

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022621\  
 Data File : VD068455.D  
 Acq On : 26 Feb 2021 13:21  
 Operator : VA/SY  
 Sample : VSTDICC150  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC150

Quant Time: Feb 26 13:35:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022621S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 26 13:16:29 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.985  | 168  | 337944   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 578937   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.643 | 117  | 544611   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 250755   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 475290   | 138.54   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 277.08%# |
| 35) Dibromofluoromethane    | 7.920  | 113   | 492641   | 144.11   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 288.22%# |
| 50) Toluene-d8              | 10.344 | 98    | 1994681  | 141.47   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 282.94%# |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 643191   | 139.38   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 278.76%# |

|                              |       |     |         |        |           |
|------------------------------|-------|-----|---------|--------|-----------|
| Target Compounds             |       |     |         |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 463787  | 145.49 | ug/l 99   |
| 3) Chloromethane             | 2.215 | 50  | 568262  | 148.96 | ug/l 99   |
| 4) Vinyl Chloride            | 2.350 | 62  | 694916  | 152.28 | ug/l 98   |
| 5) Bromomethane              | 2.750 | 94  | 504895  | 155.52 | ug/l 100  |
| 6) Chloroethane              | 2.909 | 64  | 445058  | 150.50 | ug/l 99   |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 796560  | 144.01 | ug/l 100  |
| 8) Diethyl Ether             | 3.709 | 74  | 243302  | 150.11 | ug/l 98   |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 483385  | 143.78 | ug/l 95   |
| 10) Methyl Iodide            | 4.303 | 142 | 627125  | 192.19 | ug/l 95   |
| 11) Tert butyl alcohol       | 5.226 | 59  | 121072  | 698.90 | ug/l 98   |
| 12) 1,1-Dichloroethene       | 4.067 | 96  | 484358  | 147.69 | ug/l 96   |
| 13) Acrolein                 | 3.926 | 56  | 183275  | 887.68 | ug/l 99   |
| 14) Allyl chloride           | 4.720 | 41  | 642643  | 151.03 | ug/l 99   |
| 15) Acrylonitrile            | 5.426 | 53  | 498568  | 716.19 | ug/l 100  |
| 16) Acetone                  | 4.161 | 43  | 348231  | 648.49 | ug/l # 83 |
| 17) Carbon Disulfide         | 4.414 | 76  | 1607148 | 164.47 | ug/l 100  |
| 18) Methyl Acetate           | 4.720 | 43  | 196684  | 135.19 | ug/l 97   |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 1082745 | 148.32 | ug/l 95   |
| 20) Methylene Chloride       | 4.973 | 84  | 555217  | 128.61 | ug/l 95   |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 587417  | 154.04 | ug/l 93   |
| 22) Diisopropyl ether        | 6.367 | 45  | 1405898 | 149.61 | ug/l 95   |
| 23) Vinyl Acetate            | 6.308 | 43  | 3932355 | 812.86 | ug/l 98   |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 957037  | 149.09 | ug/l 99   |
| 25) 2-Butanone               | 7.214 | 43  | 551717  | 733.97 | ug/l 98   |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 814530  | 148.62 | ug/l 100  |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 646798  | 150.11 | ug/l 96   |
| 28) Bromochloromethane       | 7.550 | 49  | 363835  | 138.39 | ug/l 81   |
| 29) Tetrahydrofuran          | 7.567 | 42  | 358391  | 733.23 | ug/l 98   |
| 30) Chloroform               | 7.714 | 83  | 1001127 | 149.45 | ug/l 99   |
| 31) Cyclohexane              | 7.985 | 56  | 841612  | 143.97 | ug/l 95   |
| 32) 1,1,1-Trichloroethane    | 7.908 | 97  | 874942  | 151.50 | ug/l 96   |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 791826  | 150.92 | ug/l 97   |
| 37) Ethyl Acetate            | 7.297 | 43  | 257483  | 148.01 | ug/l 97   |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 754172  | 151.93 | ug/l 99   |
| 39) Methylcyclohexane        | 9.355 | 83  | 1022050 | 158.31 | ug/l 99   |
| 40) Benzene                  | 8.355 | 78  | 2304733 | 154.79 | ug/l 95   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022621\  
 Data File : VD068455.D  
 Acq On : 26 Feb 2021 13:21  
 Operator : VA/SY  
 Sample : VSTDICC150  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC150

Quant Time: Feb 26 13:35:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022621S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 26 13:16:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.561  | 41   | 346313   | 351.16  | ug/l # | 19       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 596366   | 150.48  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 503737   | 151.52  | ug/l   | 99       |
| 44) Trichloroethene           | 9.114  | 130  | 624911   | 154.22  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 559182   | 153.84  | ug/l   | 98       |
| 46) Dibromomethane            | 9.479  | 93   | 296895   | 151.74  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.667  | 83   | 779818   | 153.68  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.461  | 41   | 261156   | 154.15  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 65072    | 2868.15 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 1284667  | 749.22  | ug/l   | 100      |
| 52) Toluene                   | 10.402 | 92   | 1519252  | 158.56  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 732594   | 156.49  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 885556   | 153.79  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 414348   | 152.80  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 506177   | 158.48  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 714002   | 150.12  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 1224493  | 724.97  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.985 | 43   | 867161   | 747.60  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.143 | 129  | 513919   | 152.34  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 397566   | 151.45  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.879 | 164  | 495901   | 145.32  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.673 | 112  | 1597253  | 150.24  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.743 | 131  | 571651   | 154.53  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.743 | 91   | 2973641  | 156.00  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.855 | 106  | 2234293  | 309.09  | ug/l   | 100      |
| 69) o-Xylene                  | 12.179 | 106  | 1047391  | 157.92  | ug/l   | 95       |
| 70) Styrene                   | 12.196 | 104  | 1804252  | 156.69  | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 281622   | 148.17  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 2805224  | 152.38  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 499670   | 155.19  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 450598   | 142.05  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 589897   | 247.82  | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 618372   | 149.93  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.820 | 91   | 3333436  | 150.88  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 1845853  | 150.96  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 2301954  | 152.79  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 147994   | 155.12  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 1940052  | 149.92  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 1928445  | 147.94  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 2317184  | 153.97  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 2766922  | 152.07  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 2544691  | 154.81  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 1208229  | 150.77  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 1178009  | 147.89  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.837 | 91   | 2395723  | 149.24  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.108 | 117  | 503622   | 165.12  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.884 | 146  | 1026209  | 148.46  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 78777    | 165.36  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 811618   | 173.67  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 450656   | 174.95  | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 1518102  | 176.12  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 678115   | 167.18  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022621\  
Data File : VD068455.D  
Acq On : 26 Feb 2021 13:21  
Operator : VA/SY  
Sample : VSTDICC150  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

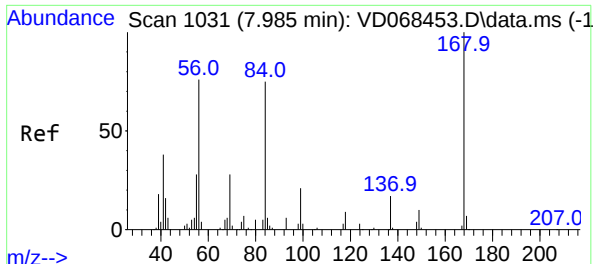
Quant Time: Feb 26 13:35:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022621S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 26 13:16:29 2021  
Response via : Initial Calibration

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

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

Quant Time: Feb 26 13:35:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022621S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 26 13:16:29 2021  
Response via : Initial Calibration

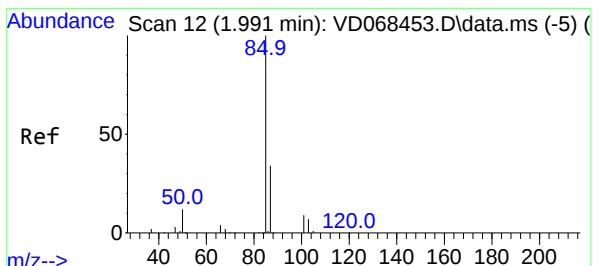
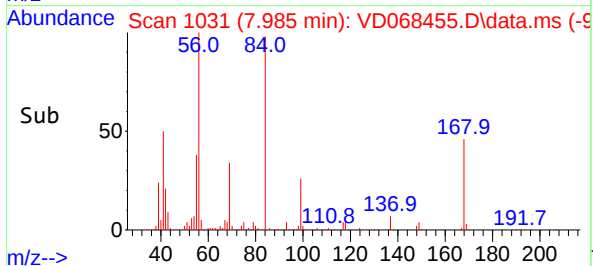
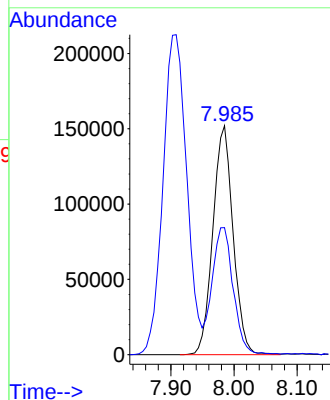
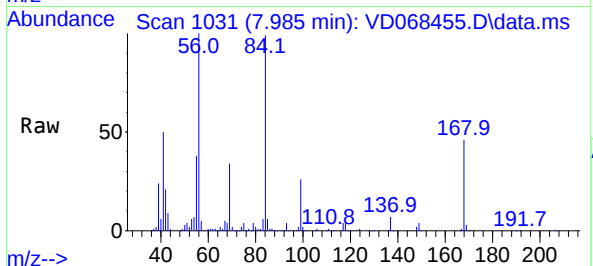




Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

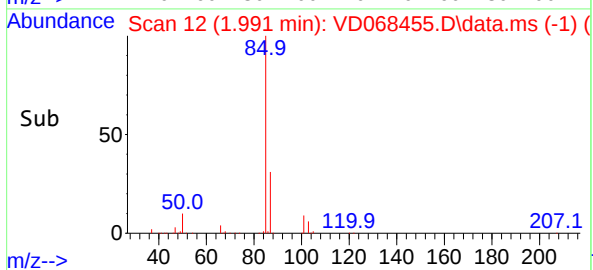
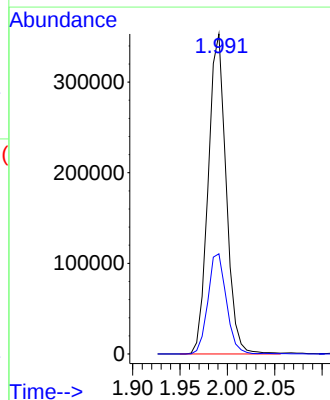
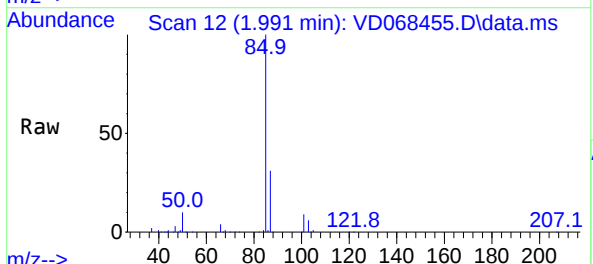
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

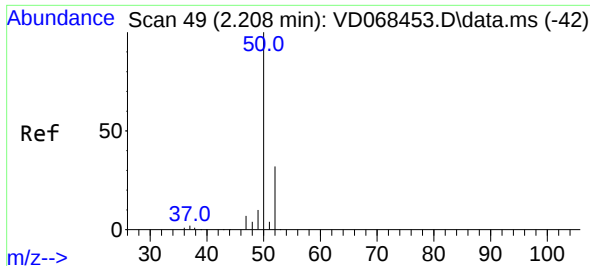
Tgt Ion:168 Resp: 337944  
Ion Ratio Lower Upper  
168 100  
99 55.2 43.5 65.3



Dichlorodifluoromethane  
Concen: 145.49 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 85 Resp: 463787  
Ion Ratio Lower Upper  
85 100  
87 31.3 15.4 46.1

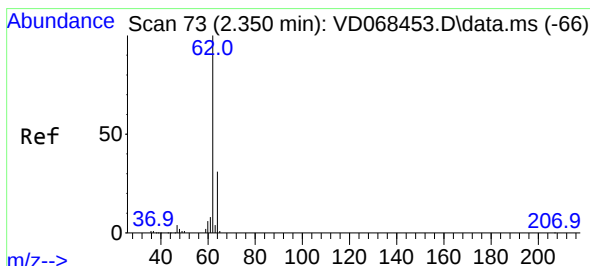
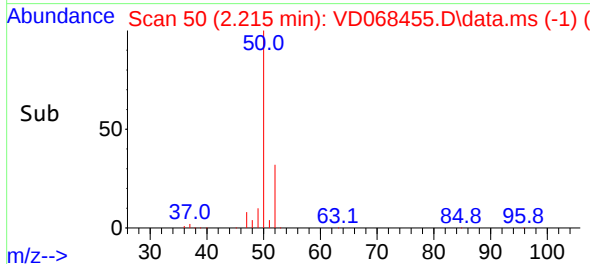
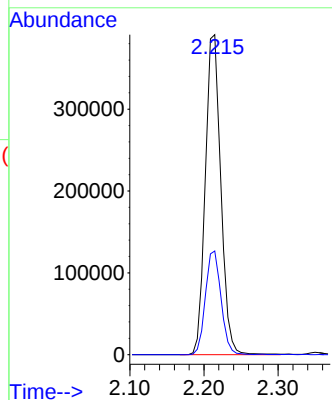
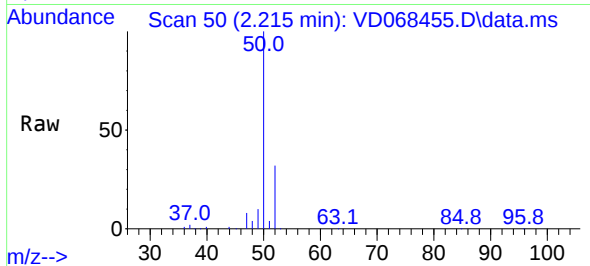




#3  
Chloromethane  
Concen: 148.96 ug/l  
RT: 2.215 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

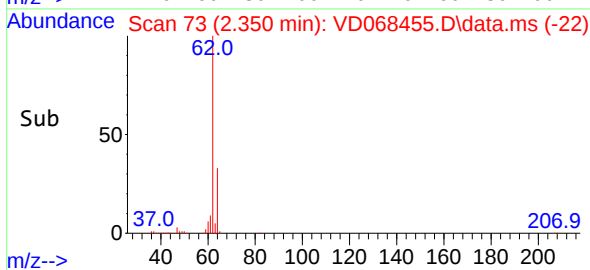
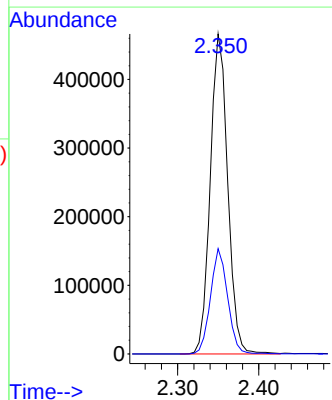
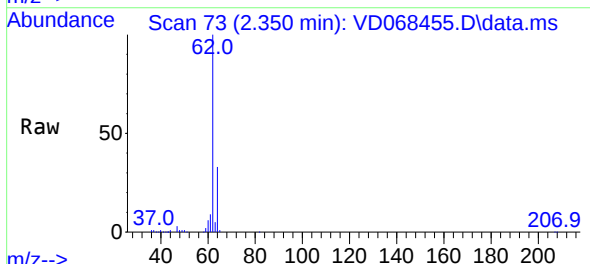
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

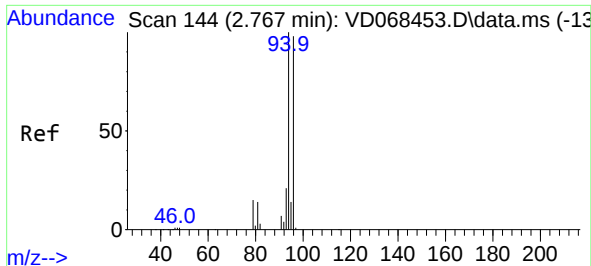
Tgt Ion: 50 Resp: 568262  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.4 38.2



#4  
Vinyl Chloride  
Concen: 152.28 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 62 Resp: 694916  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.4 38.2

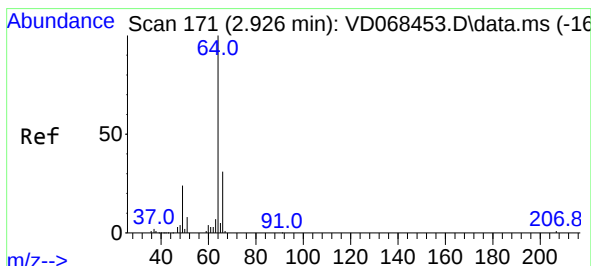
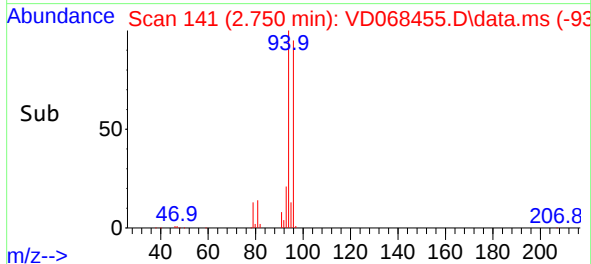
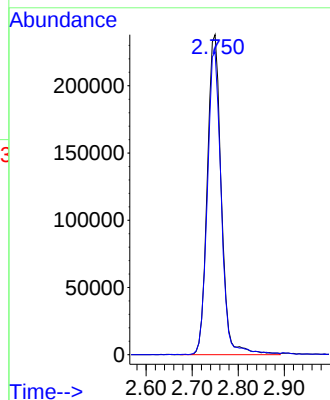
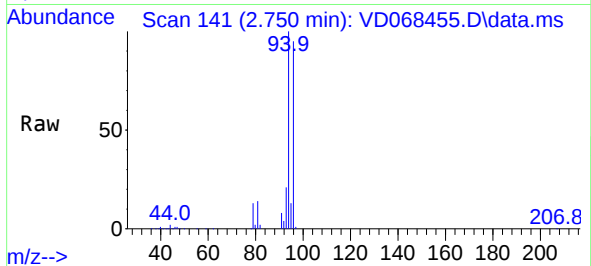




#5  
Bromomethane  
Concen: 155.52 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.017 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

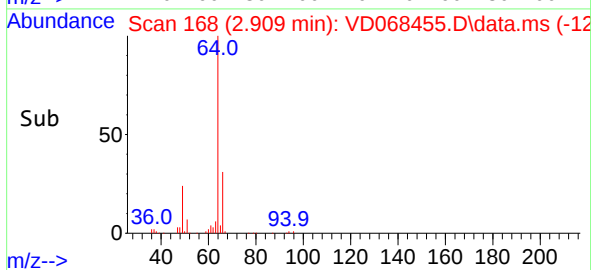
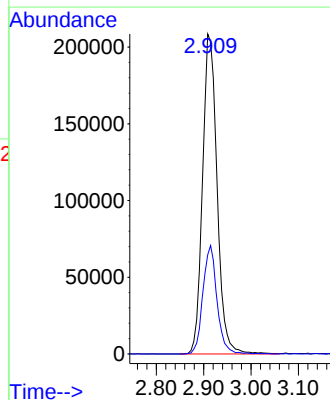
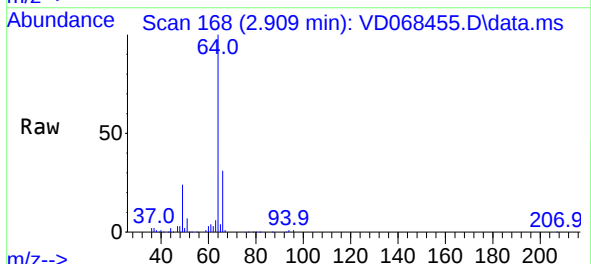
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

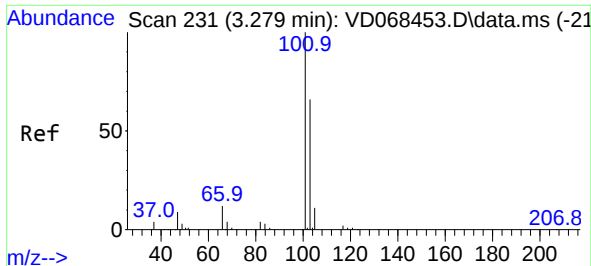
Tgt Ion: 94 Resp: 504895  
Ion Ratio Lower Upper  
94 100  
96 94.5 75.8 113.8



#6  
Chloroethane  
Concen: 150.50 ug/l  
RT: 2.909 min Scan# 168  
Delta R.T. -0.017 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 64 Resp: 445058  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.1 37.7

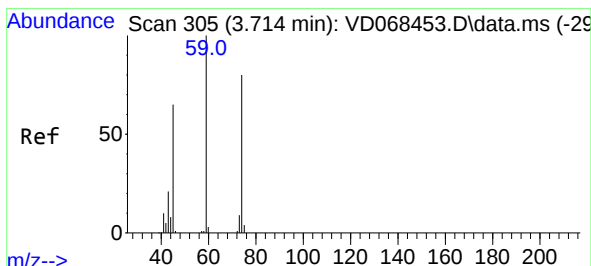
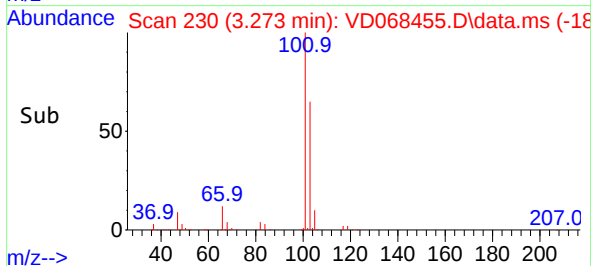
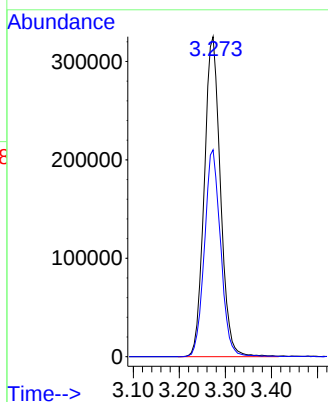
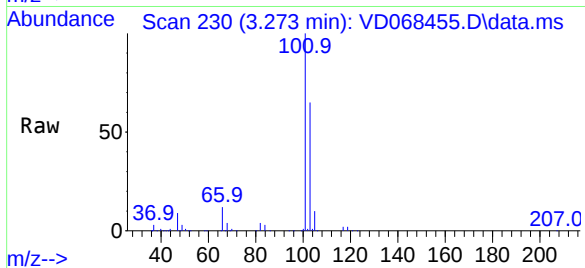




#7  
Trichlorofluoromethane  
Concen: 144.01 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

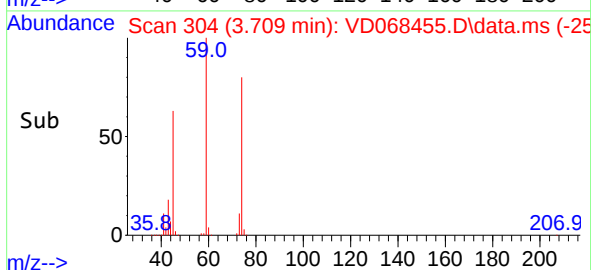
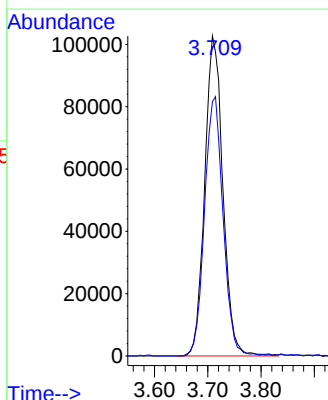
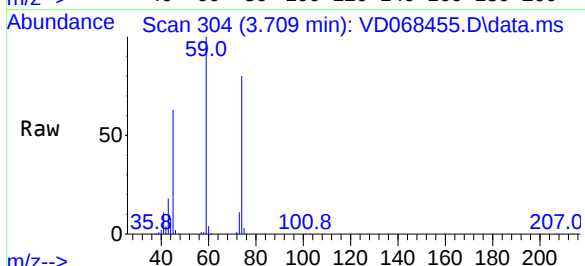
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

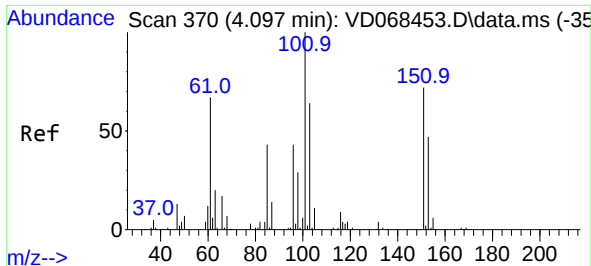
Tgt Ion:101 Resp: 796560  
Ion Ratio Lower Upper  
101 100  
103 64.7 52.0 78.0



#8  
Diethyl Ether  
Concen: 150.11 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 74 Resp: 243302  
Ion Ratio Lower Upper  
74 100  
45 82.7 42.1 126.4



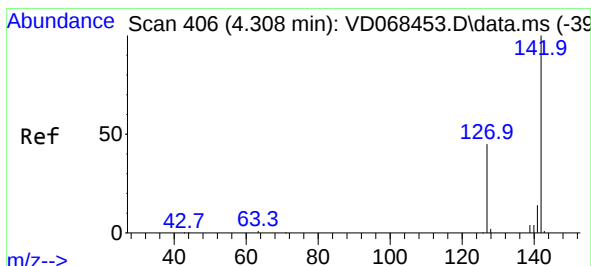
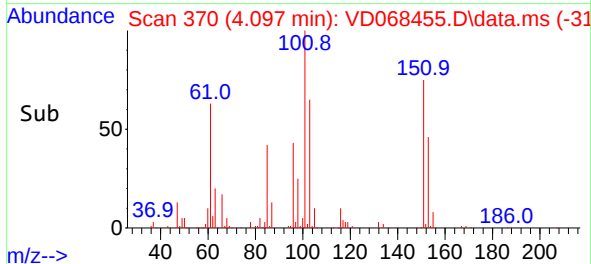
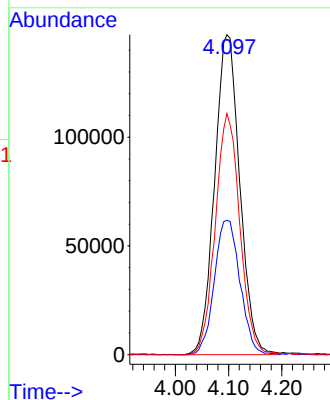
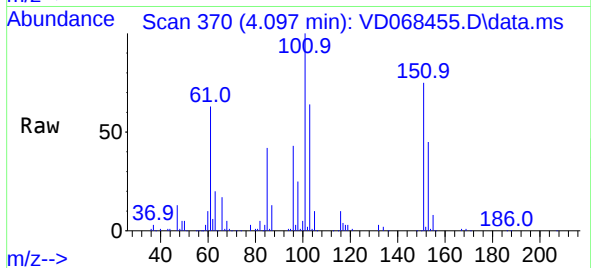


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 143.78 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion:101 Resp: 483385

