

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120421\  
 Data File : VD071144.D  
 Acq On : 04 Dec 2021 15:28  
 Operator : VA/SY  
 Sample : VD1204SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 06 03:43:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 29 17:54:09 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 238737   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 403414   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 371705   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 179016   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 135641   | 48.421   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 96.840%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 129314   | 50.338   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.680% |
| 50) Toluene-d8              | 10.332 | 98    | 467592   | 47.831   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 95.660%  |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 164764   | 48.621   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 97.240%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.985 | 85  | 41440  | 20.355  | ug/l   | 97  |
| 3) Chloromethane             | 2.209 | 50  | 61322  | 22.768  | ug/l   | 92  |
| 4) Vinyl Chloride            | 2.350 | 62  | 68018  | 22.636  | ug/l   | 98  |
| 5) Bromomethane              | 2.762 | 94  | 50636  | 23.376  | ug/l   | 96  |
| 6) Chloroethane              | 2.921 | 64  | 48314  | 23.377  | ug/l # | 84  |
| 7) Trichlorofluoromethane    | 3.274 | 101 | 81508  | 20.023  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.709 | 74  | 20907  | 18.945  | ug/l   | 88  |
| 9) 1,1,2-Trichlorotrifluo... | 4.091 | 101 | 45426  | 18.915  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.303 | 142 | 39616  | 17.456  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.203 | 59  | 34065  | 167.125 | ug/l # | 83  |
| 12) 1,1-Dichloroethene       | 4.068 | 96  | 41716  | 18.822  | ug/l   | 82  |
| 13) Acrolein                 | 3.921 | 56  | 18942  | 98.949  | ug/l   | 97  |
| 14) Allyl chloride           | 4.715 | 41  | 81019  | 19.246  | ug/l # | 82  |
| 15) Acrylonitrile            | 5.426 | 53  | 53151  | 99.035  | ug/l   | 96  |
| 16) Acetone                  | 4.156 | 43  | 50002  | 89.736  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.409 | 76  | 126155 | 19.442  | ug/l   | 95  |
| 18) Methyl Acetate           | 4.721 | 43  | 41464  | 20.061  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 103434 | 19.043  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.962 | 84  | 65658  | 20.787  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 48121  | 19.288  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.367 | 45  | 160316 | 19.008  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.303 | 43  | 361515 | 97.850  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.256 | 63  | 96875  | 19.969  | ug/l   | 98  |
| 25) 2-Butanone               | 7.215 | 43  | 72255  | 102.922 | ug/l # | 89  |
| 26) 2,2-Dichloropropane      | 7.215 | 77  | 77247  | 17.511  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 7.215 | 96  | 54690  | 19.377  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.544 | 49  | 47117  | 22.361  | ug/l   | 89  |
| 29) Tetrahydrofuran          | 7.562 | 42  | 43326  | 97.401  | ug/l   | 95  |
| 30) Chloroform               | 7.709 | 83  | 95653  | 19.647  | ug/l   | 92  |
| 31) Cyclohexane              | 7.985 | 56  | 87168  | 18.293  | ug/l # | 91  |
| 32) 1,1,1-Trichloroethane    | 7.903 | 97  | 82194  | 18.804  | ug/l   | 93  |
| 36) 1,1-Dichloropropene      | 8.109 | 75  | 71815  | 19.047  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.297 | 43  | 30628  | 18.805  | ug/l # | 87  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 69490  | 18.697  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.350 | 83  | 80756  | 17.807  | ug/l   | 100 |
| 40) Benzene                  | 8.350 | 78  | 198109 | 19.344  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120421\  
 Data File : VD071144.D  
 Acq On : 04 Dec 2021 15:28  
 Operator : VA/SY  
 Sample : VD1204SBSD01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 06 03:43:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 29 17:54:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 17455    | 23.877  | ug/l # | 79       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 63476    | 20.305  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 61482    | 20.587  | ug/l # | 91       |
| 44) Trichloroethene           | 9.114  | 130  | 50967    | 18.665  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 52557    | 19.514  | ug/l   | 92       |
| 46) Dibromomethane            | 9.473  | 93   | 27338    | 19.564  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.656  | 83   | 70949    | 19.199  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.450  | 41   | 30703    | 19.259  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.456  | 88   | 6161     | 456.751 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 154524   | 104.474 | ug/l   | 91       |
| 52) Toluene                   | 10.397 | 92   | 124093   | 19.097  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 62283    | 18.331  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 74508    | 18.462  | ug/l # | 75       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 37225    | 20.307  | ug/l # | 93       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 42905    | 20.287  | ug/l # | 74       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 64431    | 20.008  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 141285   | 113.263 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.979 | 43   | 106742   | 101.041 | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.138 | 129  | 44424    | 19.499  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 33568    | 19.067  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 44278    | 18.764  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.661 | 112  | 128866   | 18.685  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 48444    | 19.238  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.738 | 91   | 235481   | 18.137  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.844 | 106  | 182755   | 37.285  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 83808    | 18.192  | ug/l   | 96       |
| 70) Styrene                   | 12.185 | 104  | 142944   | 18.410  | ug/l   | 95       |
| 71) Bromoform                 | 12.350 | 173  | 24999    | 19.163  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.473 | 105  | 220677   | 17.025  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 57405    | 20.032  | ug/l # | 86       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 39758    | 18.625  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 50880    | 29.831  | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 51689    | 18.410  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 282398   | 17.494  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.897 | 91   | 161245   | 17.797  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 190038   | 17.779  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 11400    | 19.601  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 12.997 | 91   | 162593   | 17.287  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 157496   | 17.157  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 184980   | 17.726  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 246391   | 17.574  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 200598   | 17.493  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 102502   | 18.340  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 104307   | 18.837  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 196605   | 17.563  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.102 | 117  | 39309    | 18.083  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 91441    | 19.239  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 7004     | 20.148  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 53077    | 17.903  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 29254    | 17.440  | ug/l   | 99       |
| 95) Naphthalene               | 15.385 | 128  | 89652    | 17.154  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 45277    | 17.981  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120421\  
Data File : VD071144.D  
Acq On : 04 Dec 2021 15:28  
Operator : VA/SY  
Sample : VD1204SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

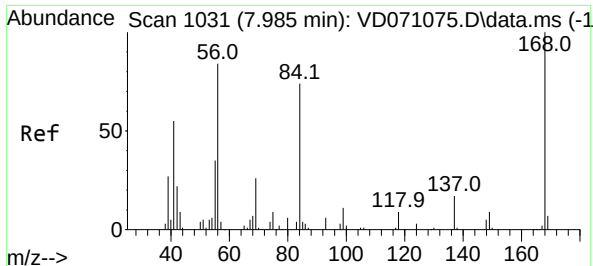
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Dec 06 03:43:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 29 17:54:09 2021  
Response via : Initial Calibration

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

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

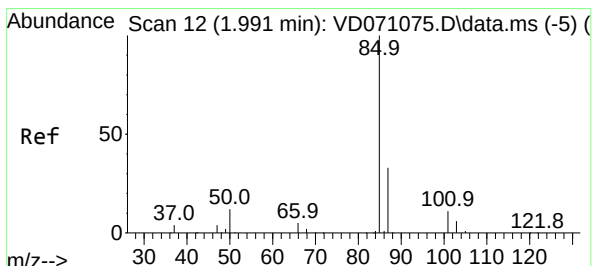
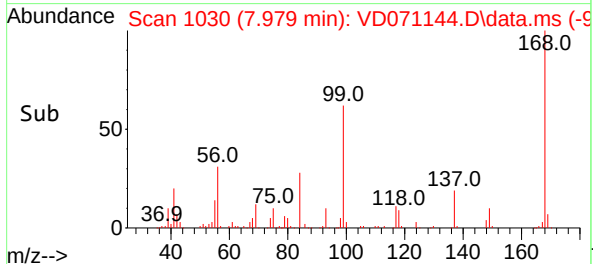
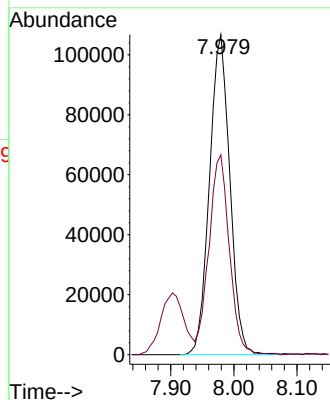
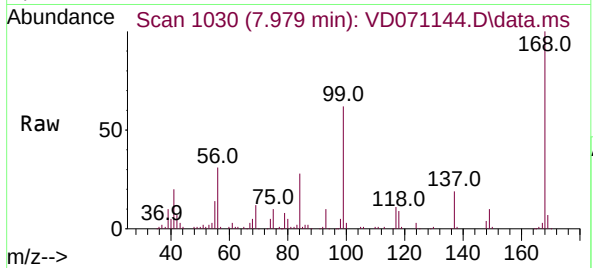




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

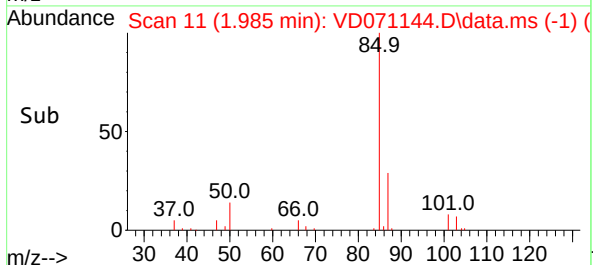
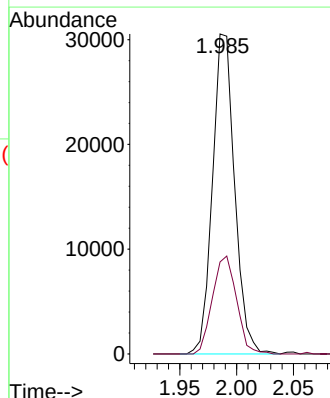
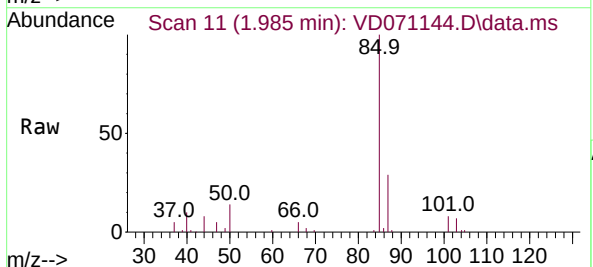
Instrument :  
MSVOA\_D  
ClientSampleId :

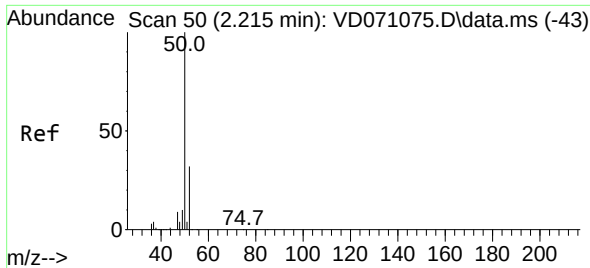
Tgt Ion:168 Resp: 238737  
Ion Ratio Lower Upper  
168 100  
99 62.5 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 20.355 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 85 Resp: 41440  
Ion Ratio Lower Upper  
85 100  
87 28.7 15.2 45.6

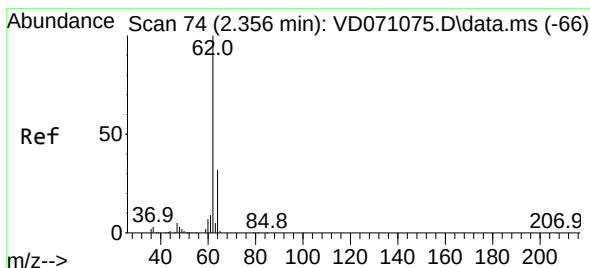
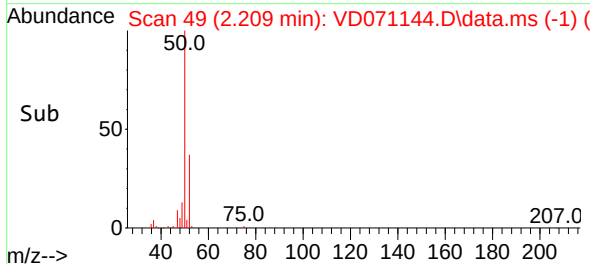
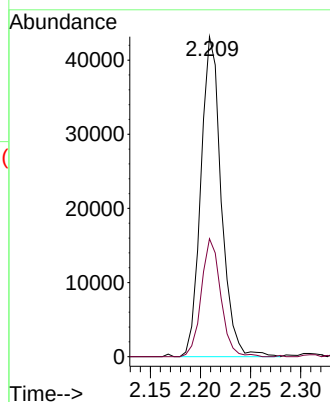
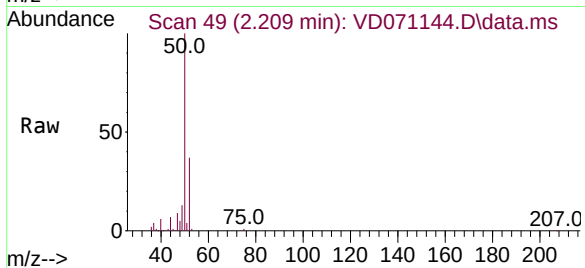




#3  
Chloromethane  
Concen: 22.768 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

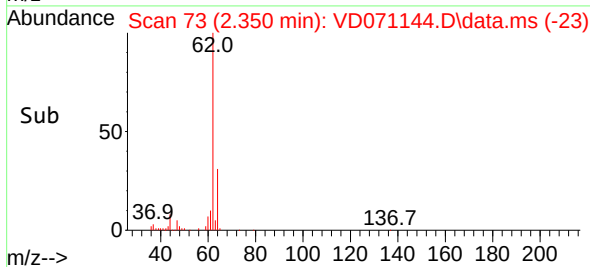
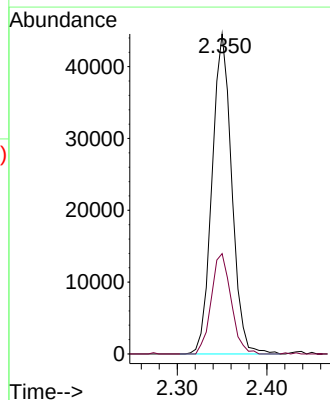
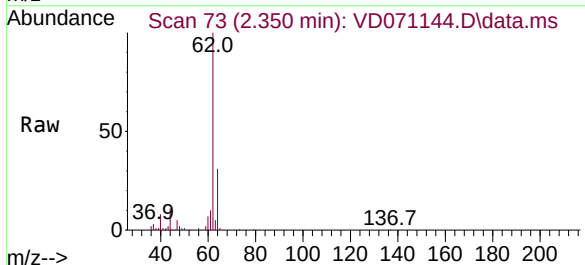
Instrument :  
MSVOA\_D  
ClientSampleId :

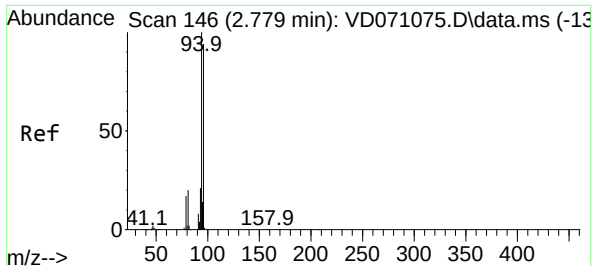
Tgt Ion: 50 Resp: 61322  
Ion Ratio Lower Upper  
50 100  
52 36.8 25.8 38.8



#4  
Vinyl Chloride  
Concen: 22.636 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 62 Resp: 68018  
Ion Ratio Lower Upper  
62 100  
64 31.3 26.0 39.0

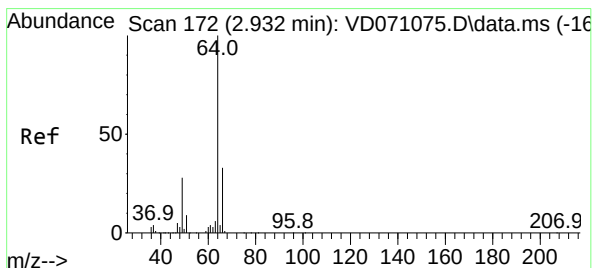
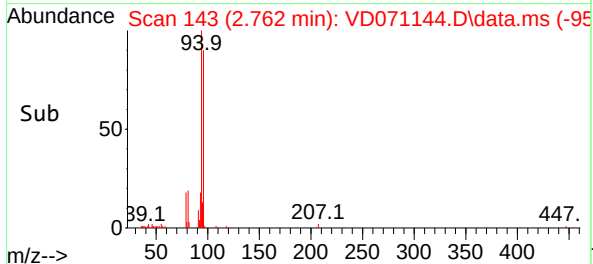
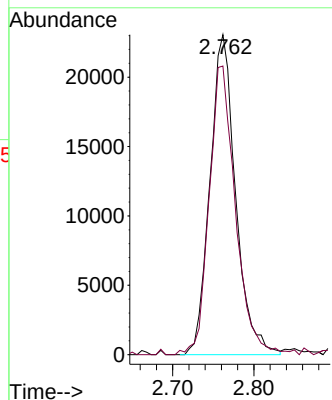
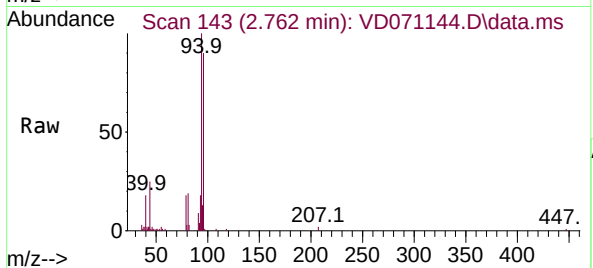




#5  
Bromomethane  
Concen: 23.376 ug/l  
RT: 2.762 min Scan# 14  
Delta R.T. -0.017 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

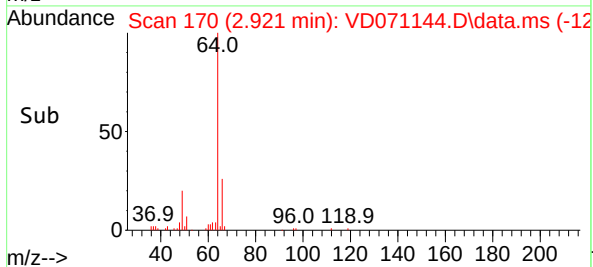
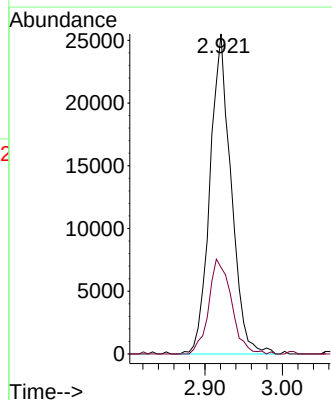
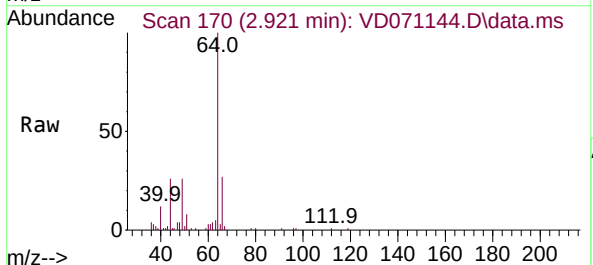
Instrument :  
MSVOA\_D  
ClientSampleId :

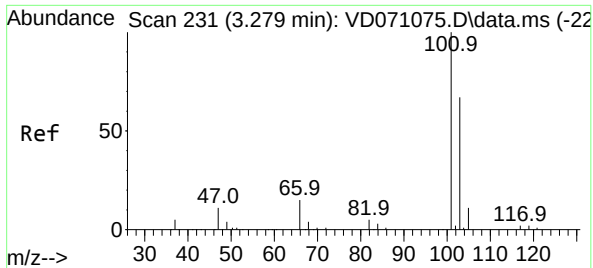
Tgt Ion: 94 Resp: 50636  
Ion Ratio Lower Upper  
94 100  
96 89.2 74.8 112.2



#6  
Chloroethane  
Concen: 23.377 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. -0.011 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 64 Resp: 48314  
Ion Ratio Lower Upper  
64 100  
66 27.0 29.0 43.4#

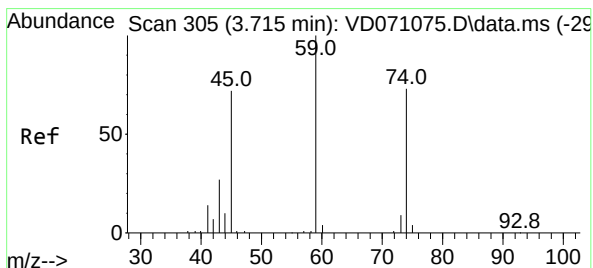
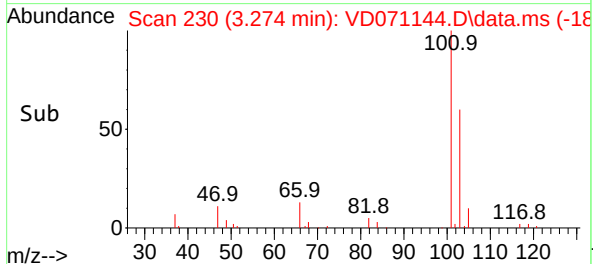
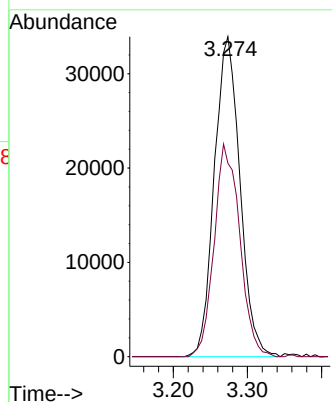
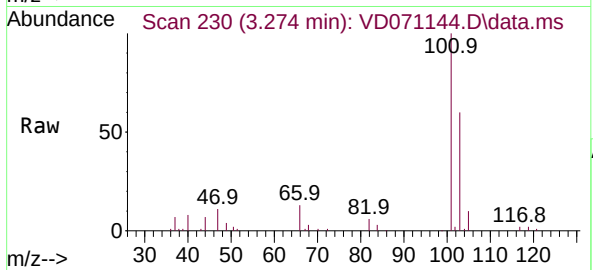




#7  
 Trichlorofluoromethane  
 Concen: 20.023 ug/l  
 RT: 3.274 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

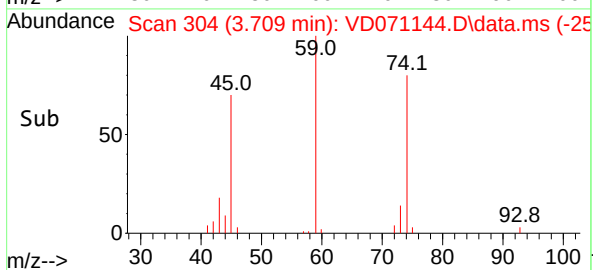
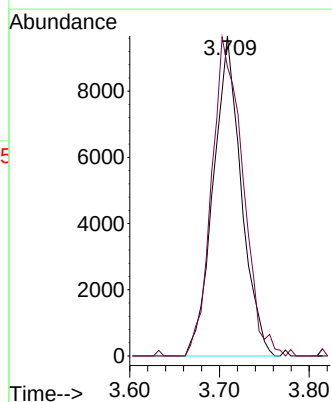
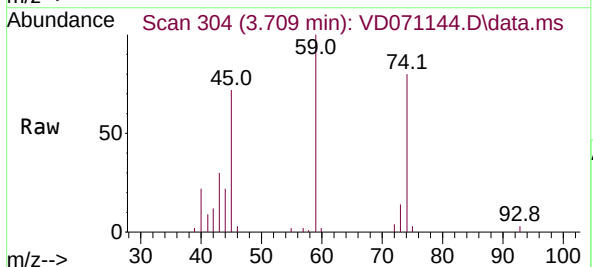
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:101 Resp: 81508  
 Ion Ratio Lower Upper  
 101 100  
 103 60.4 49.7 74.5

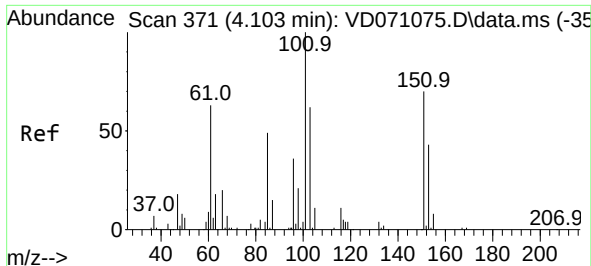


#8  
 Diethyl Ether  
 Concen: 18.945 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.006 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

Tgt Ion: 74 Resp: 20907  
 Ion Ratio Lower Upper  
 74 100  
 45 111.2 49.6 149.0



