

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122821\  
 Data File : VD071493.D  
 Acq On : 28 Dec 2021 09:43  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 28 15:04:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 23 08:20:24 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 379034   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 626288   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 570485   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 280096   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 239634   | 47.604   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 95.200%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 216050   | 51.329   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 102.660% |
| 50) Toluene-d8              | 10.332 | 98    | 826734   | 51.975   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 103.940% |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 296101   | 52.386   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 104.780% |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 182490  | 45.948  | ug/l   | 94 |
| 3) Chloromethane             | 2.215 | 50  | 214500  | 42.178  | ug/l   | 97 |
| 4) Vinyl Chloride            | 2.356 | 62  | 255543  | 41.931  | ug/l   | 98 |
| 5) Bromomethane              | 2.779 | 94  | 180974  | 42.447  | ug/l   | 96 |
| 6) Chloroethane              | 2.932 | 64  | 170540  | 42.165  | ug/l   | 92 |
| 7) Trichlorofluoromethane    | 3.279 | 101 | 373438  | 50.053  | ug/l   | 97 |
| 8) Diethyl Ether             | 3.714 | 74  | 103118  | 48.278  | ug/l   | 93 |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 223163  | 51.414  | ug/l   | 96 |
| 10) Methyl Iodide            | 4.309 | 142 | 232278  | 55.028  | ug/l   | 96 |
| 11) Tert butyl alcohol       | 5.209 | 59  | 70146   | 168.707 | ug/l   | 95 |
| 12) 1,1-Dichloroethene       | 4.067 | 96  | 195550  | 49.520  | ug/l   | 89 |
| 13) Acrolein                 | 3.926 | 56  | 56380   | 231.853 | ug/l   | 96 |
| 14) Allyl chloride           | 4.720 | 41  | 375812  | 50.315  | ug/l # | 80 |
| 15) Acrylonitrile            | 5.414 | 53  | 251519  | 239.119 | ug/l   | 95 |
| 16) Acetone                  | 4.150 | 43  | 337428  | 266.866 | ug/l # | 88 |
| 17) Carbon Disulfide         | 4.414 | 76  | 544588  | 42.326  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.720 | 43  | 172840  | 44.288  | ug/l   | 94 |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 506267  | 49.664  | ug/l   | 99 |
| 20) Methylene Chloride       | 4.967 | 84  | 236037  | 49.173  | ug/l   | 89 |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 225123  | 49.220  | ug/l   | 92 |
| 22) Diisopropyl ether        | 6.361 | 45  | 779619  | 51.273  | ug/l   | 93 |
| 23) Vinyl Acetate            | 6.303 | 43  | 1973505 | 251.771 | ug/l   | 96 |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 441429  | 50.640  | ug/l   | 97 |
| 25) 2-Butanone               | 7.203 | 43  | 363237  | 240.510 | ug/l # | 88 |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 383132  | 53.492  | ug/l   | 97 |
| 27) cis-1,2-Dichloroethene   | 7.208 | 96  | 261889  | 51.767  | ug/l   | 93 |
| 28) Bromochloromethane       | 7.544 | 49  | 155993  | 43.670  | ug/l   | 92 |
| 29) Tetrahydrofuran          | 7.561 | 42  | 209173  | 230.674 | ug/l   | 94 |
| 30) Chloroform               | 7.708 | 83  | 447849  | 50.918  | ug/l   | 92 |
| 31) Cyclohexane              | 7.985 | 56  | 394050  | 46.081  | ug/l   | 97 |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 403358  | 51.709  | ug/l # | 93 |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 349360  | 51.952  | ug/l   | 97 |
| 37) Ethyl Acetate            | 7.291 | 43  | 149914  | 48.288  | ug/l # | 93 |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 349533  | 52.684  | ug/l   | 99 |
| 39) Methylcyclohexane        | 9.349 | 83  | 396701  | 50.395  | ug/l   | 98 |
| 40) Benzene                  | 8.350 | 78  | 920930  | 50.942  | ug/l   | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122821\  
 Data File : VD071493.D  
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 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 28 15:04:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 23 08:20:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 88781    | 48.145  | ug/l # | 78       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 290748   | 49.322  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 303224   | 49.216  | ug/l # | 89       |
| 44) Trichloroethene           | 9.108  | 130  | 246578   | 52.342  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 250873   | 53.480  | ug/l   | 99       |
| 46) Dibromomethane            | 9.473  | 93   | 128022   | 49.399  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.655  | 83   | 347440   | 52.804  | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.449  | 41   | 148585   | 48.736  | ug/l # | 80       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 26926    | 919.408 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 785941   | 242.470 | ug/l   | 91       |
| 52) Toluene                   | 10.396 | 92   | 602111   | 52.432  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 318644   | 51.860  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 373317   | 52.579  | ug/l # | 81       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 170313   | 51.773  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 228028   | 52.676  | ug/l # | 74       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 309773   | 51.410  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 516384   | 249.028 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 596412   | 260.307 | ug/l   | 88       |
| 60) Dibromochloromethane      | 11.132 | 129  | 218303   | 52.791  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 166802   | 51.194  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 198423   | 50.051  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.667 | 112  | 622995   | 53.239  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 233013   | 54.506  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 1198836  | 55.048  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.843 | 106  | 900606   | 108.849 | ug/l   | 96       |
| 69) o-Xylene                  | 12.173 | 106  | 424169   | 56.085  | ug/l   | 95       |
| 70) Styrene                   | 12.191 | 104  | 730799   | 55.623  | ug/l   | 97       |
| 71) Bromoform                 | 12.355 | 173  | 122485   | 52.948  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1162599  | 53.839  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 285436   | 49.268  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 192721   | 49.364  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 173082m  | 52.007  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 242130   | 50.390  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.814 | 91   | 1453862  | 53.713  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 799606   | 52.861  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 968101   | 54.353  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 57849    | 49.114  | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 833914   | 53.148  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 820084   | 53.882  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 959061   | 54.405  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 1273851  | 54.900  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1067826  | 55.464  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 507055   | 52.397  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 490921   | 51.737  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.832 | 91   | 1046950  | 55.405  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.102 | 117  | 198781   | 54.504  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 424901   | 51.736  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 30741    | 45.405  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 269746   | 53.897  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 152035   | 56.706  | ug/l   | 98       |
| 95) Naphthalene               | 15.384 | 128  | 487016   | 51.122  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 222345   | 51.363  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122821\  
Data File : VD071493.D  
Acq On : 28 Dec 2021 09:43  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

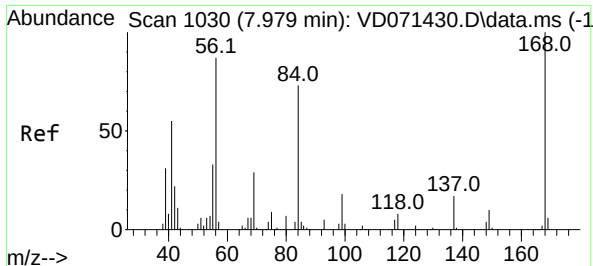
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Dec 28 15:04:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 23 08:20:24 2021  
Response via : Initial Calibration

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

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

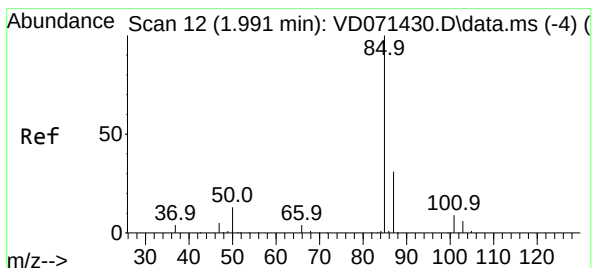
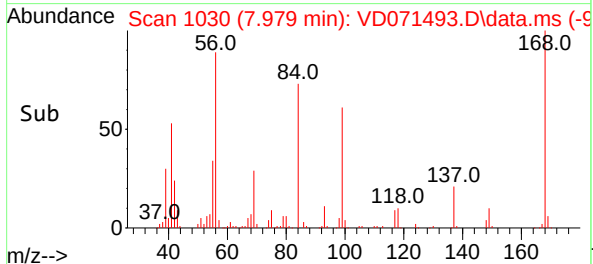
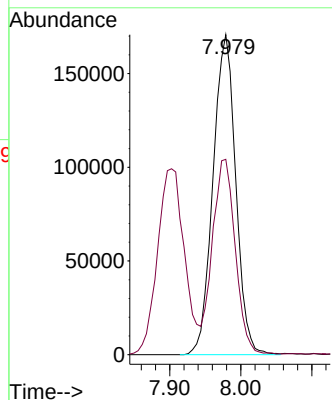
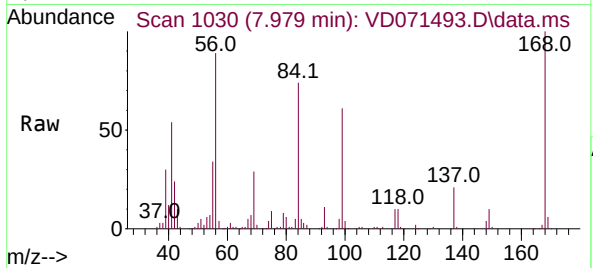




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

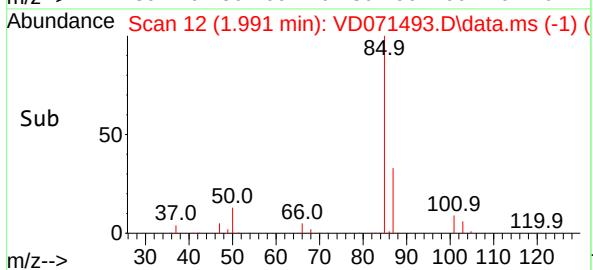
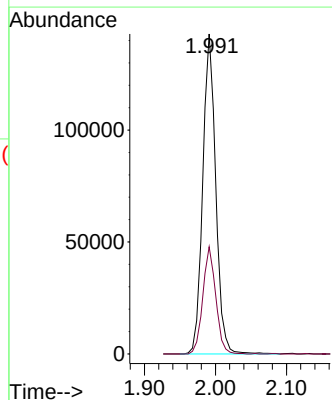
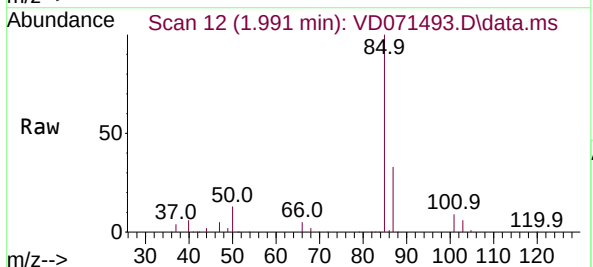
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

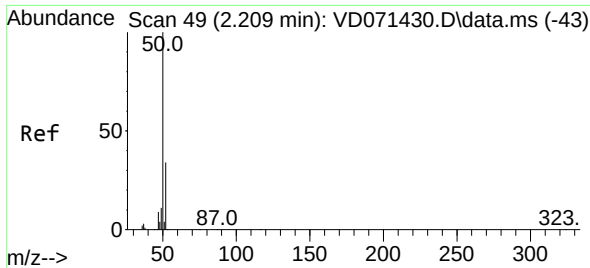
Tgt Ion:168 Resp: 379034  
Ion Ratio Lower Upper  
168 100  
99 60.8 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 45.948 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 85 Resp: 182490  
Ion Ratio Lower Upper  
85 100  
87 33.5 15.2 45.6

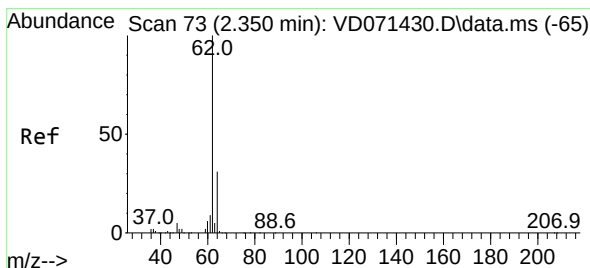
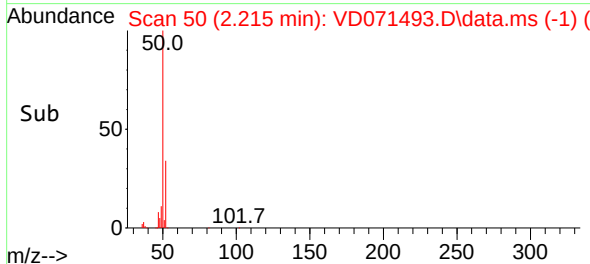
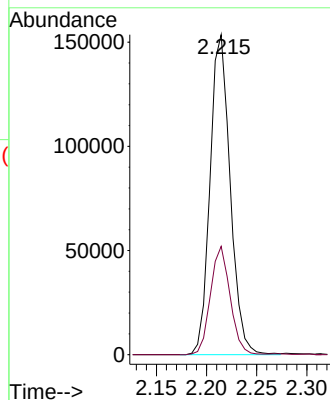
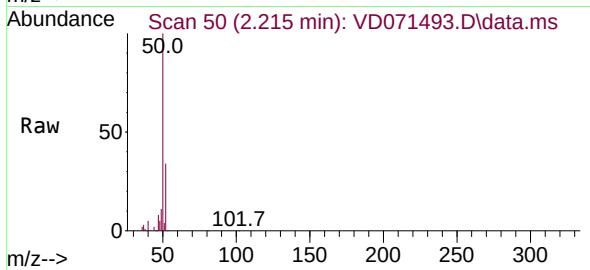




#3  
Chloromethane  
Concen: 42.178 ug/l  
RT: 2.215 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

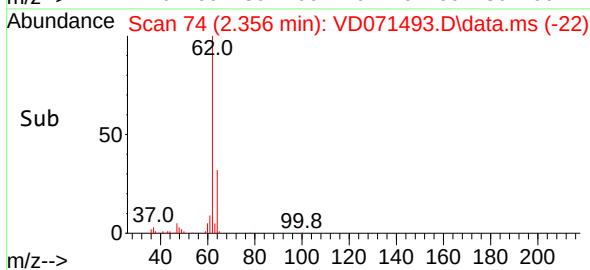
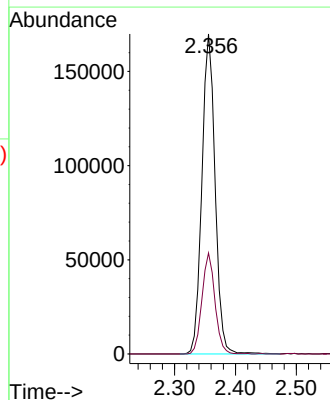
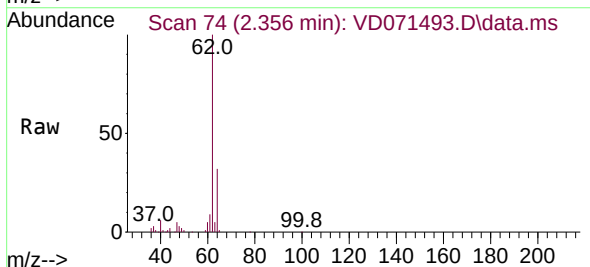
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

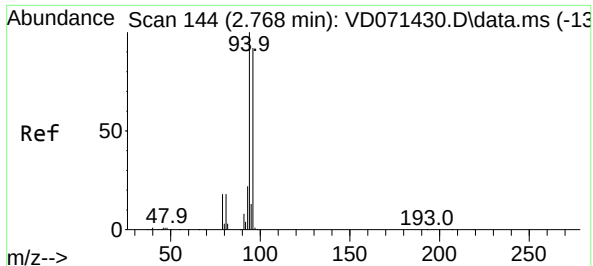
Tgt Ion: 50 Resp: 214500  
Ion Ratio Lower Upper  
50 100  
52 33.9 25.8 38.8



#4  
Vinyl Chloride  
Concen: 41.931 ug/l  
RT: 2.356 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 62 Resp: 255543  
Ion Ratio Lower Upper  
62 100  
64 31.6 26.0 39.0

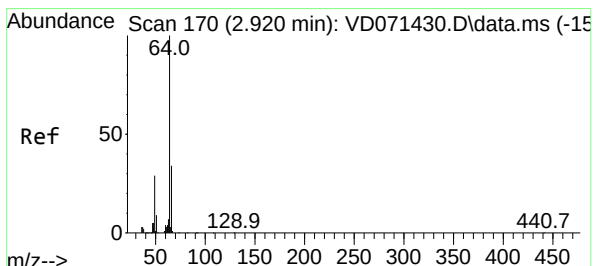
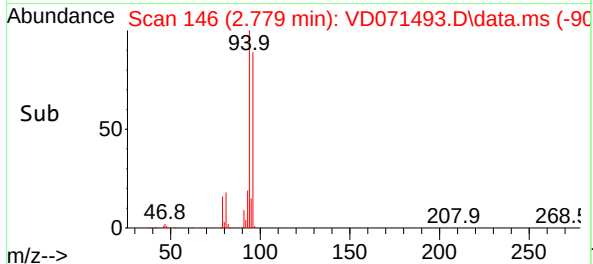
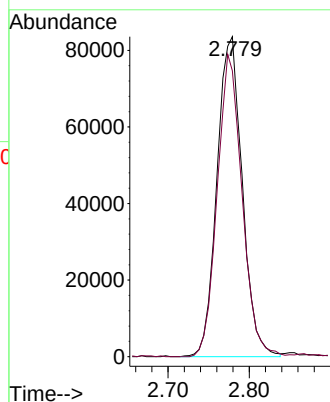
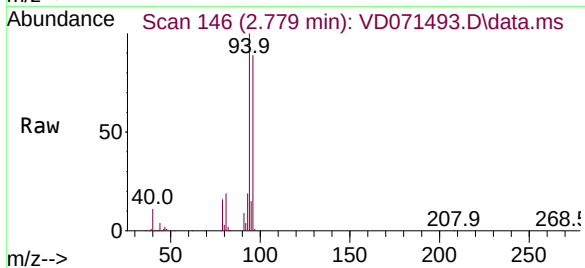




#5  
Bromomethane  
Concen: 42.447 ug/l  
RT: 2.779 min Scan# 144  
Delta R.T. 0.029 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

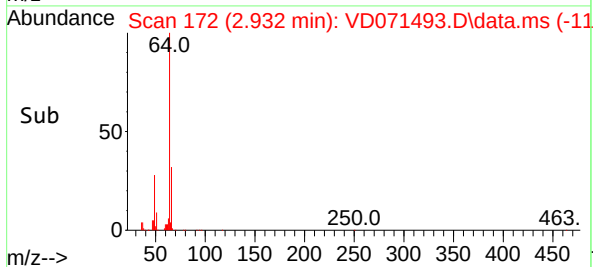
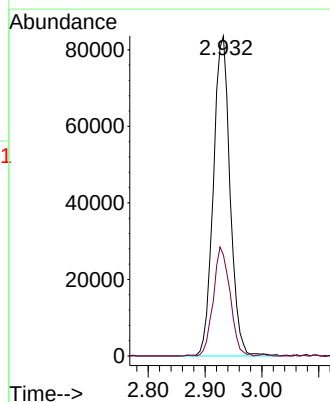
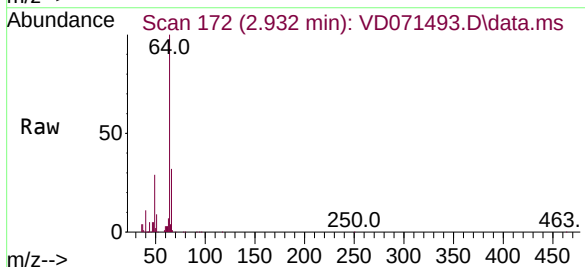
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

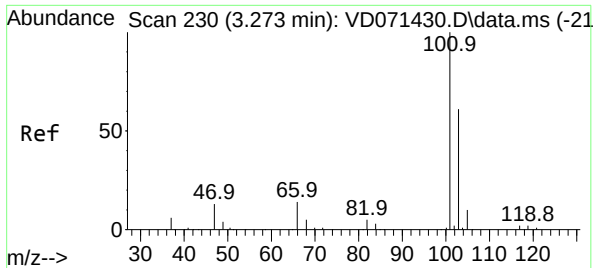
Tgt Ion: 94 Resp: 180974  
Ion Ratio Lower Upper  
94 100  
96 89.4 74.8 112.2



#6  
Chloroethane  
Concen: 42.165 ug/l  
RT: 2.932 min Scan# 172  
Delta R.T. 0.017 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 64 Resp: 170540  
Ion Ratio Lower Upper  
64 100  
66 31.6 29.0 43.4

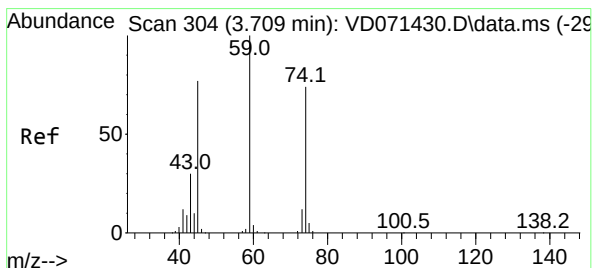
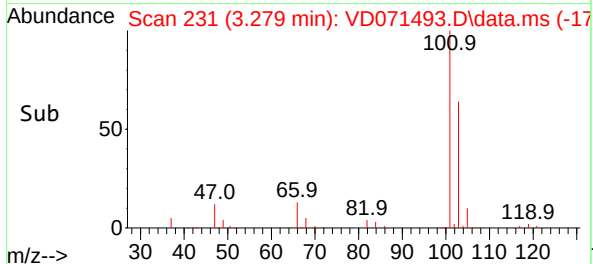
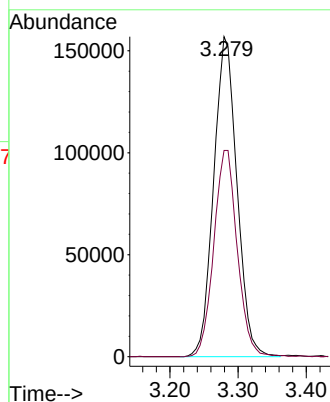
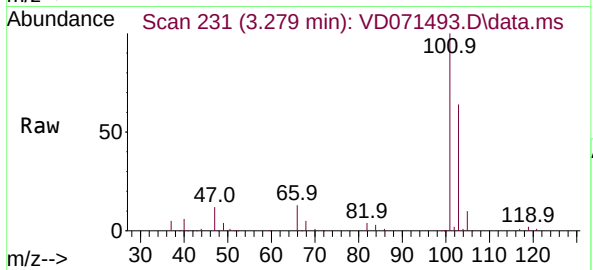




#7  
 Trichlorofluoromethane  
 Concen: 50.053 ug/l  
 RT: 3.279 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

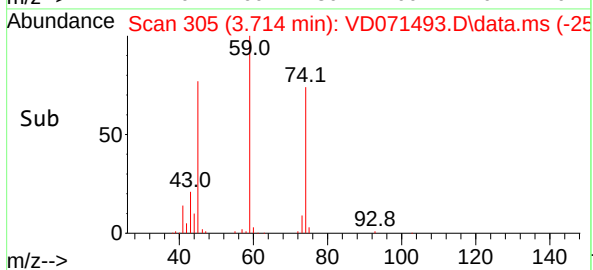
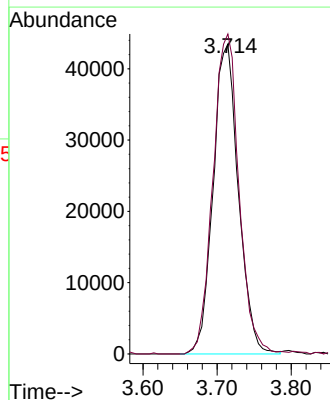
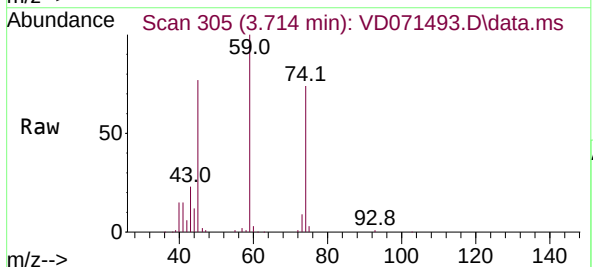
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 373438  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 49.7 74.5

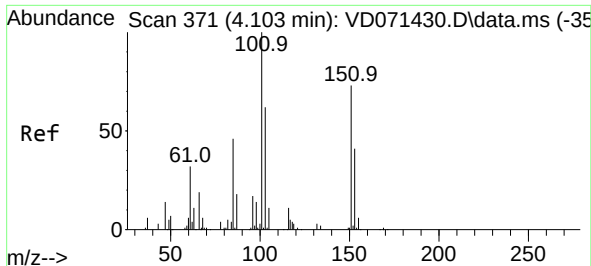


#8  
 Diethyl Ether  
 Concen: 48.278 ug/l  
 RT: 3.714 min Scan# 305  
 Delta R.T. 0.005 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

Tgt Ion: 74 Resp: 103118  
 Ion Ratio Lower Upper  
 74 100  
 45 106.4 49.6 149.0



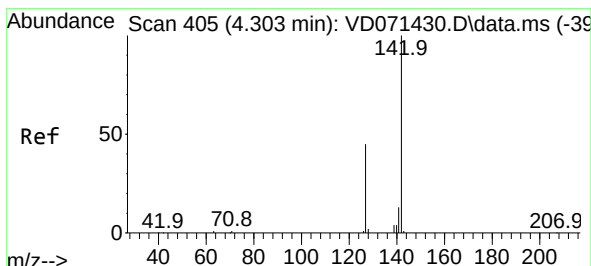
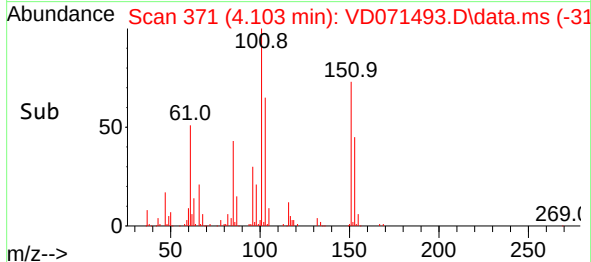
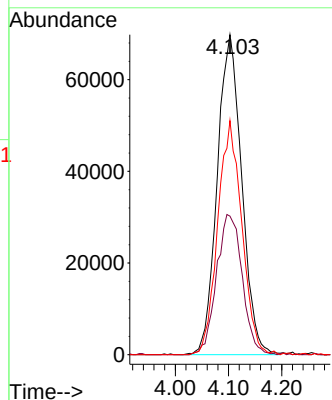
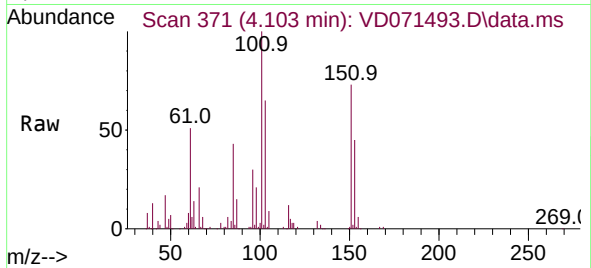




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.414 ug/l  
RT: 4.103 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

