

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070945.D  
 Acq On : 09 Nov 2021 10:32  
 Operator : VA/SY  
 Sample : VSTDIC010  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:41:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:40:32 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 415921   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 718895   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 645732   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 288536   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 44283    | 10.000   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 20.000%# |
| 35) Dibromofluoromethane    | 7.914  | 113   | 43325    | 10.680   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 21.360%# |
| 50) Toluene-d8              | 10.332 | 98    | 167088   | 10.518   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 21.040%# |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 58338    | 10.199   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 20.400%# |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 33764  | 9.502  | ug/l   | 95  |
| 3) Chloromethane             | 2.209 | 50  | 39555  | 9.354  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.350 | 62  | 36551  | 8.988  | ug/l   | 99  |
| 5) Bromomethane              | 2.767 | 94  | 26453  | 9.543  | ug/l   | 95  |
| 6) Chloroethane              | 2.920 | 64  | 22962  | 8.791  | ug/l # | 87  |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 58067  | 8.872  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.709 | 74  | 18598  | 8.586  | ug/l   | 88  |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 35633  | 8.832  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.303 | 142 | 26500  | 6.695  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.214 | 59  | 15017  | 46.401 | ug/l # | 89  |
| 12) 1,1-Dichloroethene       | 4.067 | 96  | 36214  | 9.169  | ug/l # | 92  |
| 13) Acrolein                 | 3.926 | 56  | 5821   | 52.304 | ug/l   | 91  |
| 14) Allyl chloride           | 4.714 | 41  | 73295  | 8.910  | ug/l   | 89  |
| 15) Acrylonitrile            | 5.420 | 53  | 43758  | 42.219 | ug/l   | 97  |
| 16) Acetone                  | 4.161 | 43  | 42440  | 38.234 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.409 | 76  | 115125 | 9.027  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.720 | 43  | 31411  | 8.268  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 86475  | 8.481  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.961 | 84  | 56582  | 10.226 | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.479 | 96  | 39318  | 8.685  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.367 | 45  | 140700 | 8.603  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.303 | 43  | 319146 | 40.639 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.261 | 63  | 74786  | 8.561  | ug/l   | 100 |
| 25) 2-Butanone               | 7.214 | 43  | 53988  | 38.404 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 63539  | 8.619  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.208 | 96  | 44746  | 8.647  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.544 | 49  | 36687  | 9.902  | ug/l   | 89  |
| 29) Tetrahydrofuran          | 7.561 | 42  | 39222  | 43.592 | ug/l   | 92  |
| 30) Chloroform               | 7.708 | 83  | 72020  | 8.672  | ug/l   | 99  |
| 31) Cyclohexane              | 7.979 | 56  | 84689  | 9.299  | ug/l # | 89  |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 60361  | 8.462  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 57480  | 8.955  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.291 | 43  | 27719  | 9.466  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 52529  | 8.887  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.349 | 83  | 74382  | 8.973  | ug/l   | 100 |
| 40) Benzene                  | 8.349 | 78  | 161819 | 8.952  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070945.D  
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 Operator : VA/SY  
 Sample : VSTDIC010  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:41:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:40:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 19781    | 13.682  | ug/l # | 69       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 43724    | 8.540   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.449  | 43   | 54024    | 8.717   | ug/l   | 90       |
| 44) Trichloroethene           | 9.114  | 130  | 41873    | 8.987   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 43151    | 8.827   | ug/l   | 93       |
| 46) Dibromomethane            | 9.473  | 93   | 21034    | 9.040   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.661  | 83   | 53185    | 8.642   | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.449  | 41   | 26052    | 8.569   | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 5151     | 191.061 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 130243   | 43.347  | ug/l   | 91       |
| 52) Toluene                   | 10.396 | 92   | 99084    | 8.696   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 53358    | 8.597   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 63628    | 8.694   | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 27918    | 8.730   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 39424    | 8.713   | ug/l # | 78       |
| 57) 1,3-Dichloropropane       | 10.943 | 76   | 50181    | 8.641   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 119015   | 50.594  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 89177    | 40.754  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.132 | 129  | 32394    | 8.444   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 26736    | 8.594   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 34359    | 9.125   | ug/l   | 94       |
| 65) Chlorobenzene             | 11.661 | 112  | 102939   | 8.935   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 34574    | 8.455   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 190212   | 8.718   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.843 | 106  | 145221   | 17.808  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 69024    | 8.899   | ug/l   | 97       |
| 70) Styrene                   | 12.185 | 104  | 113223   | 8.621   | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 17611    | 8.258   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.467 | 105  | 180960   | 8.706   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 49552    | 8.344   | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 30447    | 8.510   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 41278    | 47.288  | ug/l   | 38       |
| 77) Bromobenzene              | 12.749 | 156  | 37229    | 8.382   | ug/l   | 92       |
| 78) n-propylbenzene           | 12.808 | 91   | 222679   | 8.646   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 123146   | 8.385   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 146478   | 8.559   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 9174     | 7.802   | ug/l # | 86       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 130489   | 8.609   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 129715   | 8.798   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 144209   | 8.604   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 193232   | 8.718   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 152640   | 8.576   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 75652    | 8.712   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 77265    | 8.887   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.832 | 91   | 152473   | 8.525   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 28827    | 8.185   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 64733    | 8.603   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.484 | 75   | 4984     | 8.494   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 41389    | 8.597   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 20348    | 8.381   | ug/l   | 97       |
| 95) Naphthalene               | 15.379 | 128  | 76645    | 8.338   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 34997    | 8.646   | ug/l   | 97       |

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Acq On : 09 Nov 2021 10:32  
Operator : VA/SY  
Sample : VSTDICC010  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

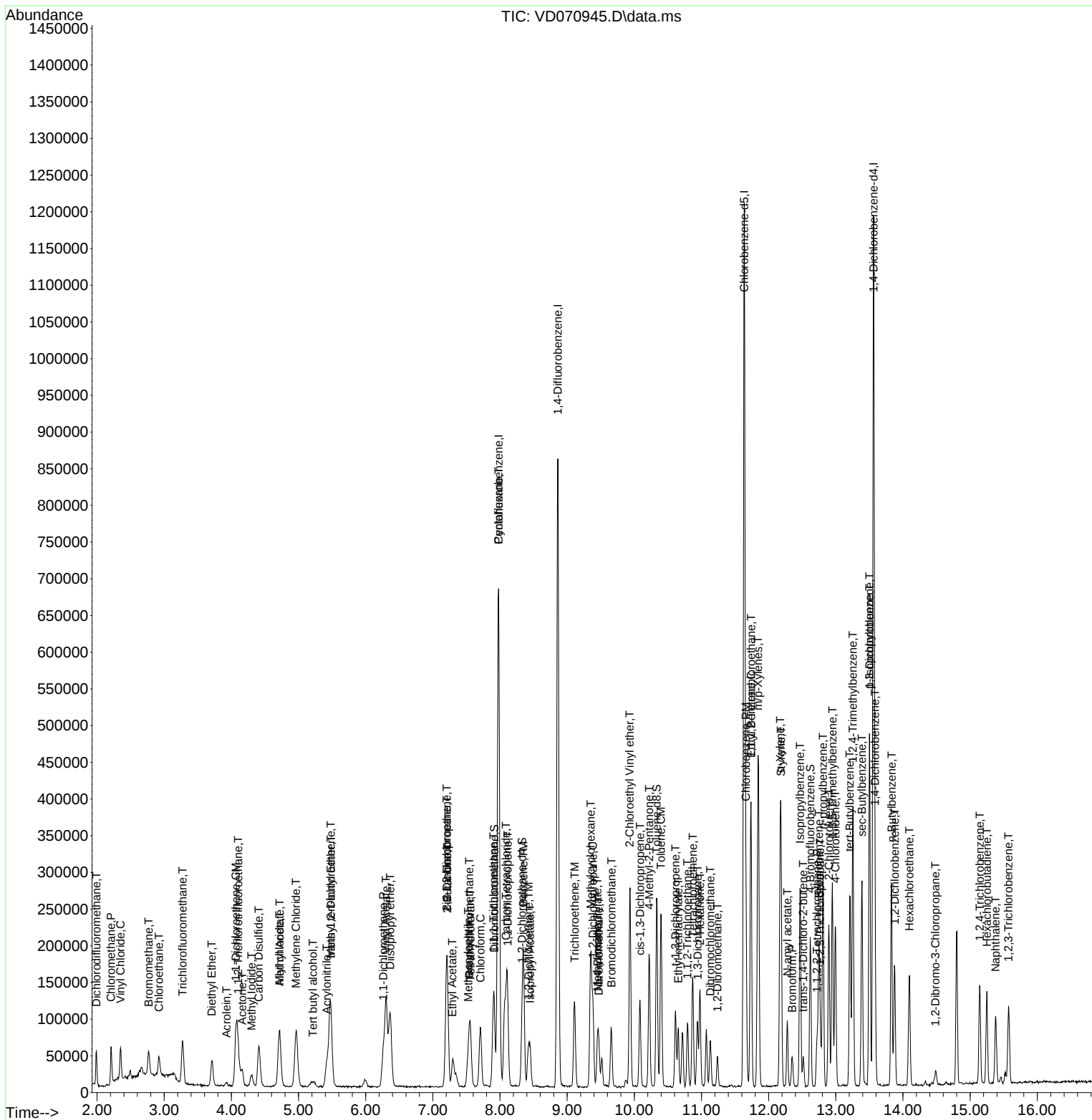
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MSVOA\_D  
ClientSampleId :

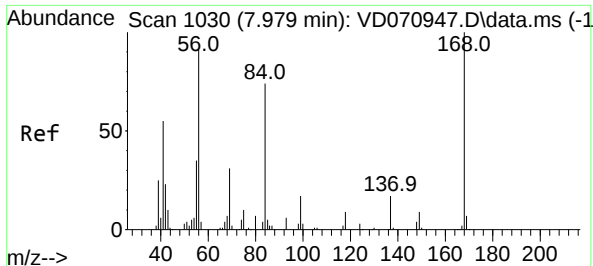
Quant Time: Nov 10 03:41:37 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 10 03:40:32 2021  
Response via : Initial Calibration

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

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

Quant Time: Nov 10 03:41:37 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 10 03:40:32 2021  
Response via : Initial Calibration

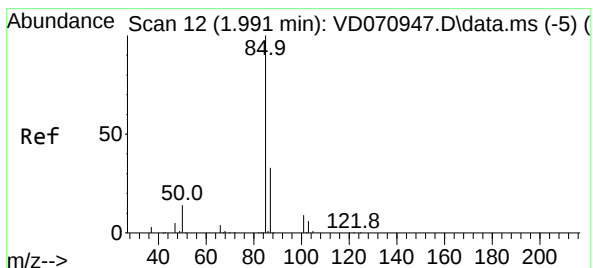
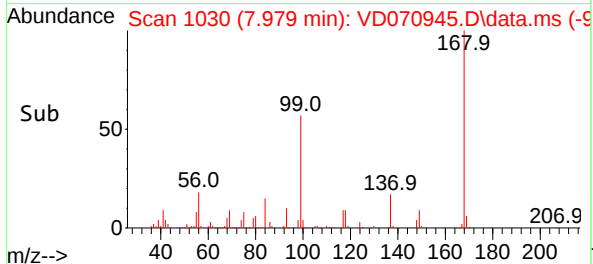
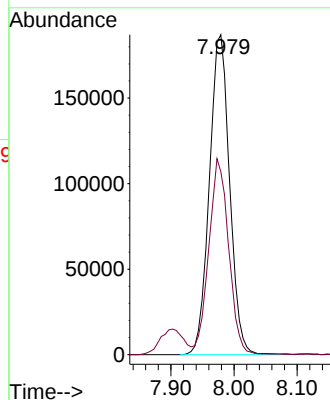
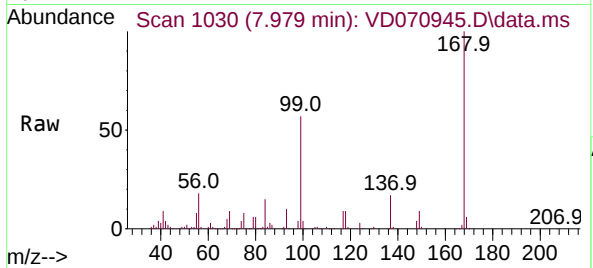




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

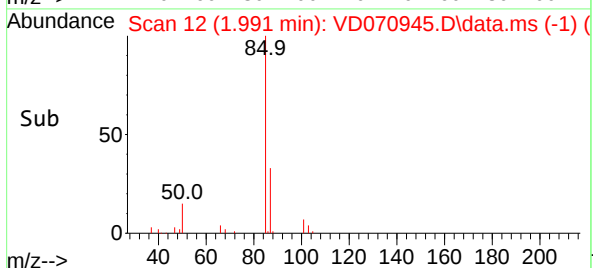
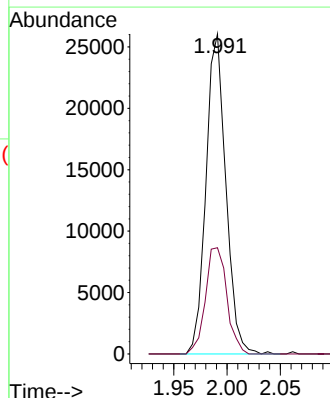
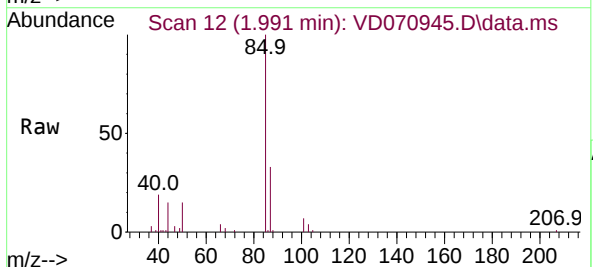
Instrument :  
MSVOA\_D  
ClientSampleId :

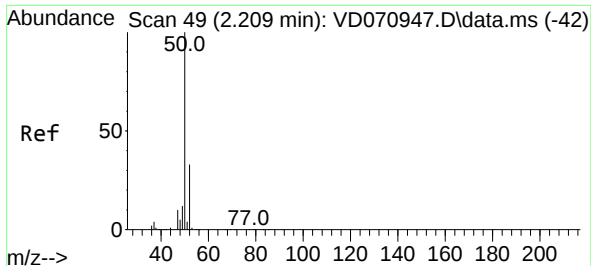
Tgt Ion:168 Resp: 415921  
Ion Ratio Lower Upper  
168 100  
99 56.9 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 9.502 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 85 Resp: 33764  
Ion Ratio Lower Upper  
85 100  
87 33.2 15.2 45.6

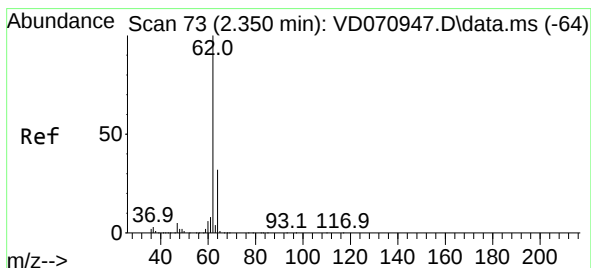
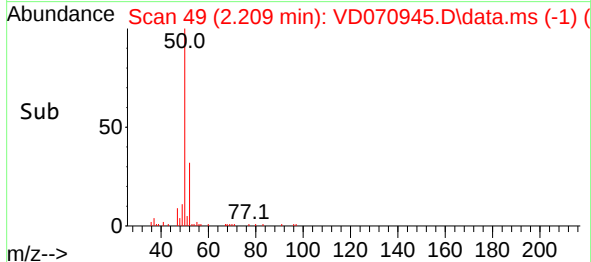
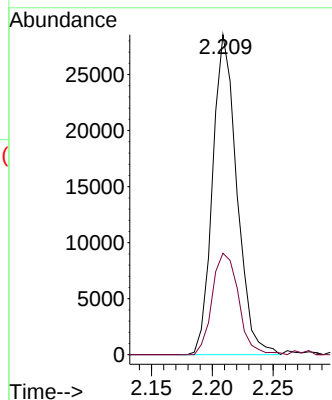
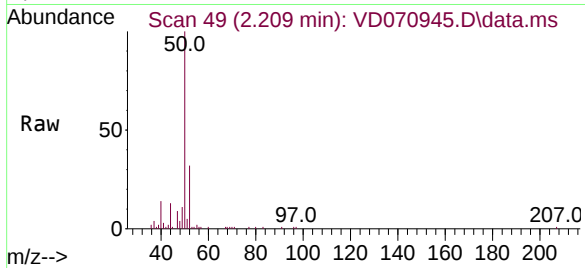




#3  
Chloromethane  
Concen: 9.354 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

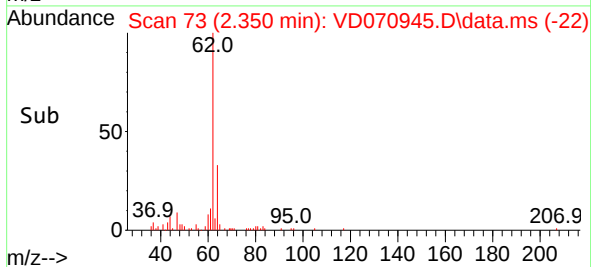
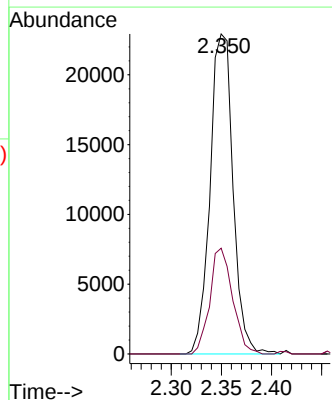
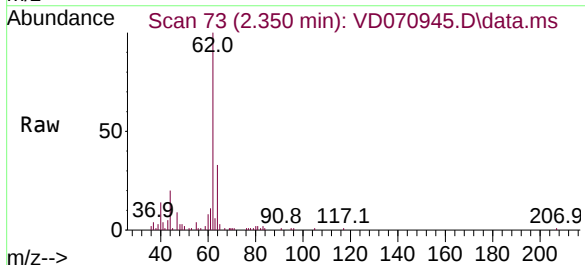
Instrument :  
MSVOA\_D  
ClientSampleId :

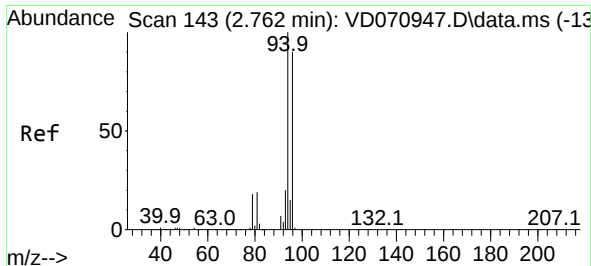
Tgt Ion: 50 Resp: 39555  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.8 38.8



#4  
Vinyl Chloride  
Concen: 8.988 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

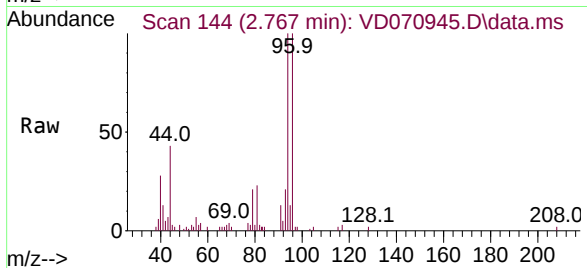
Tgt Ion: 62 Resp: 36551  
Ion Ratio Lower Upper  
62 100  
64 33.0 26.0 39.0



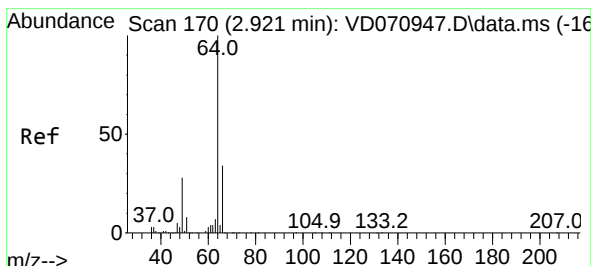
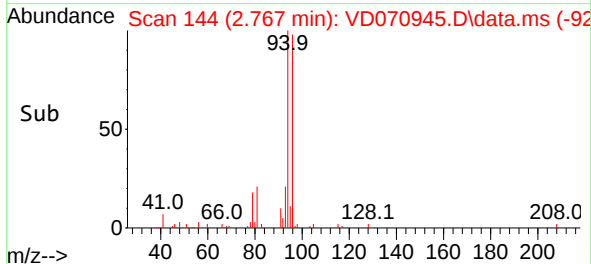
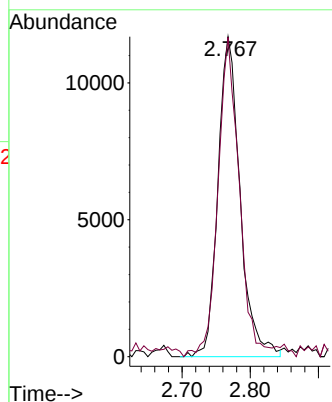


#5  
Bromomethane  
Concen: 9.543 ug/l  
RT: 2.767 min Scan# 143  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

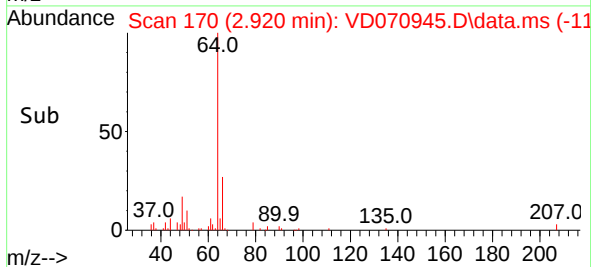
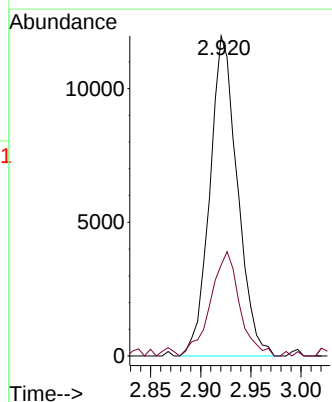
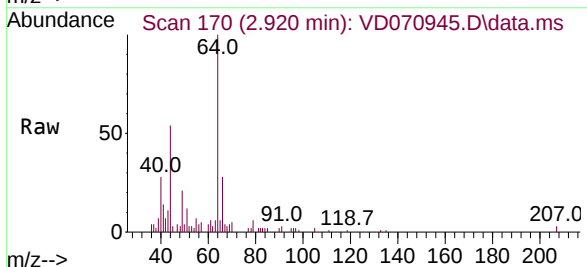


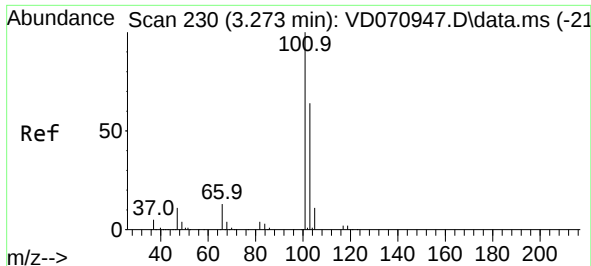
Tgt Ion: 94 Resp: 26453  
Ion Ratio Lower Upper  
94 100  
96 98.1 74.8 112.2



#6  
Chloroethane  
Concen: 8.791 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 64 Resp: 22962  
Ion Ratio Lower Upper  
64 100  
66 28.5 29.0 43.4#

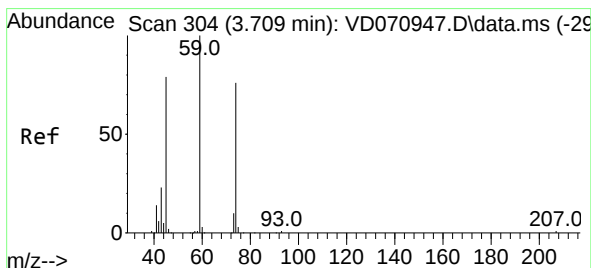
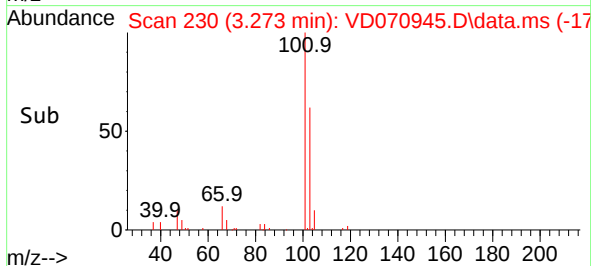
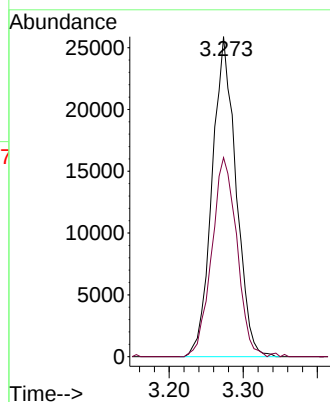
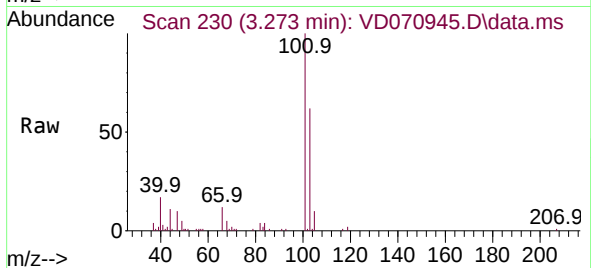




#7  
Trichlorofluoromethane  
Concen: 8.872 ug/l  
RT: 3.273 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

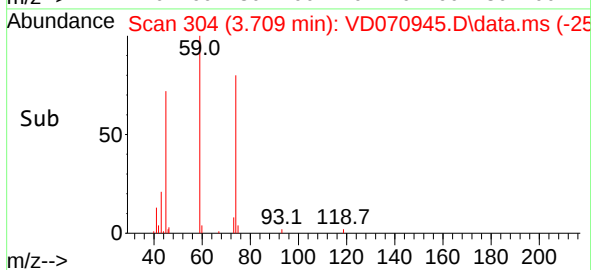
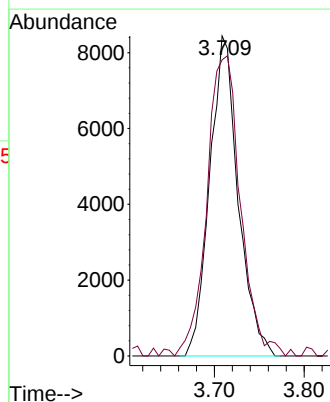
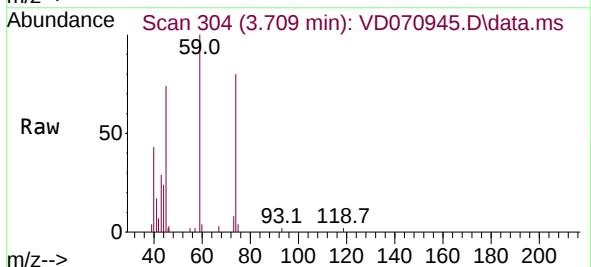
Instrument :  
MSVOA\_D  
ClientSampleId :

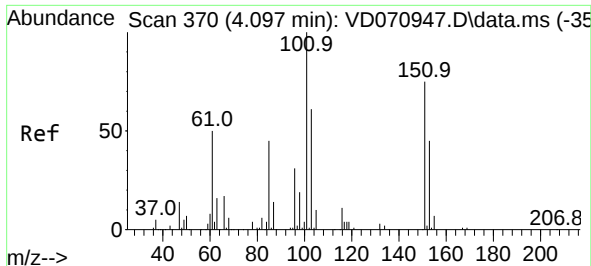
Tgt Ion:101 Resp: 58067  
Ion Ratio Lower Upper  
101 100  
103 62.2 49.7 74.5



#8  
Diethyl Ether  
Concen: 8.586 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