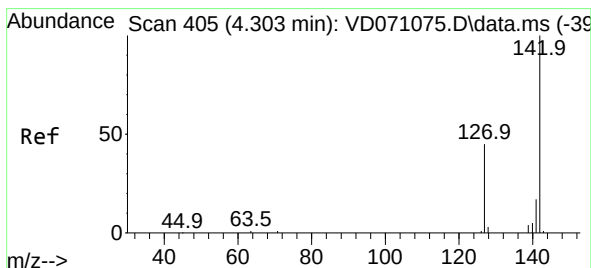
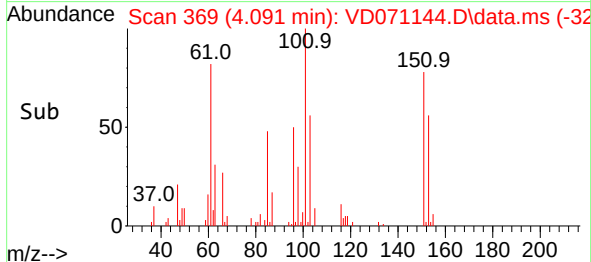
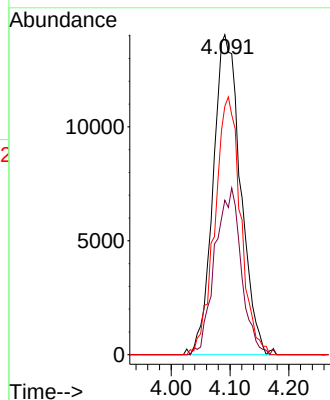
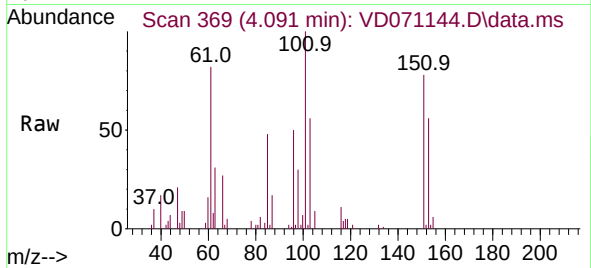




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.915 ug/l  
RT: 4.091 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

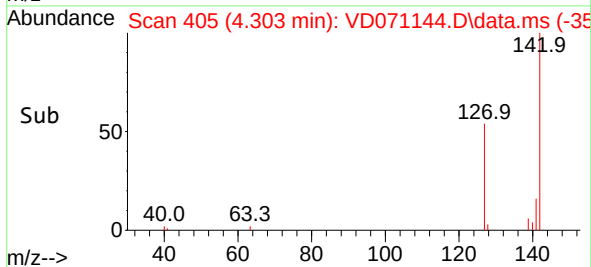
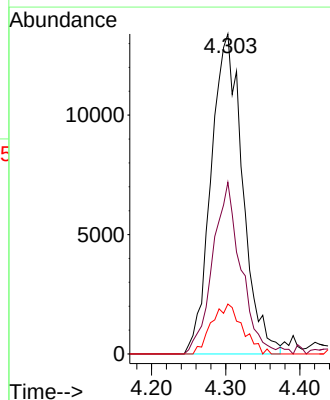
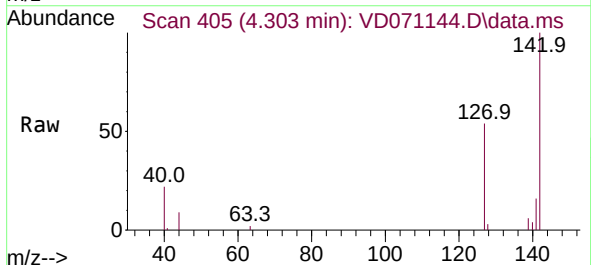
Instrument :  
MSVOA\_D  
ClientSampleId :

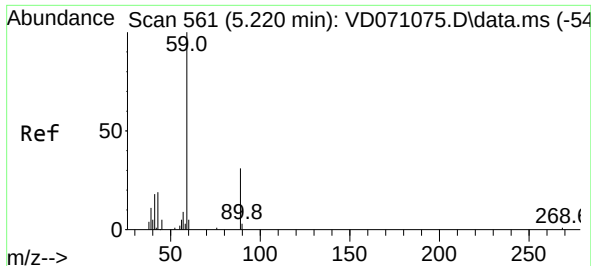
Tgt Ion:101 Resp: 45426  
Ion Ratio Lower Upper  
101 100  
85 50.1 34.8 52.2  
151 76.1 60.4 90.6



#10  
Methyl Iodide  
Concen: 17.456 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion:142 Resp: 39616  
Ion Ratio Lower Upper  
142 100  
127 48.0 35.0 52.4  
141 15.3 12.0 18.0

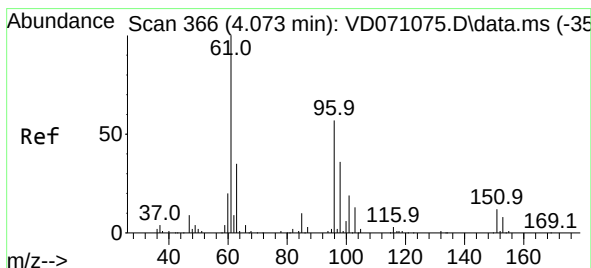
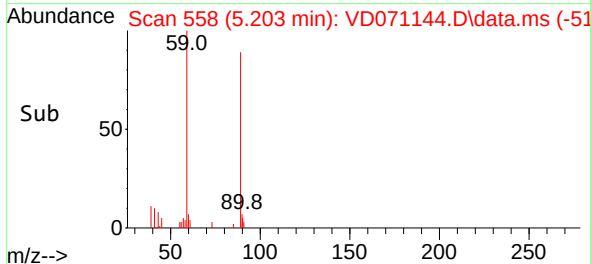
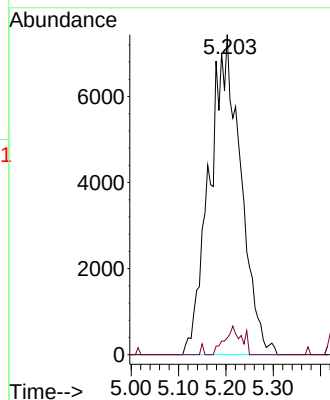
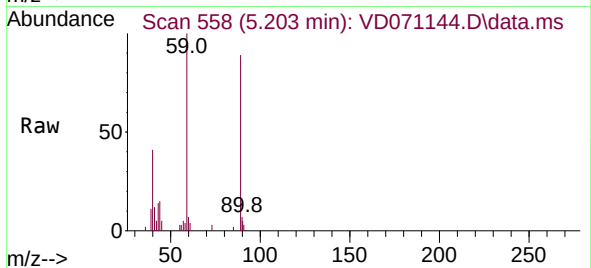




#11  
Tert butyl alcohol  
Concen: 167.125 ug/l  
RT: 5.203 min Scan# 51  
Delta R.T. -0.017 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

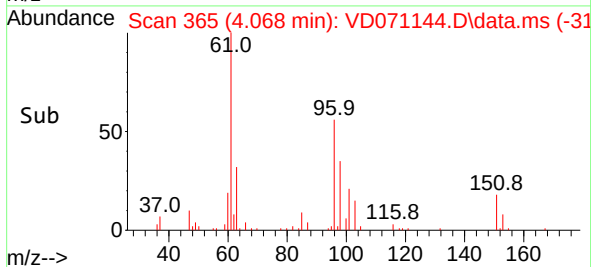
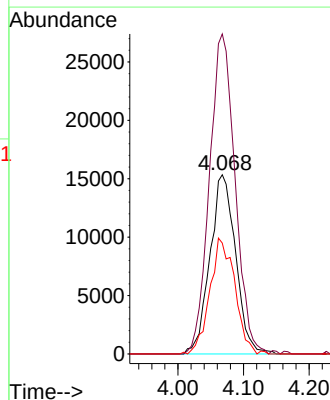
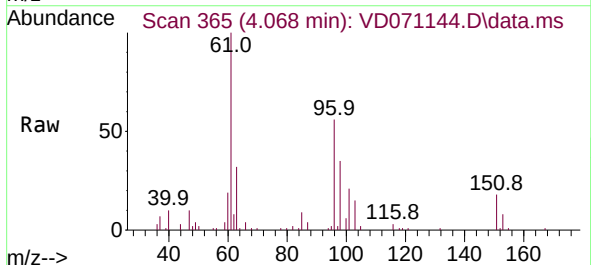
Instrument :  
MSVOA\_D  
ClientSampleId :

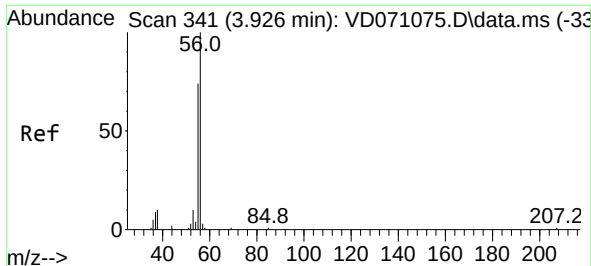
Tgt Ion: 59 Resp: 34065  
Ion Ratio Lower Upper  
59 100  
57 4.8 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 18.822 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. -0.005 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 96 Resp: 41716  
Ion Ratio Lower Upper  
96 100  
61 178.5 120.3 180.5  
98 61.9 54.4 81.6





#13

Acrolein

Concen: 98.949 ug/l

RT: 3.921 min Scan# 341

Delta R.T. -0.005 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

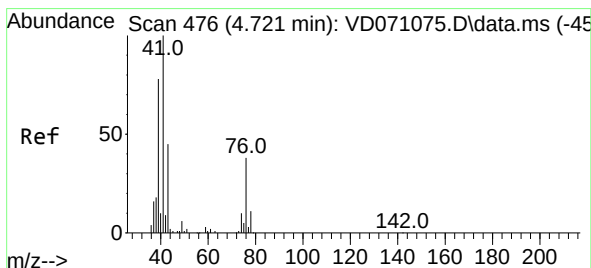
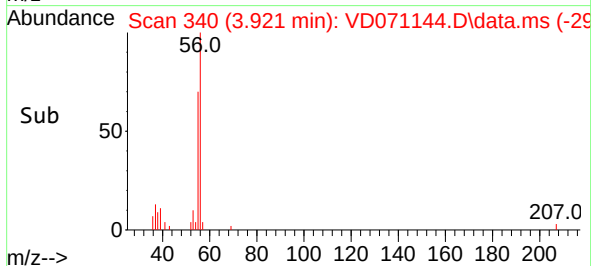
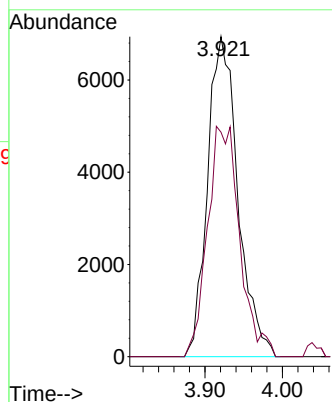
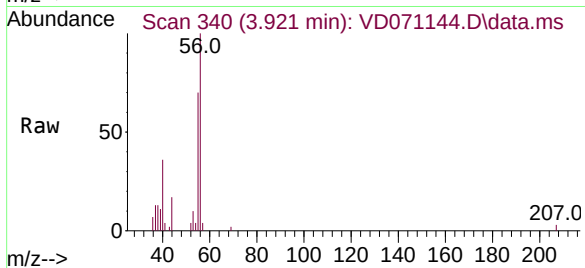
ClientSampleId :

Tgt Ion: 56 Resp: 18942

Ion Ratio Lower Upper

56 100

55 76.0 58.6 87.8



#14

Allyl chloride

Concen: 19.246 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.006 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

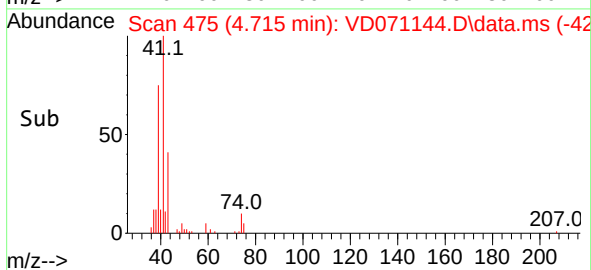
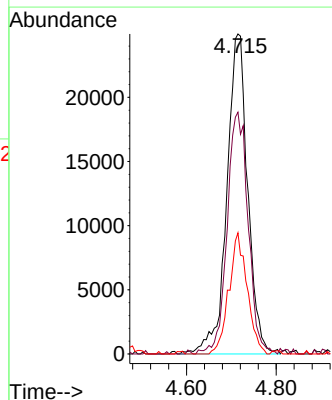
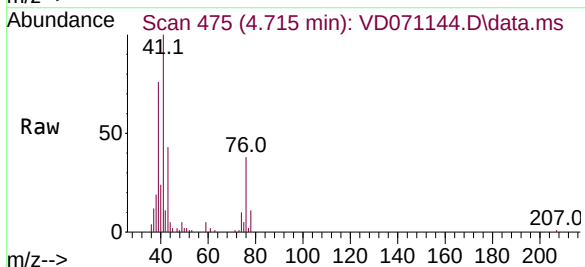
Tgt Ion: 41 Resp: 81019

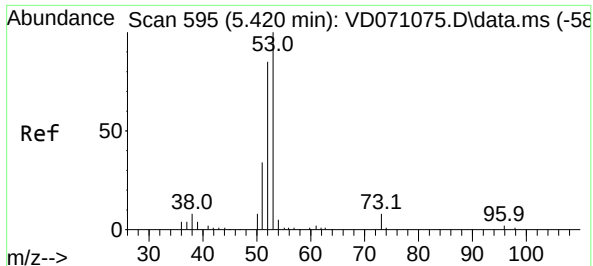
Ion Ratio Lower Upper

41 100

39 75.8 45.6 68.4

76 33.0 30.2 45.4

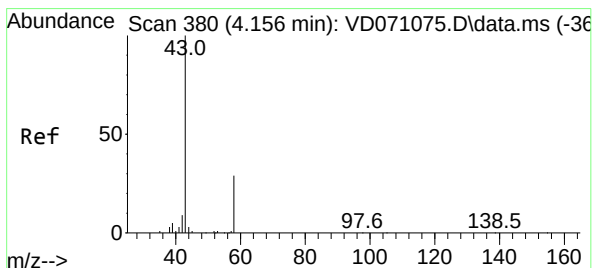
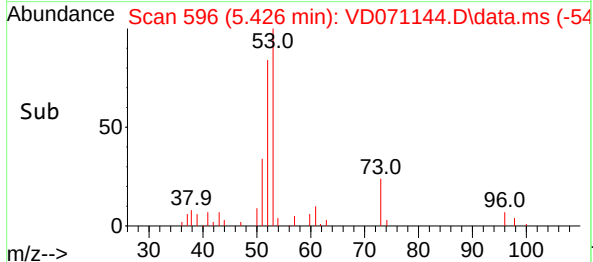
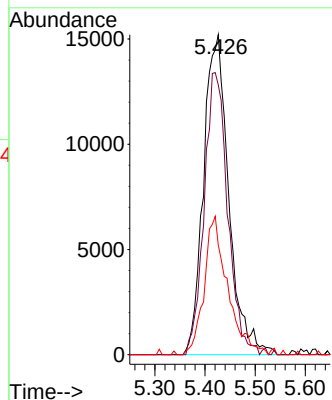
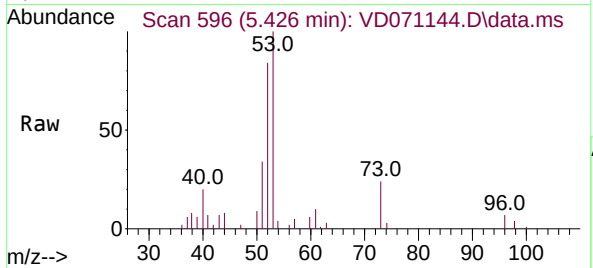




#15  
Acrylonitrile  
Concen: 99.035 ug/l  
RT: 5.426 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

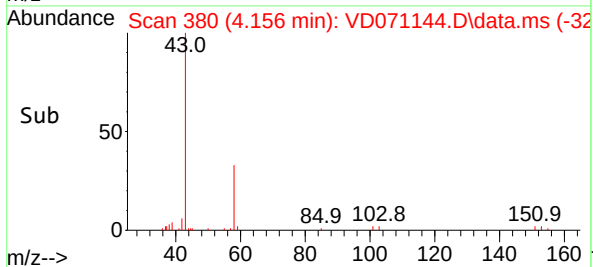
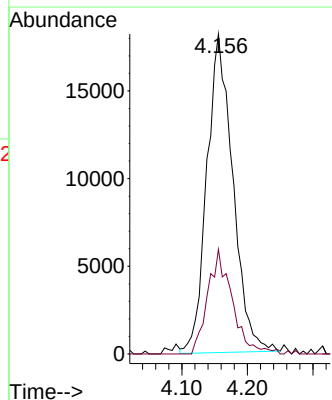
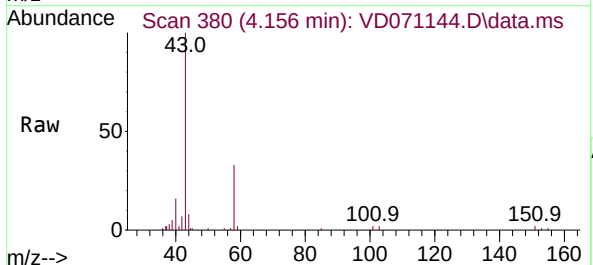
Instrument :  
MSVOA\_D  
ClientSampleId :

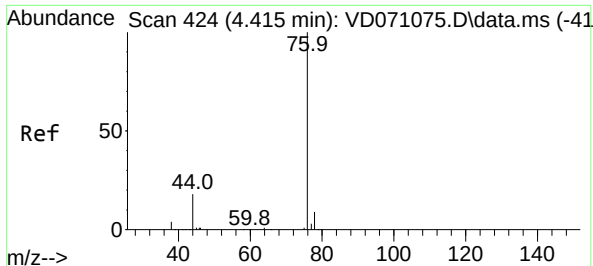
Tgt Ion: 53 Resp: 53151  
Ion Ratio Lower Upper  
53 100  
52 82.2 63.8 95.8  
51 40.2 28.5 42.7



#16  
Acetone  
Concen: 89.736 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 43 Resp: 50002  
Ion Ratio Lower Upper  
43 100  
58 33.0 27.8 41.8

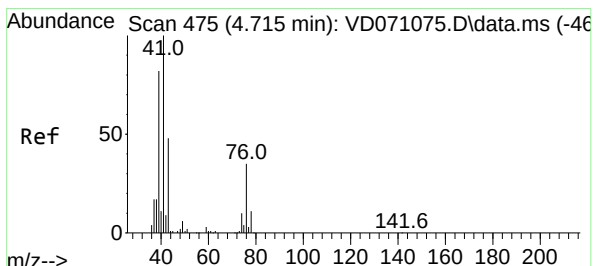
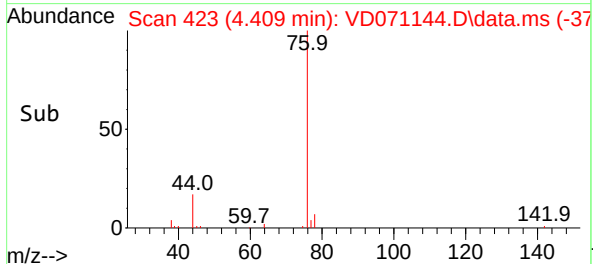
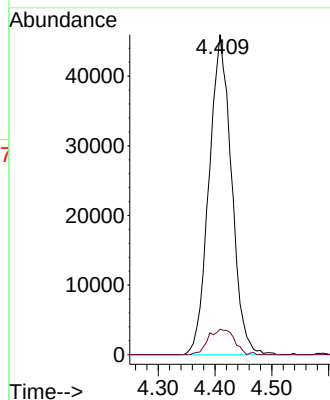
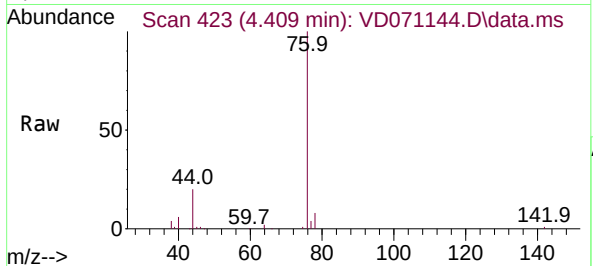




#17  
Carbon Disulfide  
Concen: 19.442 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

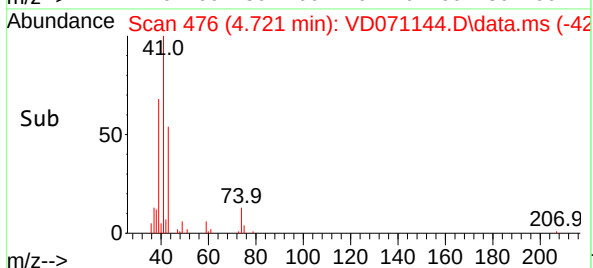
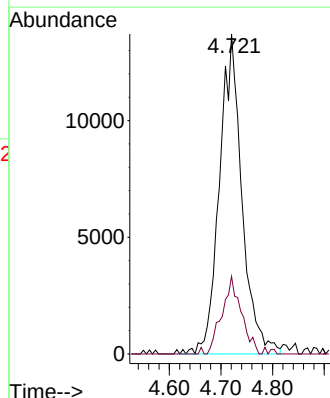
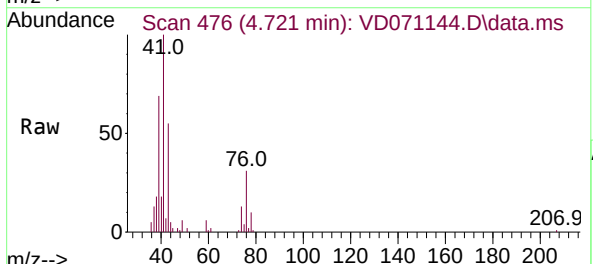
Instrument :  
MSVOA\_D  
ClientSampleId :

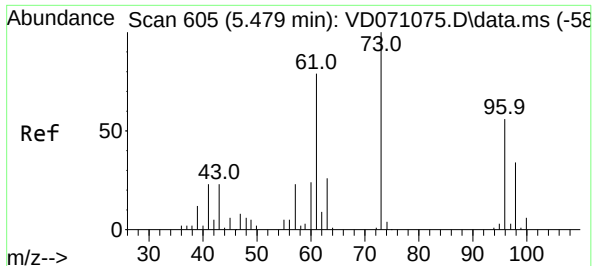
Tgt Ion: 76 Resp: 126155  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.8 11.8



#18  
Methyl Acetate  
Concen: 20.061 ug/l  
RT: 4.721 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 43 Resp: 41464  
Ion Ratio Lower Upper  
43 100  
74 20.7 19.3 28.9

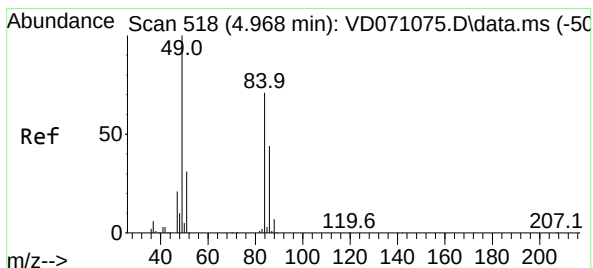
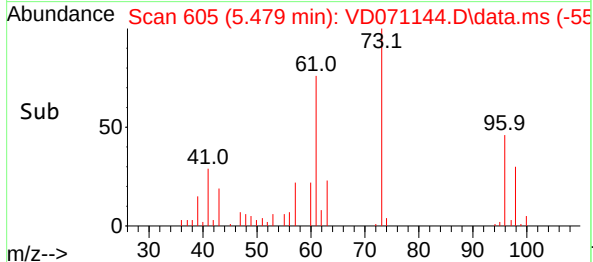
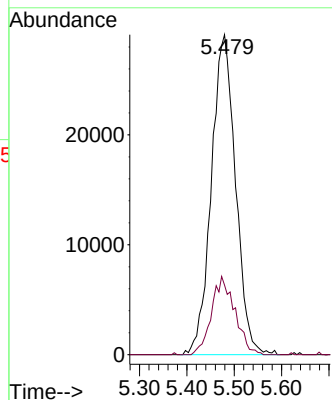
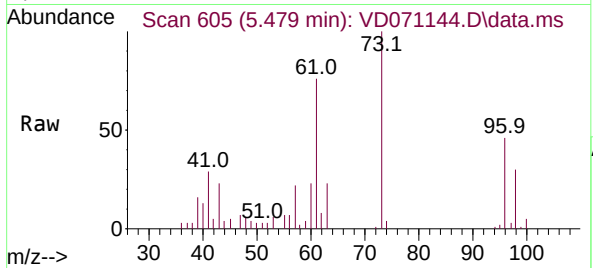