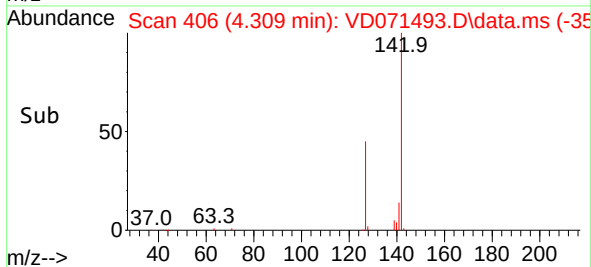
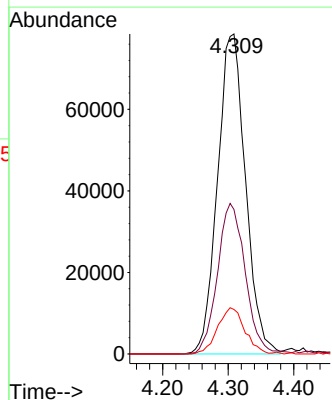
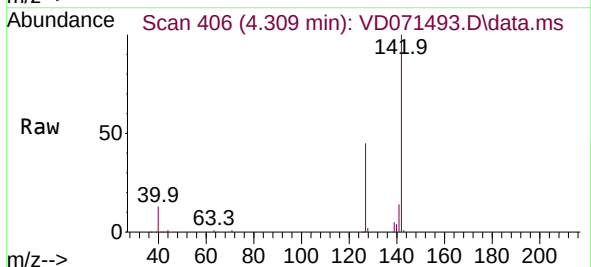
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

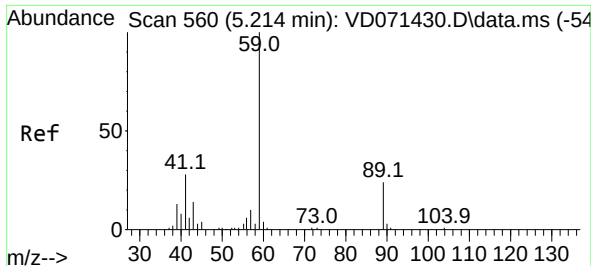
Tgt Ion:101 Resp: 223163  
Ion Ratio Lower Upper  
101 100  
85 45.8 34.8 52.2  
151 71.9 60.4 90.6



#10  
Methyl Iodide  
Concen: 55.028 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. 0.012 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:142 Resp: 232278  
Ion Ratio Lower Upper  
142 100  
127 46.7 35.0 52.4  
141 14.1 12.0 18.0

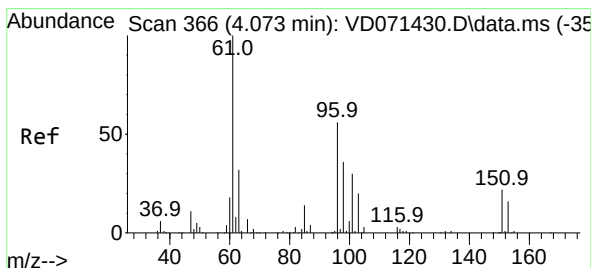
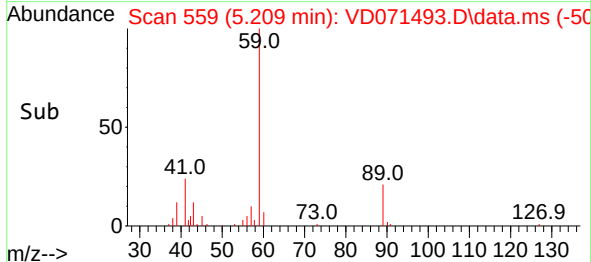
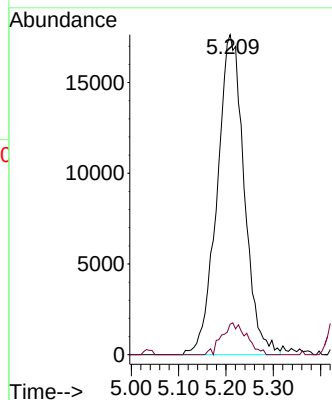
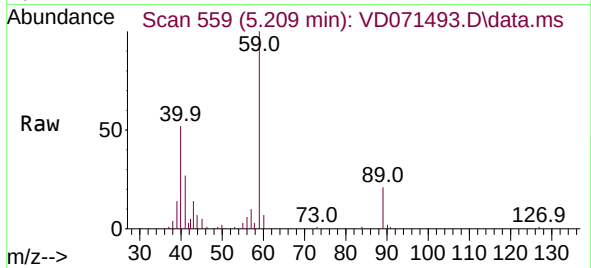




#11  
Tert butyl alcohol  
Concen: 168.707 ug/l  
RT: 5.209 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

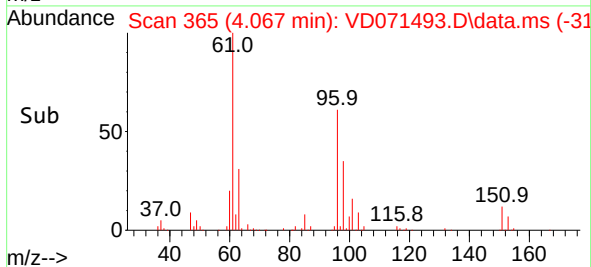
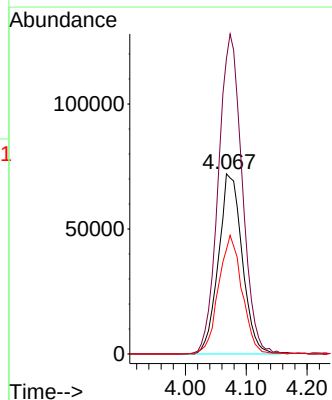
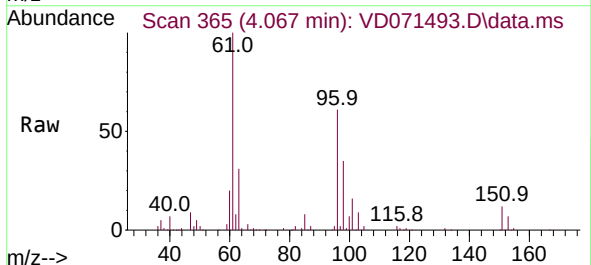
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

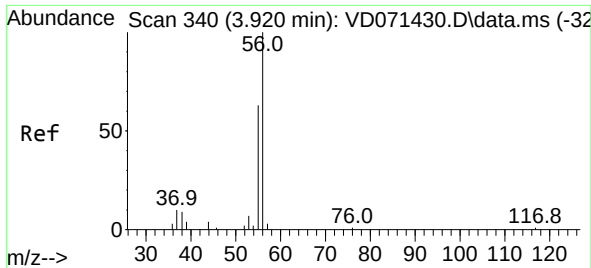
Tgt Ion: 59 Resp: 70146  
Ion Ratio Lower Upper  
59 100  
57 9.1 9.0 13.4



#12  
1,1-Dichloroethene  
Concen: 49.520 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. 0.005 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 96 Resp: 195550  
Ion Ratio Lower Upper  
96 100  
61 163.9 120.3 180.5  
98 58.0 54.4 81.6





#13

Acrolein

Concen: 231.853 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.012 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

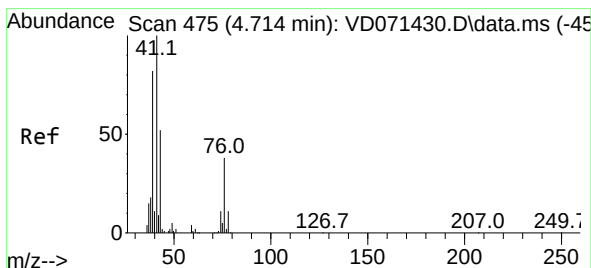
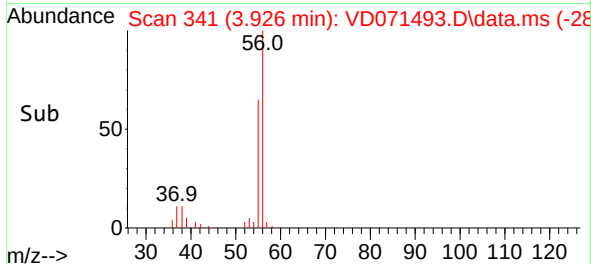
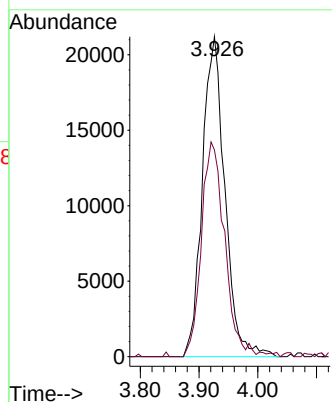
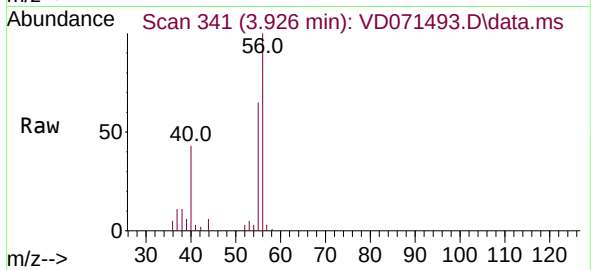
VSTDCCC050

Tgt Ion: 56 Resp: 56380

Ion Ratio Lower Upper

56 100

55 69.5 58.6 87.8



#14

Allyl chloride

Concen: 50.315 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.017 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

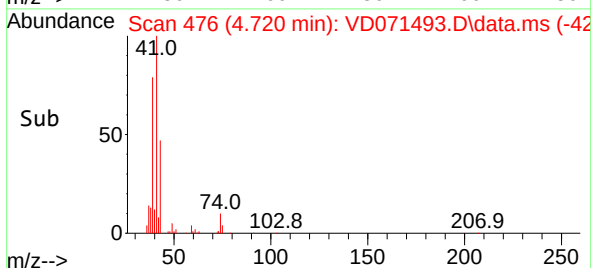
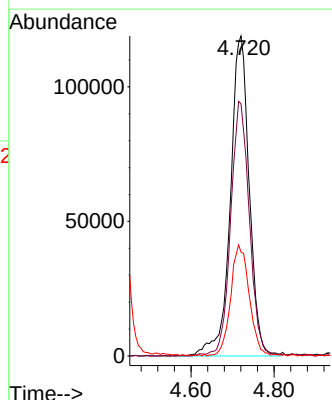
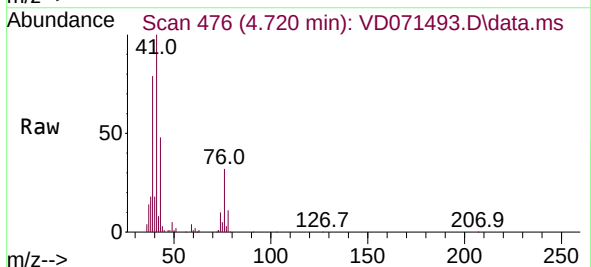
Tgt Ion: 41 Resp: 375812

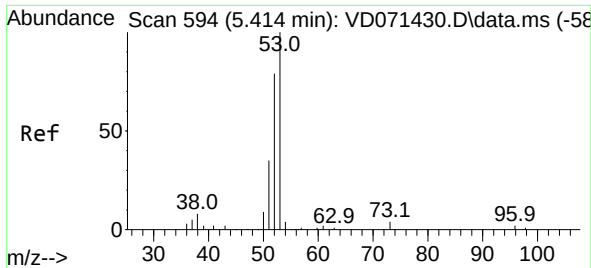
Ion Ratio Lower Upper

41 100

39 78.6 45.6 68.4#

76 34.1 30.2 45.4

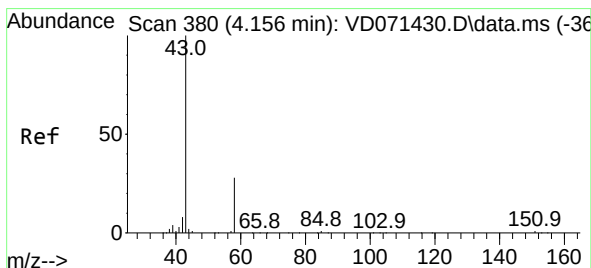
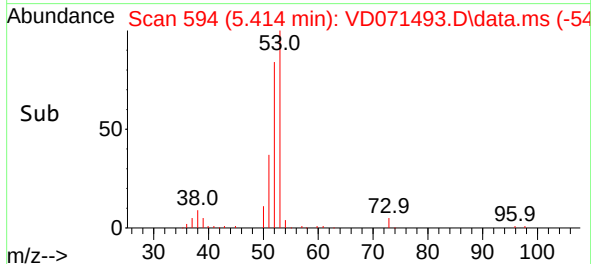
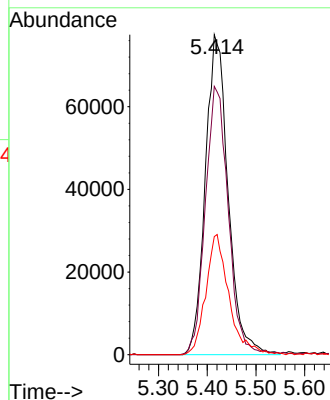
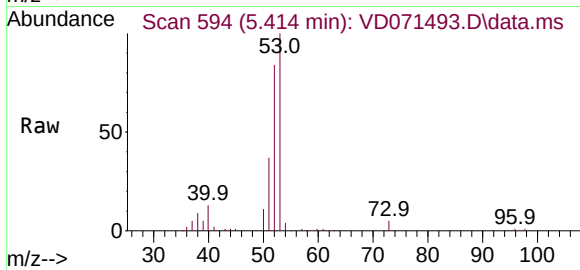




#15  
Acrylonitrile  
Concen: 239.119 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

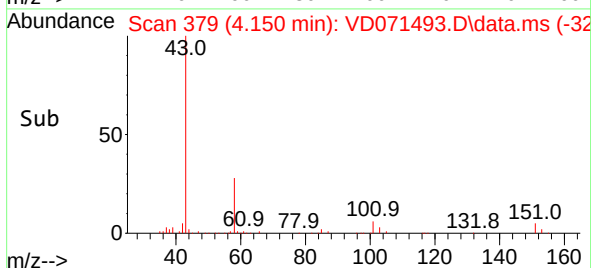
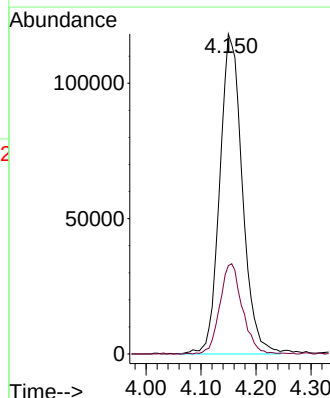
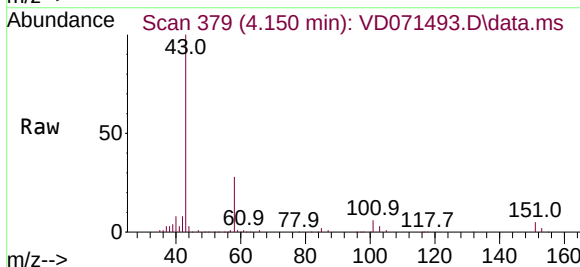
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

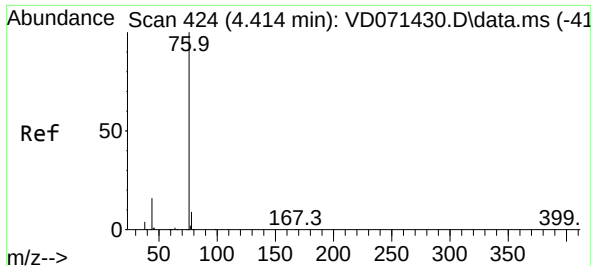
Tgt Ion: 53 Resp: 251519  
Ion Ratio Lower Upper  
53 100  
52 84.3 63.8 95.8  
51 38.2 28.5 42.7



#16  
Acetone  
Concen: 266.866 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 43 Resp: 337428  
Ion Ratio Lower Upper  
43 100  
58 27.6 27.8 41.8#

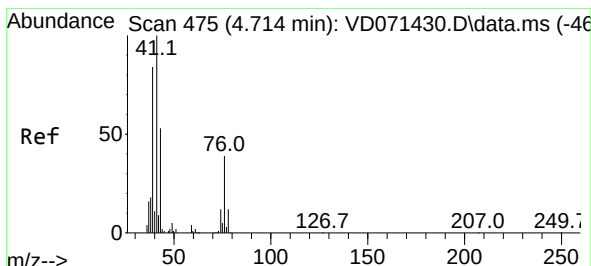
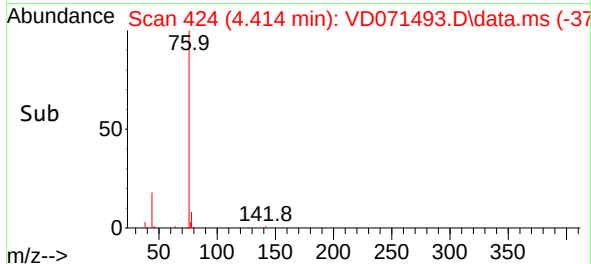
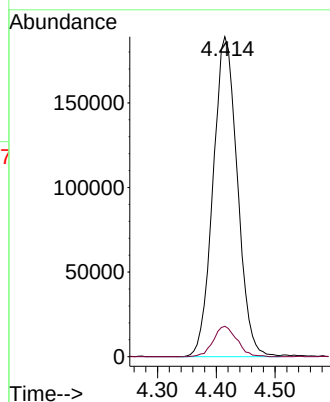
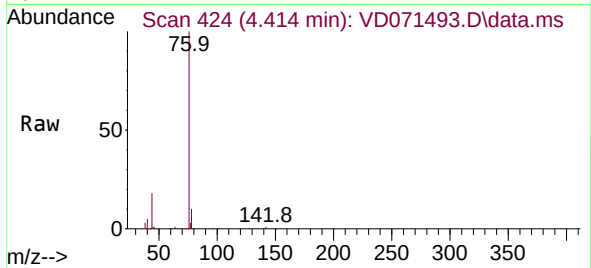




#17  
Carbon Disulfide  
Concen: 42.326 ug/l  
RT: 4.414 min Scan# 41  
Delta R.T. 0.005 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

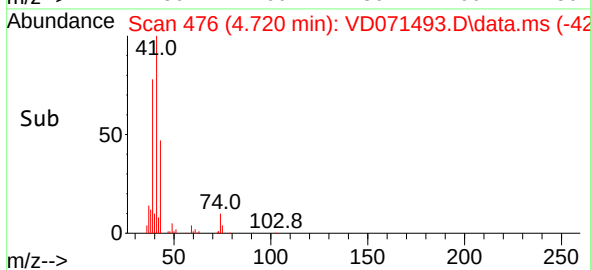
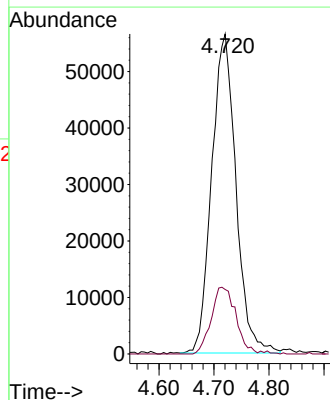
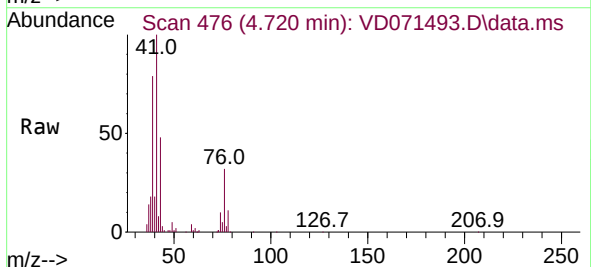
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

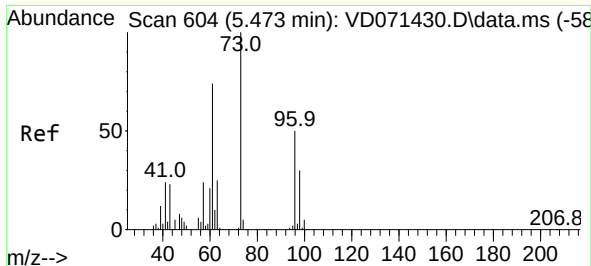
Tgt Ion: 76 Resp: 544588  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.8 11.8



#18  
Methyl Acetate  
Concen: 44.288 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 43 Resp: 172840  
Ion Ratio Lower Upper  
43 100  
74 21.2 19.3 28.9

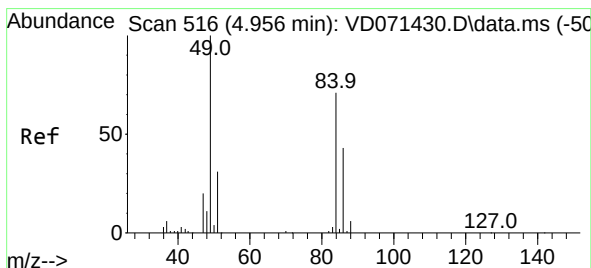
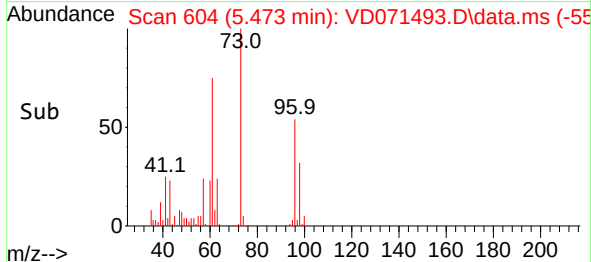
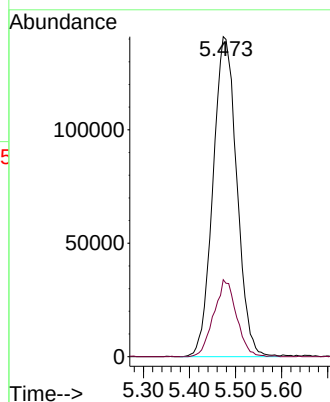
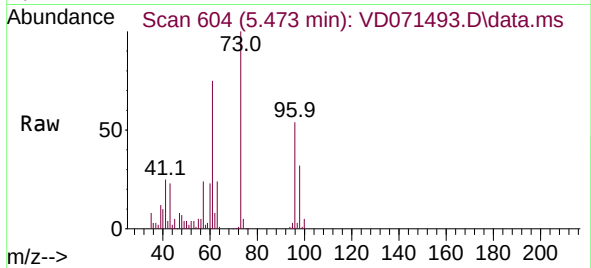




#19  
Methyl tert-butyl Ether  
Concen: 49.664 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

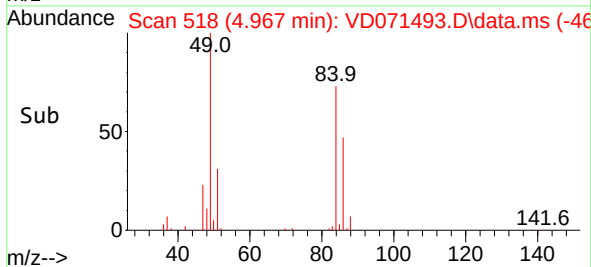
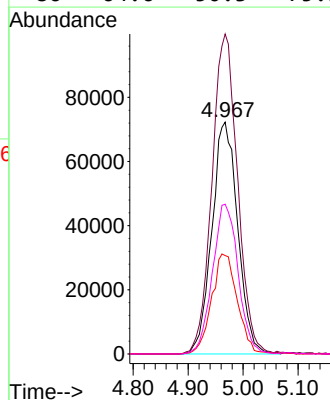
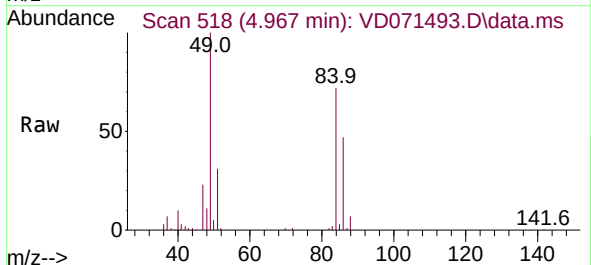
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

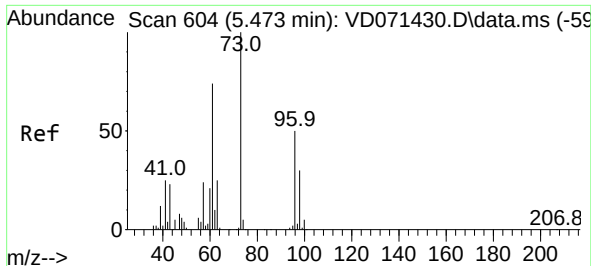
Tgt Ion: 73 Resp: 506267  
Ion Ratio Lower Upper  
73 100  
57 24.0 18.9 28.3



#20  
Methylene Chloride  
Concen: 49.173 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 84 Resp: 236037  
Ion Ratio Lower Upper  
84 100  
49 138.0 95.8 143.6  
51 42.4 30.9 46.3  
86 64.6 50.3 75.5

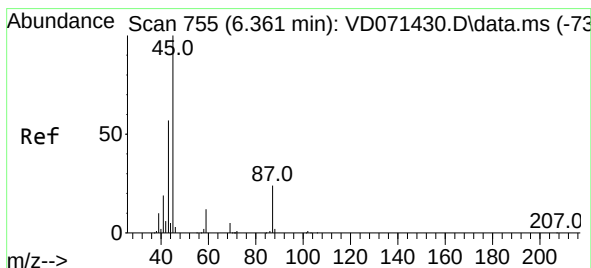
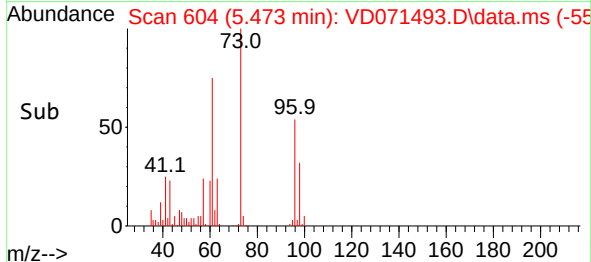
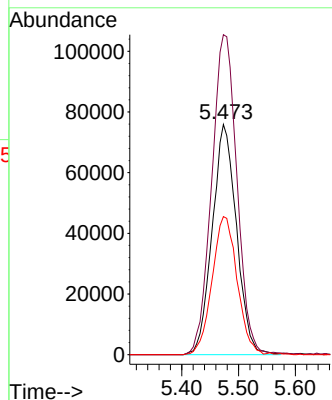
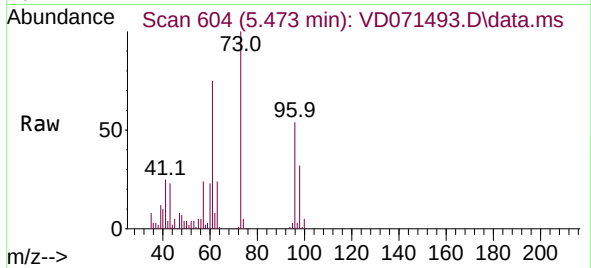




#21  
trans-1,2-Dichloroethene  
Concen: 49.220 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