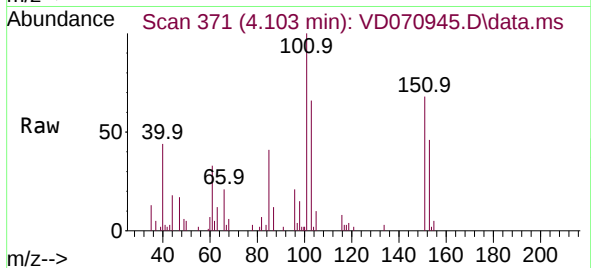
Tgt Ion: 74 Resp: 18598  
Ion Ratio Lower Upper  
74 100  
45 111.5 49.6 149.0



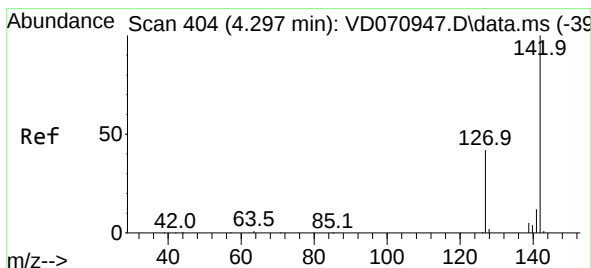
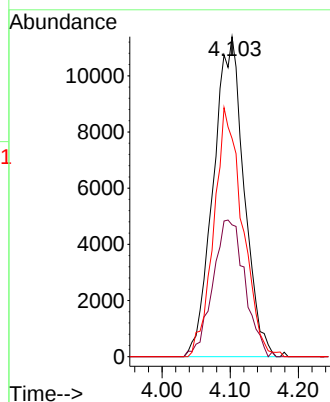
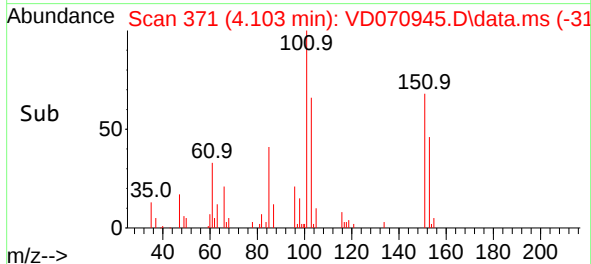


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 8.832 ug/l  
 RT: 4.103 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: VD070945.D  
 Acq: 09 Nov 2021 10:32

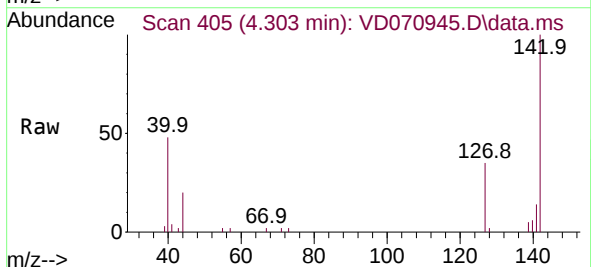
Instrument :  
 MSVOA\_D  
 ClientSampleId :



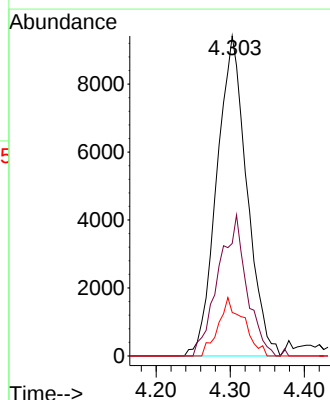
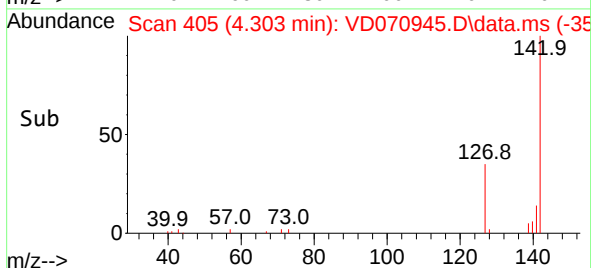
Tgt Ion:101 Resp: 35633  
 Ion Ratio Lower Upper  
 101 100  
 85 44.6 34.8 52.2  
 151 73.0 60.4 90.6

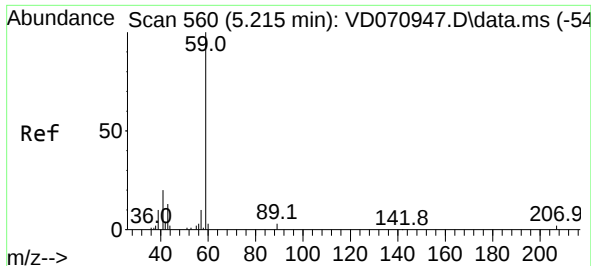


#10  
 Methyl Iodide  
 Concen: 6.695 ug/l  
 RT: 4.303 min Scan# 405  
 Delta R.T. 0.006 min  
 Lab File: VD070945.D  
 Acq: 09 Nov 2021 10:32



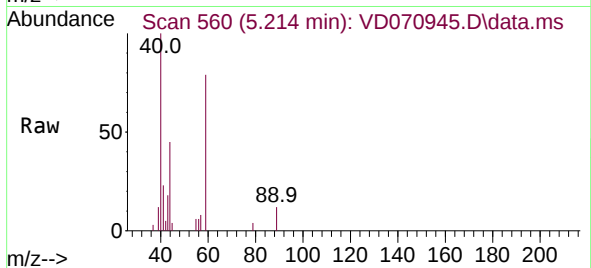
Tgt Ion:142 Resp: 26500  
 Ion Ratio Lower Upper  
 142 100  
 127 41.8 35.0 52.4  
 141 15.4 12.0 18.0



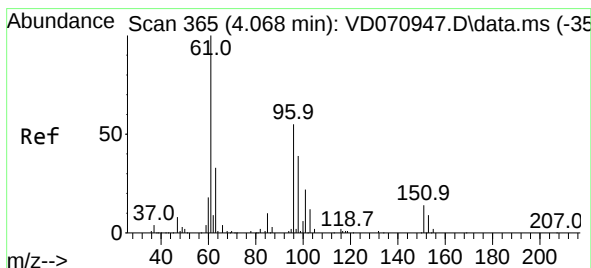
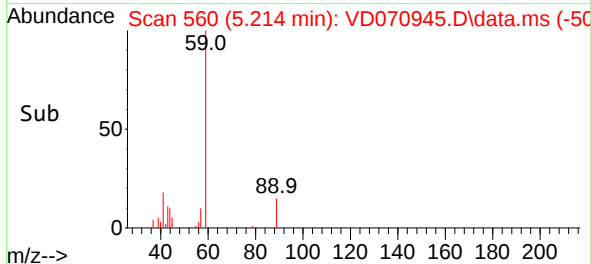
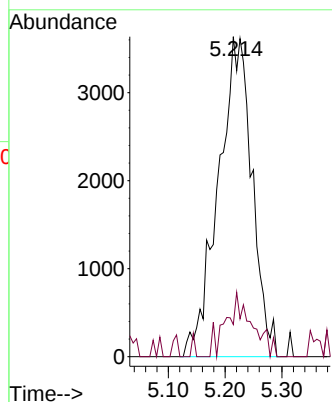


#11  
Tert butyl alcohol  
Concen: 46.401 ug/l  
RT: 5.214 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

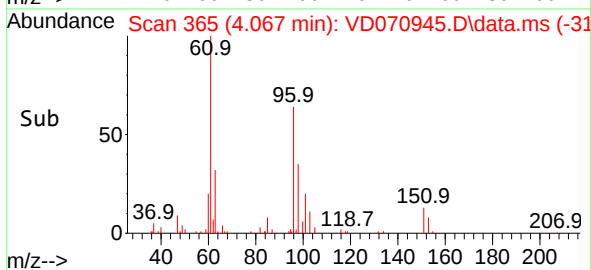
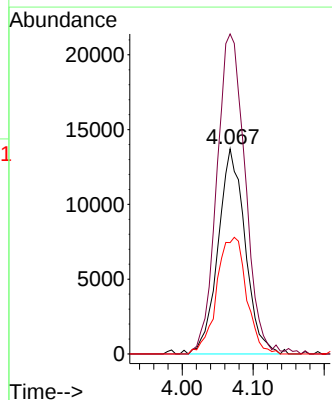
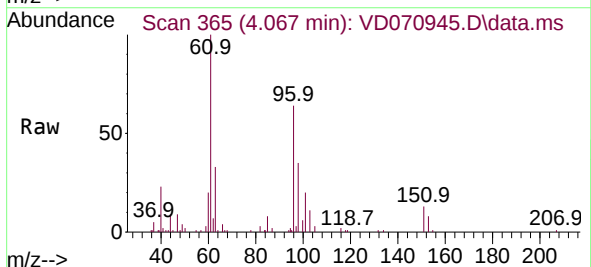


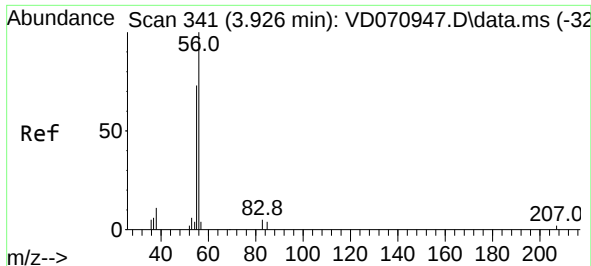
Tgt Ion: 59 Resp: 15017  
Ion Ratio Lower Upper  
59 100  
57 15.4 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 9.169 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 96 Resp: 36214  
Ion Ratio Lower Upper  
96 100  
61 156.0 120.3 180.5  
98 54.3 54.4 81.6#

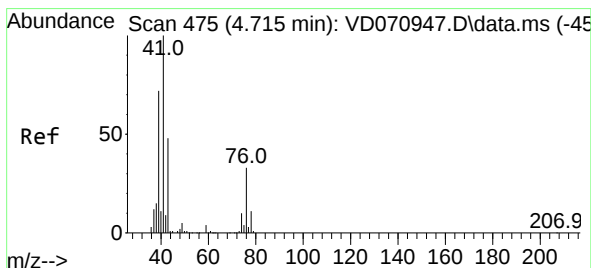
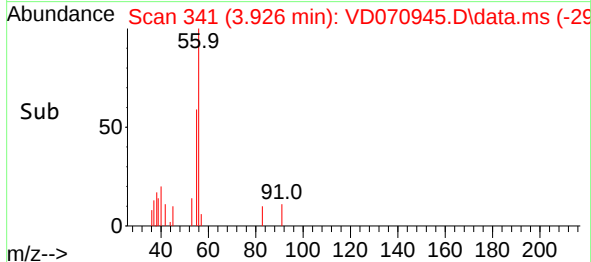
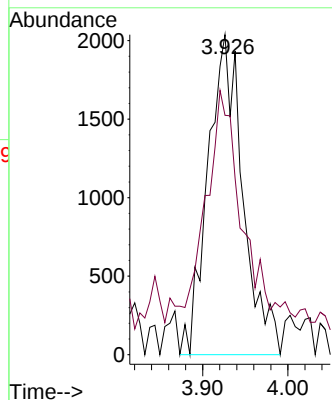
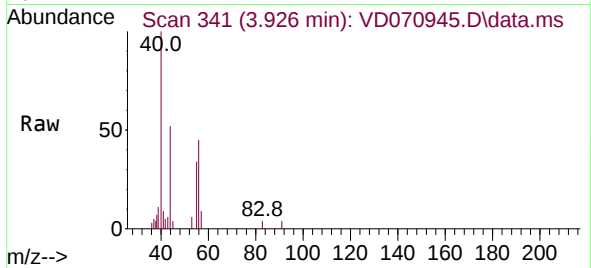




#13  
Acrolein  
Concen: 52.304 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

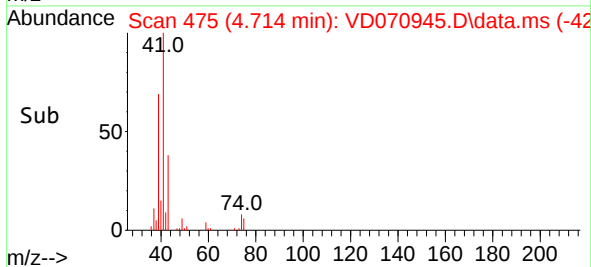
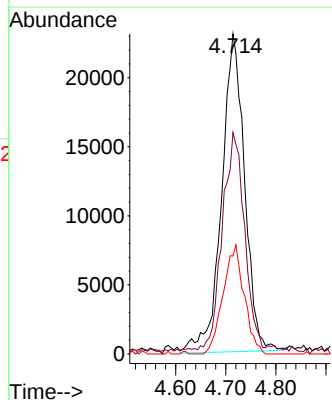
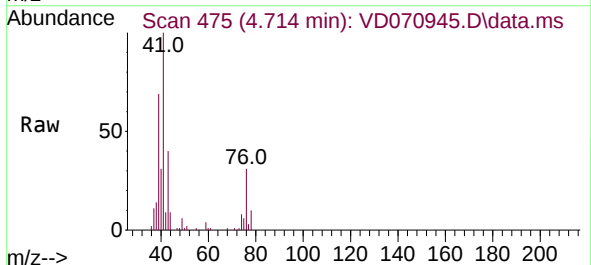
Instrument :  
MSVOA\_D  
ClientSampleId :

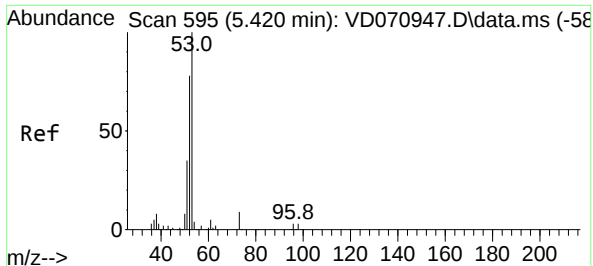
Tgt Ion: 56 Resp: 5821  
Ion Ratio Lower Upper  
56 100  
55 81.1 58.6 87.8



#14  
Allyl chloride  
Concen: 8.910 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

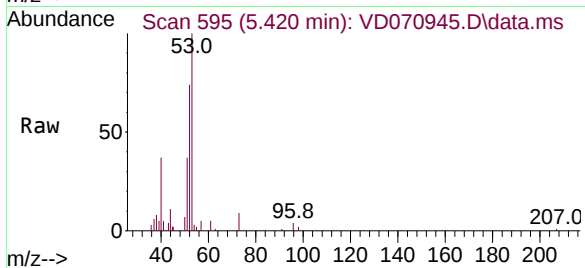
Tgt Ion: 41 Resp: 73295  
Ion Ratio Lower Upper  
41 100  
39 65.5 45.6 68.4  
76 31.4 30.2 45.4



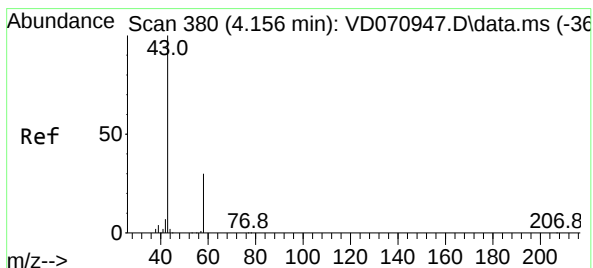
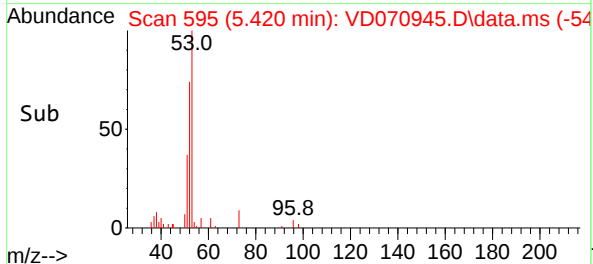
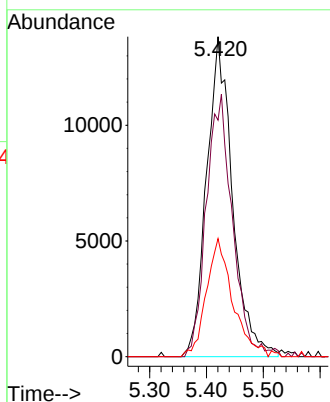


#15  
Acrylonitrile  
Concen: 42.219 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

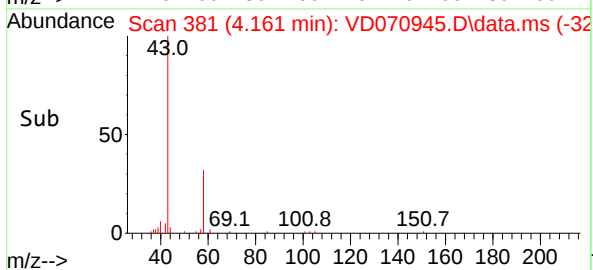
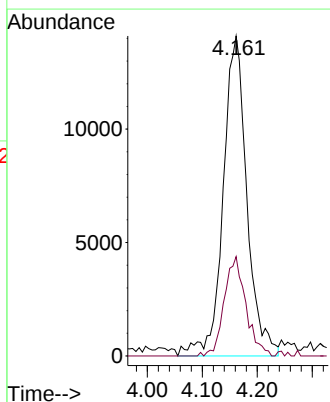
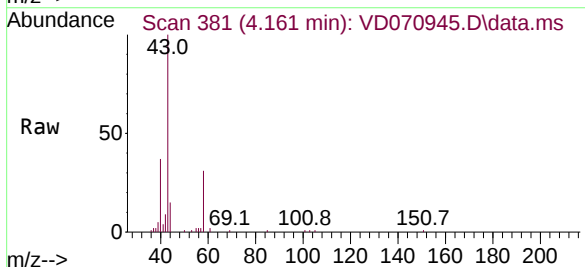


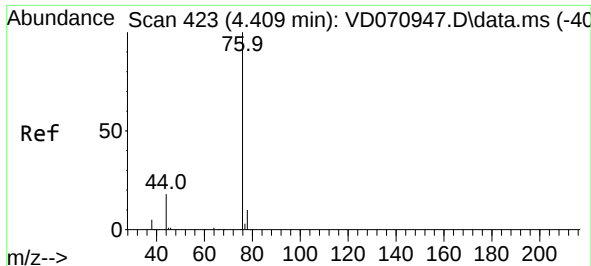
Tgt Ion: 53 Resp: 43758  
Ion Ratio Lower Upper  
53 100  
52 82.4 63.8 95.8  
51 37.7 28.5 42.7



#16  
Acetone  
Concen: 38.234 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 43 Resp: 42440  
Ion Ratio Lower Upper  
43 100  
58 31.0 27.8 41.8

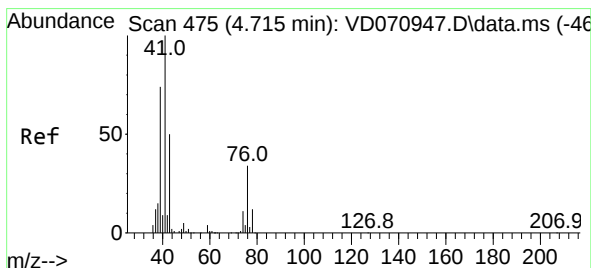
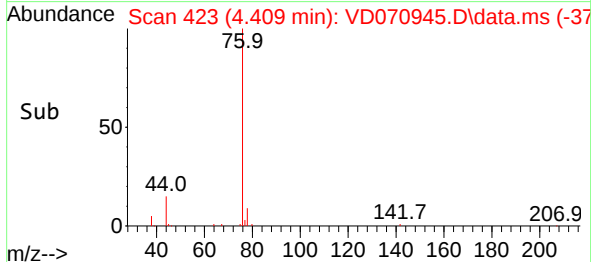
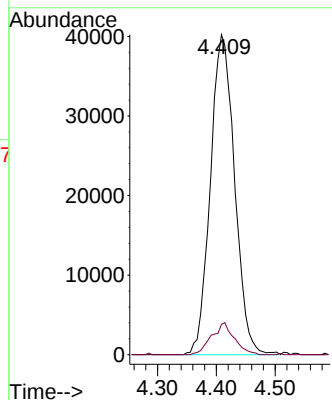
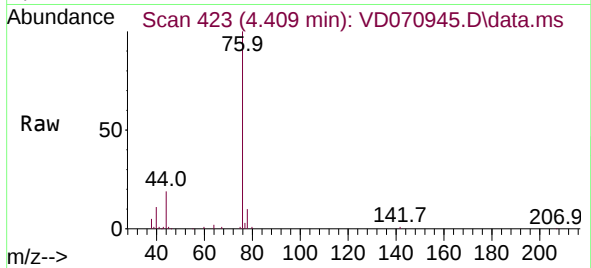




#17  
Carbon Disulfide  
Concen: 9.027 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

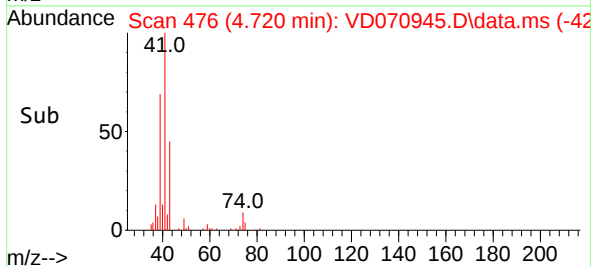
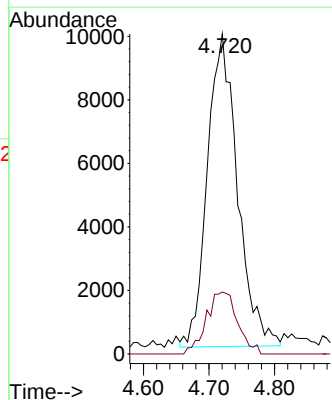
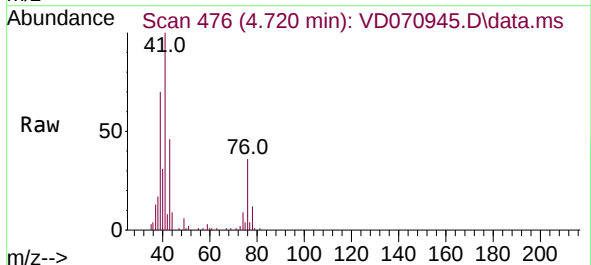
Instrument :  
MSVOA\_D  
ClientSampleId :

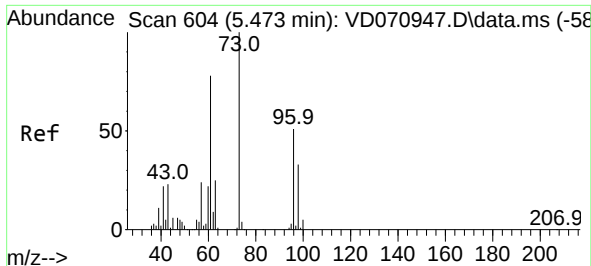
Tgt Ion: 76 Resp: 115125  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.8 11.8



#18  
Methyl Acetate  
Concen: 8.268 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 43 Resp: 31411  
Ion Ratio Lower Upper  
43 100  
74 20.4 19.3 28.9

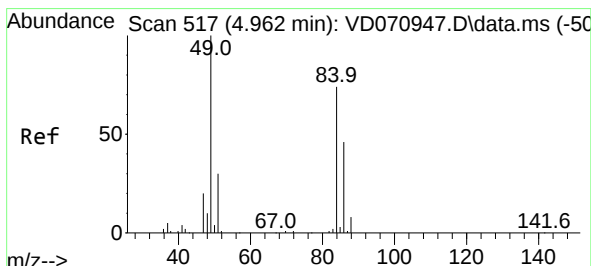
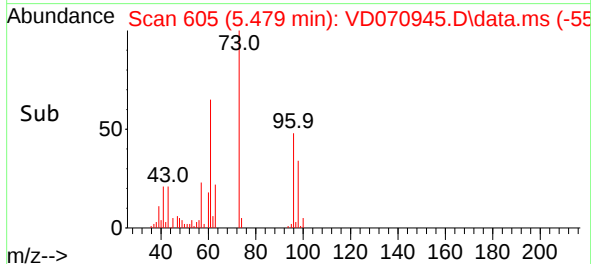
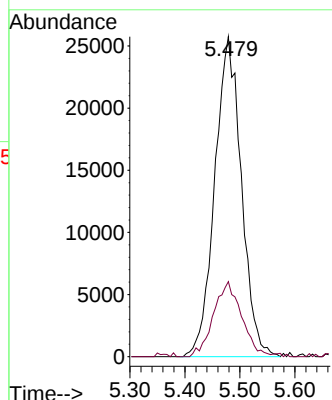
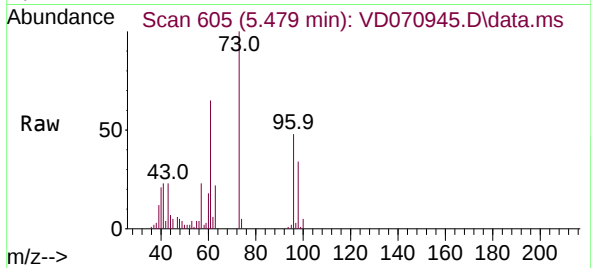




#19  
Methyl tert-butyl Ether  
Concen: 8.481 ug/l  
RT: 5.479 min Scan# 604  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

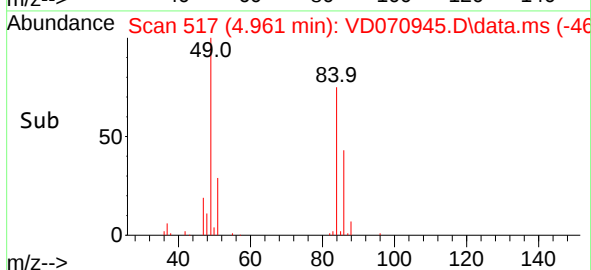
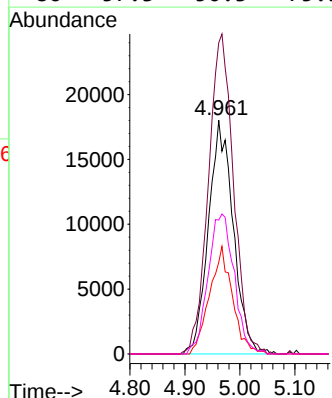
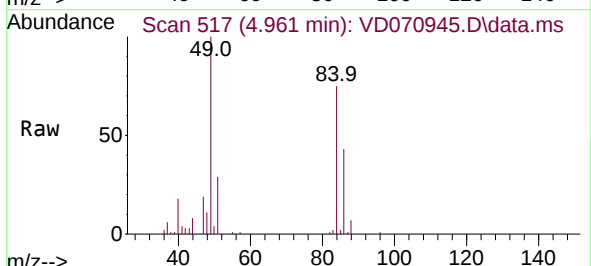
Instrument :  
MSVOA\_D  
ClientSampleId :

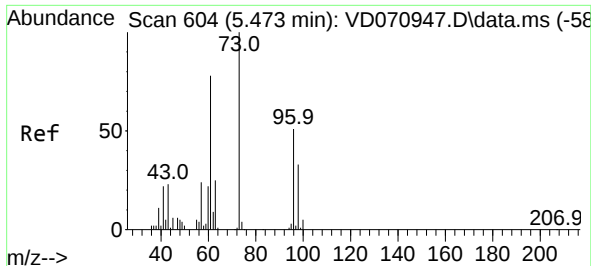
Tgt Ion: 73 Resp: 86475  
Ion Ratio Lower Upper  
73 100  
57 23.4 18.9 28.3



#20  
Methylene Chloride  
Concen: 10.226 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

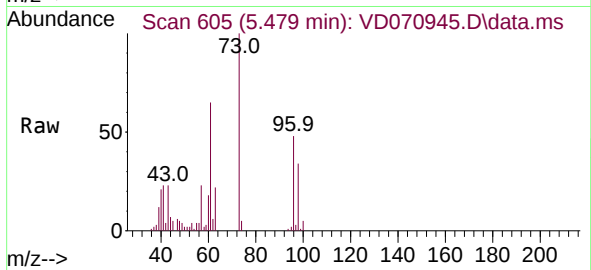
Tgt Ion: 84 Resp: 56582  
Ion Ratio Lower Upper  
84 100  
49 133.1 95.8 143.6  
51 39.2 30.9 46.3  
86 57.3 50.3 75.5