#19  
Methyl tert-butyl Ether  
Concen: 19.043 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

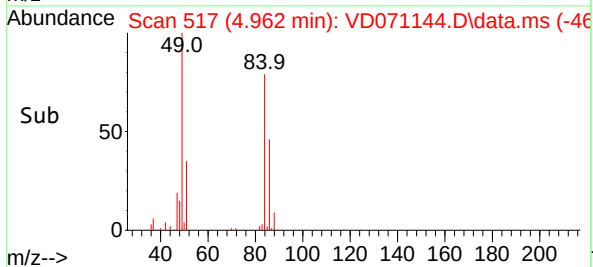
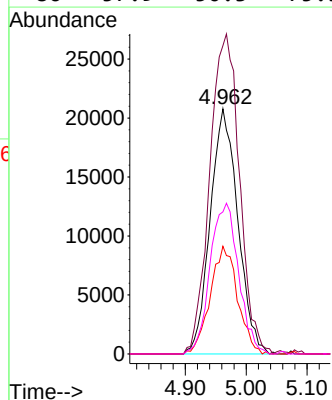
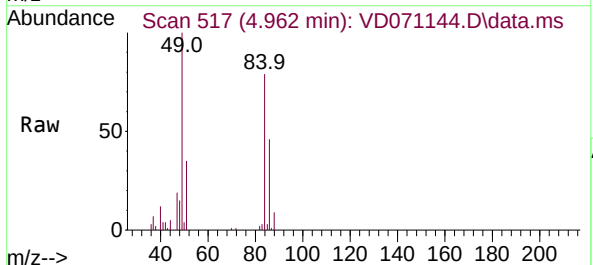
Instrument :  
MSVOA\_D  
ClientSampleId :

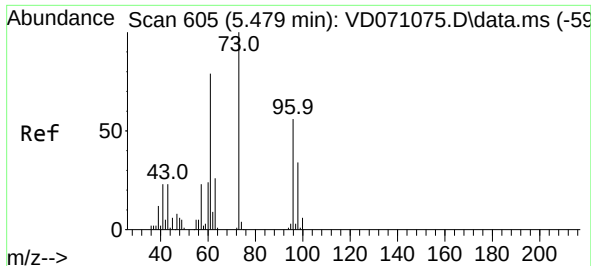
Tgt Ion: 73 Resp: 103434  
Ion Ratio Lower Upper  
73 100  
57 21.7 18.9 28.3



#20  
Methylene Chloride  
Concen: 20.787 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

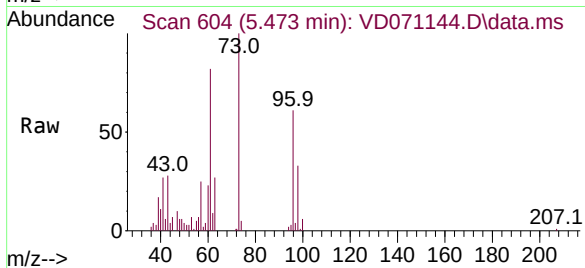
Tgt Ion: 84 Resp: 65658  
Ion Ratio Lower Upper  
84 100  
49 125.8 95.8 143.6  
51 43.9 30.9 46.3  
86 57.9 50.3 75.5





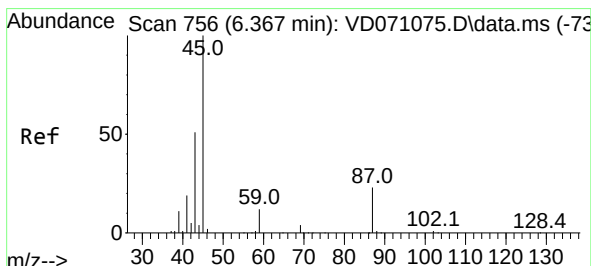
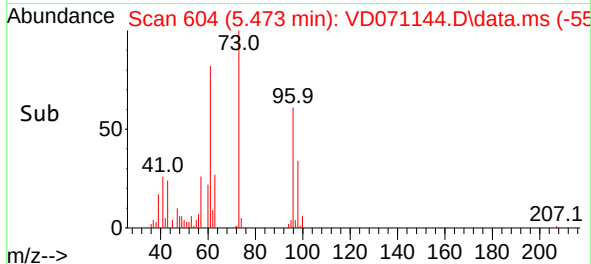
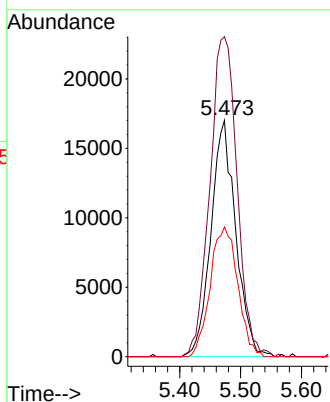
#21  
trans-1,2-Dichloroethene  
Concen: 19.288 ug/l  
RT: 5.473 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 96 Resp: 48121

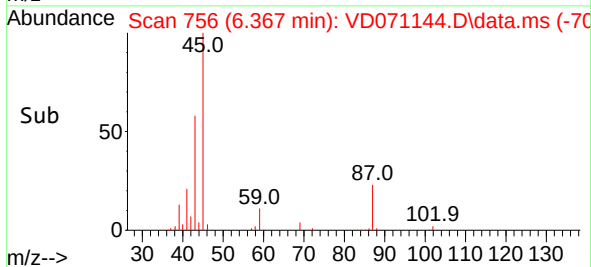
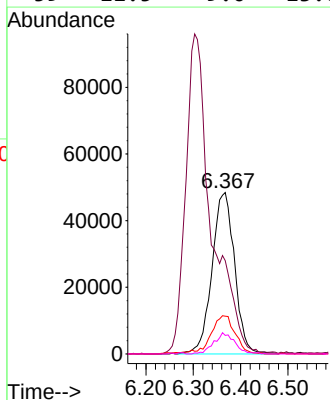
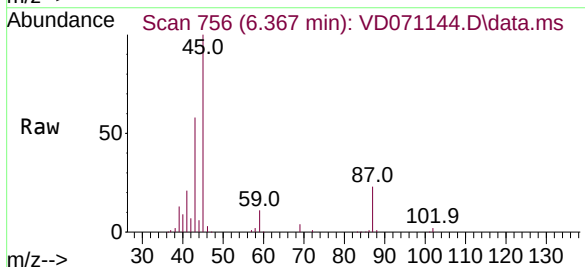
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.4 | 102.1 | 153.1 |
| 98  | 54.9  | 50.1  | 75.1  |

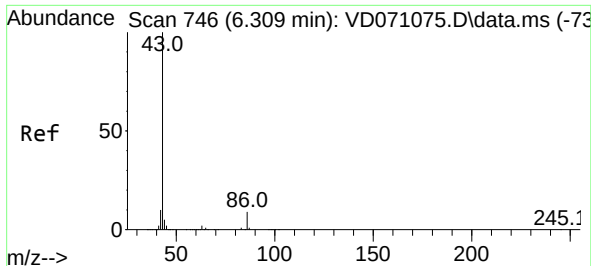


#22  
Diisopropyl ether  
Concen: 19.008 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 45 Resp: 160316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 57.4  | 39.6  | 59.4  |
| 87  | 23.4  | 21.2  | 31.8  |
| 59  | 11.5  | 9.0   | 13.6  |

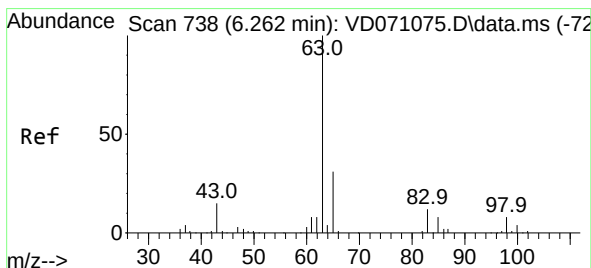
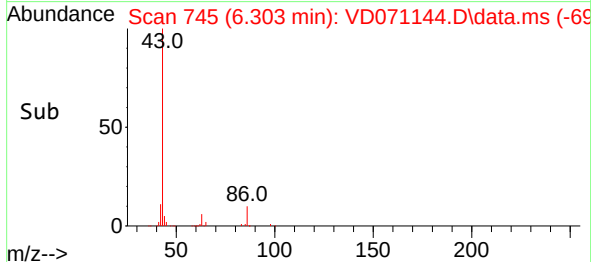
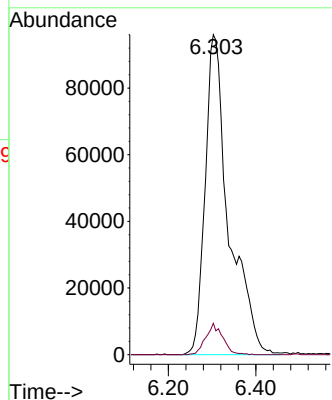
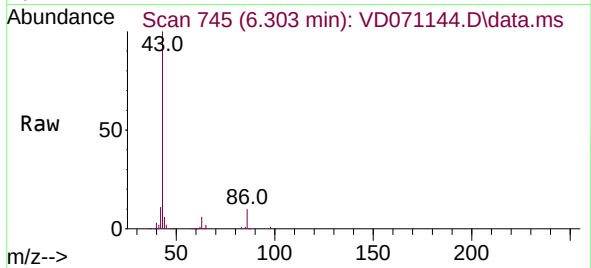




#23  
 Vinyl Acetate  
 Concen: 97.850 ug/l  
 RT: 6.303 min Scan# 746  
 Delta R.T. -0.006 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

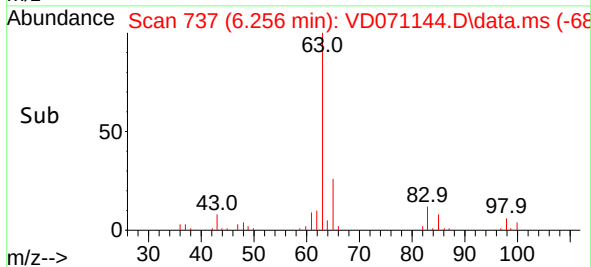
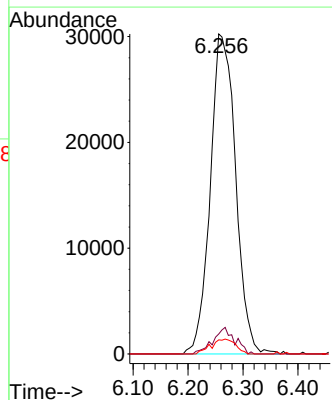
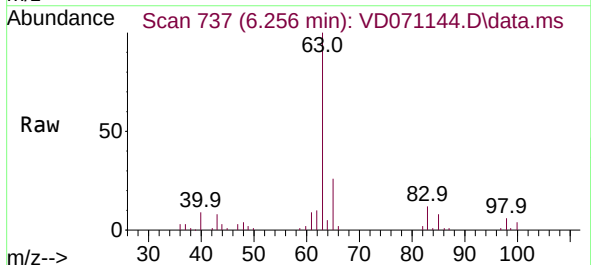
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 43 Resp: 361515  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 8.2 12.4

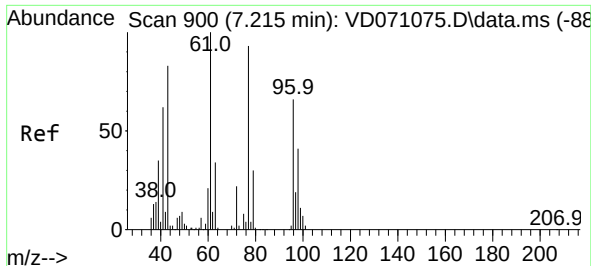


#24  
 1,1-Dichloroethane  
 Concen: 19.969 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

Tgt Ion: 63 Resp: 96875  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.5 10.6  
 100 4.4 2.1 6.3



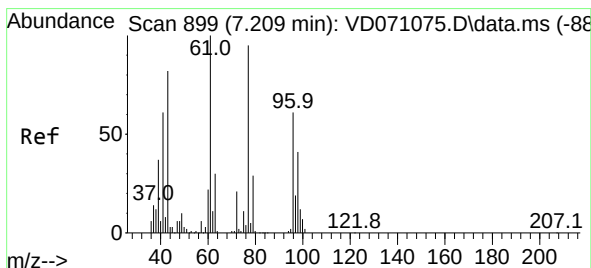
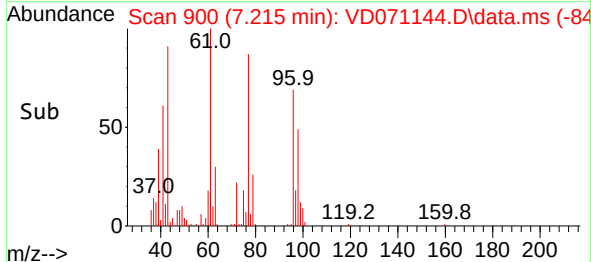
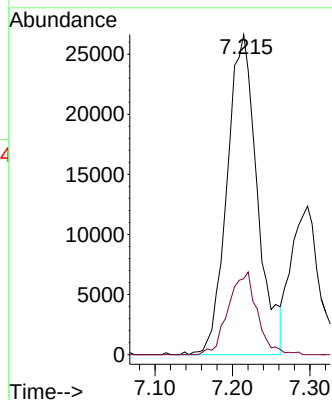
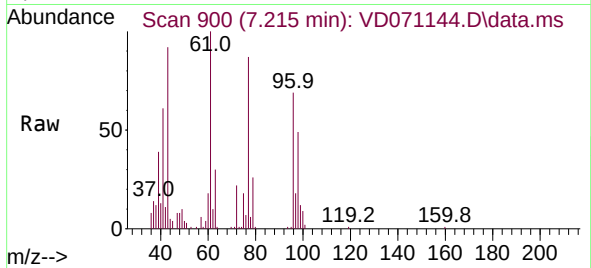




#25  
2-Butanone  
Concen: 102.922 ug/l  
RT: 7.215 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

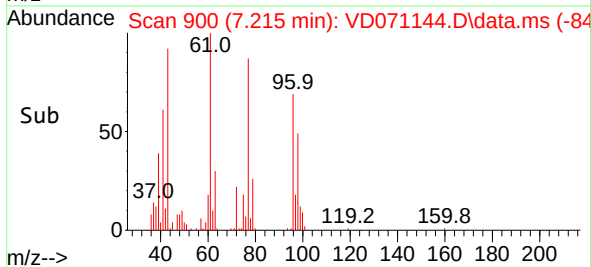
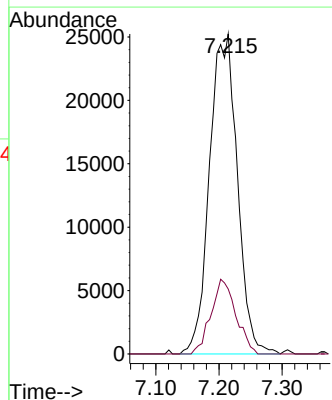
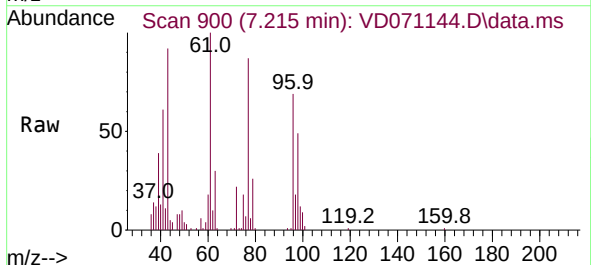
Instrument :  
MSVOA\_D  
ClientSampleId :

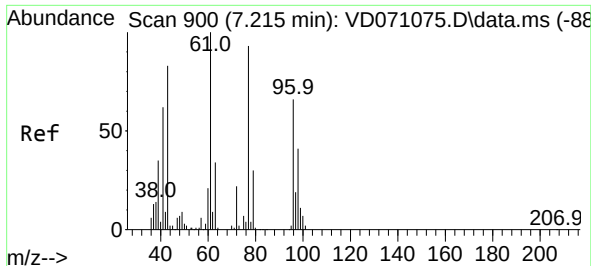
Tgt Ion: 43 Resp: 72255  
Ion Ratio Lower Upper  
43 100  
72 23.8 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 17.511 ug/l  
RT: 7.215 min Scan# 900  
Delta R.T. 0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 77 Resp: 77247  
Ion Ratio Lower Upper  
77 100  
97 20.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.377 ug/l

RT: 7.215 min Scan# 900

Delta R.T. -0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

ClientSampleId :

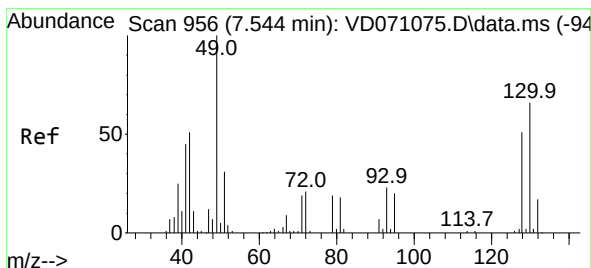
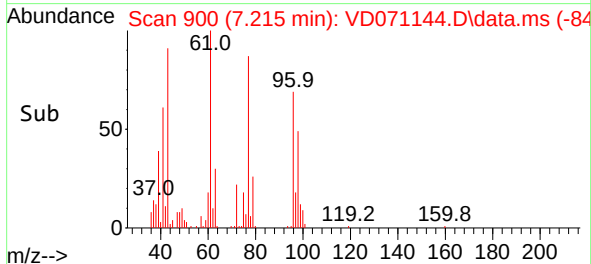
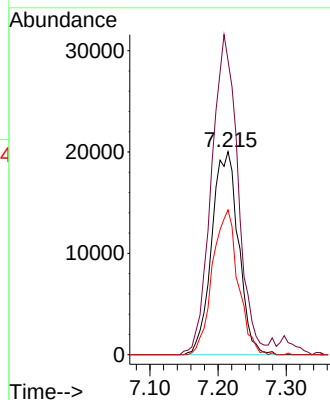
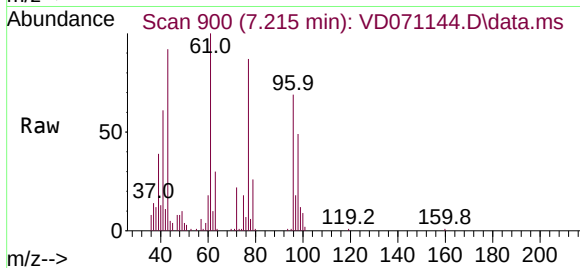
Tgt Ion: 96 Resp: 54690

Ion Ratio Lower Upper

96 100

61 156.9 0.0 288.6

98 68.4 0.0 129.2



#28

Bromochloromethane

Concen: 22.361 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

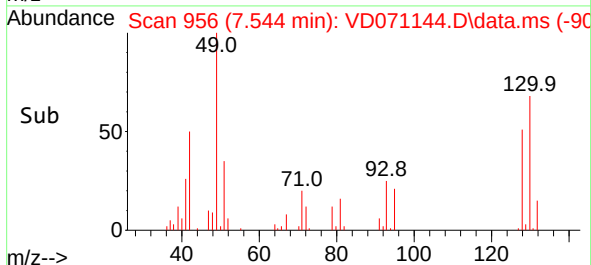
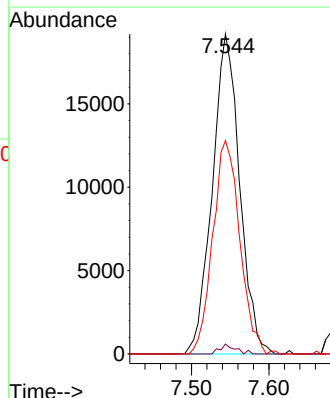
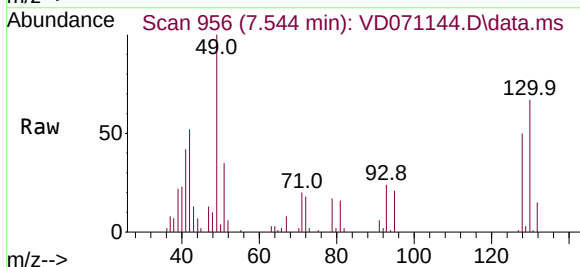
Tgt Ion: 49 Resp: 47117

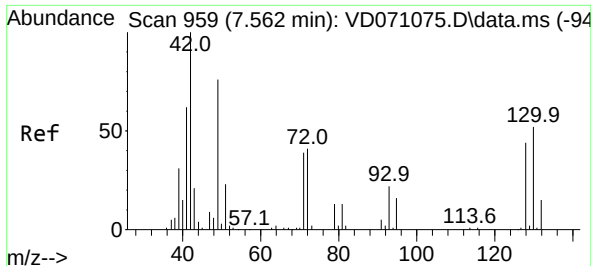
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 66.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 97.401 ug/l

RT: 7.562 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

ClientSampleId :

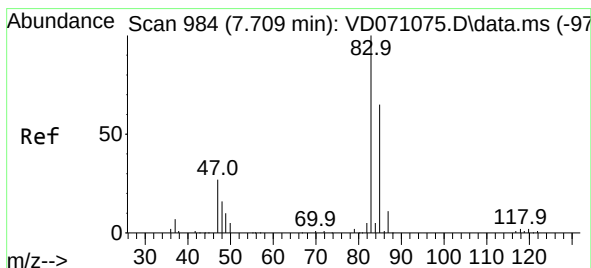
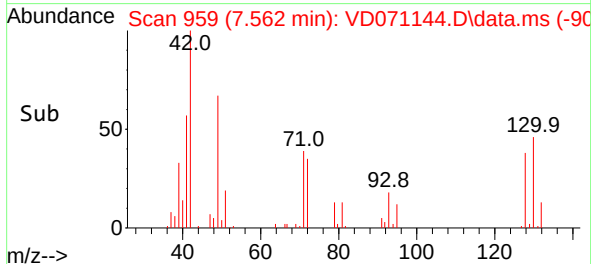
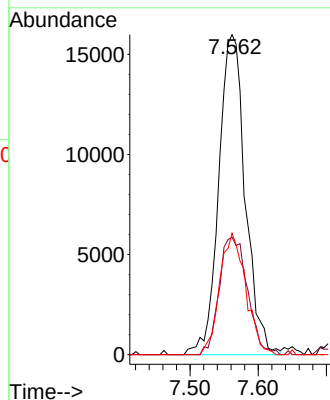
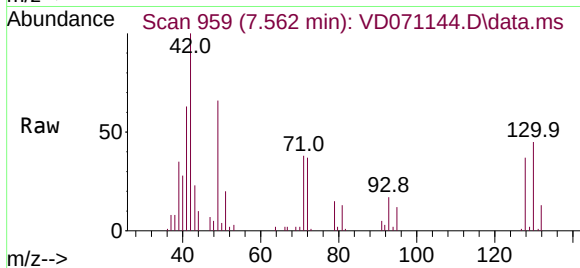
Tgt Ion: 42 Resp: 43326

Ion Ratio Lower Upper

42 100

72 39.0 33.7 50.5

71 37.4 32.7 49.1



#30

Chloroform

Concen: 19.647 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD071144.D

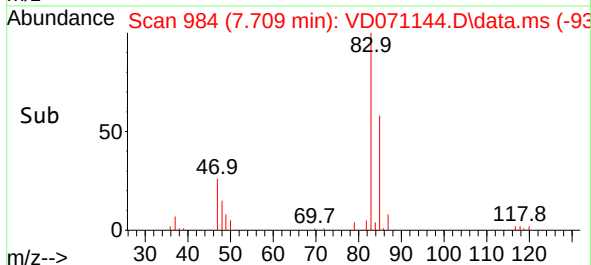
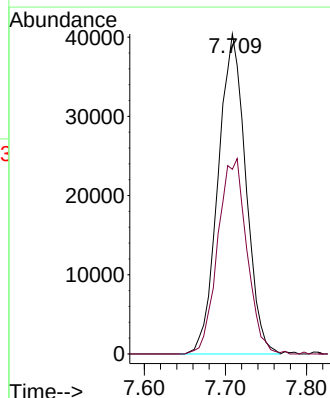
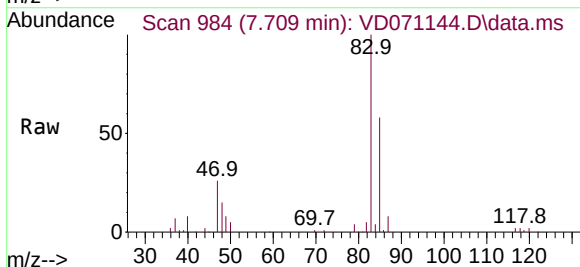
Acq: 04 Dec 2021 15:28