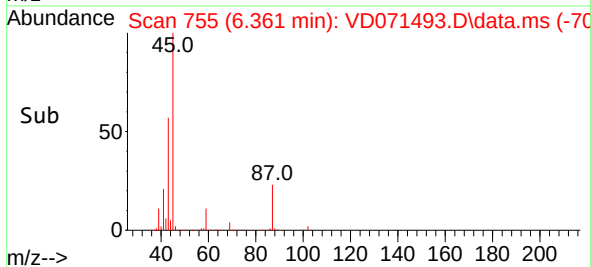
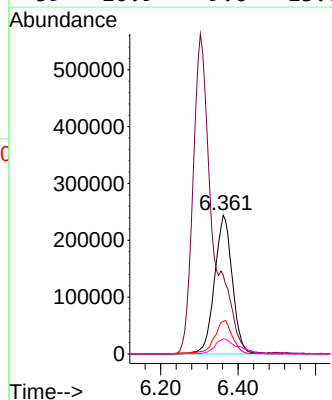
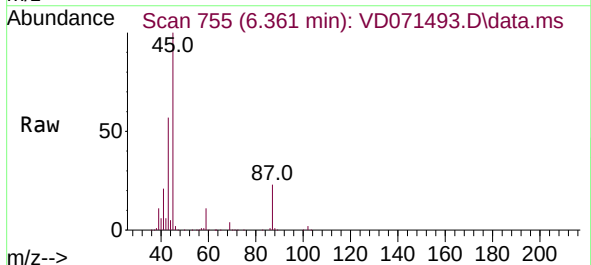
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

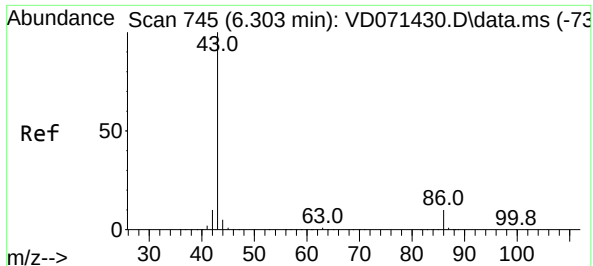
Tgt Ion: 96 Resp: 225123  
Ion Ratio Lower Upper  
96 100  
61 138.9 102.1 153.1  
98 59.9 50.1 75.1



#22  
Diisopropyl ether  
Concen: 51.273 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 45 Resp: 779619  
Ion Ratio Lower Upper  
45 100  
43 56.0 39.6 59.4  
87 23.2 21.2 31.8  
59 10.9 9.0 13.6

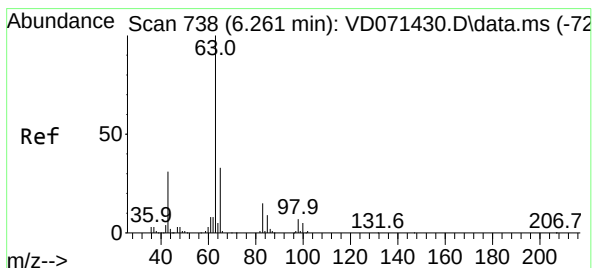
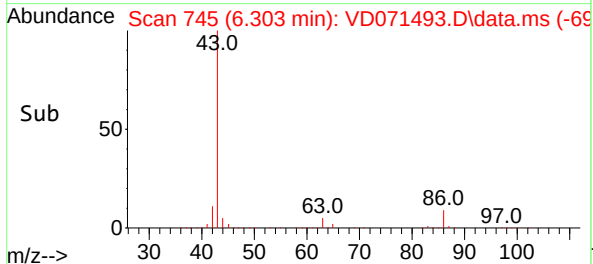
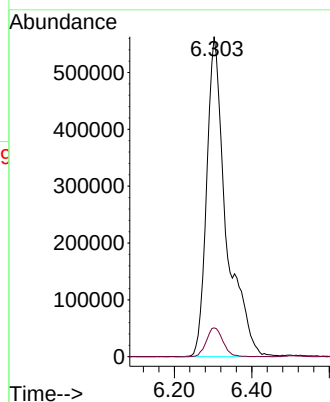
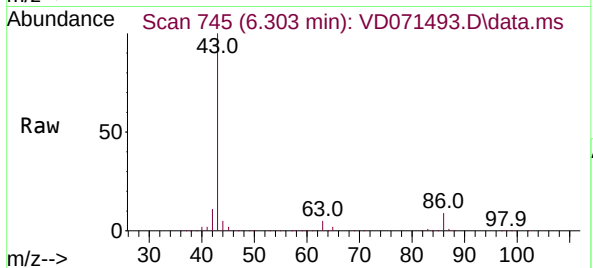




#23  
 Vinyl Acetate  
 Concen: 251.771 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

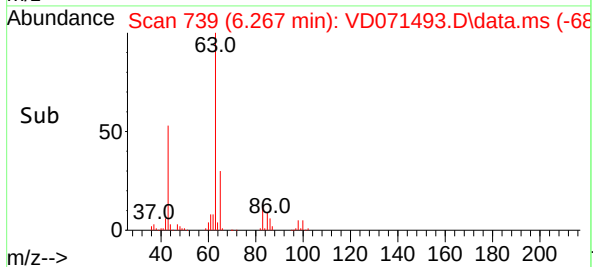
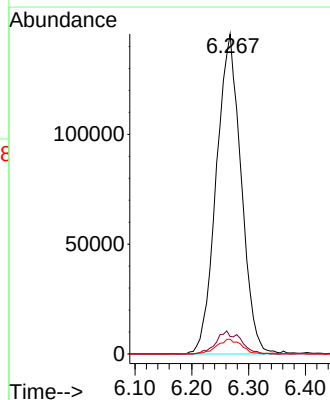
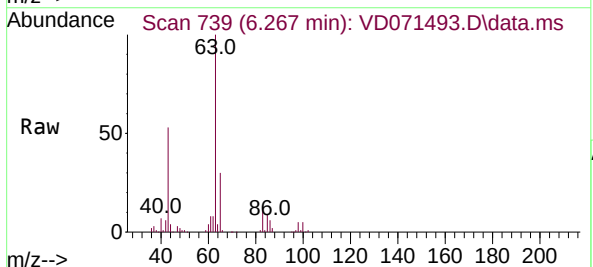
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1973505  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 8.2 12.4

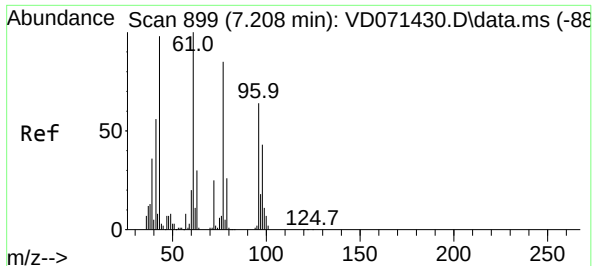


#24  
 1,1-Dichloroethane  
 Concen: 50.640 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.006 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

Tgt Ion: 63 Resp: 441429  
 Ion Ratio Lower Upper  
 63 100  
 98 5.5 3.5 10.6  
 100 4.6 2.1 6.3



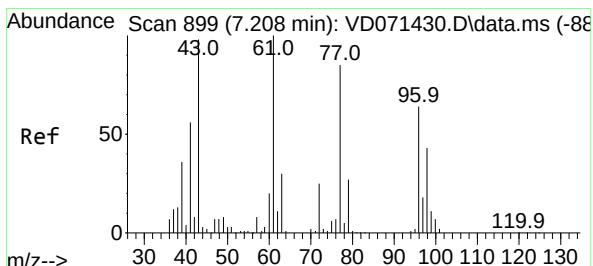
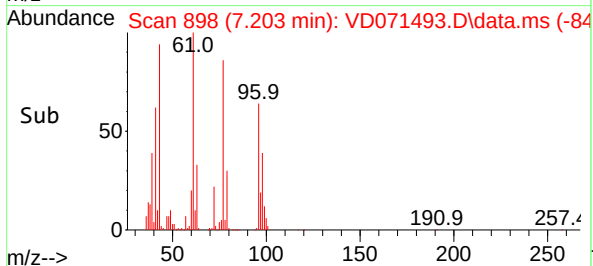
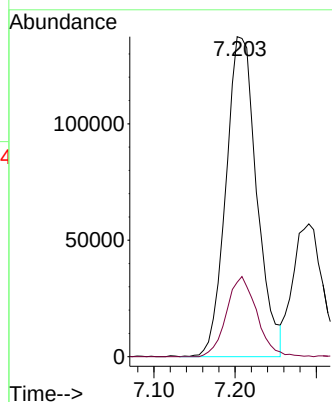
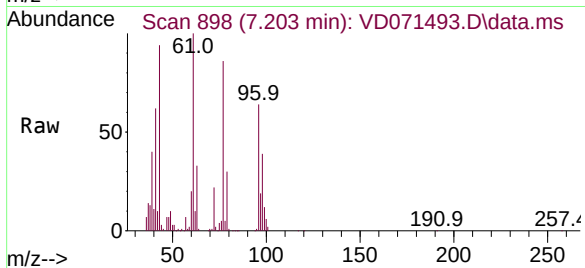




#25  
2-Butanone  
Concen: 240.510 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.005 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

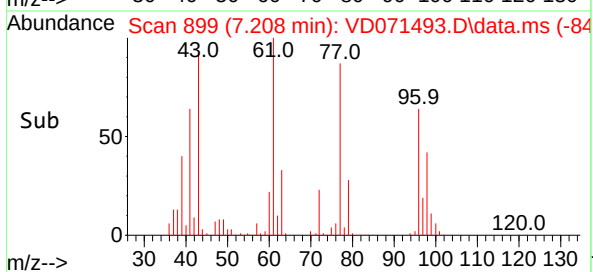
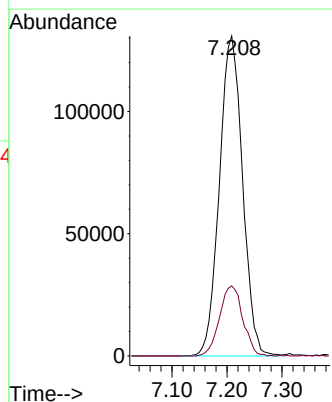
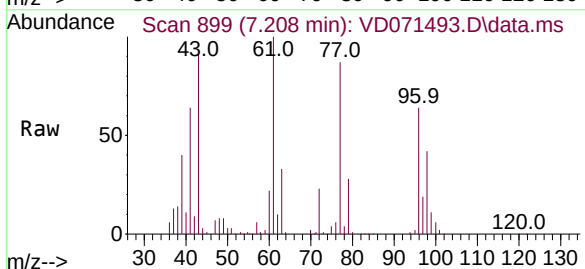
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

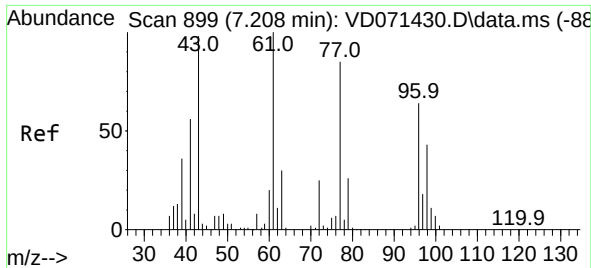
Tgt Ion: 43 Resp: 363237  
Ion Ratio Lower Upper  
43 100  
72 23.2 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 53.492 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 77 Resp: 383132  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.767 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

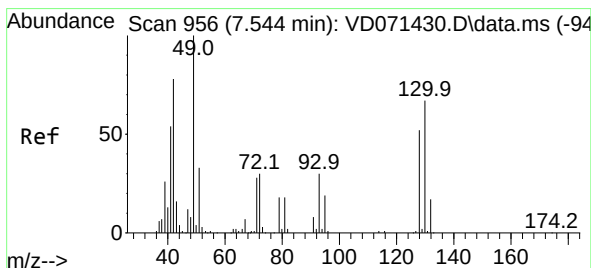
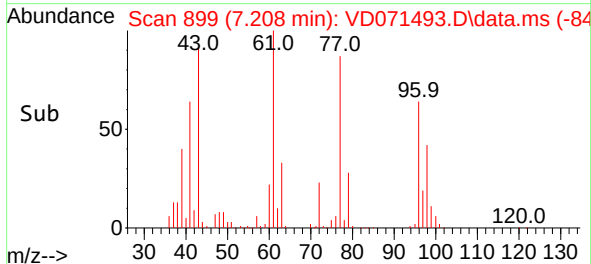
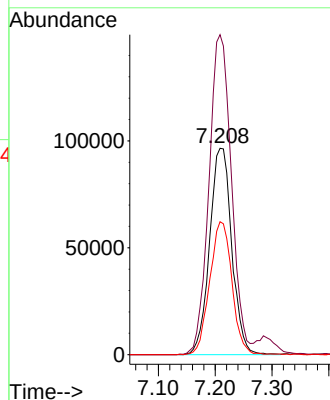
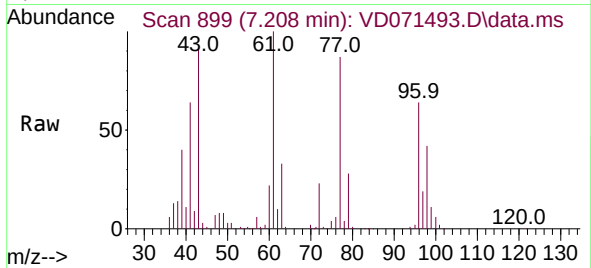
Tgt Ion: 96 Resp: 261889

Ion Ratio Lower Upper

96 100

61 156.5 0.0 288.6

98 64.4 0.0 129.2



#28

Bromochloromethane

Concen: 43.670 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.006 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

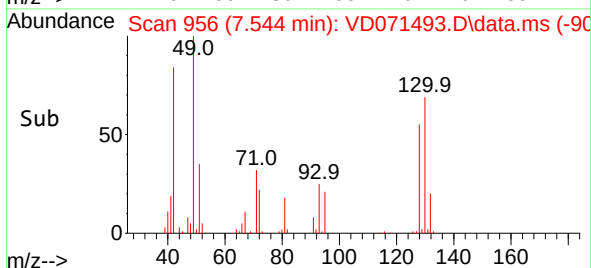
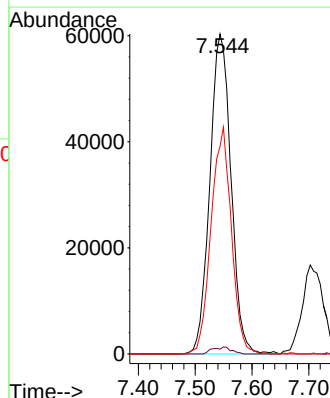
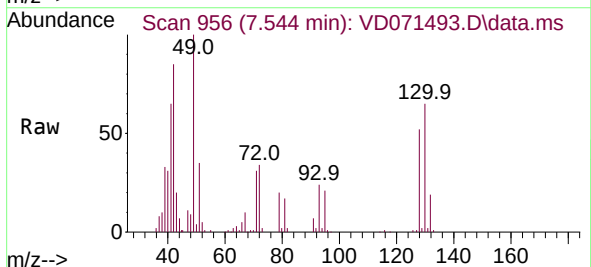
Tgt Ion: 49 Resp: 155993

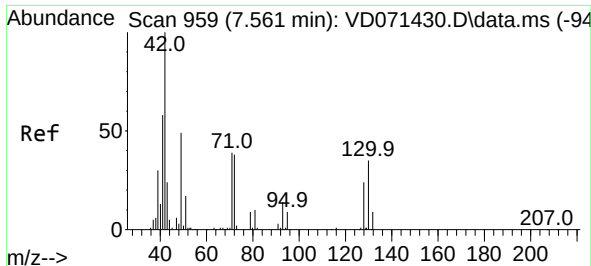
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 67.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 230.674 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

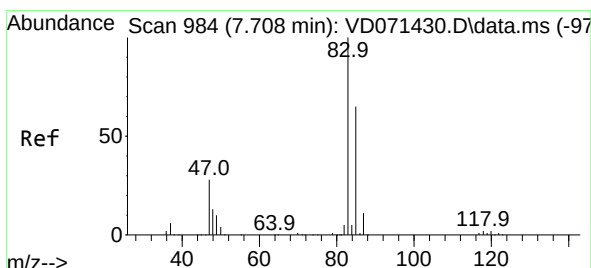
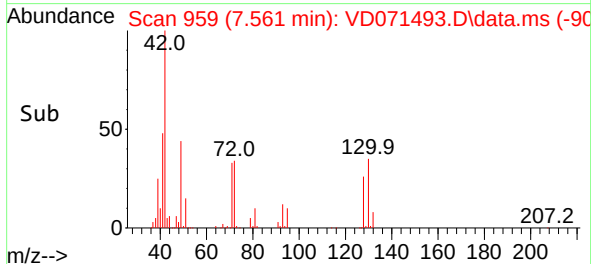
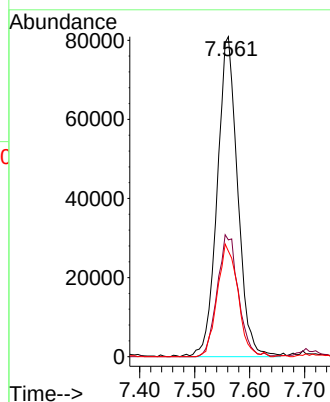
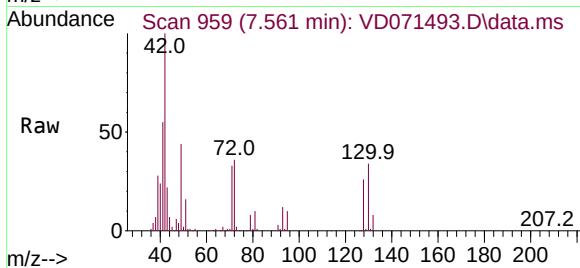
Tgt Ion: 42 Resp: 209173

Ion Ratio Lower Upper

42 100

72 39.3 33.7 50.5

71 35.8 32.7 49.1



#30

Chloroform

Concen: 50.918 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD071493.D

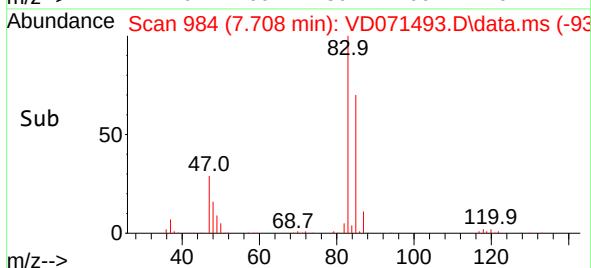
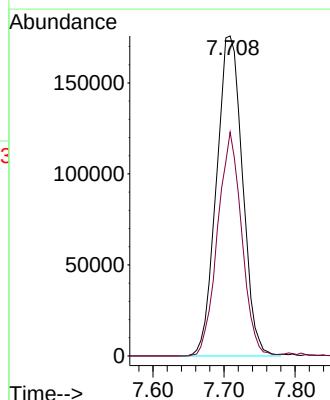
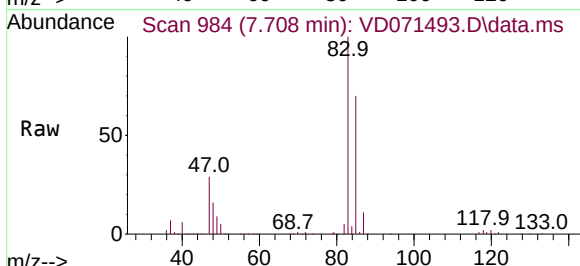
Acq: 28 Dec 2021 09:43

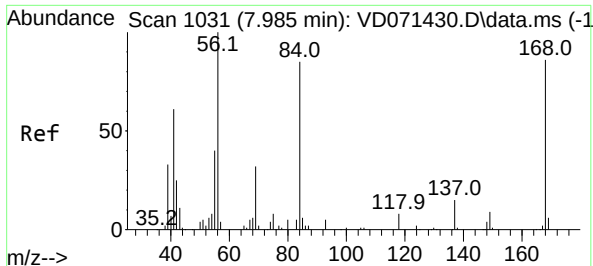
Tgt Ion: 83 Resp: 447849

Ion Ratio Lower Upper

83 100

85 70.0 51.0 76.6





#31

Cyclohexane

Concen: 46.081 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

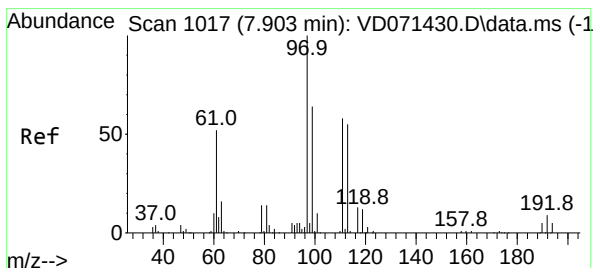
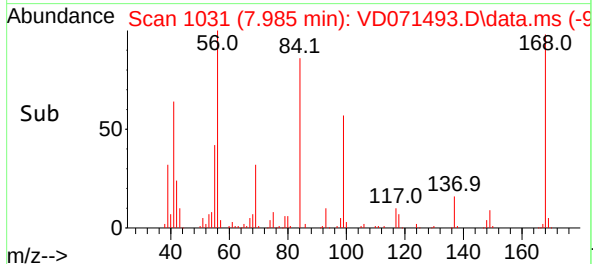
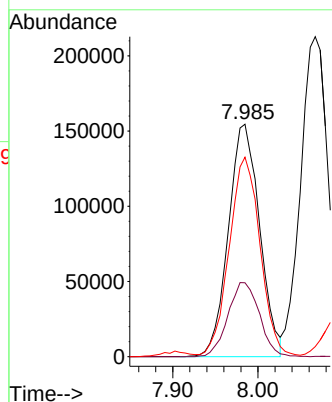
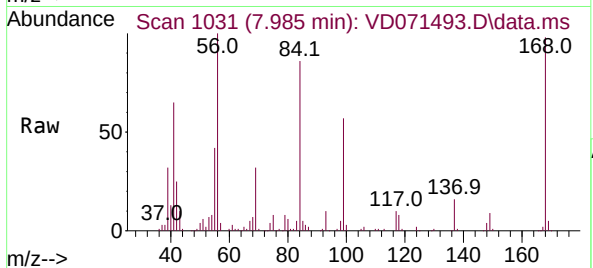
Tgt Ion: 56 Resp: 394050

Ion Ratio Lower Upper

56 100

69 31.8 25.9 38.9

84 83.9 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 51.709 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

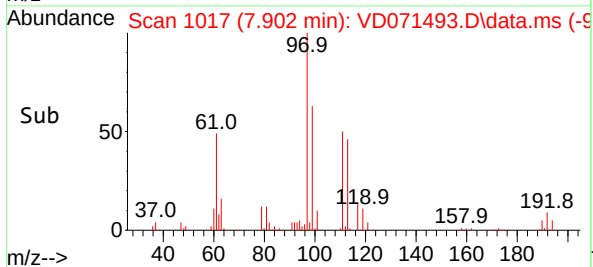
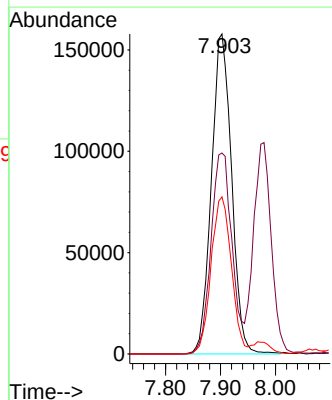
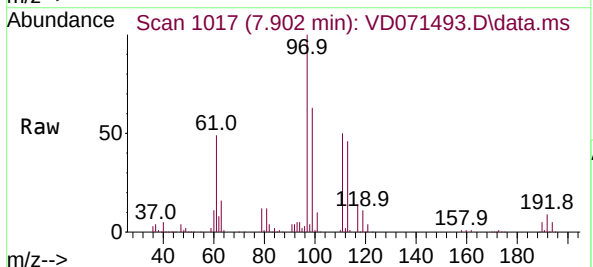
Tgt Ion: 97 Resp: 403358

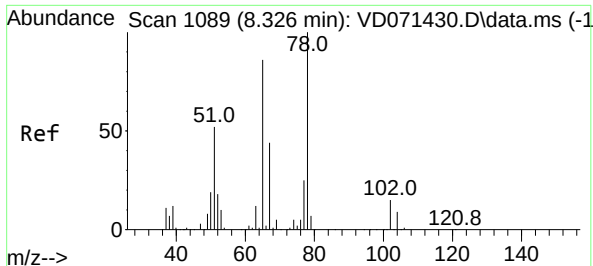
Ion Ratio Lower Upper

97 100

99 65.6 50.3 75.5

61 49.5 33.0 49.4#

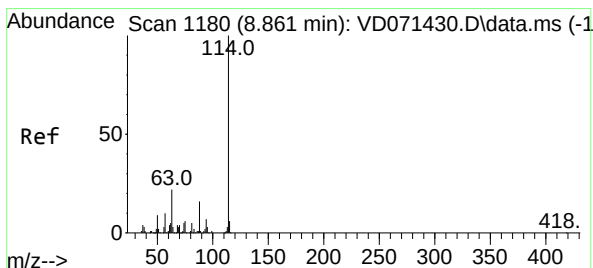
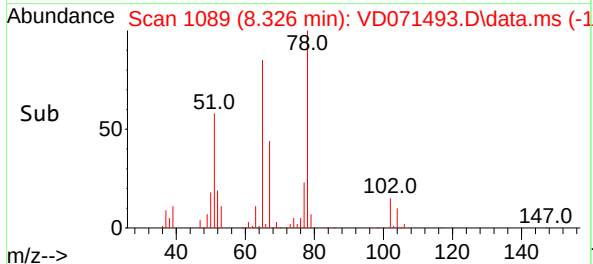
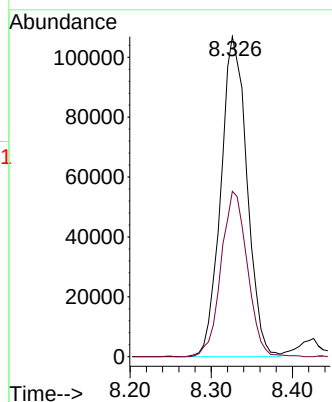
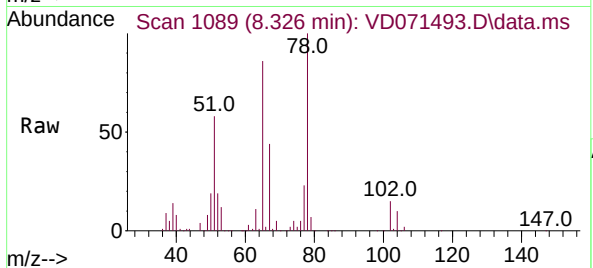




#33  
1,2-Dichloroethane-d4  
Concen: 47.604 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

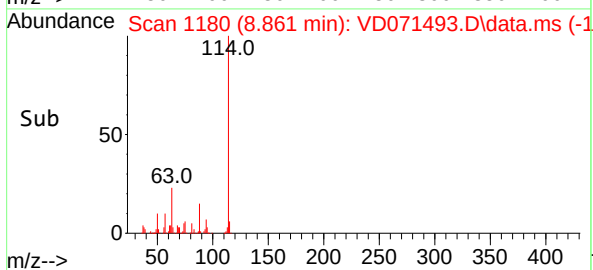
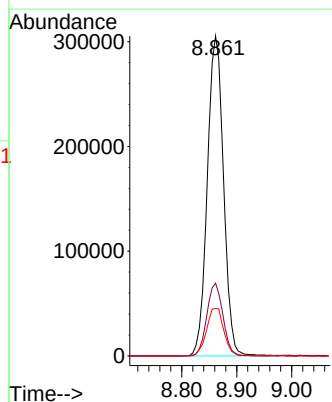
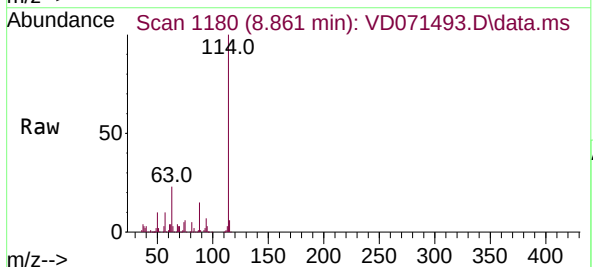
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