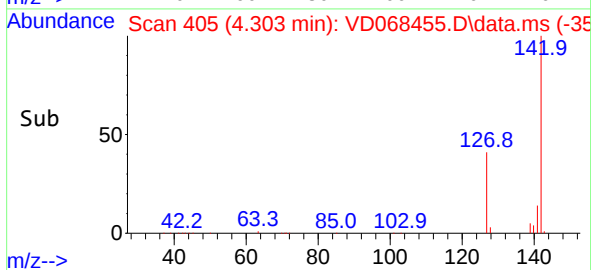
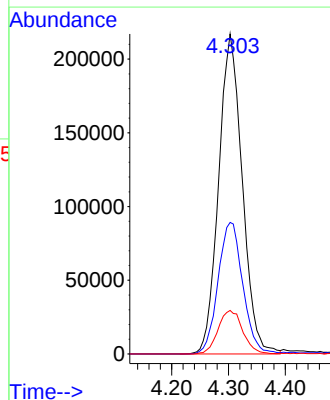
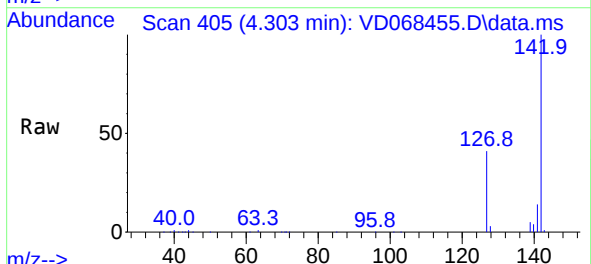
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 42.9  | 34.0  | 51.0  |
| 151 | 73.6  | 64.1  | 96.1  |

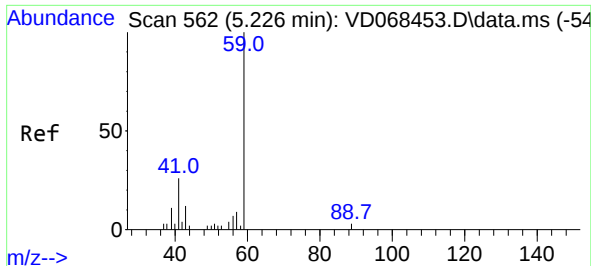


#10  
Methyl Iodide  
Concen: 192.19 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:142 Resp: 627125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 43.1  | 37.9  | 56.9  |
| 141 | 14.2  | 11.5  | 17.3  |

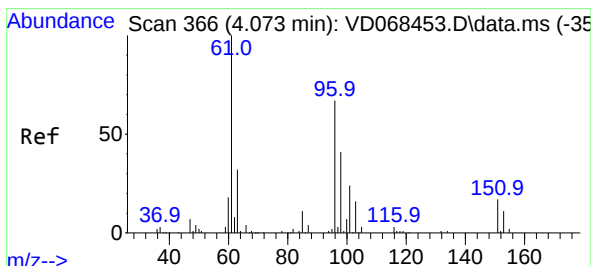
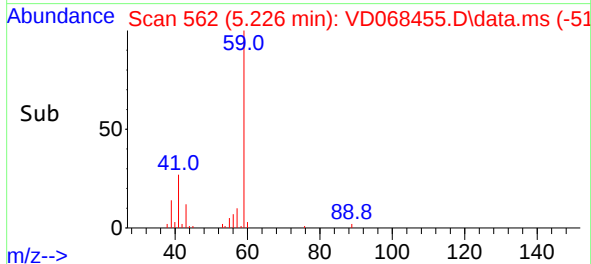
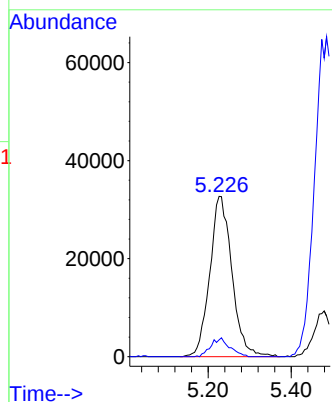
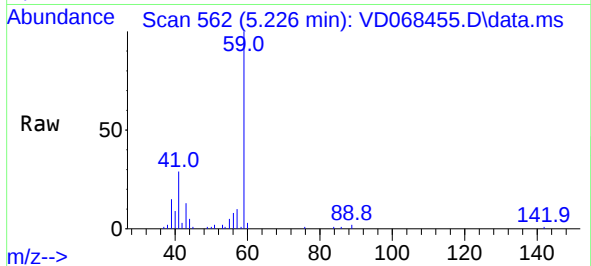




#11  
Tert butyl alcohol  
Concen: 698.90 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

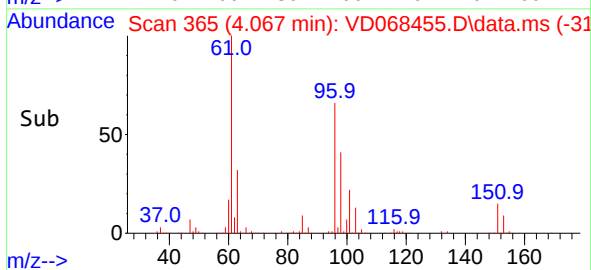
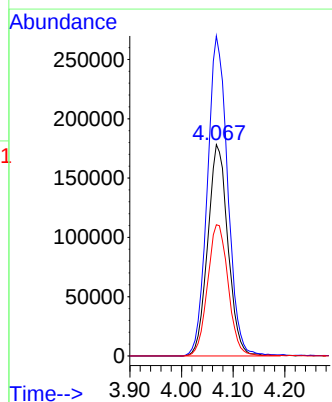
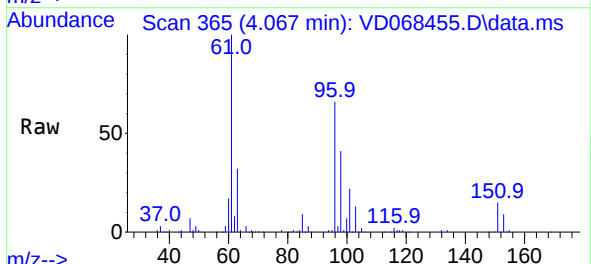
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

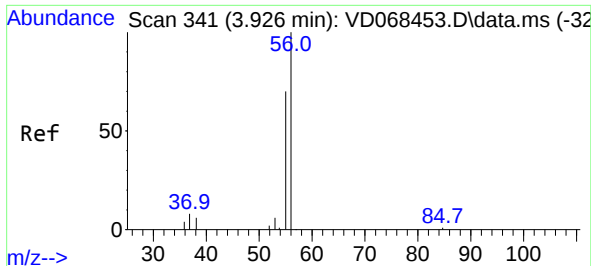
Tgt Ion: 59 Resp: 121072  
Ion Ratio Lower Upper  
59 100  
57 10.0 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 147.69 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 96 Resp: 484358  
Ion Ratio Lower Upper  
96 100  
61 151.4 116.2 174.4  
98 62.1 48.6 73.0

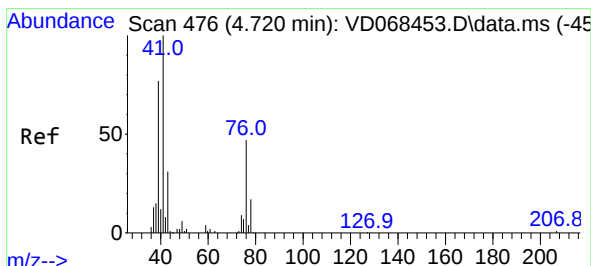
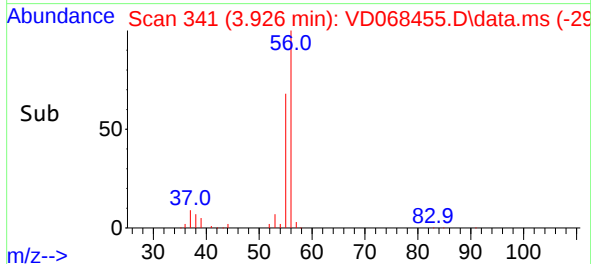
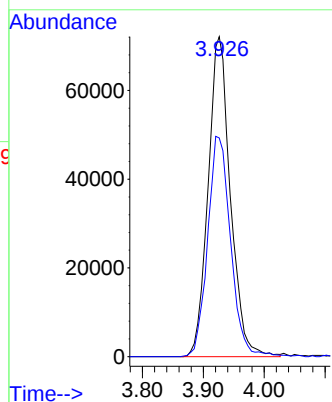
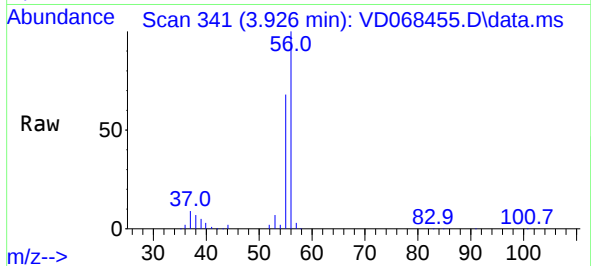




#13  
Acrolein  
Concen: 887.68 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

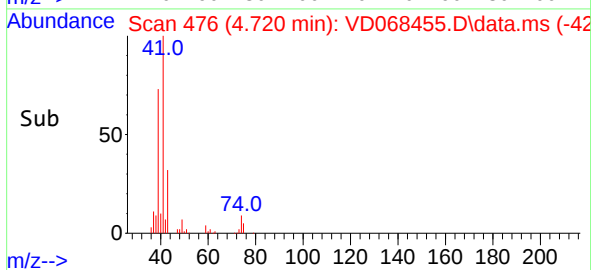
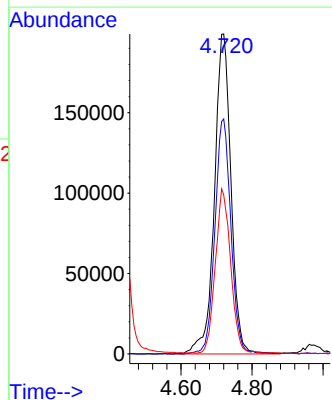
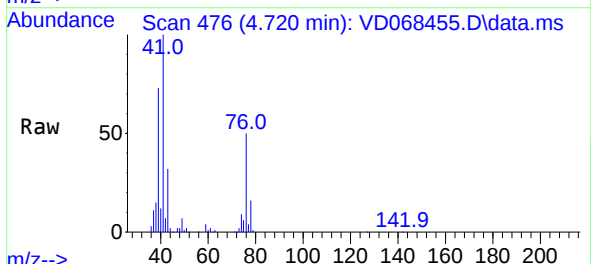
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

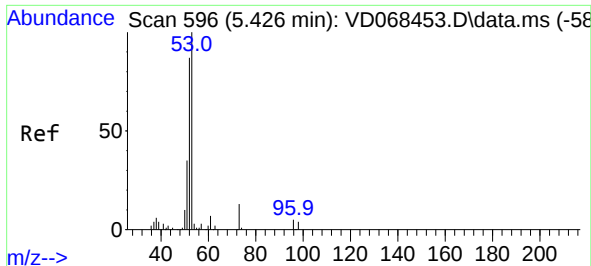
Tgt Ion: 56 Resp: 183275  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.5 84.7



#14  
Allyl chloride  
Concen: 151.03 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 41 Resp: 642643  
Ion Ratio Lower Upper  
41 100  
39 71.0 56.3 84.5  
76 47.2 38.9 58.3

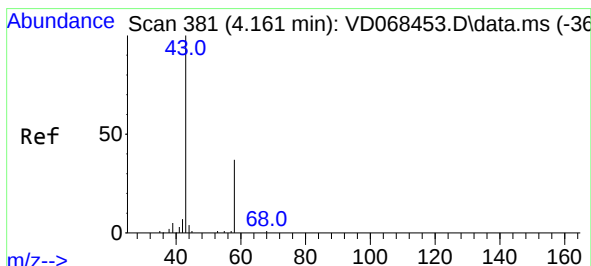
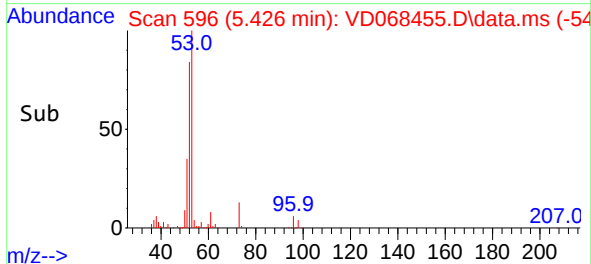
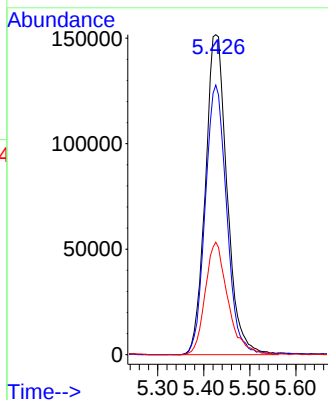
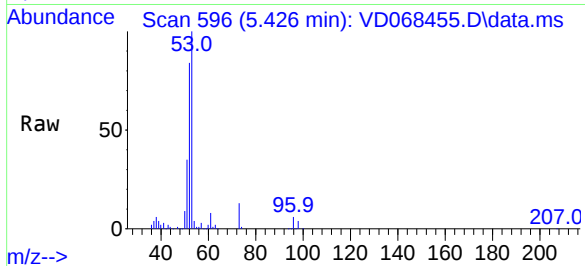




#15  
Acrylonitrile  
Concen: 716.19 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

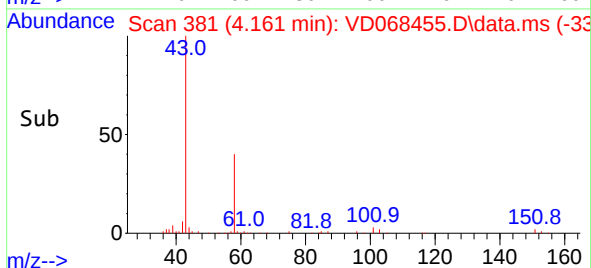
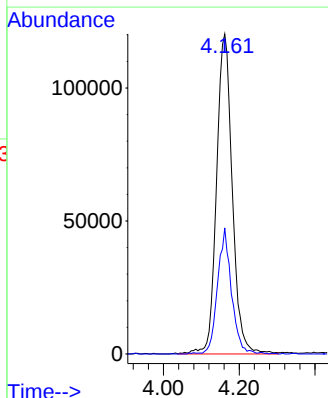
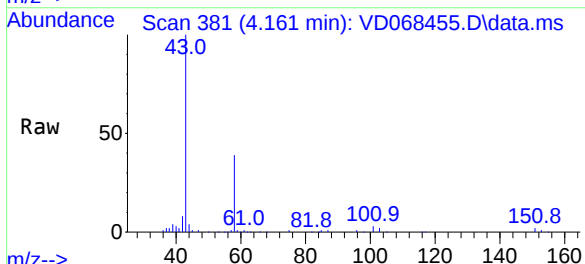
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

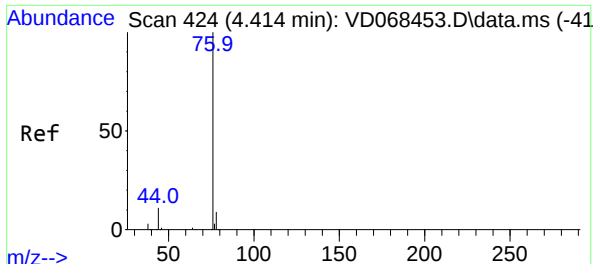
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 498568 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.1  | 66.2  | 99.2   |
| 51       | 36.6  | 29.0  | 43.4   |



#16  
Acetone  
Concen: 648.49 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 348231 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 39.4  | 24.2  | 36.4#  |

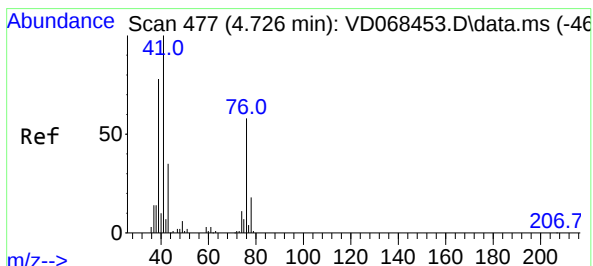
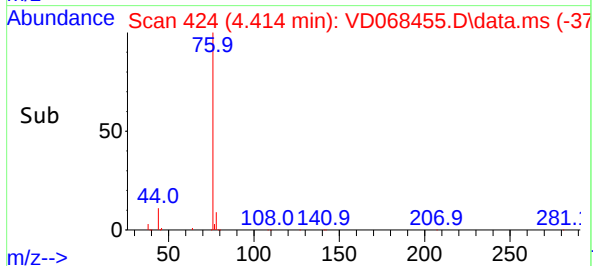
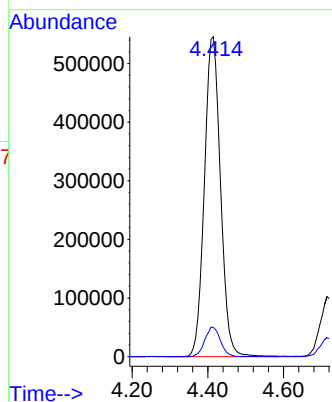
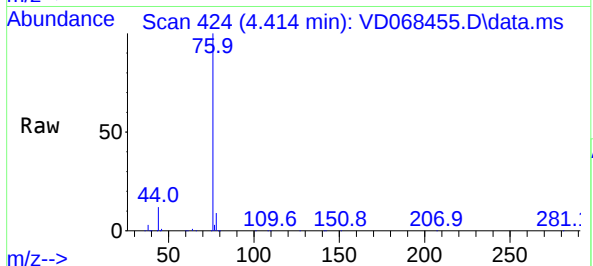




#17  
Carbon Disulfide  
Concen: 164.47 ug/l  
RT: 4.414 min Scan# 424  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

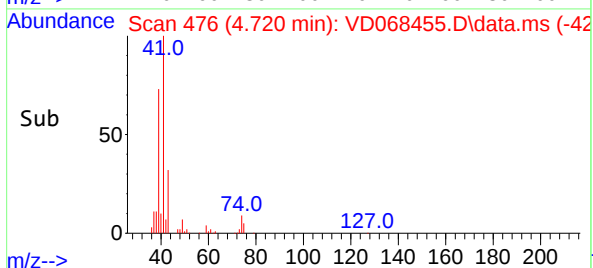
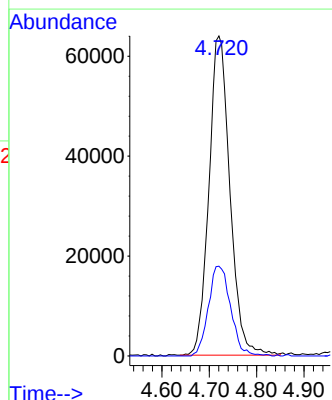
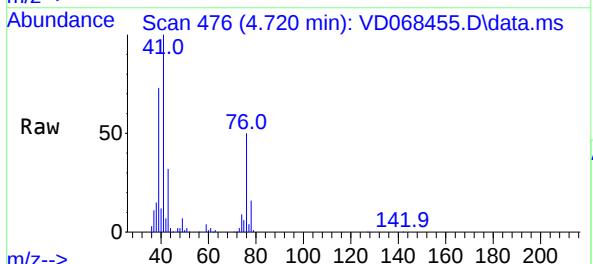
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

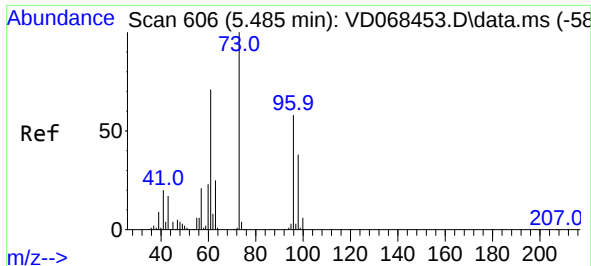
Tgt Ion: 76 Resp: 1607148  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 135.19 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 43 Resp: 196684  
Ion Ratio Lower Upper  
43 100  
74 29.8 25.4 38.0

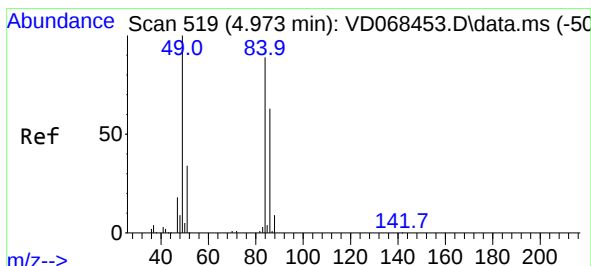
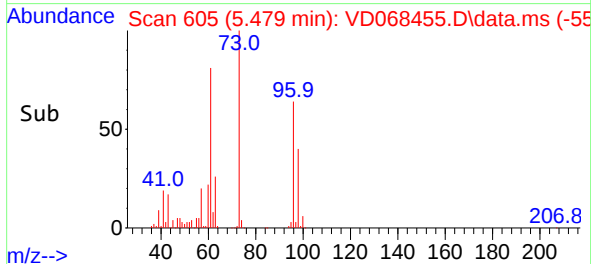
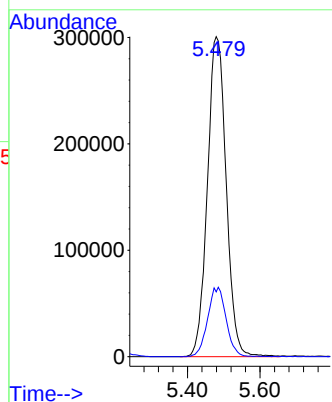
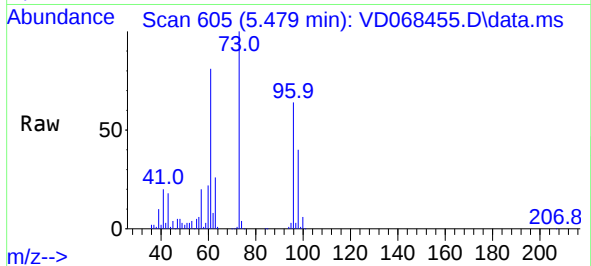




#19  
Methyl tert-butyl Ether  
Concen: 148.32 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

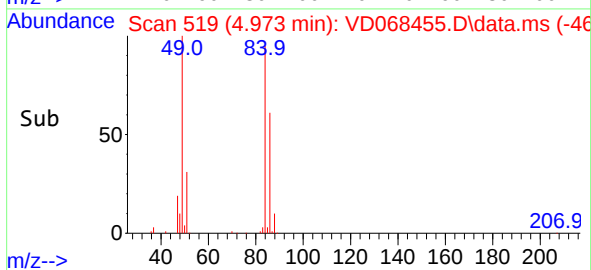
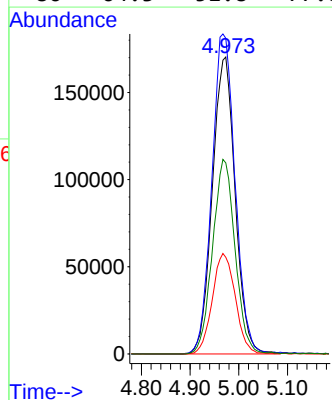
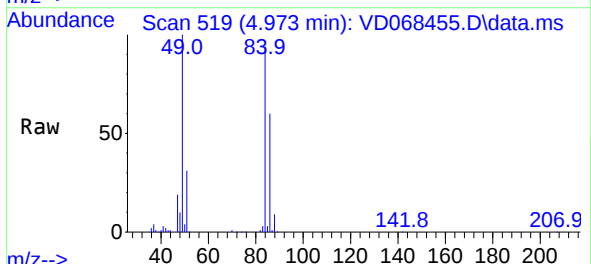
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

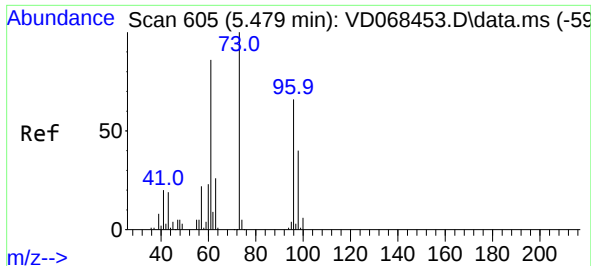
Tgt Ion: 73 Resp: 1082745  
Ion Ratio Lower Upper  
73 100  
57 20.3 14.4 21.6



#20  
Methylene Chloride  
Concen: 128.61 ug/l  
RT: 4.973 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 84 Resp: 555217  
Ion Ratio Lower Upper  
84 100  
49 106.3 77.4 116.2  
51 32.6 26.1 39.1  
86 64.3 51.8 77.8

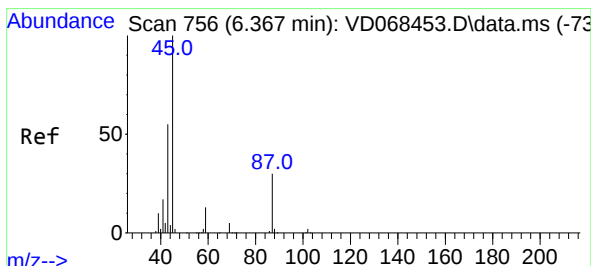
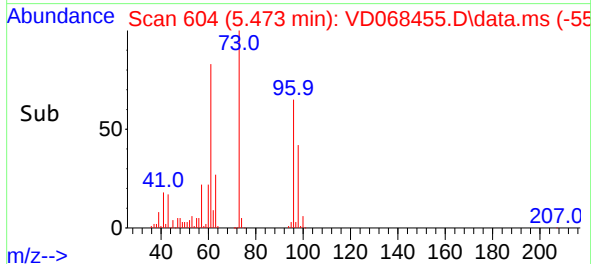
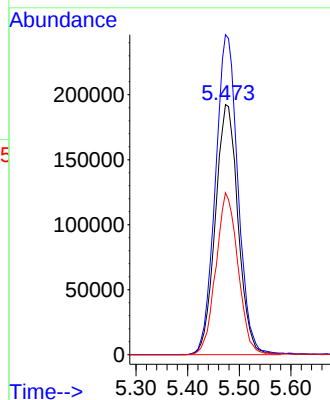
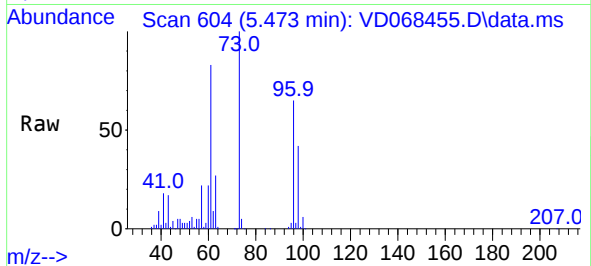




#21  
trans-1,2-Dichloroethene  
Concen: 154.04 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

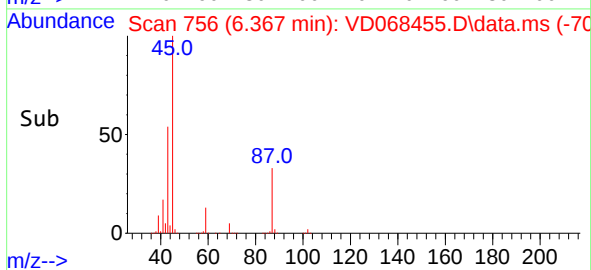
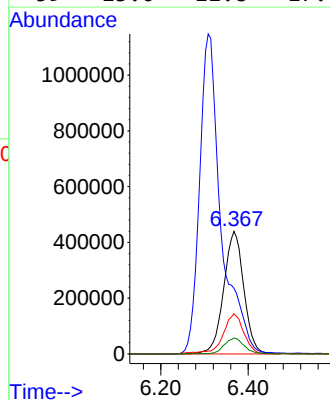
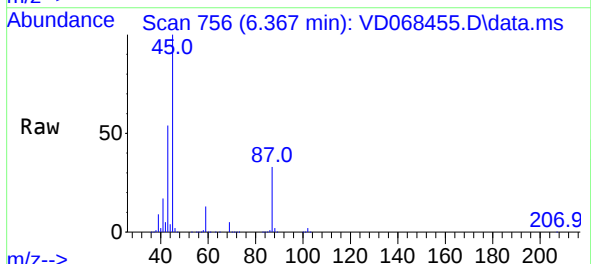
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