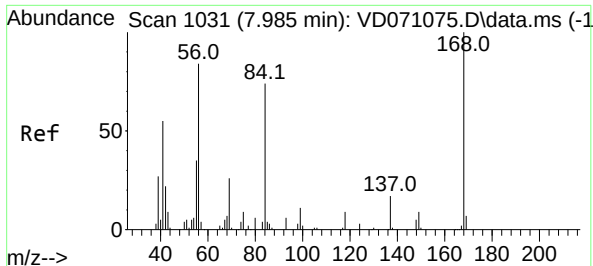
Tgt Ion: 83 Resp: 95653

Ion Ratio Lower Upper

83 100

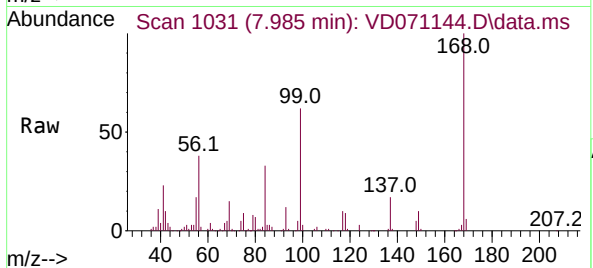
85 57.7 51.0 76.6



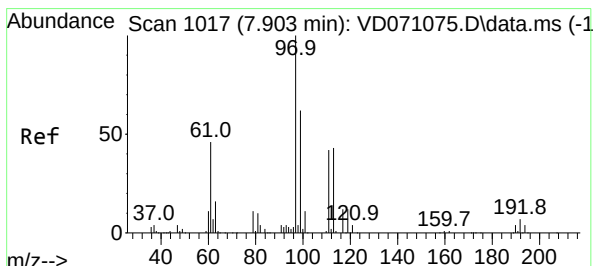
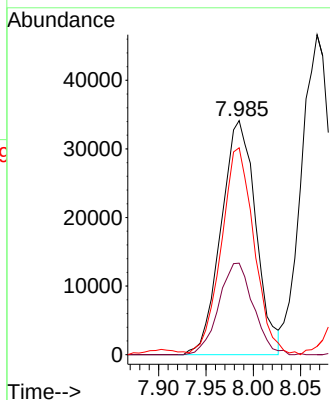
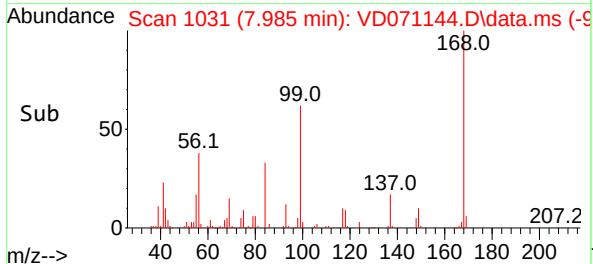


#31  
Cyclohexane  
Concen: 18.293 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

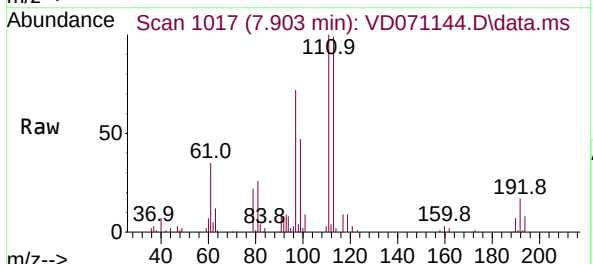
Instrument :  
MSVOA\_D  
ClientSampleId :



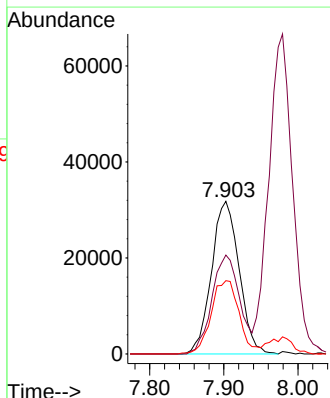
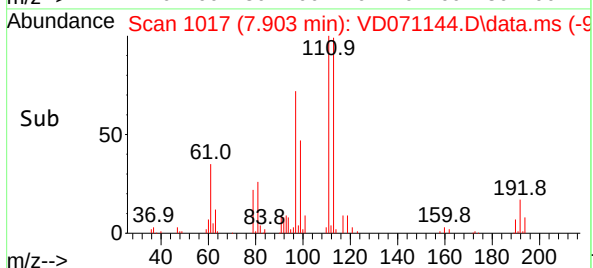
Tgt Ion: 56 Resp: 87168  
Ion Ratio Lower Upper  
56 100  
69 39.1 25.9 38.9#  
84 87.2 64.3 96.5

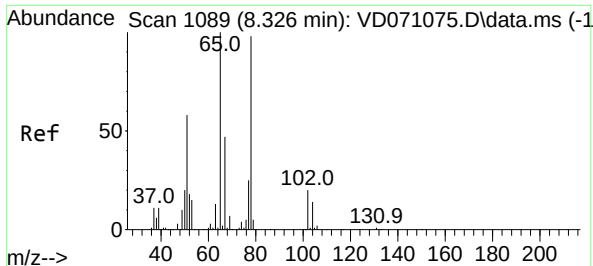


#32  
1,1,1-Trichloroethane  
Concen: 18.804 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28



Tgt Ion: 97 Resp: 82194  
Ion Ratio Lower Upper  
97 100  
99 65.3 50.3 75.5  
61 49.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 48.421 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

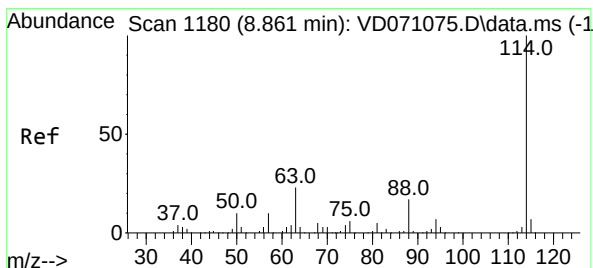
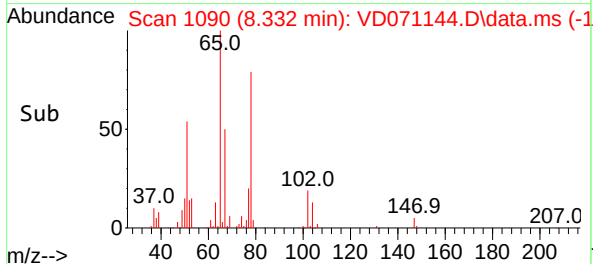
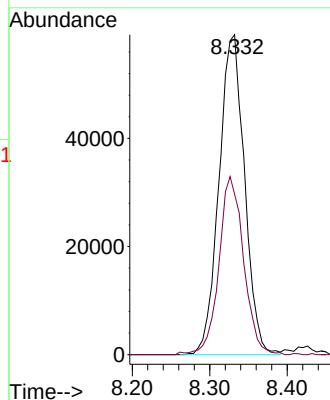
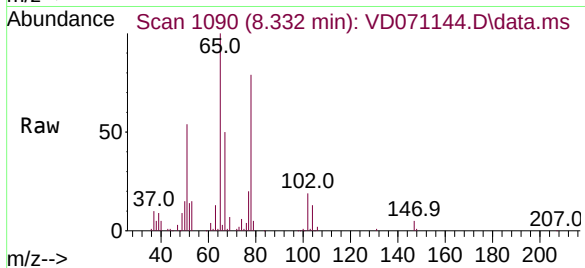
ClientSampleId :

Tgt Ion: 65 Resp: 135641

Ion Ratio Lower Upper

65 100

67 53.9 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: VD071144.D

Acq: 04 Dec 2021 15:28

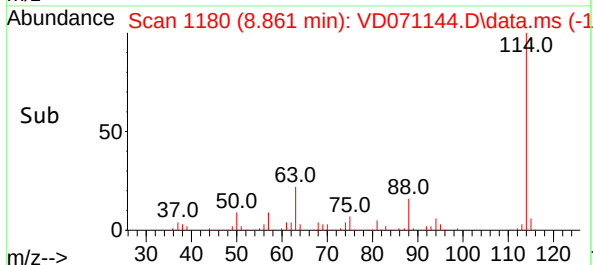
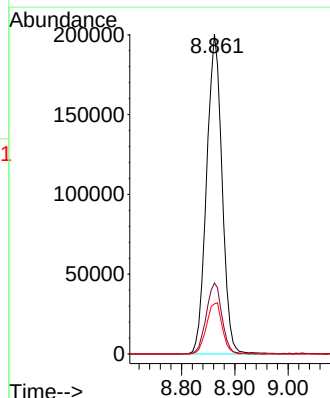
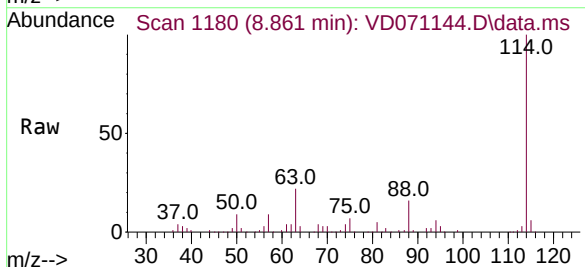
Tgt Ion: 114 Resp: 403414

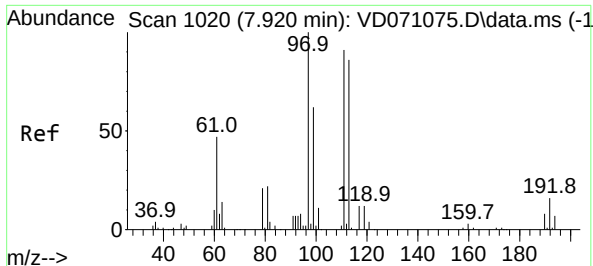
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.338 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

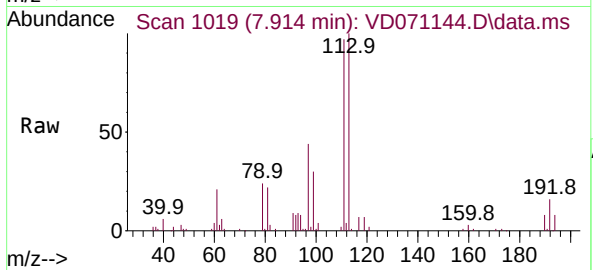
Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

ClientSampleId :



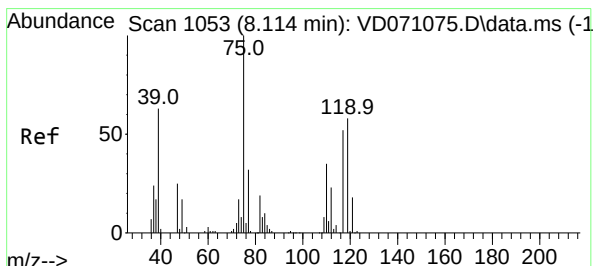
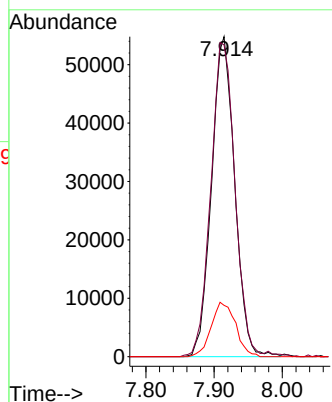
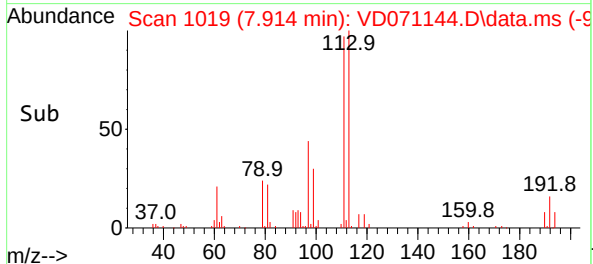
Tgt Ion:113 Resp: 129314

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 19.047 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. -0.005 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

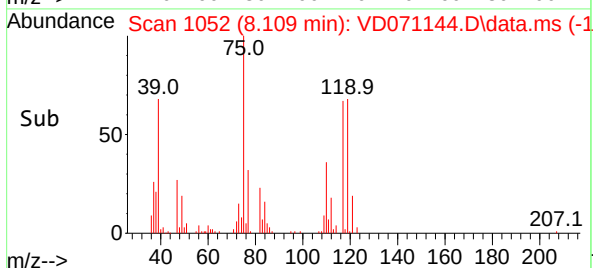
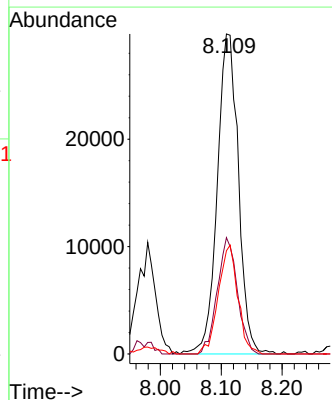
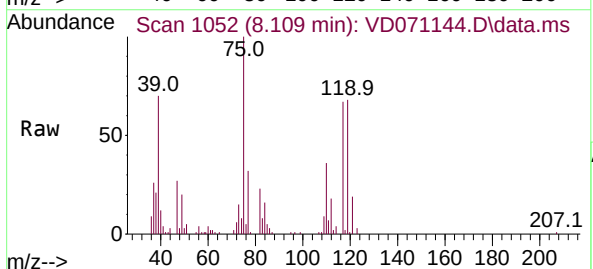
Tgt Ion: 75 Resp: 71815

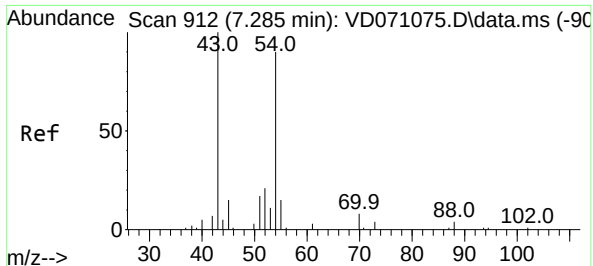
Ion Ratio Lower Upper

75 100

110 34.6 17.8 53.4

77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 18.805 ug/l

RT: 7.297 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

ClientSampleId :

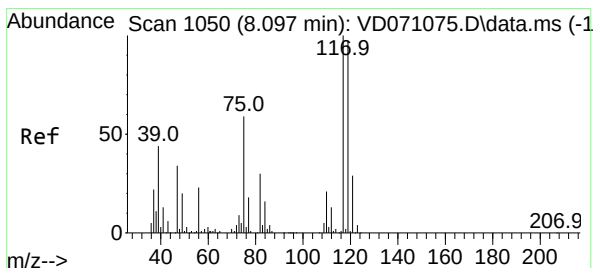
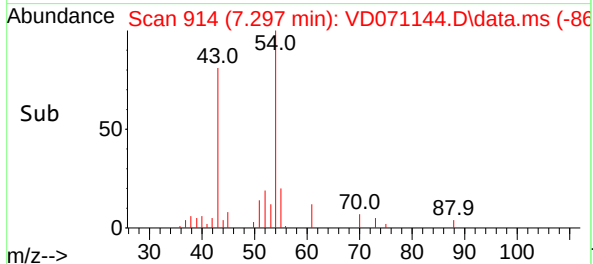
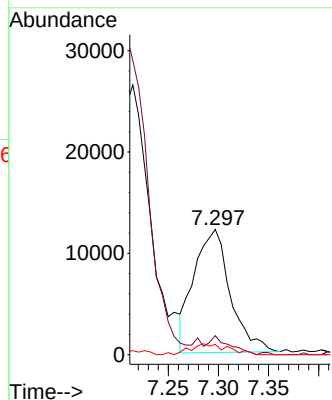
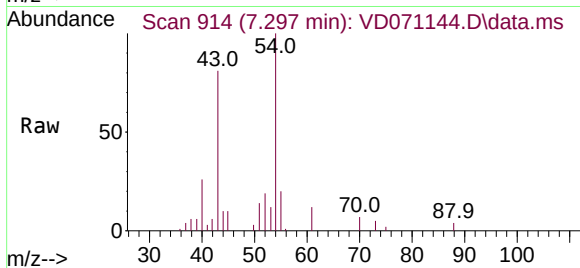
Tgt Ion: 43 Resp: 30628

Ion Ratio Lower Upper

43 100

61 8.6 13.0 19.6#

70 9.2 8.7 13.1



#38

Carbon Tetrachloride

Concen: 18.697 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

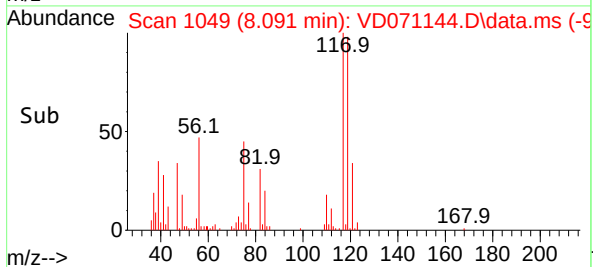
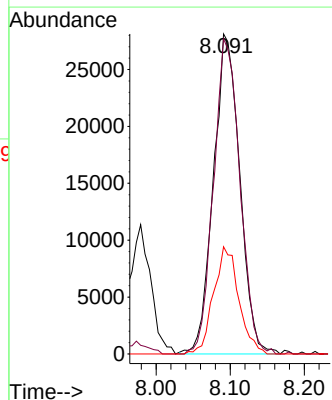
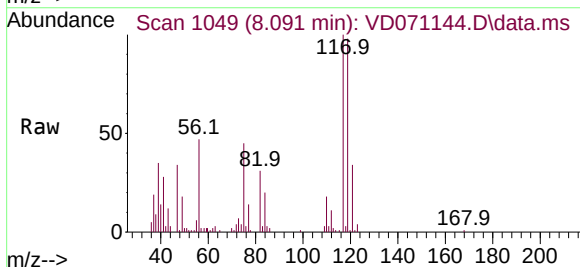
Tgt Ion: 117 Resp: 69490

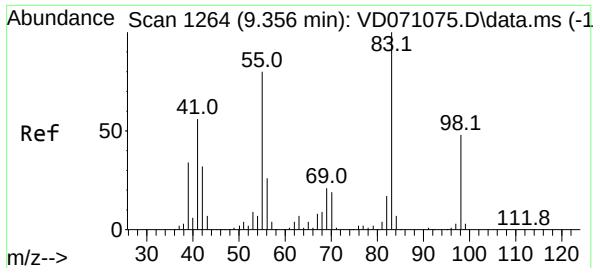
Ion Ratio Lower Upper

117 100

119 98.5 75.8 113.6

121 33.5 23.6 35.4

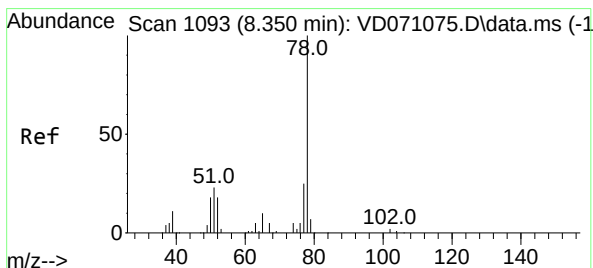
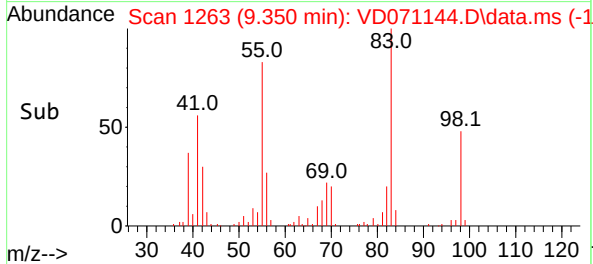
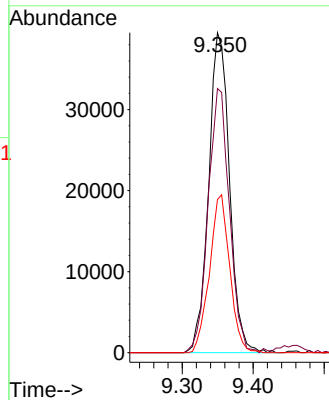
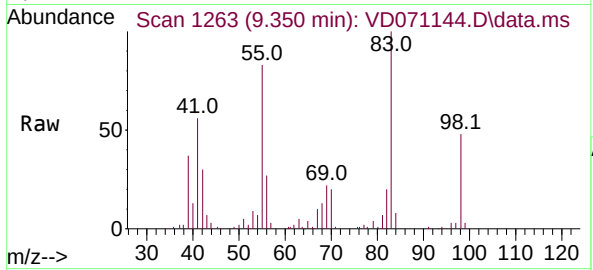




#39  
Methylcyclohexane  
Concen: 17.807 ug/l  
RT: 9.350 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

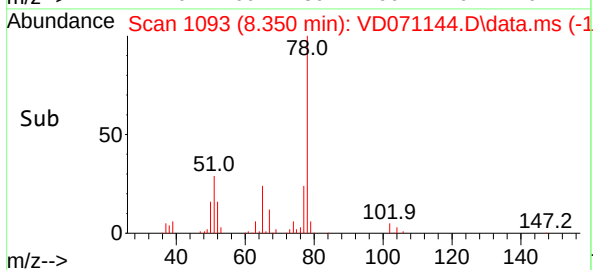
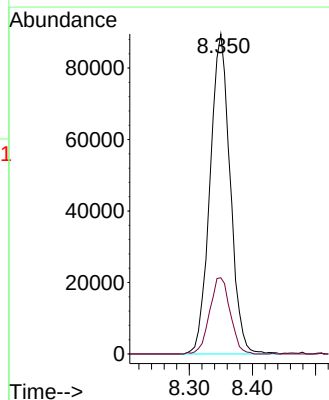
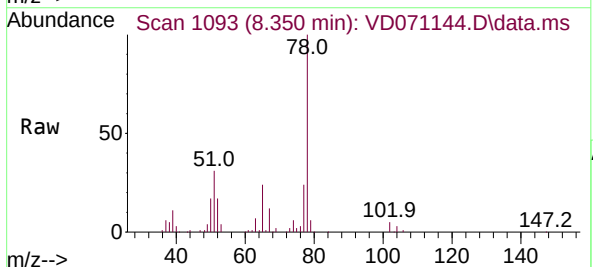
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 83 Resp: 80756  
Ion Ratio Lower Upper  
83 100  
55 82.6 65.8 98.8  
98 47.9 38.7 58.1

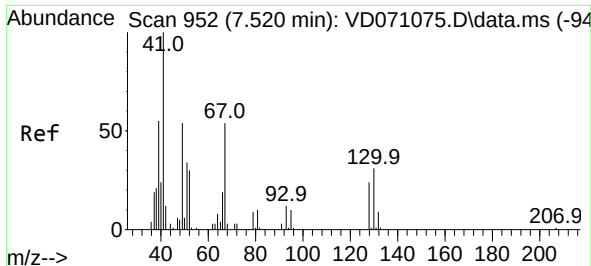


#40  
Benzene  
Concen: 19.344 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 78 Resp: 198109  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.1 28.7

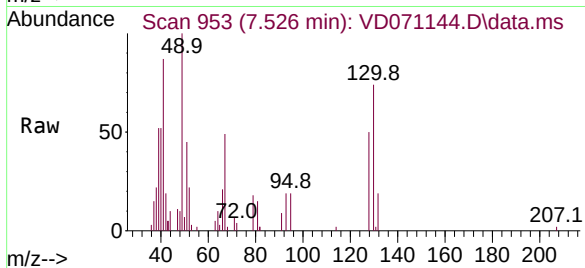




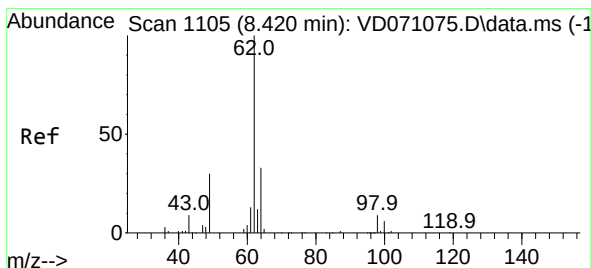
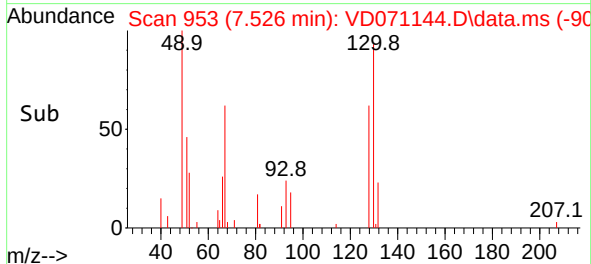
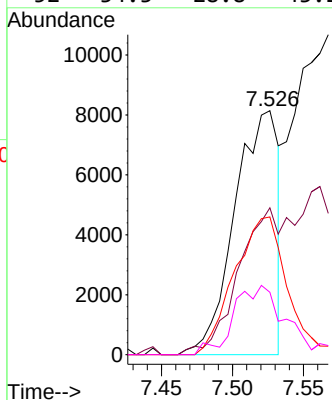