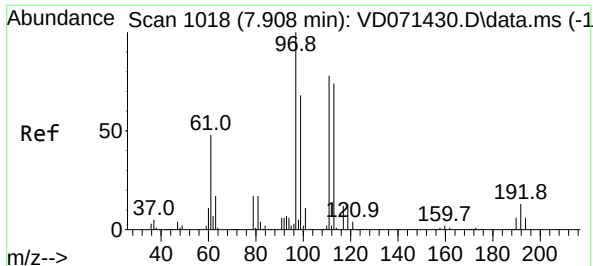
Tgt Ion: 65 Resp: 239634  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 112.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 114 Resp: 626288  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 41.8  
88 14.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.329 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

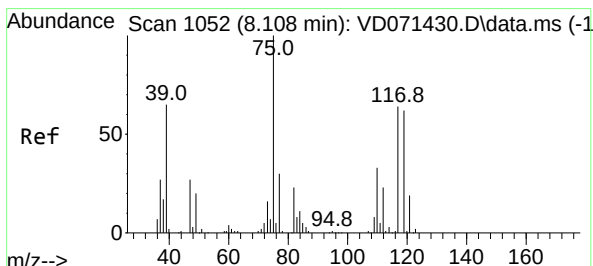
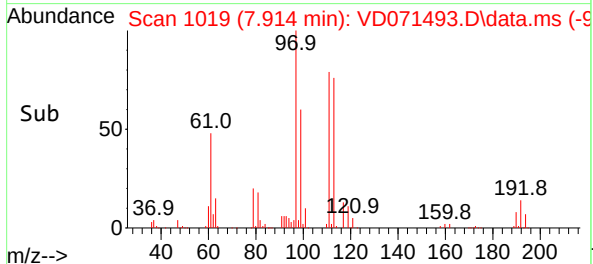
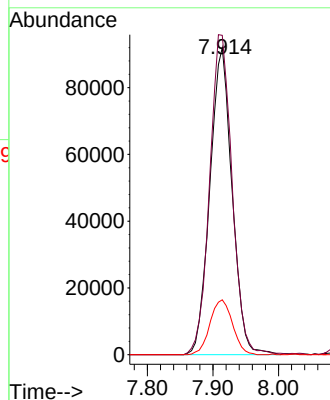
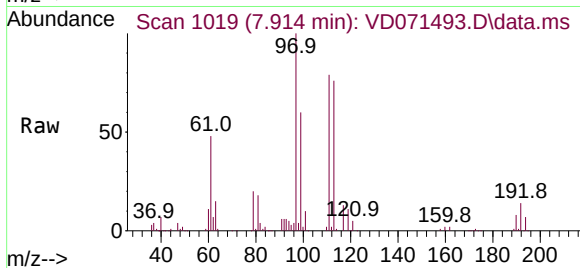
Tgt Ion:113 Resp: 216050

Ion Ratio Lower Upper

113 100

111 105.6 82.0 123.0

192 18.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 51.952 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

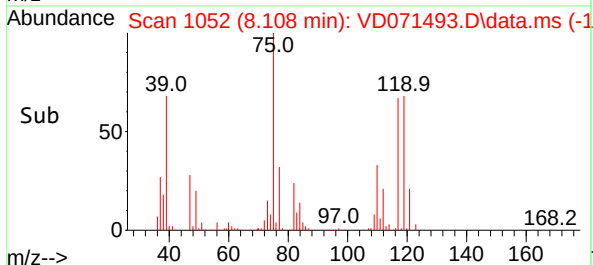
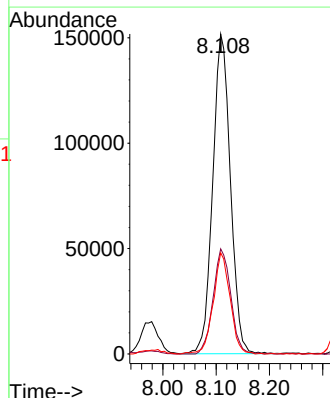
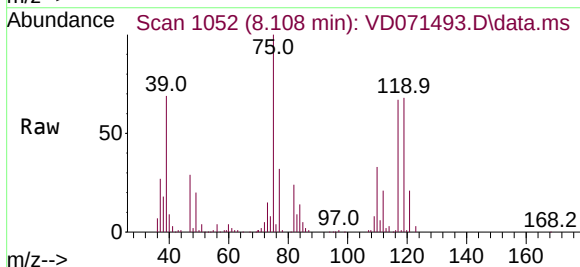
Tgt Ion: 75 Resp: 349360

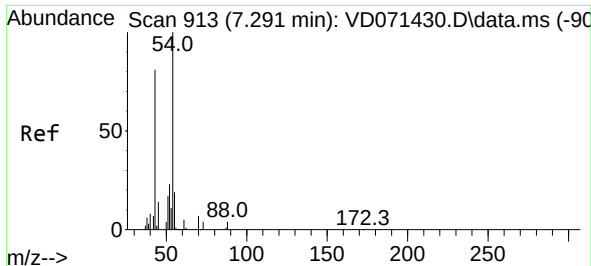
Ion Ratio Lower Upper

75 100

110 32.8 17.8 53.4

77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 48.288 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.006 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

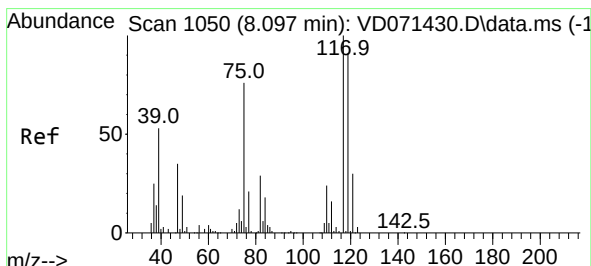
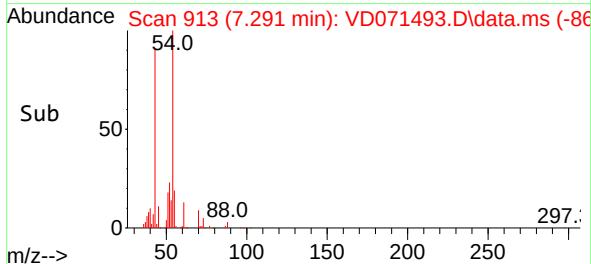
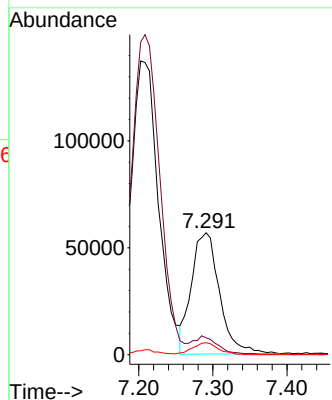
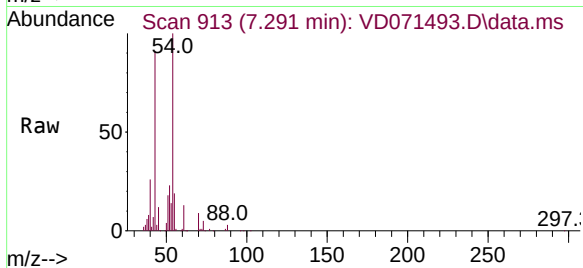
Tgt Ion: 43 Resp: 149914

Ion Ratio Lower Upper

43 100

61 12.6 13.0 19.6#

70 9.2 8.7 13.1



#38

Carbon Tetrachloride

Concen: 52.684 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

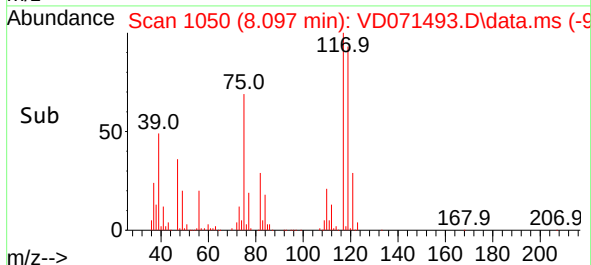
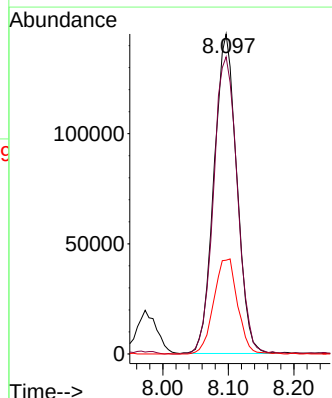
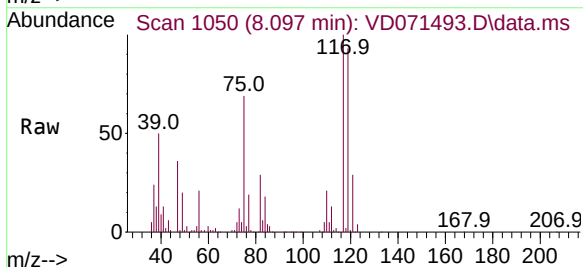
Tgt Ion: 117 Resp: 349533

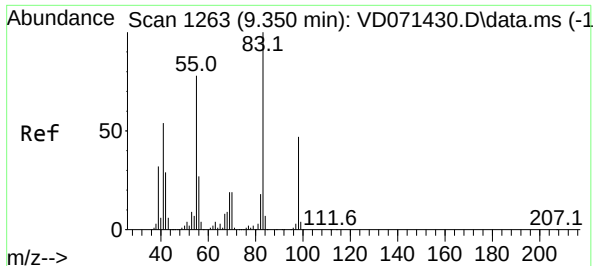
Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.6

121 29.4 23.6 35.4





#39

Methylcyclohexane

Concen: 50.395 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

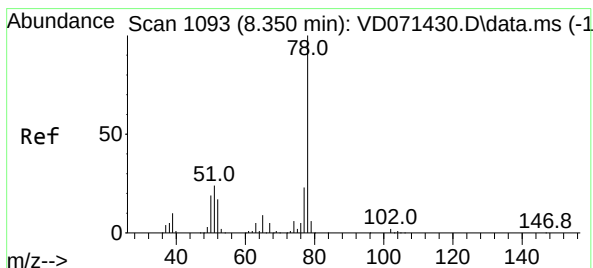
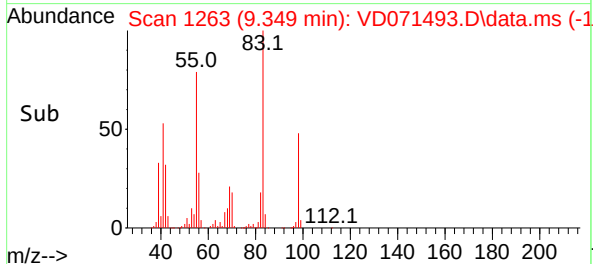
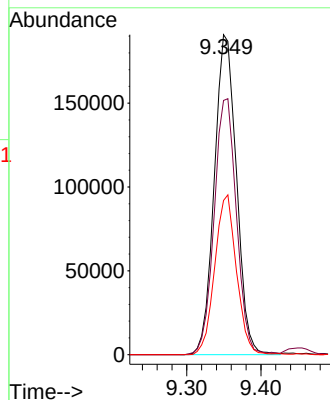
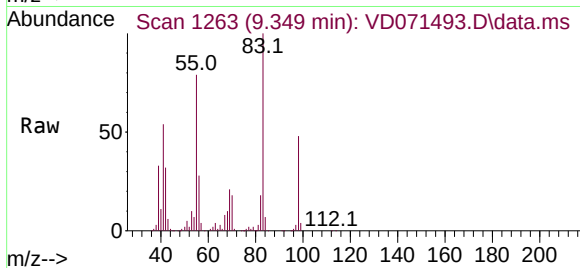
Tgt Ion: 83 Resp: 396701

Ion Ratio Lower Upper

83 100

55 79.4 65.8 98.8

98 48.2 38.7 58.1



#40

Benzene

Concen: 50.942 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071493.D

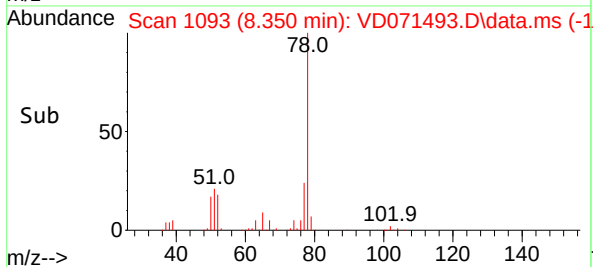
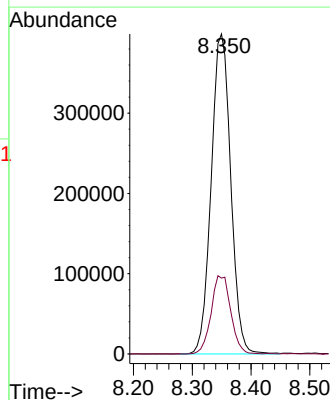
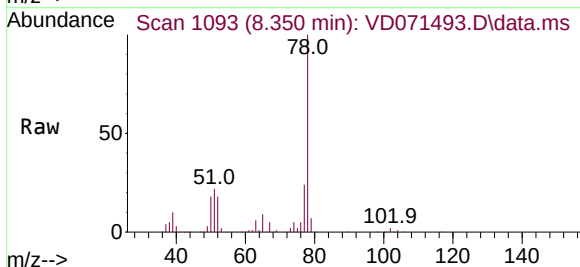
Acq: 28 Dec 2021 09:43

Tgt Ion: 78 Resp: 920930

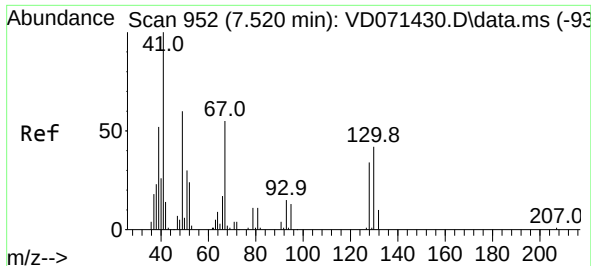
Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7



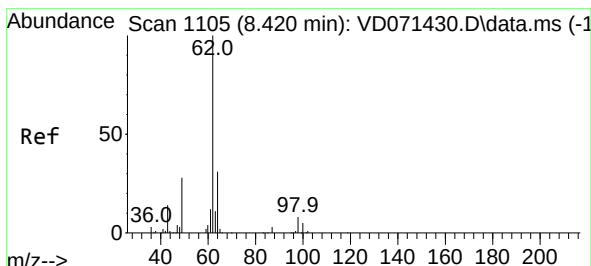
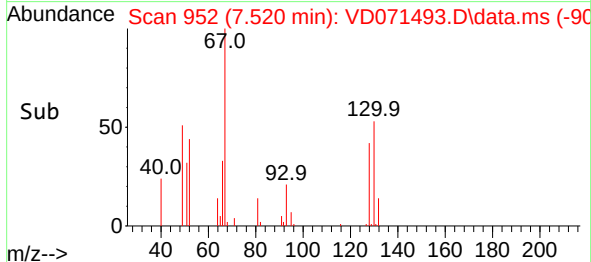
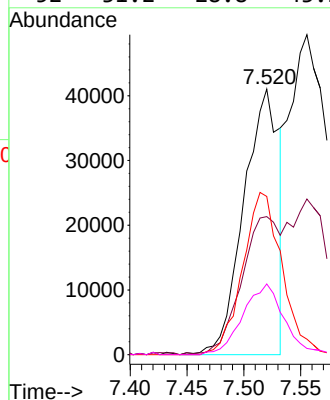
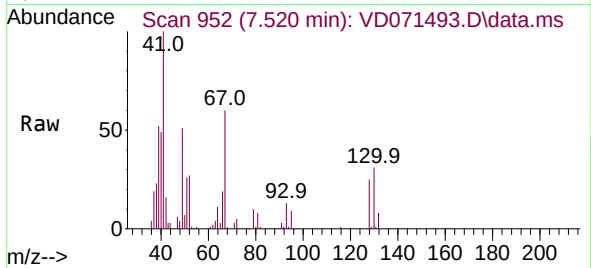




#41  
Methacrylonitrile  
Concen: 48.145 ug/l  
RT: 7.520 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

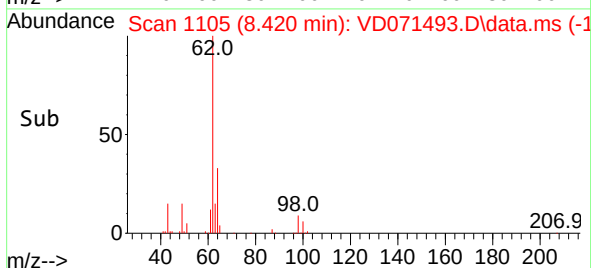
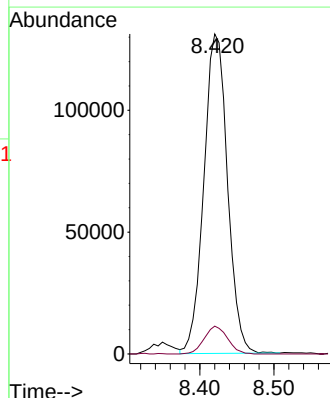
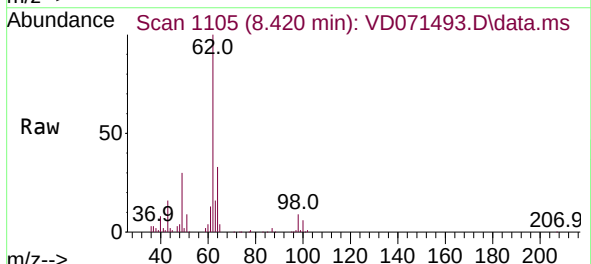
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

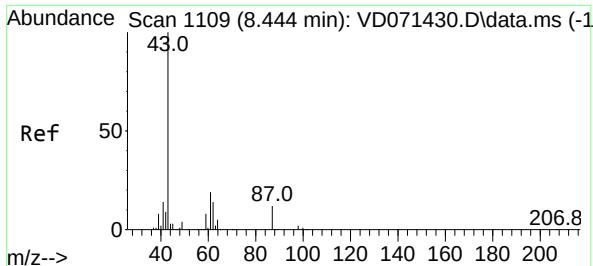
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 88781  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 56.2  | 60.2  | 90.4#  |
| 67       | 67.9  | 74.8  | 112.2# |
| 52       | 31.2  | 28.8  | 43.2   |



#42  
1,2-Dichloroethane  
Concen: 49.322 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 290748 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.6   | 0.0   | 21.8   |

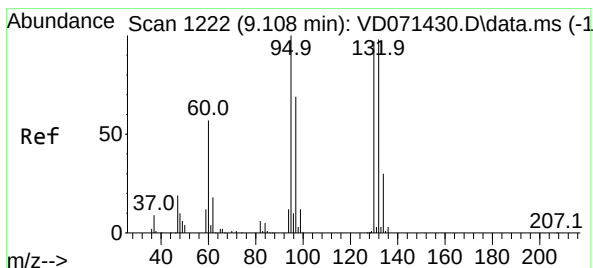
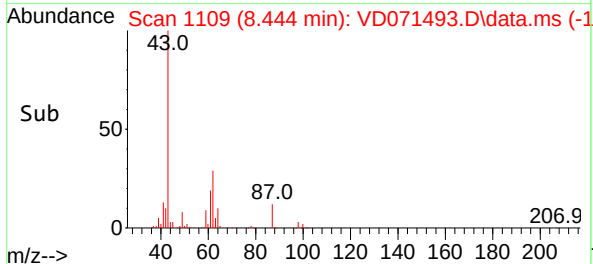
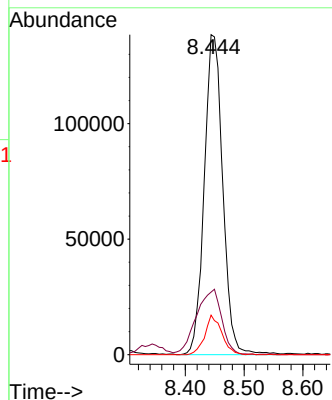
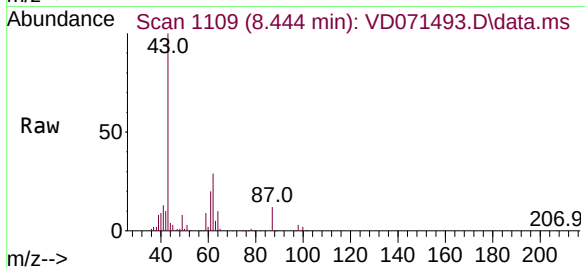




#43  
Isopropyl Acetate  
Concen: 49.216 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

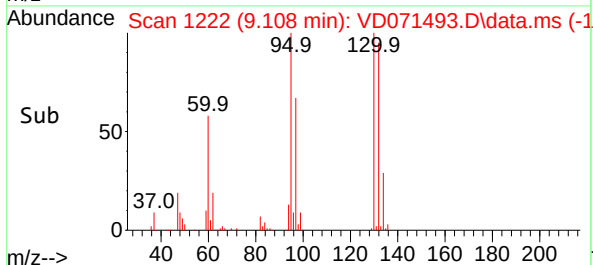
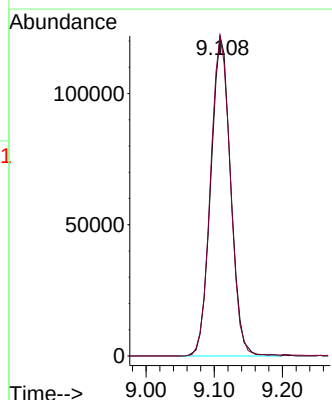
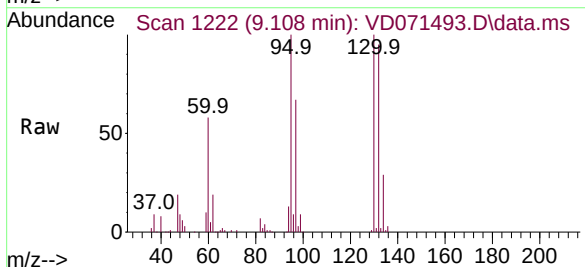
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

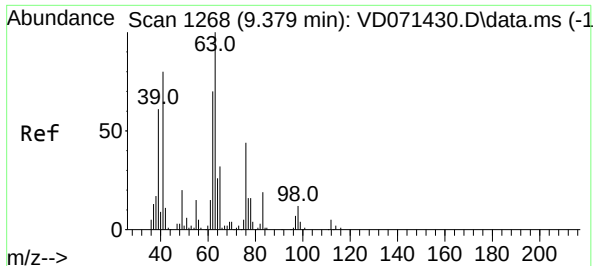
Tgt Ion: 43 Resp: 303224  
Ion Ratio Lower Upper  
43 100  
61 28.0 28.2 42.4#  
87 11.3 10.7 16.1



#44  
Trichloroethene  
Concen: 52.342 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:130 Resp: 246578  
Ion Ratio Lower Upper  
130 100  
95 100.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 53.480 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

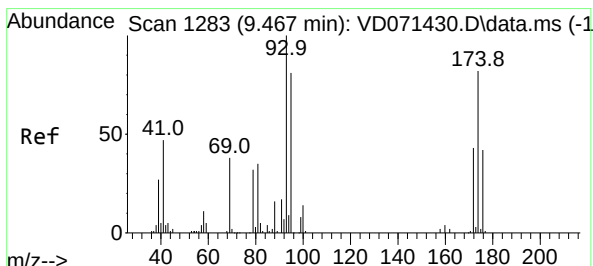
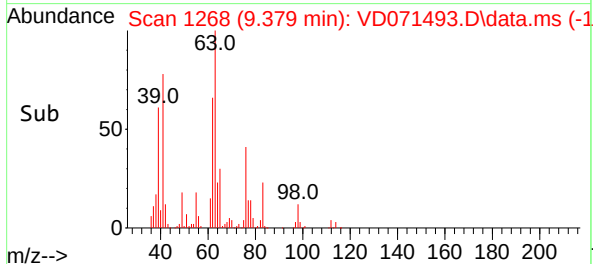
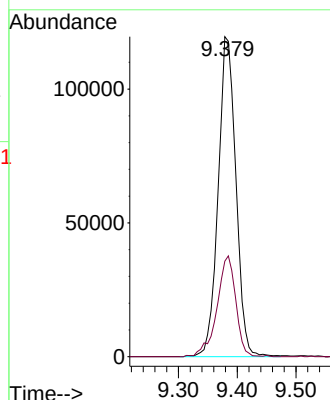
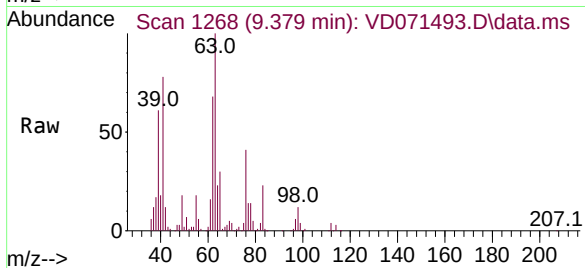
VSTDCCC050

Tgt Ion: 63 Resp: 250873

Ion Ratio Lower Upper

63 100

65 29.8 24.2 36.2



#46

Dibromomethane

Concen: 49.399 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

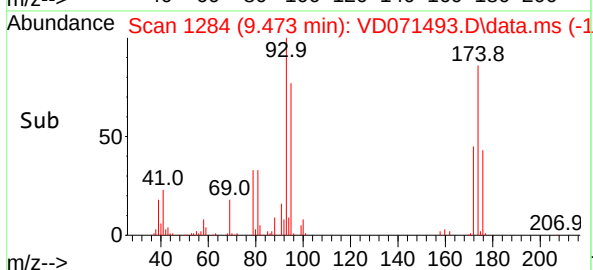
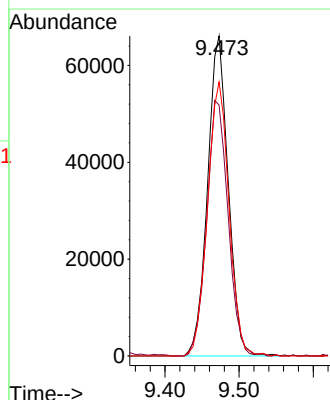
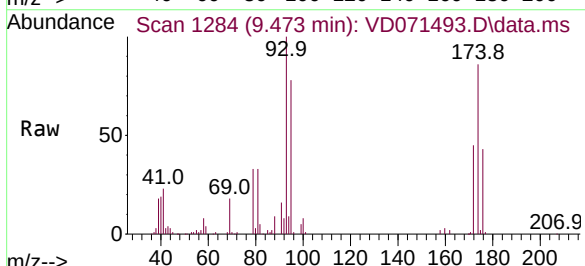
Tgt Ion: 93 Resp: 128022

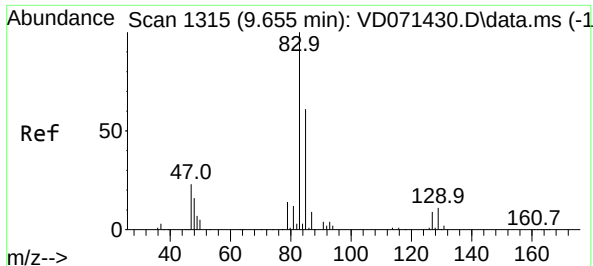
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 89.2 78.6 117.8