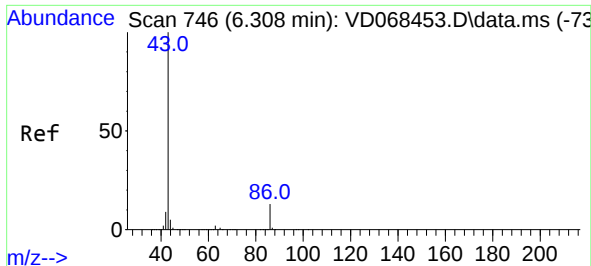
Tgt Ion: 96 Resp: 587417  
Ion Ratio Lower Upper  
96 100  
61 128.0 96.7 145.1  
98 64.8 47.6 71.4



#22  
Diisopropyl ether  
Concen: 149.61 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 45 Resp: 1405898  
Ion Ratio Lower Upper  
45 100  
43 53.2 43.9 65.9  
87 32.6 29.9 44.9  
59 13.0 11.8 17.8

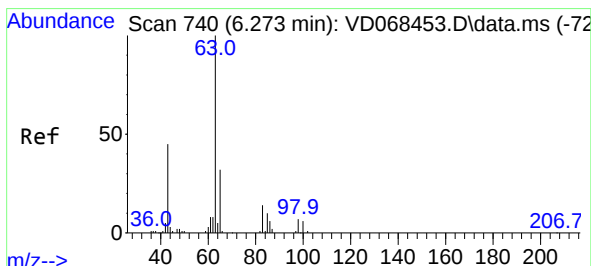
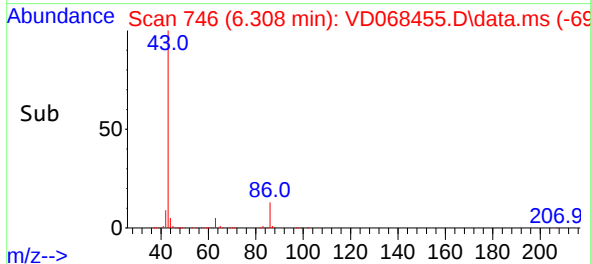
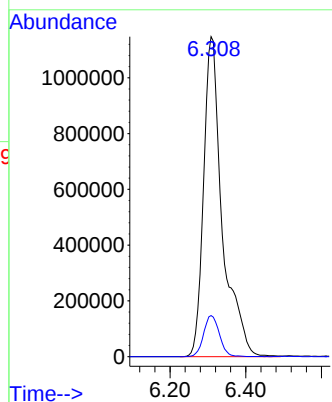
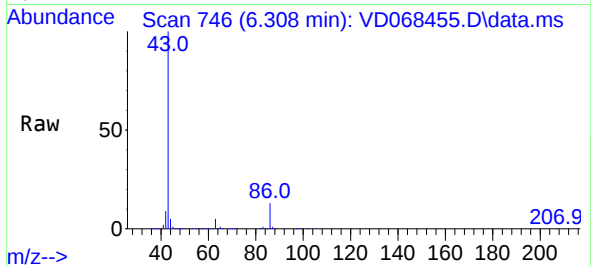




#23  
 Vinyl Acetate  
 Concen: 812.86 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068455.D  
 Acq: 26 Feb 2021 13:21

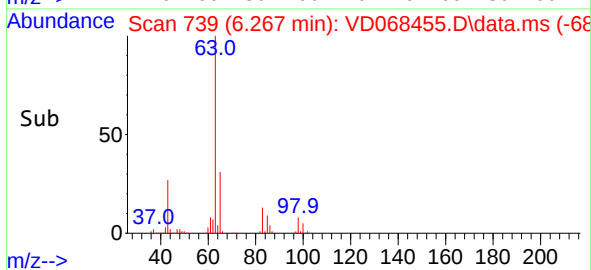
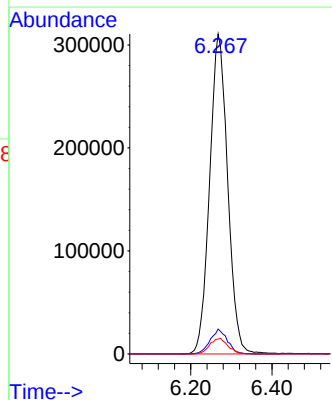
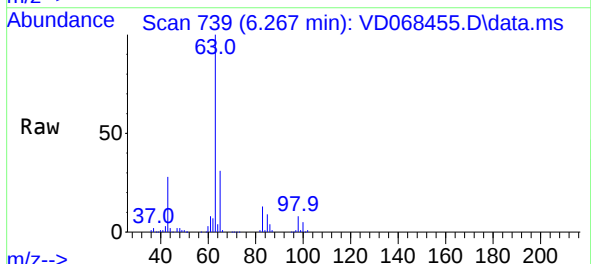
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

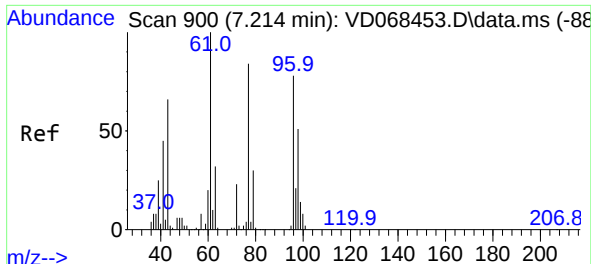
Tgt Ion: 43 Resp: 3932355  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 149.09 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068455.D  
 Acq: 26 Feb 2021 13:21

Tgt Ion: 63 Resp: 957037  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.8 11.4  
 100 4.7 2.6 8.0

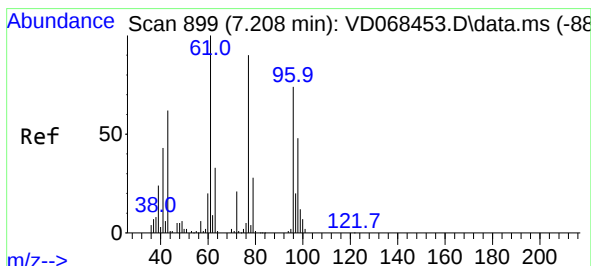
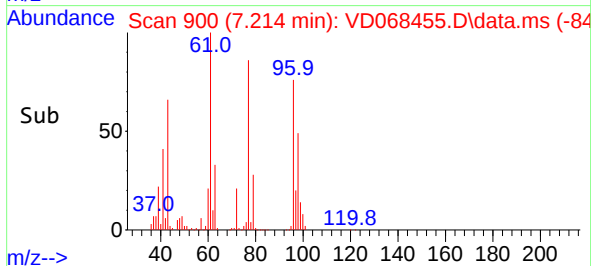
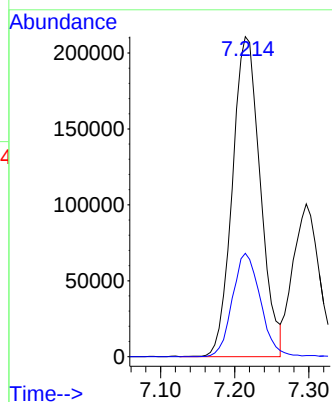
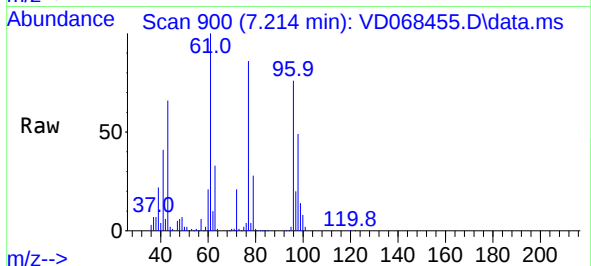




#25  
2-Butanone  
Concen: 733.97 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

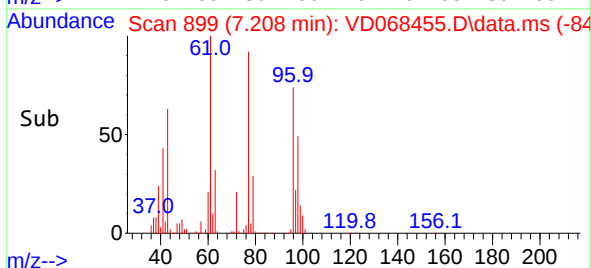
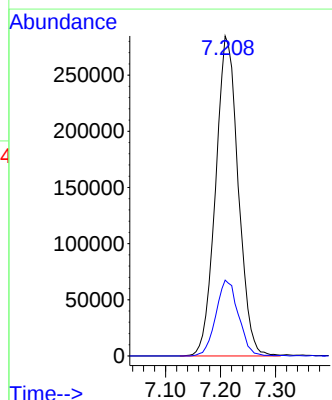
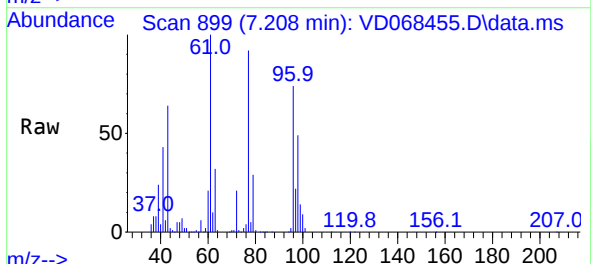
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

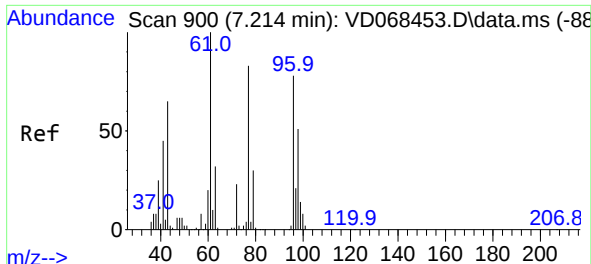
Tgt Ion: 43 Resp: 551717  
Ion Ratio Lower Upper  
43 100  
72 32.3 25.1 37.7



#26  
2,2-Dichloropropane  
Concen: 148.62 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

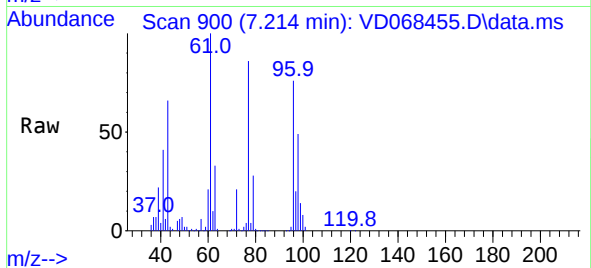
Tgt Ion: 77 Resp: 814530  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.7 35.1





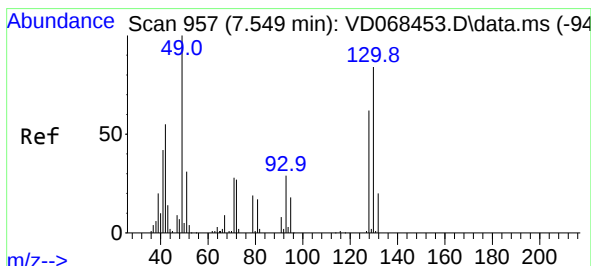
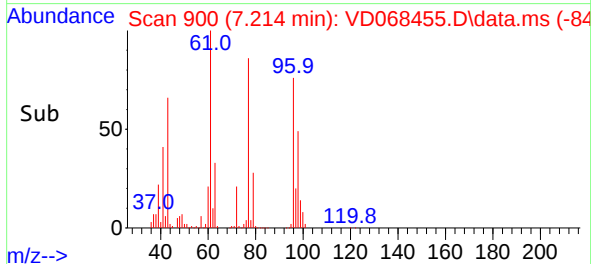
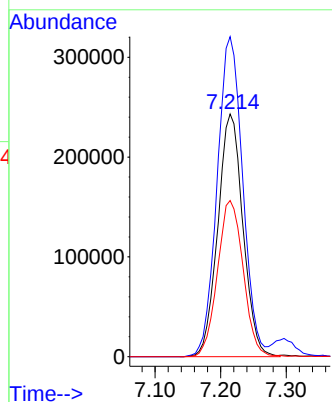
#27  
cis-1,2-Dichloroethene  
Concen: 150.11 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



Tgt Ion: 96 Resp: 646798

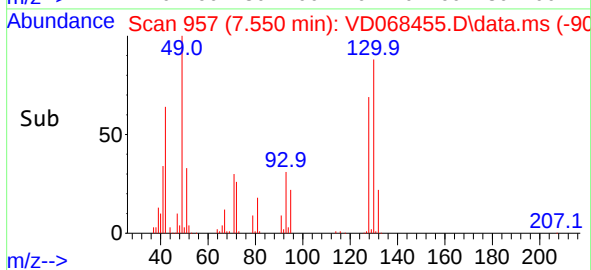
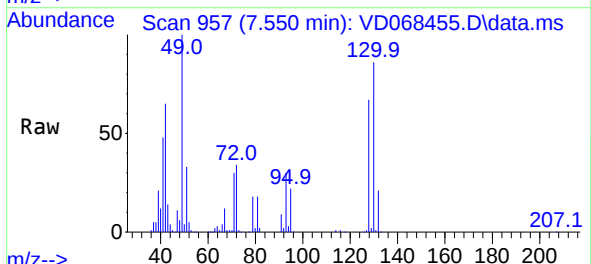
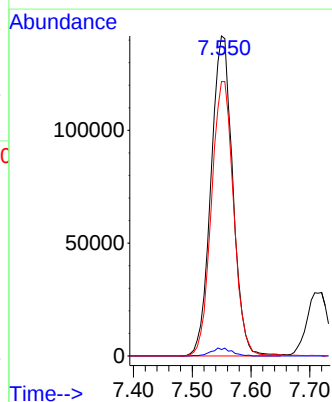
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.8 | 0.0   | 257.4 |
| 98  | 65.8  | 0.0   | 126.6 |

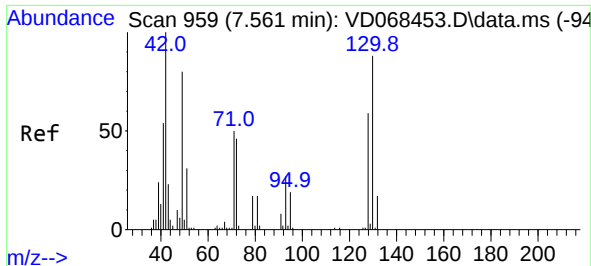


#28  
Bromochloromethane  
Concen: 138.39 ug/l  
RT: 7.550 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 49 Resp: 363835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 4.8   |
| 130 | 87.1  | 85.5  | 128.3 |





#29

Tetrahydrofuran

Concen: 733.23 ug/l

RT: 7.567 min Scan# 960

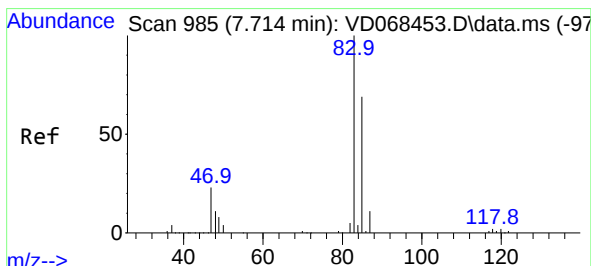
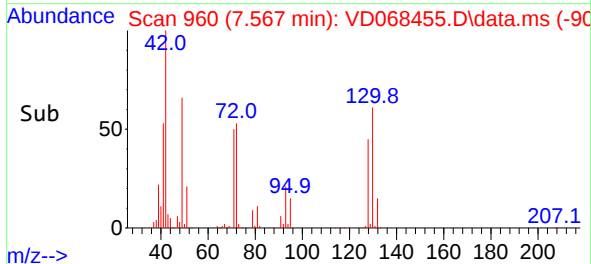
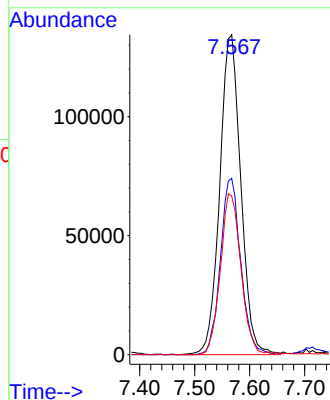
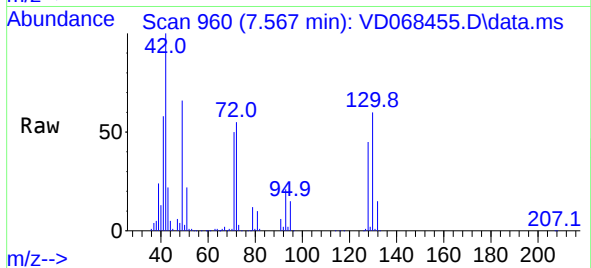
Delta R.T. 0.006 min

Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Tgt Ion: 42 Resp: 358391

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 53.4  | 43.4  | 65.0  |
| 71  | 49.1  | 40.8  | 61.2  |



#30

Chloroform

Concen: 149.45 ug/l

RT: 7.714 min Scan# 985

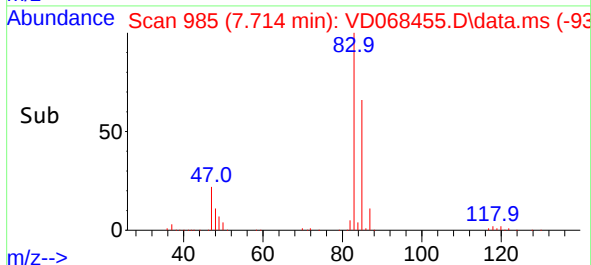
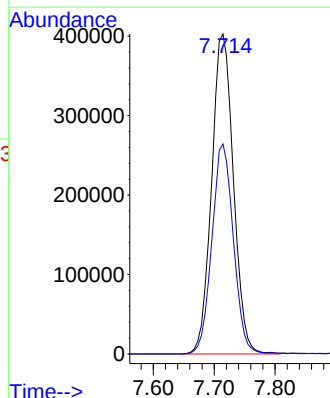
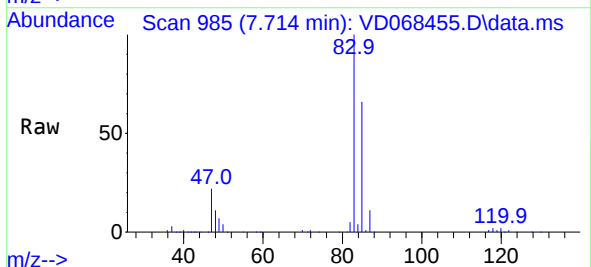
Delta R.T. 0.000 min

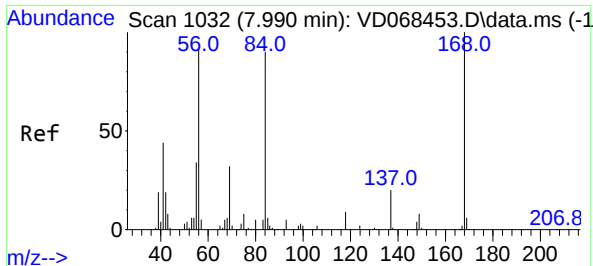
Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Tgt Ion: 83 Resp: 1001127

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.7  | 53.4  | 80.0  |





#31

Cyclohexane

Concen: 143.97 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

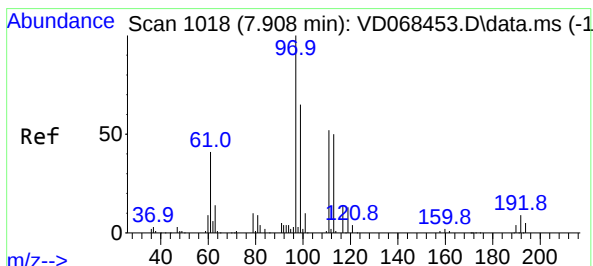
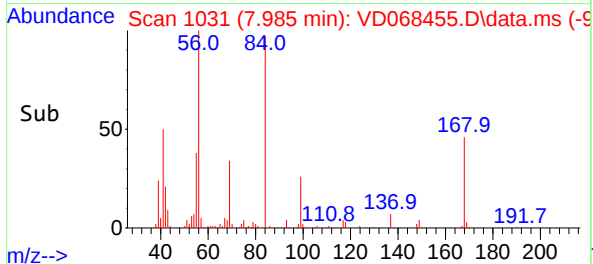
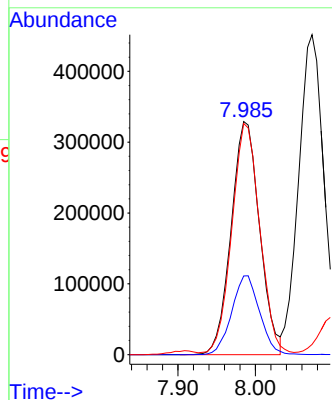
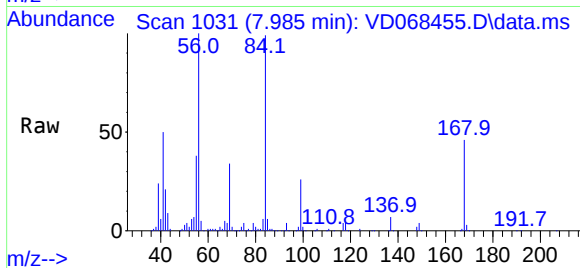
Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion: 56 Resp: 841612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 33.8  | 30.1  | 45.1  |
| 84  | 97.9  | 82.1  | 123.1 |



#32

1,1,1-Trichloroethane

Concen: 151.50 ug/l

RT: 7.908 min Scan# 1018

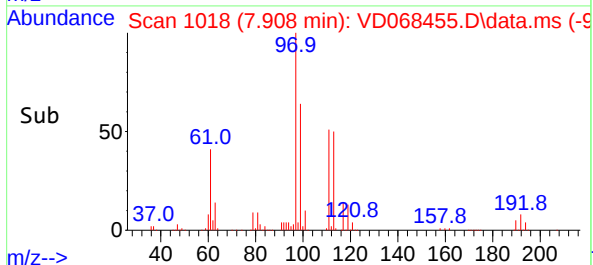
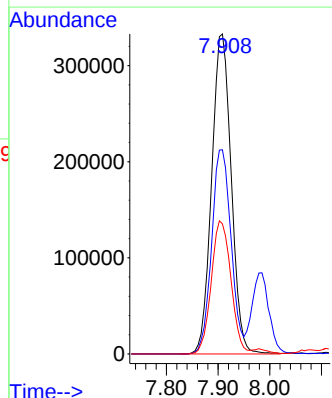
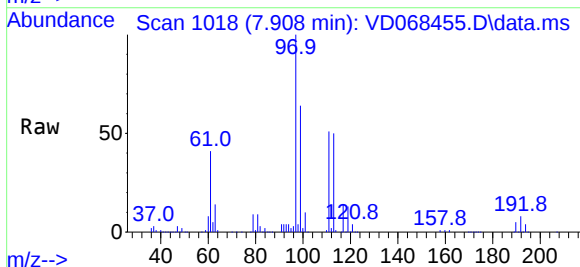
Delta R.T. 0.000 min

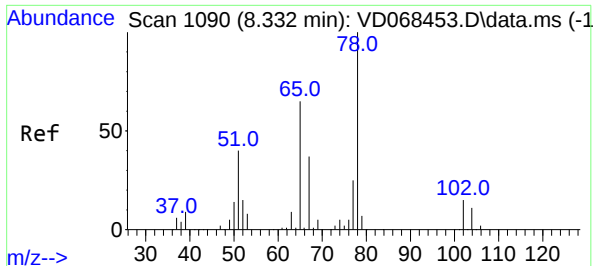
Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Tgt Ion: 97 Resp: 874942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.6  | 52.1  | 78.1  |
| 61  | 41.8  | 30.1  | 45.1  |

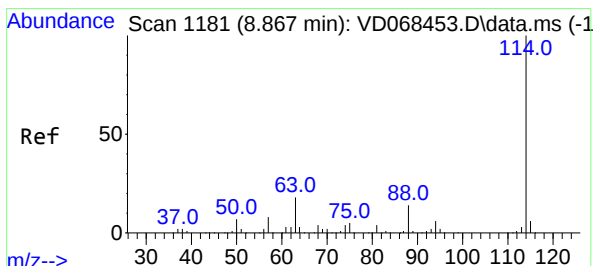
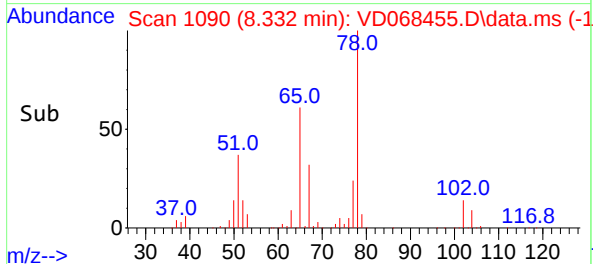
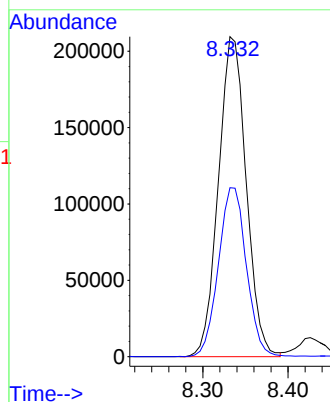
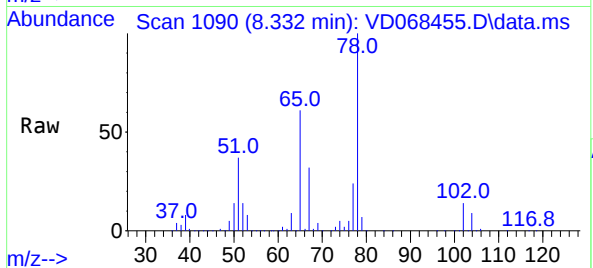




#33  
1,2-Dichloroethane-d4  
Concen: 138.54 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

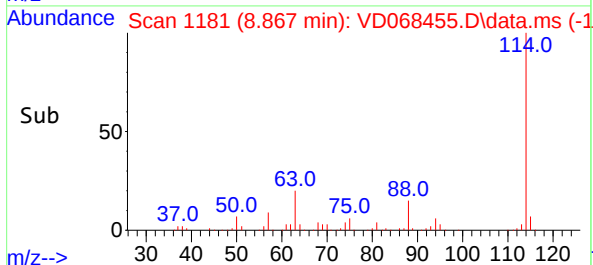
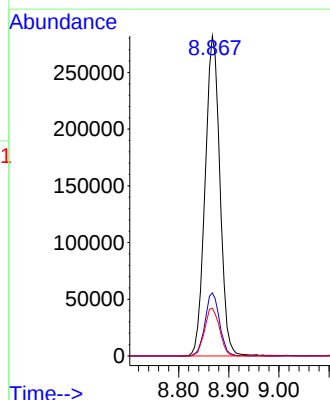
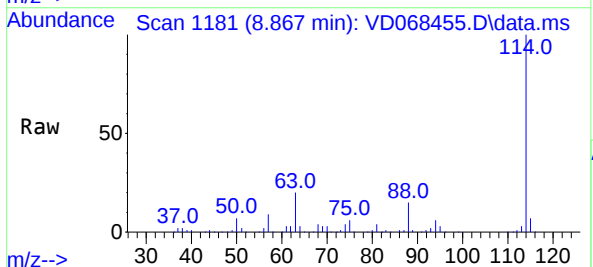
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