#41  
Methacrylonitrile  
Concen: 23.877 ug/l  
RT: 7.526 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :

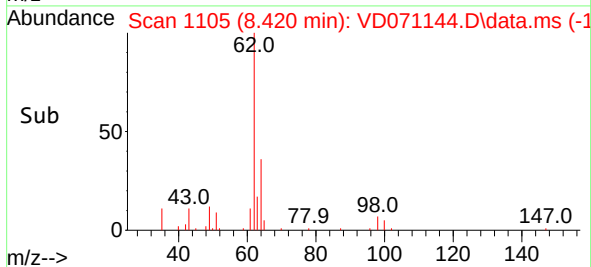
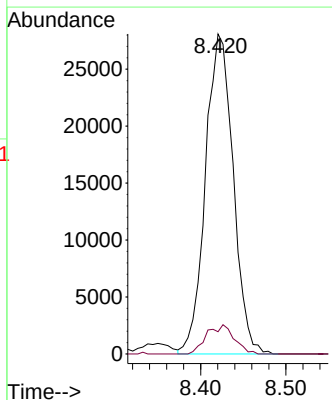
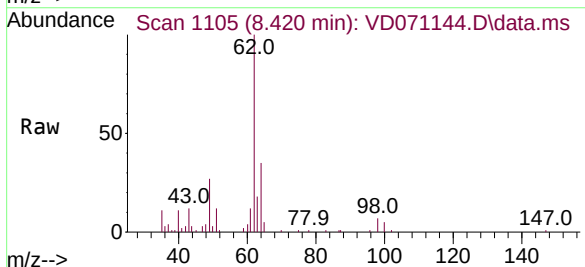


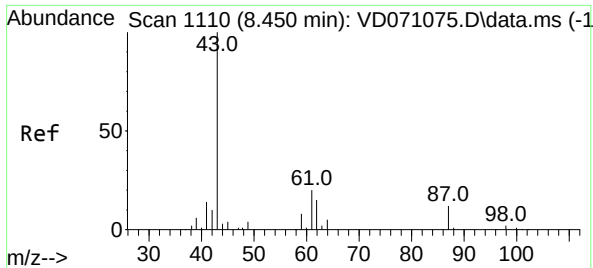
Tgt Ion: 41 Resp: 17455  
Ion Ratio Lower Upper  
41 100  
39 55.3 60.2 90.4#  
67 67.4 74.8 112.2#  
52 34.3 28.8 43.2



#42  
1,2-Dichloroethane  
Concen: 20.305 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 62 Resp: 63476  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 21.8

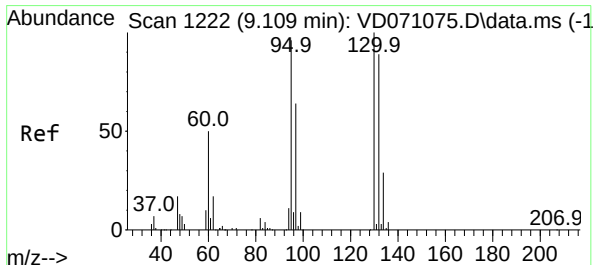
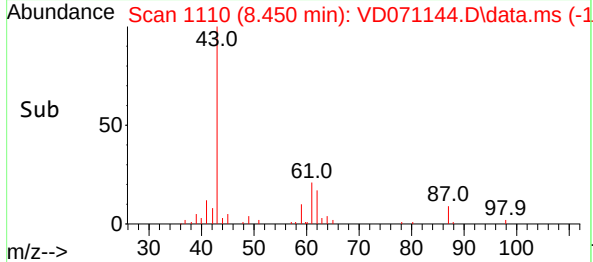
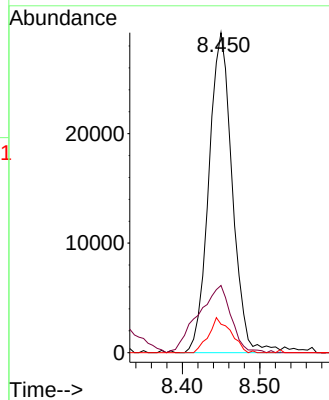
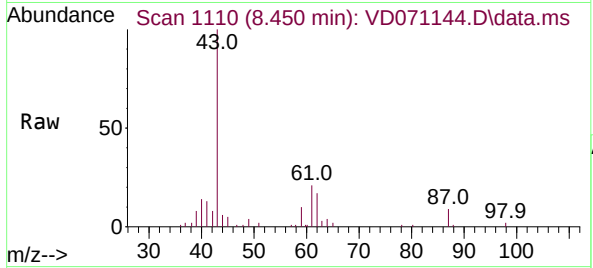




#43  
Isopropyl Acetate  
Concen: 20.587 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

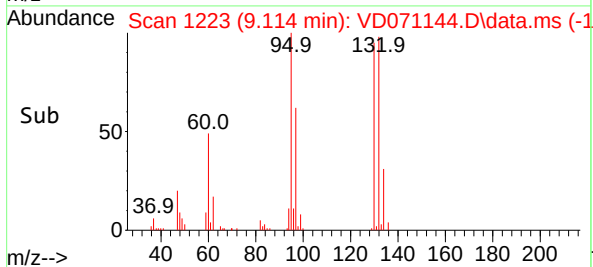
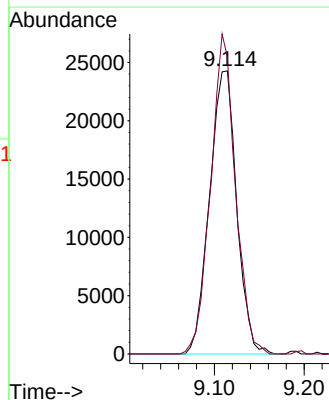
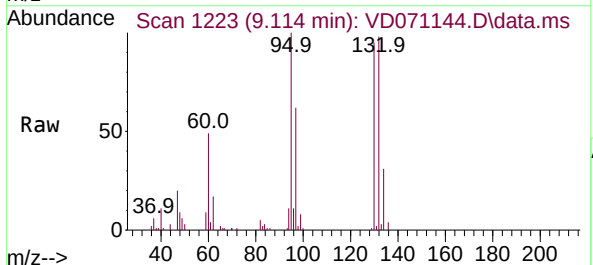
Instrument :  
MSVOA\_D  
ClientSampleId :

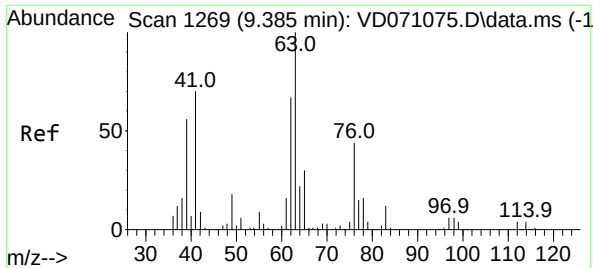
Tgt Ion: 43 Resp: 61482  
Ion Ratio Lower Upper  
43 100  
61 29.5 28.2 42.4  
87 10.3 10.7 16.1#



#44  
Trichloroethene  
Concen: 18.665 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.005 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion:130 Resp: 50967  
Ion Ratio Lower Upper  
130 100  
95 104.8 0.0 193.2





#45

1,2-Dichloropropane

Concen: 19.514 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

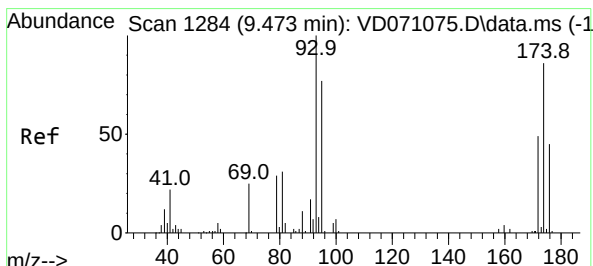
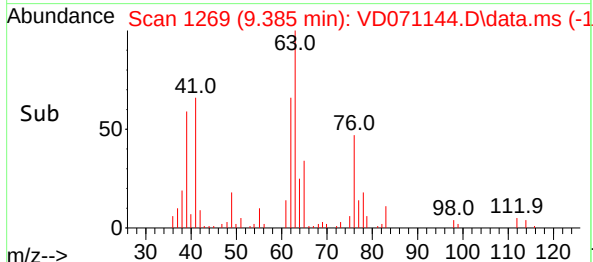
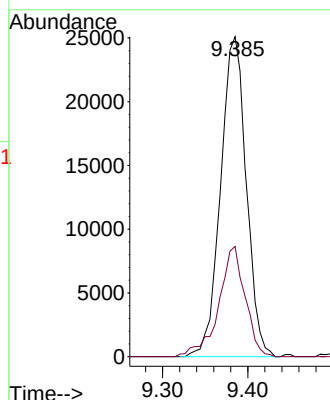
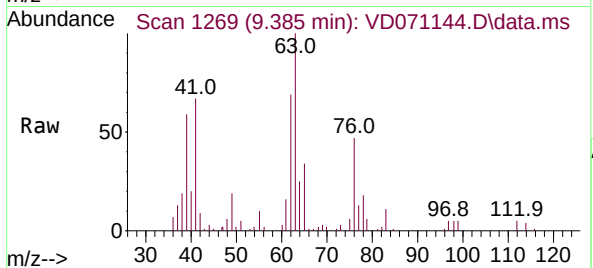
ClientSampleId :

Tgt Ion: 63 Resp: 52557

Ion Ratio Lower Upper

63 100

65 34.5 24.2 36.2



#46

Dibromomethane

Concen: 19.564 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

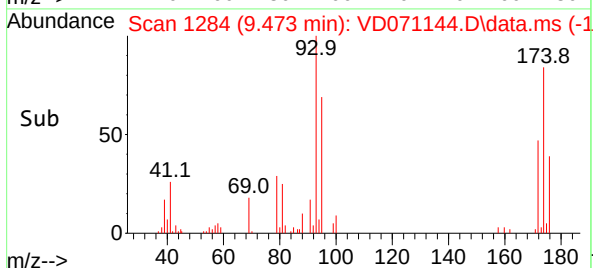
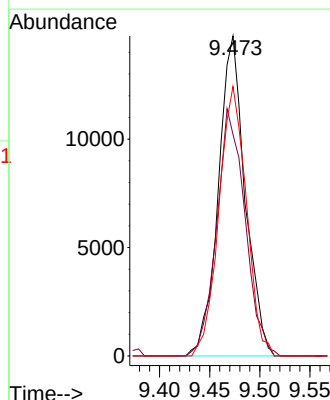
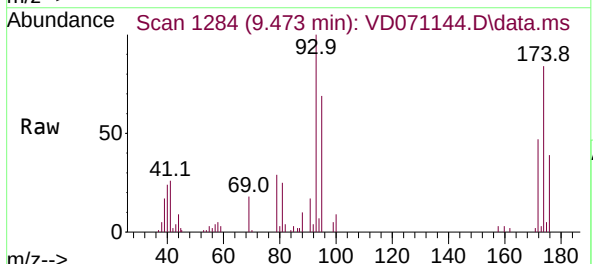
Tgt Ion: 93 Resp: 27338

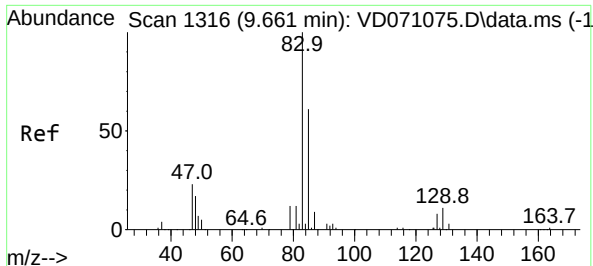
Ion Ratio Lower Upper

93 100

95 82.0 66.1 99.1

174 86.2 78.6 117.8





#47

Bromodichloromethane

Concen: 19.199 ug/l

RT: 9.656 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD071144.D

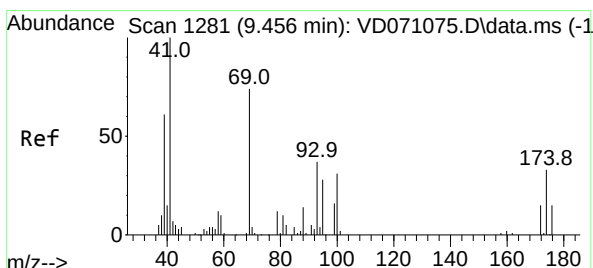
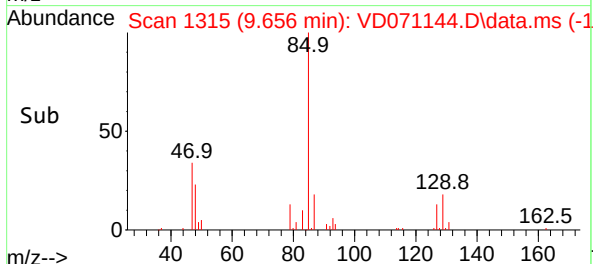
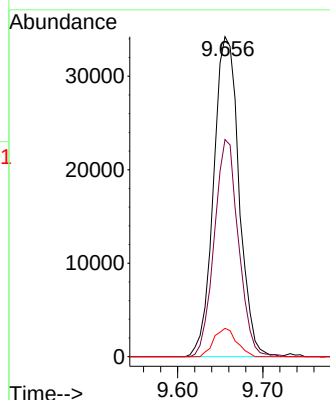
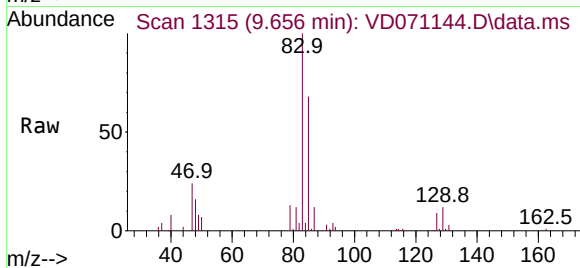
Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 70949 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 67.8     | 50.0 75.0   |
| 127 8.9     | 7.3 10.9    |



#48

Methyl methacrylate

Concen: 19.259 ug/l

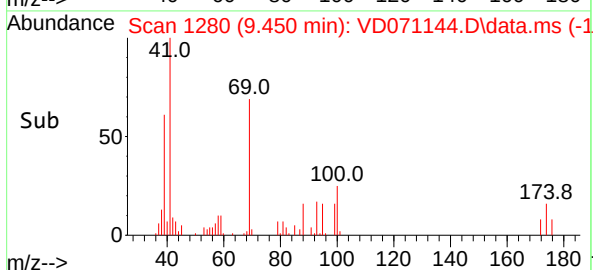
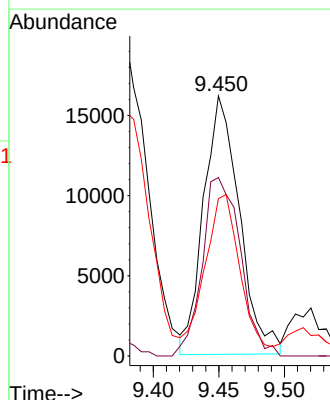
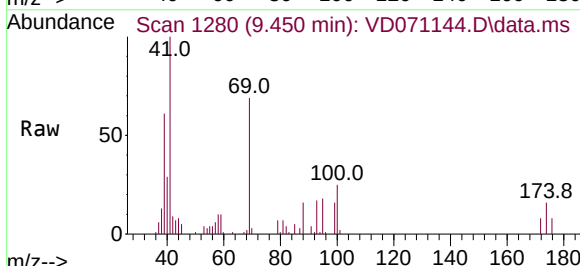
RT: 9.450 min Scan# 1280

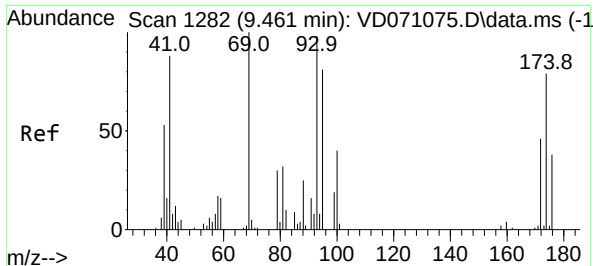
Delta R.T. -0.006 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 30703 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 73.3     | 69.8 104.6  |
| 39 54.2     | 35.6 53.4   |

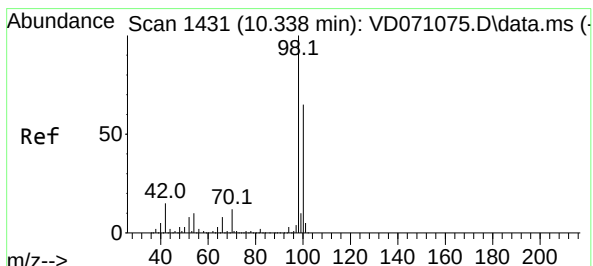
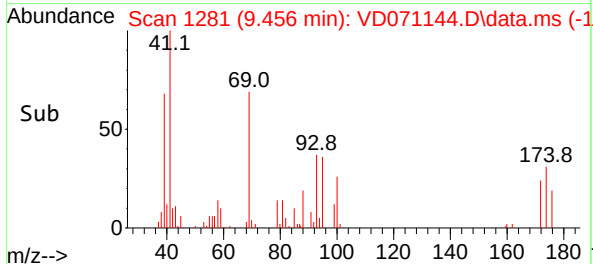
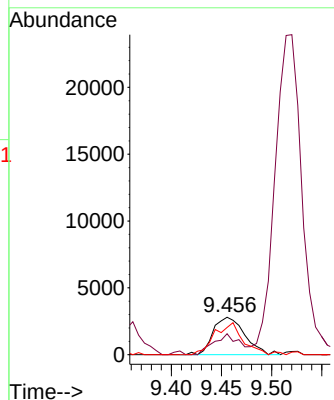
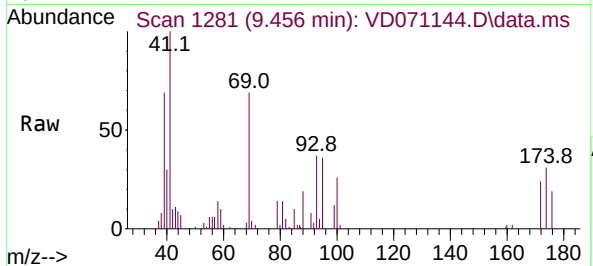




#49  
1,4-Dioxane  
Concen: 456.751 ug/l  
RT: 9.456 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

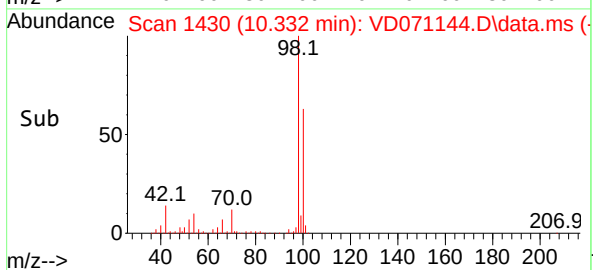
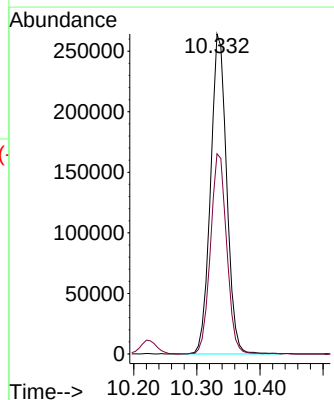
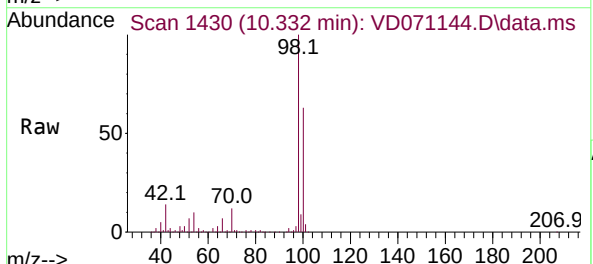
Instrument :  
MSVOA\_D  
ClientSampleId :

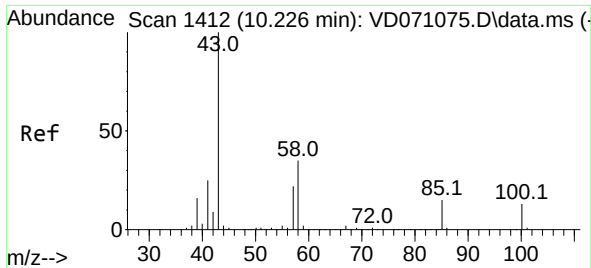
Tgt Ion: 88 Resp: 6161  
Ion Ratio Lower Upper  
88 100  
43 43.2 28.9 43.3  
58 75.5 56.3 84.5



#50  
Toluene-d8  
Concen: 47.831 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 98 Resp: 467592  
Ion Ratio Lower Upper  
98 100  
100 62.9 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 104.474 ug/l

RT: 10.220 min Scan# 1412

Delta R.T. -0.006 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

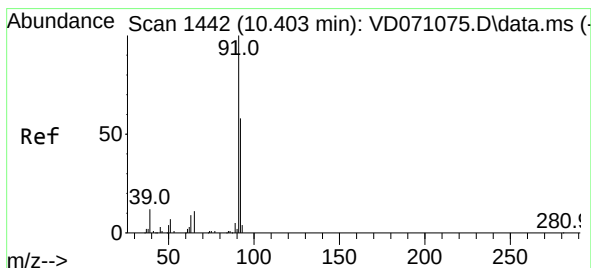
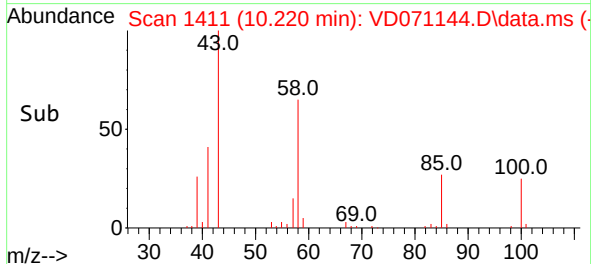
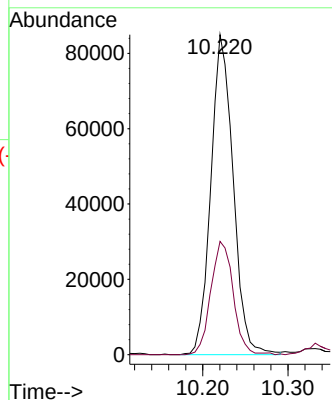
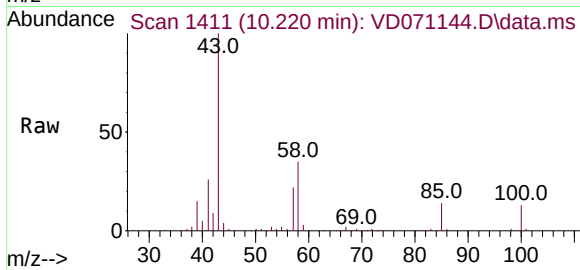
ClientSampleId :

Tgt Ion: 43 Resp: 154524

Ion Ratio Lower Upper

43 100

58 35.5 33.1 49.7



#52

Toluene

Concen: 19.097 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. -0.006 min

Lab File: VD071144.D

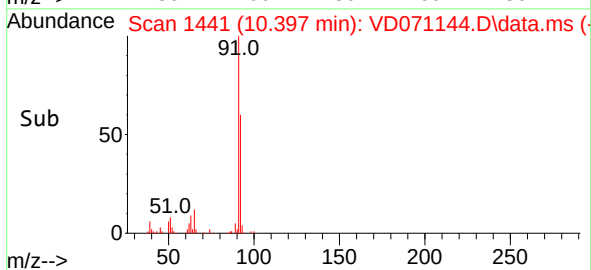
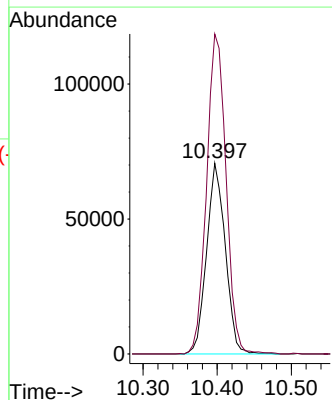
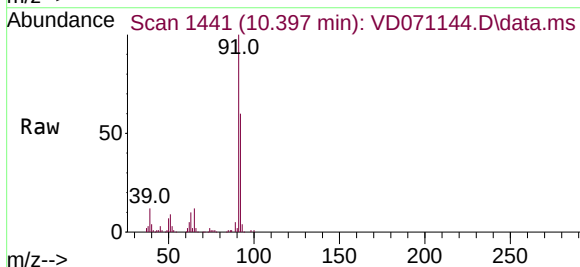
Acq: 04 Dec 2021 15:28