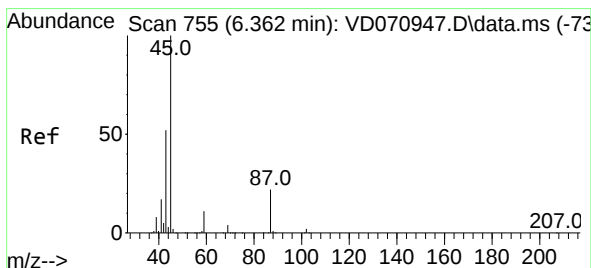
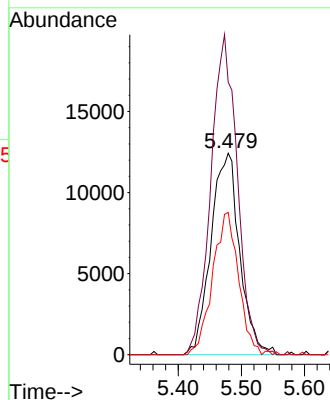
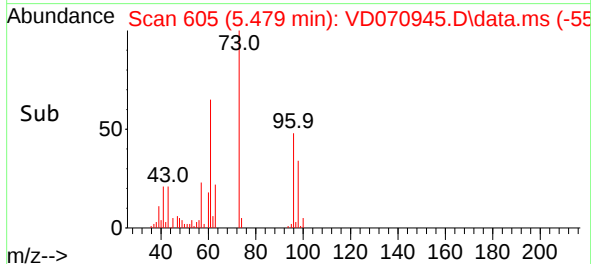


#21  
trans-1,2-Dichloroethene  
Concen: 8.685 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

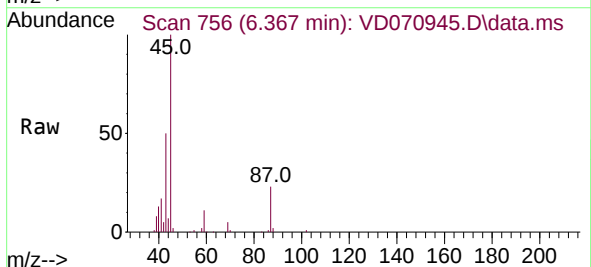
Instrument :  
MSVOA\_D  
ClientSampleId :



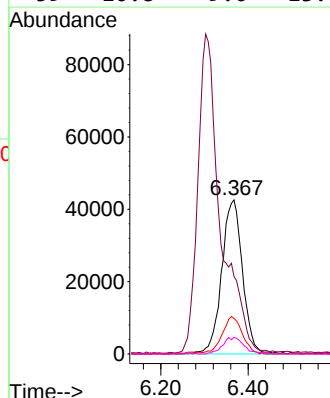
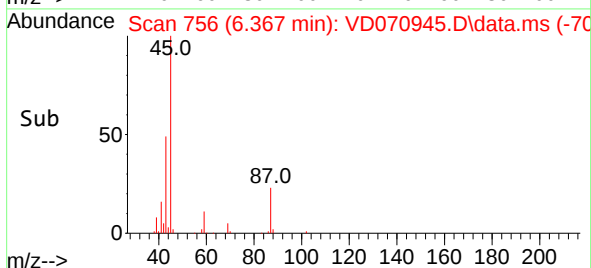
Tgt Ion: 96 Resp: 39318  
Ion Ratio Lower Upper  
96 100  
61 135.3 102.1 153.1  
98 70.6 50.1 75.1

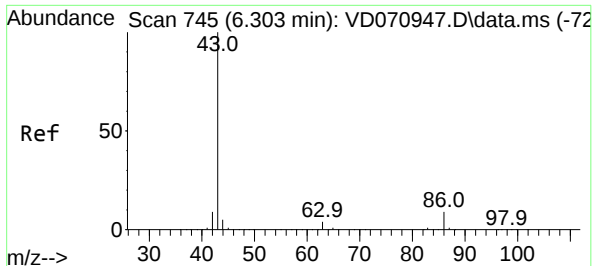


#22  
Diisopropyl ether  
Concen: 8.603 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32



Tgt Ion: 45 Resp: 140700  
Ion Ratio Lower Upper  
45 100  
43 49.1 39.6 59.4  
87 23.0 21.2 31.8  
59 10.8 9.0 13.6

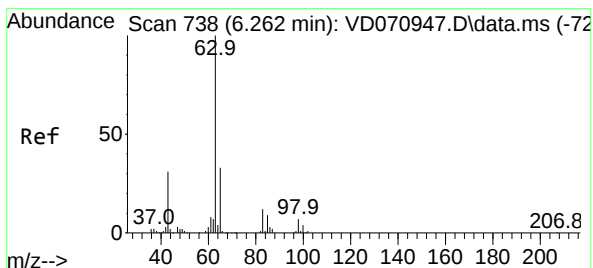
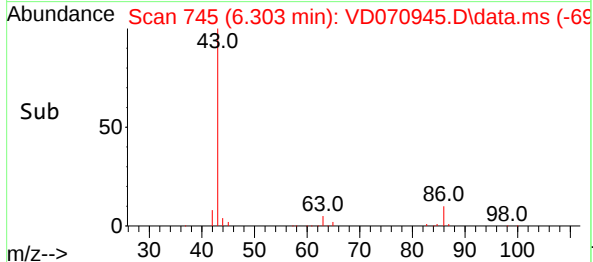
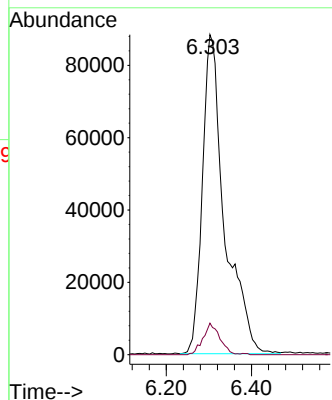
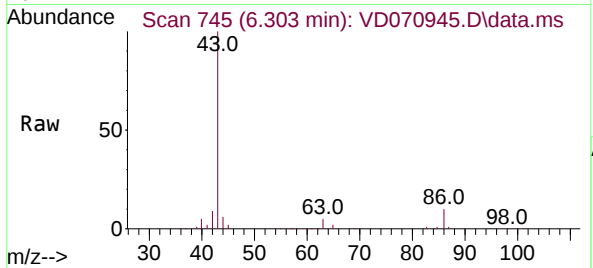




#23  
 Vinyl Acetate  
 Concen: 40.639 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070945.D  
 Acq: 09 Nov 2021 10:32

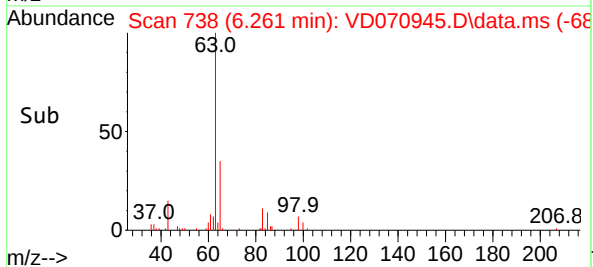
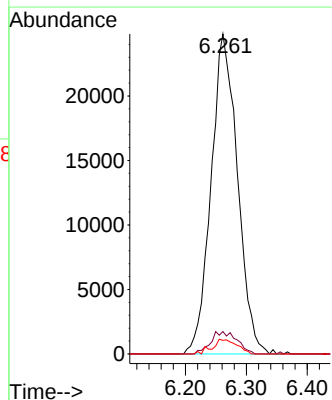
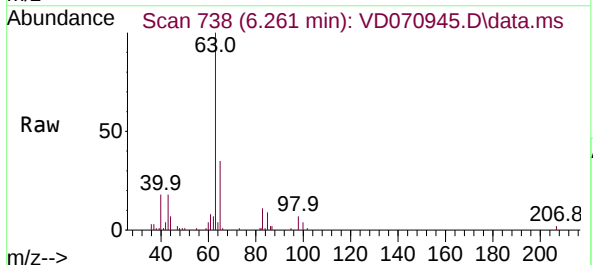
Instrument :  
 MSVOA\_D  
 ClientSampleId :

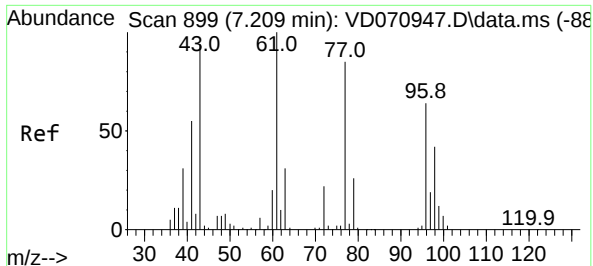
Tgt Ion: 43 Resp: 319146  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 8.561 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070945.D  
 Acq: 09 Nov 2021 10:32

Tgt Ion: 63 Resp: 74786  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.6  
 100 4.2 2.1 6.3

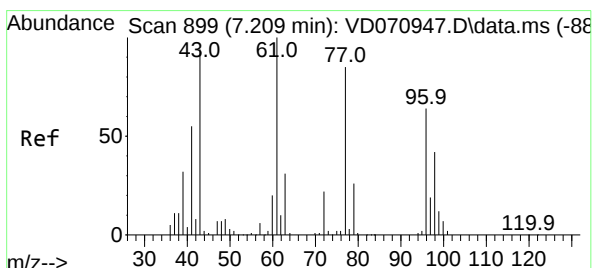
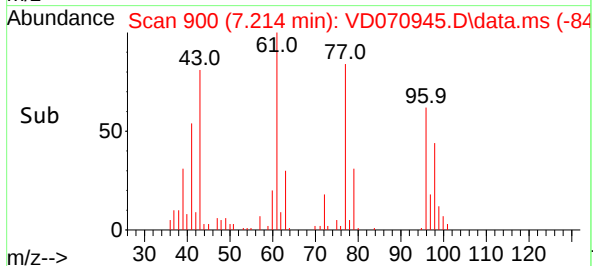
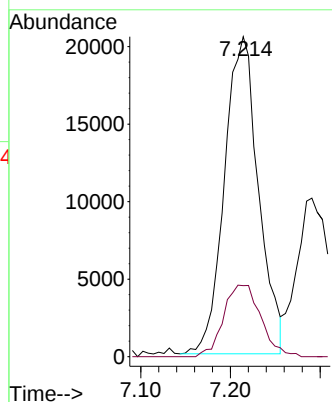
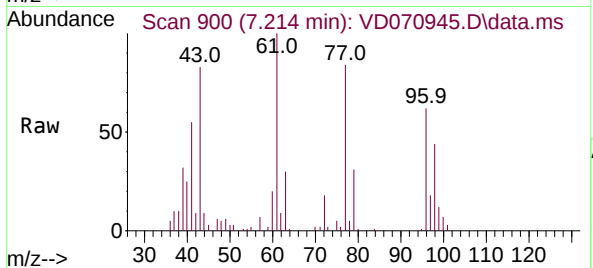




#25  
2-Butanone  
Concen: 38.404 ug/l  
RT: 7.214 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

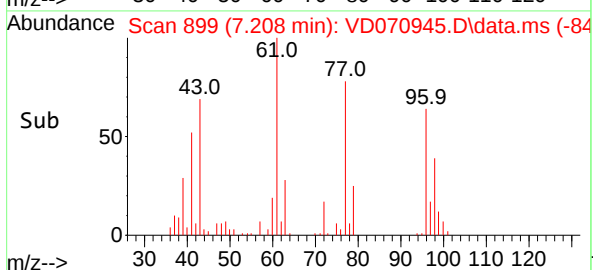
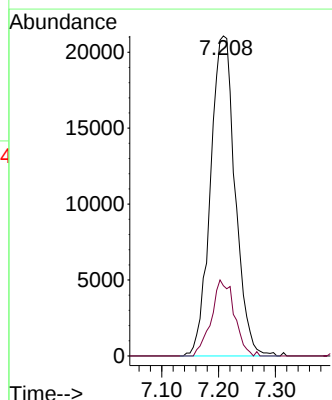
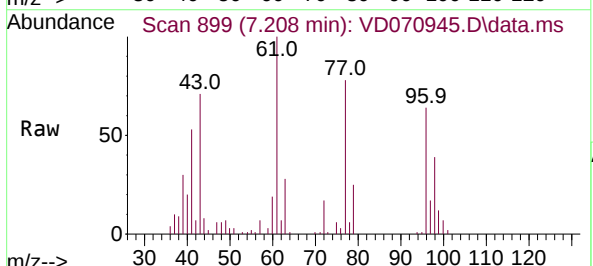
Instrument :  
MSVOA\_D  
ClientSampleId :

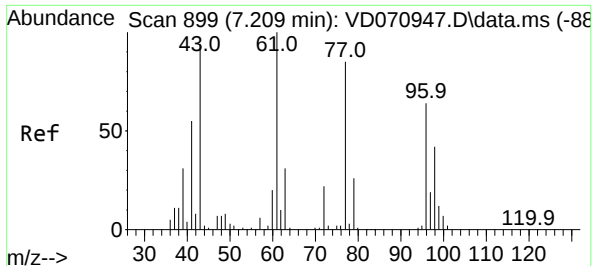
Tgt Ion: 43 Resp: 53988  
Ion Ratio Lower Upper  
43 100  
72 22.4 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 8.619 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 77 Resp: 63539  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 8.647 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :

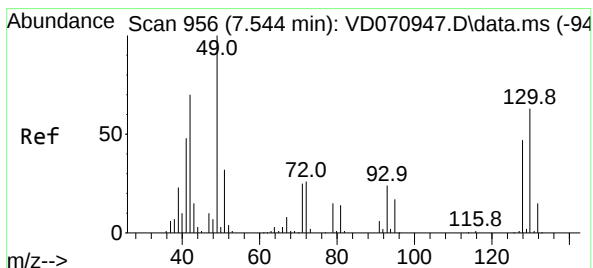
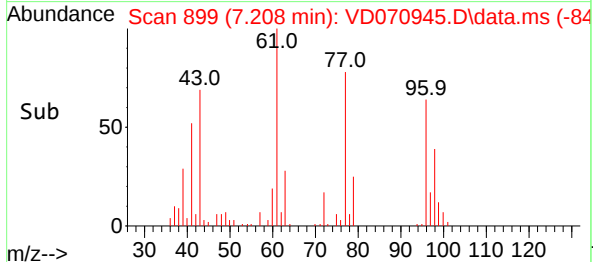
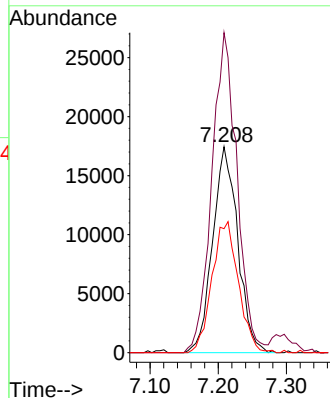
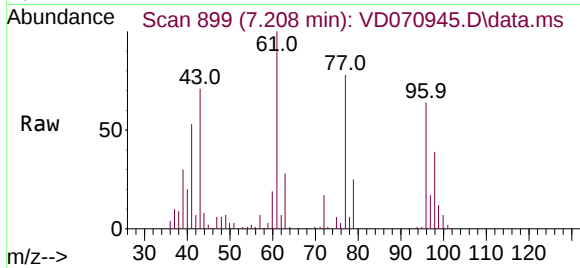
Tgt Ion: 96 Resp: 44746

Ion Ratio Lower Upper

96 100

61 156.3 0.0 288.6

98 67.0 0.0 129.2



#28

Bromochloromethane

Concen: 9.902 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

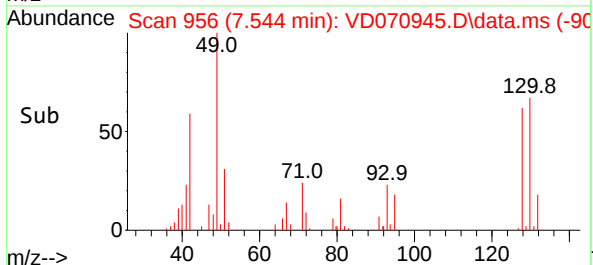
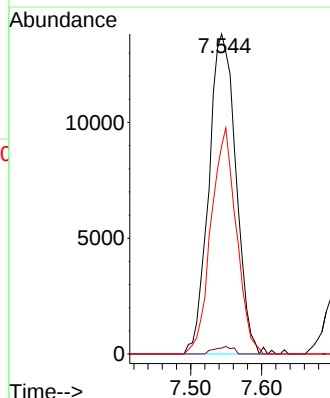
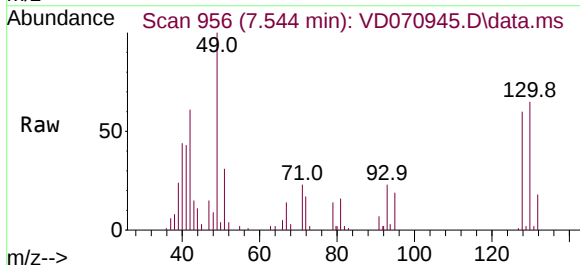
Tgt Ion: 49 Resp: 36687

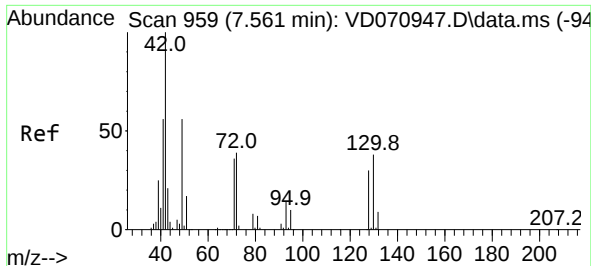
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 65.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 43.592 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

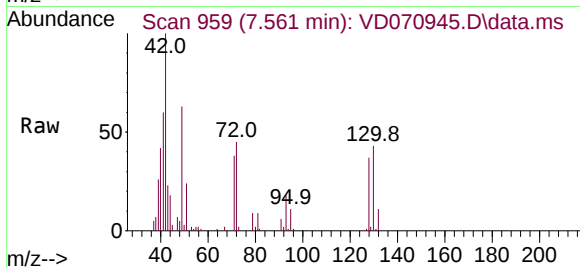
Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

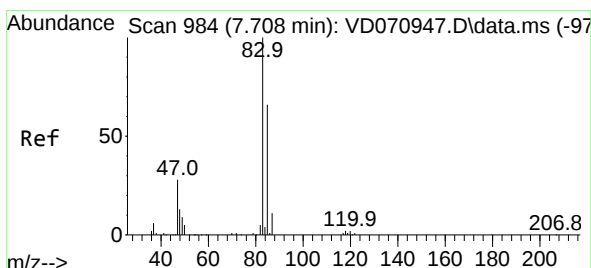
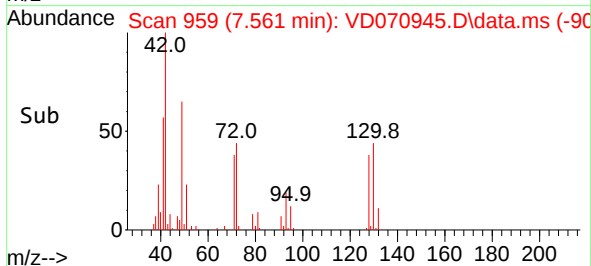
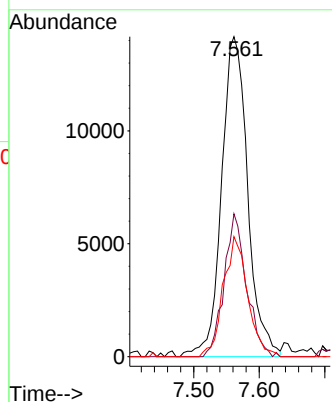
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 39222 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 38.2  | 33.7  | 50.5  |
| 71       | 34.9  | 32.7  | 49.1  |



#30

Chloroform

Concen: 8.672 ug/l

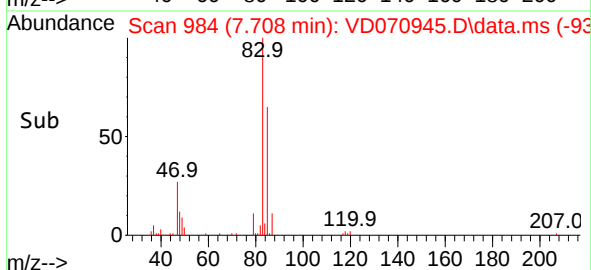
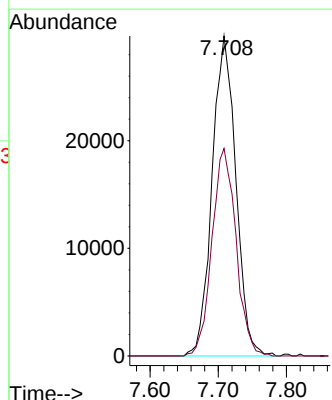
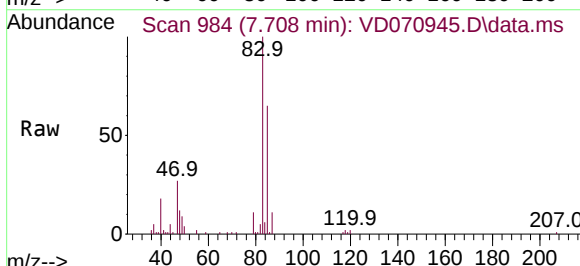
RT: 7.708 min Scan# 984

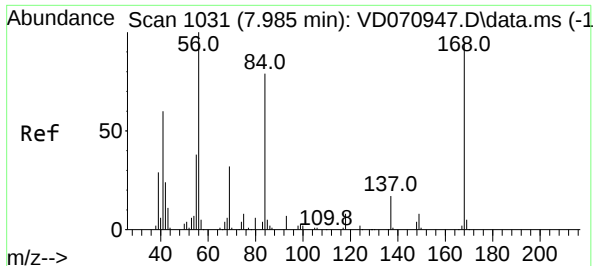
Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 72020 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.9  | 51.0  | 76.6  |





#31

Cyclohexane

Concen: 9.299 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :

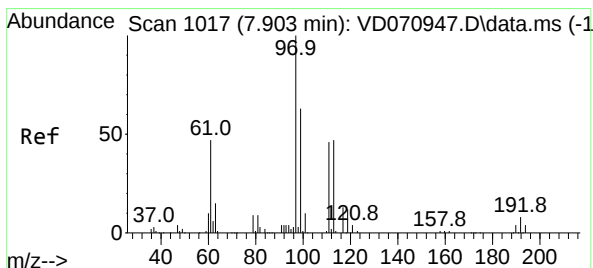
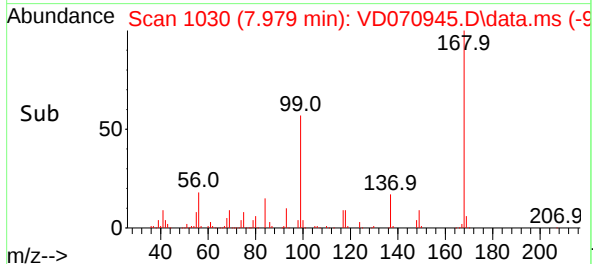
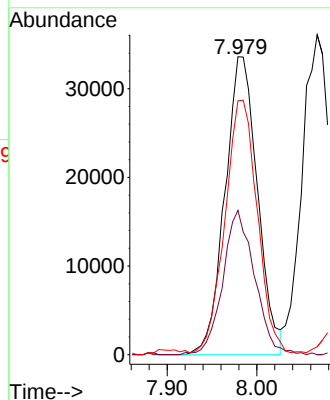
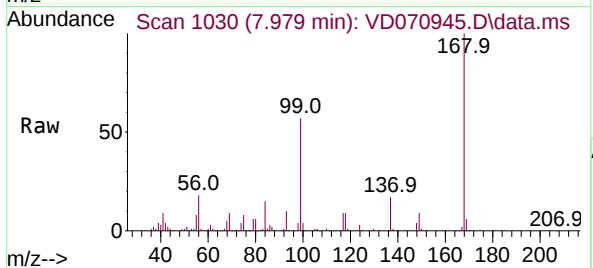
Tgt Ion: 56 Resp: 84689

Ion Ratio Lower Upper

56 100

69 48.4 25.9 38.9#

84 84.3 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 8.462 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

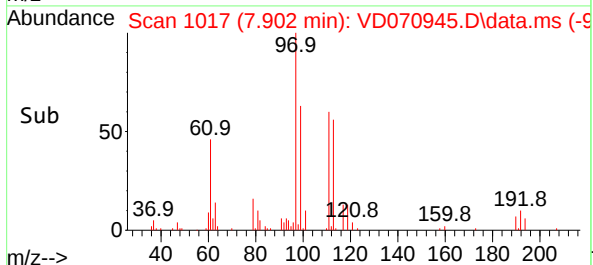
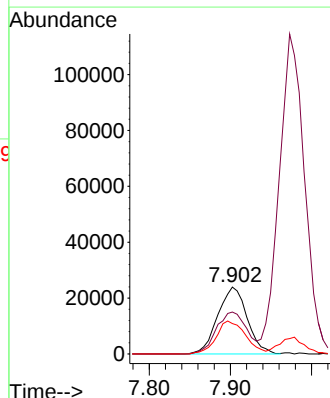
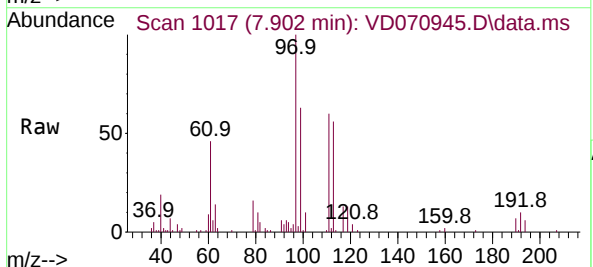
Tgt Ion: 97 Resp: 60361

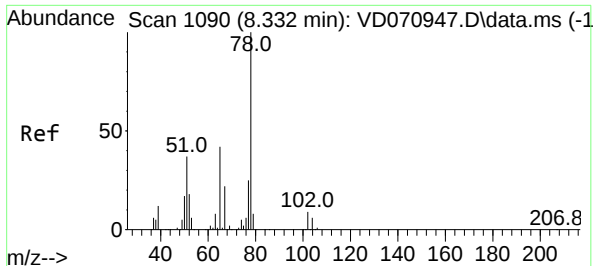
Ion Ratio Lower Upper

97 100

99 64.8 50.3 75.5

61 49.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 10.000 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

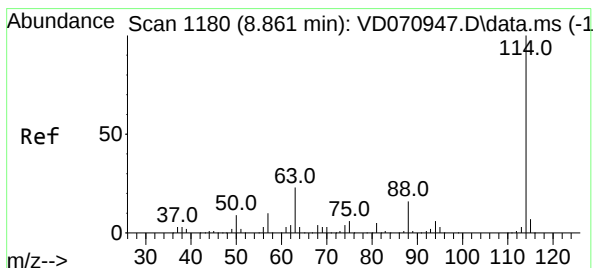
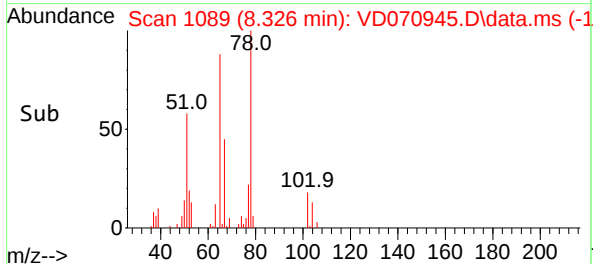
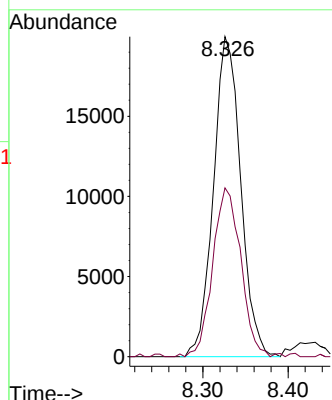
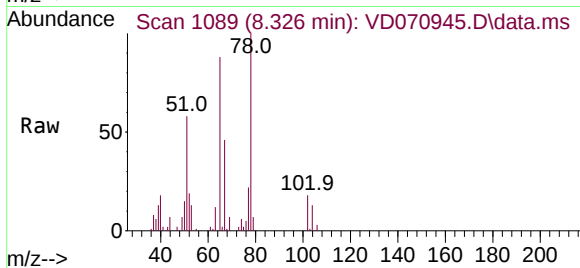
ClientSampleId :