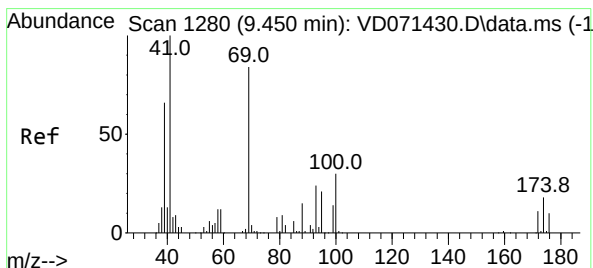
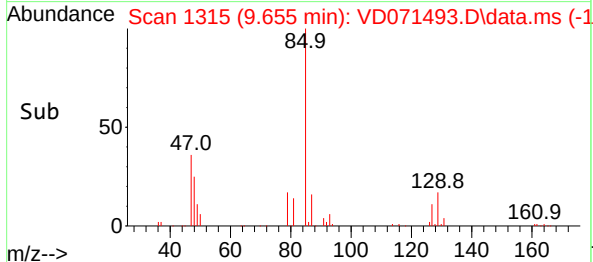
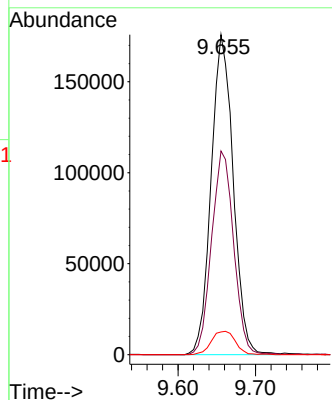
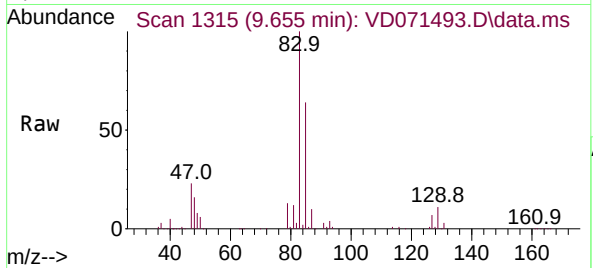




#47  
Bromodichloromethane  
Concen: 52.804 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

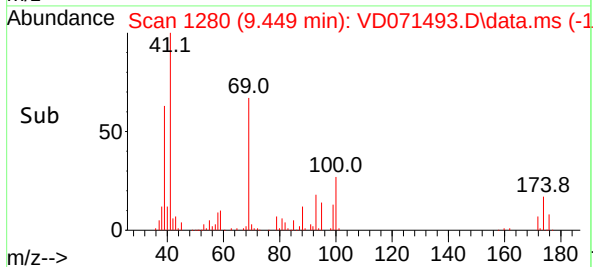
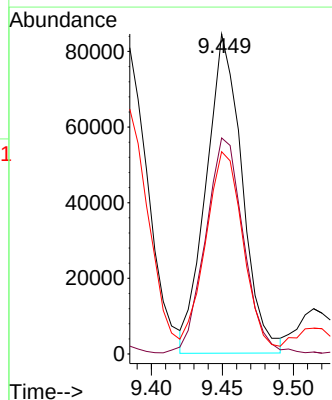
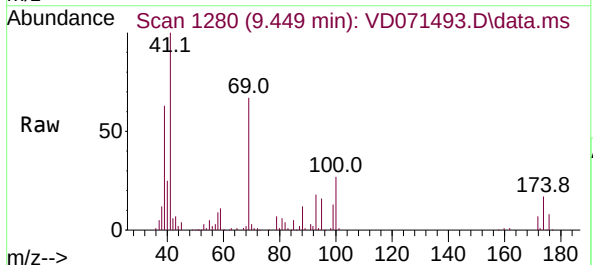
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

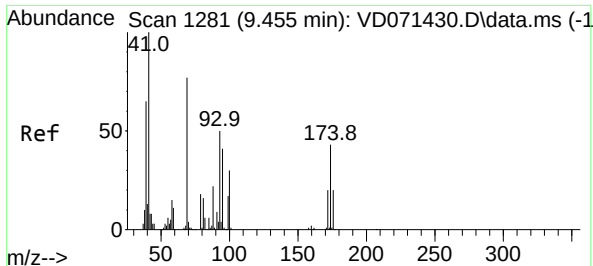
Tgt Ion: 83 Resp: 347440  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.0 75.0  
127 7.1 7.3 10.9#



#48  
Methyl methacrylate  
Concen: 48.736 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 41 Resp: 148585  
Ion Ratio Lower Upper  
41 100  
69 71.5 69.8 104.6  
39 61.8 35.6 53.4#

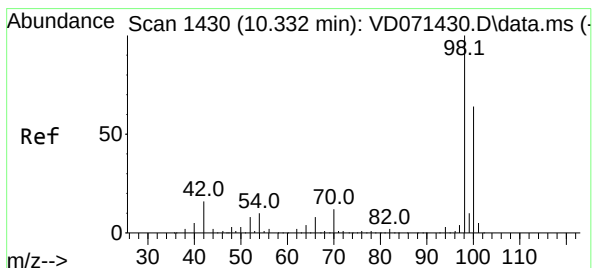
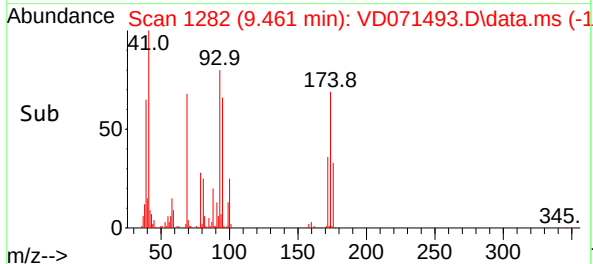
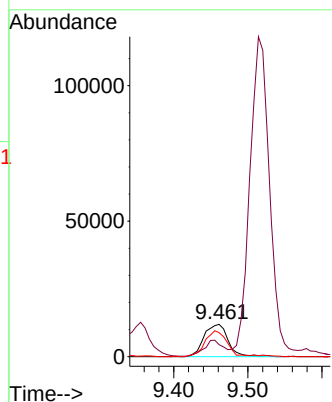
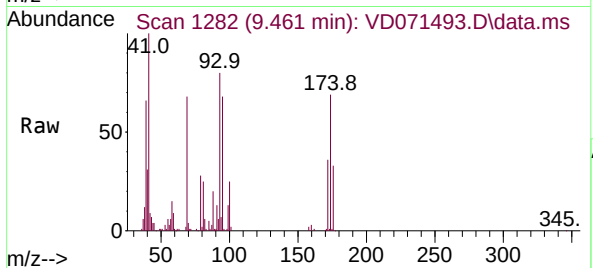




#49  
1,4-Dioxane  
Concen: 919.408 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

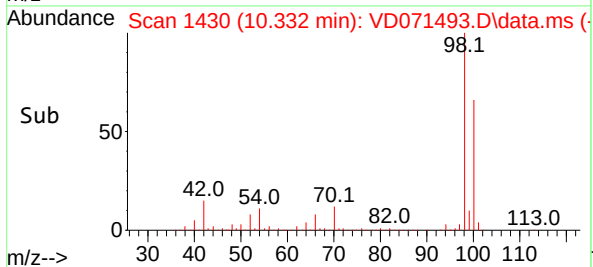
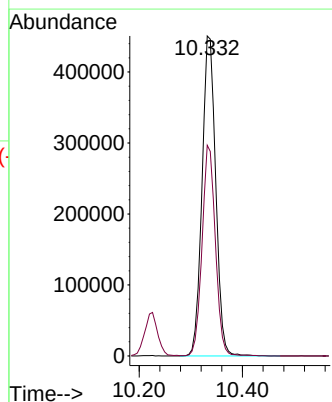
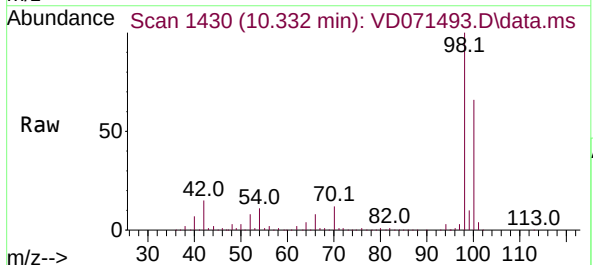
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

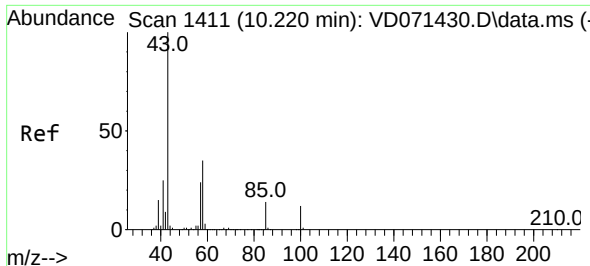
Tgt Ion: 88 Resp: 26926  
Ion Ratio Lower Upper  
88 100  
43 38.6 28.9 43.3  
58 72.8 56.3 84.5



#50  
Toluene-d8  
Concen: 51.975 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 98 Resp: 826734  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.8 77.6

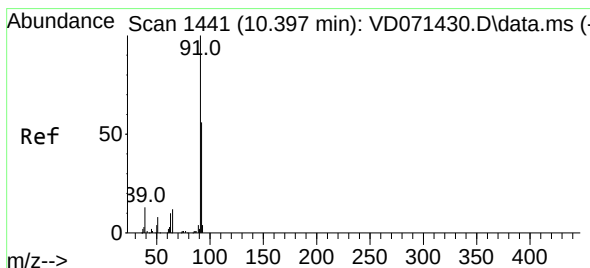
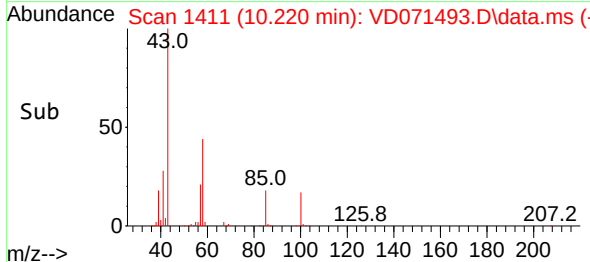
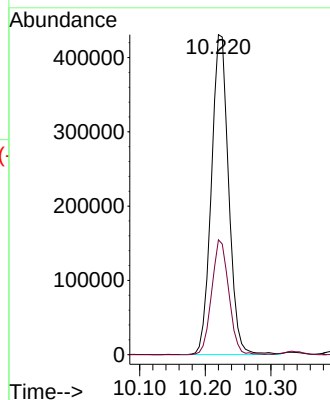
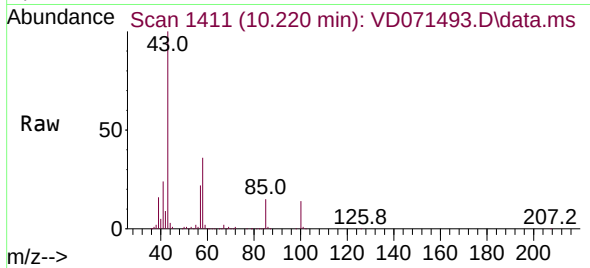




#51  
4-Methyl-2-Pentanone  
Concen: 242.470 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

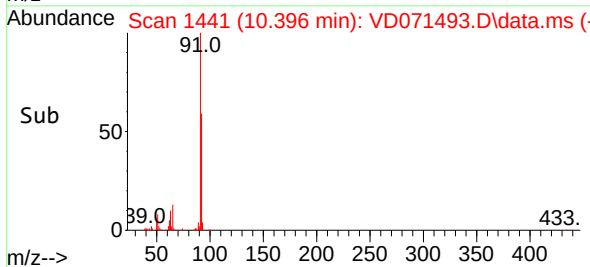
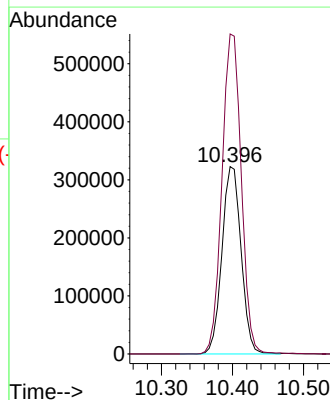
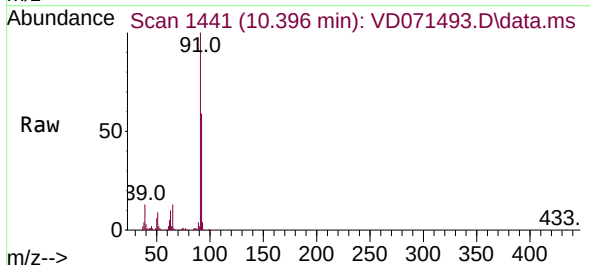
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

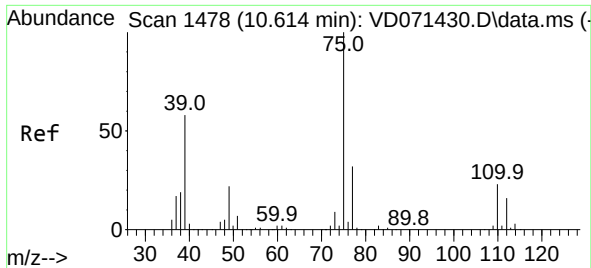
Tgt Ion: 43 Resp: 785941  
Ion Ratio Lower Upper  
43 100  
58 35.6 33.1 49.7



#52  
Toluene  
Concen: 52.432 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 92 Resp: 602111  
Ion Ratio Lower Upper  
92 100  
91 172.7 140.7 211.1

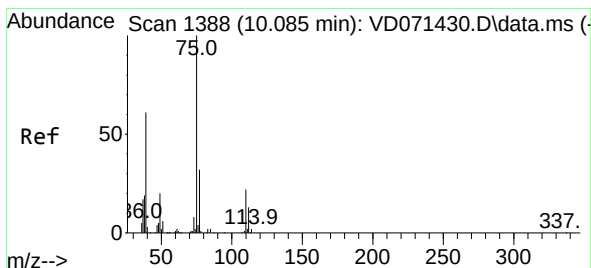
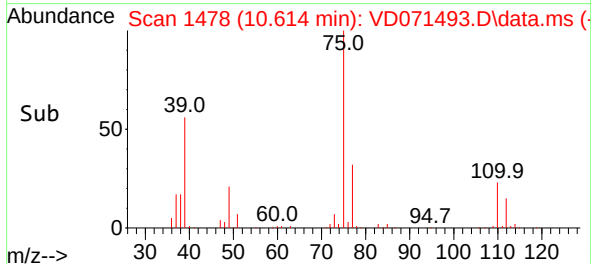
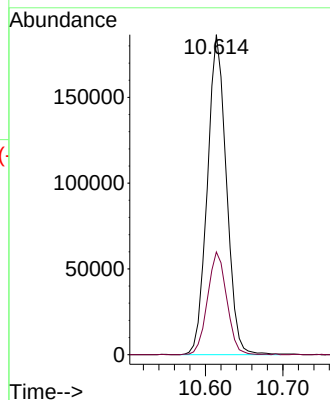
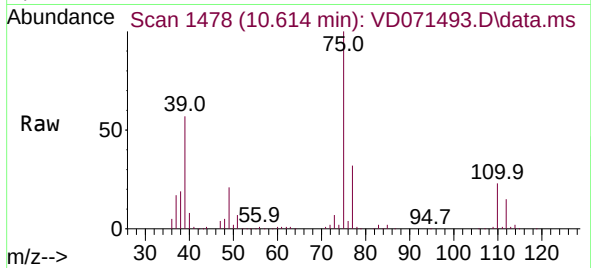




#53  
 t-1,3-Dichloropropene  
 Concen: 51.860 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

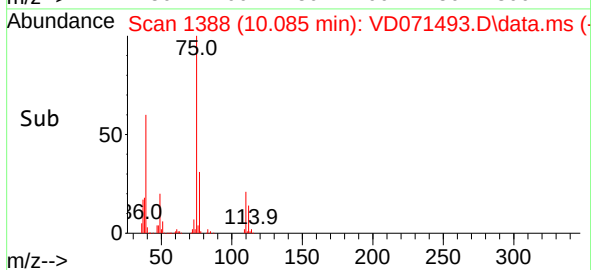
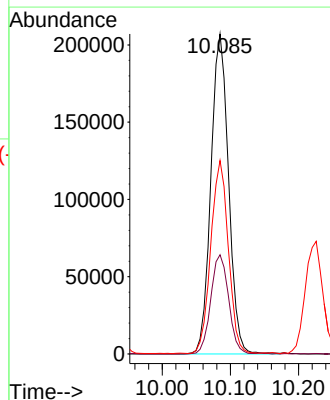
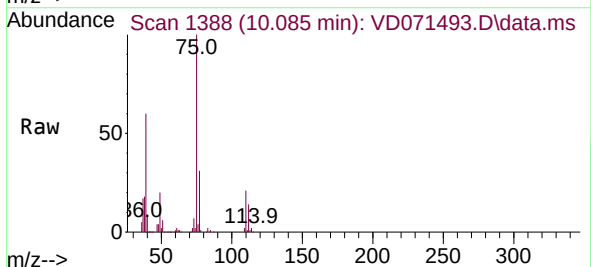
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

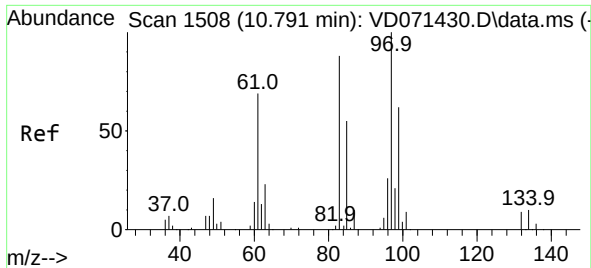
Tgt Ion: 75 Resp: 318644  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.579 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

Tgt Ion: 75 Resp: 373317  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.0 37.6  
 39 60.3 31.6 47.4#



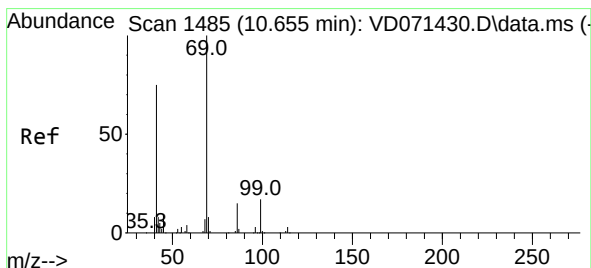
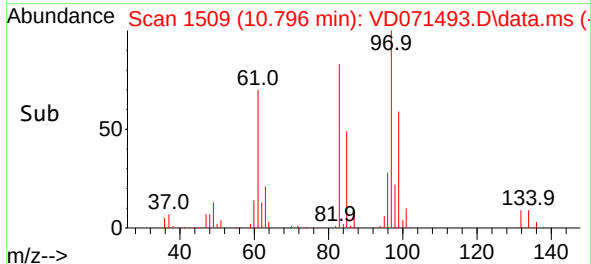
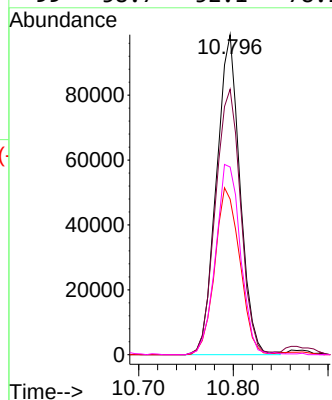
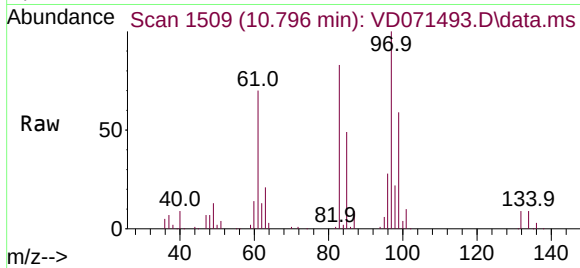


#55  
1,1,2-Trichloroethane  
Concen: 51.773 ug/l  
RT: 10.796 min Scan# 1508  
Delta R.T. 0.005 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 170313

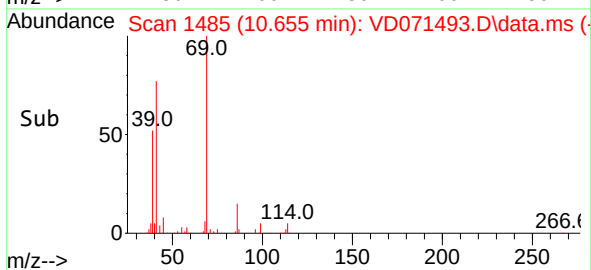
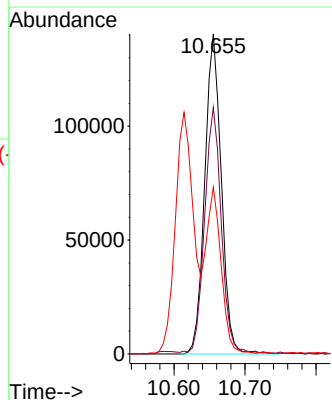
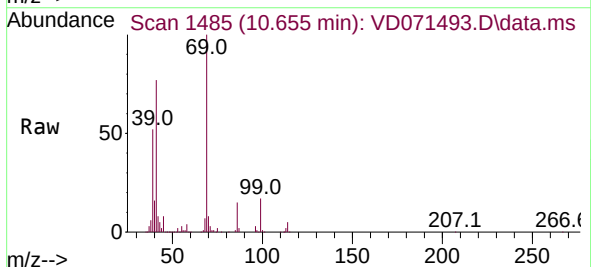
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.9  | 65.2  | 97.8  |
| 85  | 48.6  | 43.4  | 65.0  |
| 99  | 58.7  | 52.1  | 78.1  |



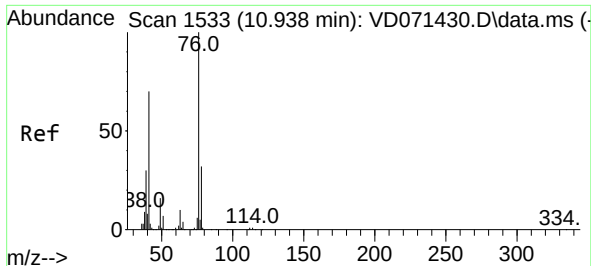
#56  
Ethyl methacrylate  
Concen: 52.676 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 69 Resp: 228028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 77.6  | 50.2  | 75.2# |
| 39  | 46.5  | 19.8  | 29.8# |







#57

1,3-Dichloropropane

Concen: 51.410 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

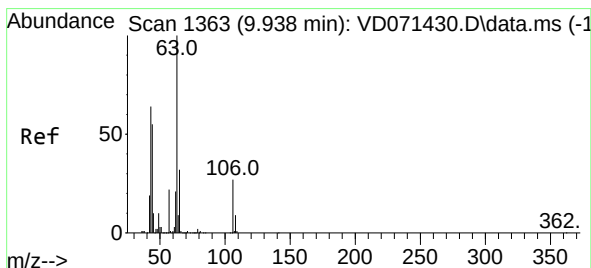
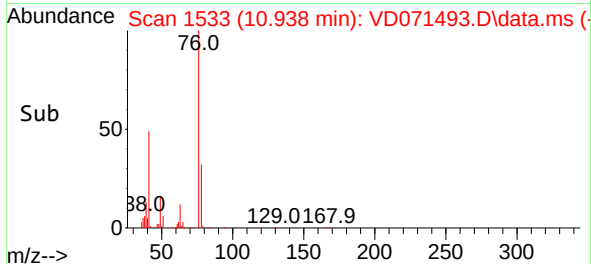
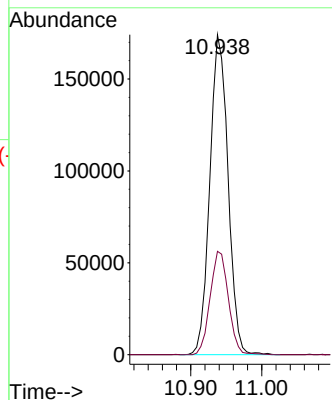
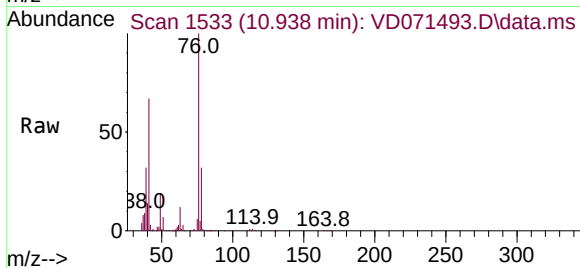
VSTDCCC050

Tgt Ion: 76 Resp: 309773

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 249.028 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071493.D

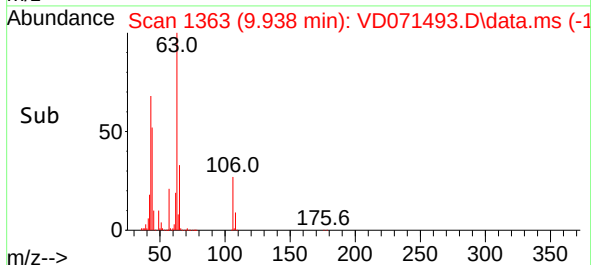
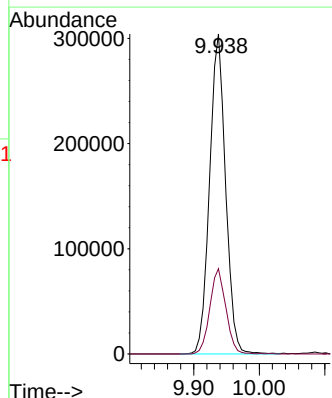
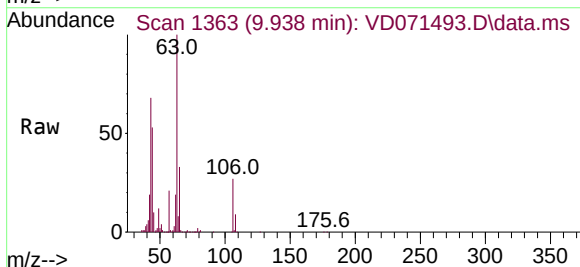
Acq: 28 Dec 2021 09:43