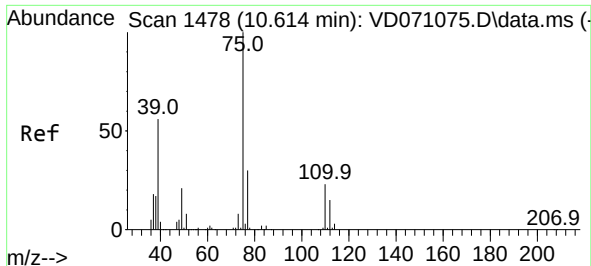
Tgt Ion: 92 Resp: 124093

Ion Ratio Lower Upper

92 100

91 174.1 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 18.331 ug/l

RT: 10.614 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

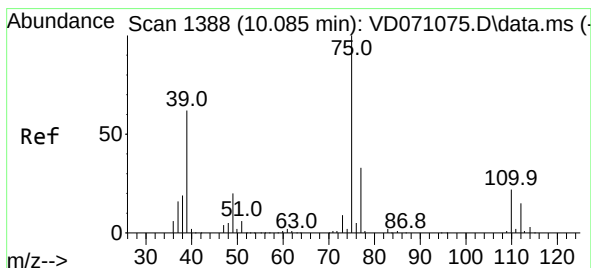
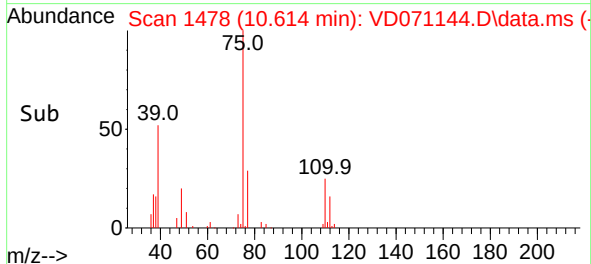
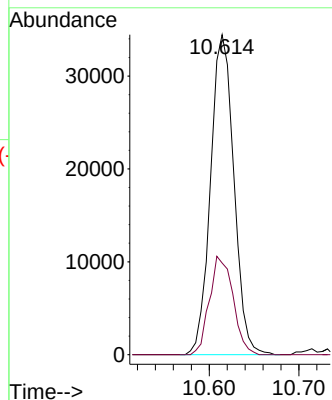
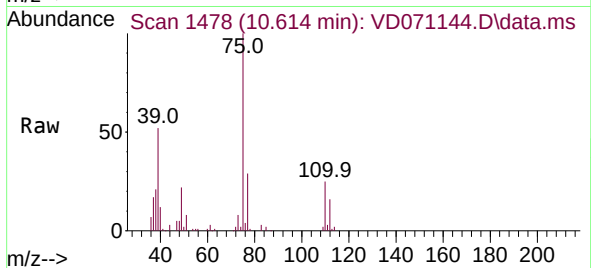
ClientSampleId :

Tgt Ion: 75 Resp: 62283

Ion Ratio Lower Upper

75 100

77 28.7 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 18.462 ug/l

RT: 10.085 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

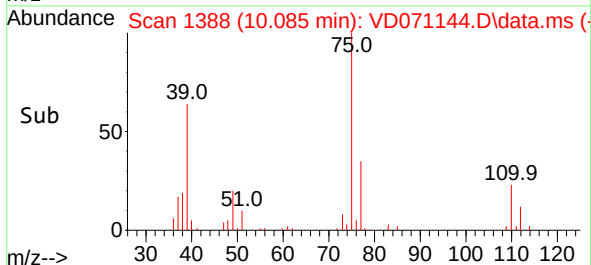
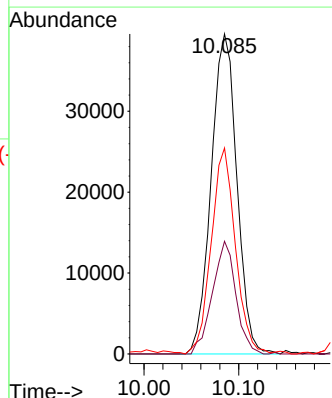
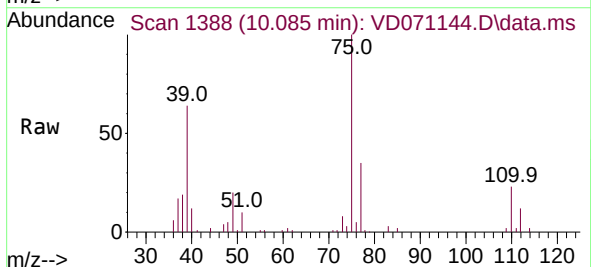
Tgt Ion: 75 Resp: 74508

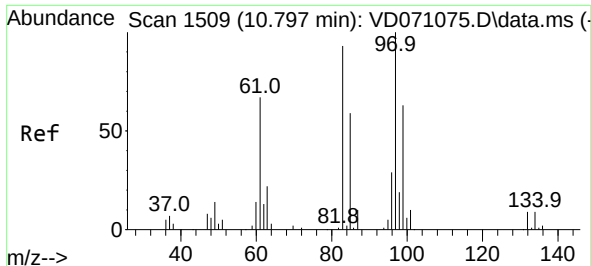
Ion Ratio Lower Upper

75 100

77 35.2 25.0 37.6

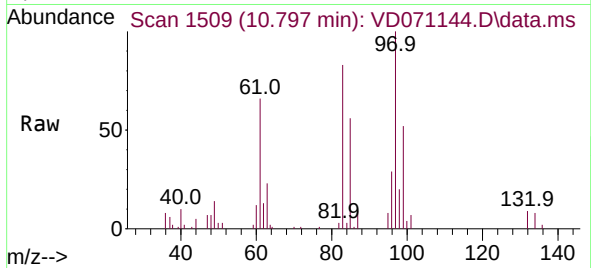
39 63.9 31.6 47.4#





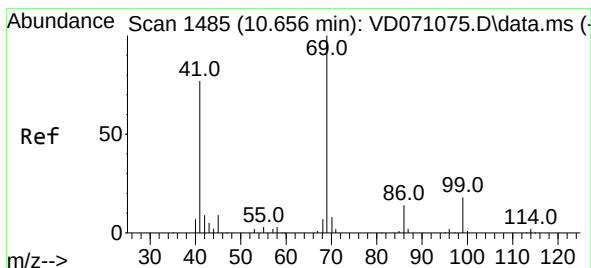
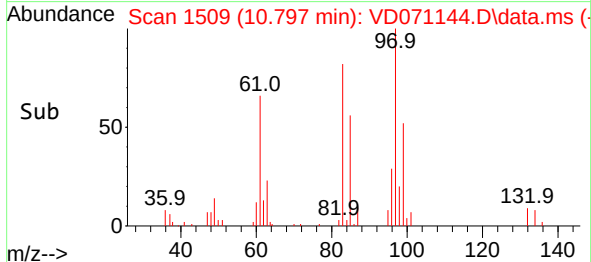
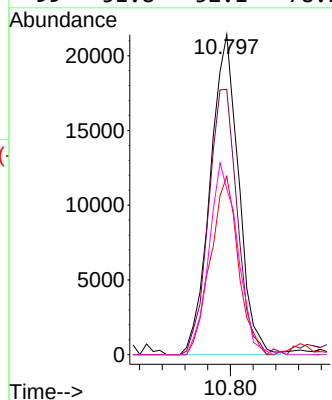
#55  
1,1,2-Trichloroethane  
Concen: 20.307 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 97 Resp: 37225

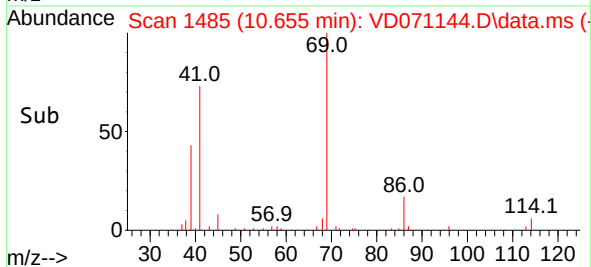
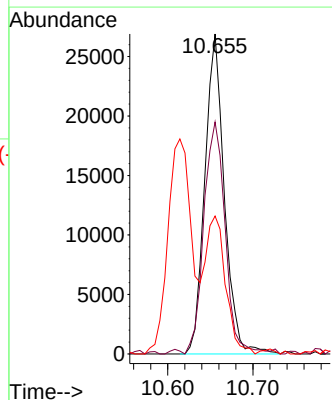
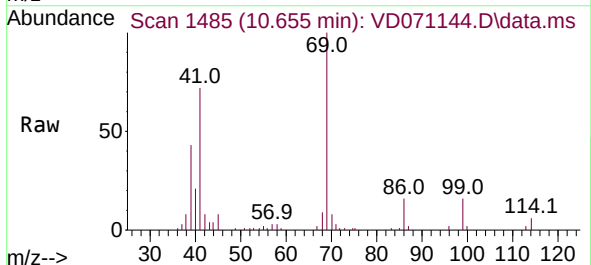
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.9  | 65.2  | 97.8  |
| 85  | 55.7  | 43.4  | 65.0  |
| 99  | 51.8  | 52.1  | 78.1# |



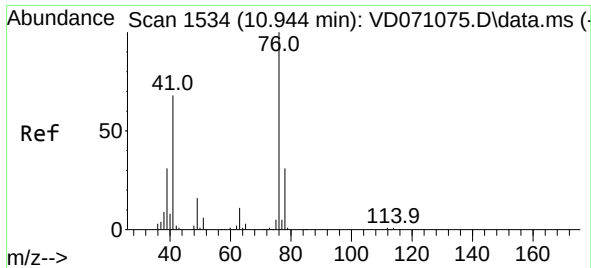
#56  
Ethyl methacrylate  
Concen: 20.287 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.001 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 69 Resp: 42905

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 79.6  | 50.2  | 75.2# |
| 39  | 43.9  | 19.8  | 29.8# |



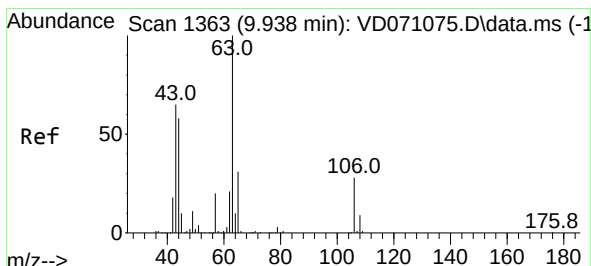
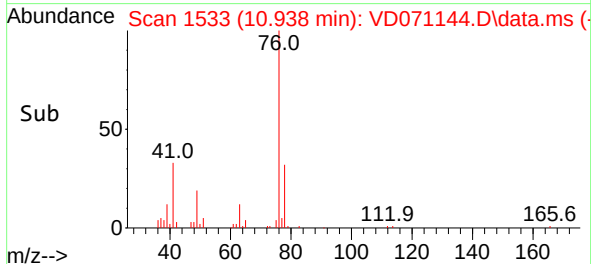
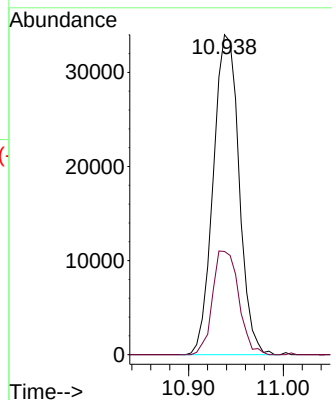
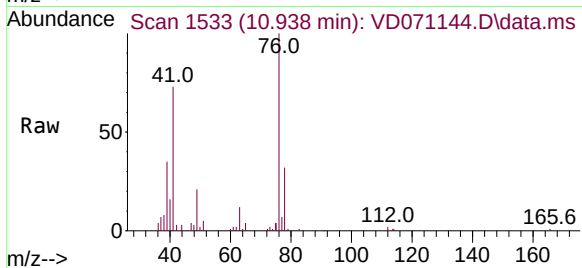




#57  
1,3-Dichloropropane  
Concen: 20.008 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

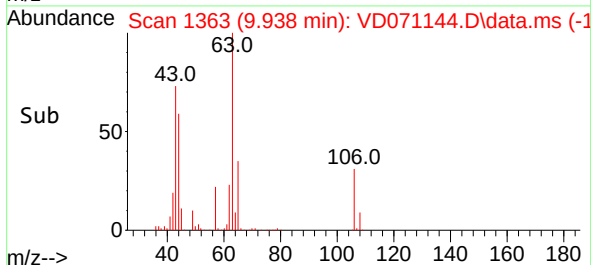
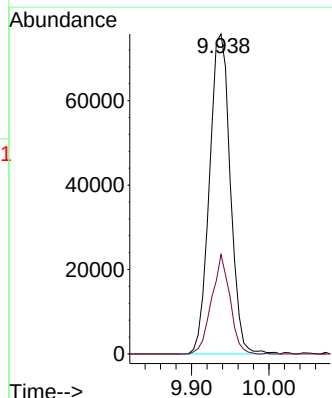
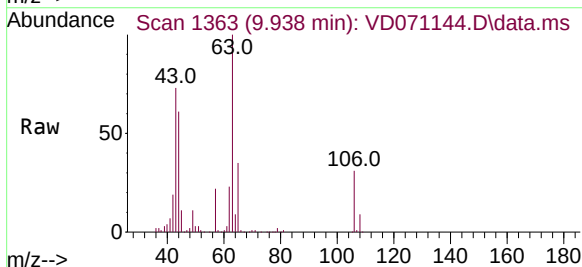
Instrument :  
MSVOA\_D  
ClientSampleId :

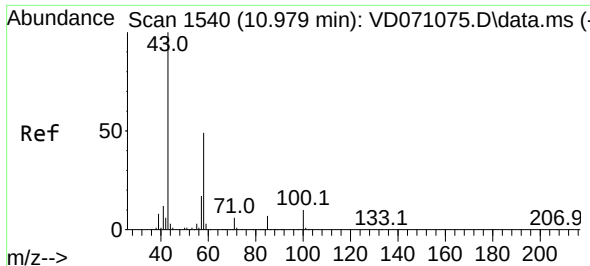
Tgt Ion: 76 Resp: 64431  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 113.263 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 63 Resp: 141285  
Ion Ratio Lower Upper  
63 100  
106 27.5 21.0 31.4

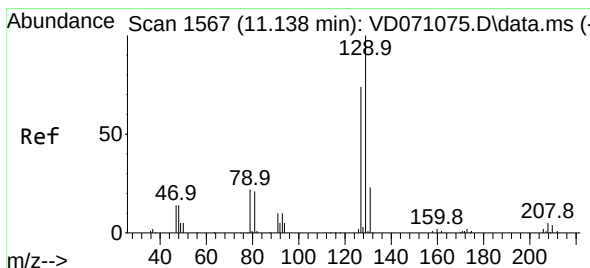
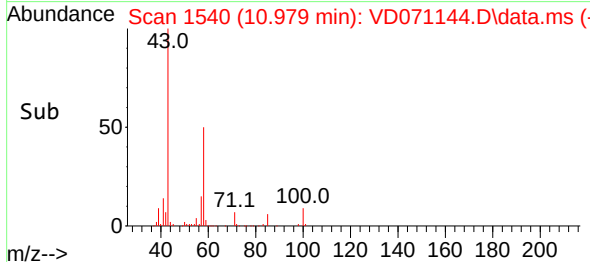
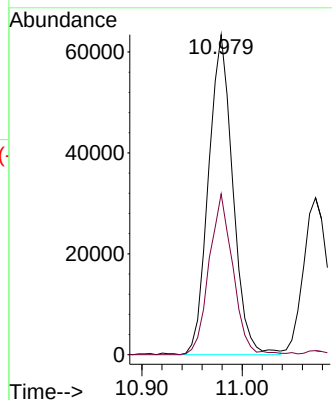
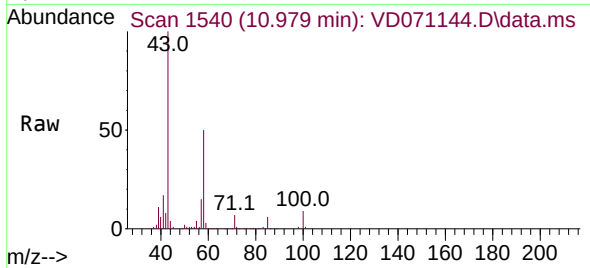




#59  
2-Hexanone  
Concen: 101.041 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

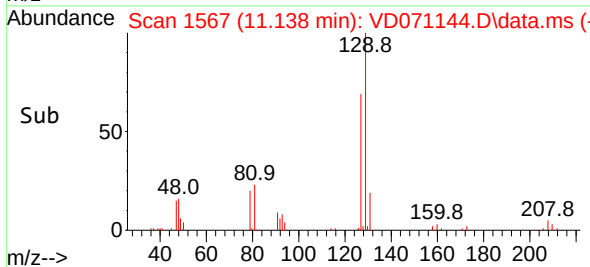
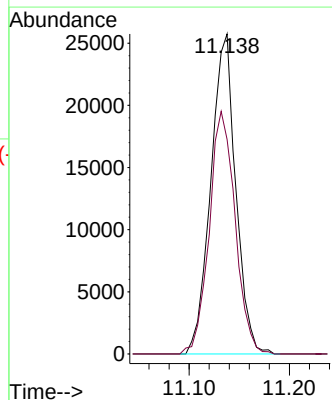
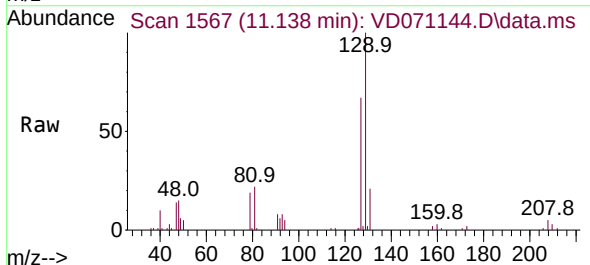
Instrument :  
MSVOA\_D  
ClientSampleId :

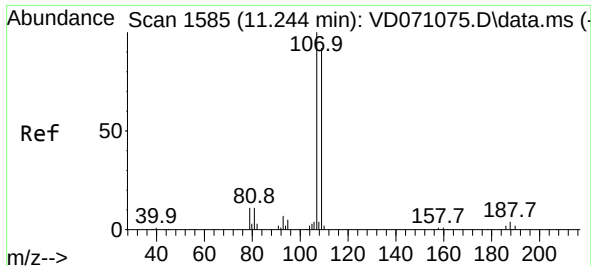
Tgt Ion: 43 Resp: 106742  
Ion Ratio Lower Upper  
43 100  
58 49.2 28.7 86.1



#60  
Dibromochloromethane  
Concen: 19.499 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 129 Resp: 44424  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.9 116.6

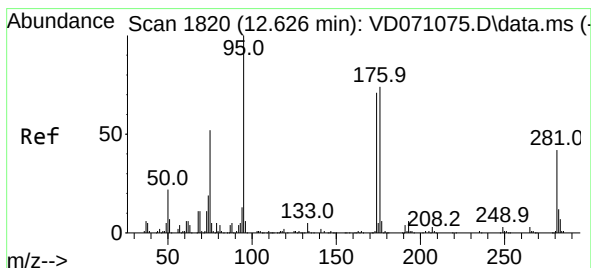
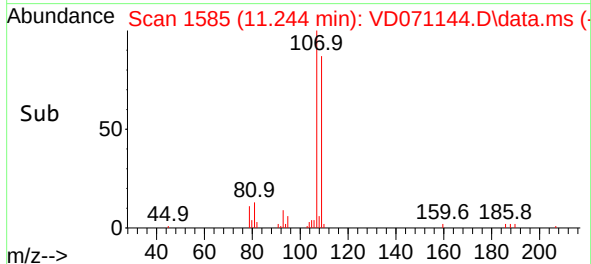
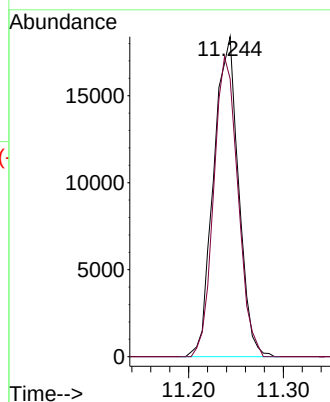
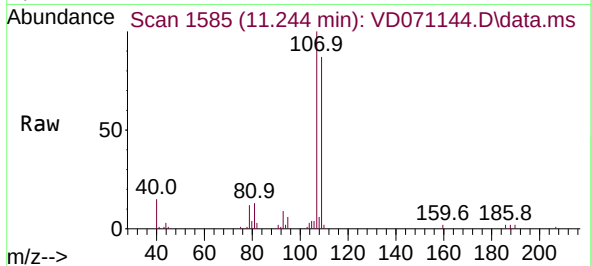




#61  
1,2-Dibromoethane  
Concen: 19.067 ug/l  
RT: 11.244 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

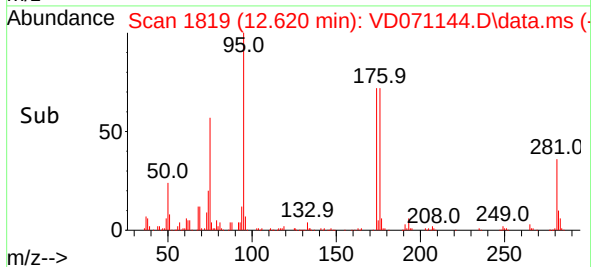
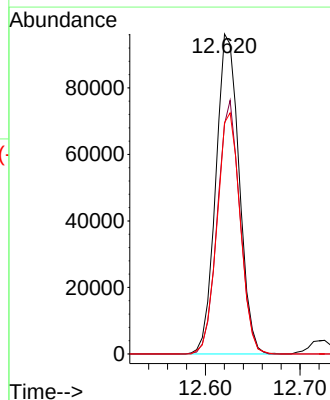
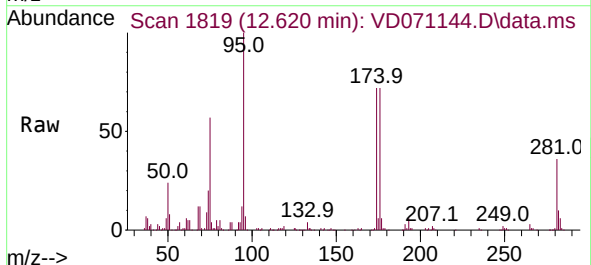
Instrument :  
MSVOA\_D  
ClientSampleId :

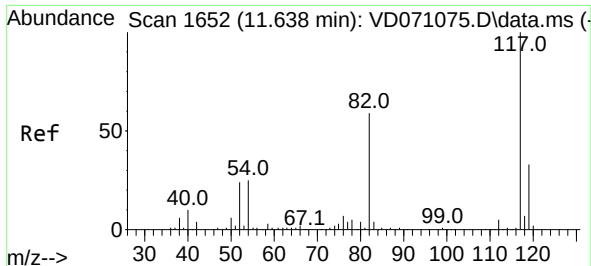
Tgt Ion:107 Resp: 33568  
Ion Ratio Lower Upper  
107 100  
109 91.3 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 48.621 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 95 Resp: 164764  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 159.4  
176 74.8 0.0 154.0

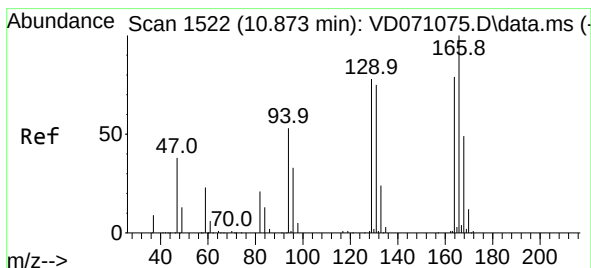
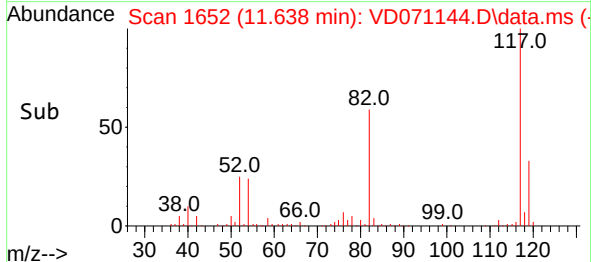
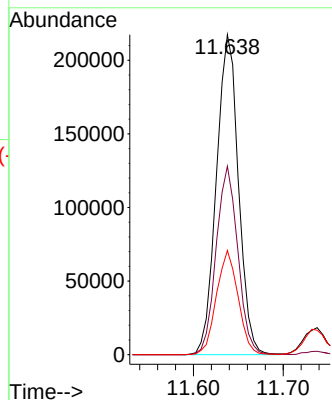
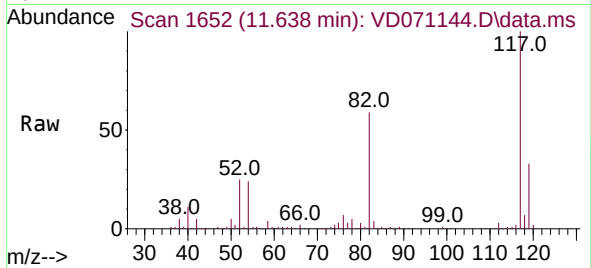