Tgt Ion: 65 Resp: 44283

Ion Ratio Lower Upper

65 100

67 54.4 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

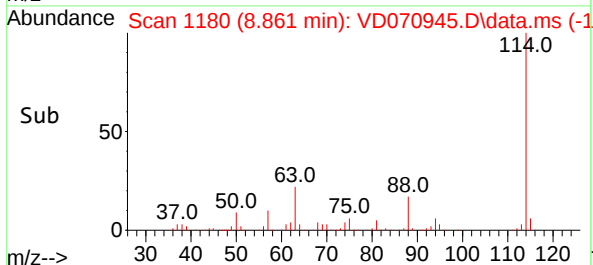
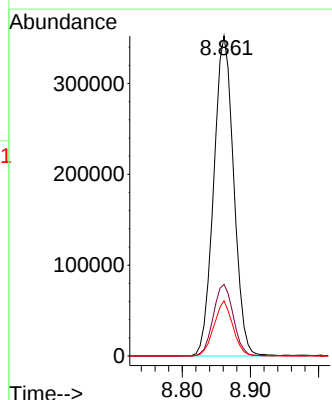
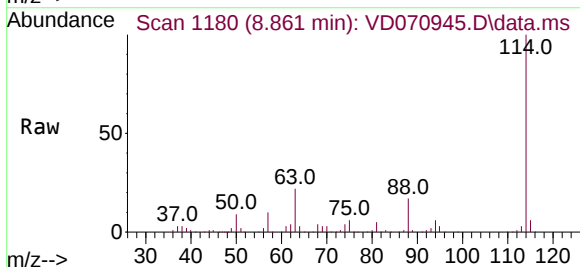
Tgt Ion: 114 Resp: 718895

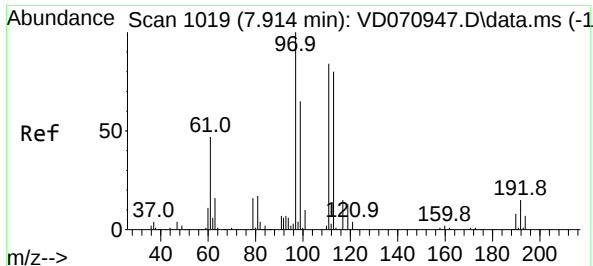
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 10.680 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

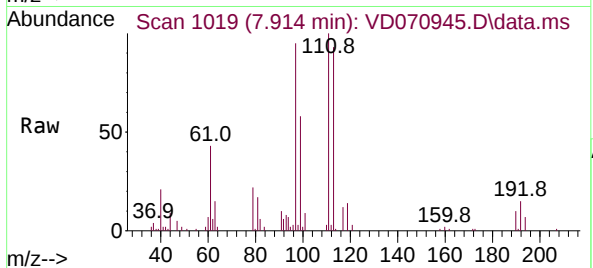
Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :



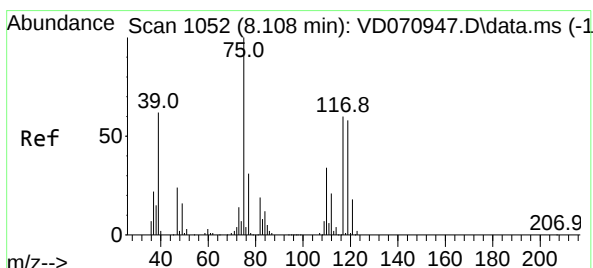
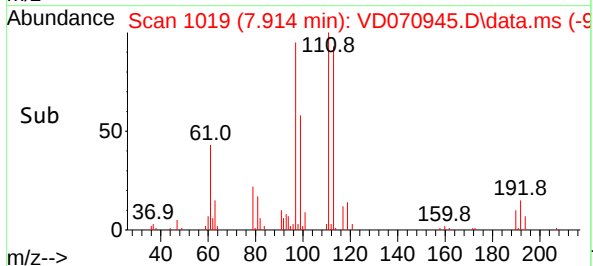
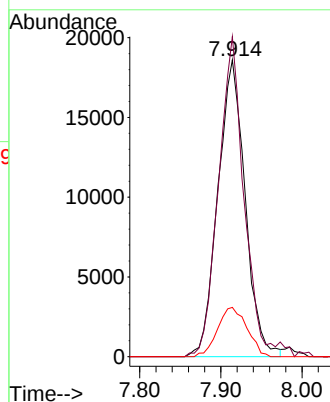
Tgt Ion:113 Resp: 43325

Ion Ratio Lower Upper

113 100

111 100.6 82.0 123.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 8.955 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

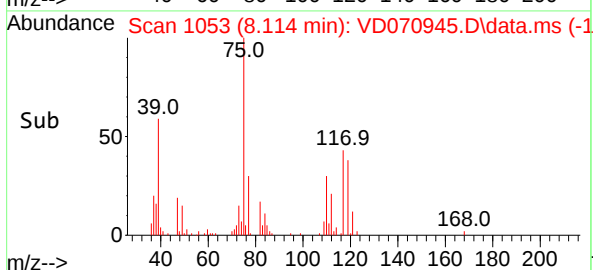
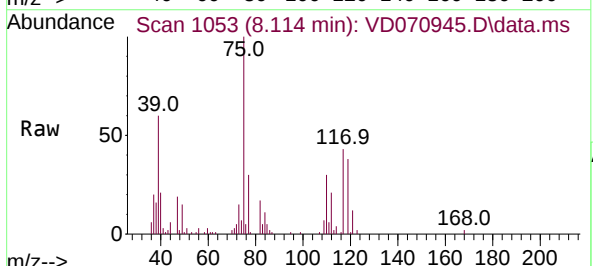
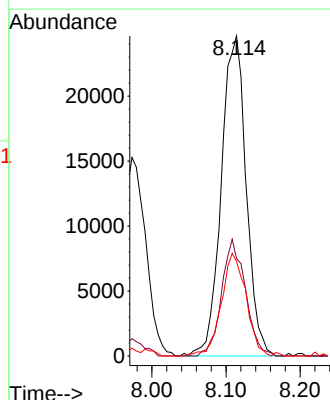
Tgt Ion: 75 Resp: 57480

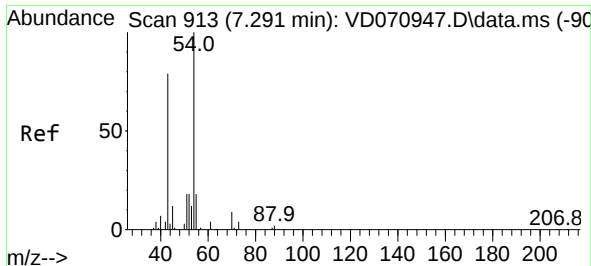
Ion Ratio Lower Upper

75 100

110 34.9 17.8 53.4

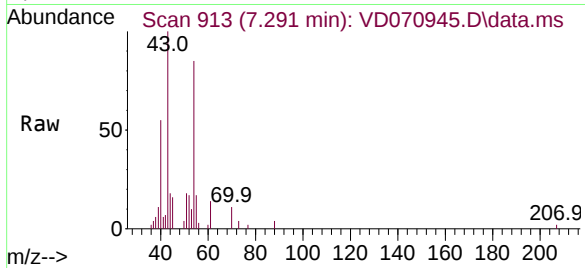
77 31.8 24.8 37.2



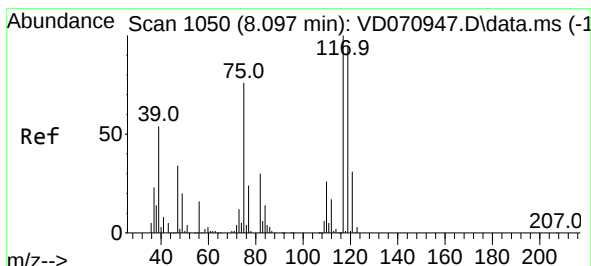
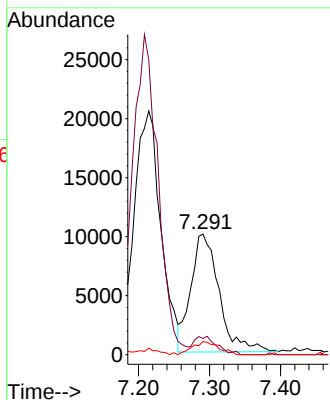
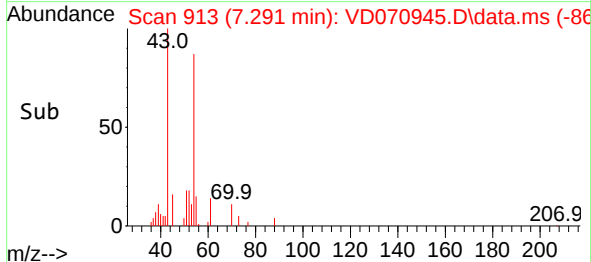


#37  
Ethyl Acetate  
Concen: 9.466 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

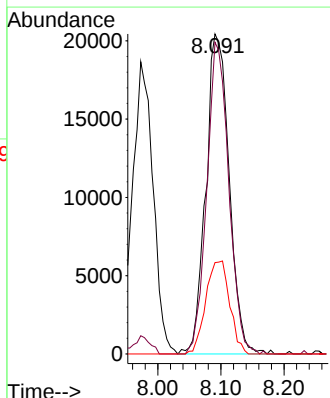
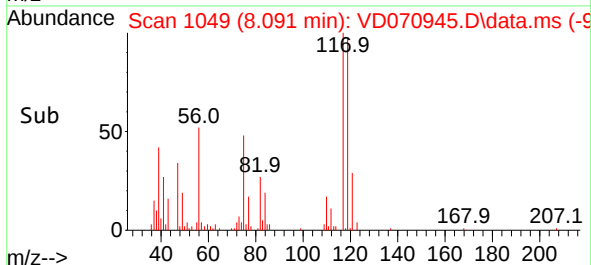
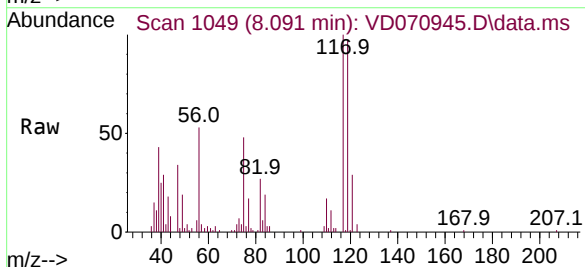


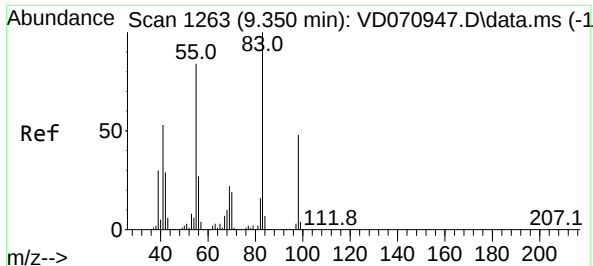
Tgt Ion: 43 Resp: 27719  
Ion Ratio Lower Upper  
43 100  
61 12.2 13.0 19.6#  
70 10.4 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 8.887 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 117 Resp: 52529  
Ion Ratio Lower Upper  
117 100  
119 97.4 75.8 113.6  
121 28.6 23.6 35.4





#39

Methylcyclohexane

Concen: 8.973 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.000 min

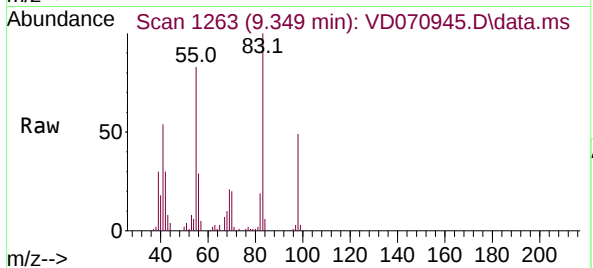
Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :



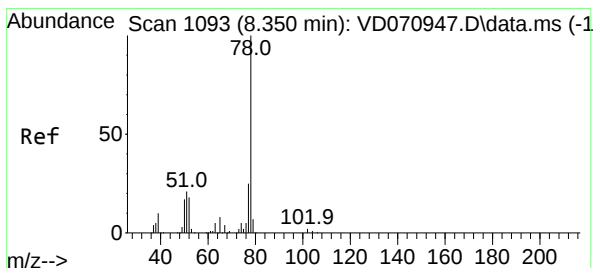
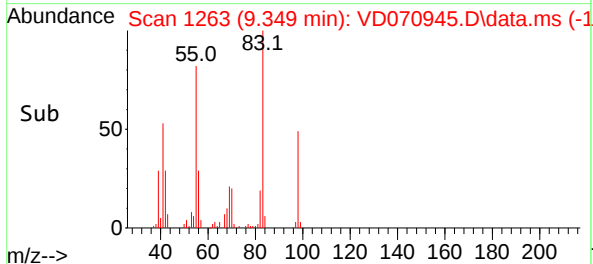
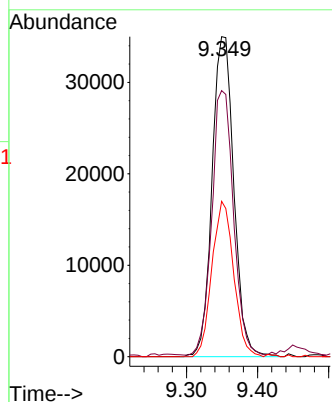
Tgt Ion: 83 Resp: 74382

Ion Ratio Lower Upper

83 100

55 82.5 65.8 98.8

98 48.6 38.7 58.1



#40

Benzene

Concen: 8.952 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD070945.D

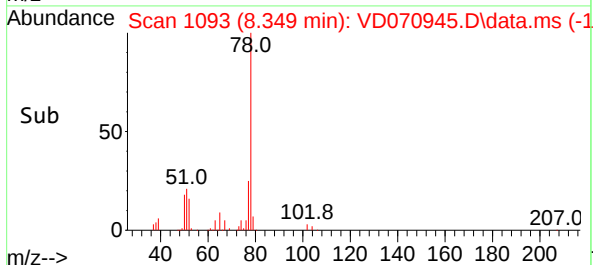
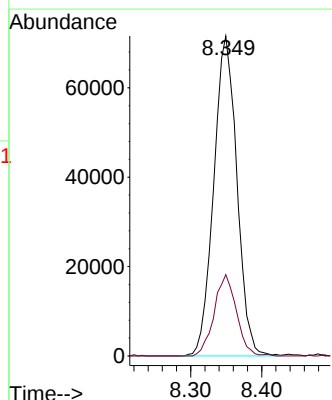
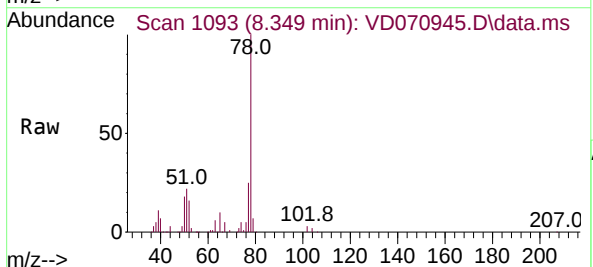
Acq: 09 Nov 2021 10:32

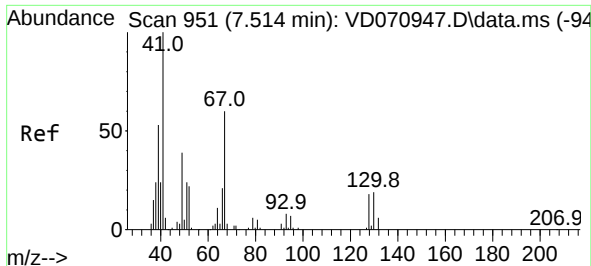
Tgt Ion: 78 Resp: 161819

Ion Ratio Lower Upper

78 100

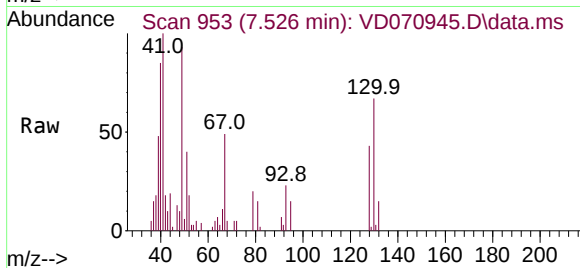
77 25.4 19.1 28.7



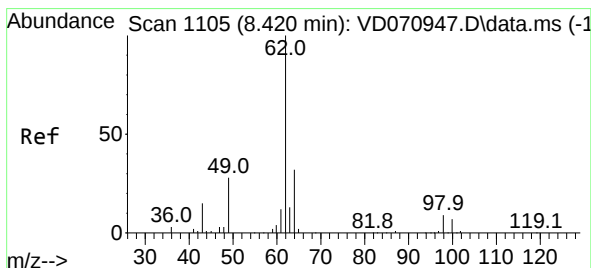
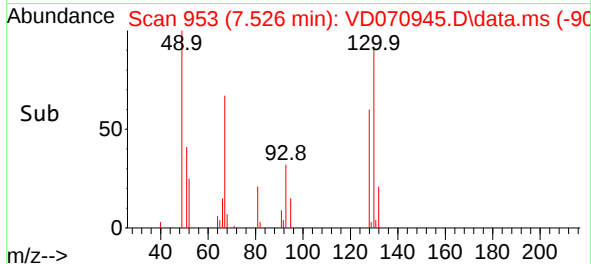
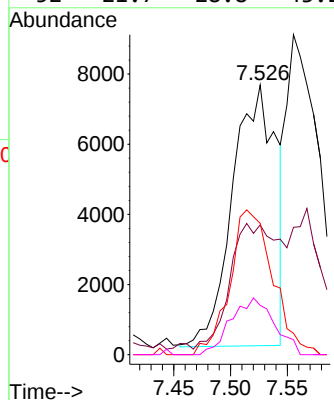


#41  
Methacrylonitrile  
Concen: 13.682 ug/l  
RT: 7.526 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

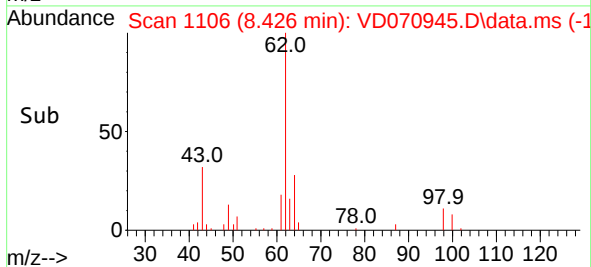
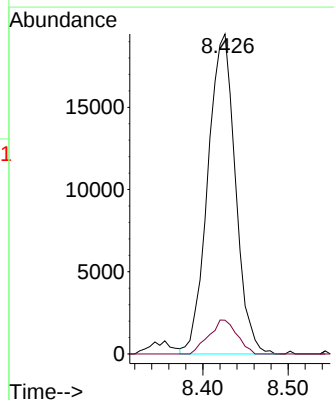
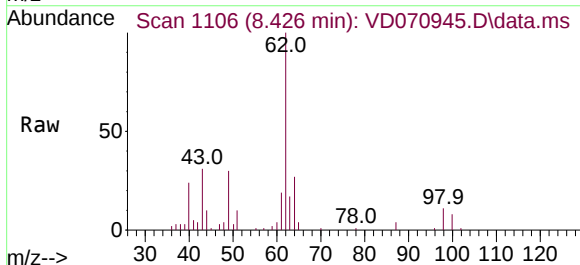


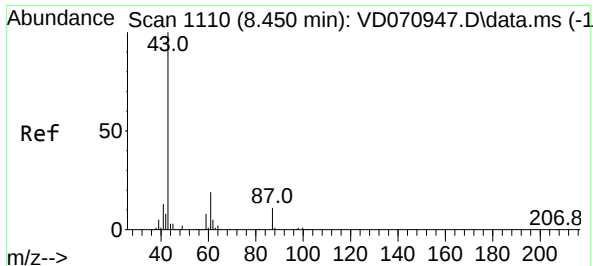
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 19781  |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 56.7  | 60.2  | 90.4#  |
| 67        | 54.9  | 74.8  | 112.2# |
| 52        | 21.7  | 28.8  | 43.2#  |



#42  
1,2-Dichloroethane  
Concen: 8.540 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 43724 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 10.7  | 0.0   | 21.8  |





#43

Isopropyl Acetate

Concen: 8.717 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. -0.000 min

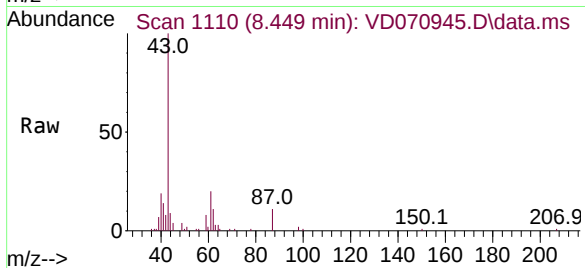
Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :



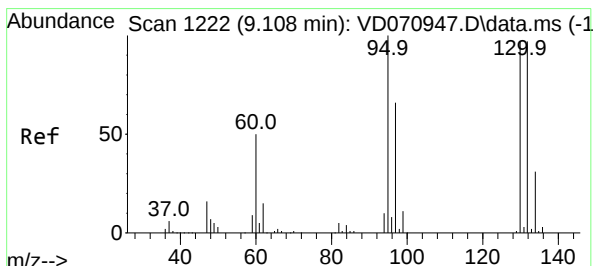
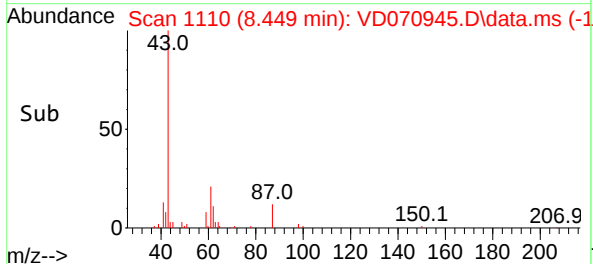
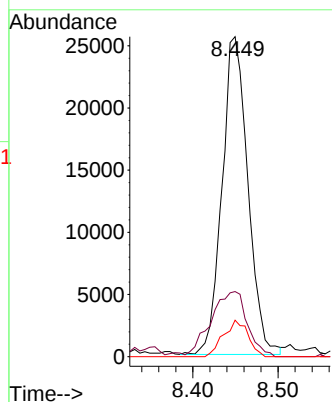
Tgt Ion: 43 Resp: 54024

Ion Ratio Lower Upper

43 100

61 28.7 28.2 42.4

87 10.9 10.7 16.1



#44

Trichloroethene

Concen: 8.987 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD070945.D

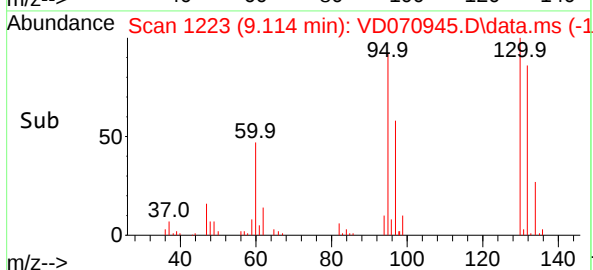
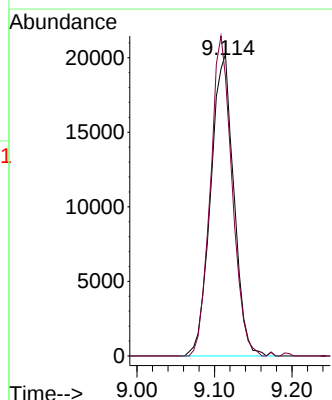
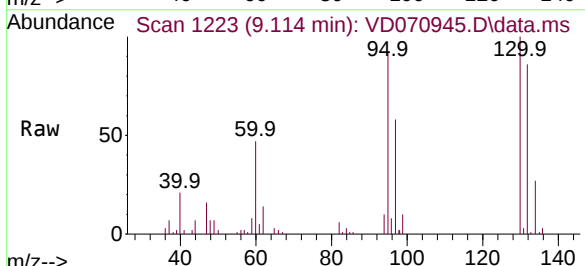
Acq: 09 Nov 2021 10:32

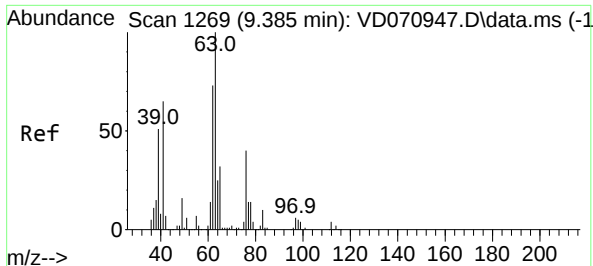
Tgt Ion:130 Resp: 41873

Ion Ratio Lower Upper

130 100

95 92.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 8.827 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

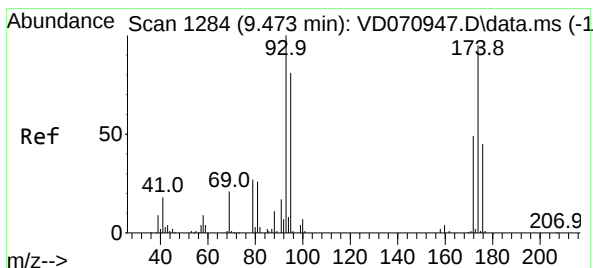
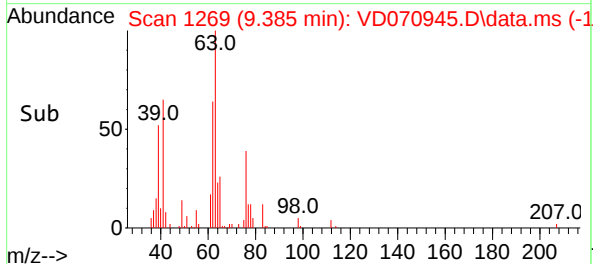
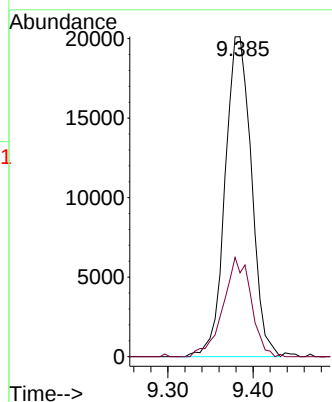
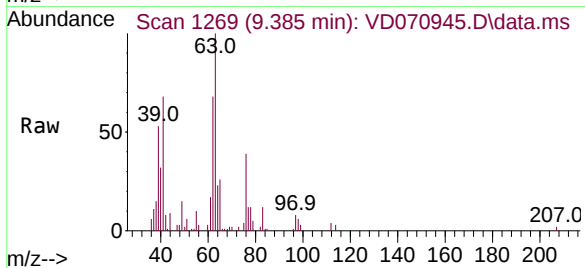
ClientSampleId :

