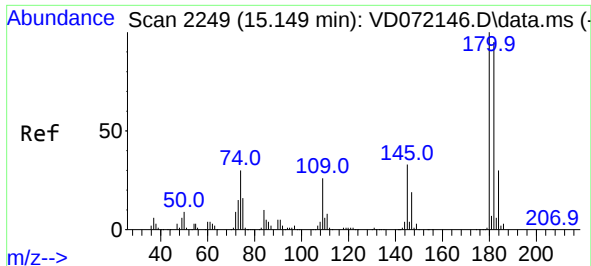
Ion Ratio Lower Upper

75 100

155 86.8 36.8 110.3

157 111.5 48.4 145.0

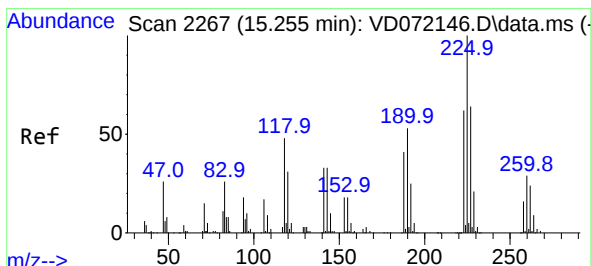
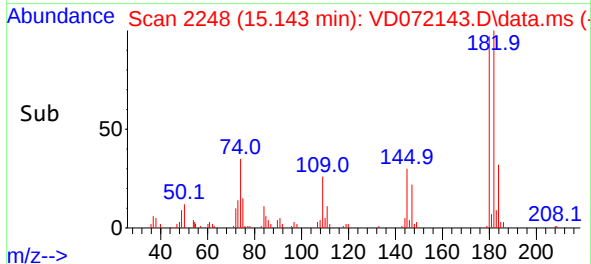
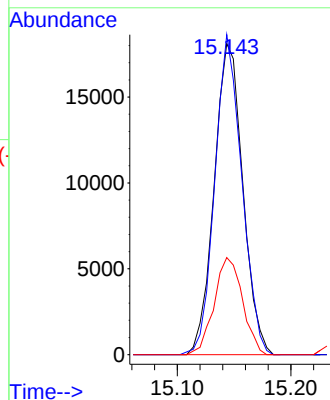
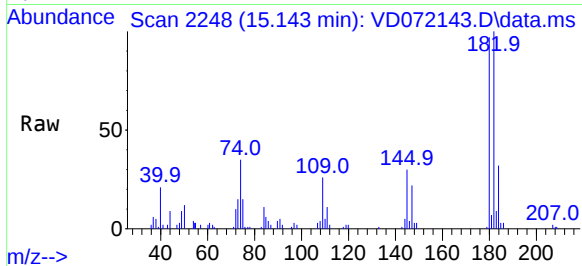




#93  
1,2,4-Trichlorobenzene  
Concen: 5.741 ug/l  
RT: 15.143 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

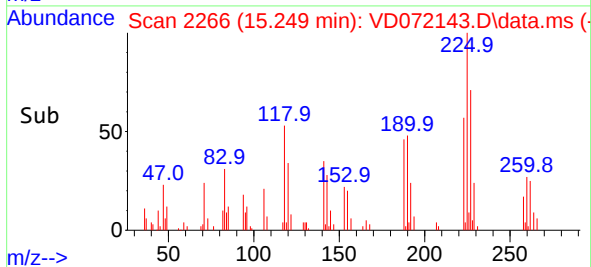
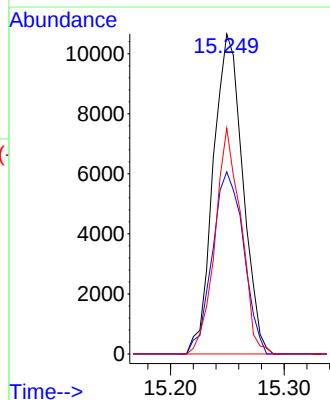
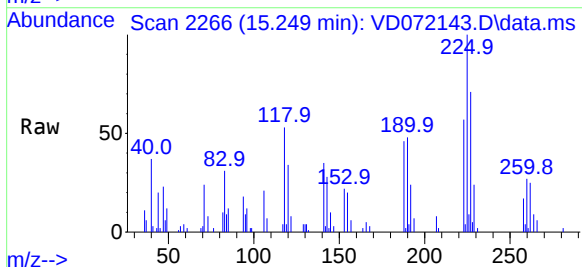
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