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 11705  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

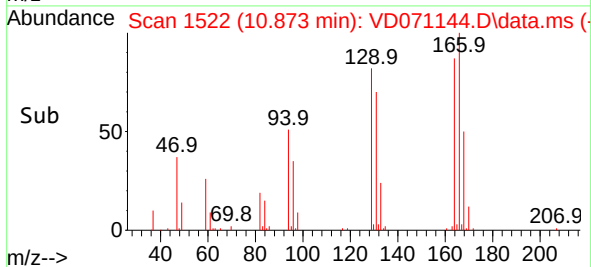
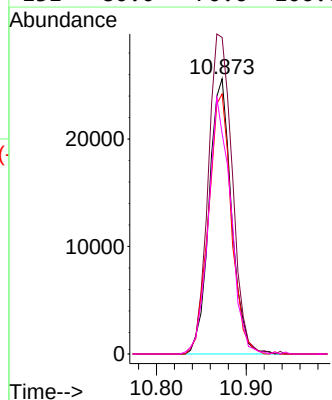
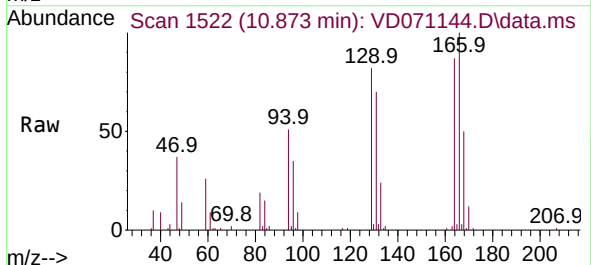
Instrument :  
MSVOA\_D  
ClientSampleId :

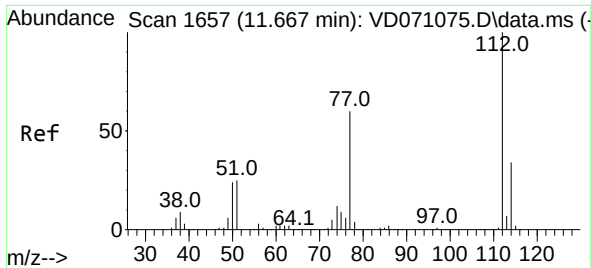
Tgt Ion:117 Resp: 371705  
Ion Ratio Lower Upper  
117 100  
82 58.8 44.7 67.1  
119 32.6 26.2 39.4



#64  
Tetrachloroethene  
Concen: 18.764 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

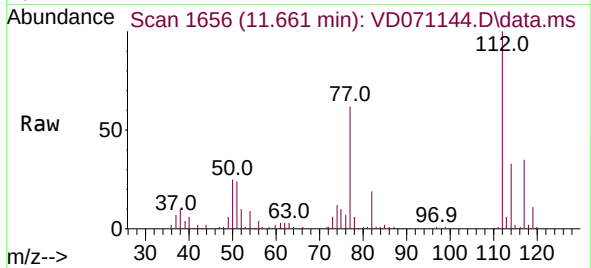
Tgt Ion:164 Resp: 44278  
Ion Ratio Lower Upper  
164 100  
166 115.0 102.6 153.8  
129 94.5 75.4 113.0  
131 80.0 70.6 106.0



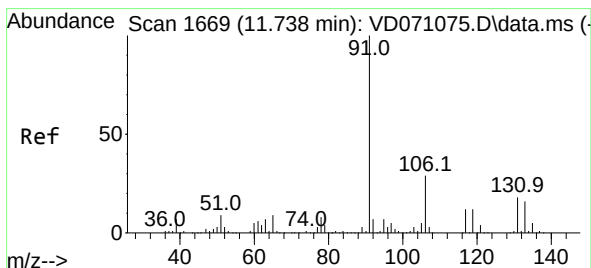
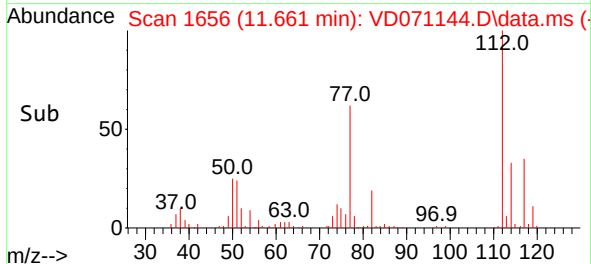
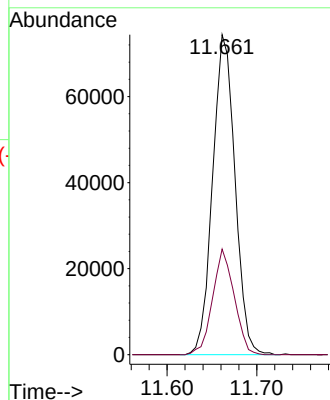


#65  
Chlorobenzene  
Concen: 18.685 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :

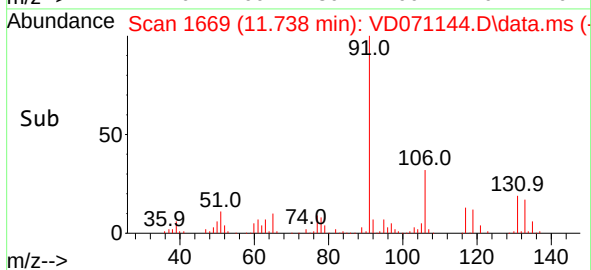
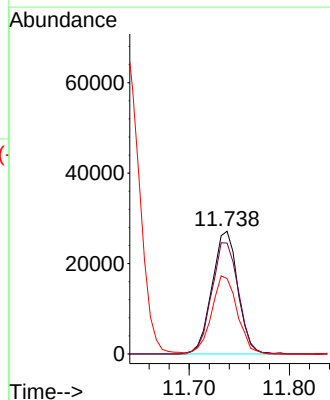
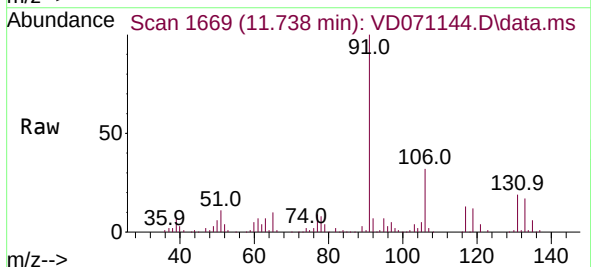


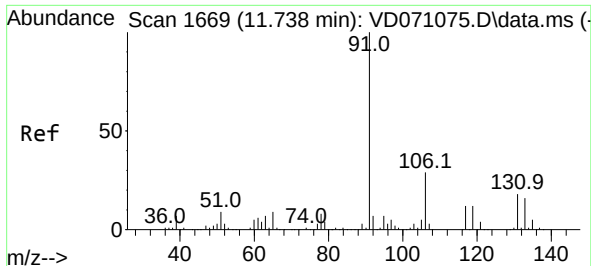
Tgt Ion:112 Resp: 128866  
Ion Ratio Lower Upper  
112 100  
114 33.0 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.238 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion:131 Resp: 48444  
Ion Ratio Lower Upper  
131 100  
133 94.1 48.0 144.0  
119 63.2 33.5 100.4





#67

Ethyl Benzene

Concen: 18.137 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

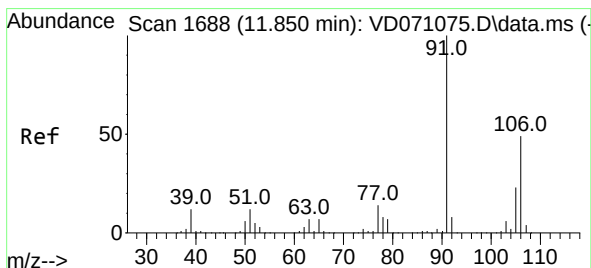
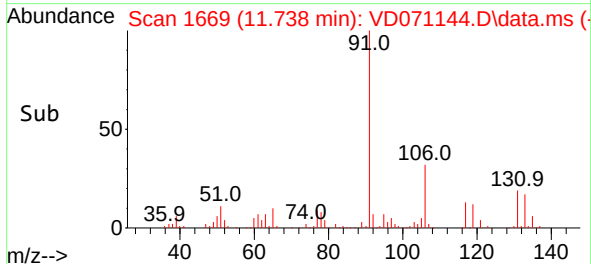
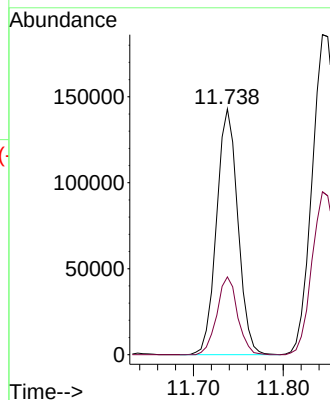
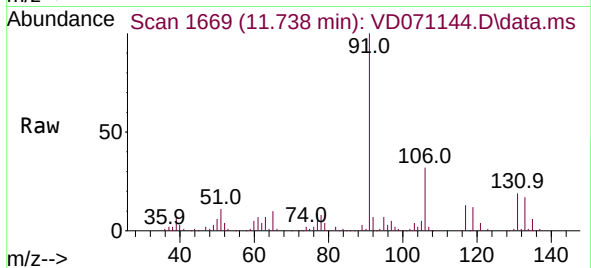
ClientSampleId :

Tgt Ion: 91 Resp: 235481

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 37.285 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD071144.D

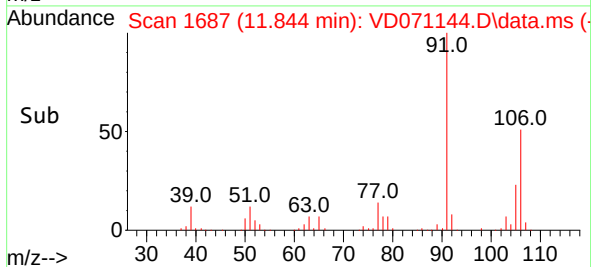
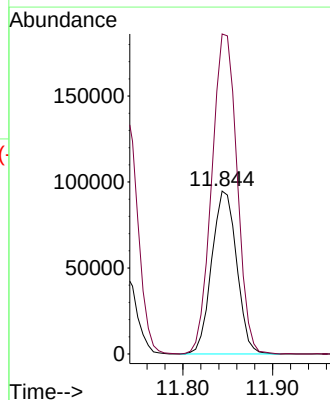
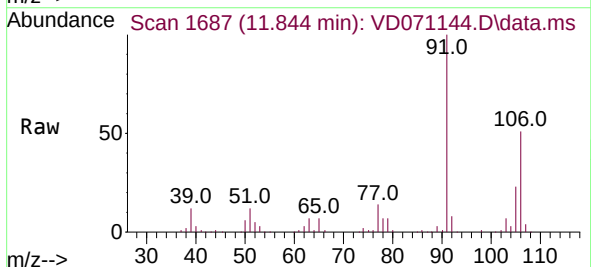
Acq: 04 Dec 2021 15:28

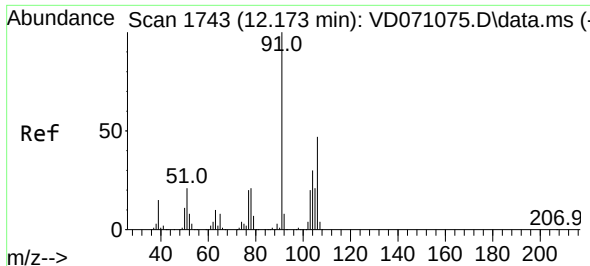
Tgt Ion:106 Resp: 182755

Ion Ratio Lower Upper

106 100

91 199.3 160.1 240.1

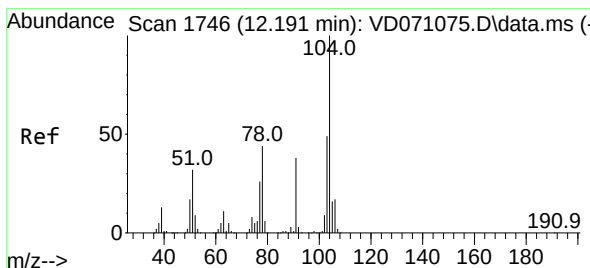
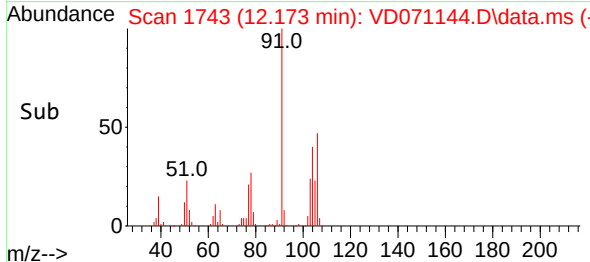
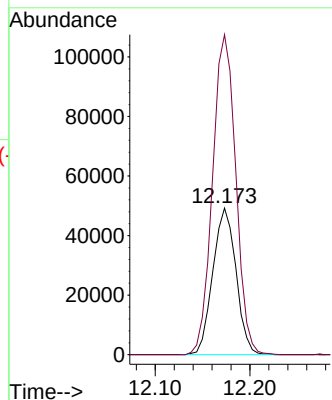
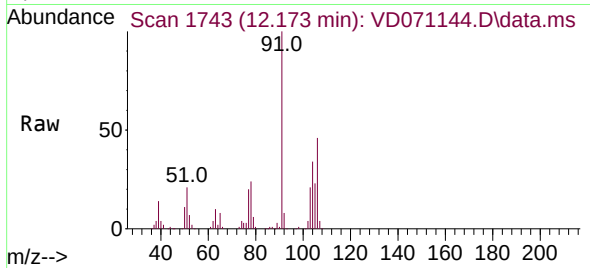




#69  
o-Xylene  
Concen: 18.192 ug/l  
RT: 12.173 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

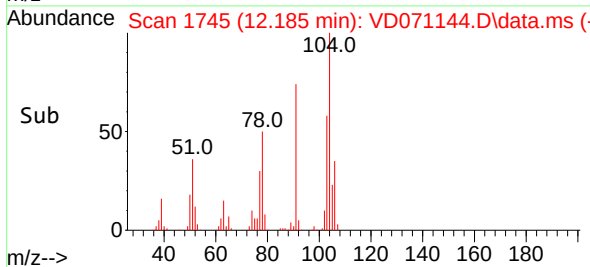
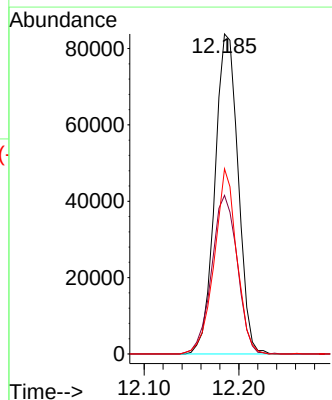
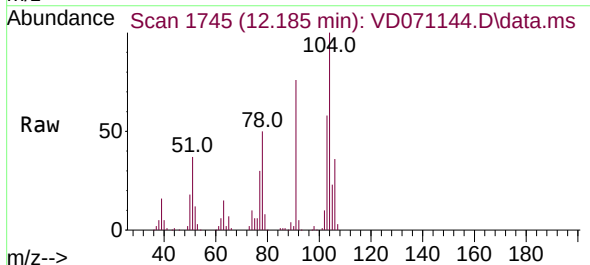
Instrument :  
MSVOA\_D  
ClientSampleId :

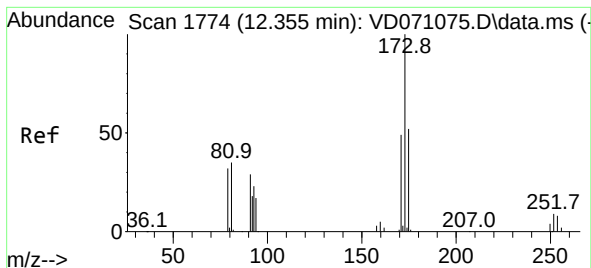
Tgt Ion:106 Resp: 83808  
Ion Ratio Lower Upper  
106 100  
91 219.2 106.3 319.0



#70  
Styrene  
Concen: 18.410 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion:104 Resp: 142944  
Ion Ratio Lower Upper  
104 100  
78 54.7 39.4 59.0  
103 56.0 43.4 65.0





#71

Bromoform

Concen: 19.163 ug/l

RT: 12.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD071144.D

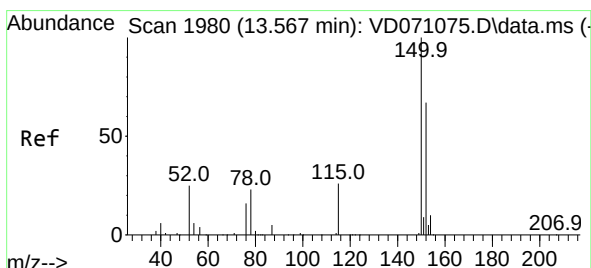
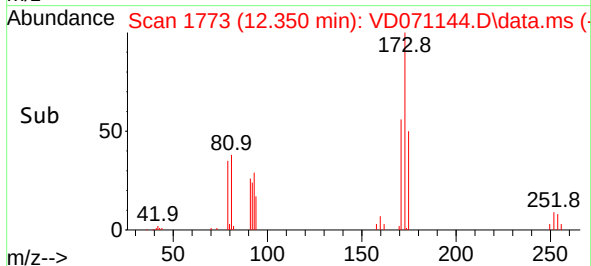
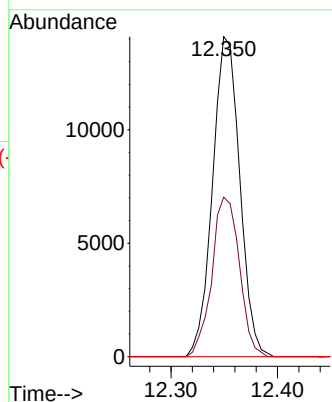
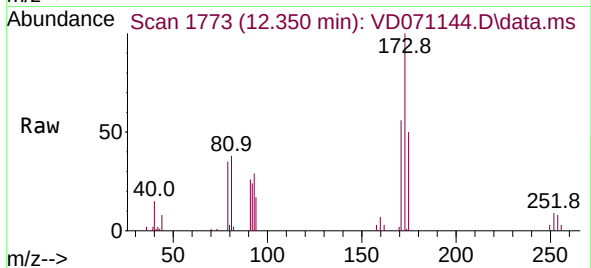
Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 24999     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 50.5  | 24.1 72.2 |
| 254         | 0.0   | 0.1 0.1#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

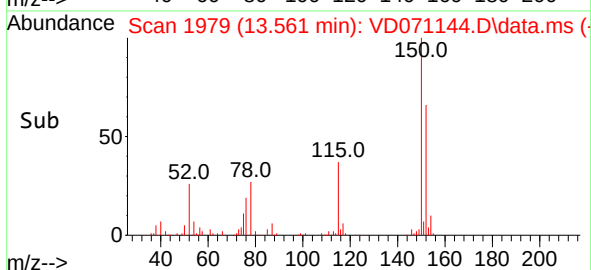
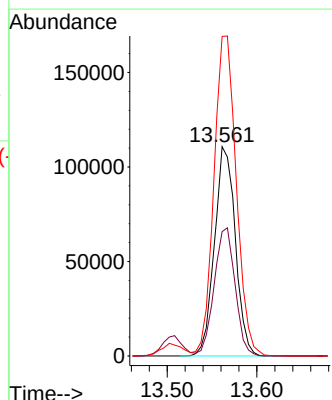
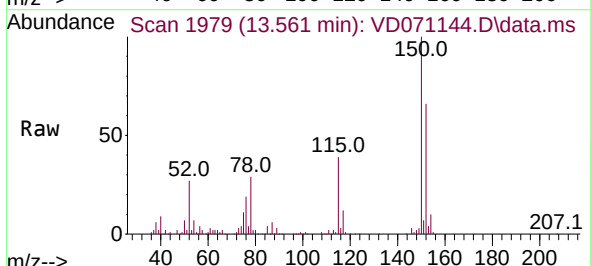
RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

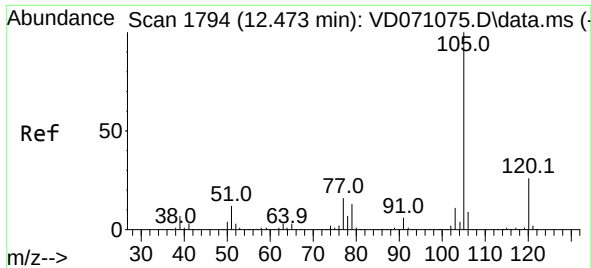
Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 179016    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 61.2  | 29.8 89.3 |
| 150         | 163.7 | 0.0 349.2 |



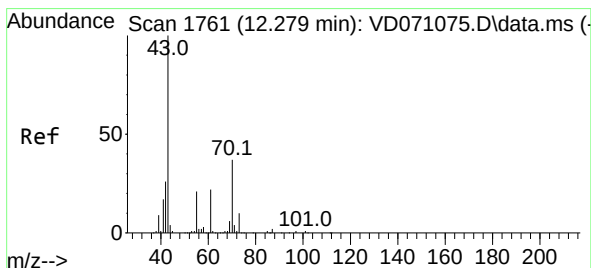
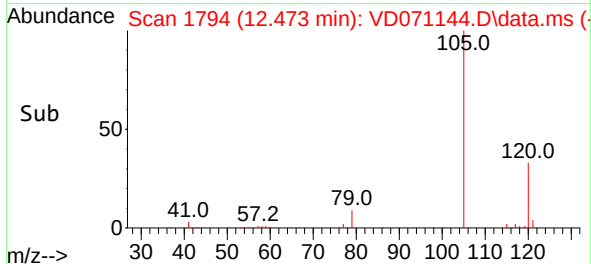
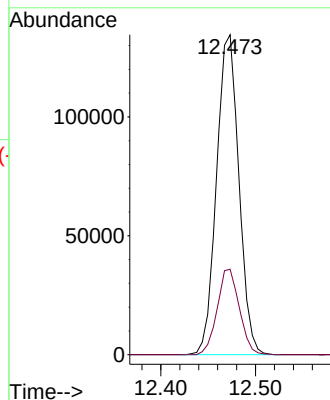
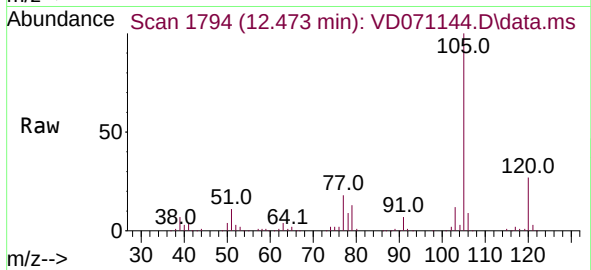




#73  
Isopropylbenzene  
Concen: 17.025 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

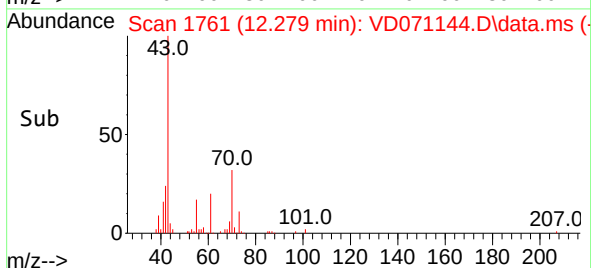
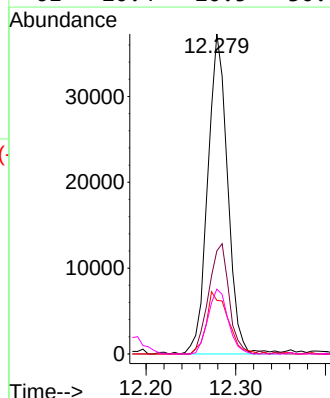
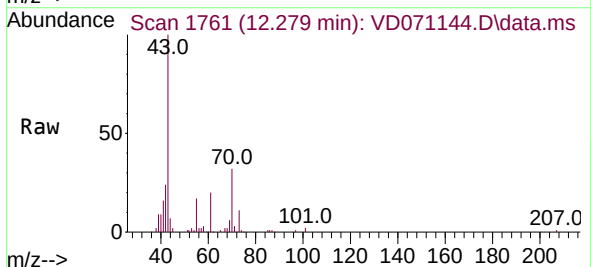
Instrument :  
MSVOA\_D  
ClientSampleId :