Tgt Ion: 63 Resp: 43151

Ion Ratio Lower Upper

63 100

65 26.2 24.2 36.2



#46

Dibromomethane

Concen: 9.040 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

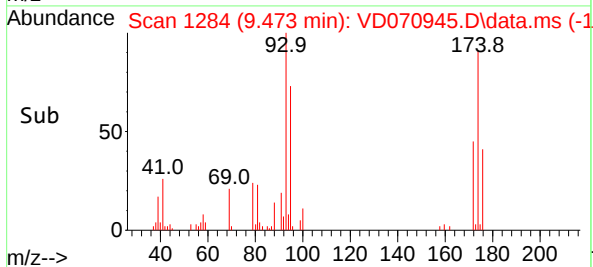
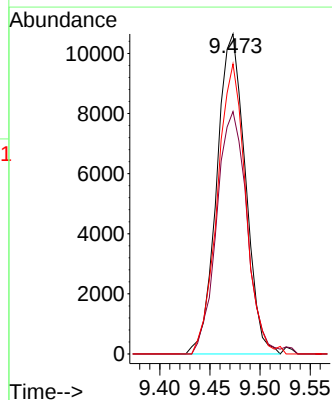
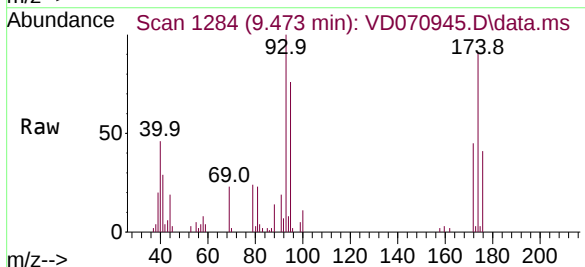
Tgt Ion: 93 Resp: 21034

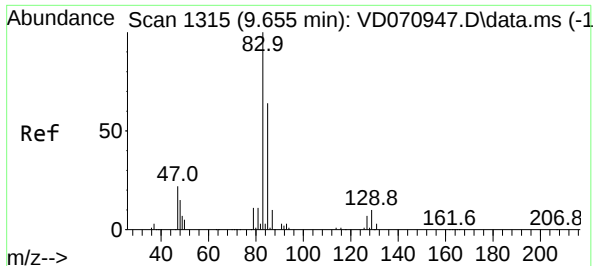
Ion Ratio Lower Upper

93 100

95 80.9 66.1 99.1

174 89.7 78.6 117.8





#47

Bromodichloromethane

Concen: 8.642 ug/l

RT: 9.661 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD070945.D

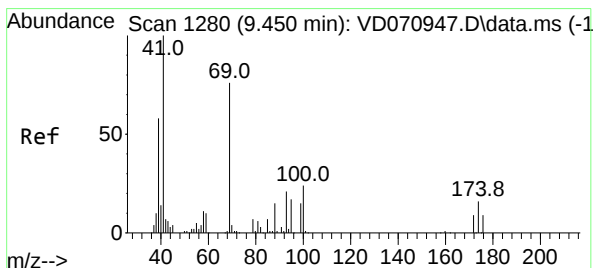
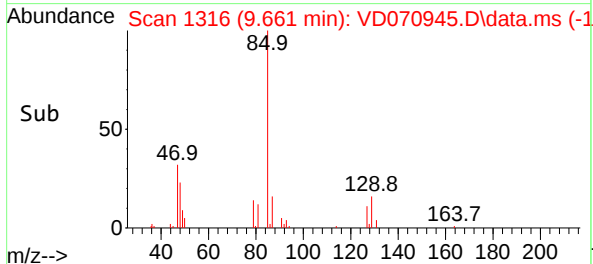
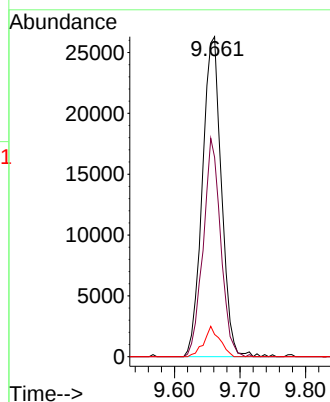
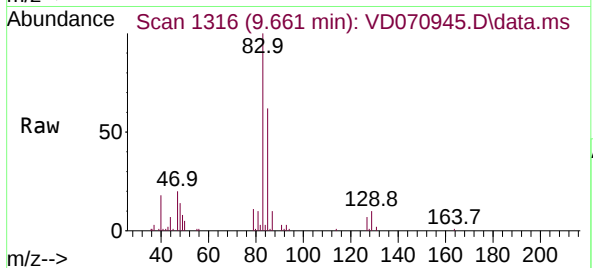
Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 53185 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 62.3     | 50.0 75.0   |
| 127 7.0     | 7.3 10.9#   |



#48

Methyl methacrylate

Concen: 8.569 ug/l

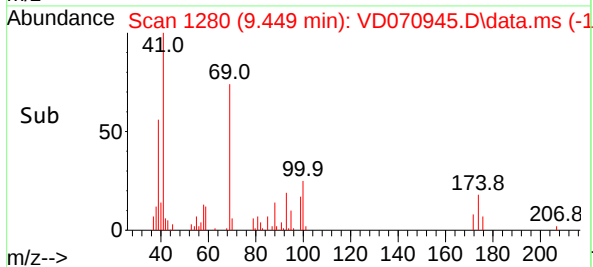
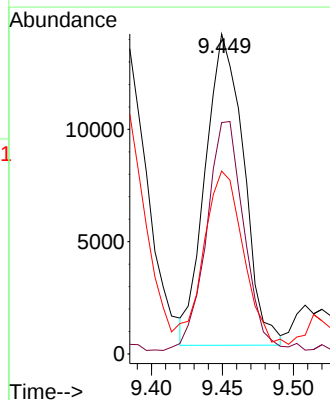
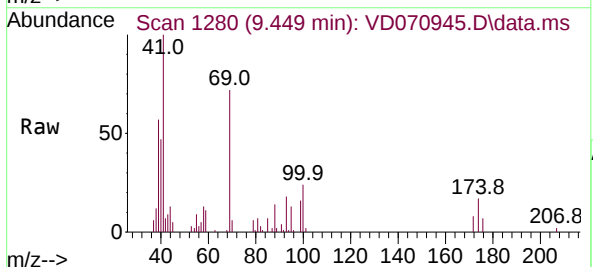
RT: 9.449 min Scan# 1280

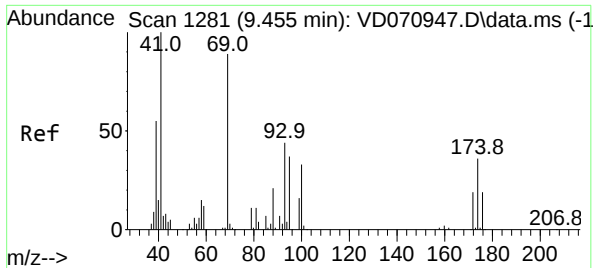
Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 26052 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 75.9     | 69.8 104.6  |
| 39 57.4     | 35.6 53.4#  |





#49

1,4-Dioxane

Concen: 191.061 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.000 min

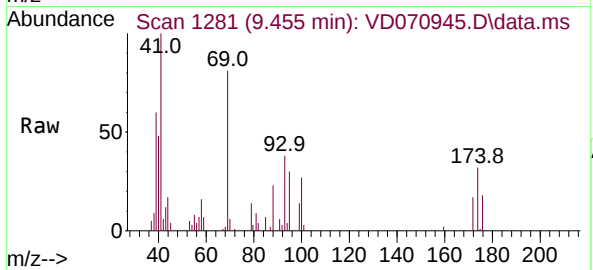
Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :



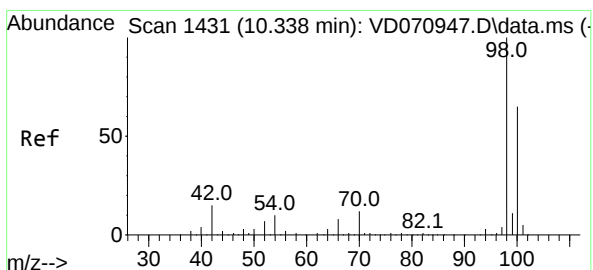
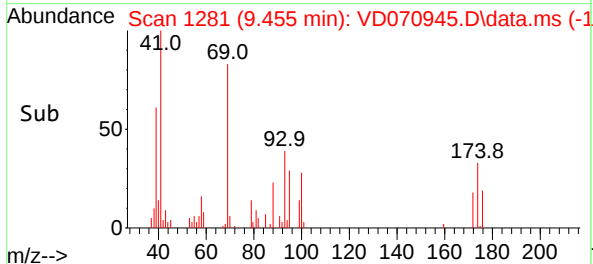
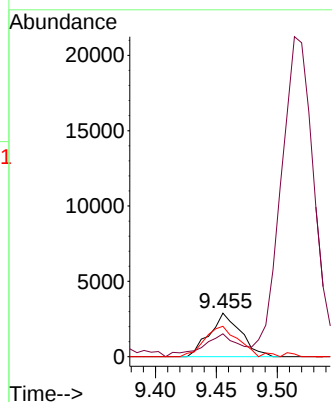
Tgt Ion: 88 Resp: 5151

Ion Ratio Lower Upper

88 100

43 61.0 28.9 43.3#

58 76.6 56.3 84.5



#50

Toluene-d8

Concen: 10.518 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD070945.D

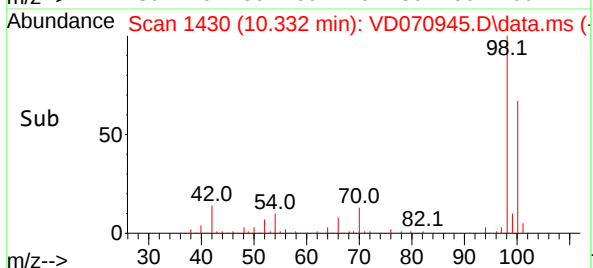
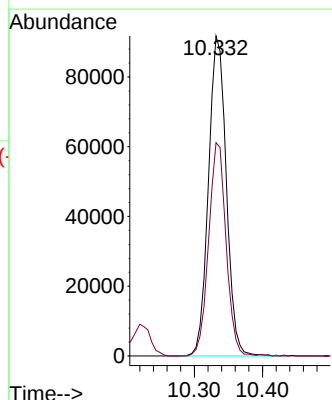
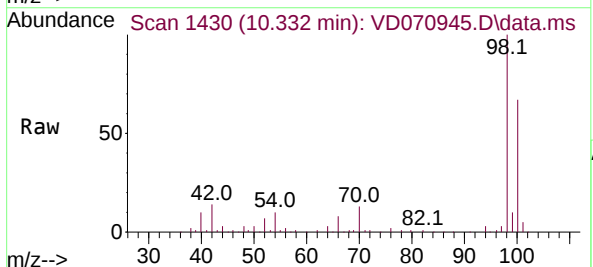
Acq: 09 Nov 2021 10:32

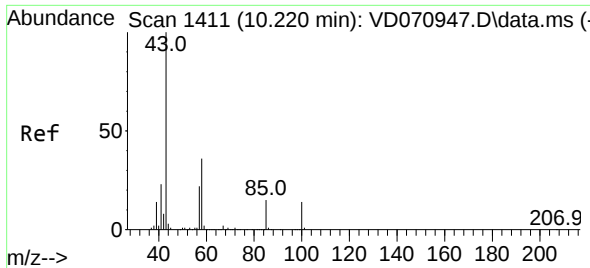
Tgt Ion: 98 Resp: 167088

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6

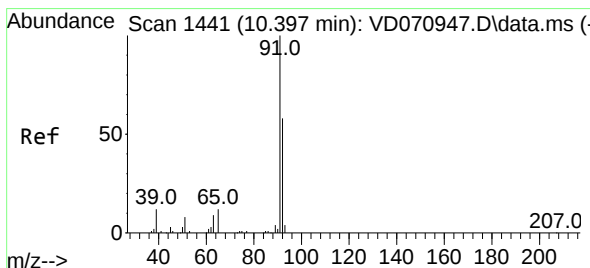
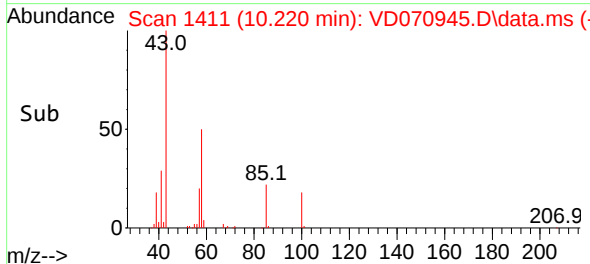
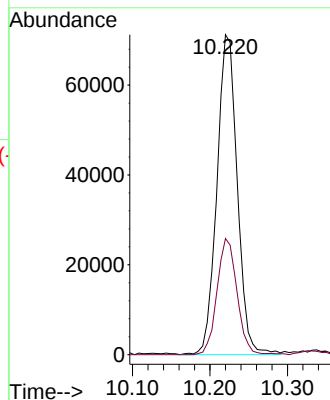
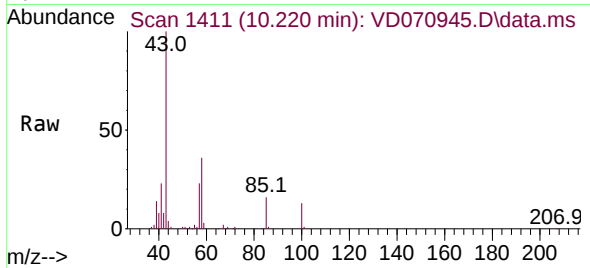




#51  
4-Methyl-2-Pentanone  
Concen: 43.347 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

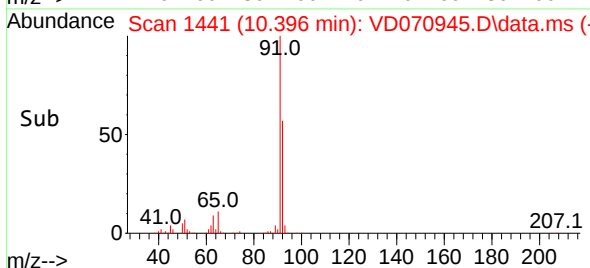
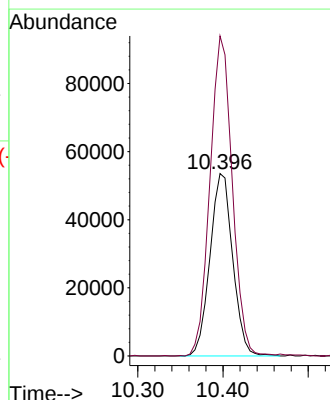
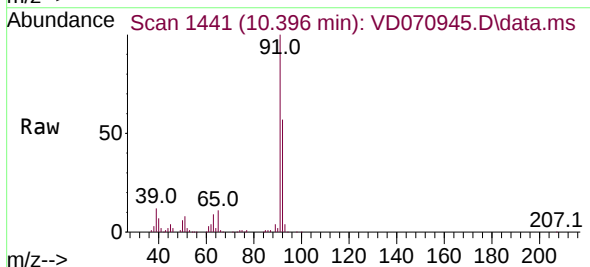
Instrument :  
MSVOA\_D  
ClientSampleId :

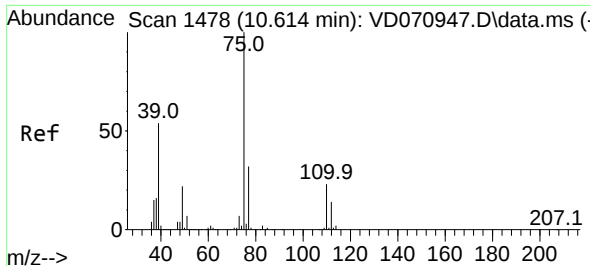
Tgt Ion: 43 Resp: 130243  
Ion Ratio Lower Upper  
43 100  
58 35.6 33.1 49.7



#52  
Toluene  
Concen: 8.696 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 92 Resp: 99084  
Ion Ratio Lower Upper  
92 100  
91 172.4 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 8.597 ug/l

RT: 10.614 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

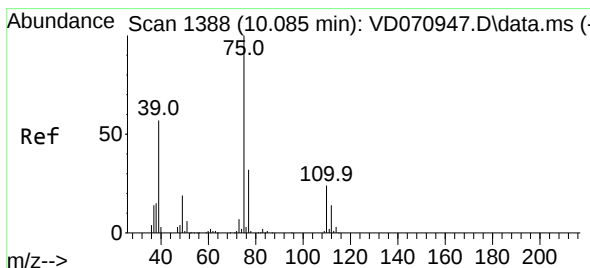
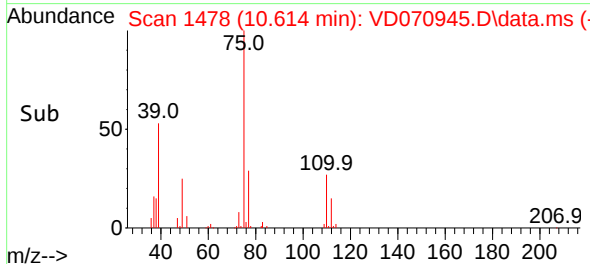
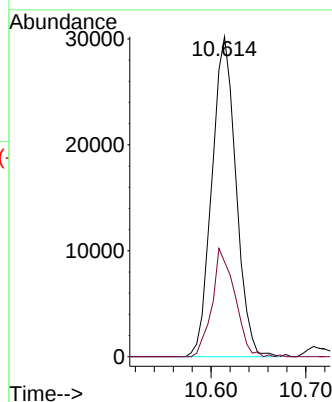
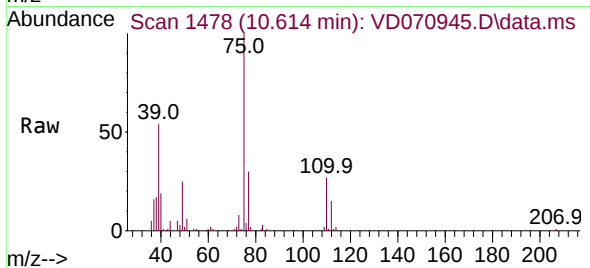
ClientSampleId :

Tgt Ion: 75 Resp: 53358

Ion Ratio Lower Upper

75 100

77 29.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 8.694 ug/l

RT: 10.085 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

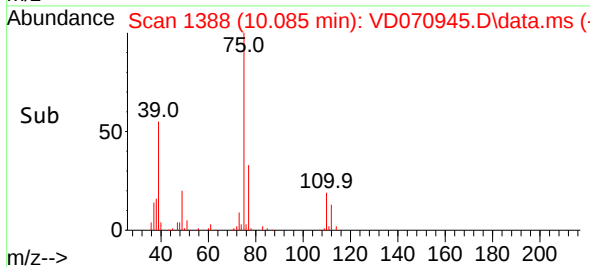
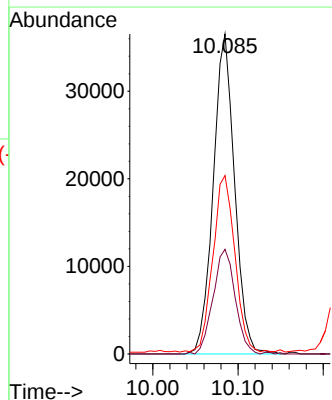
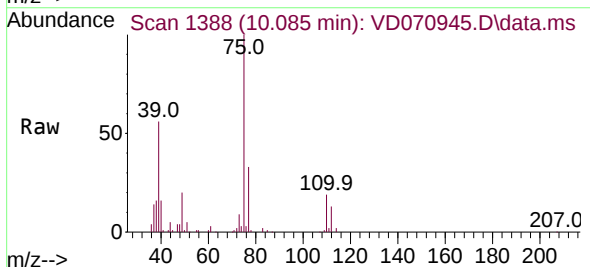
Tgt Ion: 75 Resp: 63628

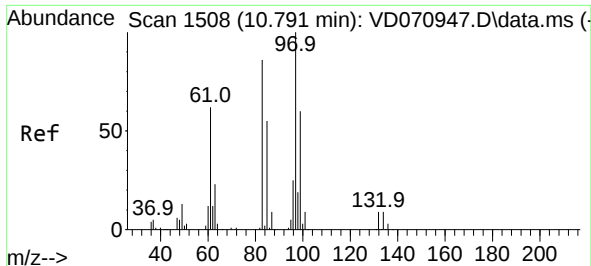
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6

39 55.1 31.6 47.4#

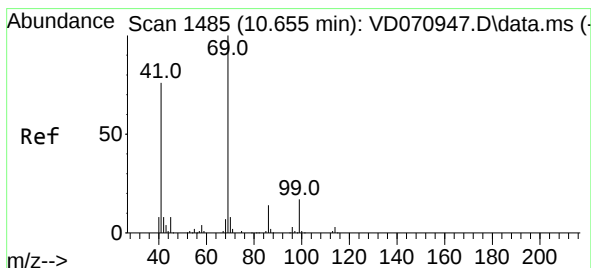
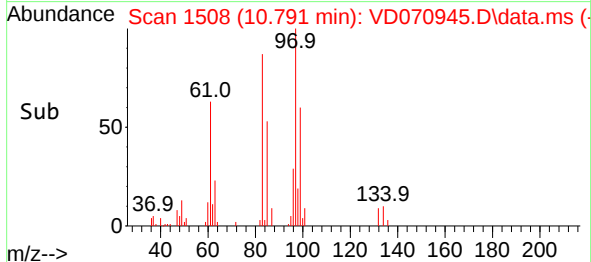
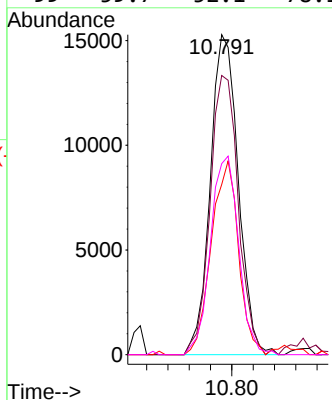
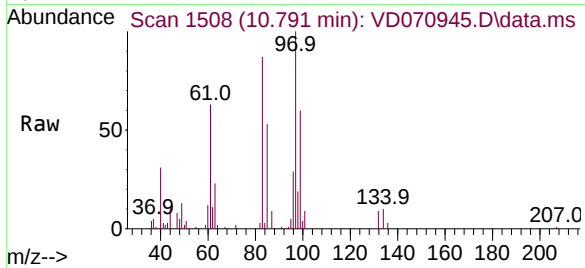




#55  
1,1,2-Trichloroethane  
Concen: 8.730 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

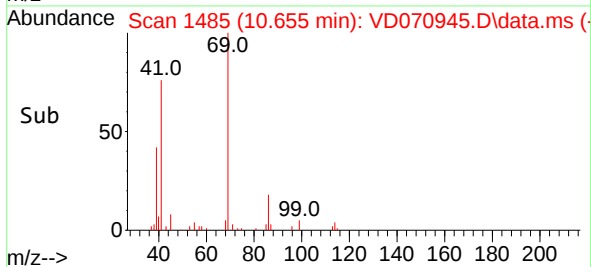
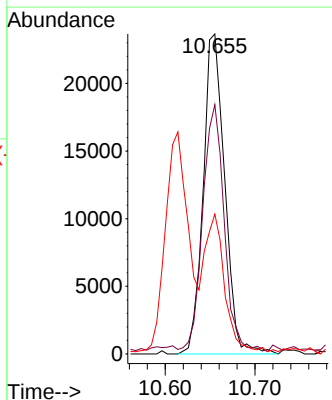
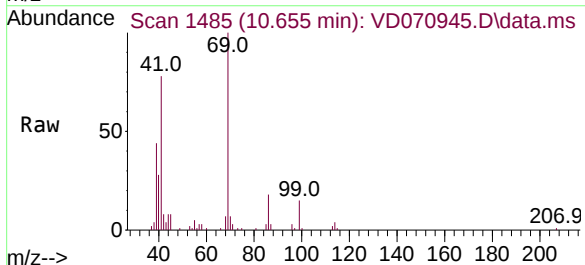
Instrument :  
MSVOA\_D  
ClientSampleId :

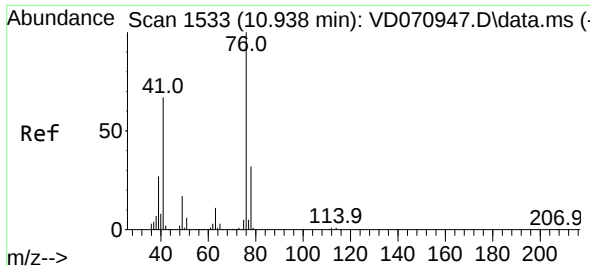
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 27918 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.3     | 65.2 97.8   |
| 85 53.2     | 43.4 65.0   |
| 99 59.7     | 52.1 78.1   |



#56  
Ethyl methacrylate  
Concen: 8.713 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 39424 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 77.2     | 50.2 75.2#  |
| 39 40.0     | 19.8 29.8#  |





#57

1,3-Dichloropropane

Concen: 8.641 ug/l

RT: 10.943 min Scan# 1534

Delta R.T. 0.006 min

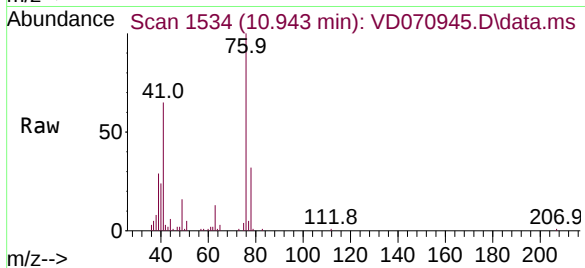
Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :

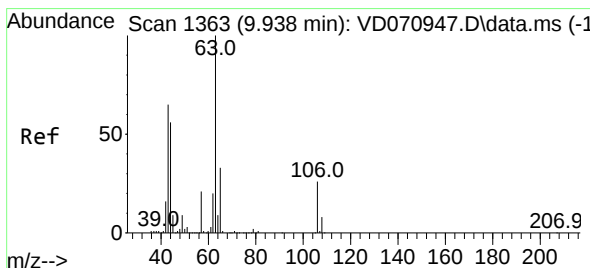
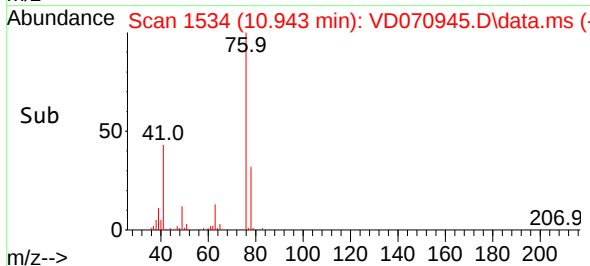
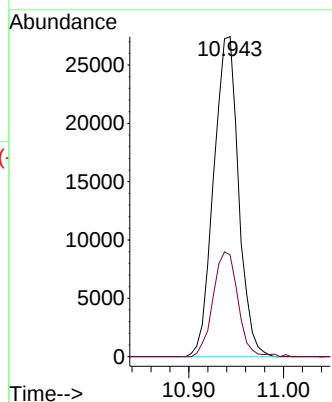


Tgt Ion: 76 Resp: 50181

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 50.594 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD070945.D

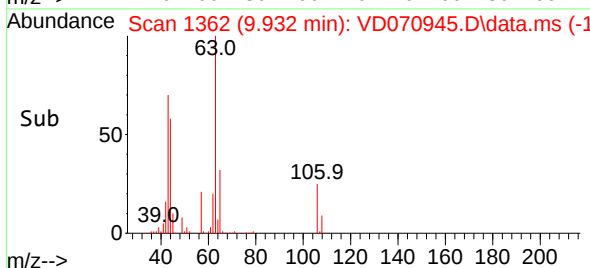
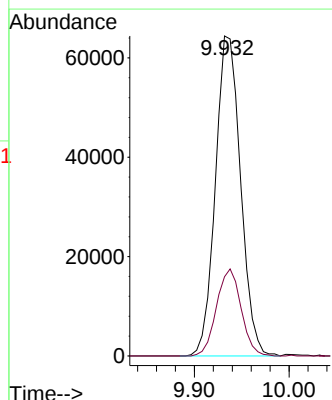
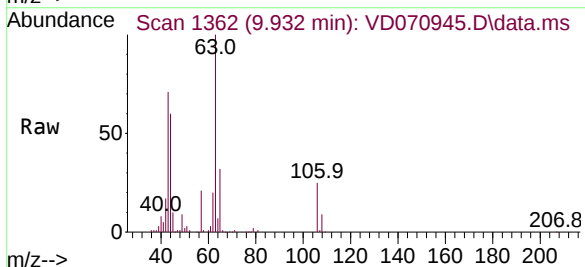
Acq: 09 Nov 2021 10:32