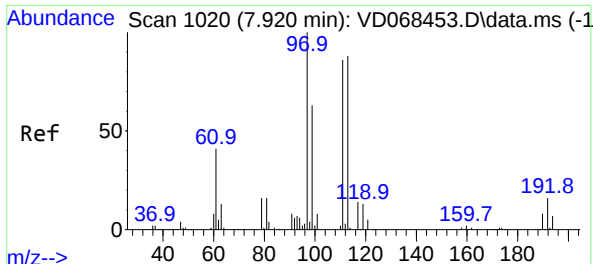
Tgt Ion: 65 Resp: 475290  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 114 Resp: 578937  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 34.8  
88 14.9 0.0 31.6

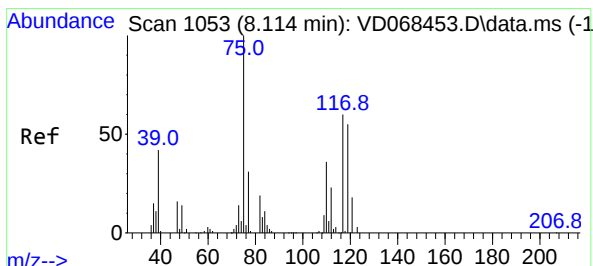
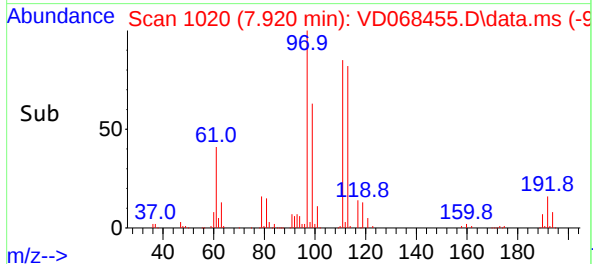
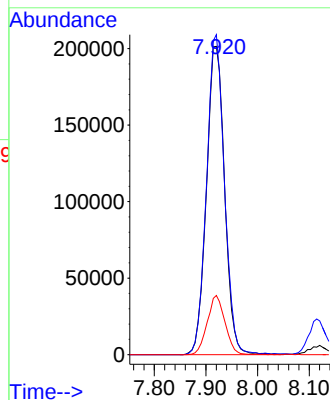
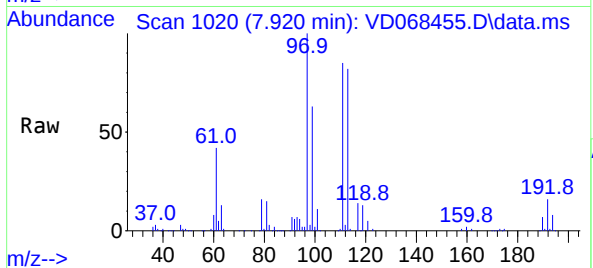




#35  
Dibromofluoromethane  
Concen: 144.11 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

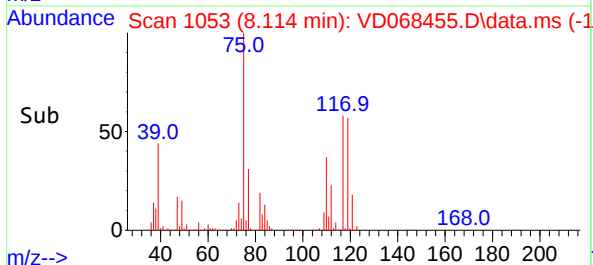
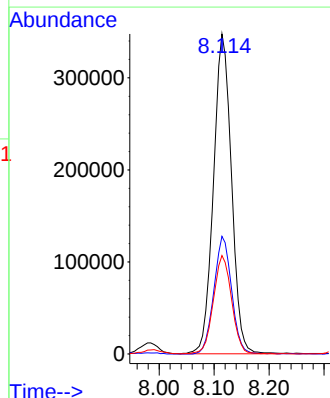
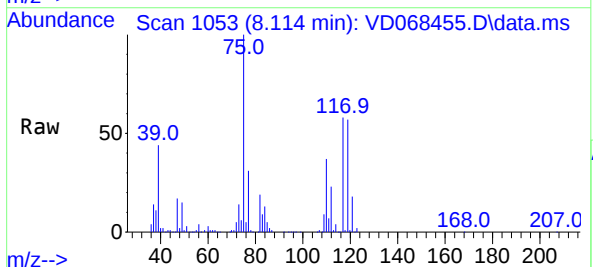
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

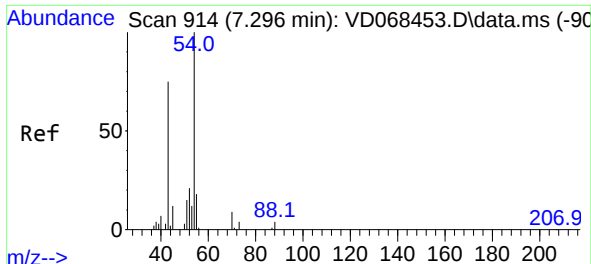
Tgt Ion:113 Resp: 492641  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.4 122.0  
192 18.7 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 150.92 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 75 Resp: 791826  
Ion Ratio Lower Upper  
75 100  
110 36.1 19.4 58.2  
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 148.01 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

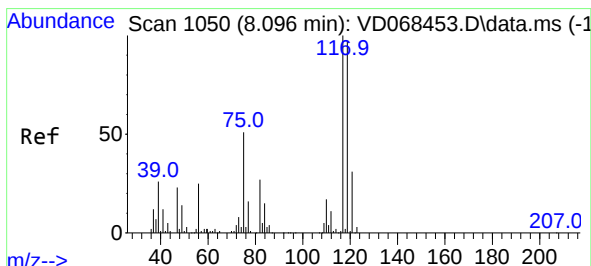
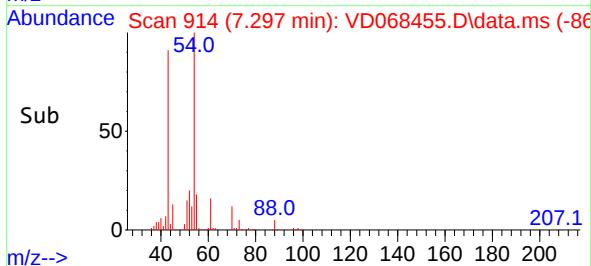
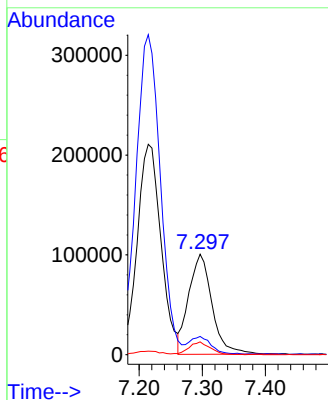
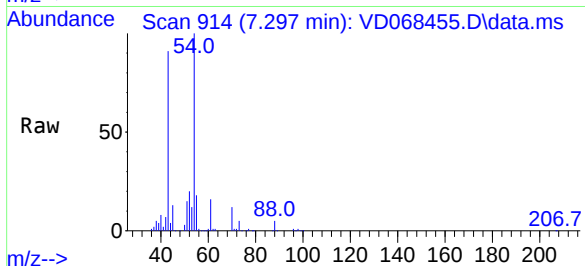
Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion: 43 Resp: 257483

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.9  | 12.9  | 19.3  |
| 70  | 11.8  | 11.0  | 16.6  |



#38

Carbon Tetrachloride

Concen: 151.93 ug/l

RT: 8.097 min Scan# 1050

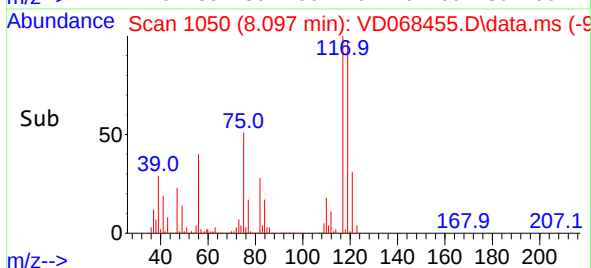
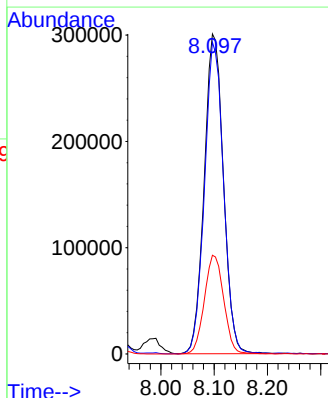
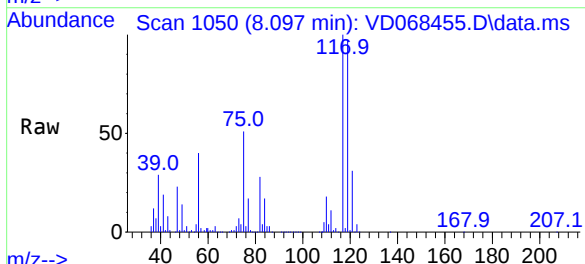
Delta R.T. 0.000 min

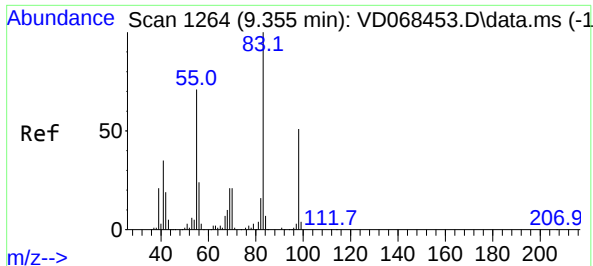
Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Tgt Ion: 117 Resp: 754172

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.5  | 77.3  | 115.9 |
| 121 | 30.9  | 24.7  | 37.1  |





#39

Methylcyclohexane

Concen: 158.31 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Instrument :

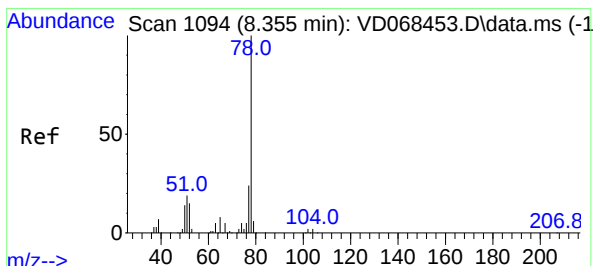
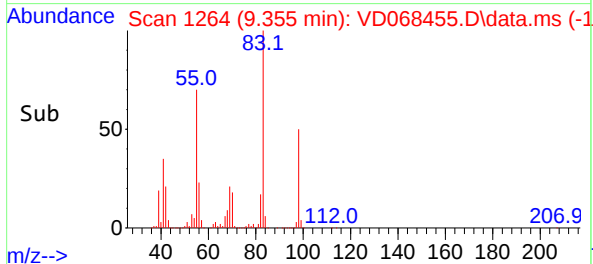
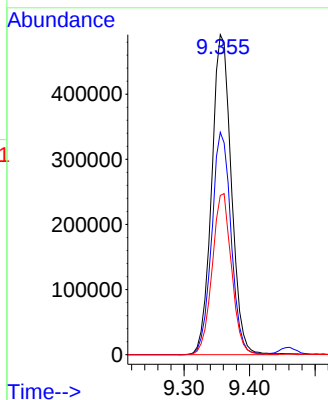
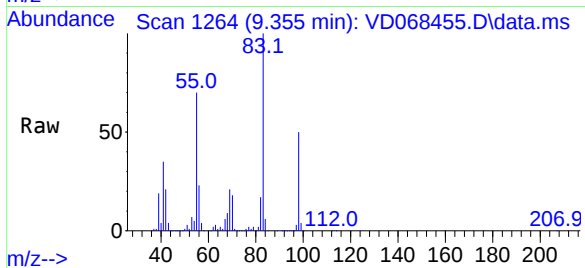
MSVOA\_D

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1022050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 69.5  | 55.2  | 82.8  |
| 98  | 49.7  | 39.1  | 58.7  |



#40

Benzene

Concen: 154.79 ug/l

RT: 8.355 min Scan# 1094

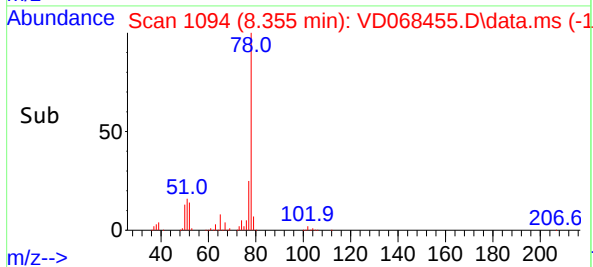
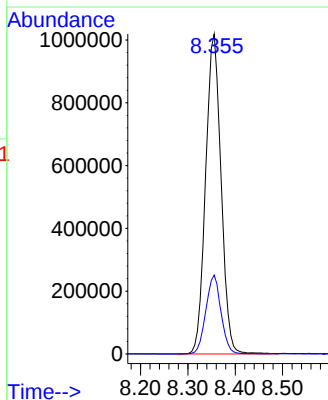
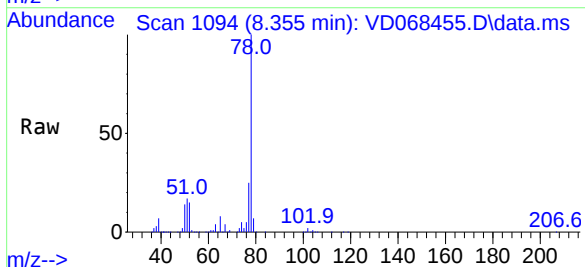
Delta R.T. 0.000 min

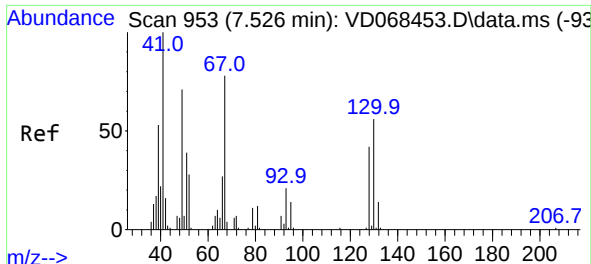
Lab File: VD068455.D

Acq: 26 Feb 2021 13:21

Tgt Ion: 78 Resp: 2304733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.7  | 17.8  | 26.6  |

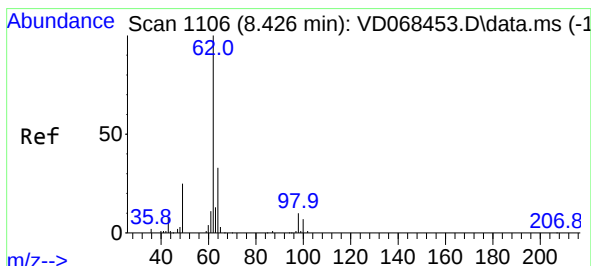
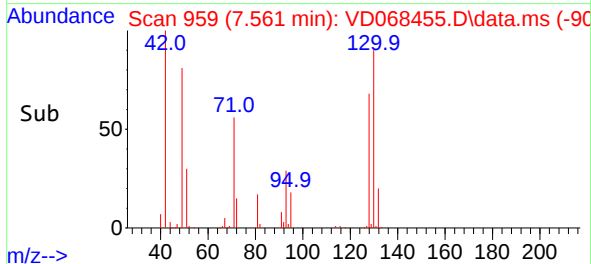
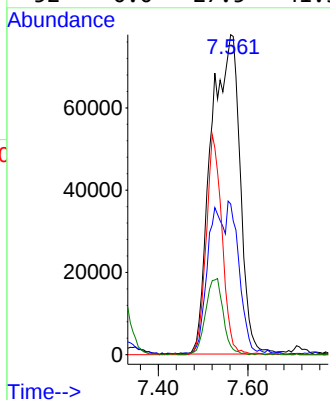
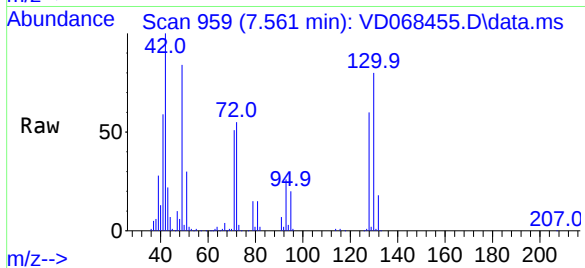




#41  
Methacrylonitrile  
Concen: 351.16 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. 0.036 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

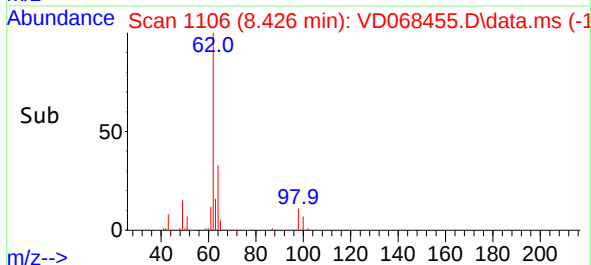
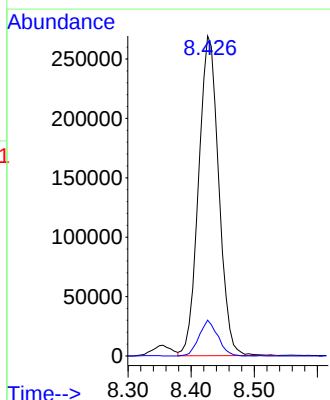
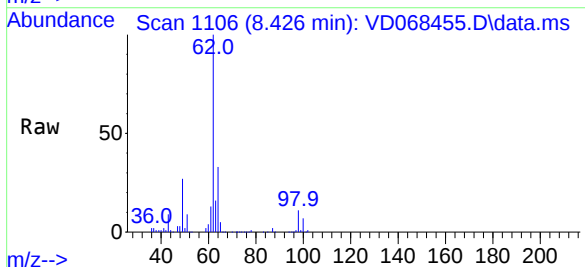
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

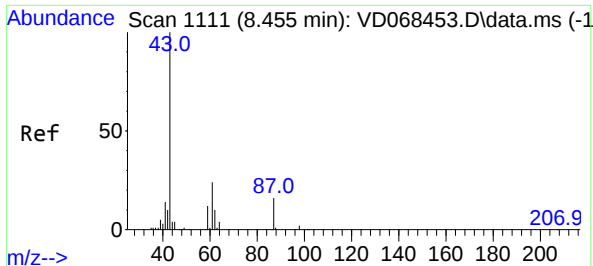
Tgt Ion: 41 Resp: 346313  
Ion Ratio Lower Upper  
41 100  
39 0.0 45.2 67.8#  
67 0.0 67.4 101.2#  
52 0.0 27.5 41.3#



#42  
1,2-Dichloroethane  
Concen: 150.48 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

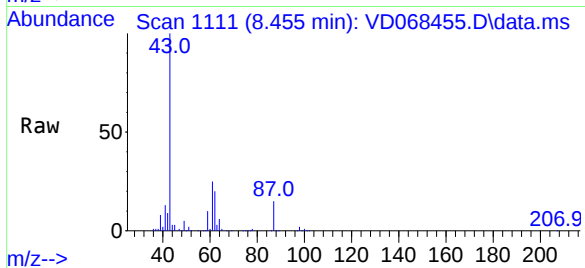
Tgt Ion: 62 Resp: 596366  
Ion Ratio Lower Upper  
62 100  
98 10.4 0.0 21.8



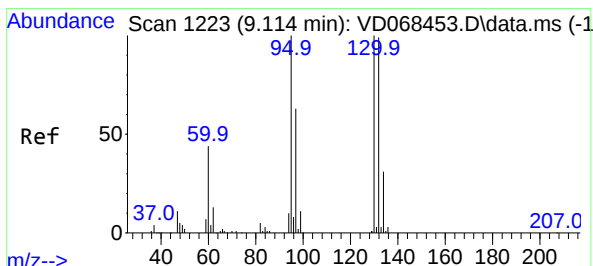
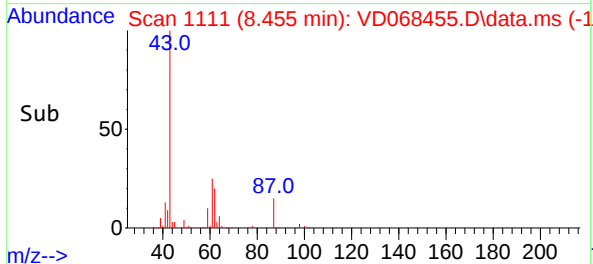
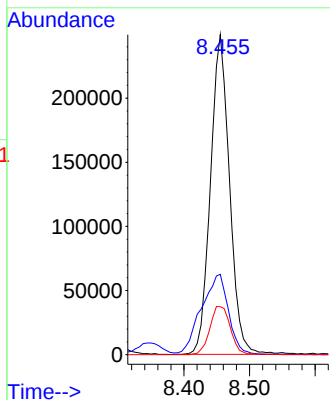


#43  
Isopropyl Acetate  
Concen: 151.52 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

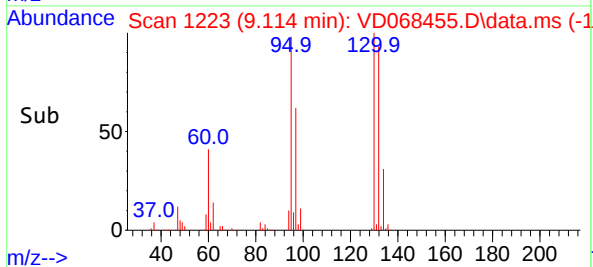
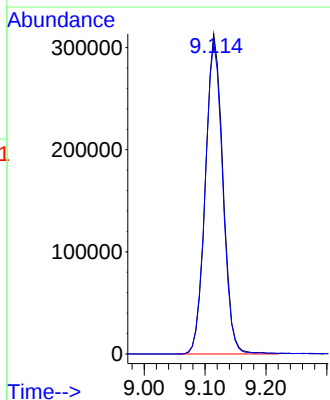
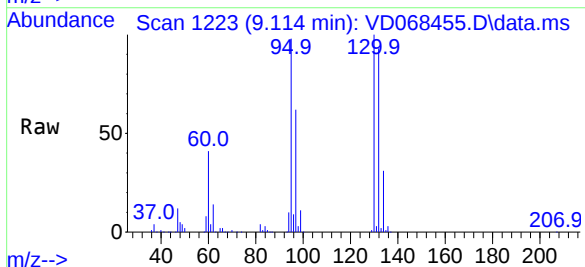


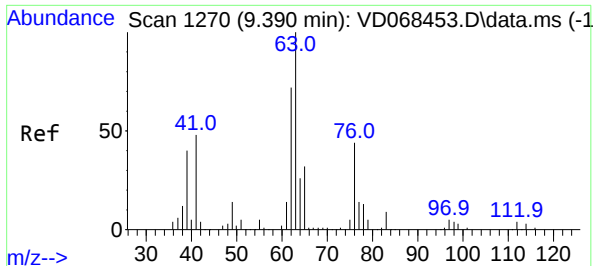
Tgt Ion: 43 Resp: 503737  
Ion Ratio Lower Upper  
43 100  
61 35.6 28.7 43.1  
87 16.3 13.9 20.9



#44  
Trichloroethene  
Concen: 154.22 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 130 Resp: 624911  
Ion Ratio Lower Upper  
130 100  
95 97.8 0.0 191.2



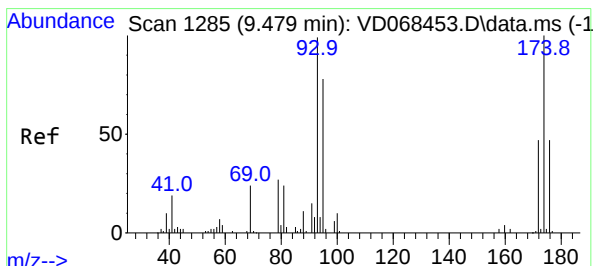
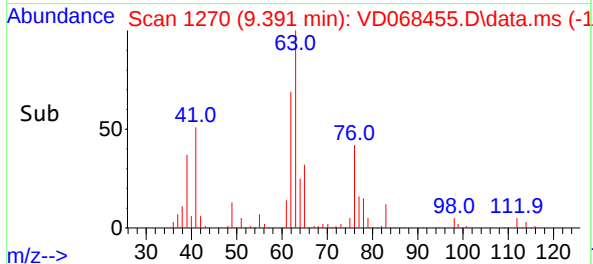
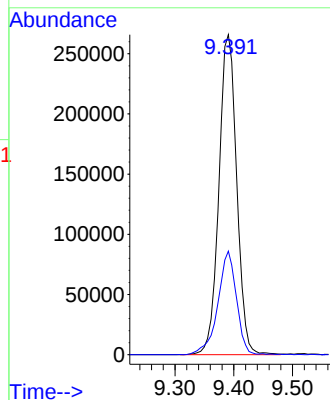
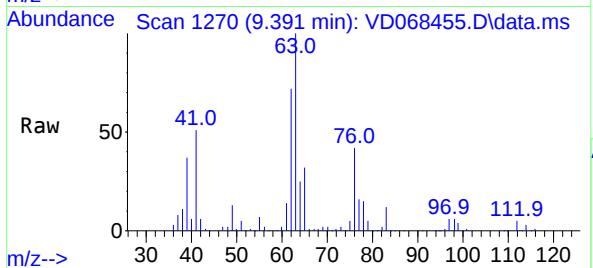


#45

1,2-Dichloropropane  
Concen: 153.84 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

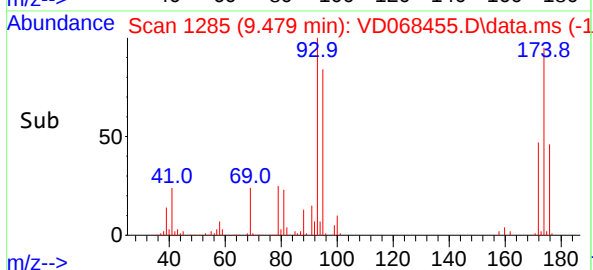
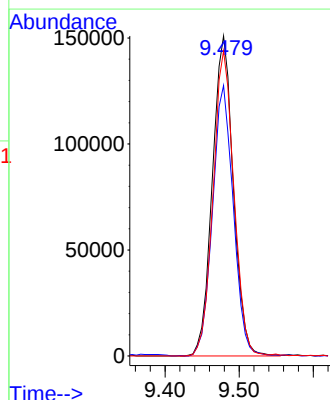
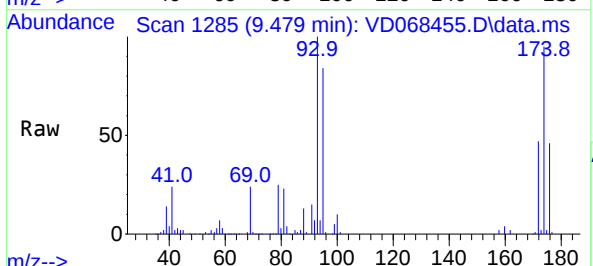
Tgt Ion: 63 Resp: 559182  
Ion Ratio Lower Upper  
63 100  
65 32.3 26.6 40.0