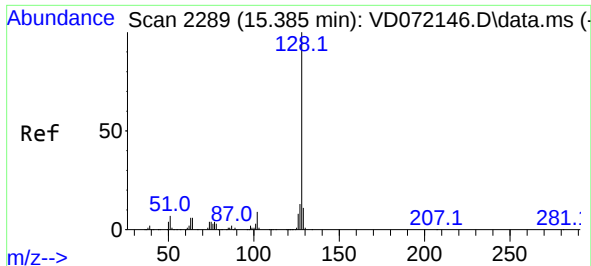
Tgt Ion:180 Resp: 31709  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.3 142.0  
145 30.9 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 6.240 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Tgt Ion:225 Resp: 19229  
Ion Ratio Lower Upper  
225 100  
223 60.3 31.1 93.2  
227 61.9 32.4 97.0

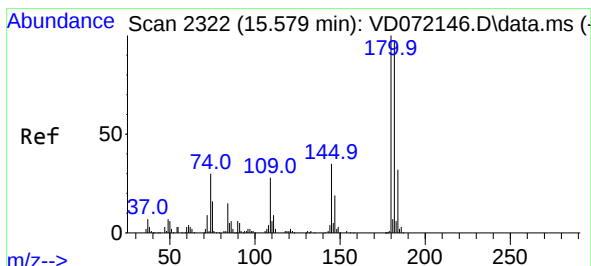
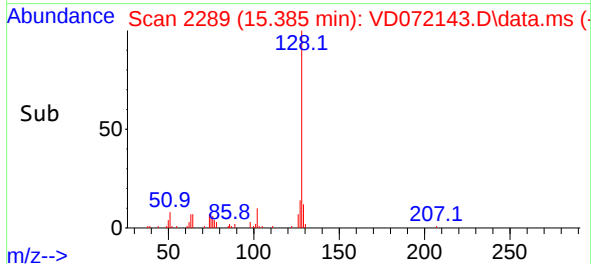
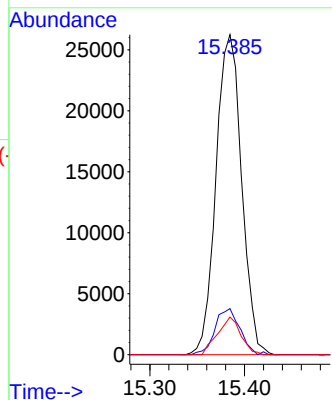
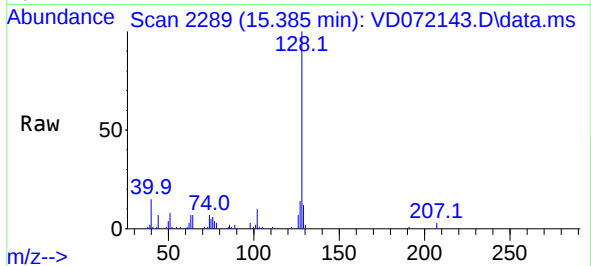




#95  
Naphthalene  
Concen: 5.050 ug/l  
RT: 15.385 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 49335 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 14.1  | 10.3  | 15.5  |
| 129       | 10.7  | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 6.002 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VD072143.D  
Acq: 11 Mar 2022 10:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 28302 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 89.7  | 47.6  | 142.9 |
| 145       | 33.0  | 17.1  | 51.3  |