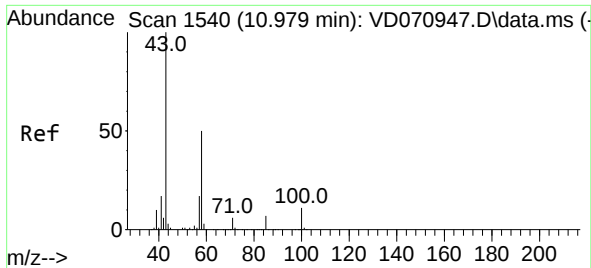
Tgt Ion: 63 Resp: 119015

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

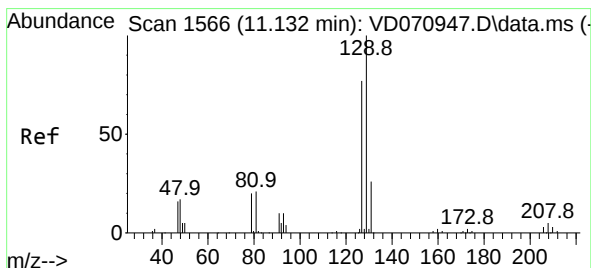
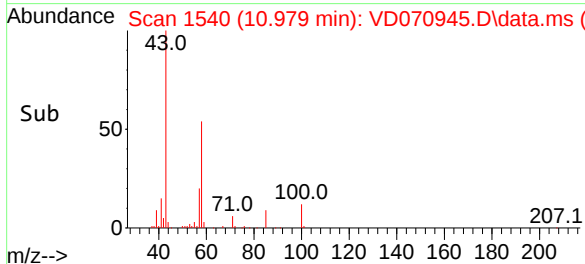
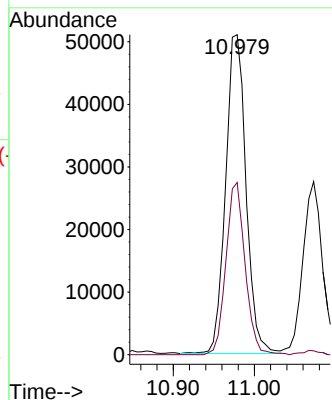
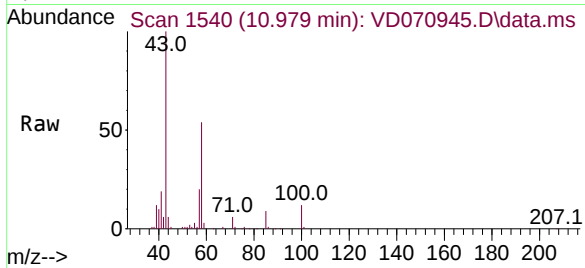




#59  
2-Hexanone  
Concen: 40.754 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

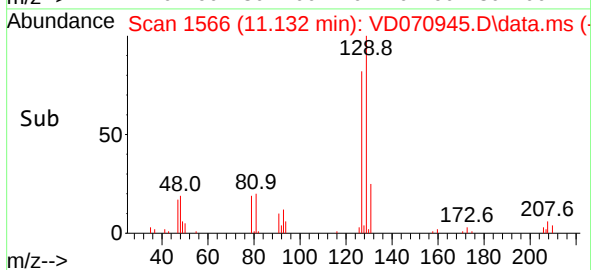
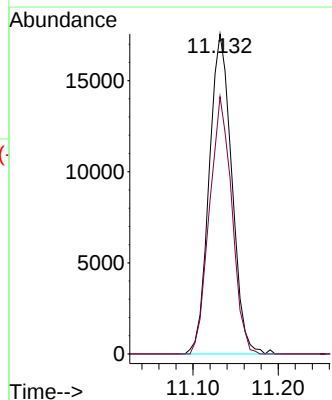
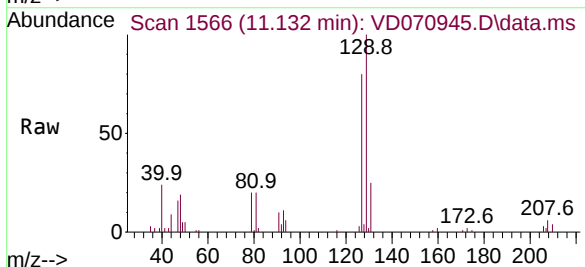
Instrument :  
MSVOA\_D  
ClientSampleId :

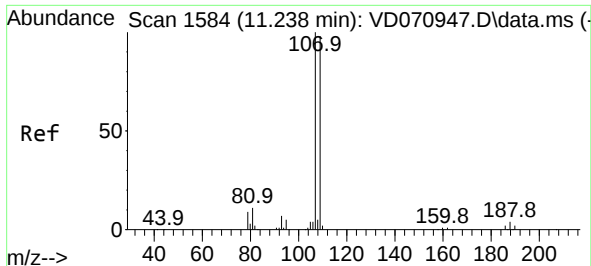
Tgt Ion: 43 Resp: 89177  
Ion Ratio Lower Upper  
43 100  
58 50.6 28.7 86.1



#60  
Dibromochloromethane  
Concen: 8.444 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 129 Resp: 32394  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.9 116.6

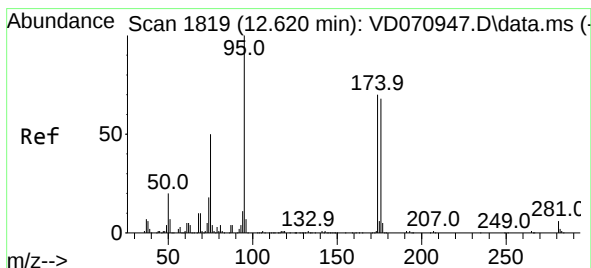
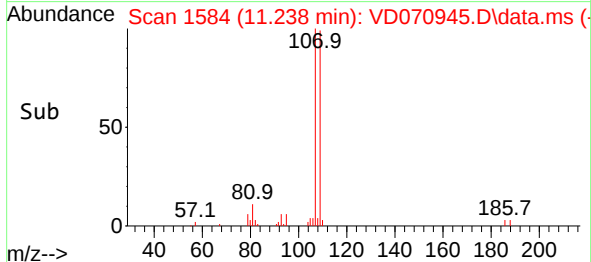
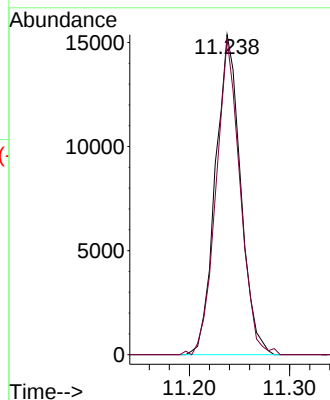
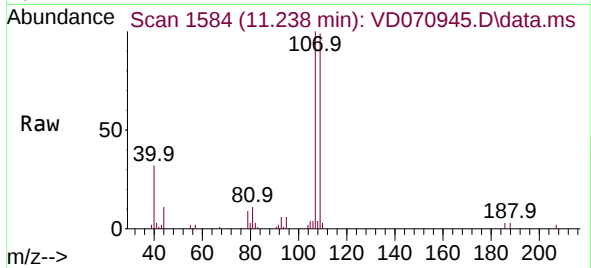




#61  
1,2-Dibromoethane  
Concen: 8.594 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

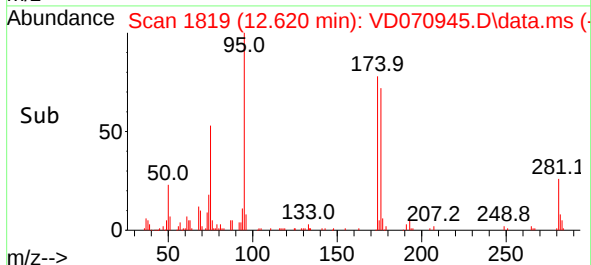
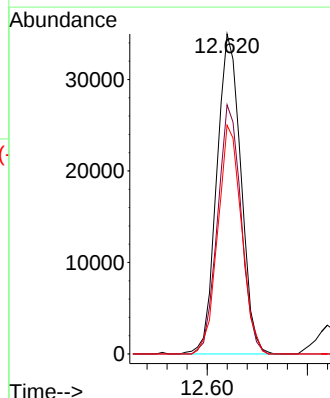
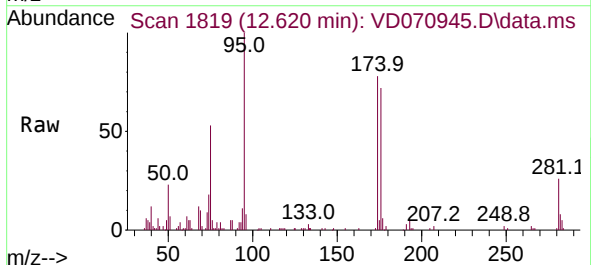
Instrument :  
MSVOA\_D  
ClientSampleId :

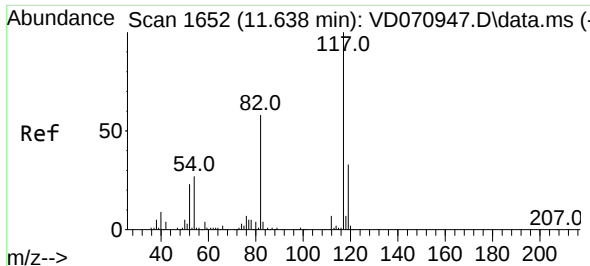
Tgt Ion:107 Resp: 26736  
Ion Ratio Lower Upper  
107 100  
109 94.4 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 10.199 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 95 Resp: 58338  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 159.4  
176 70.3 0.0 154.0

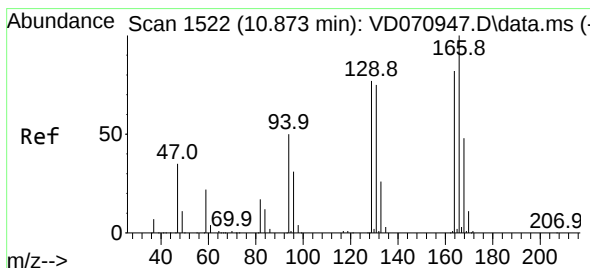
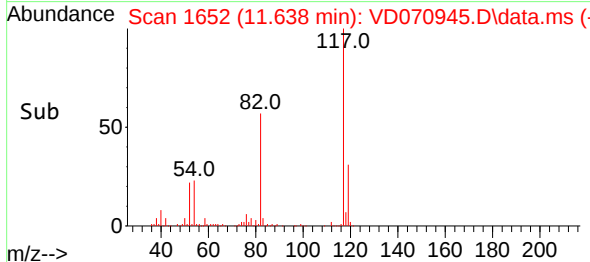
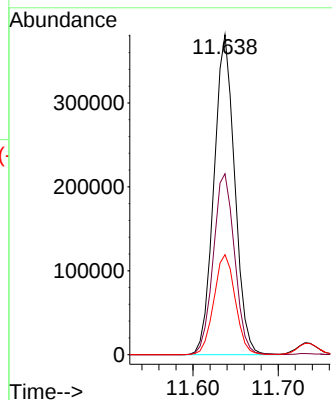
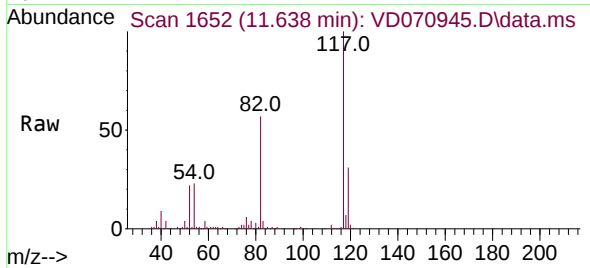




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

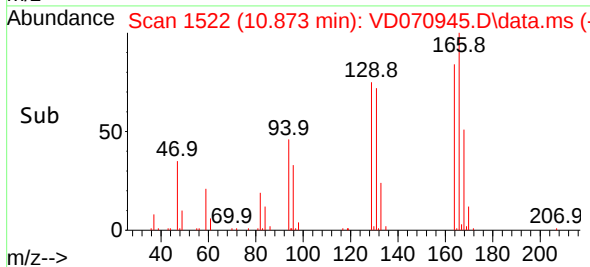
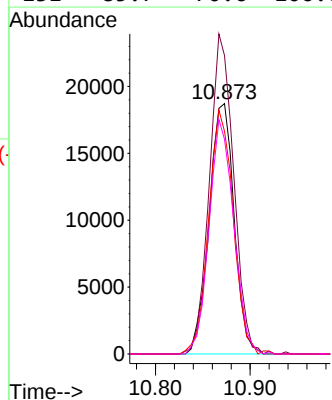
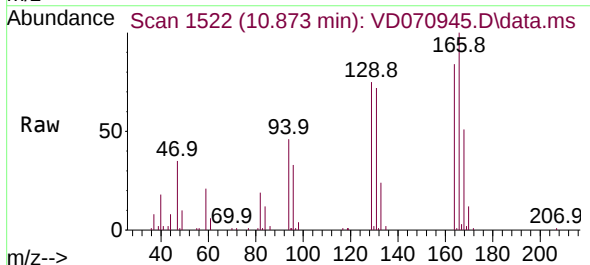
Instrument :  
MSVOA\_D  
ClientSampleId :

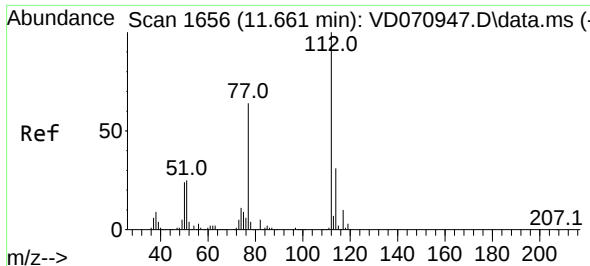
Tgt Ion:117 Resp: 645732  
Ion Ratio Lower Upper  
117 100  
82 56.5 44.7 67.1  
119 31.3 26.2 39.4



#64  
Tetrachloroethene  
Concen: 9.125 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion:164 Resp: 34359  
Ion Ratio Lower Upper  
164 100  
166 119.2 102.6 153.8  
129 88.9 75.4 113.0  
131 85.7 70.6 106.0

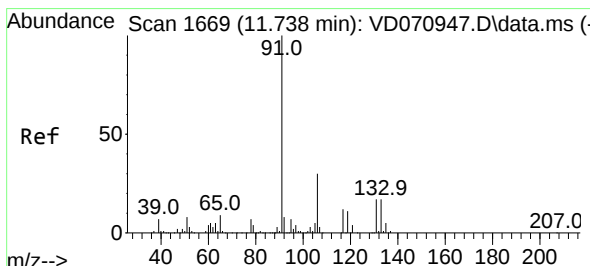
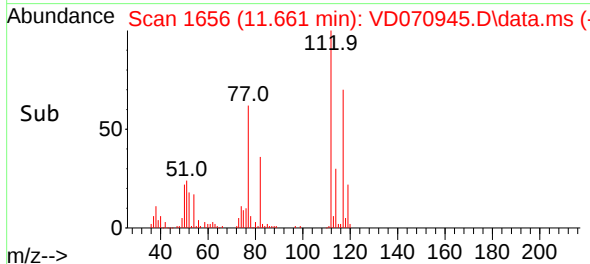
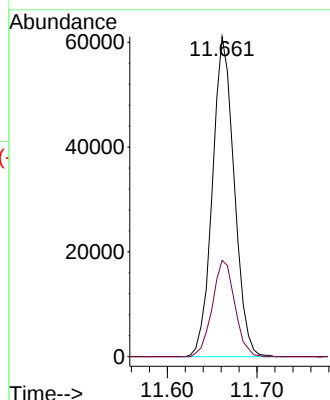
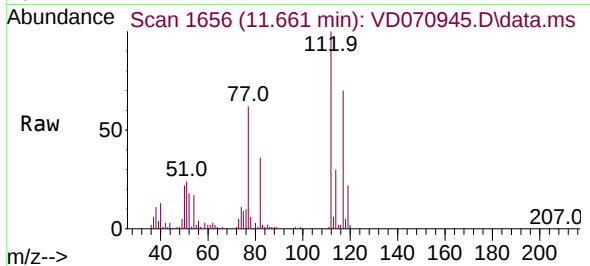




#65  
Chlorobenzene  
Concen: 8.935 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

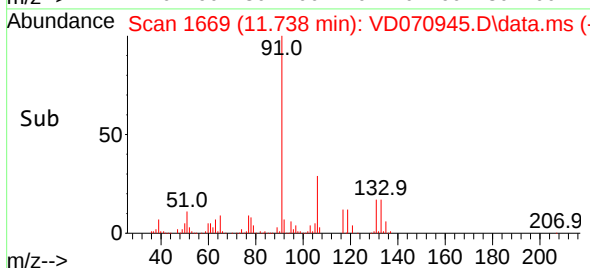
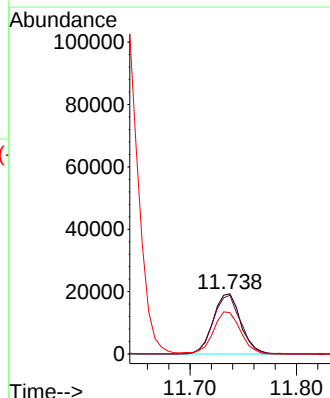
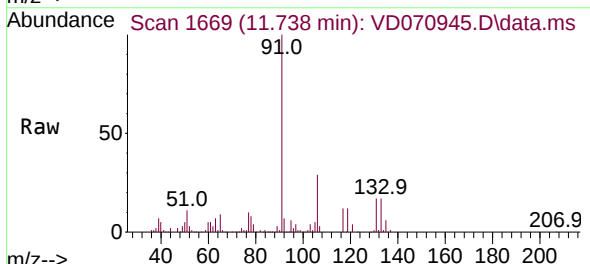
Instrument :  
MSVOA\_D  
ClientSampleId :

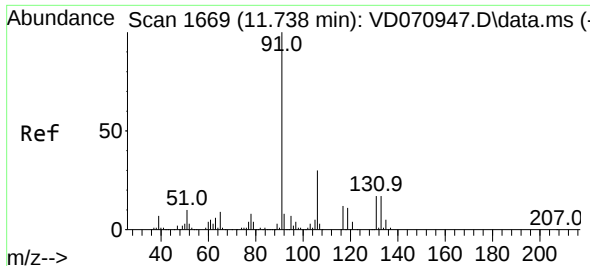
Tgt Ion:112 Resp: 102939  
Ion Ratio Lower Upper  
112 100  
114 30.1 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 8.455 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion:131 Resp: 34574  
Ion Ratio Lower Upper  
131 100  
133 97.8 48.0 144.0  
119 69.2 33.5 100.4

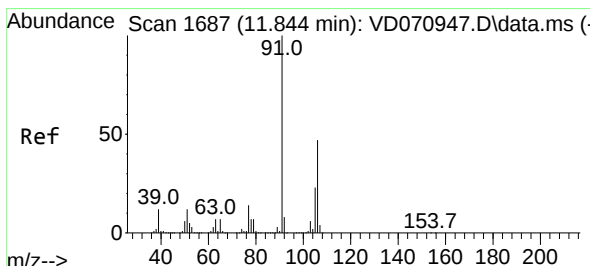
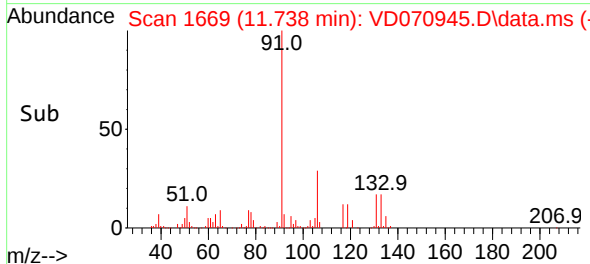
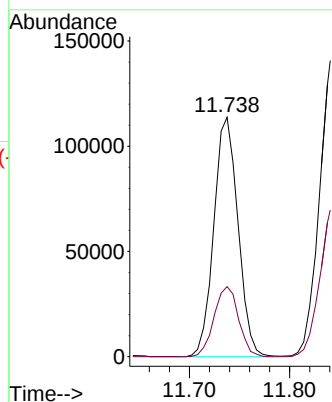
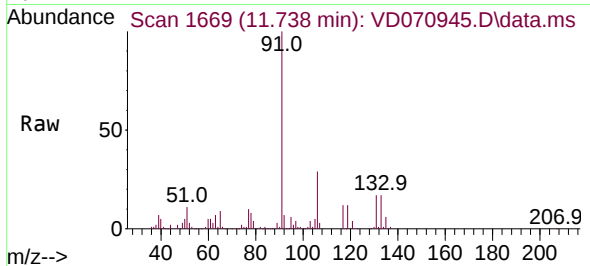




#67  
Ethyl Benzene  
Concen: 8.718 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

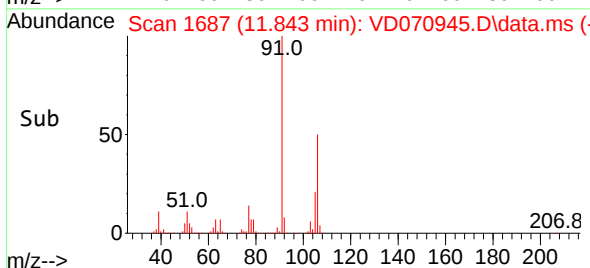
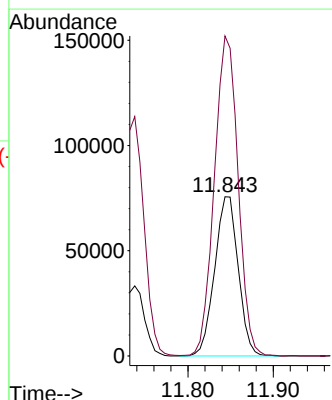
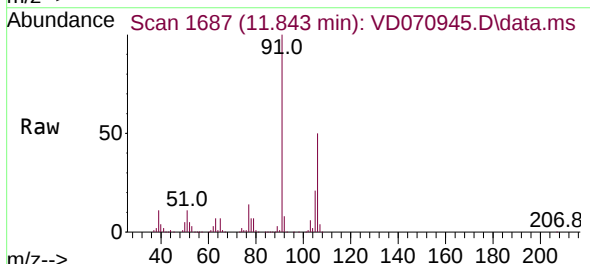
Instrument :  
MSVOA\_D  
ClientSampleId :

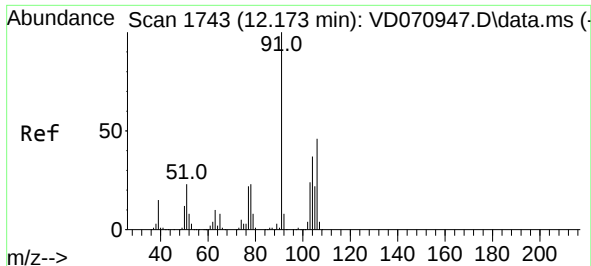
Tgt Ion: 91 Resp: 190212  
Ion Ratio Lower Upper  
91 100  
106 29.3 24.6 36.8



#68  
m/p-Xylenes  
Concen: 17.808 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 106 Resp: 145221  
Ion Ratio Lower Upper  
106 100  
91 202.8 160.1 240.1





#69

o-Xylene

Concen: 8.899 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

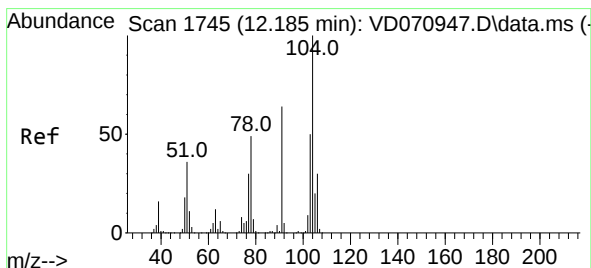
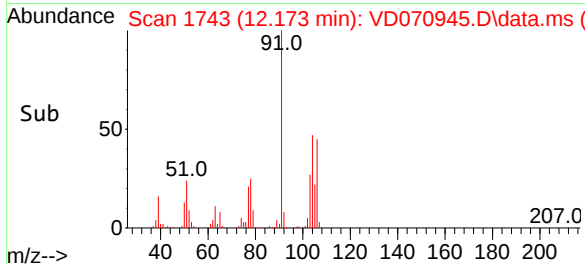
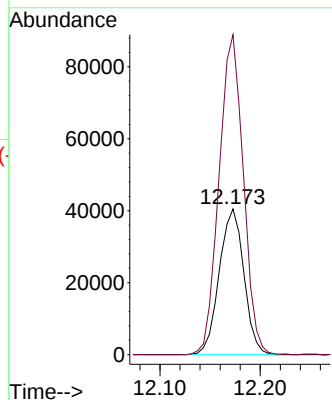
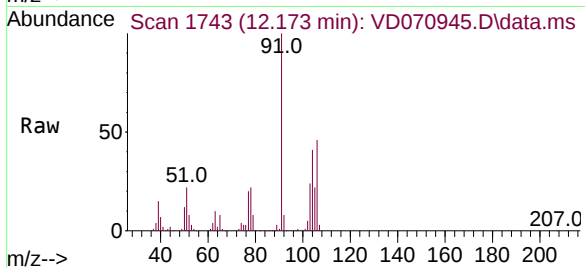
ClientSampleId :

Tgt Ion:106 Resp: 69024

Ion Ratio Lower Upper

106 100

91 217.0 106.3 319.0



#70

Styrene

Concen: 8.621 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

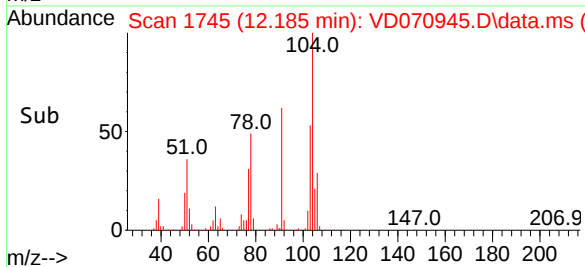
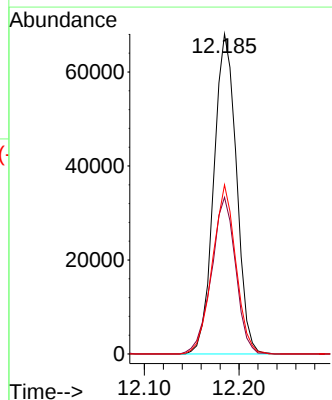
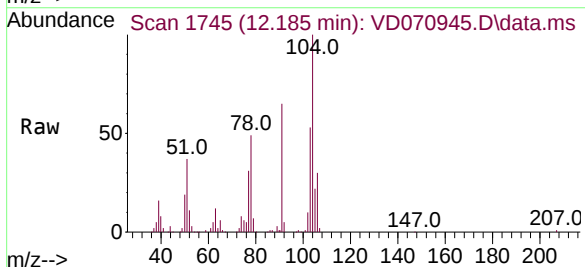
Tgt Ion:104 Resp: 113223