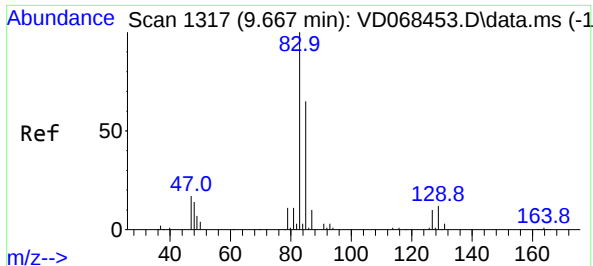


#46

Dibromomethane  
Concen: 151.74 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 93 Resp: 296895  
Ion Ratio Lower Upper  
93 100  
95 84.0 67.3 100.9  
174 94.5 84.6 127.0



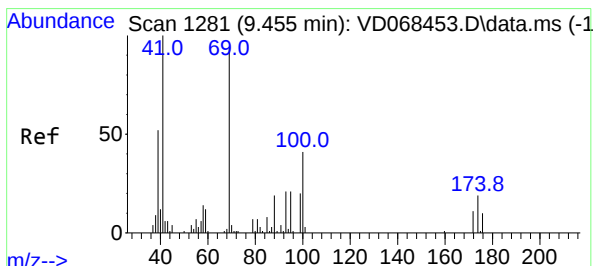
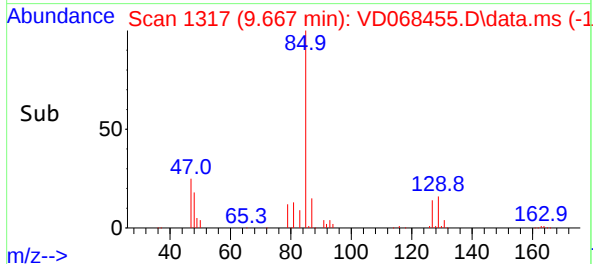
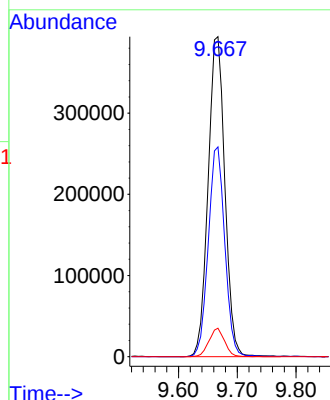
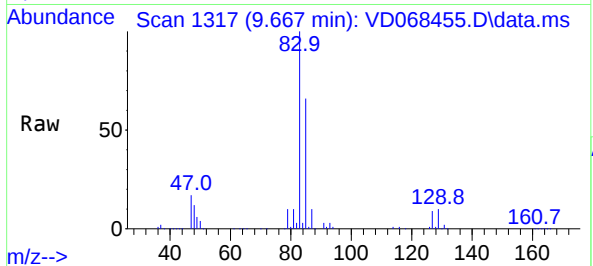


#47  
Bromodichloromethane  
Concen: 153.68 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion: 83 Resp: 779818

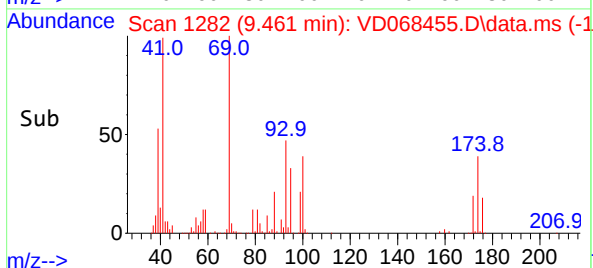
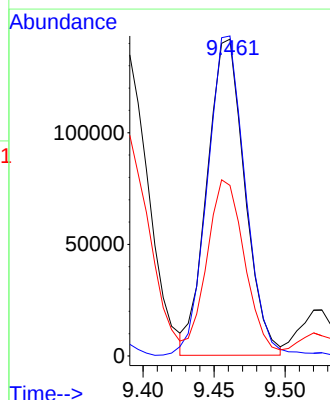
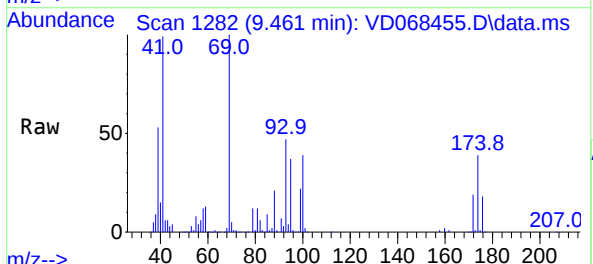
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.6  | 51.6  | 77.4  |
| 127 | 8.9   | 7.4   | 11.0  |

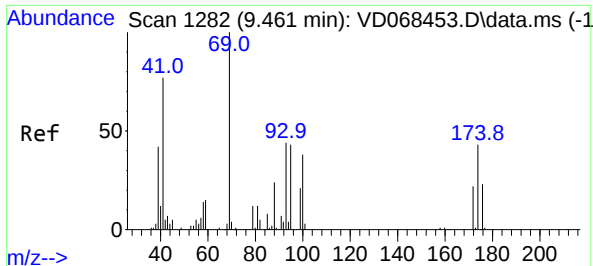


#48  
Methyl methacrylate  
Concen: 154.15 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 41 Resp: 261156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 102.8 | 77.1  | 115.7 |
| 39  | 52.1  | 41.5  | 62.3  |

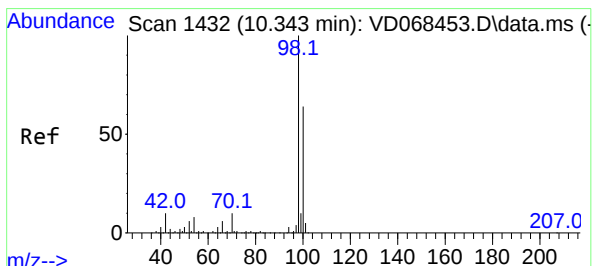
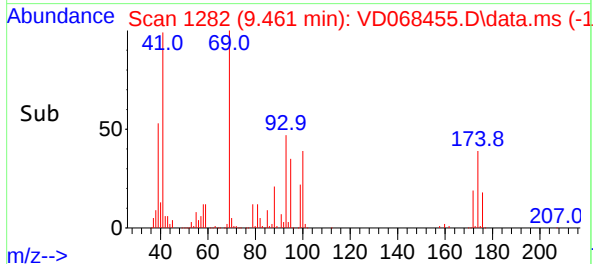
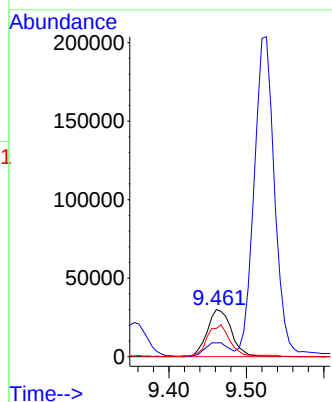
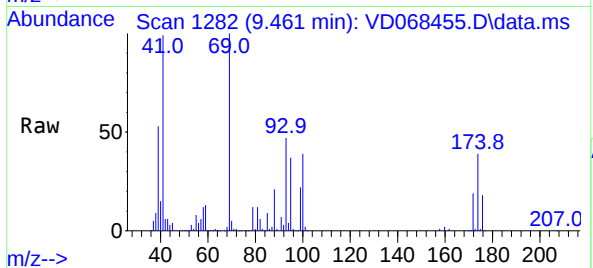




#49  
1,4-Dioxane  
Concen: 2868.15 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

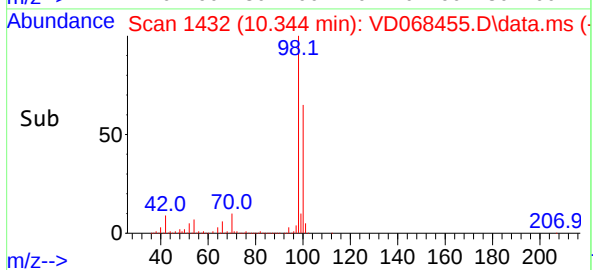
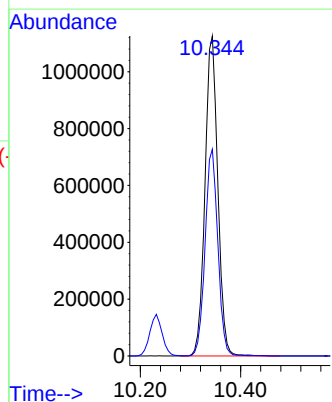
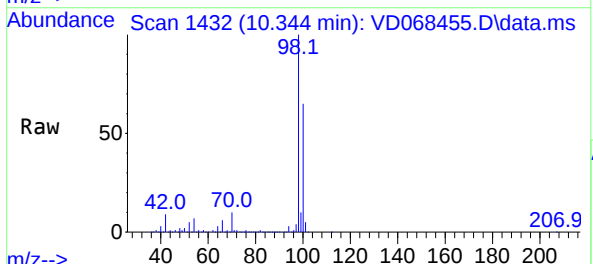
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

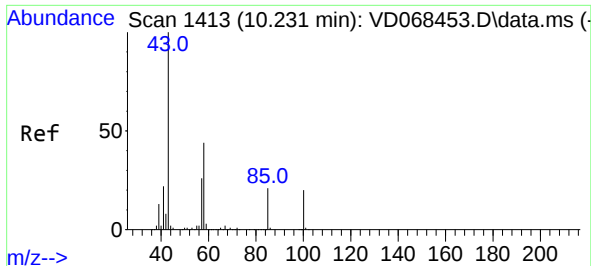
Tgt Ion: 88 Resp: 65072  
Ion Ratio Lower Upper  
88 100  
43 27.8 22.1 33.1  
58 64.4 46.7 70.1



#50  
Toluene-d8  
Concen: 141.47 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 98 Resp: 1994681  
Ion Ratio Lower Upper  
98 100  
100 64.5 53.0 79.4

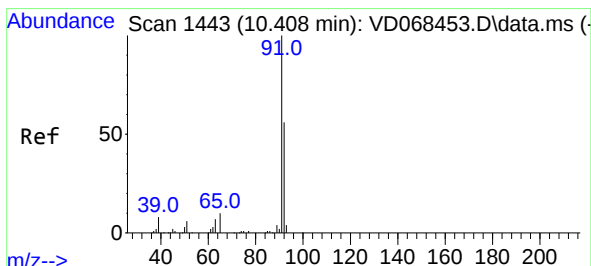
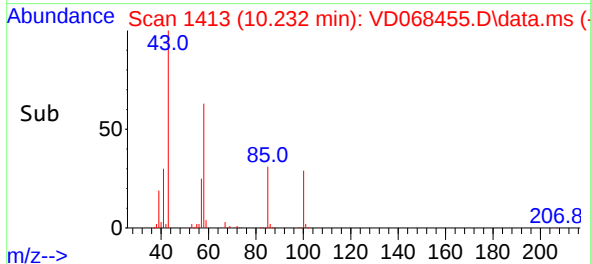
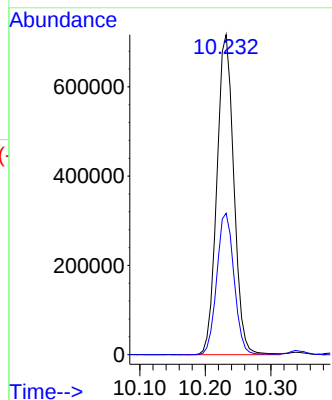
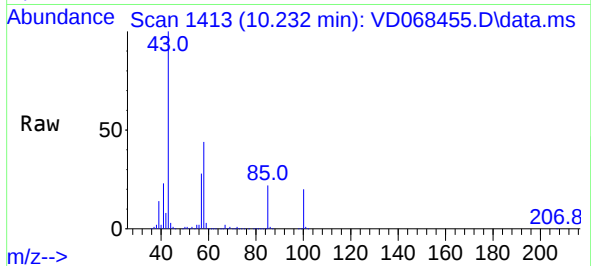




#51  
4-Methyl-2-Pentanone  
Concen: 749.22 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

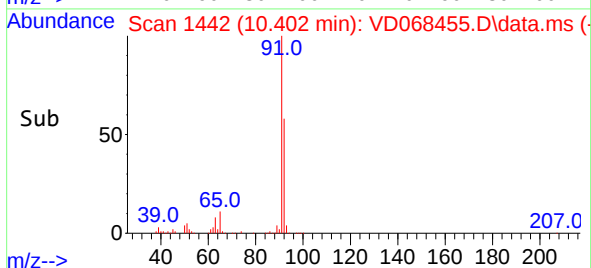
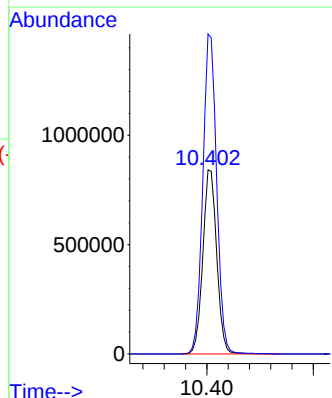
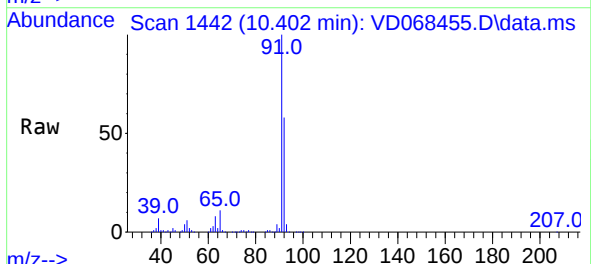
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

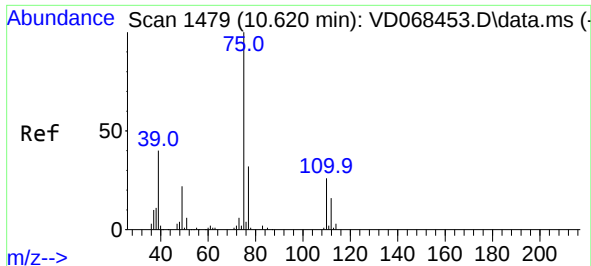
Tgt Ion: 43 Resp: 1284667  
Ion Ratio Lower Upper  
43 100  
58 45.0 36.1 54.1



#52  
Toluene  
Concen: 158.56 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 92 Resp: 1519252  
Ion Ratio Lower Upper  
92 100  
91 173.6 134.1 201.1

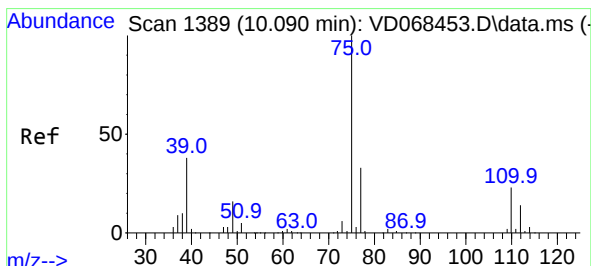
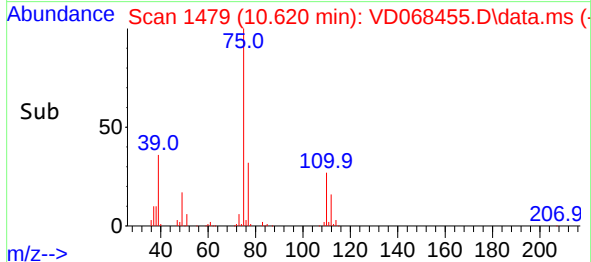
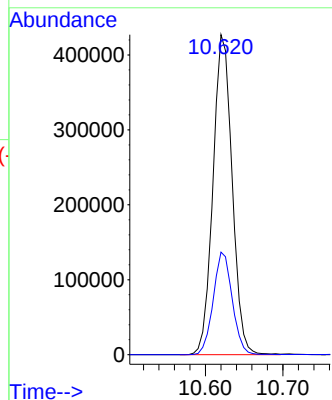
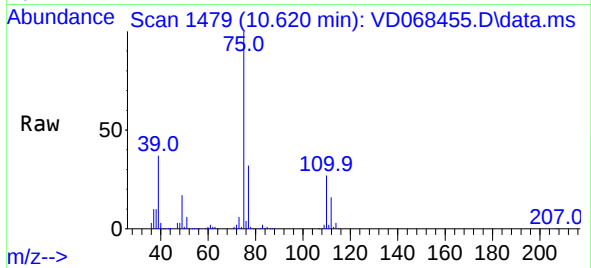




#53  
 t-1,3-Dichloropropene  
 Concen: 156.49 ug/l  
 RT: 10.620 min Scan# 1479  
 Delta R.T. 0.000 min  
 Lab File: VD068455.D  
 Acq: 26 Feb 2021 13:21

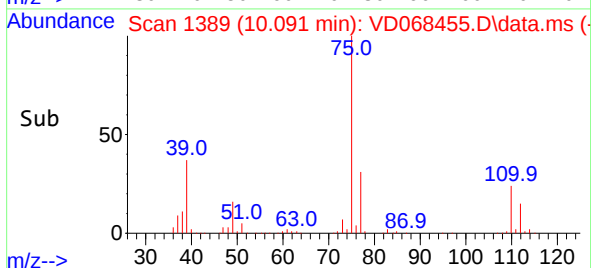
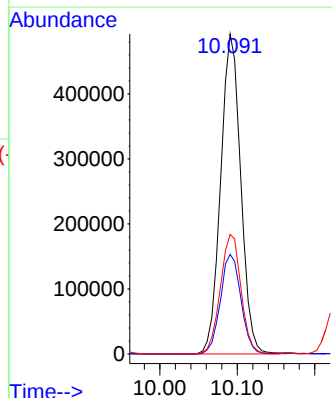
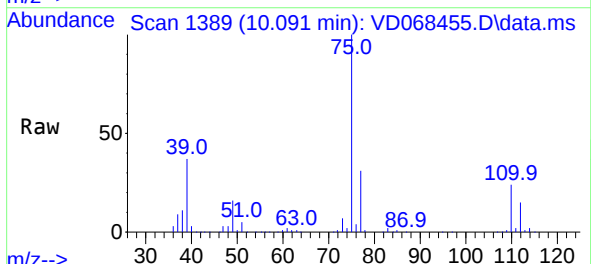
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

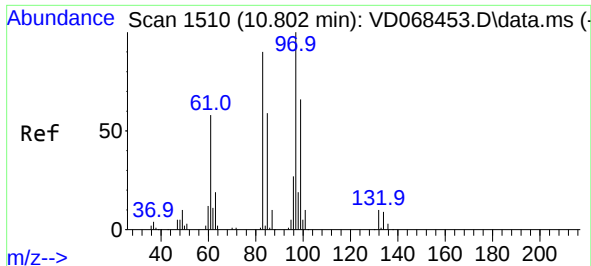
Tgt Ion: 75 Resp: 732594  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 153.79 ug/l  
 RT: 10.091 min Scan# 1389  
 Delta R.T. 0.000 min  
 Lab File: VD068455.D  
 Acq: 26 Feb 2021 13:21

Tgt Ion: 75 Resp: 885556  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 24.6 37.0  
 39 37.2 31.4 47.0

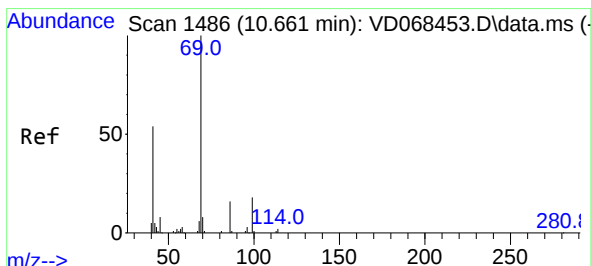
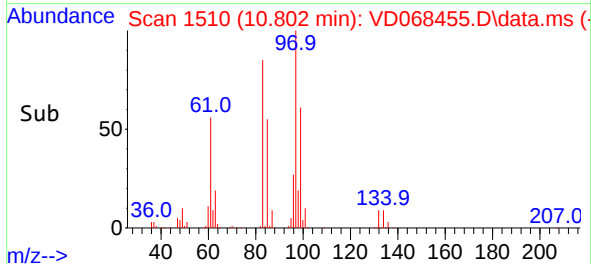
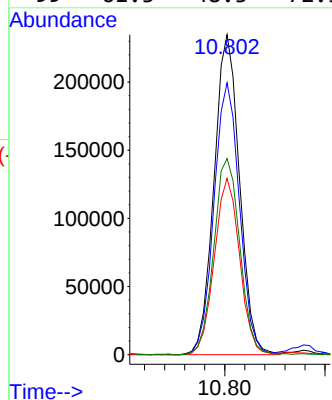
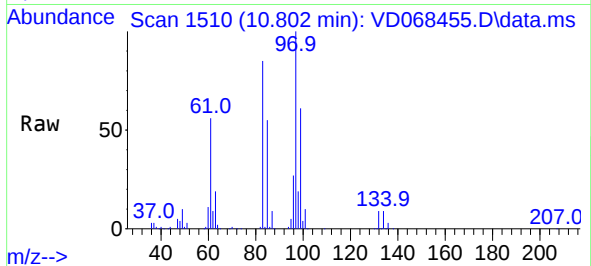




#55  
1,1,2-Trichloroethane  
Concen: 152.80 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

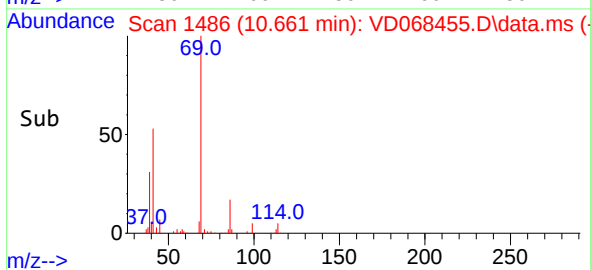
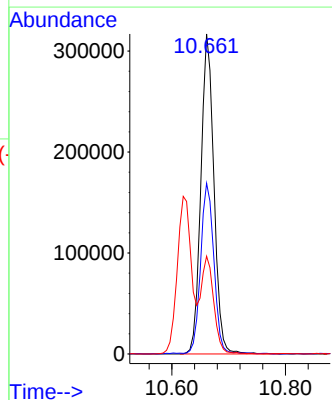
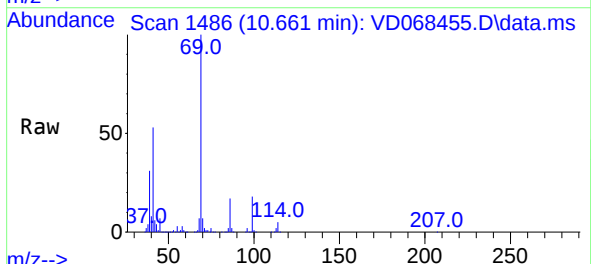
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

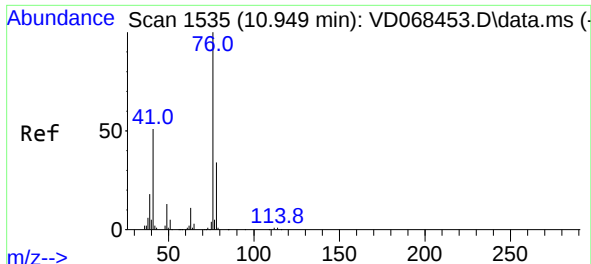
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 414348 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.0  | 61.8  | 92.6   |
| 85       | 55.1  | 42.2  | 63.2   |
| 99       | 61.3  | 48.3  | 72.5   |



#56  
Ethyl methacrylate  
Concen: 158.48 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 506177 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 53.9  | 44.9  | 67.3   |
| 39       | 29.6  | 21.9  | 32.9   |

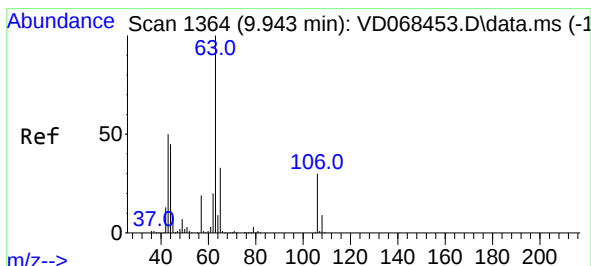
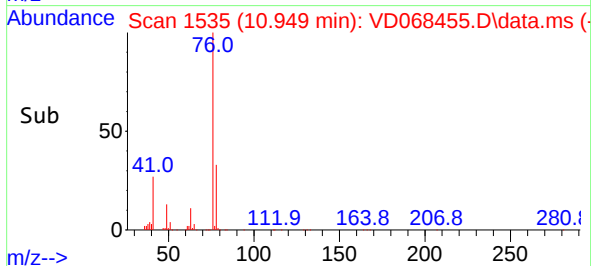
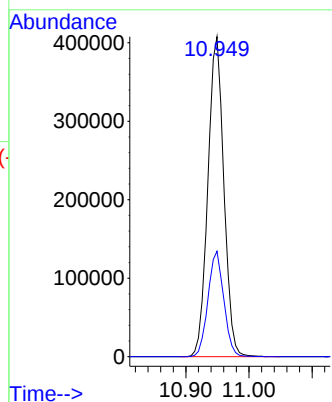
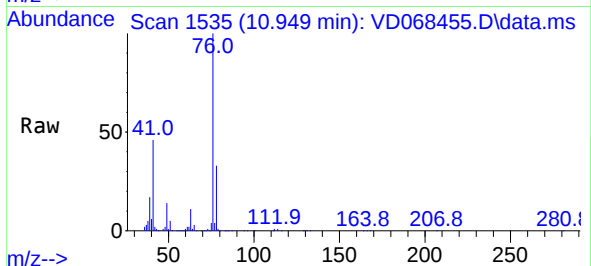




#57  
1,3-Dichloropropane  
Concen: 150.12 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

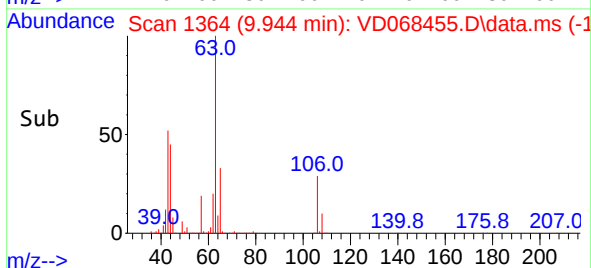
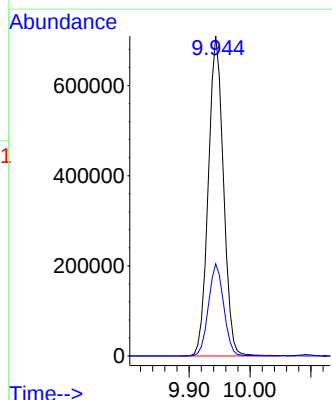
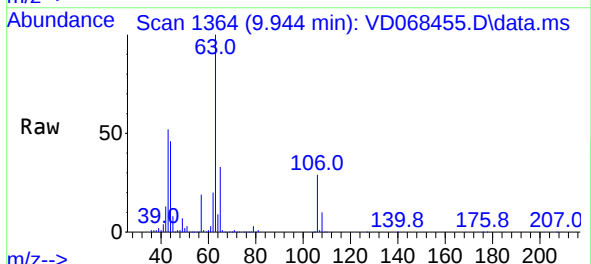
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