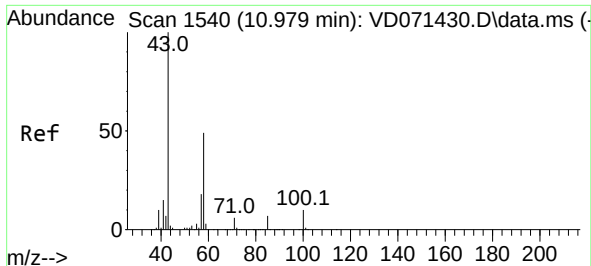
Tgt Ion: 63 Resp: 516384

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

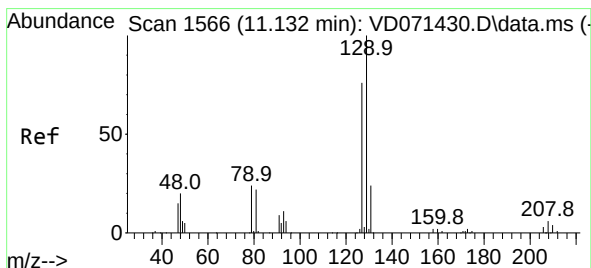
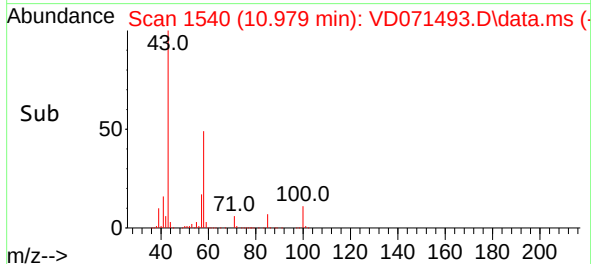
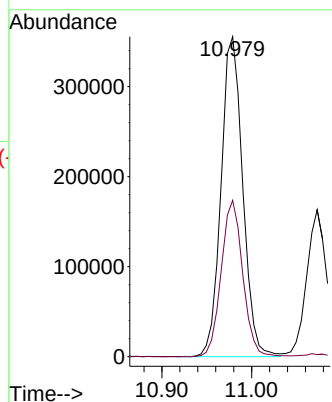
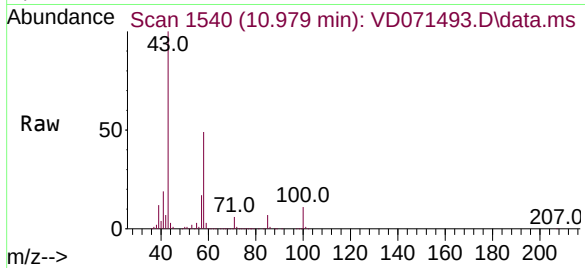




#59  
2-Hexanone  
Concen: 260.307 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

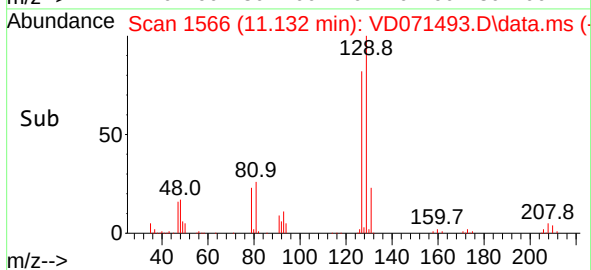
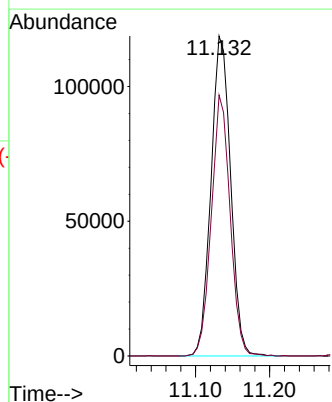
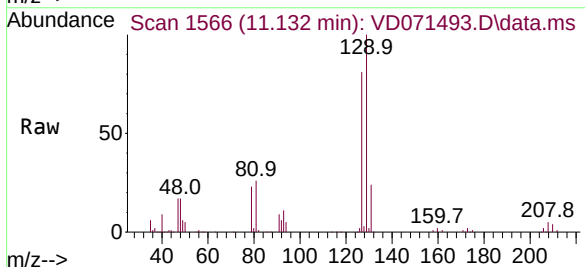
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

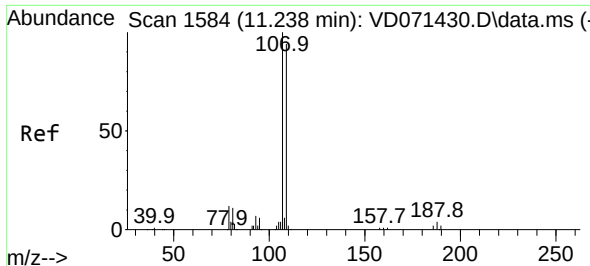
Tgt Ion: 43 Resp: 596412  
Ion Ratio Lower Upper  
43 100  
58 48.5 28.7 86.1



#60  
Dibromochloromethane  
Concen: 52.791 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 129 Resp: 218303  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.9 116.6

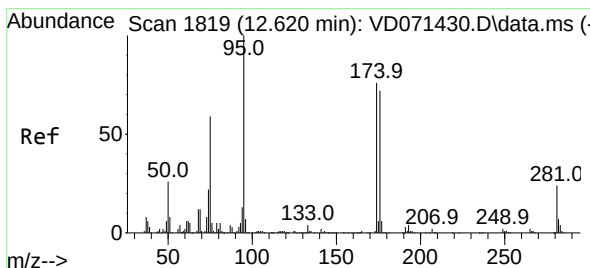
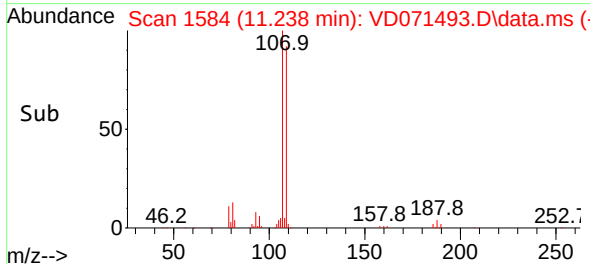
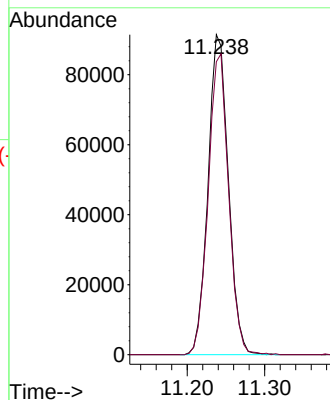
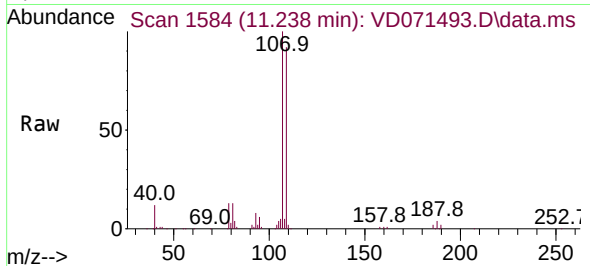




#61  
1,2-Dibromoethane  
Concen: 51.194 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

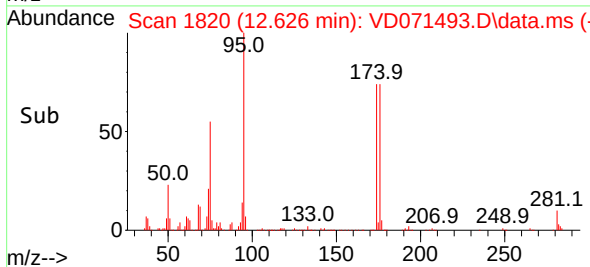
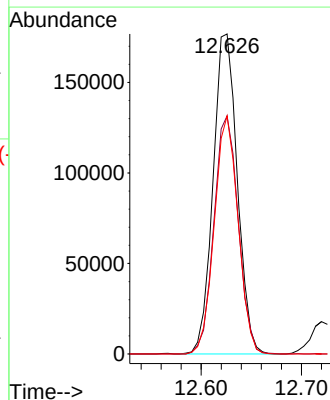
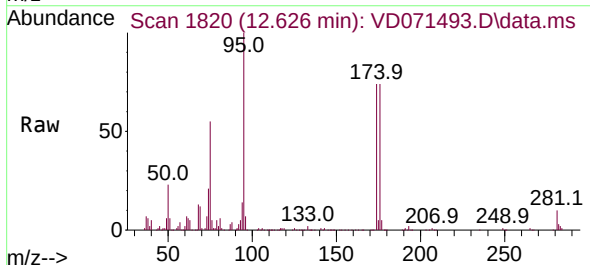
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

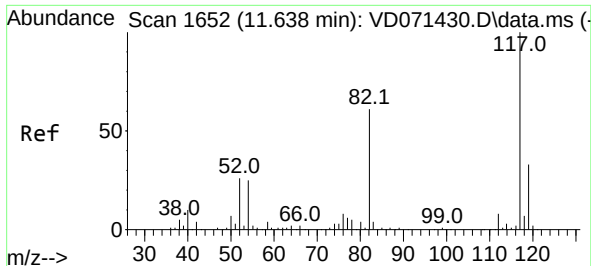
Tgt Ion:107 Resp: 166802  
Ion Ratio Lower Upper  
107 100  
109 94.3 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 52.386 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 95 Resp: 296101  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 159.4  
176 72.8 0.0 154.0

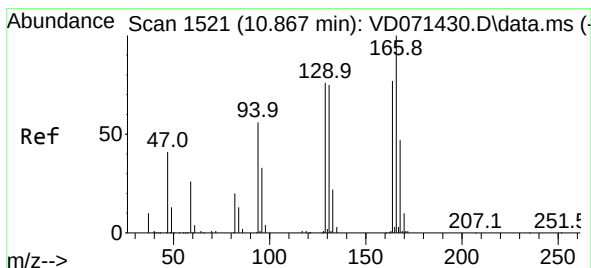
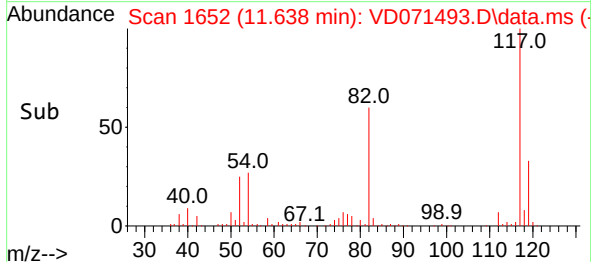
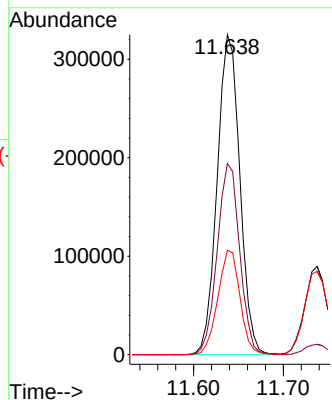
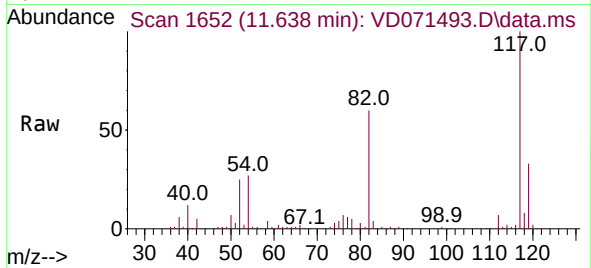




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

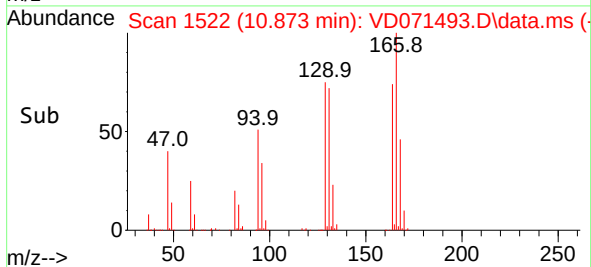
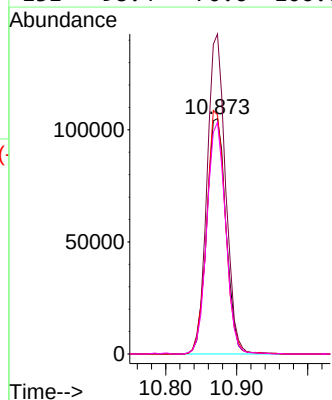
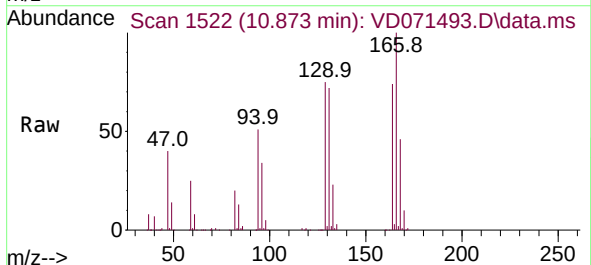
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

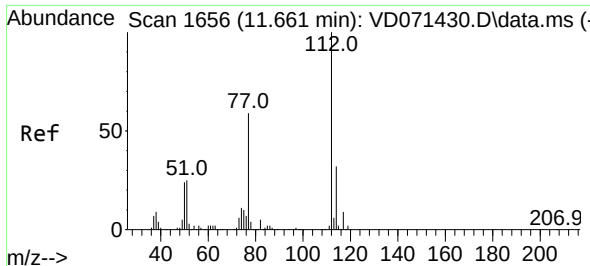
Tgt Ion:117 Resp: 570485  
Ion Ratio Lower Upper  
117 100  
82 59.7 44.7 67.1  
119 32.7 26.2 39.4



#64  
Tetrachloroethene  
Concen: 50.051 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:164 Resp: 198423  
Ion Ratio Lower Upper  
164 100  
166 135.9 102.6 153.8  
129 101.6 75.4 113.0  
131 98.4 70.6 106.0

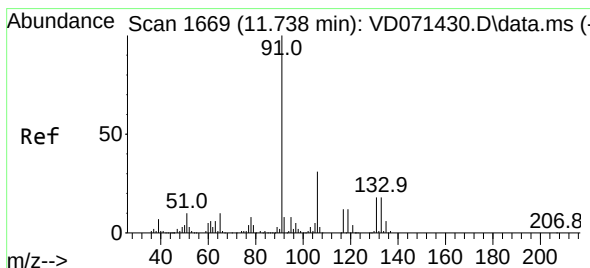
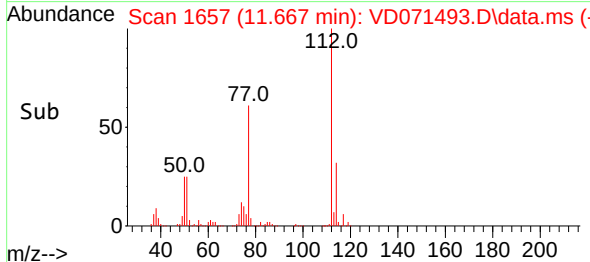
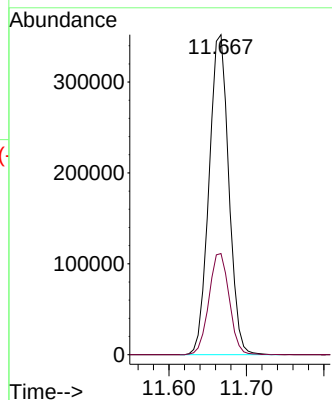
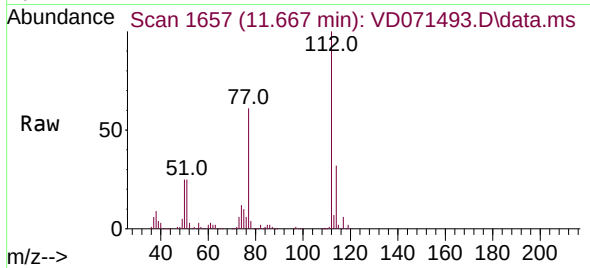




#65  
Chlorobenzene  
Concen: 53.239 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

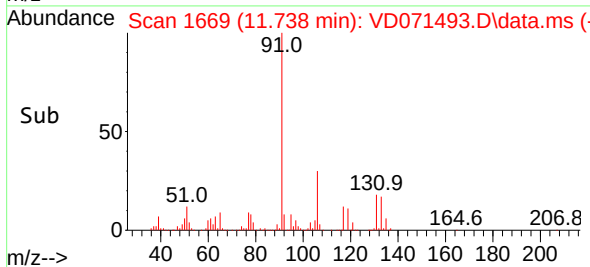
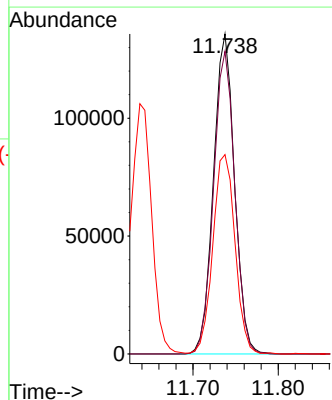
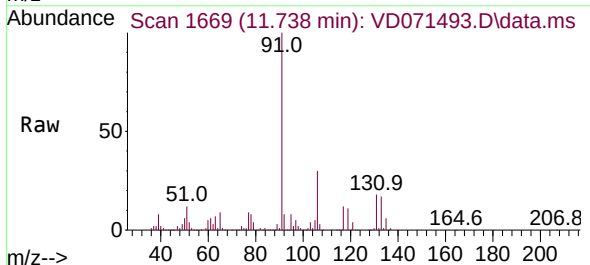
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

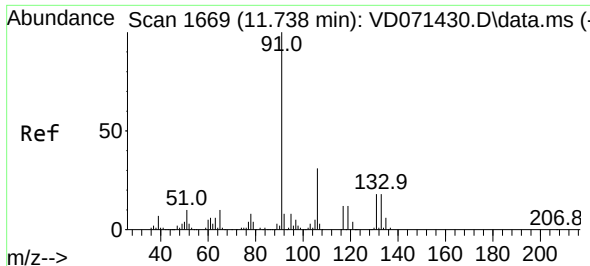
Tgt Ion:112 Resp: 622995  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.506 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:131 Resp: 233013  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.0 144.0  
119 65.8 33.5 100.4





#67

Ethyl Benzene

Concen: 55.048 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

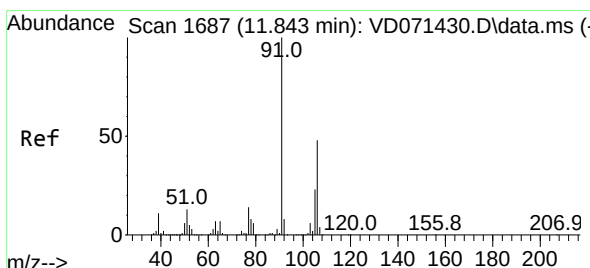
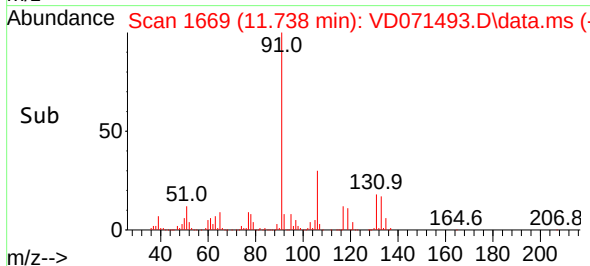
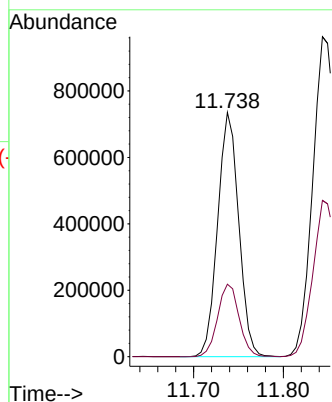
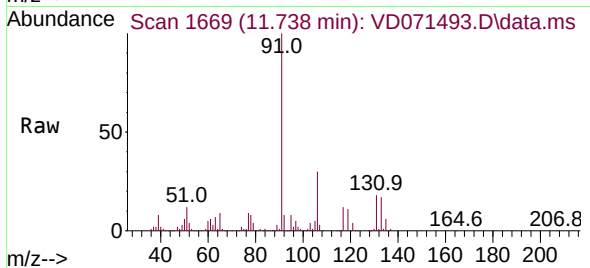
VSTDCCC050

Tgt Ion: 91 Resp: 1198836

Ion Ratio Lower Upper

91 100

106 29.7 24.6 36.8



#68

m/p-Xylenes

Concen: 108.849 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD071493.D

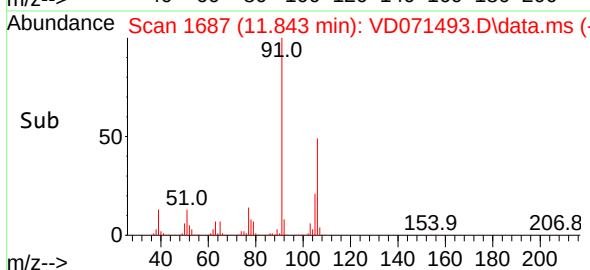
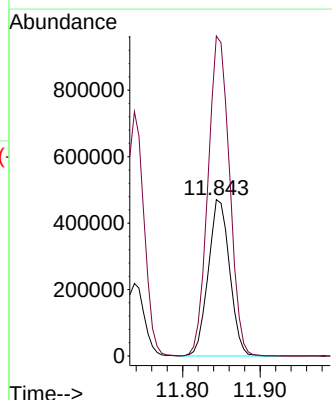
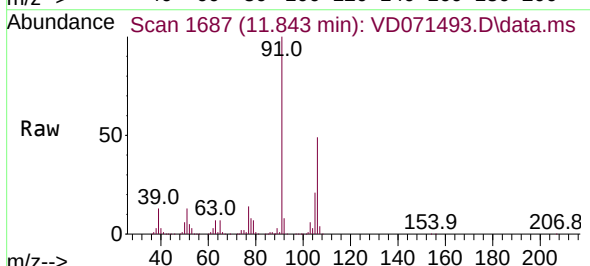
Acq: 28 Dec 2021 09:43

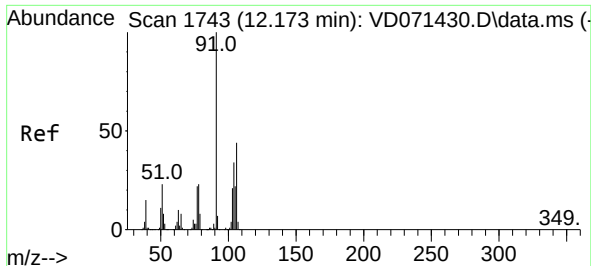
Tgt Ion:106 Resp: 900606

Ion Ratio Lower Upper

106 100

91 206.5 160.1 240.1

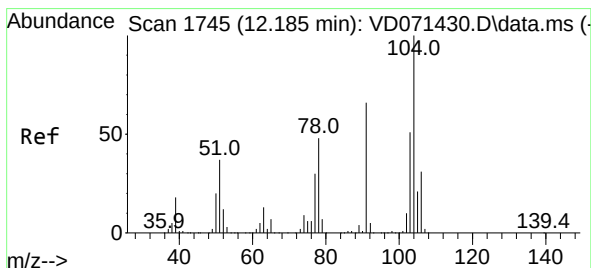
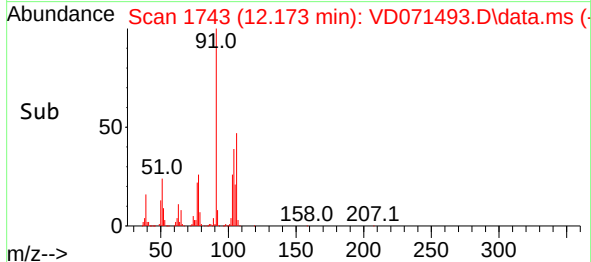
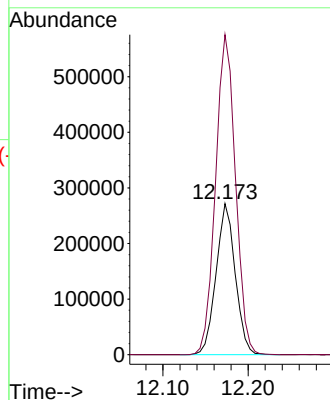
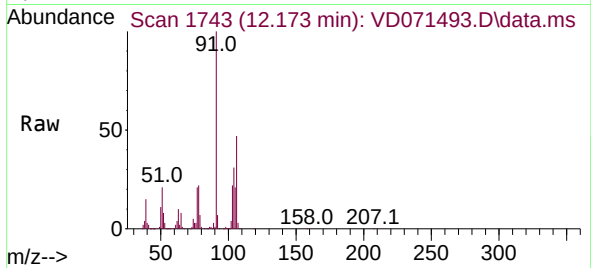




#69  
o-Xylene  
Concen: 56.085 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

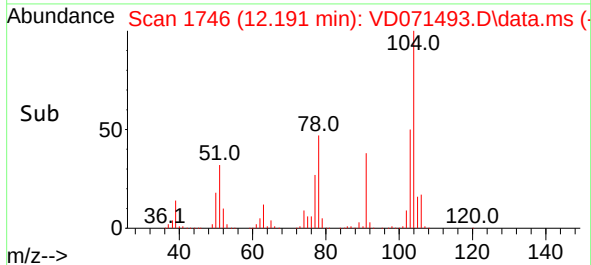
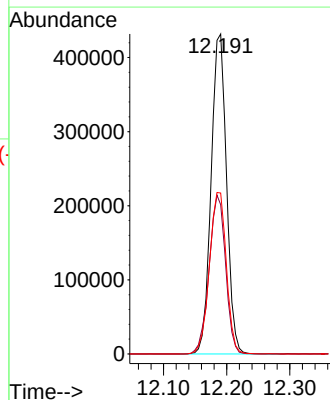
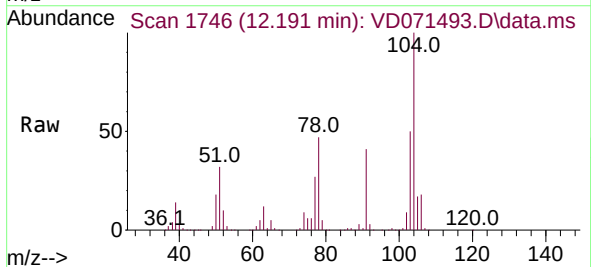
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

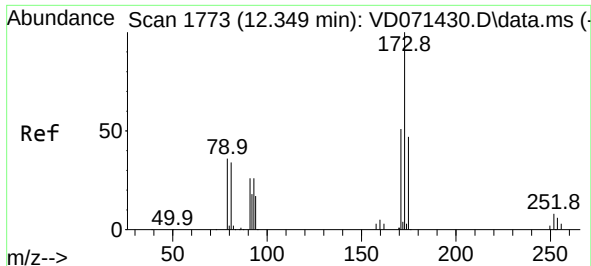
Tgt Ion:106 Resp: 424169  
Ion Ratio Lower Upper  
106 100  
91 220.5 106.3 319.0



#70  
Styrene  
Concen: 55.623 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:104 Resp: 730799  
Ion Ratio Lower Upper  
104 100  
78 52.9 39.4 59.0  
103 55.4 43.4 65.0

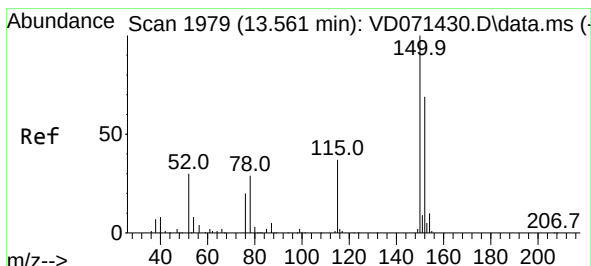
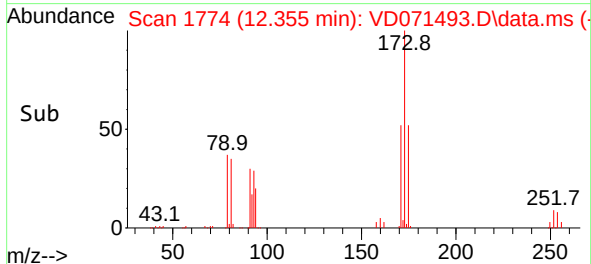
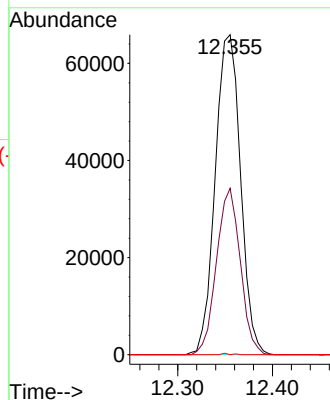
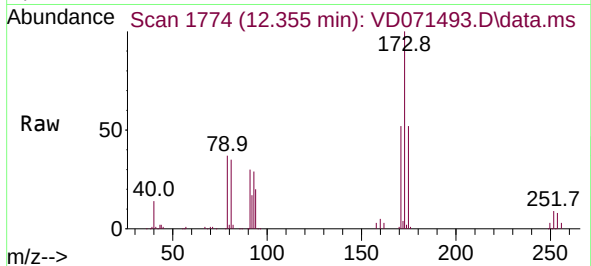