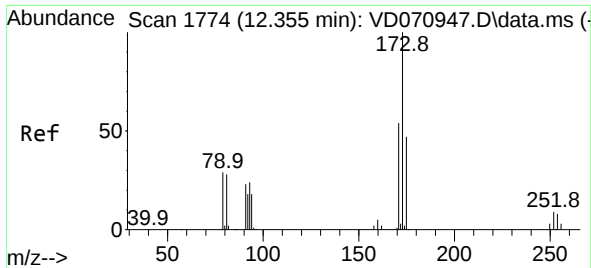
Ion Ratio Lower Upper

104 100

78 52.1 39.4 59.0

103 54.8 43.4 65.0

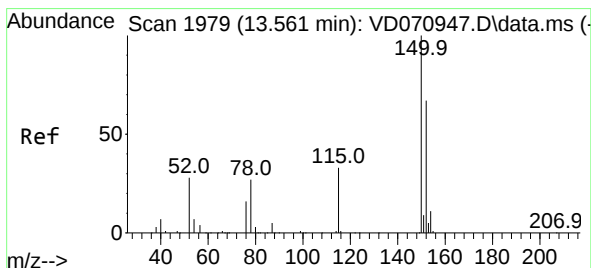
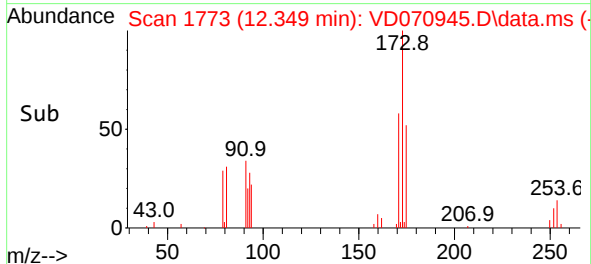
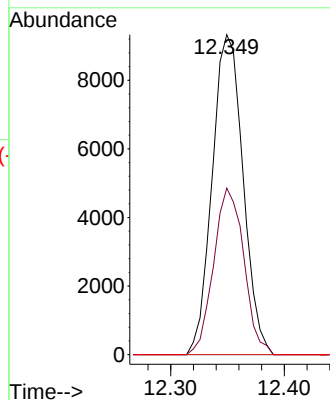
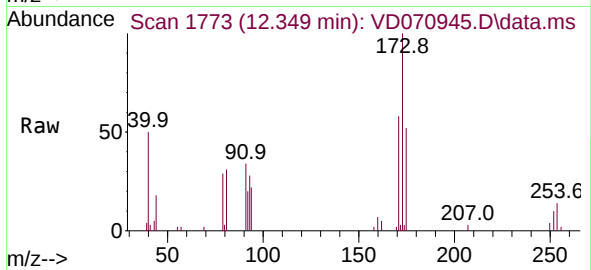




#71  
Bromoform  
Concen: 8.258 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

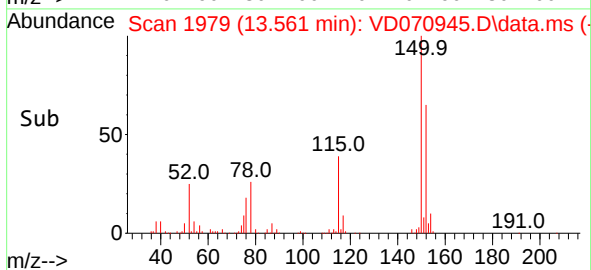
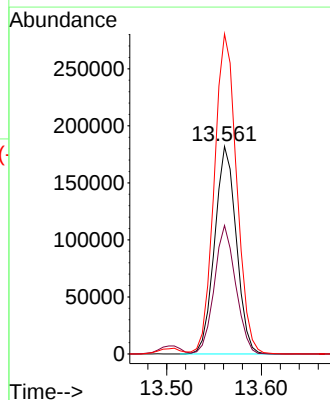
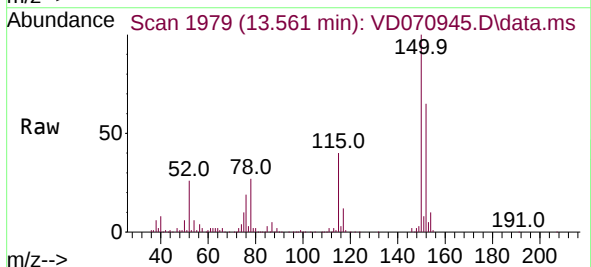
Instrument :  
MSVOA\_D  
ClientSampleId :

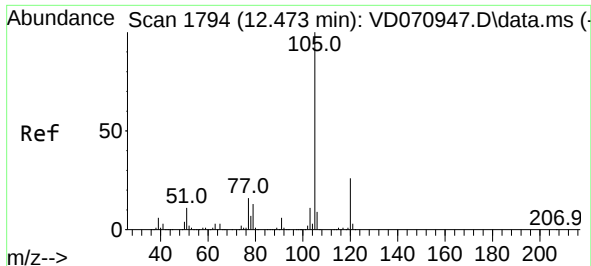
Tgt Ion:173 Resp: 17611  
Ion Ratio Lower Upper  
173 100  
175 50.9 24.1 72.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion:152 Resp: 288536  
Ion Ratio Lower Upper  
152 100  
115 61.2 29.8 89.3  
150 159.8 0.0 349.2

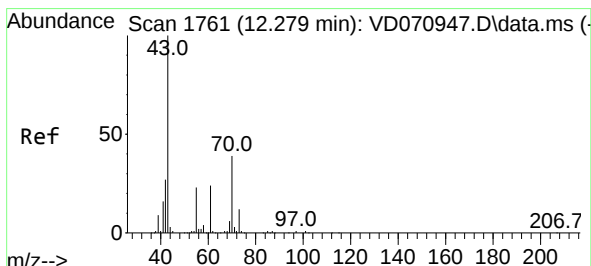
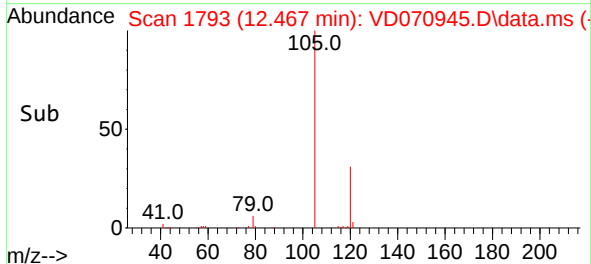
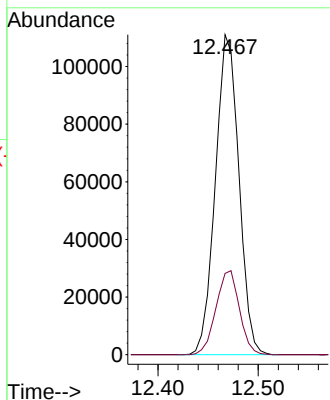
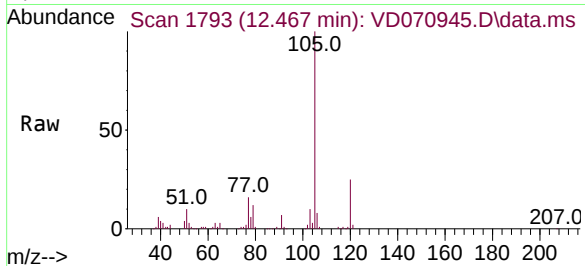




#73  
Isopropylbenzene  
Concen: 8.706 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

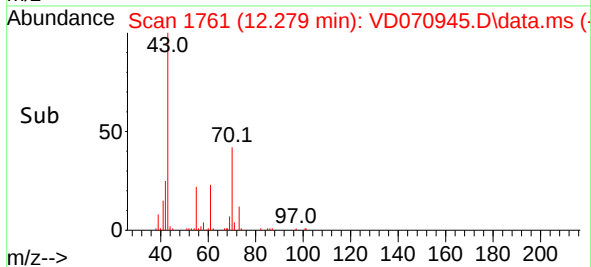
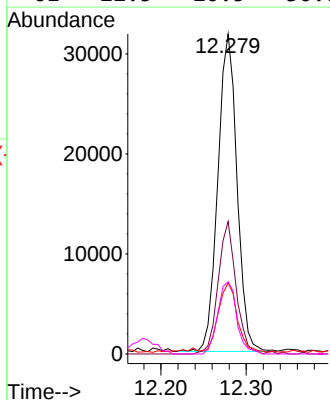
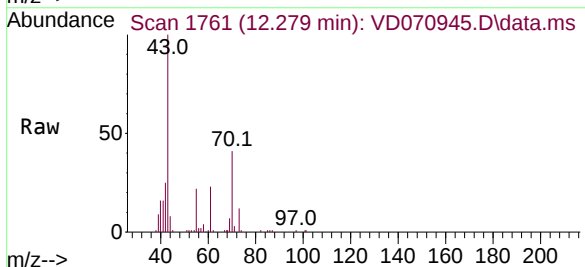
Instrument :  
MSVOA\_D  
ClientSampleId :

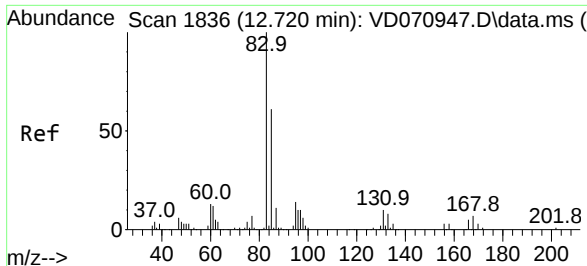
Tgt Ion:105 Resp: 180960  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.2 39.5



#74  
N-amy1 acetate  
Concen: 8.344 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 43 Resp: 49552  
Ion Ratio Lower Upper  
43 100  
70 38.8 36.6 55.0  
55 21.8 22.5 33.7#  
61 22.5 20.5 30.7

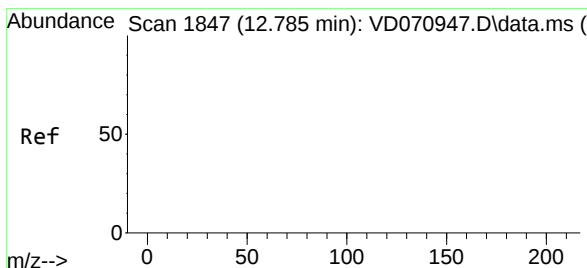
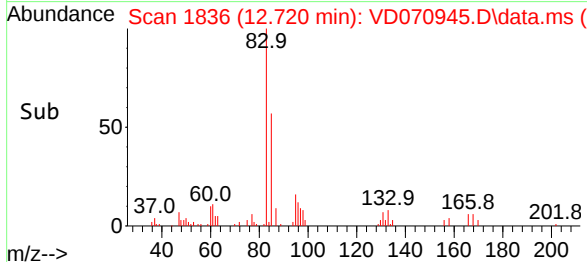
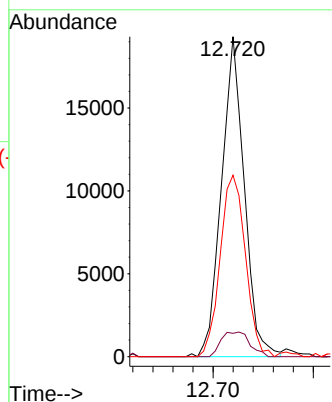
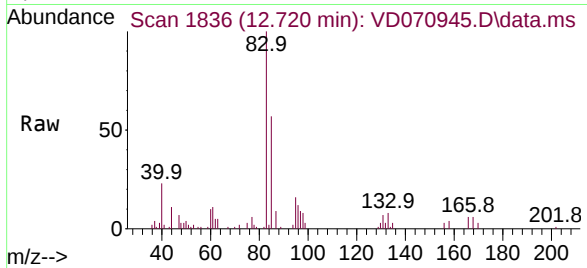




#75  
1,1,2-Tetrachloroethane  
Concen: 8.510 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

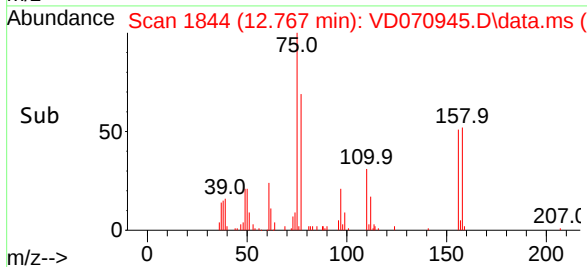
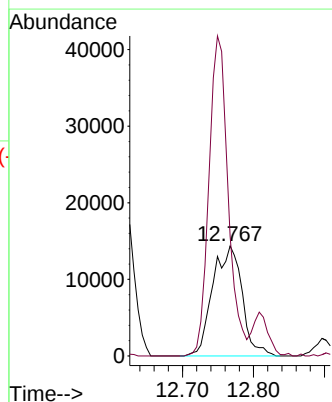
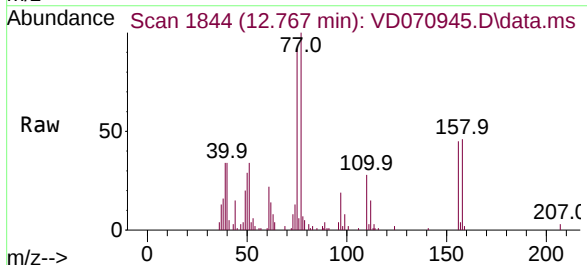
Instrument :  
MSVOA\_D  
ClientSampleId :

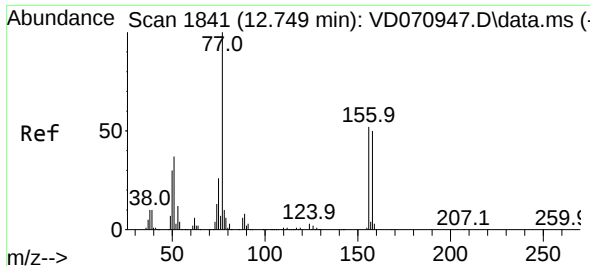
Tgt Ion: 83 Resp: 30447  
Ion Ratio Lower Upper  
83 100  
131 9.7 4.9 14.7  
85 62.8 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 47.288 ug/l  
RT: 12.767 min Scan# 1844  
Delta R.T. -0.018 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 75 Resp: 41278  
Ion Ratio Lower Upper  
75 100  
77 190.8 158.4 475.3

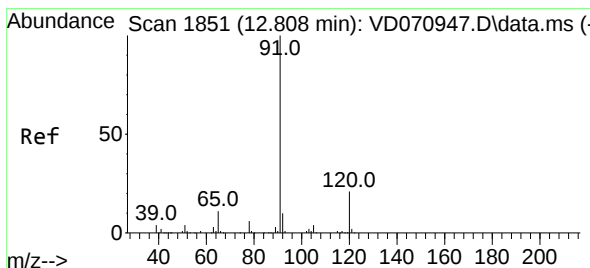
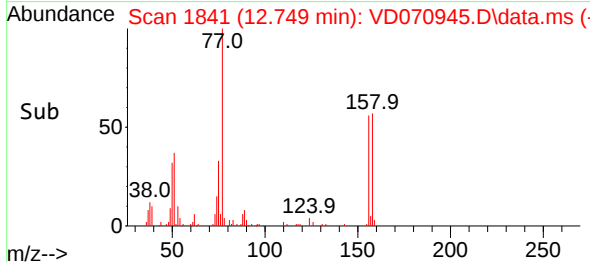
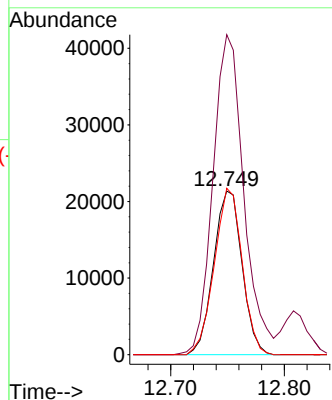
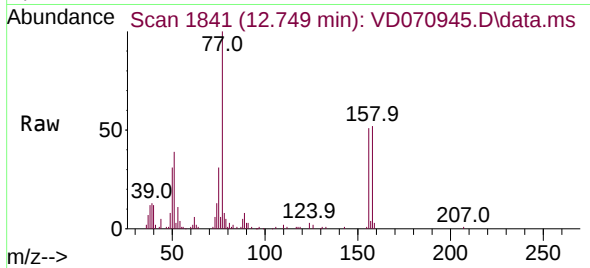




#77  
Bromobenzene  
Concen: 8.382 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

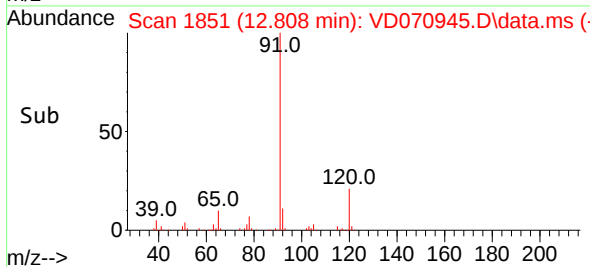
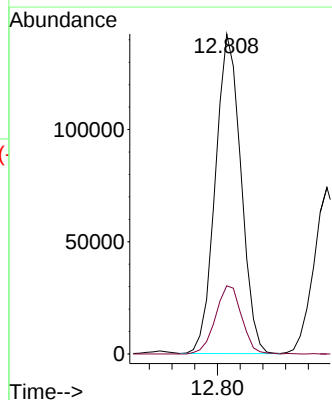
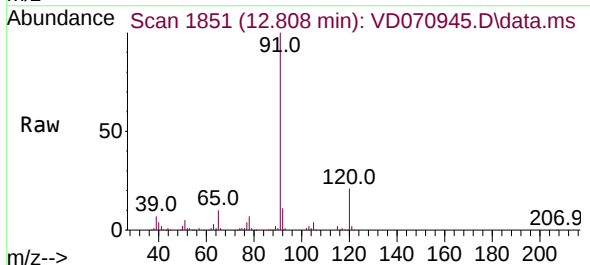
Instrument :  
MSVOA\_D  
ClientSampleId :

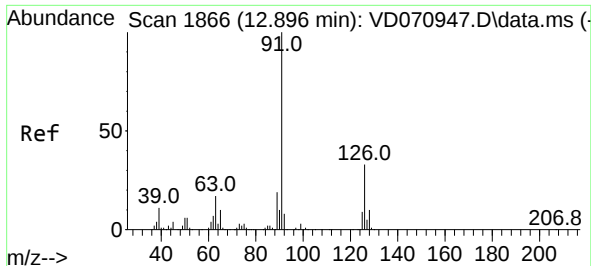
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 211.5 | 96.6  | 289.8 |
| 158     | 99.2  | 49.1  | 147.4 |



#78  
n-propylbenzene  
Concen: 8.646 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.8  | 10.9  | 32.9  |

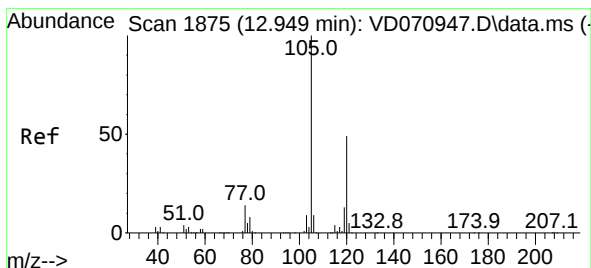
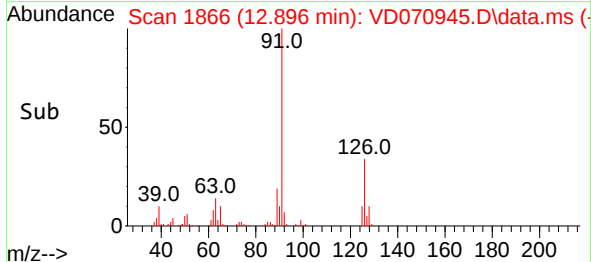
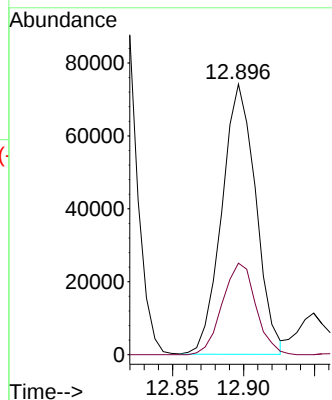
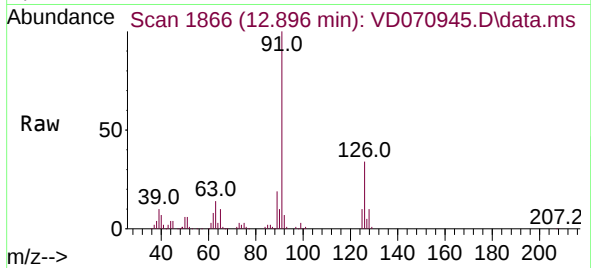




#79  
2-Chlorotoluene  
Concen: 8.385 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

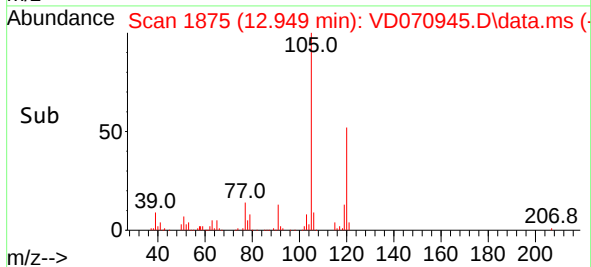
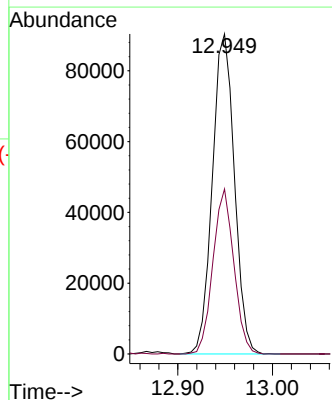
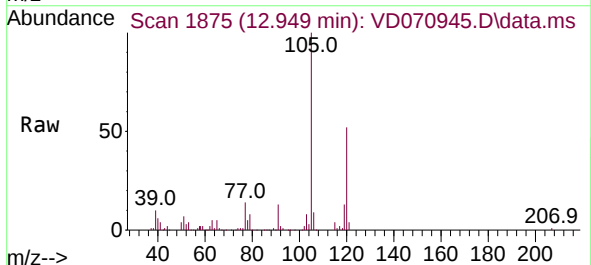
Instrument :  
MSVOA\_D  
ClientSampleId :

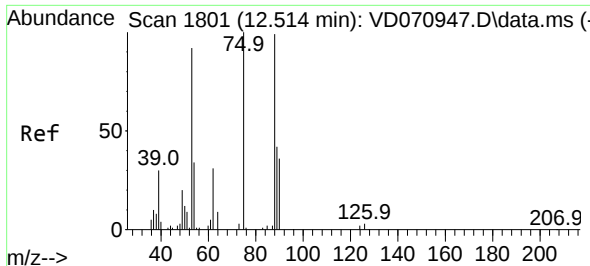
Tgt Ion: 91 Resp: 123146  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 8.559 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion:105 Resp: 146478  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.6 73.8

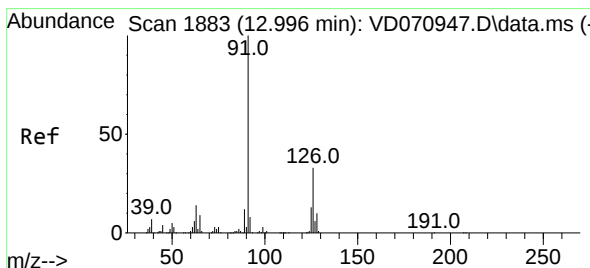
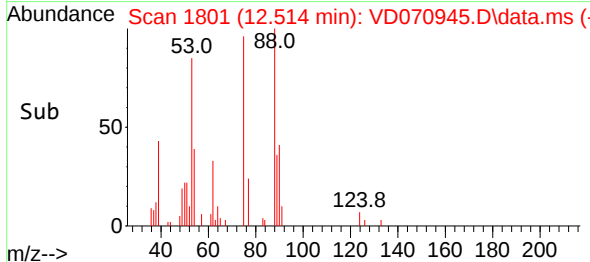
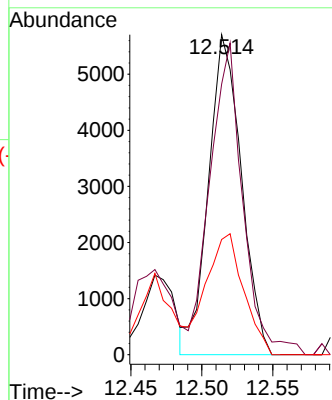
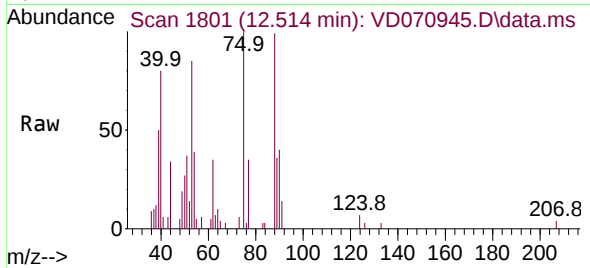




#81  
trans-1,4-Dichloro-2-butene  
Concen: 7.802 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

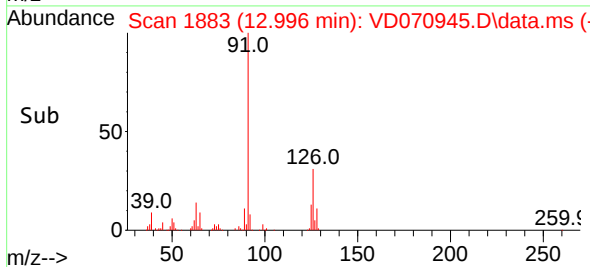
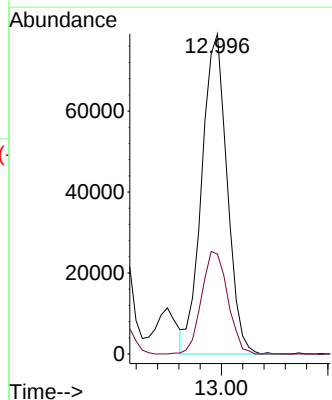
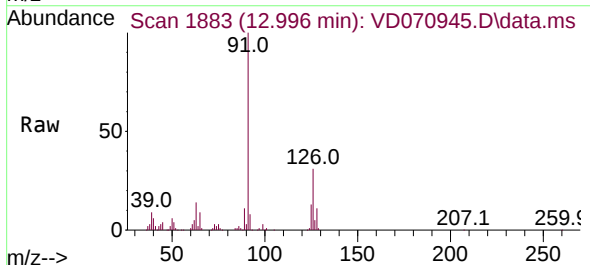
Instrument :  
MSVOA\_D  
ClientSampleId :

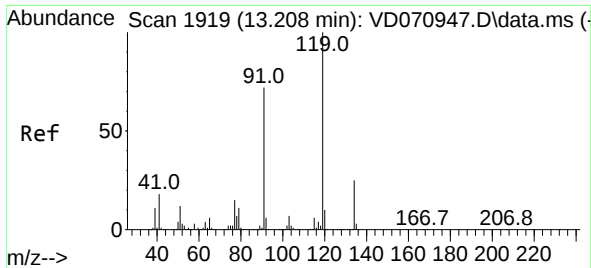
Tgt Ion: 75 Resp: 9174  
Ion Ratio Lower Upper  
75 100  
53 96.9 62.6 94.0#  
89 42.7 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 8.609 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 91 Resp: 130489  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.4 49.1

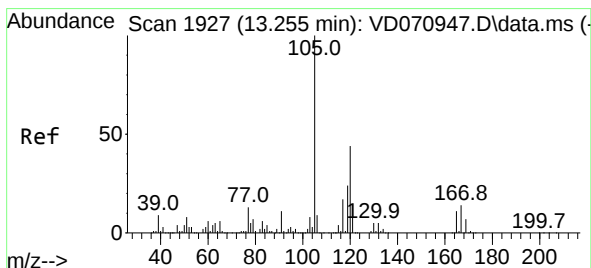
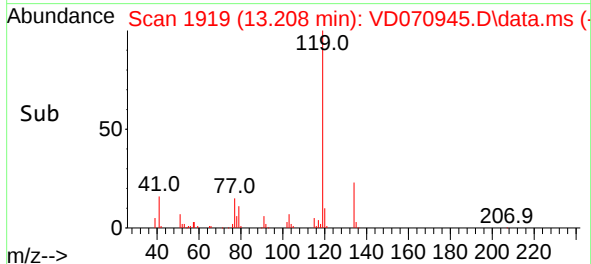
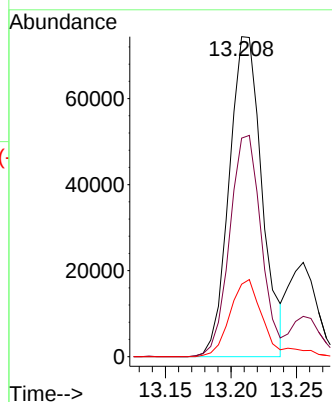
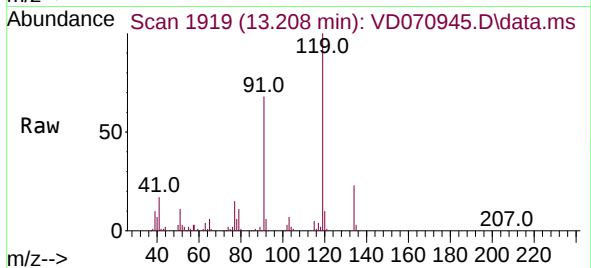