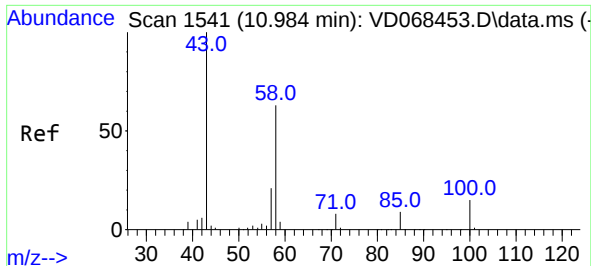
Tgt Ion: 76 Resp: 714002  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 724.97 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 63 Resp: 1224493  
Ion Ratio Lower Upper  
63 100  
106 29.1 27.0 40.4

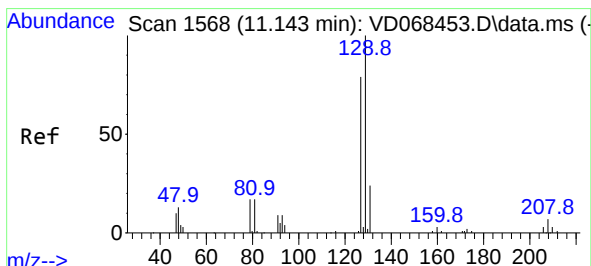
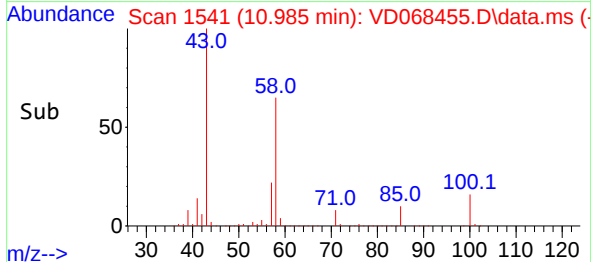
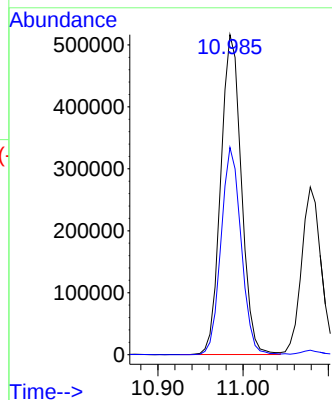
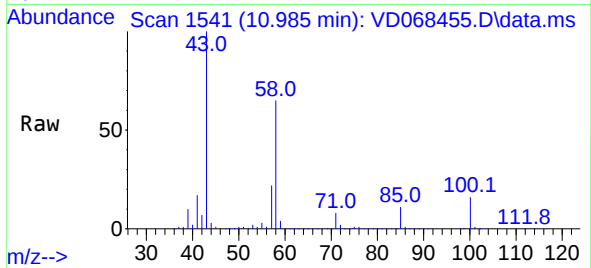




#59  
2-Hexanone  
Concen: 747.60 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

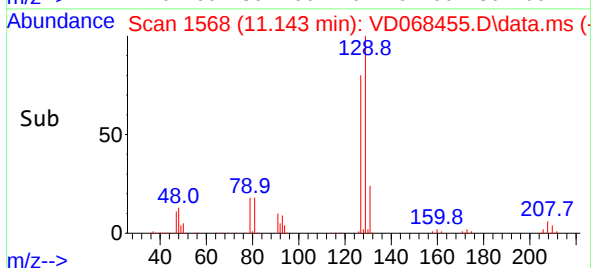
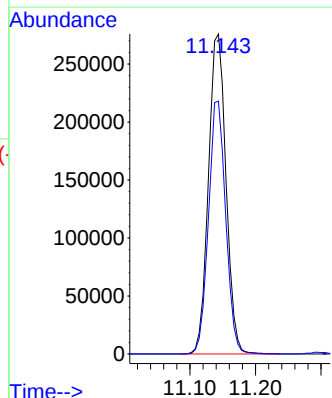
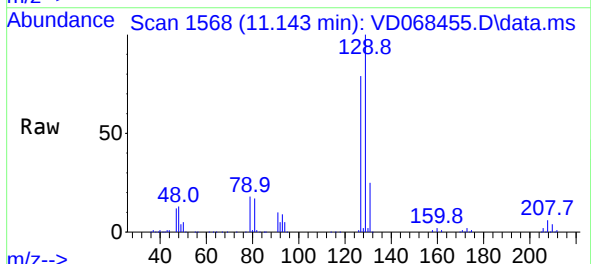
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

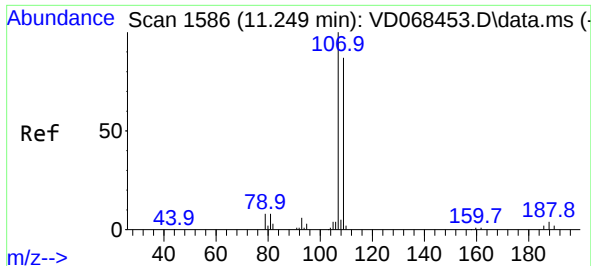
Tgt Ion: 43 Resp: 867161  
Ion Ratio Lower Upper  
43 100  
58 63.4 31.0 93.0



#60  
Dibromochloromethane  
Concen: 152.34 ug/l  
RT: 11.143 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:129 Resp: 513919  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0

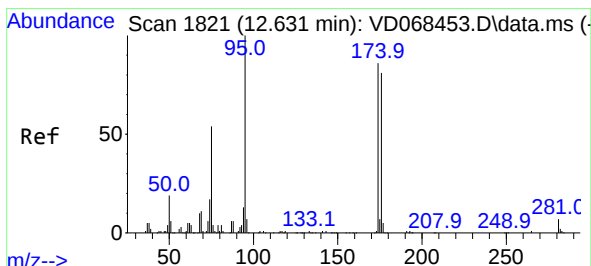
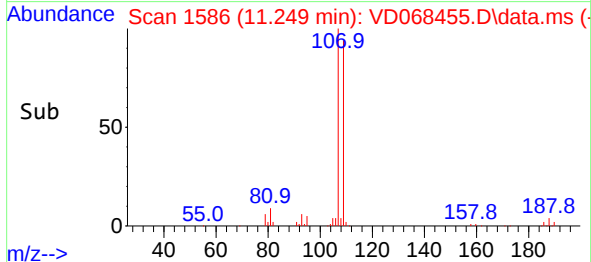
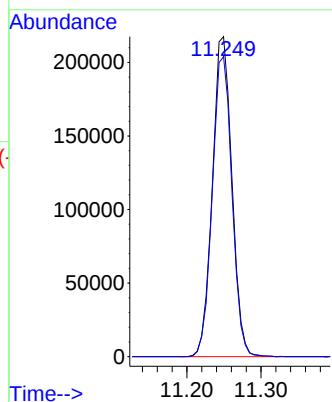
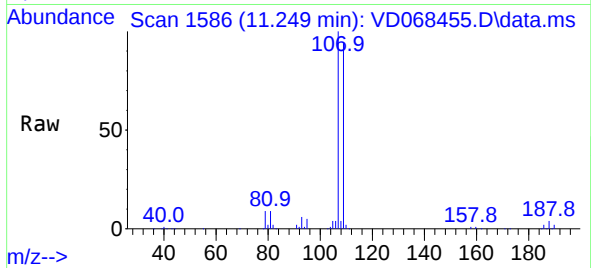




#61  
1,2-Dibromoethane  
Concen: 151.45 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

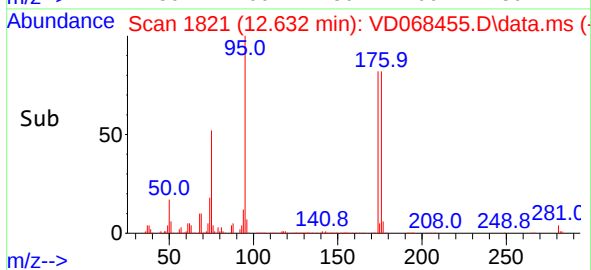
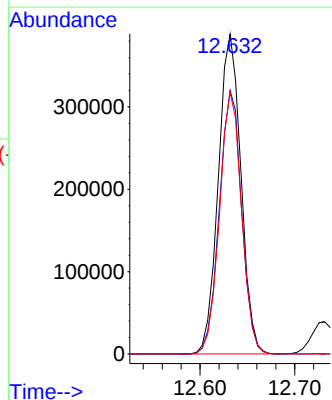
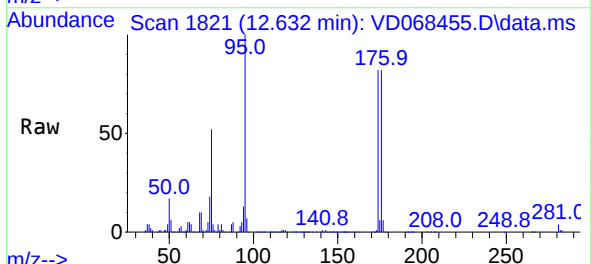
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

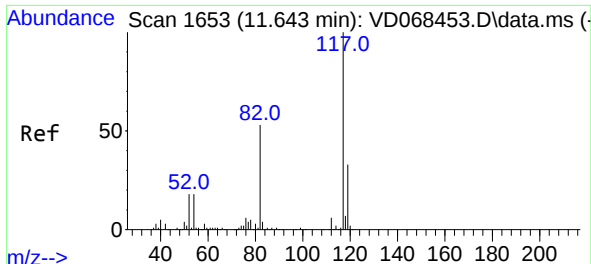
Tgt Ion:107 Resp: 397566  
Ion Ratio Lower Upper  
107 100  
109 94.5 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 139.38 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 95 Resp: 643191  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 172.4  
176 79.7 0.0 168.4

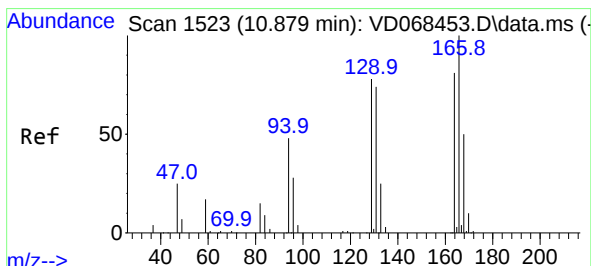
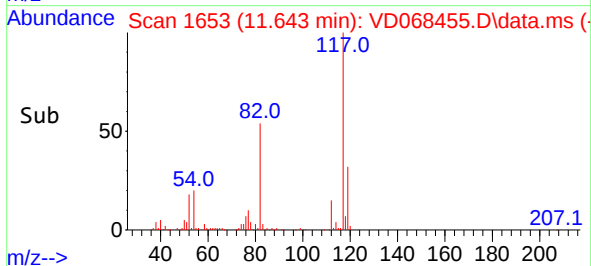
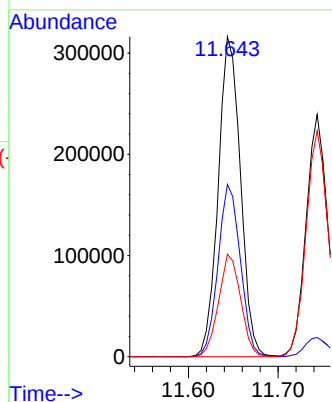
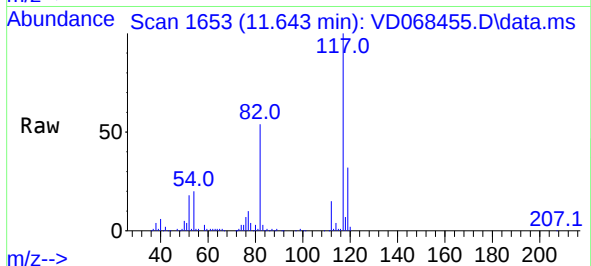




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

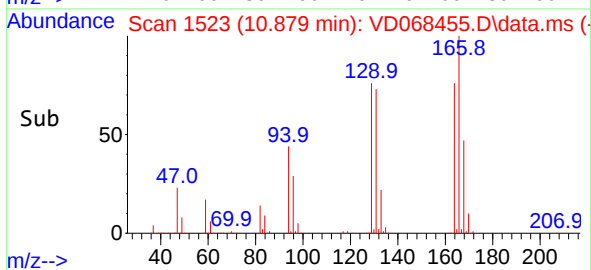
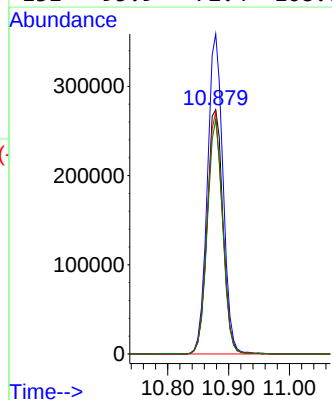
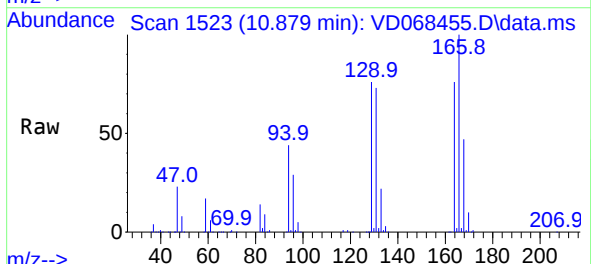
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

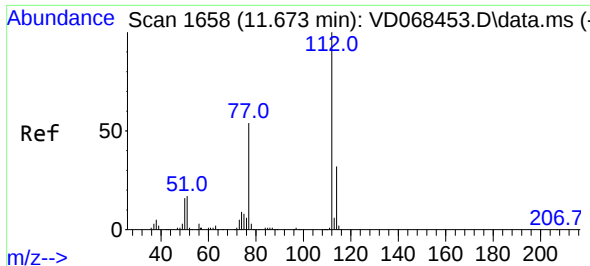
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 544611 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 53.8  | 41.4  | 62.0   |
| 119      | 32.0  | 26.1  | 39.1   |



#64  
Tetrachloroethene  
Concen: 145.32 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 495901 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 130.9 | 105.5 | 158.3  |
| 129      | 99.1  | 75.6  | 113.4  |
| 131      | 95.9  | 72.4  | 108.6  |

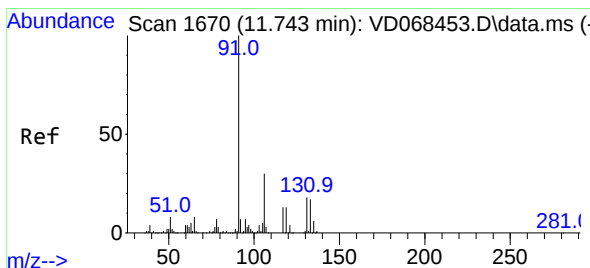
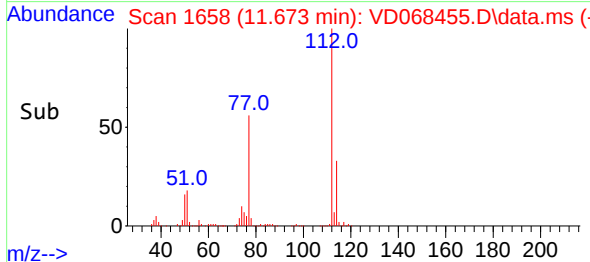
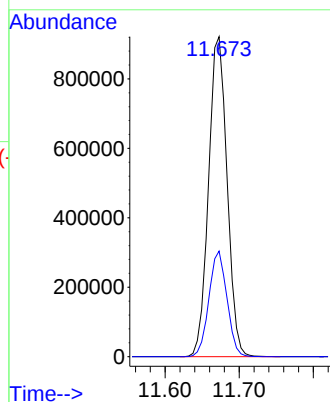
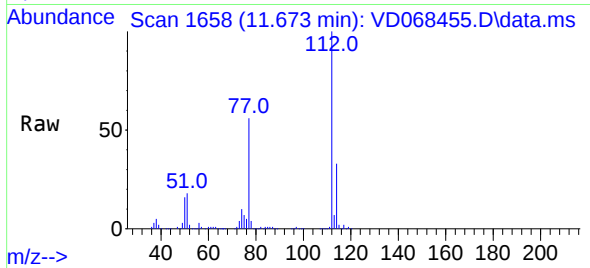




#65  
Chlorobenzene  
Concen: 150.24 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

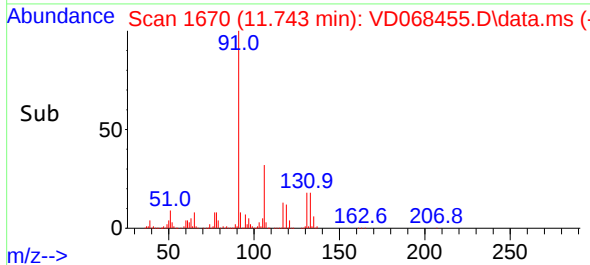
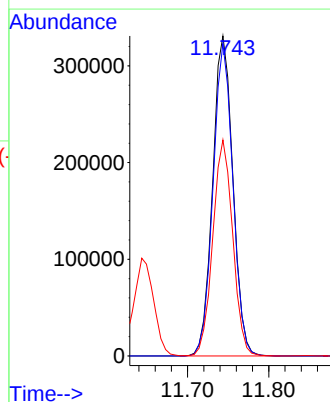
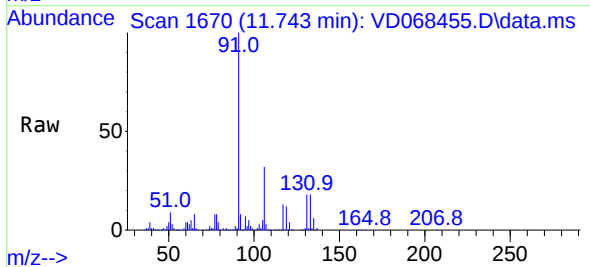
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion:112 Resp: 1597253  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 154.53 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:131 Resp: 571651  
Ion Ratio Lower Upper  
131 100  
133 95.8 48.1 144.4  
119 66.7 31.6 94.8

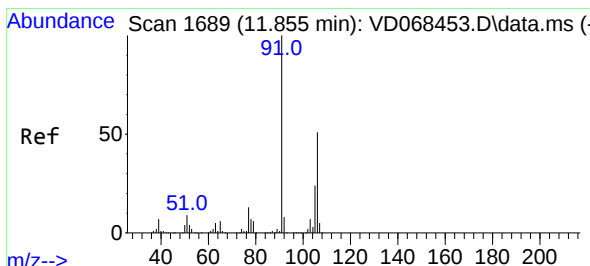
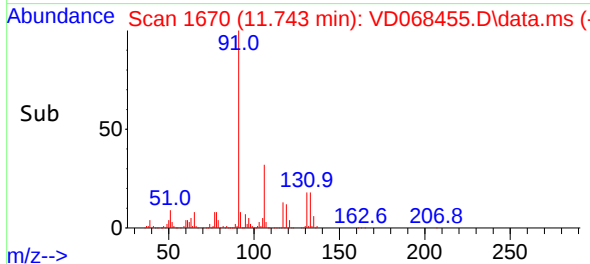
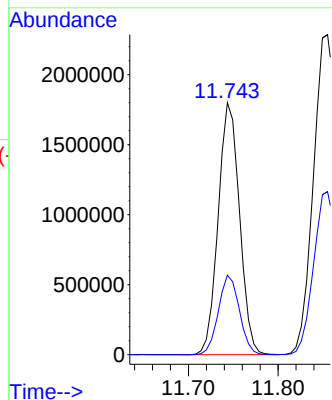
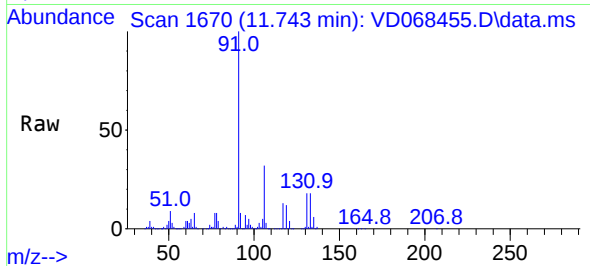




#67  
Ethyl Benzene  
Concen: 156.00 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

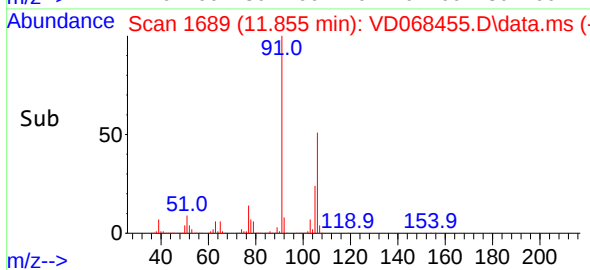
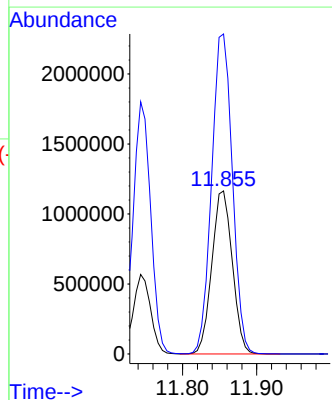
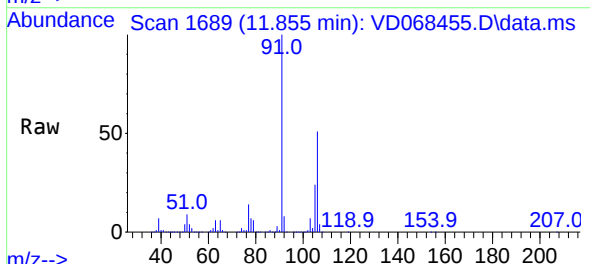
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

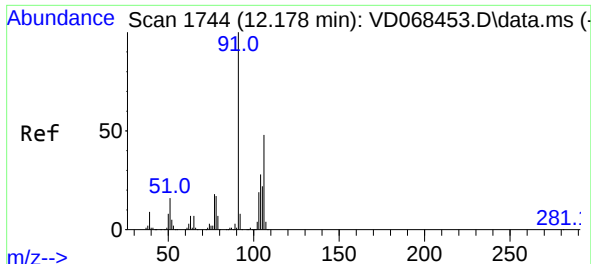
Tgt Ion: 91 Resp: 2973641  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.9 38.9



#68  
m/p-Xylenes  
Concen: 309.09 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:106 Resp: 2234293  
Ion Ratio Lower Upper  
106 100  
91 198.6 159.1 238.7

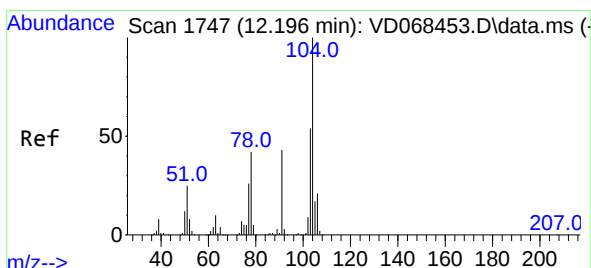
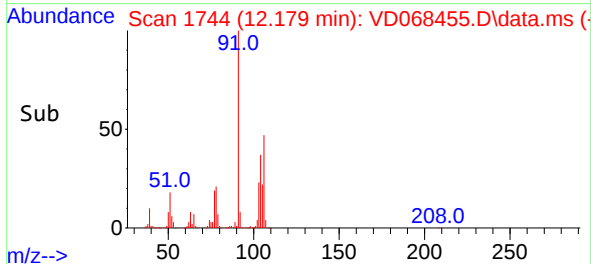
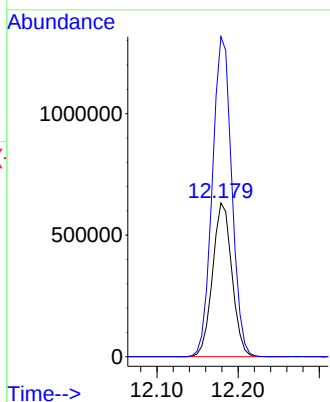
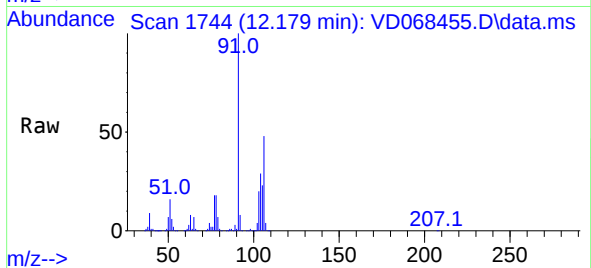




#69  
o-Xylene  
Concen: 157.92 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

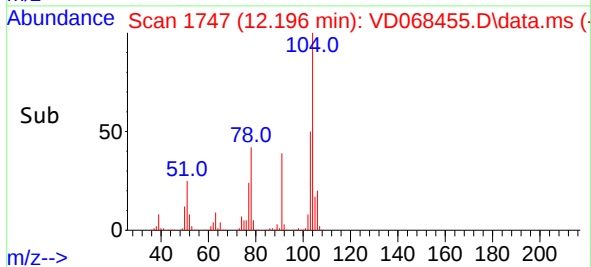
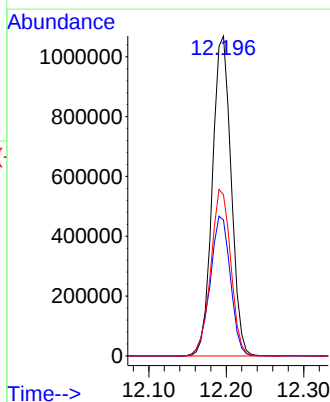
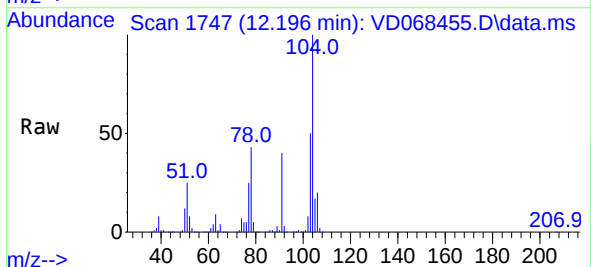
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

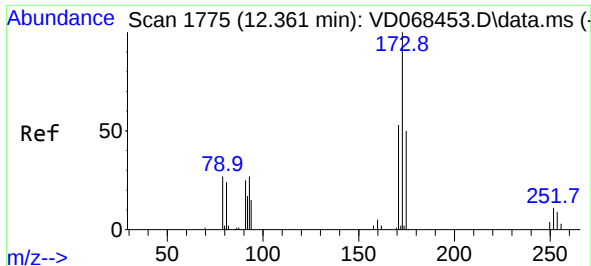
Tgt Ion:106 Resp: 1047391  
Ion Ratio Lower Upper  
106 100  
91 209.2 108.7 325.9



#70  
Styrene  
Concen: 156.69 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:104 Resp: 1804252  
Ion Ratio Lower Upper  
104 100  
78 47.2 38.2 57.2  
103 55.3 43.1 64.7