#71  
Bromoform  
Concen: 52.948 ug/l  
RT: 12.355 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

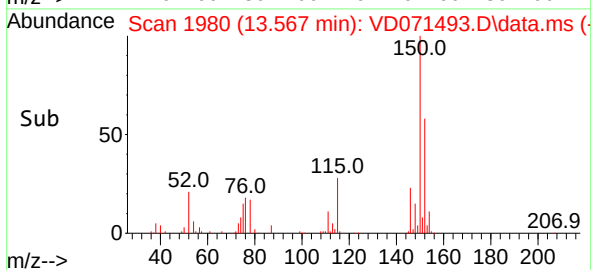
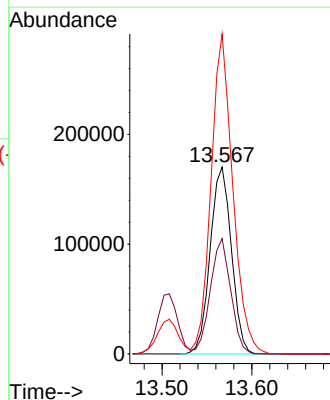
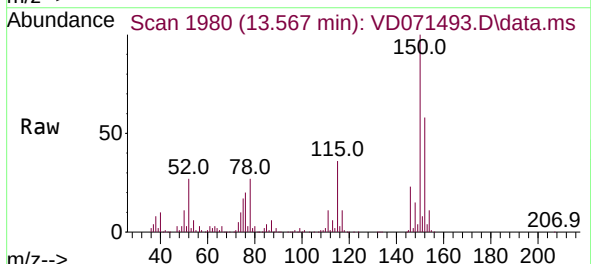
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 122485  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.2  
254 0.1 0.1 0.1#

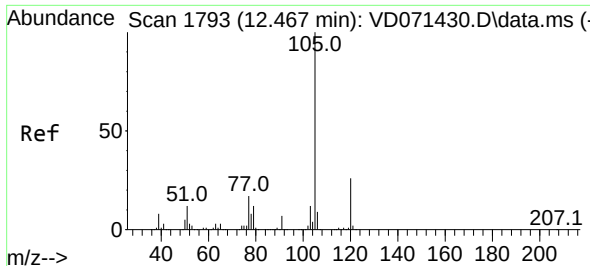


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:152 Resp: 280096  
Ion Ratio Lower Upper  
152 100  
115 59.3 29.8 89.3  
150 175.2 0.0 349.2



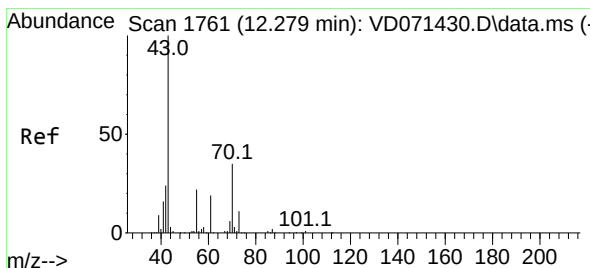
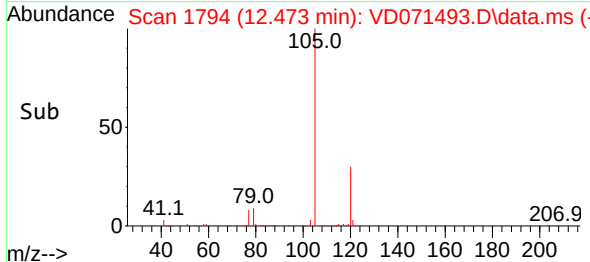
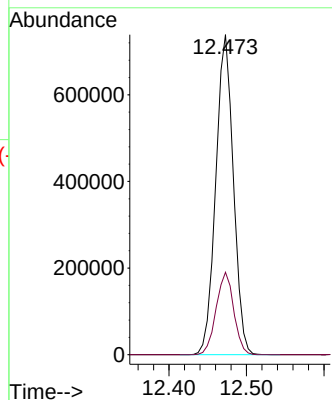
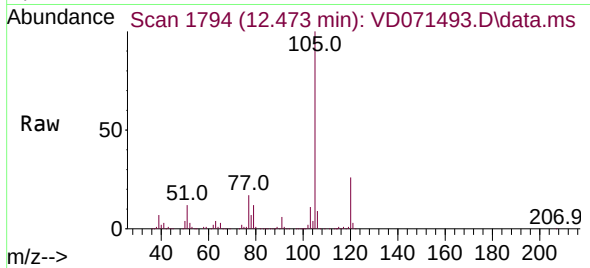




#73  
Isopropylbenzene  
Concen: 53.839 ug/l  
RT: 12.473 min Scan# 1793  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

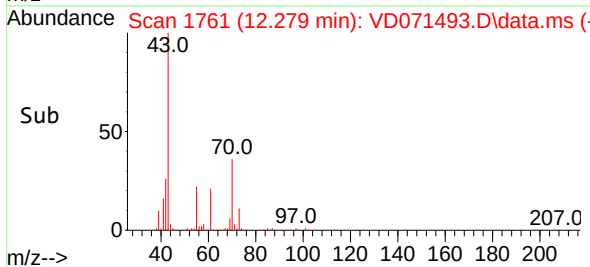
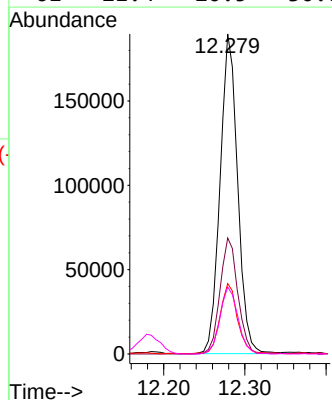
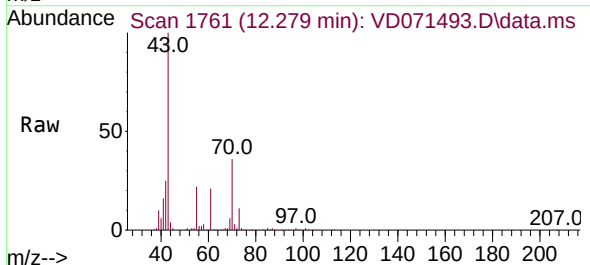
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ClientSampleId :  
VSTDCCC050

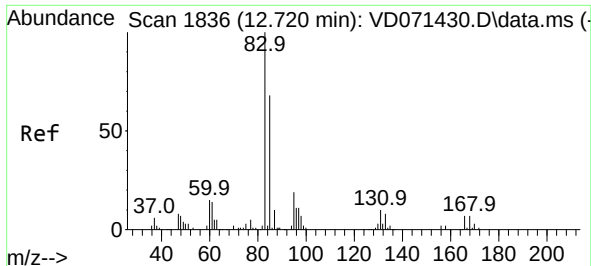
Tgt Ion:105 Resp: 1162599  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.2 39.5



#74  
N-ethyl acetate  
Concen: 49.268 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 43 Resp: 285436  
Ion Ratio Lower Upper  
43 100  
70 37.0 36.6 55.0  
55 21.8 22.5 33.7#  
61 21.4 20.5 30.7

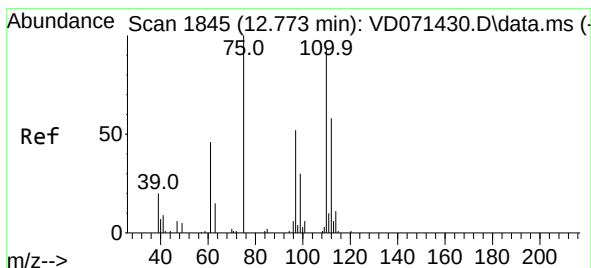
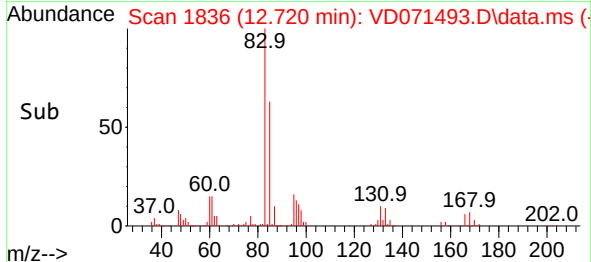
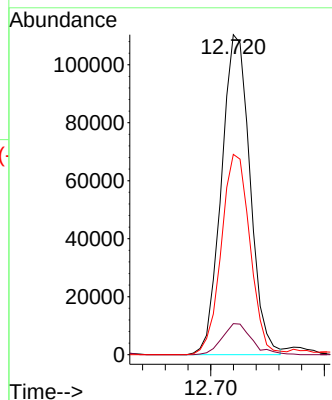
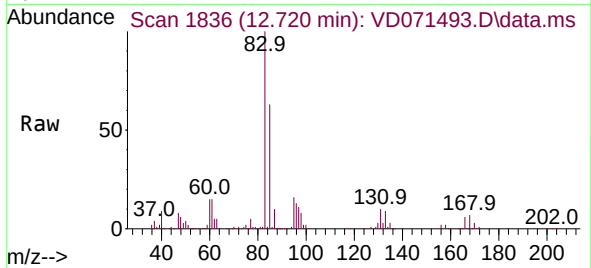




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.364 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

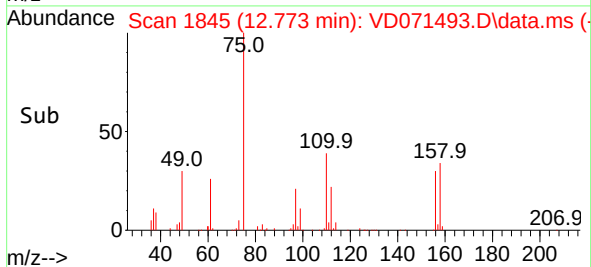
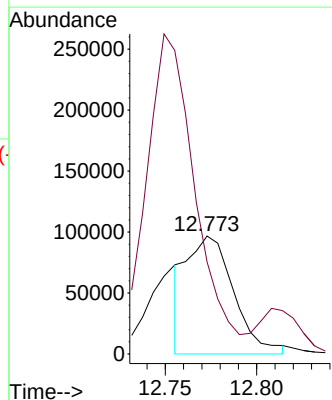
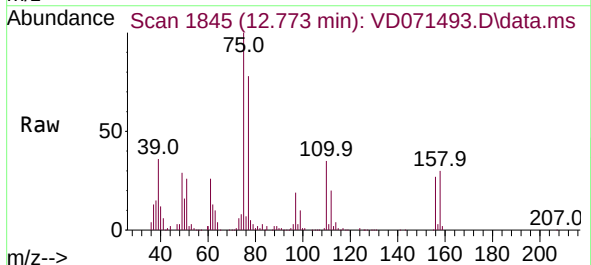
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ClientSampleId :  
VSTDCCC050

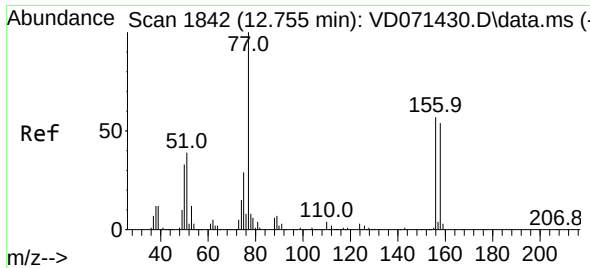
Tgt Ion: 83 Resp: 192721  
Ion Ratio Lower Upper  
83 100  
131 10.0 4.9 14.7  
85 63.1 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 52.007 ug/l m  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 75 Resp: 173082  
Ion Ratio Lower Upper  
75 100  
77 0.0 158.4 475.3#

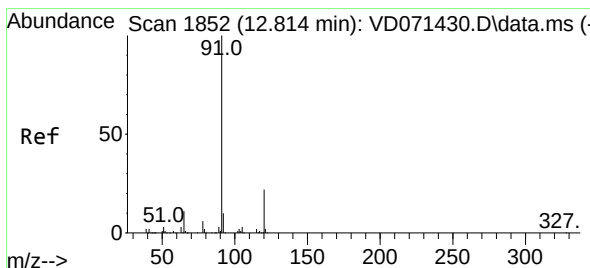
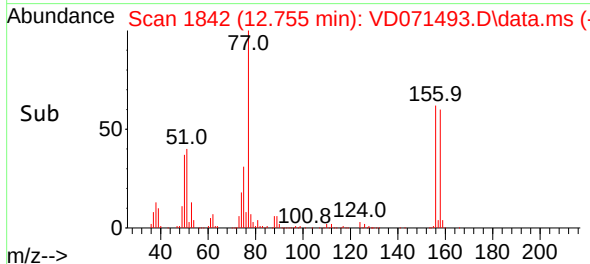
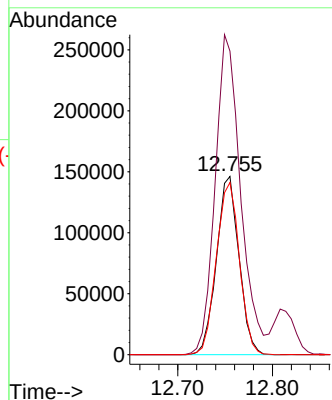
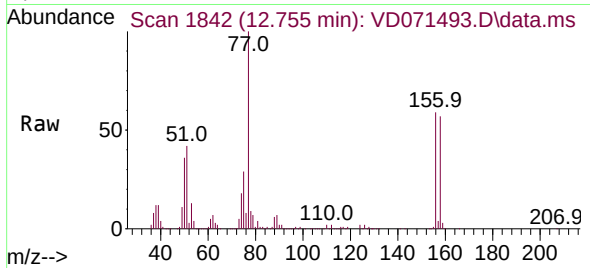




#77  
Bromobenzene  
Concen: 50.390 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

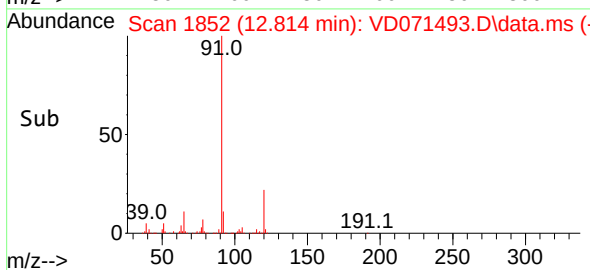
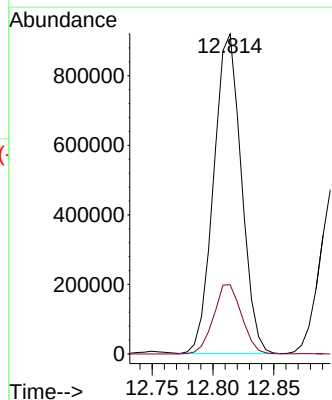
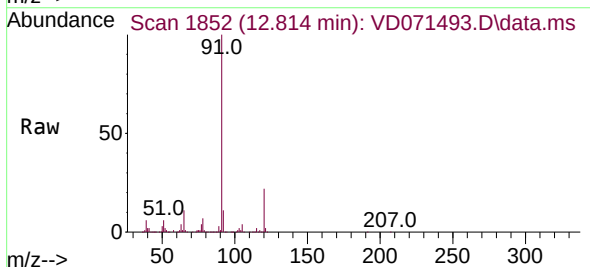
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

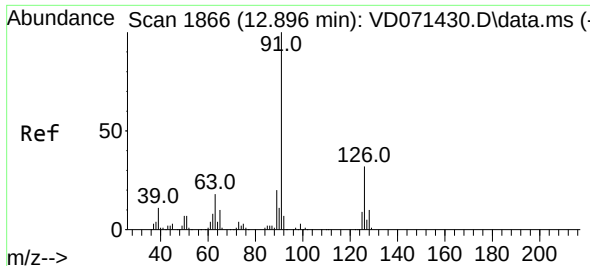
Tgt Ion:156 Resp: 242130  
Ion Ratio Lower Upper  
156 100  
77 201.7 96.6 289.8  
158 99.0 49.1 147.4



#78  
n-propylbenzene  
Concen: 53.713 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 91 Resp: 1453862  
Ion Ratio Lower Upper  
91 100  
120 22.1 10.9 32.9

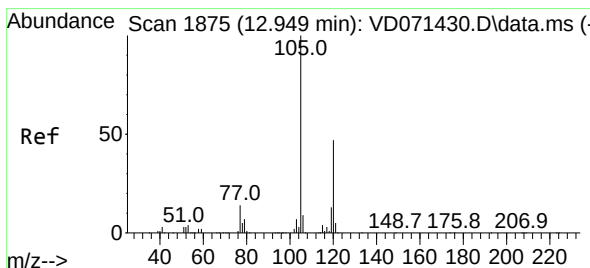
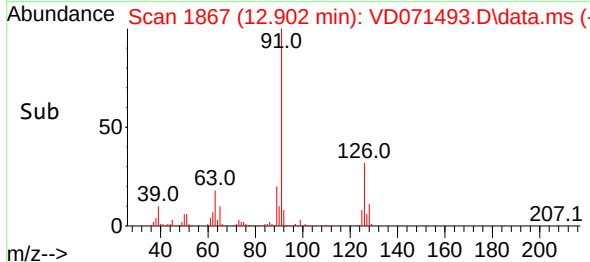
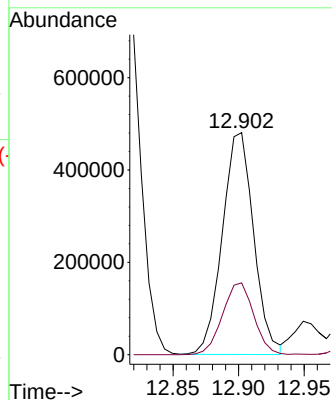
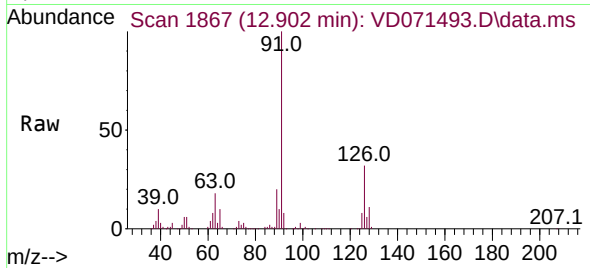




#79  
2-Chlorotoluene  
Concen: 52.861 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

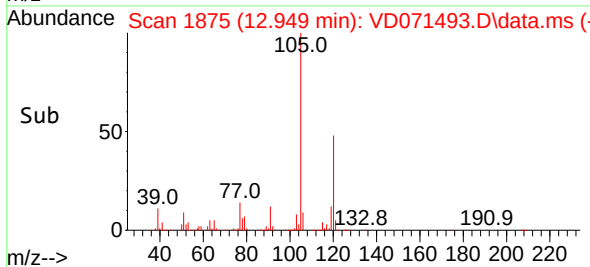
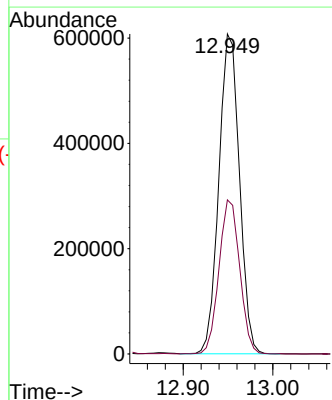
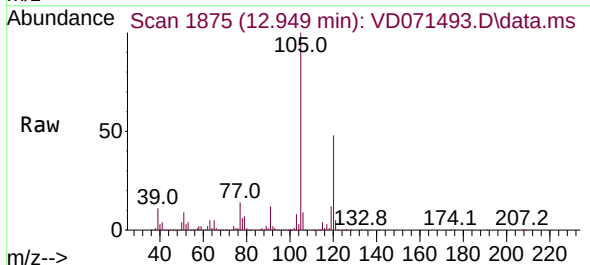
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

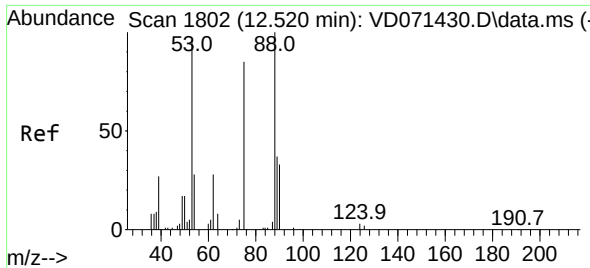
Tgt Ion: 91 Resp: 799606  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 54.353 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 105 Resp: 968101  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.6 73.8

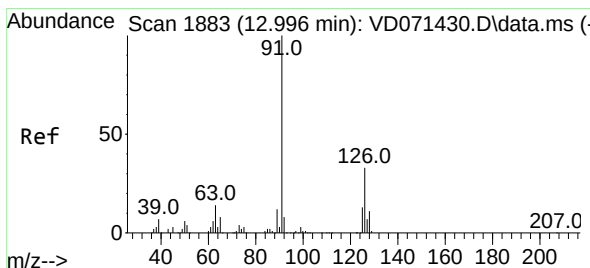
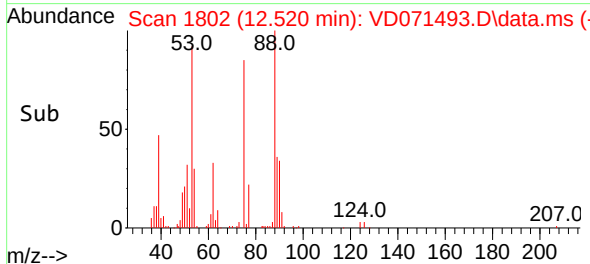
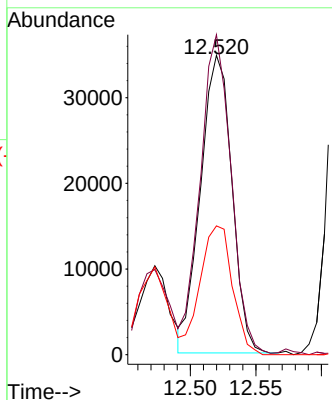
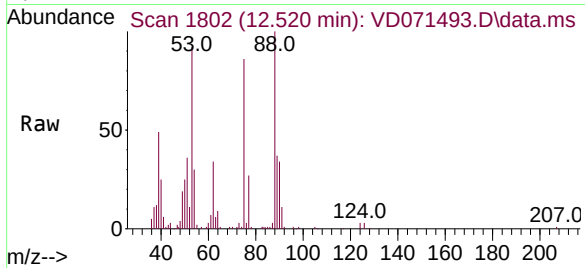




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.114 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

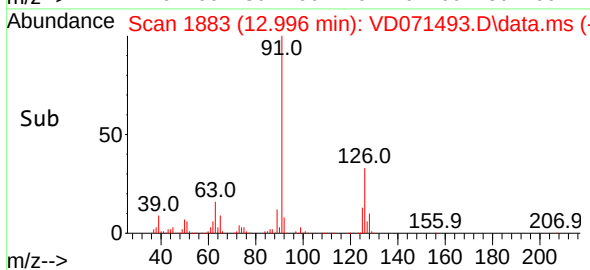
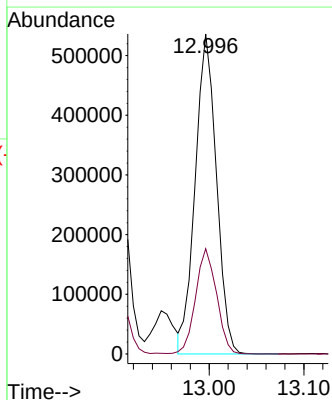
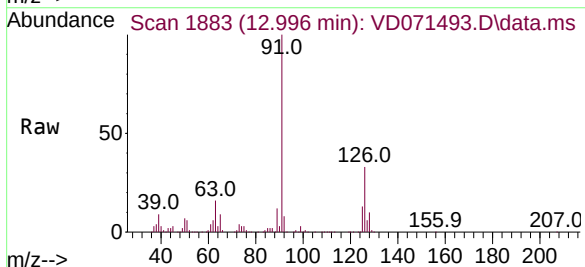
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

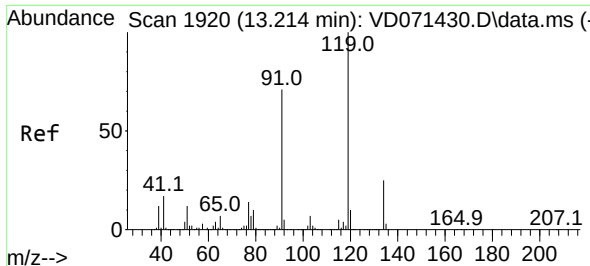
Tgt Ion: 75 Resp: 57849  
Ion Ratio Lower Upper  
75 100  
53 105.5 62.6 94.0#  
89 45.0 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 53.148 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 91 Resp: 833914  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.1

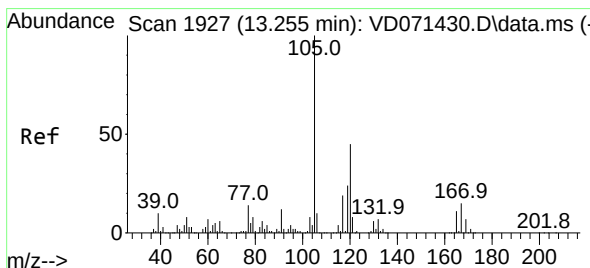
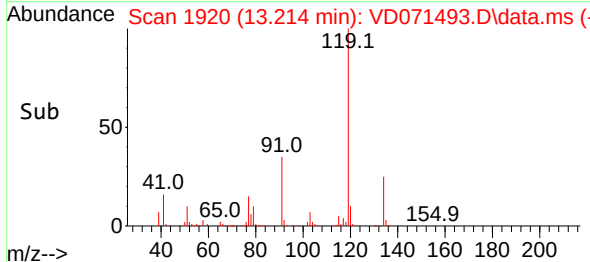
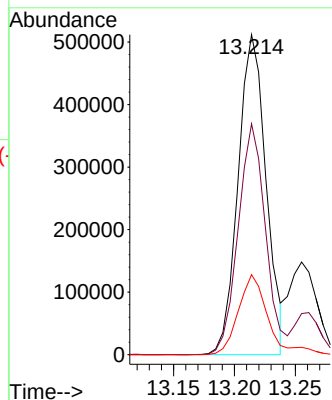
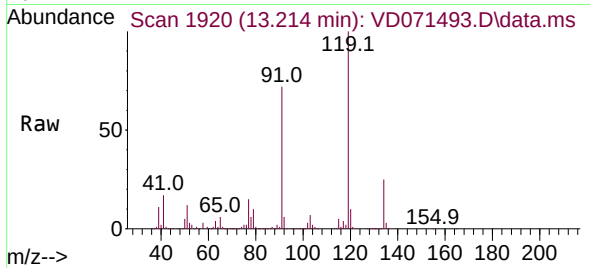




#83  
 tert-Butylbenzene  
 Concen: 53.882 ug/l  
 RT: 13.214 min Scan# 1920  
 Delta R.T. -0.000 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