#83  
tert-Butylbenzene  
Concen: 8.798 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

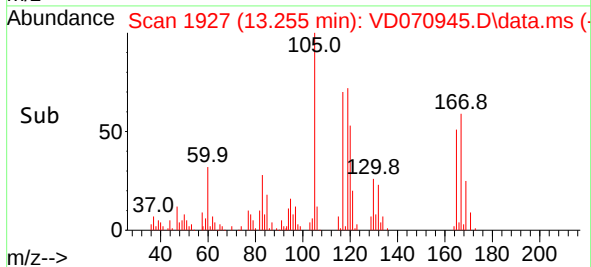
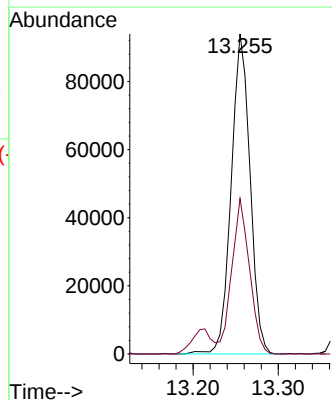
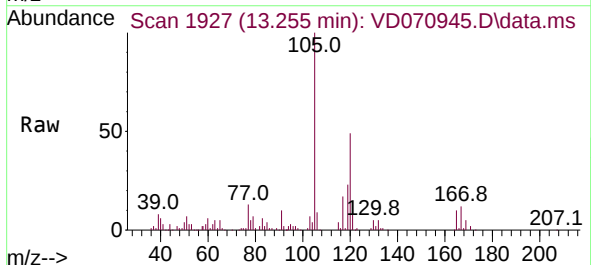
Instrument :  
MSVOA\_D  
ClientSampleId :

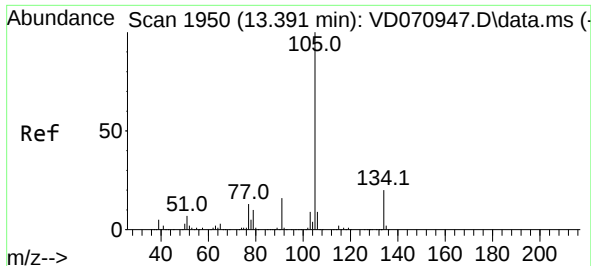
Tgt Ion:119 Resp: 129715  
Ion Ratio Lower Upper  
119 100  
91 66.4 32.5 97.5  
134 24.9 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 8.604 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion:105 Resp: 144209  
Ion Ratio Lower Upper  
105 100  
120 46.2 22.9 68.7

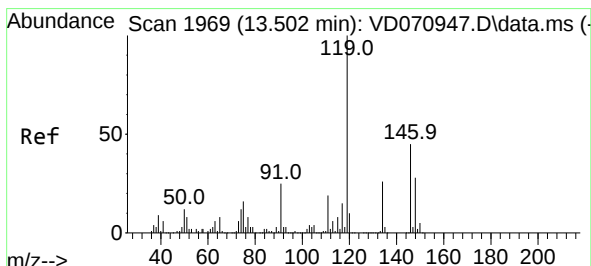
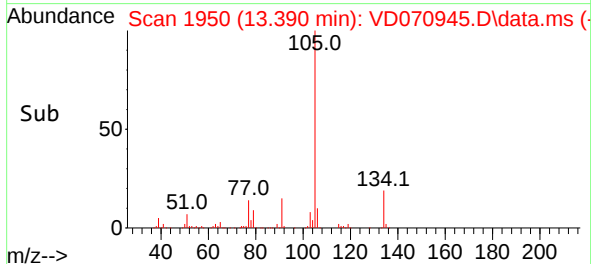
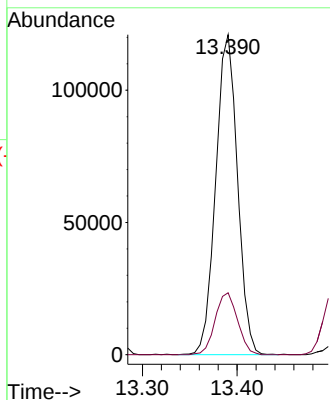
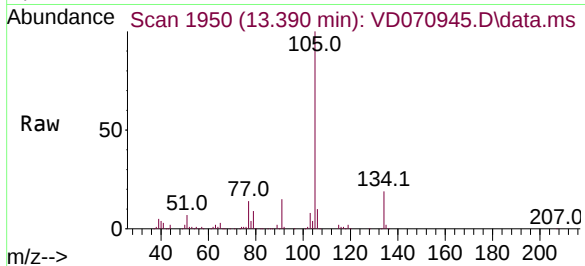




#85  
 sec-Butylbenzene  
 Concen: 8.718 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070945.D  
 Acq: 09 Nov 2021 10:32

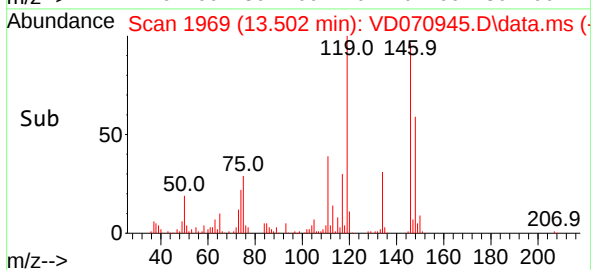
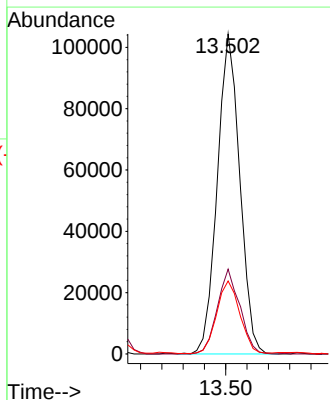
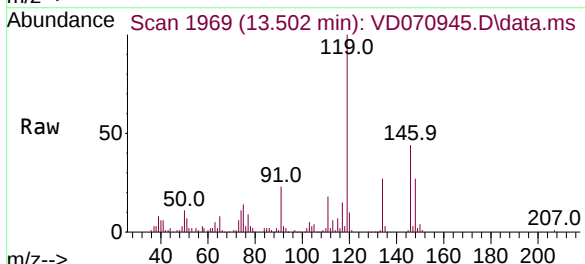
Instrument :  
 MSVOA\_D  
 ClientSampleId :

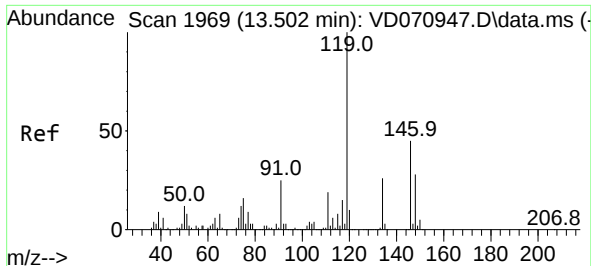
Tgt Ion:105 Resp: 193232  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 8.576 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.000 min  
 Lab File: VD070945.D  
 Acq: 09 Nov 2021 10:32

Tgt Ion:119 Resp: 152640  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.0 38.9  
 91 23.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 8.712 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD070945.D

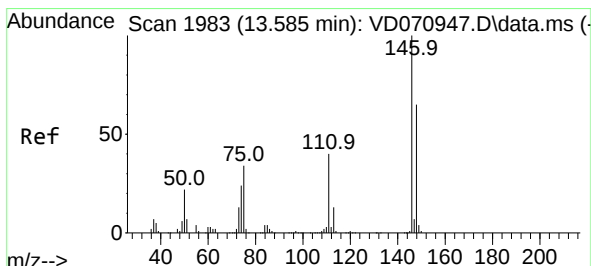
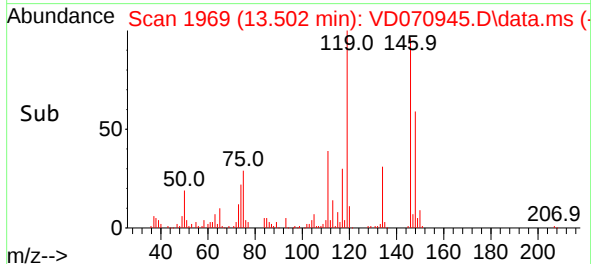
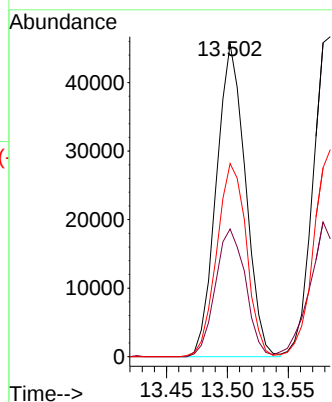
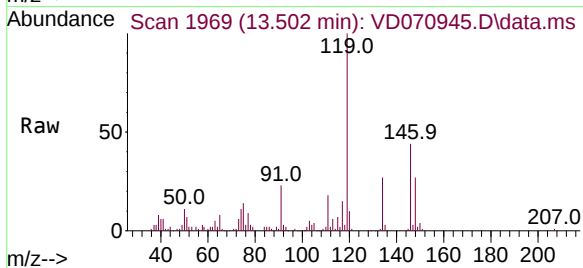
Acq: 09 Nov 2021 10:32

Instrument :

MSVOA\_D

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 75652     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.2  | 19.8 59.4 |
| 148         | 63.1  | 32.1 96.3 |



#88

1,4-Dichlorobenzene

Concen: 8.887 ug/l

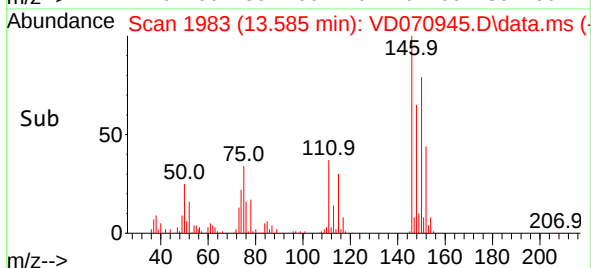
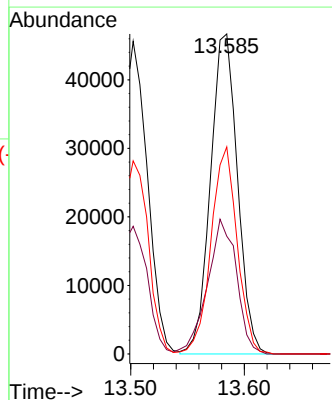
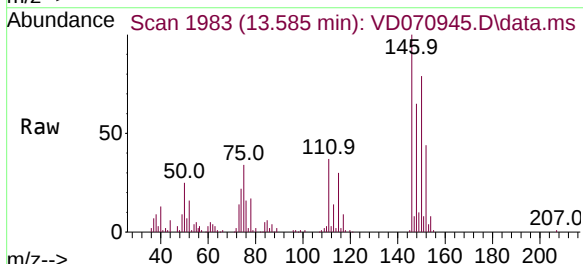
RT: 13.585 min Scan# 1983

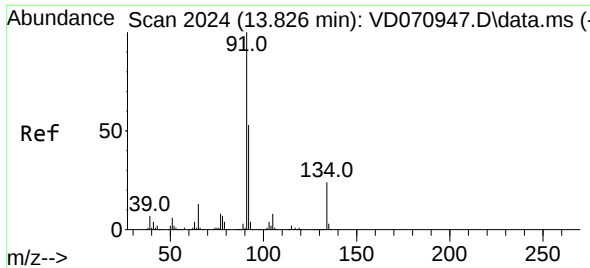
Delta R.T. -0.000 min

Lab File: VD070945.D

Acq: 09 Nov 2021 10:32

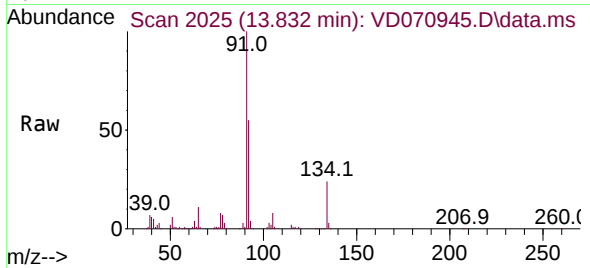
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 77265     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 45.3  | 19.6 58.8 |
| 148         | 62.7  | 31.5 94.5 |



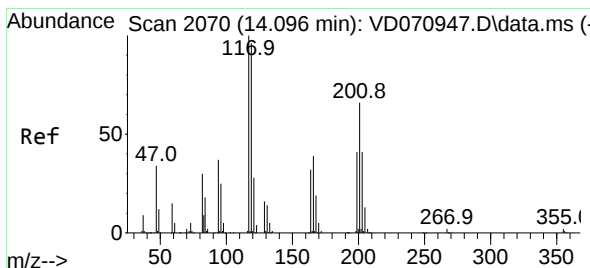
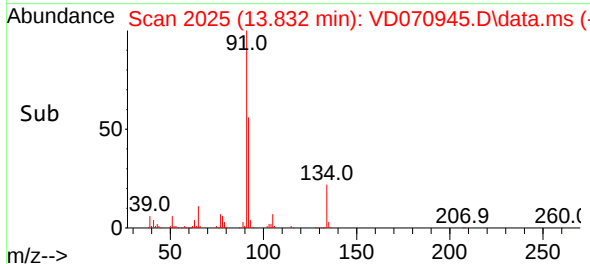
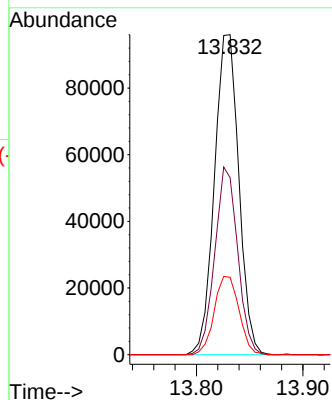


#89  
n-Butylbenzene  
Concen: 8.525 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

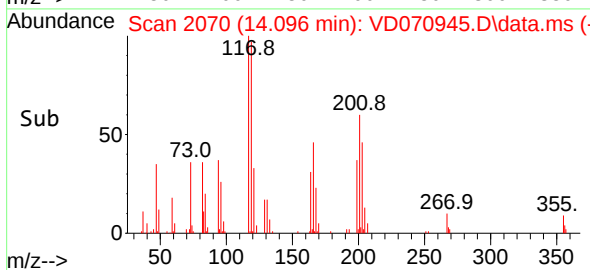
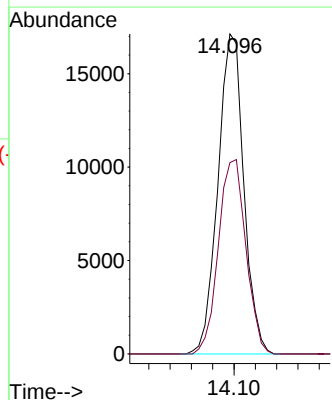
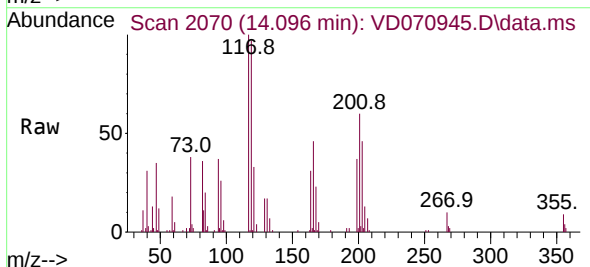


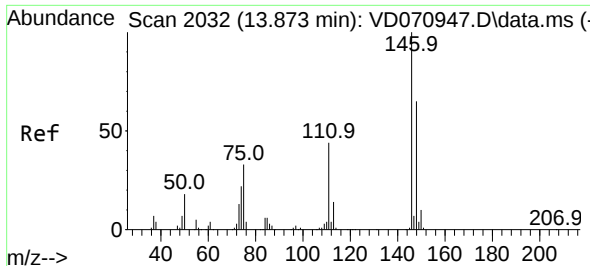
Tgt Ion: 91 Resp: 152473  
Ion Ratio Lower Upper  
91 100  
92 55.0 27.3 81.9  
134 24.8 12.3 36.9



#90  
Hexachloroethane  
Concen: 8.185 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

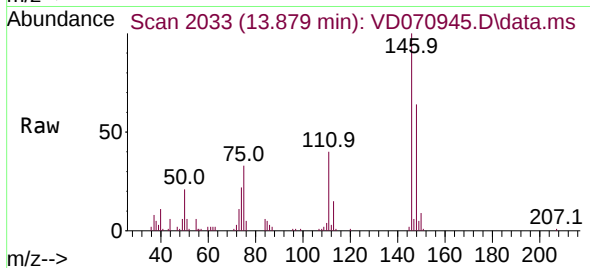
Tgt Ion: 117 Resp: 28827  
Ion Ratio Lower Upper  
117 100  
201 64.6 36.0 108.1



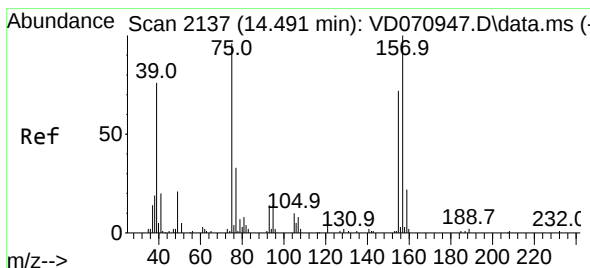
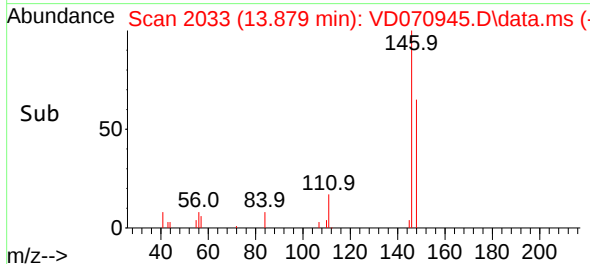
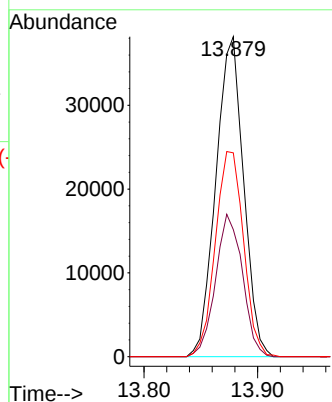


#91  
1,2-Dichlorobenzene  
Concen: 8.603 ug/l  
RT: 13.879 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

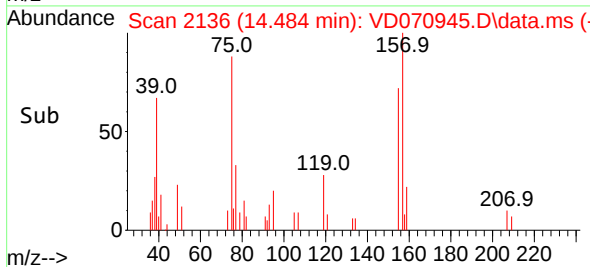
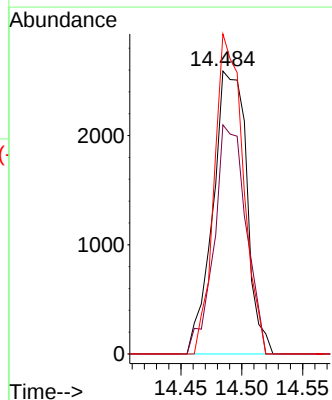
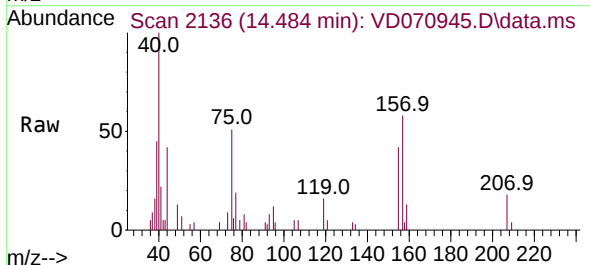


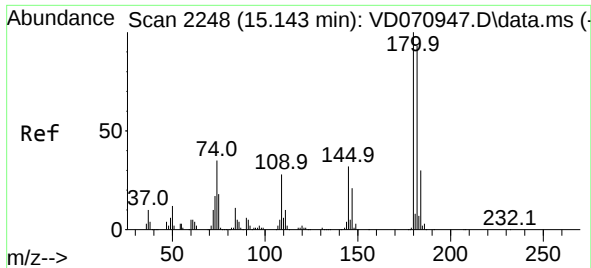
Tgt Ion:146 Resp: 64733  
Ion Ratio Lower Upper  
146 100  
111 43.3 20.8 62.2  
148 65.2 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 8.494 ug/l  
RT: 14.484 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion: 75 Resp: 4984  
Ion Ratio Lower Upper  
75 100  
155 76.7 40.0 120.0  
157 96.8 49.8 149.3

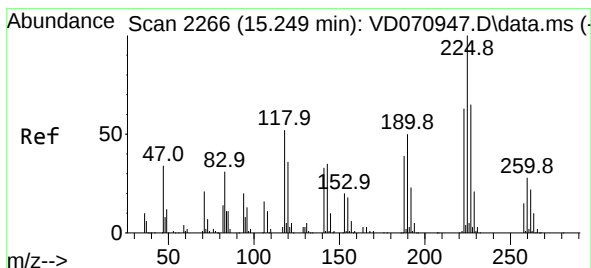
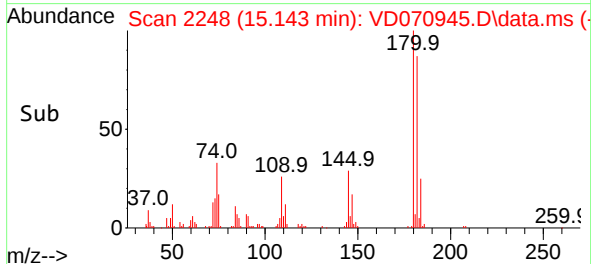
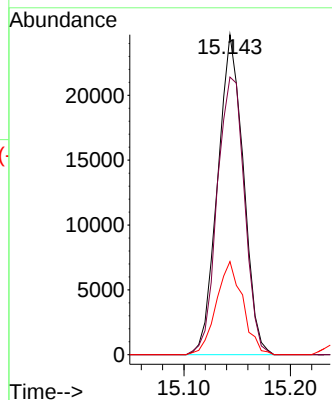
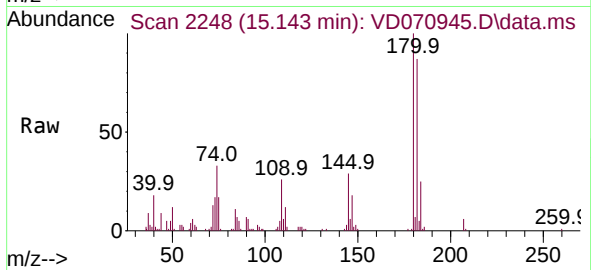




#93  
1,2,4-Trichlorobenzene  
Concen: 8.597 ug/l  
RT: 15.143 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

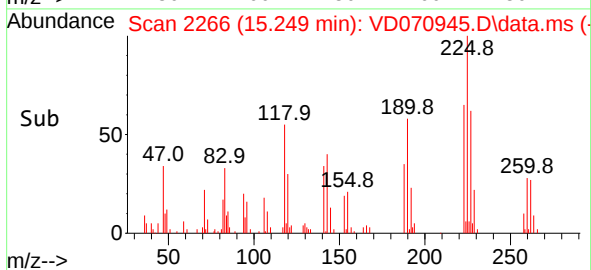
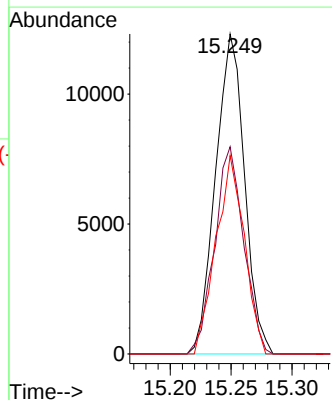
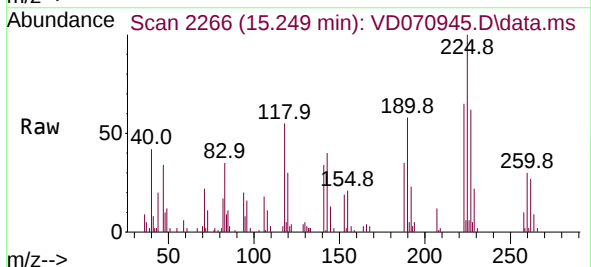
Instrument :  
MSVOA\_D  
ClientSampleId :

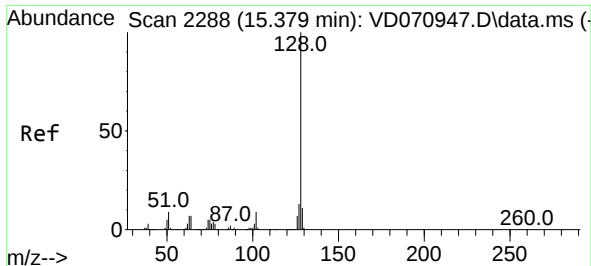
Tgt Ion:180 Resp: 41389  
Ion Ratio Lower Upper  
180 100  
182 91.9 48.2 144.6  
145 30.1 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 8.381 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion:225 Resp: 20348  
Ion Ratio Lower Upper  
225 100  
223 65.1 31.8 95.3  
227 60.8 31.6 94.8

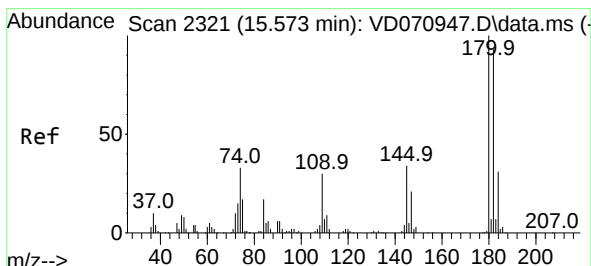
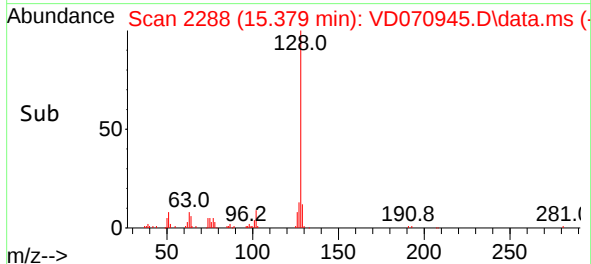
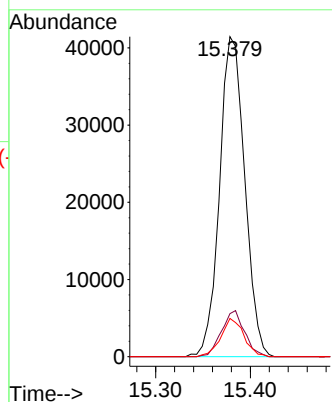
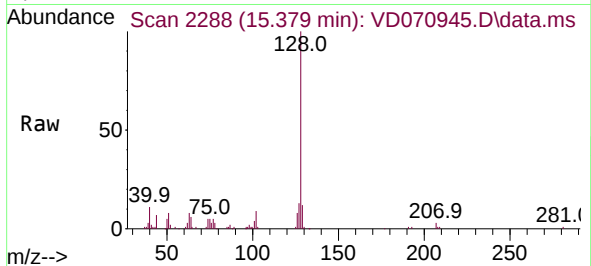




#95  
Naphthalene  
Concen: 8.338 ug/l  
RT: 15.379 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 76645  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.7 16.1  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 8.646 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: VD070945.D  
Acq: 09 Nov 2021 10:32

Tgt Ion:180 Resp: 34997  
Ion Ratio Lower Upper  
180 100  
182 95.8 46.7 140.1  
145 33.8 15.9 47.6