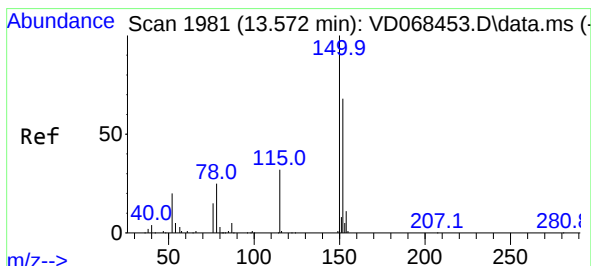
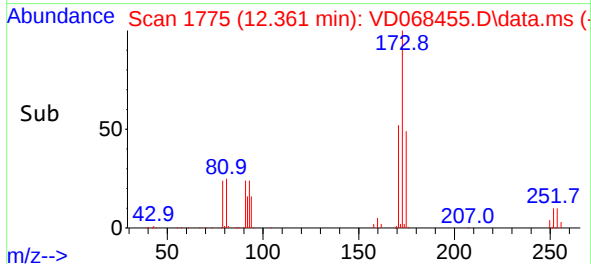
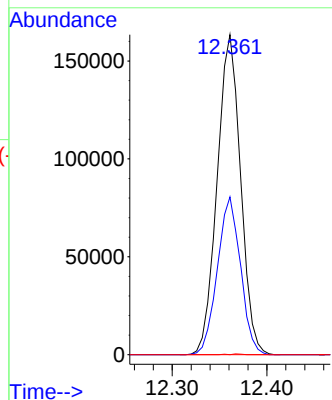
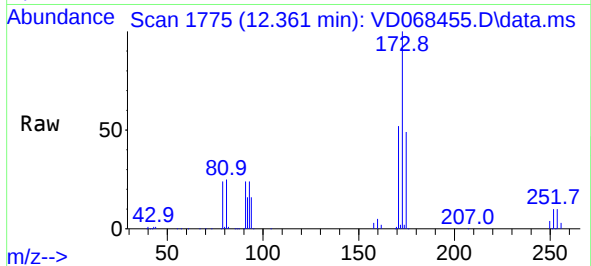




#71  
Bromoform  
Concen: 148.17 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

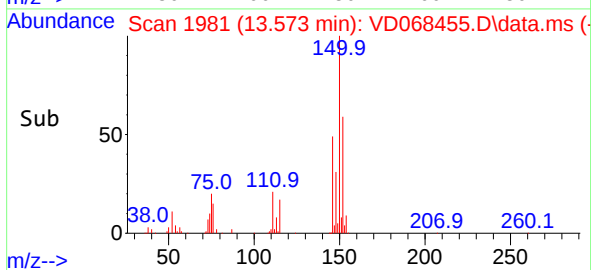
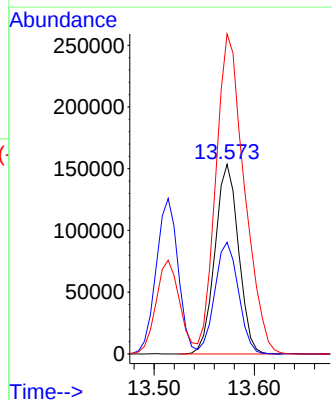
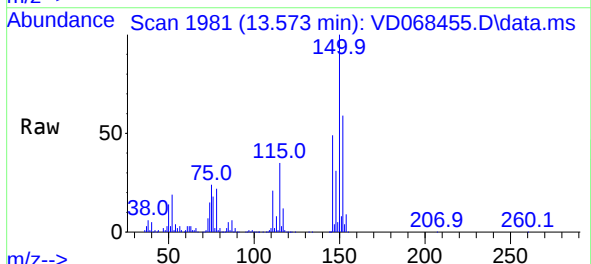
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

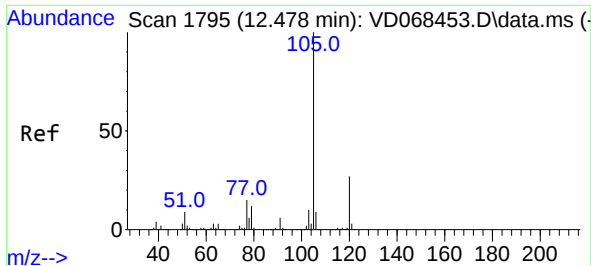
Tgt Ion:173 Resp: 281622  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 73.8  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

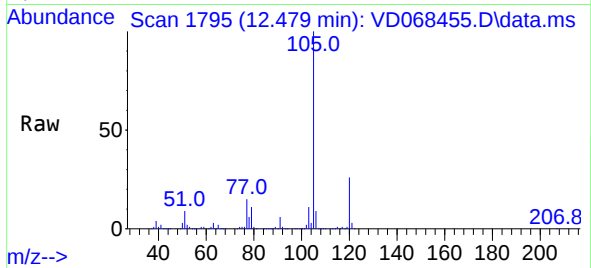
Tgt Ion:152 Resp: 250755  
Ion Ratio Lower Upper  
152 100  
115 58.9 28.9 86.8  
150 203.6 0.0 344.4



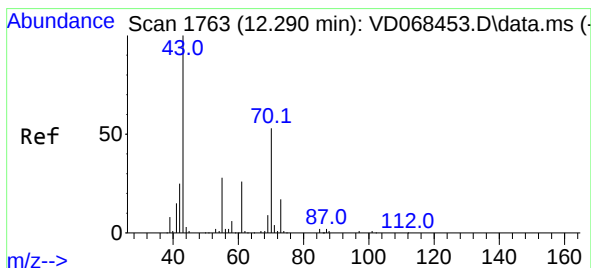
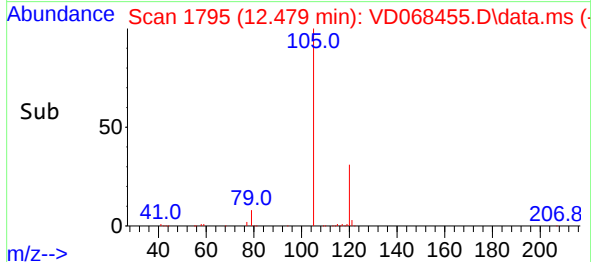
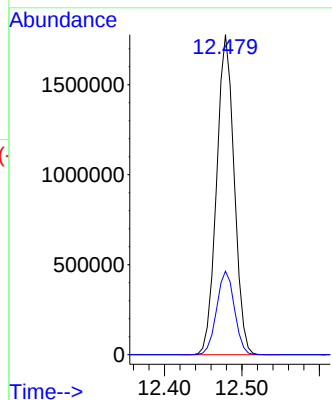


#73  
Isopropylbenzene  
Concen: 152.38 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

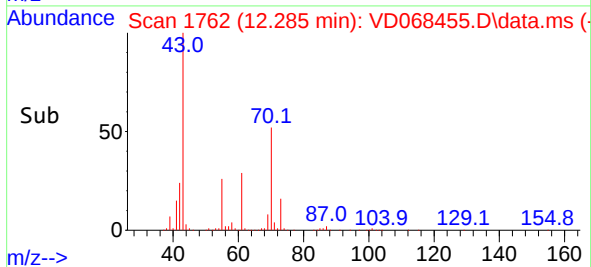
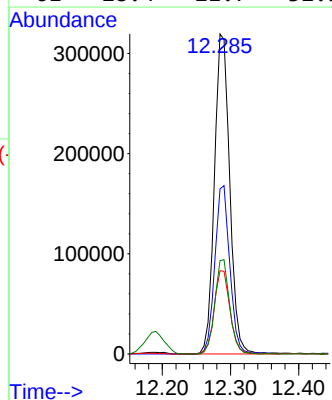
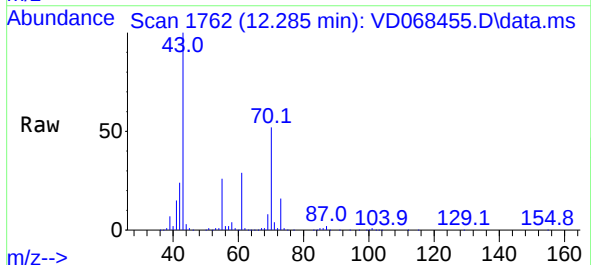


Tgt Ion:105 Resp: 2805224  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.6



#74  
N-ethyl acetate  
Concen: 155.19 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 43 Resp: 499670  
Ion Ratio Lower Upper  
43 100  
70 51.7 41.8 62.8  
55 26.9 24.2 36.4  
61 28.4 21.7 32.5

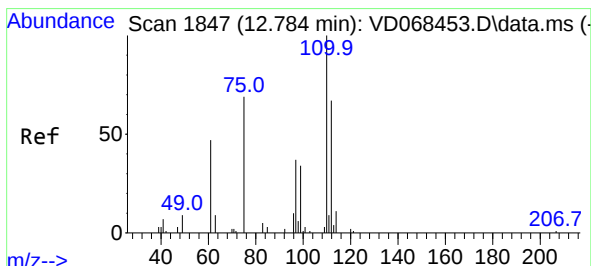
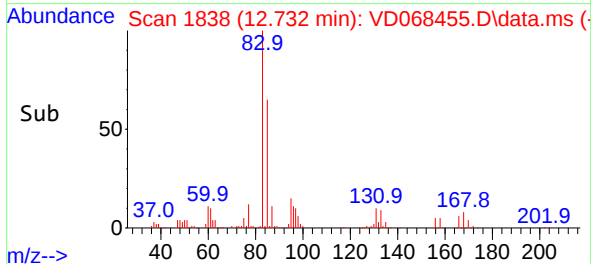
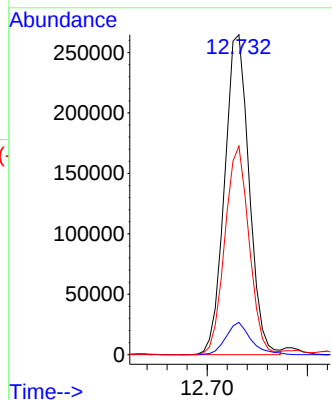
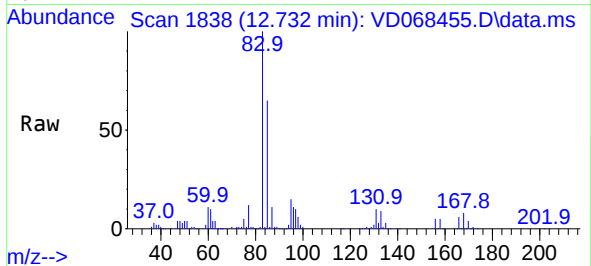




#75  
1,1,2,2-Tetrachloroethane  
Concen: 142.05 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

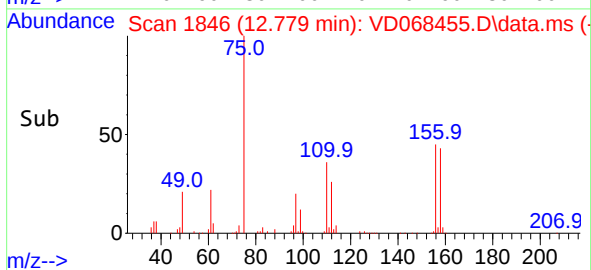
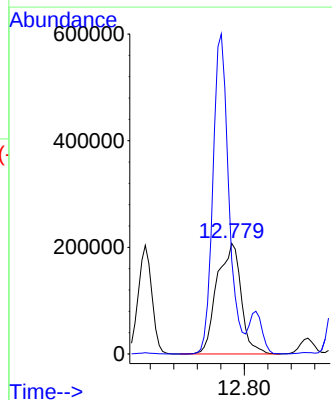
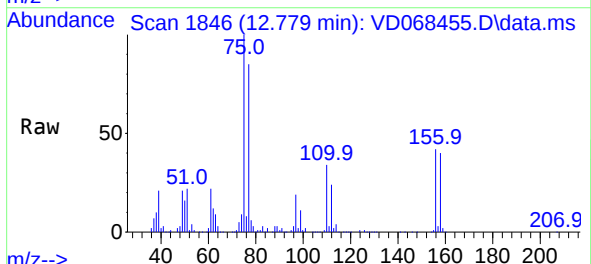
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

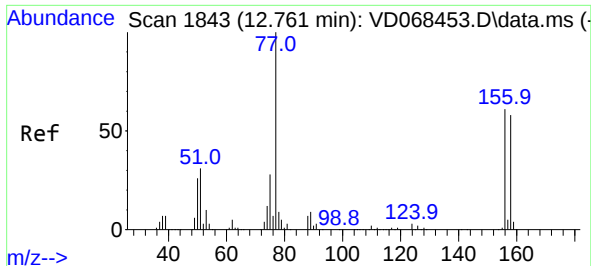
Tgt Ion: 83 Resp: 450598  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.8 17.4  
85 64.3 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 247.82 ug/l  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 75 Resp: 589897  
Ion Ratio Lower Upper  
75 100  
77 191.6 0.0 0.0#

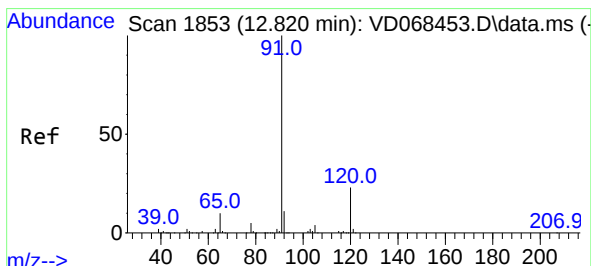
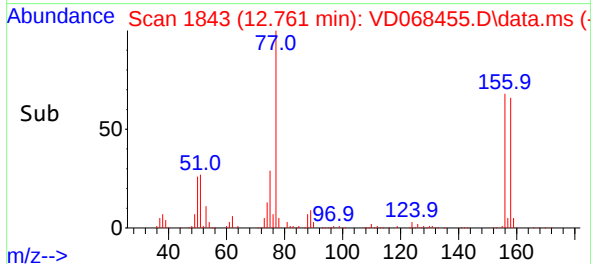
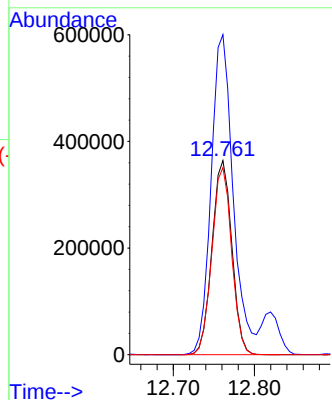
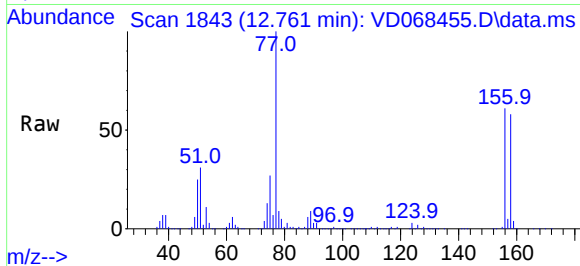




#77  
Bromobenzene  
Concen: 149.93 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

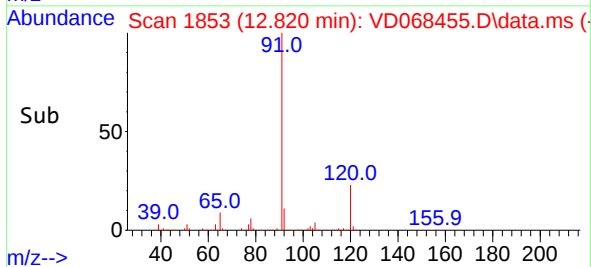
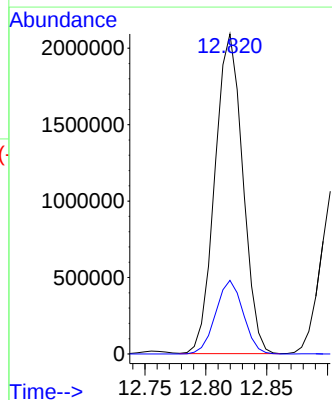
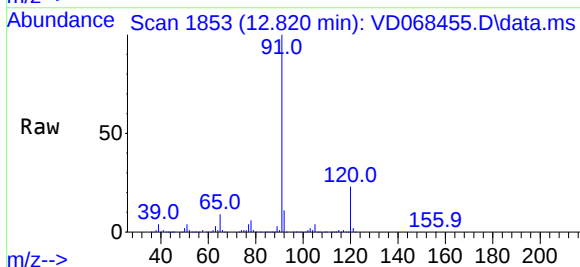
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

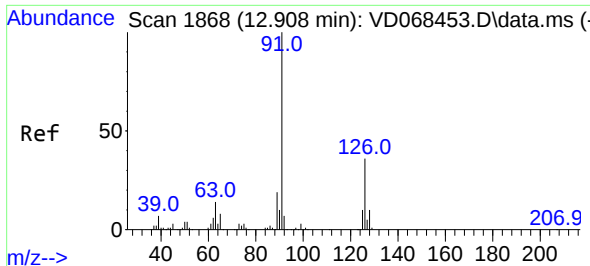
Tgt Ion:156 Resp: 618372  
Ion Ratio Lower Upper  
156 100  
77 182.8 82.8 248.3  
158 95.9 48.0 144.0



#78  
n-propylbenzene  
Concen: 150.88 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 91 Resp: 3333436  
Ion Ratio Lower Upper  
91 100  
120 22.7 12.0 36.0

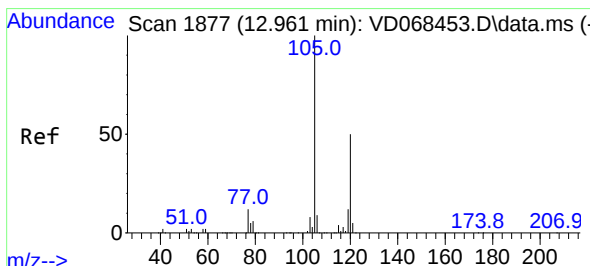
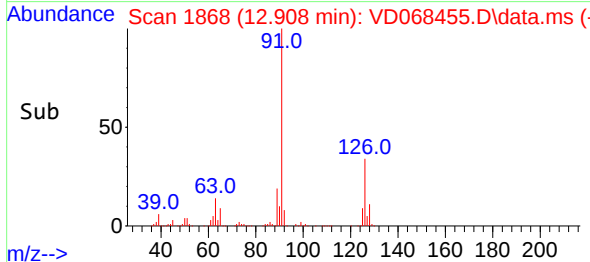
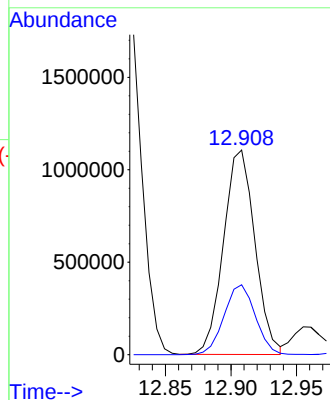
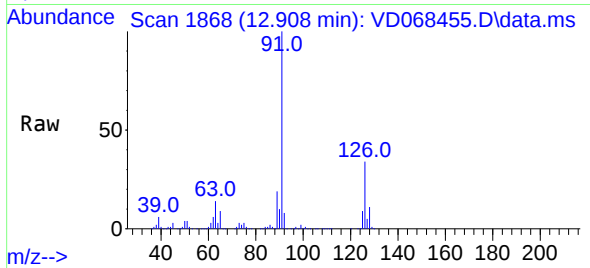




#79  
2-Chlorotoluene  
Concen: 150.96 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

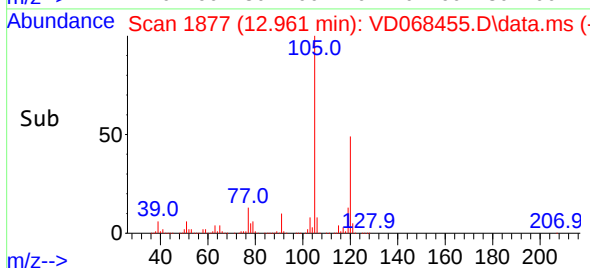
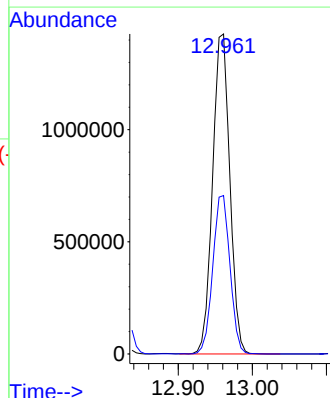
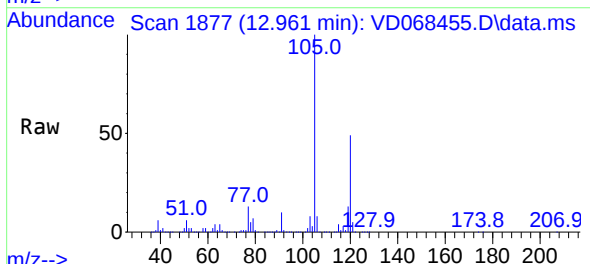
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

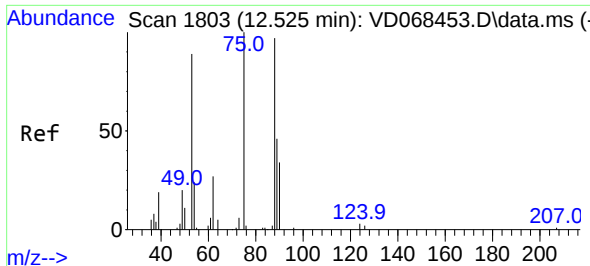
Tgt Ion: 91 Resp: 1845853  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 152.79 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

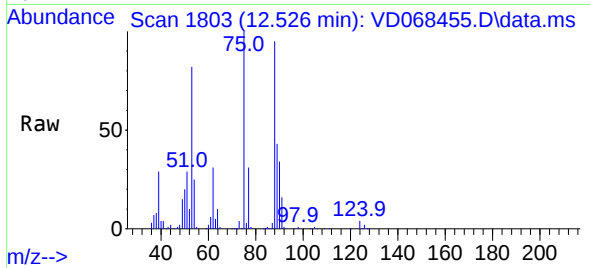
Tgt Ion:105 Resp: 2301954  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.2 72.6



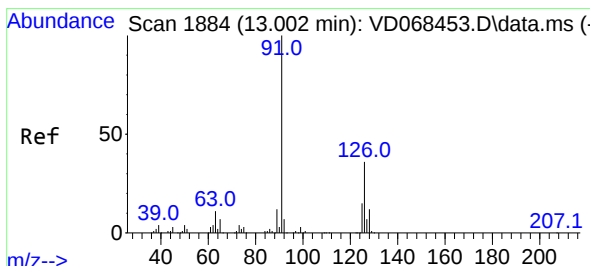
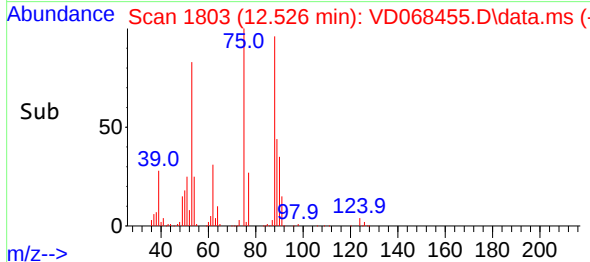
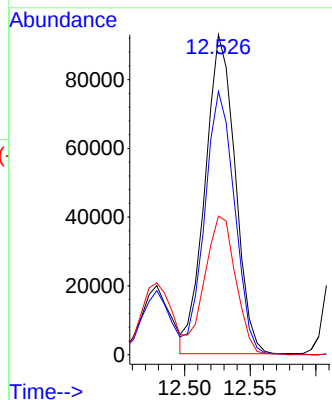


#81  
trans-1,4-Dichloro-2-butene  
Concen: 155.12 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

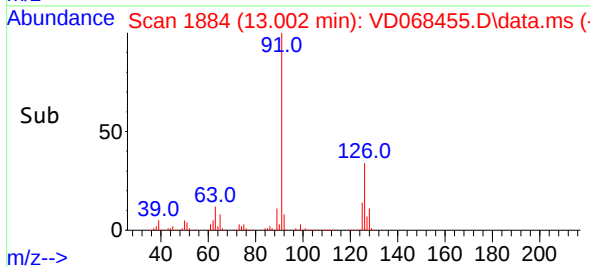
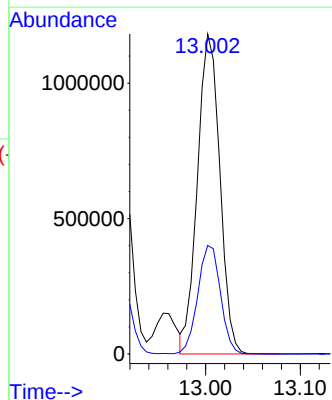
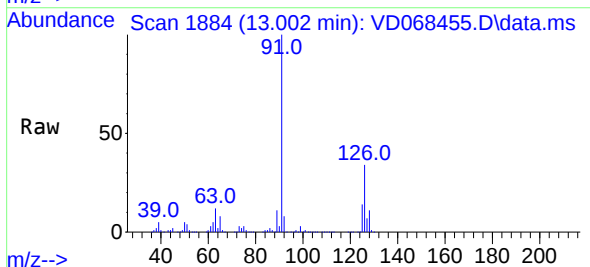


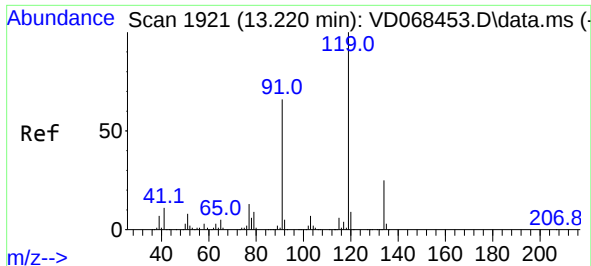
Tgt Ion: 75 Resp: 147994  
Ion Ratio Lower Upper  
75 100  
53 82.4 70.2 105.2  
89 44.1 40.3 60.5



#82  
4-Chlorotoluene  
Concen: 149.92 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 91 Resp: 1940052  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.7 53.1



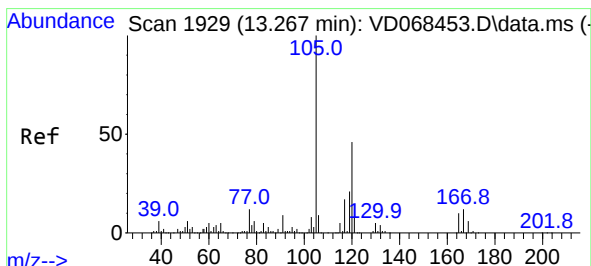
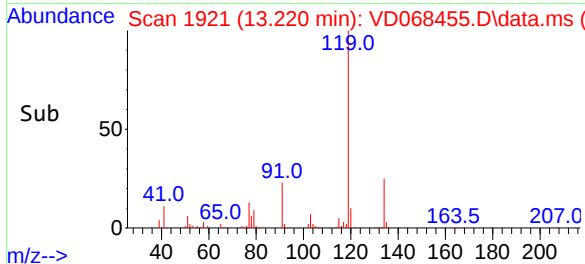
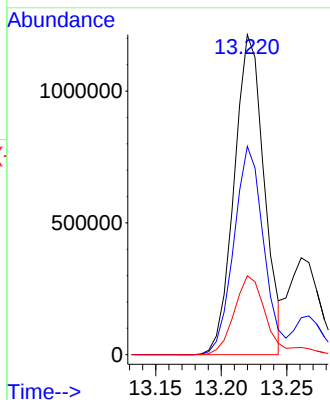
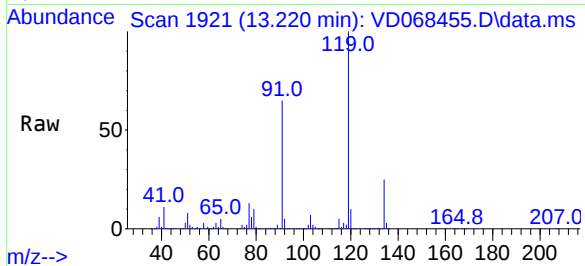