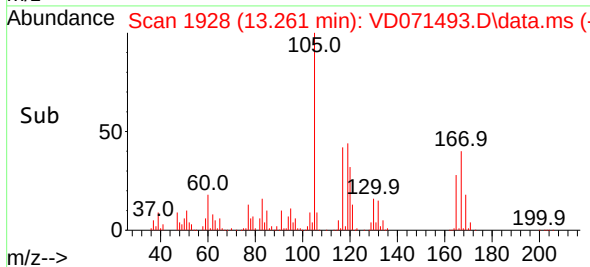
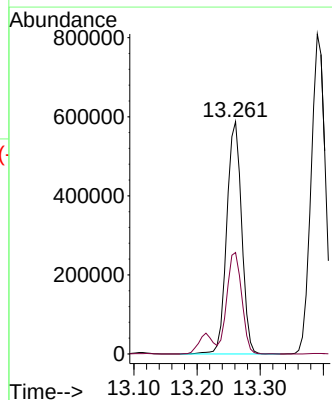
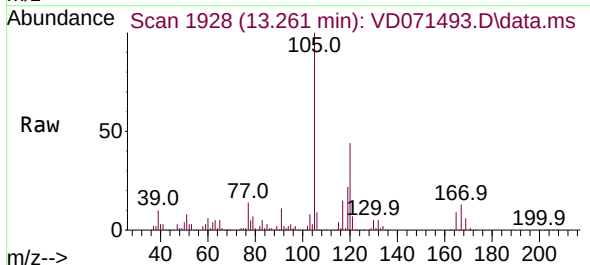
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

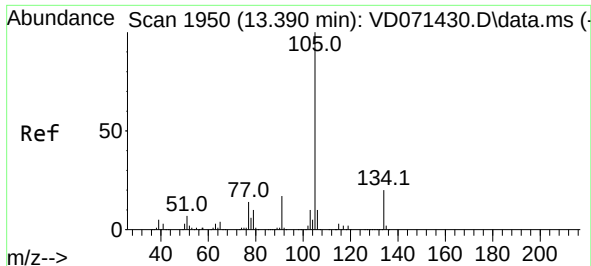
Tgt Ion:119 Resp: 820084  
 Ion Ratio Lower Upper  
 119 100  
 91 70.8 32.5 97.5  
 134 26.5 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.405 ug/l  
 RT: 13.261 min Scan# 1928  
 Delta R.T. 0.000 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

Tgt Ion:105 Resp: 959061  
 Ion Ratio Lower Upper  
 105 100  
 120 43.7 22.9 68.7

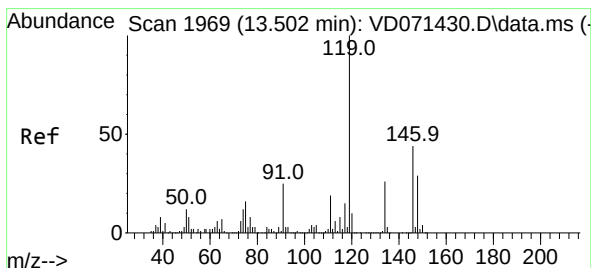
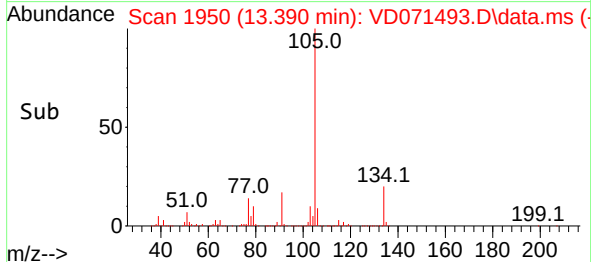
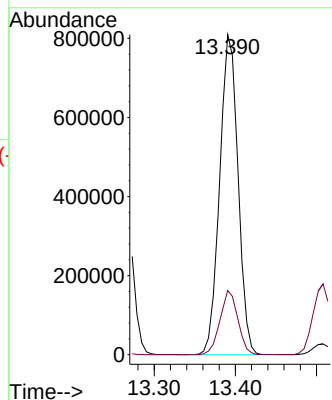
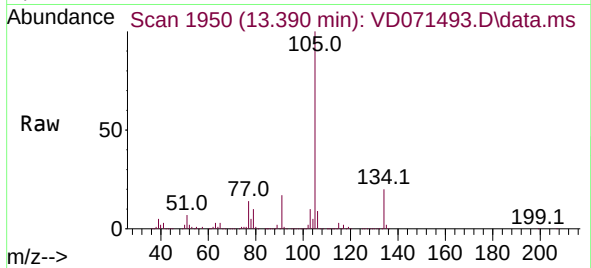




#85  
 sec-Butylbenzene  
 Concen: 54.900 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

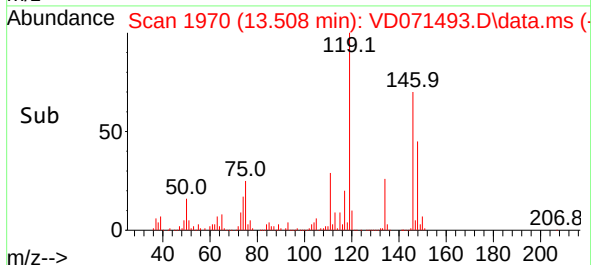
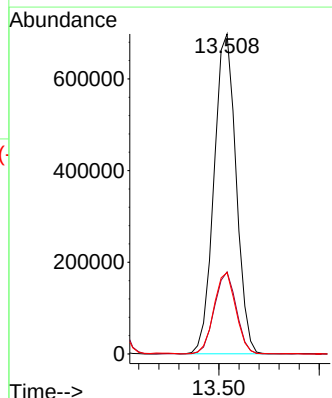
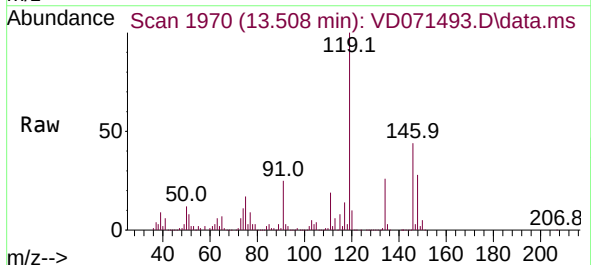
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

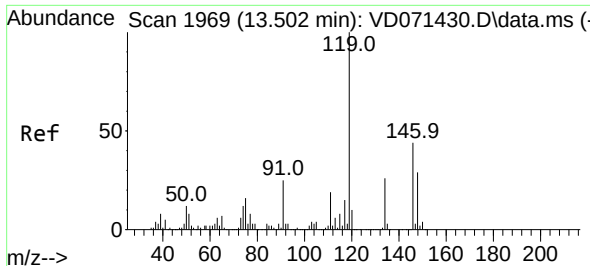
Tgt Ion:105 Resp: 1273851  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 55.464 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.006 min  
 Lab File: VD071493.D  
 Acq: 28 Dec 2021 09:43

Tgt Ion:119 Resp: 1067826  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.0 38.9  
 91 25.1 11.4 34.2

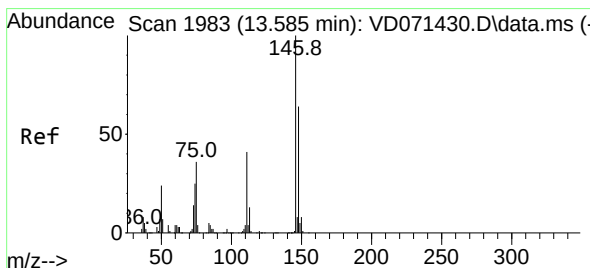
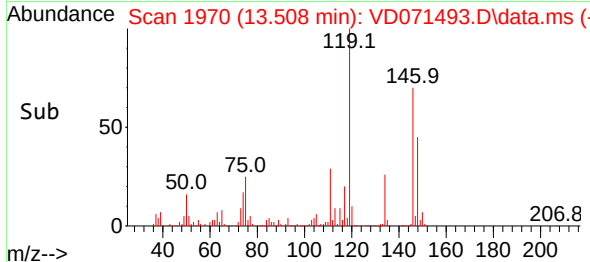
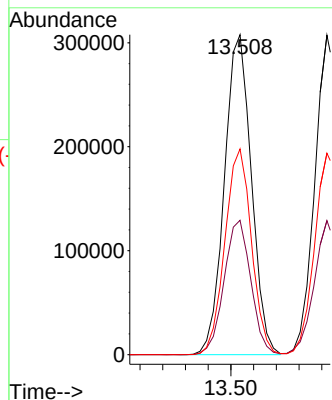
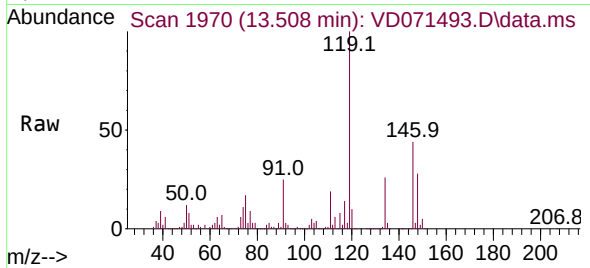




#87  
1,3-Dichlorobenzene  
Concen: 52.397 ug/l  
RT: 13.508 min Scan# 1969  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

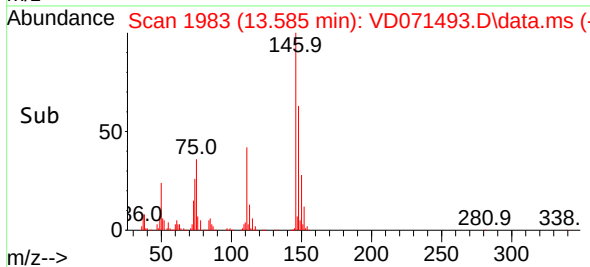
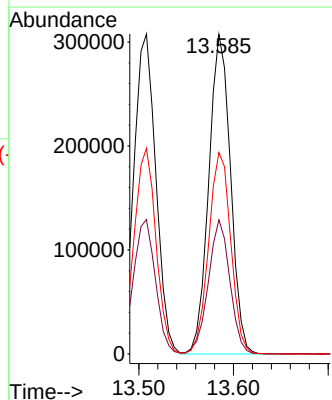
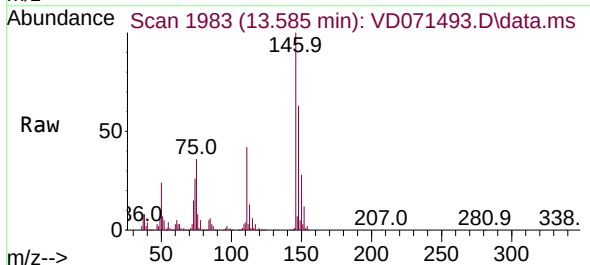
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 507055  
Ion Ratio Lower Upper  
146 100  
111 41.7 19.8 59.4  
148 63.6 32.1 96.3

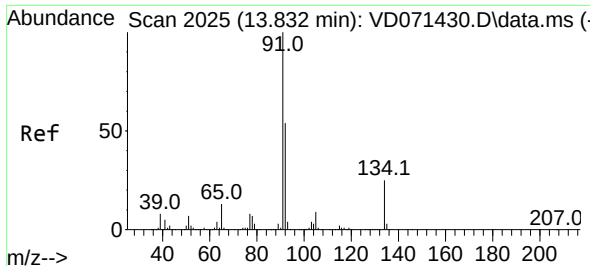


#88  
1,4-Dichlorobenzene  
Concen: 51.737 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:146 Resp: 490921  
Ion Ratio Lower Upper  
146 100  
111 41.6 19.6 58.8  
148 64.3 31.5 94.5



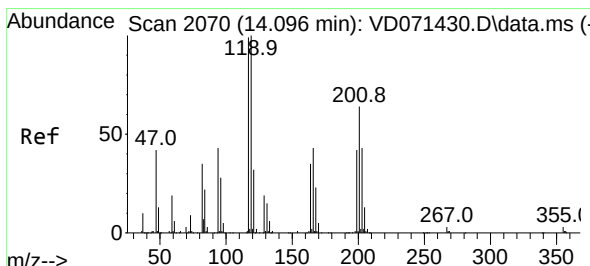
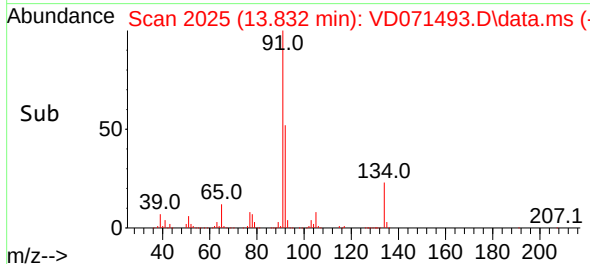
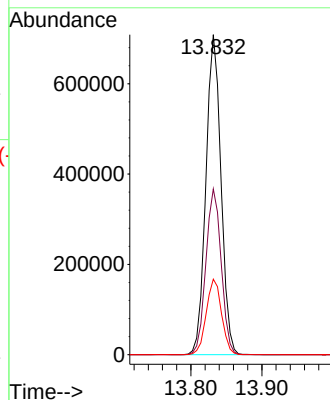
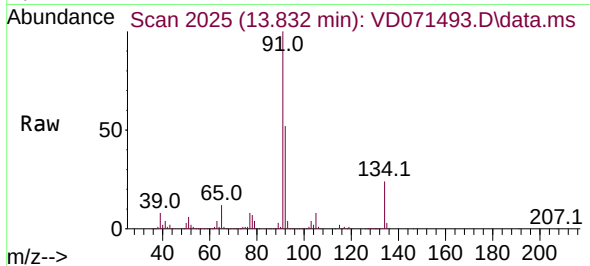




#89  
n-Butylbenzene  
Concen: 55.405 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

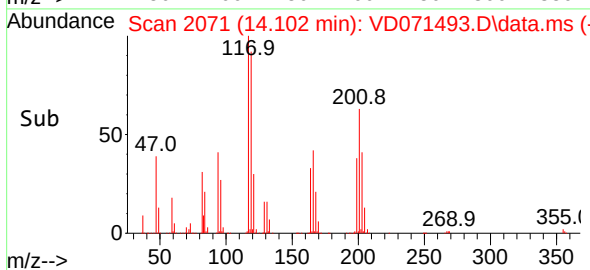
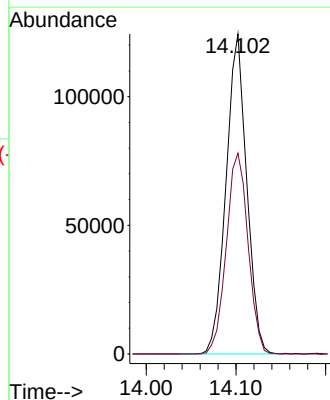
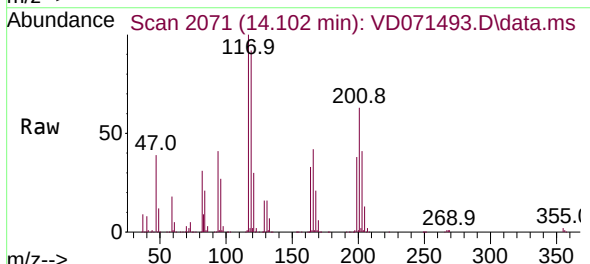
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

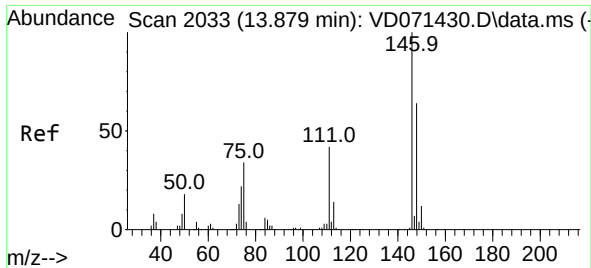
Tgt Ion: 91 Resp: 1046950  
Ion Ratio Lower Upper  
91 100  
92 52.6 27.3 81.9  
134 24.0 12.3 36.9



#90  
Hexachloroethane  
Concen: 54.504 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion: 117 Resp: 198781  
Ion Ratio Lower Upper  
117 100  
201 65.9 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 51.736 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

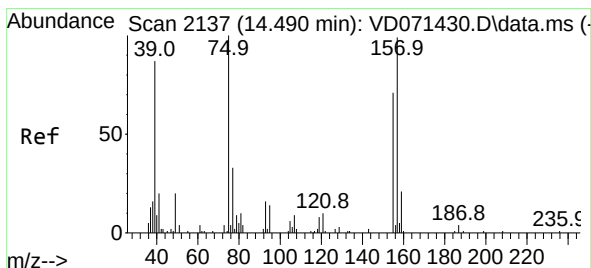
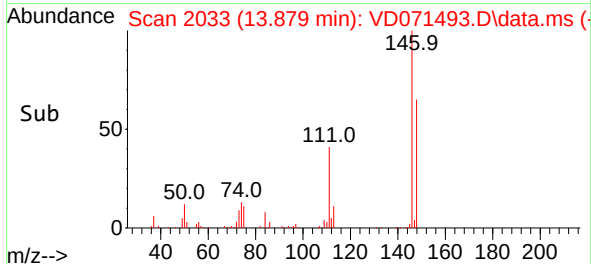
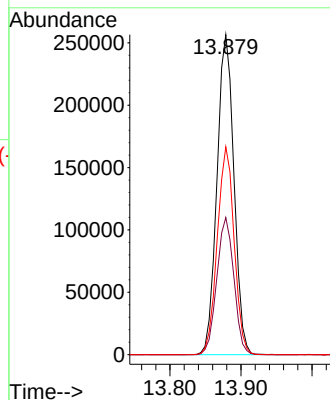
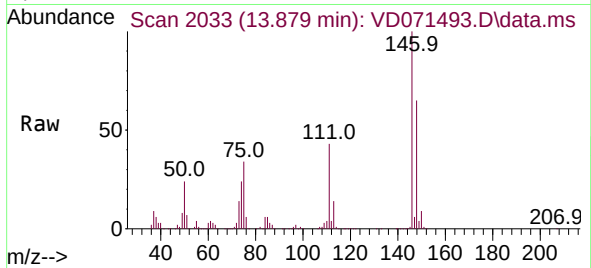
Tgt Ion:146 Resp: 424901

Ion Ratio Lower Upper

146 100

111 43.1 20.8 62.2

148 64.6 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.405 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD071493.D

Acq: 28 Dec 2021 09:43

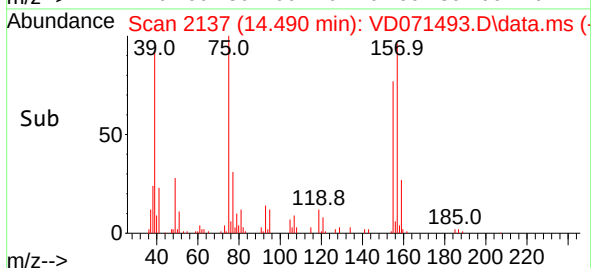
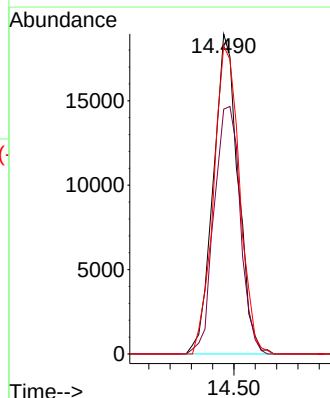
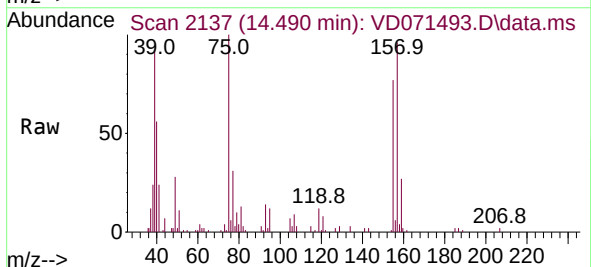
Tgt Ion: 75 Resp: 30741

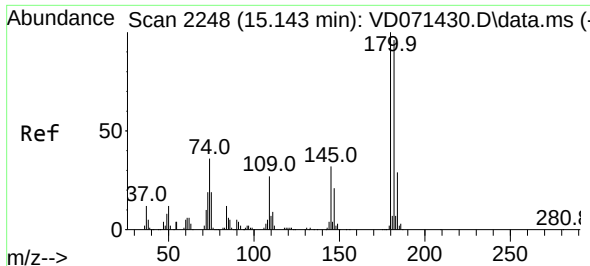
Ion Ratio Lower Upper

75 100

155 81.5 40.0 120.0

157 100.7 49.8 149.3

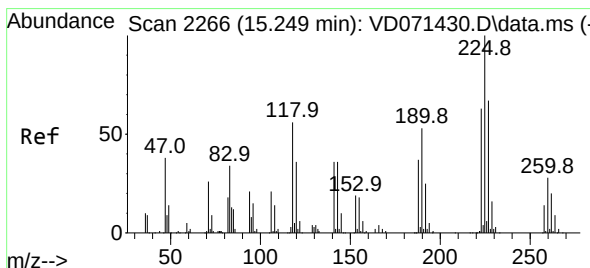
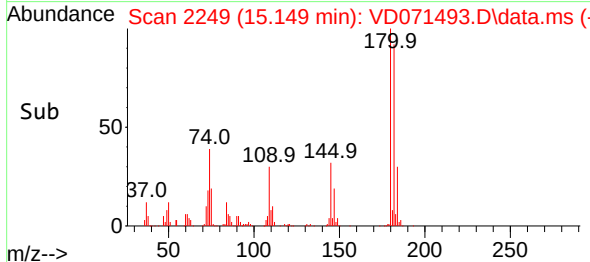
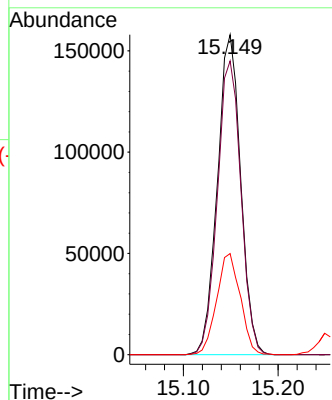
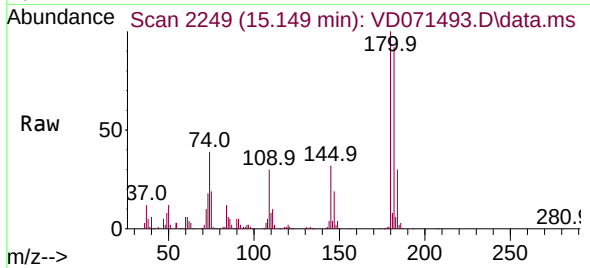




#93  
1,2,4-Trichlorobenzene  
Concen: 53.897 ug/l  
RT: 15.149 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

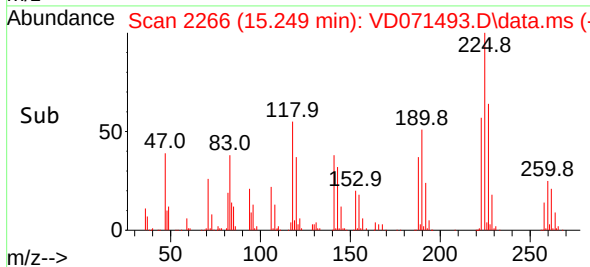
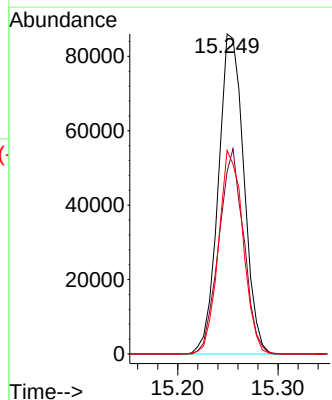
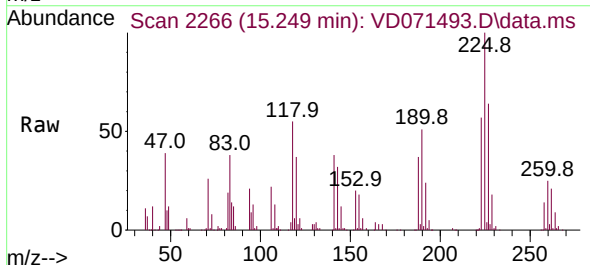
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

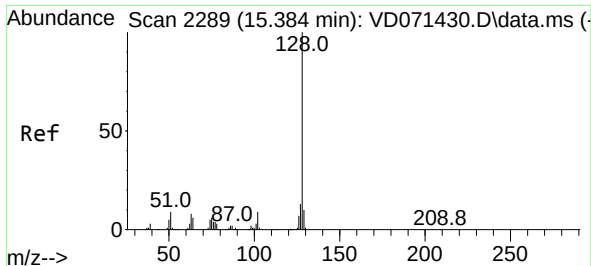
Tgt Ion:180 Resp: 269746  
Ion Ratio Lower Upper  
180 100  
182 92.9 48.2 144.6  
145 32.1 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 56.706 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:225 Resp: 152035  
Ion Ratio Lower Upper  
225 100  
223 62.3 31.8 95.3  
227 61.3 31.6 94.8

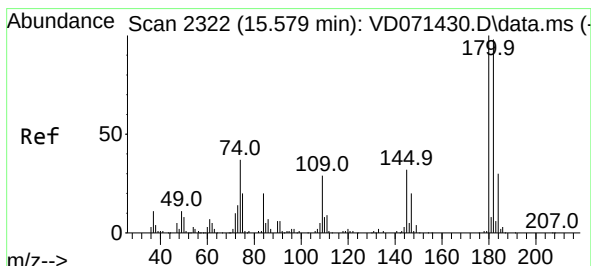
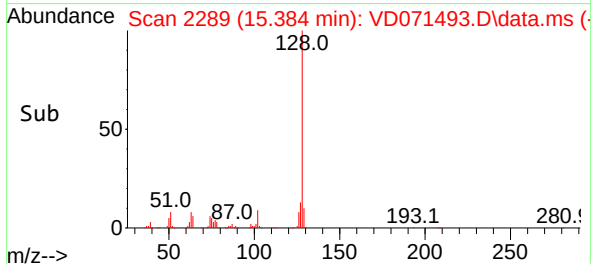
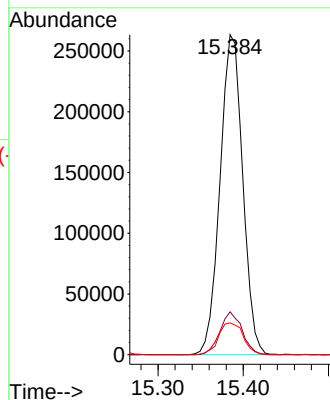
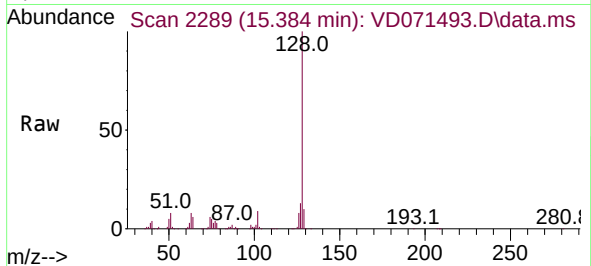




#95  
Naphthalene  
Concen: 51.122 ug/l  
RT: 15.384 min Scan# 211  
Delta R.T. 0.005 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 487016  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.7 16.1  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 51.363 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD071493.D  
Acq: 28 Dec 2021 09:43

Tgt Ion:180 Resp: 222345  
Ion Ratio Lower Upper  
180 100  
182 95.8 46.7 140.1  
145 33.8 15.9 47.6