#83  
tert-Butylbenzene  
Concen: 147.94 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion:119 Resp: 1928445  

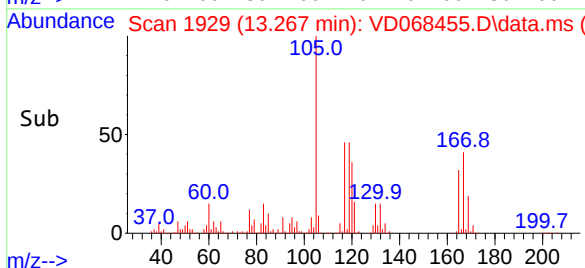
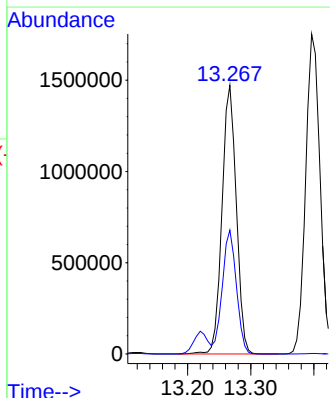
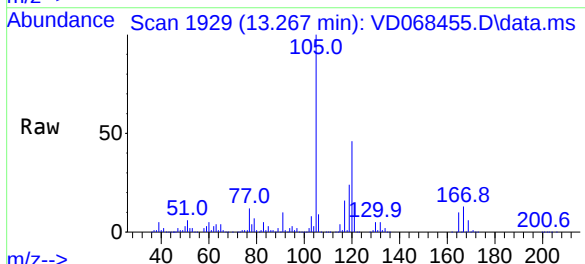
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 64.9  | 31.1  | 93.5  |
| 134 | 26.9  | 13.3  | 39.8  |

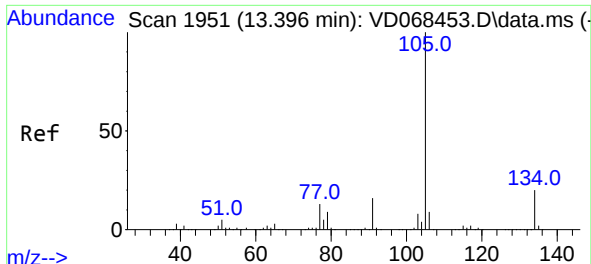


#84  
1,2,4-Trimethylbenzene  
Concen: 153.97 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:105 Resp: 2317184  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 45.4  | 22.4  | 67.0  |

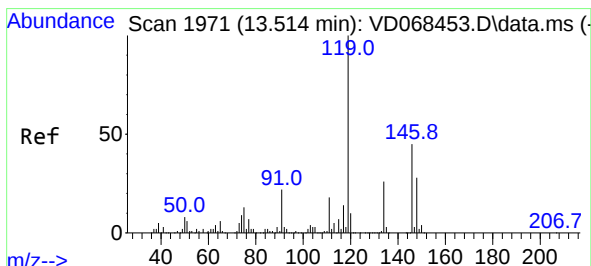
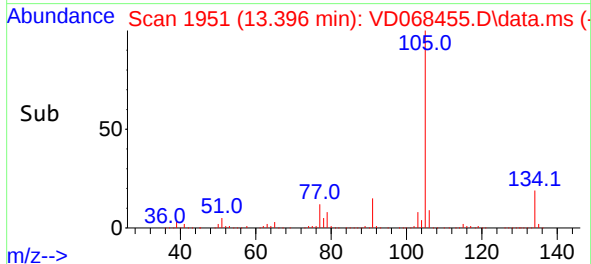
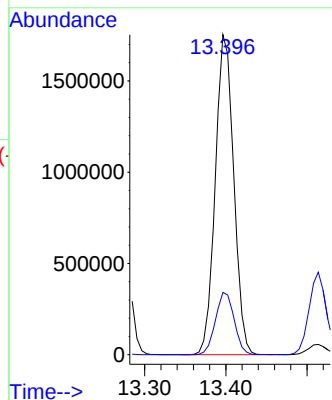
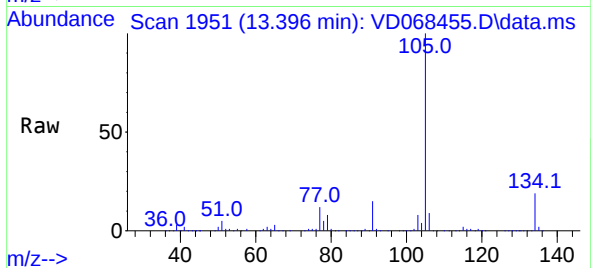




#85  
sec-Butylbenzene  
Concen: 152.07 ug/l  
RT: 13.396 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

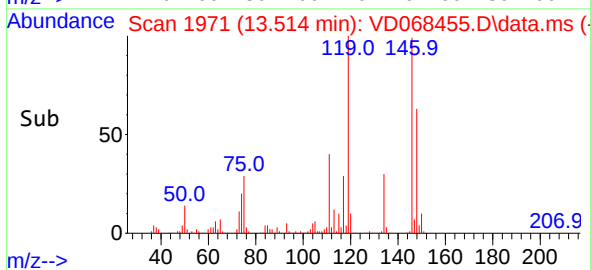
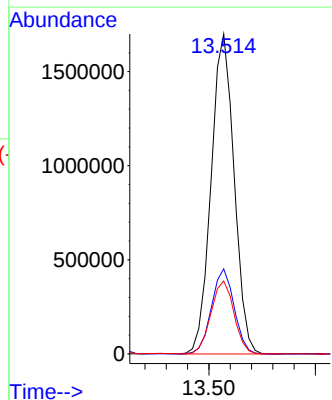
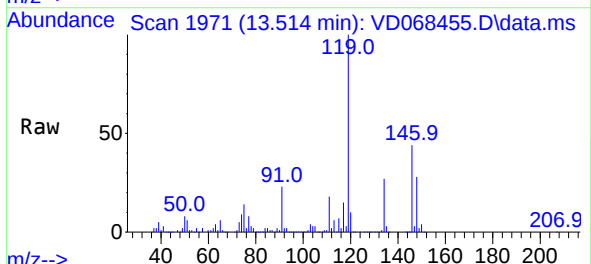
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

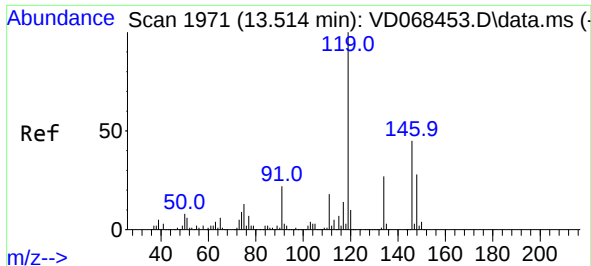
Tgt Ion:105 Resp: 2766922  
Ion Ratio Lower Upper  
105 100  
134 19.8 10.3 30.9



#86  
p-Isopropyltoluene  
Concen: 154.81 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:119 Resp: 2544691  
Ion Ratio Lower Upper  
119 100  
134 26.1 12.9 38.7  
91 22.7 11.7 35.0

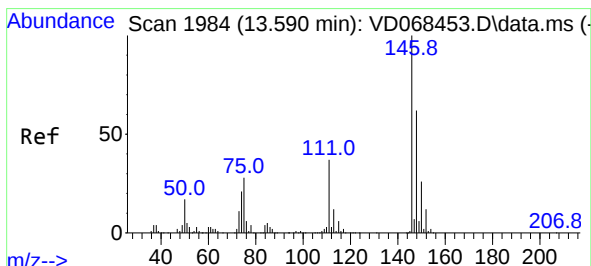
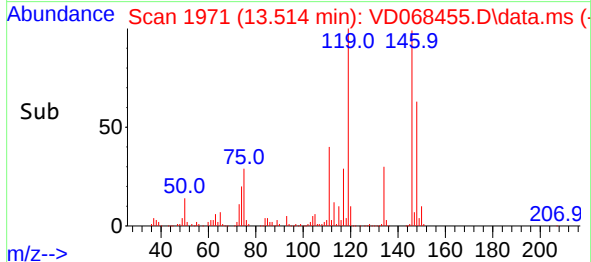
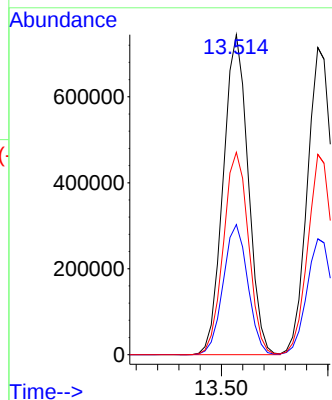
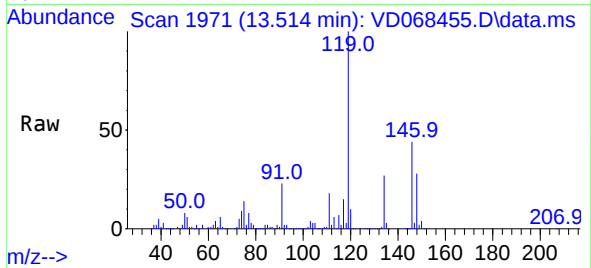




#87  
1,3-Dichlorobenzene  
Concen: 150.77 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

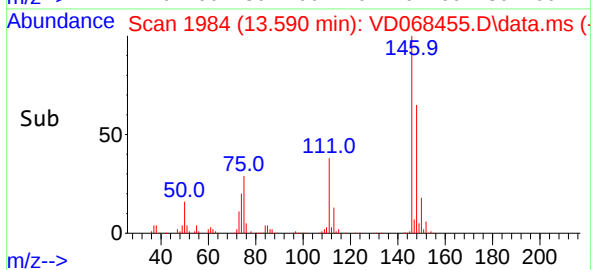
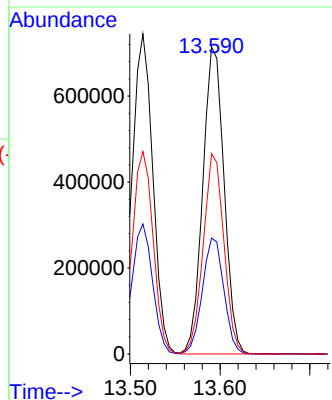
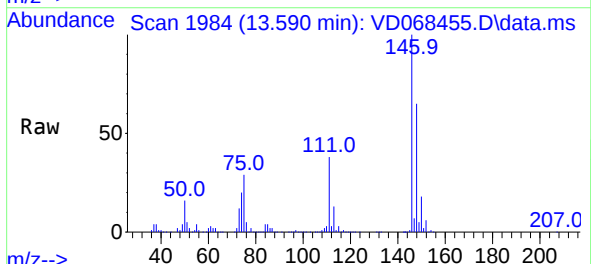
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

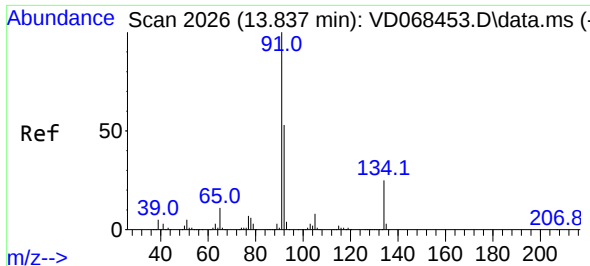
Tgt Ion:146 Resp: 1208229  
Ion Ratio Lower Upper  
146 100  
111 40.2 19.5 58.5  
148 63.7 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 147.89 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:146 Resp: 1178009  
Ion Ratio Lower Upper  
146 100  
111 37.9 19.1 57.1  
148 63.6 31.9 95.7



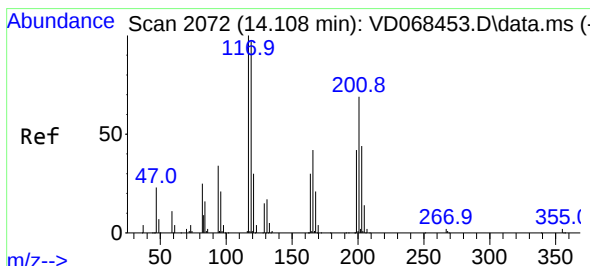
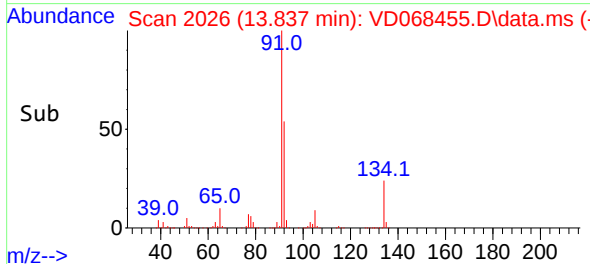
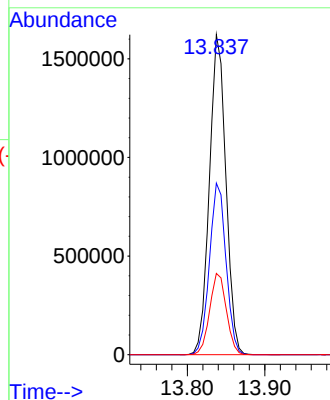
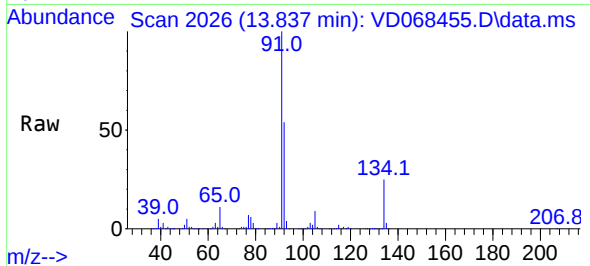


#89  
n-Butylbenzene  
Concen: 149.24 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion: 91 Resp: 2395723  

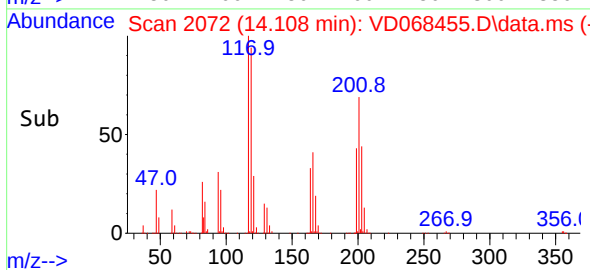
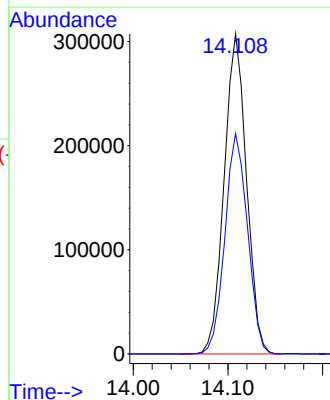
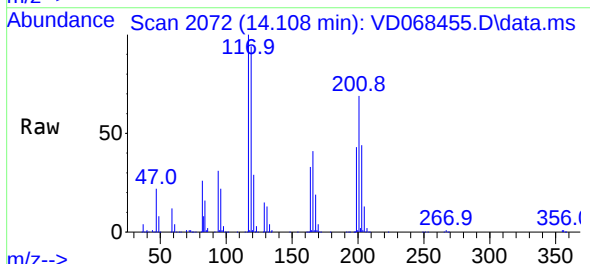
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.0  | 27.2  | 81.6  |
| 134 | 25.7  | 13.9  | 41.7  |

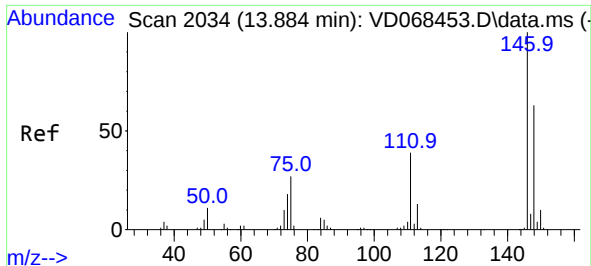


#90  
Hexachloroethane  
Concen: 165.12 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 117 Resp: 503622  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 69.8  | 39.5  | 118.5 |

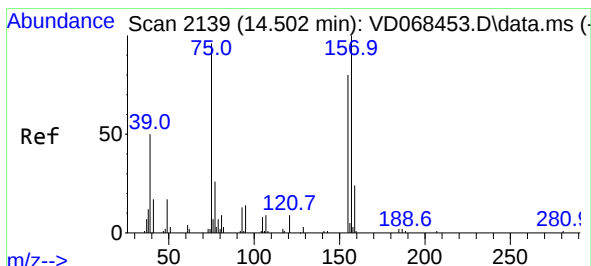
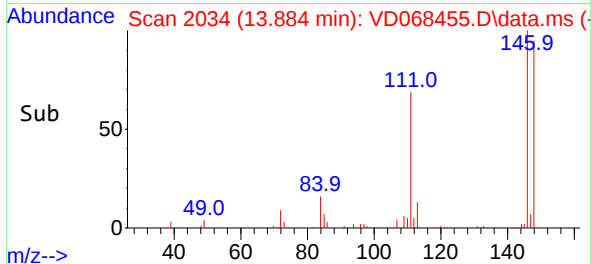
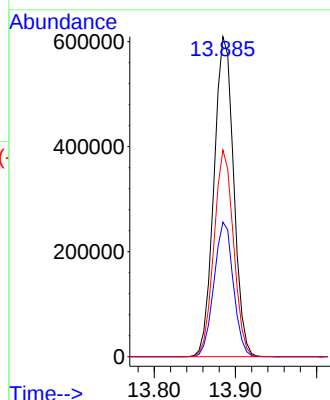
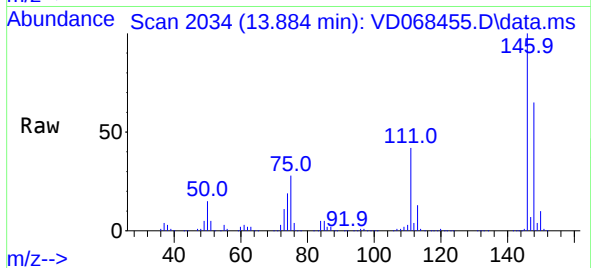




#91  
1,2-Dichlorobenzene  
Concen: 148.46 ug/l  
RT: 13.884 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

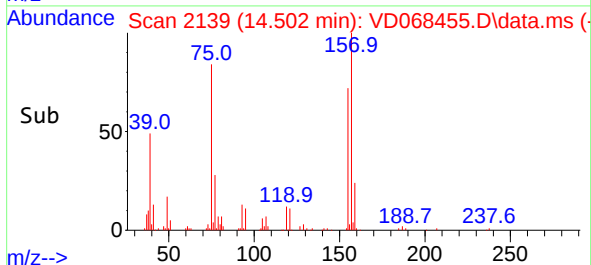
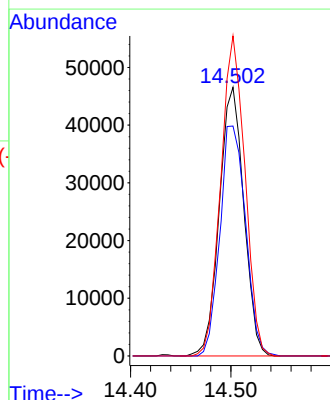
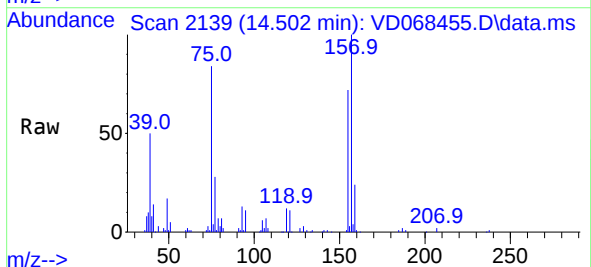
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

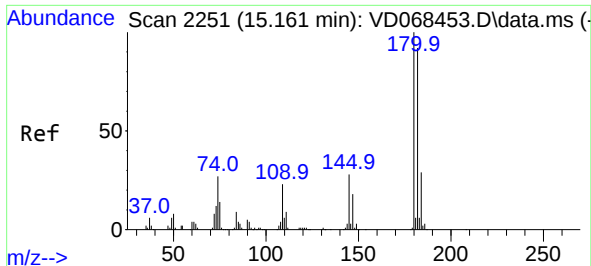
Tgt Ion:146 Resp: 1026209  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.3 60.9  
148 64.0 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 165.36 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion: 75 Resp: 78777  
Ion Ratio Lower Upper  
75 100  
155 89.6 48.0 144.2  
157 117.7 65.0 194.8

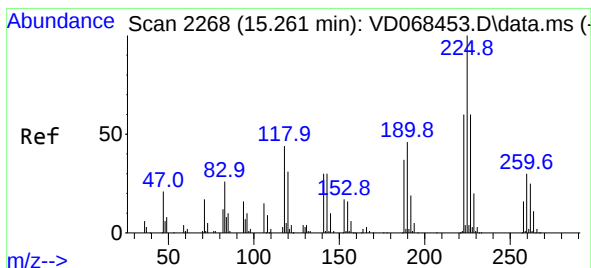
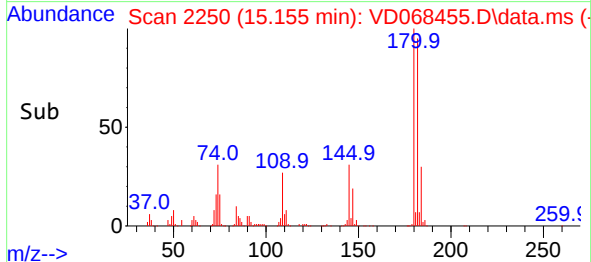
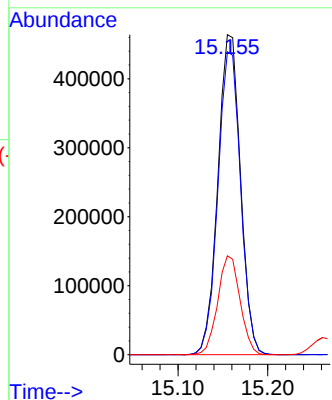
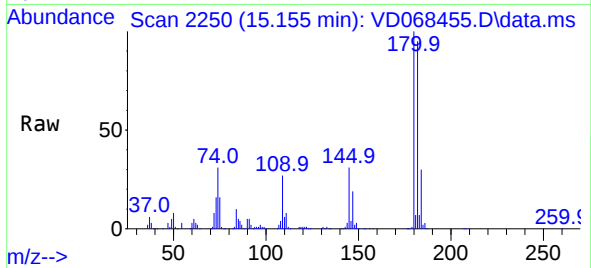




#93  
1,2,4-Trichlorobenzene  
Concen: 173.67 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. -0.006 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

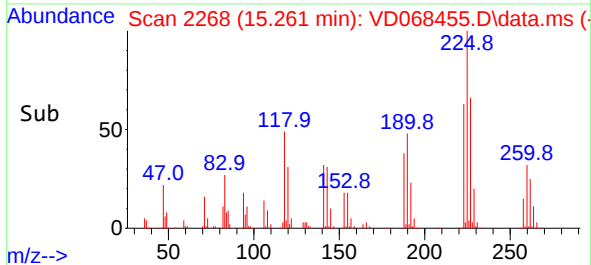
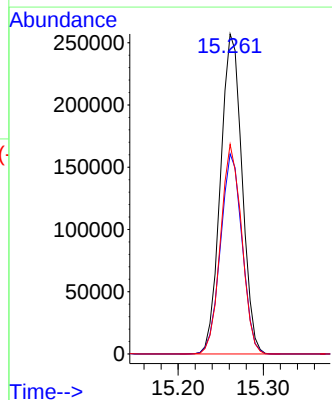
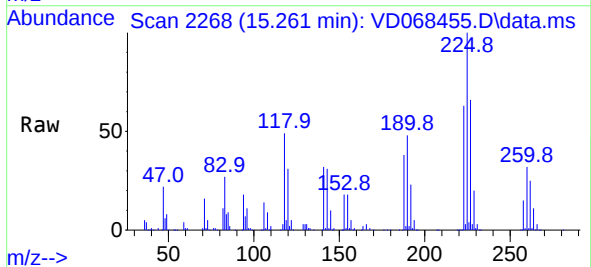
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

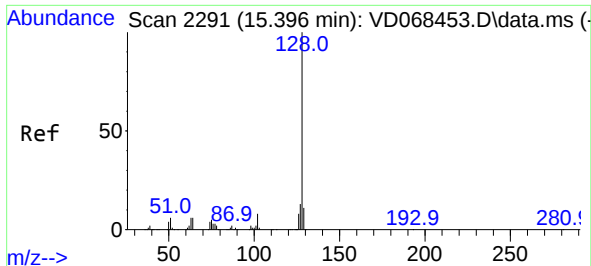
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 811618 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.1  | 46.8  | 140.4  |
| 145      | 30.5  | 15.2  | 45.5   |



#94  
Hexachlorobutadiene  
Concen: 174.95 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 450656 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 31.9  | 95.5   |
| 227      | 63.9  | 32.1  | 96.5   |

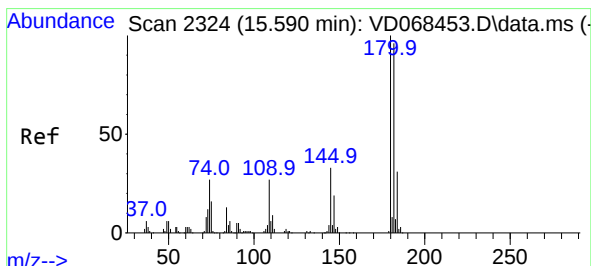
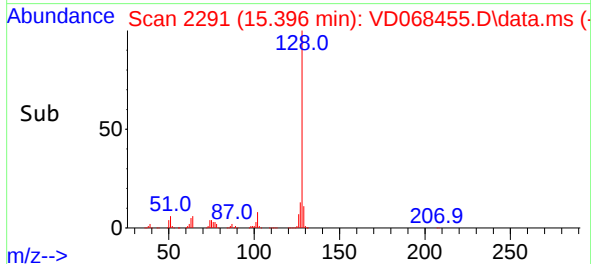
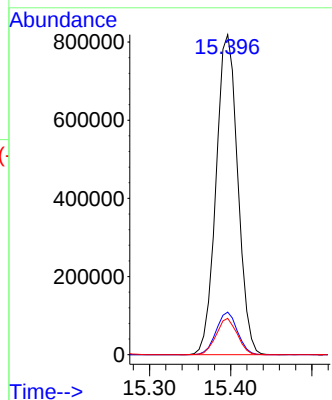
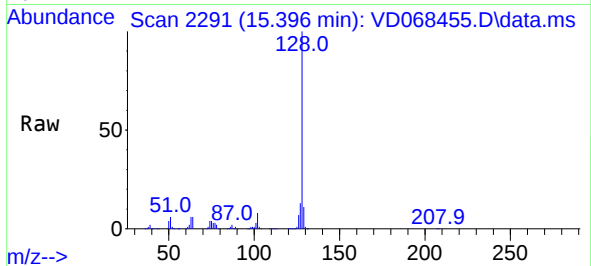




#95  
Naphthalene  
Concen: 176.12 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 1518102  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.2  
129 11.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 167.18 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VD068455.D  
Acq: 26 Feb 2021 13:21

Tgt Ion:180 Resp: 678115  
Ion Ratio Lower Upper  
180 100  
182 94.6 48.3 144.8  
145 32.3 16.7 50.1