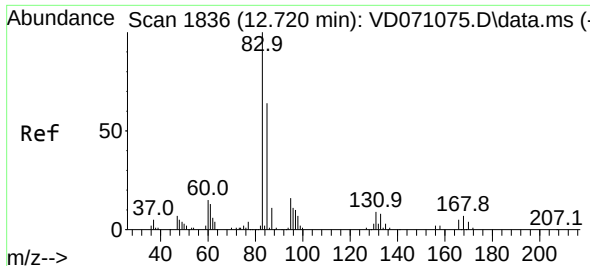
Tgt Ion:105 Resp: 220677  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.5



#74  
N-ethyl acetate  
Concen: 20.032 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 43 Resp: 57405  
Ion Ratio Lower Upper  
43 100  
70 35.1 36.6 55.0#  
55 21.0 22.5 33.7#  
61 20.4 20.5 30.7#

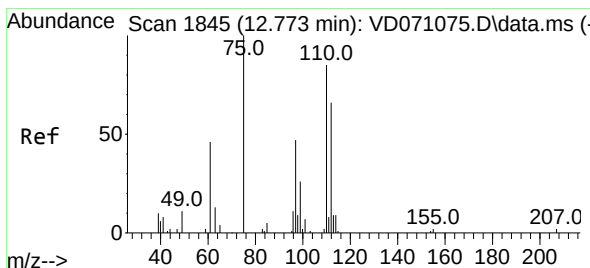
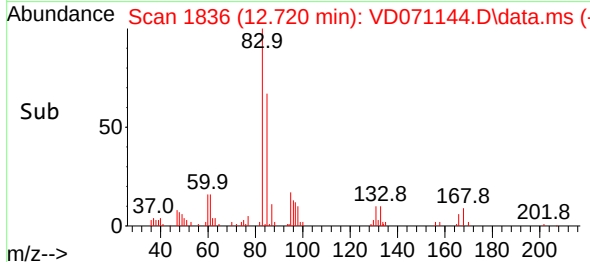
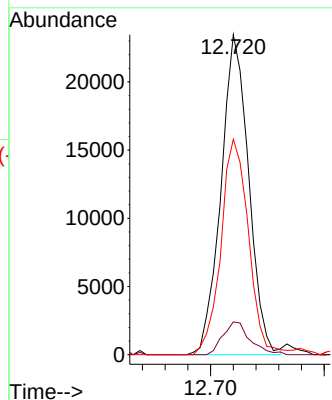
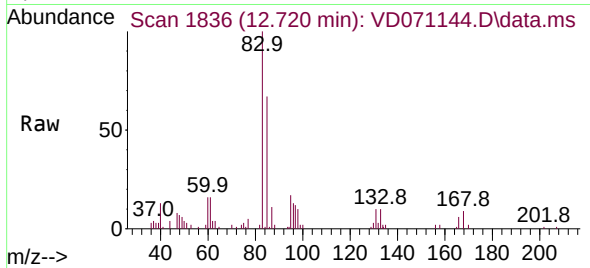




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.625 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. 0.000 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

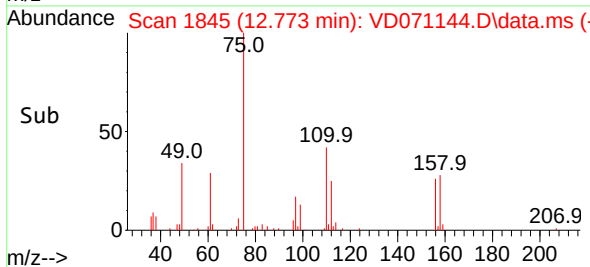
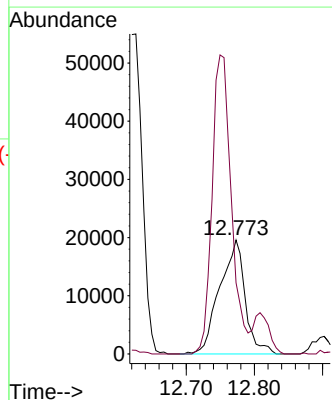
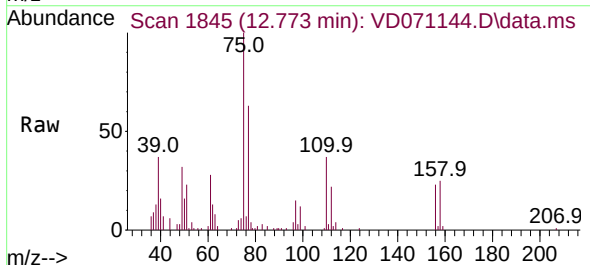
Instrument :  
 MSVOA\_D  
 ClientSampleId :

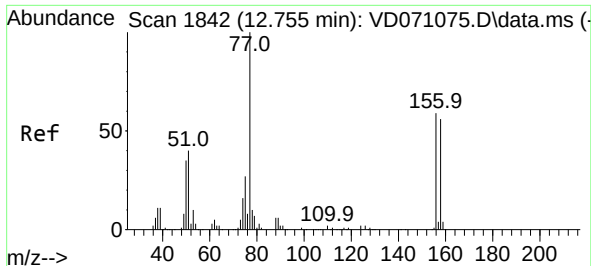
Tgt Ion: 83 Resp: 39758  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 4.9 14.7  
 85 66.9 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 29.831 ug/l  
 RT: 12.773 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

Tgt Ion: 75 Resp: 50880  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 158.4 475.3#

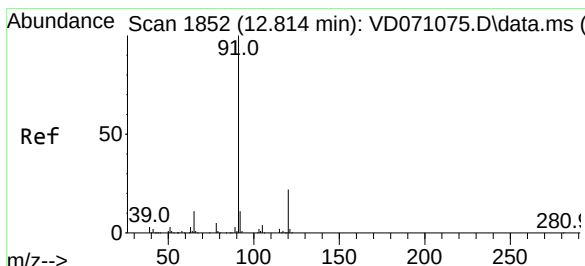
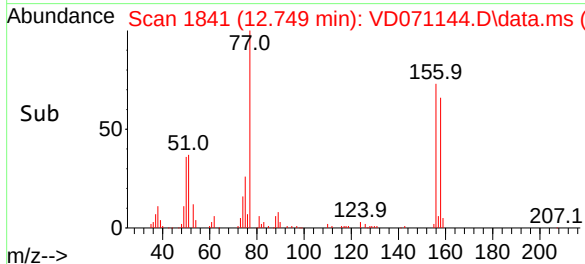
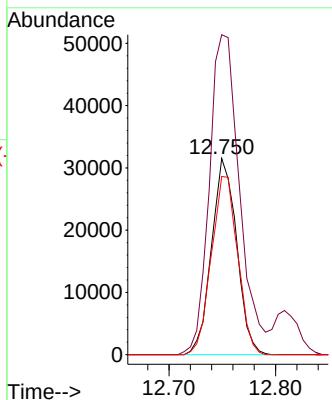
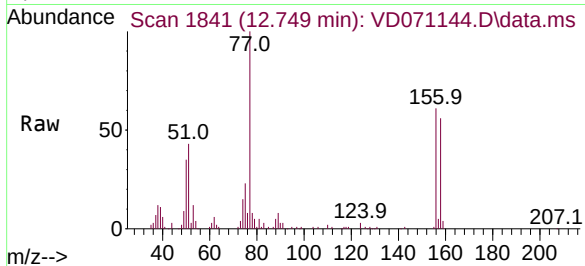




#77  
Bromobenzene  
Concen: 18.410 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

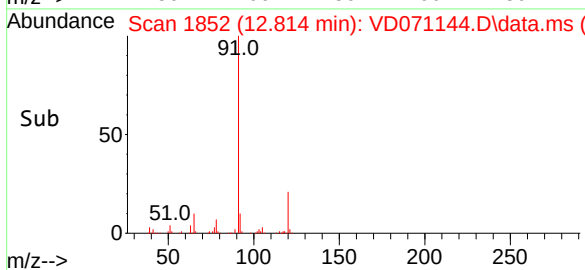
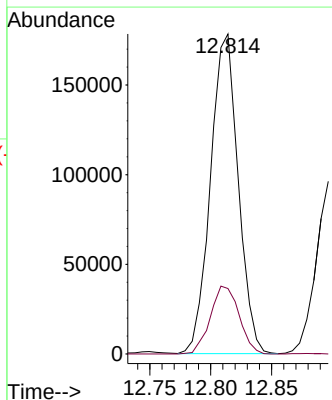
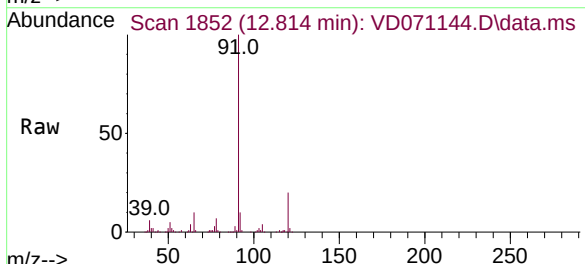
Instrument :  
MSVOA\_D  
ClientSampleId :

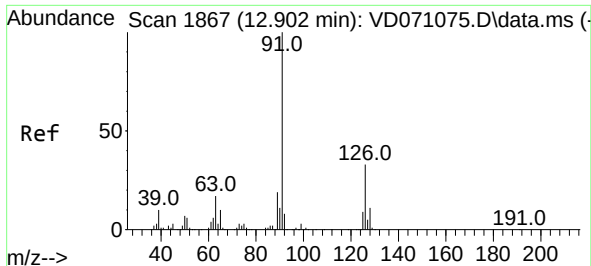
Tgt Ion:156 Resp: 51689  
Ion Ratio Lower Upper  
156 100  
77 195.2 96.6 289.8  
158 94.8 49.1 147.4



#78  
n-propylbenzene  
Concen: 17.494 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 91 Resp: 282398  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 17.797 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. -0.005 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

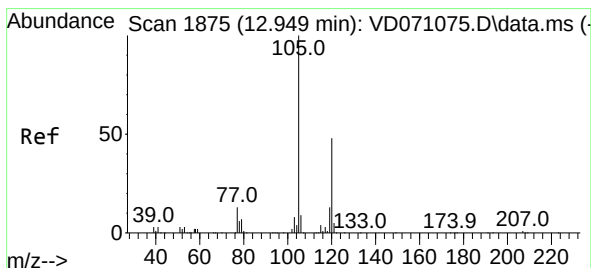
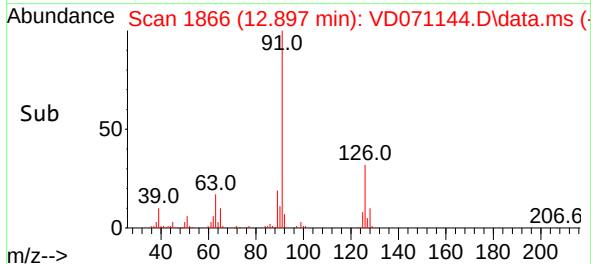
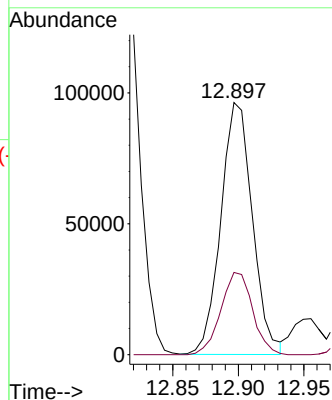
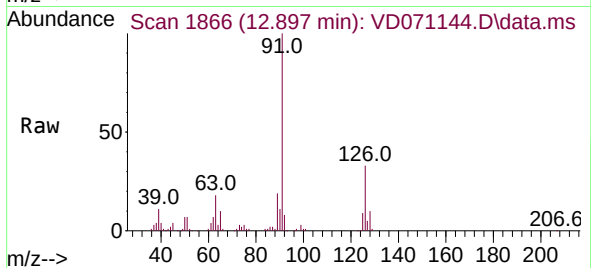
ClientSampleId :

Tgt Ion: 91 Resp: 161245

Ion Ratio Lower Upper

91 100

126 32.8 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 17.779 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071144.D

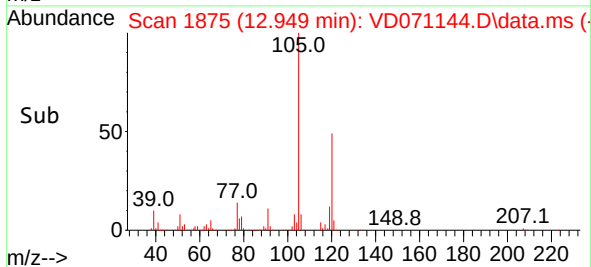
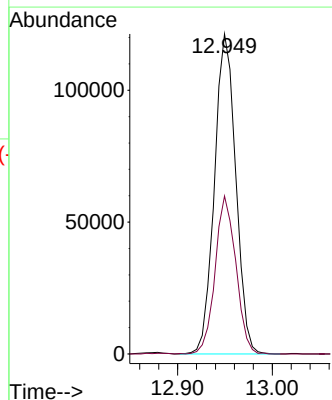
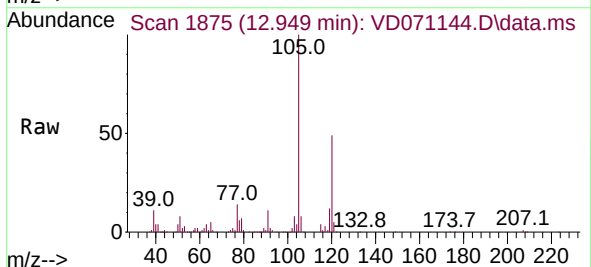
Acq: 04 Dec 2021 15:28

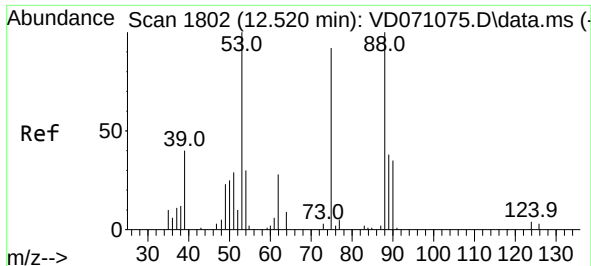
Tgt Ion:105 Resp: 190038

Ion Ratio Lower Upper

105 100

120 47.9 24.6 73.8

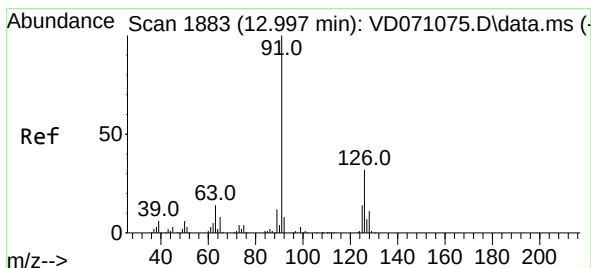
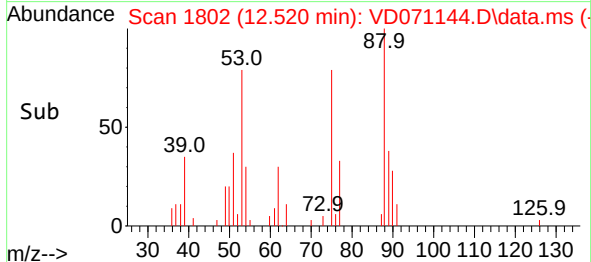
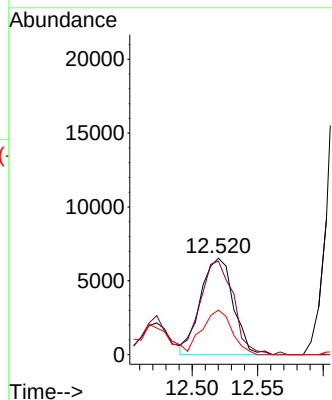
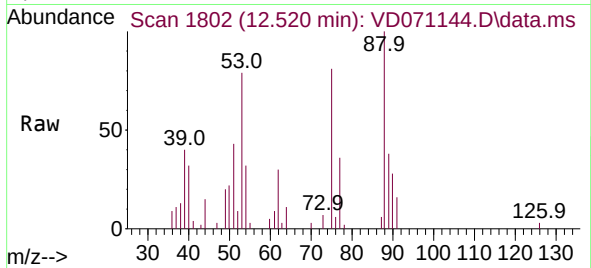




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.601 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

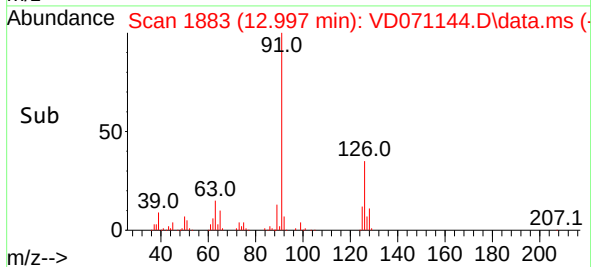
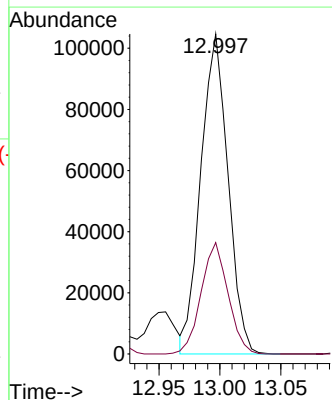
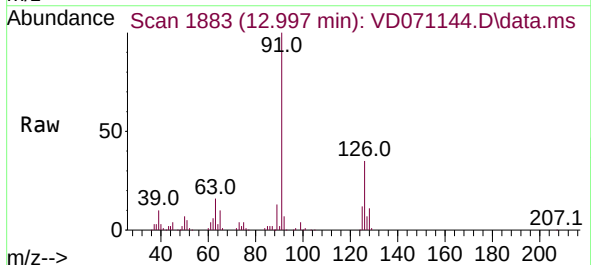
Instrument :  
MSVOA\_D  
ClientSampleId :

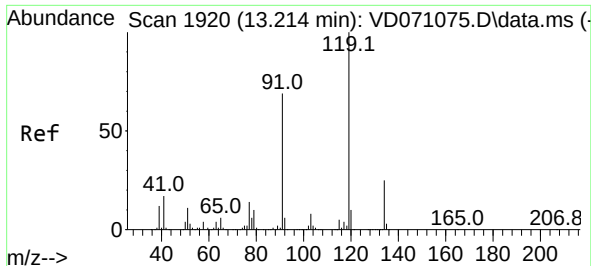
Tgt Ion: 75 Resp: 11400  
Ion Ratio Lower Upper  
75 100  
53 97.7 62.6 94.0#  
89 41.6 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 17.287 ug/l  
RT: 12.997 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 91 Resp: 162593  
Ion Ratio Lower Upper  
91 100  
126 34.5 16.4 49.1

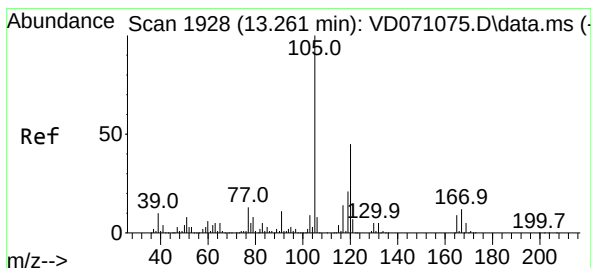
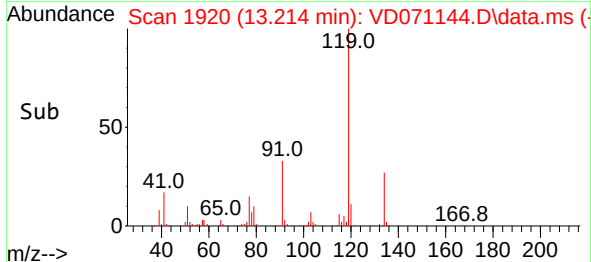
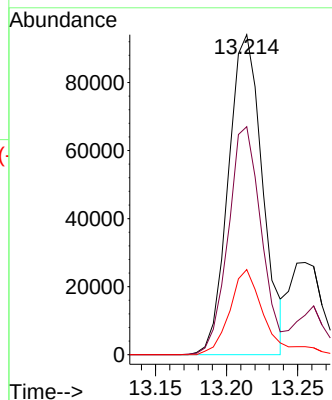
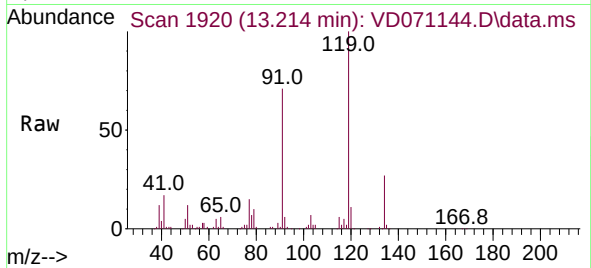




#83  
tert-Butylbenzene  
Concen: 17.157 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

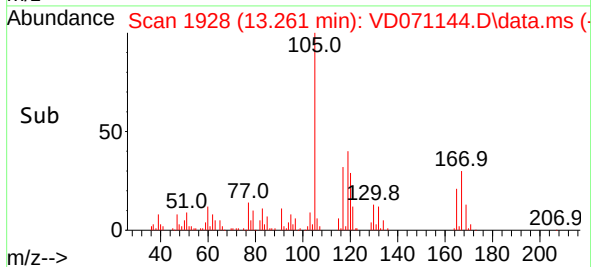
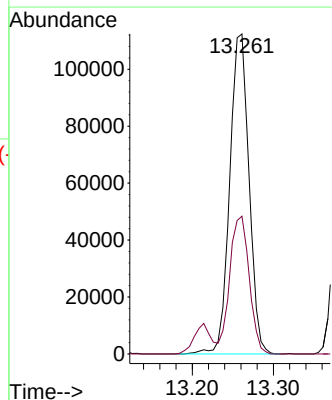
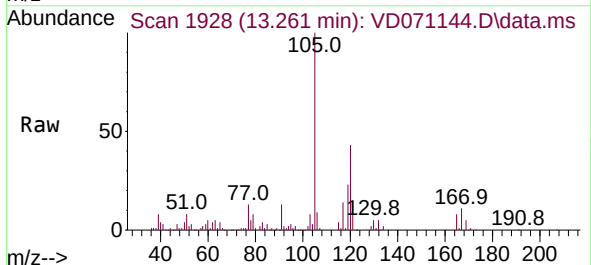
Instrument :  
MSVOA\_D  
ClientSampleId :

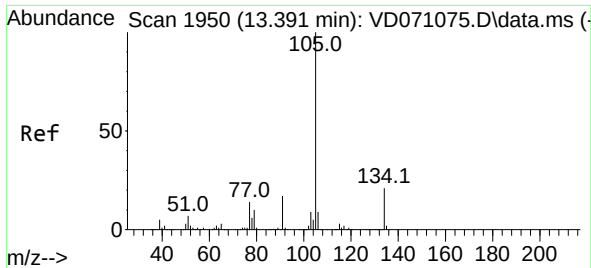
Tgt Ion:119 Resp: 157496  
Ion Ratio Lower Upper  
119 100  
91 70.4 32.5 97.5  
134 27.1 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 17.726 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion:105 Resp: 184980  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.9 68.7

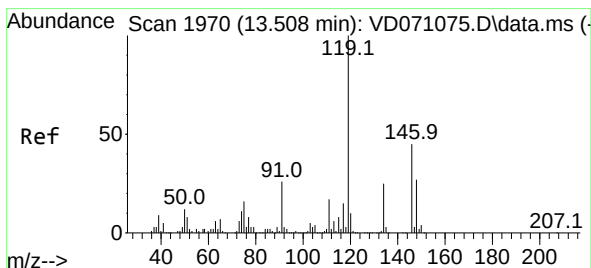
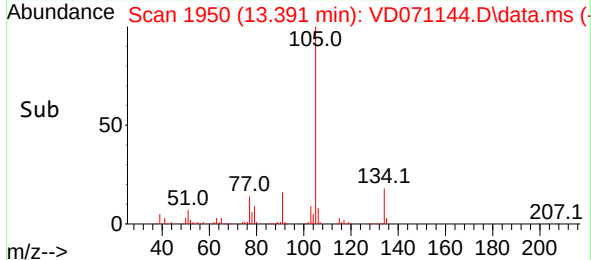
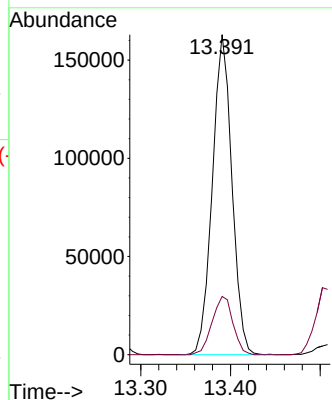
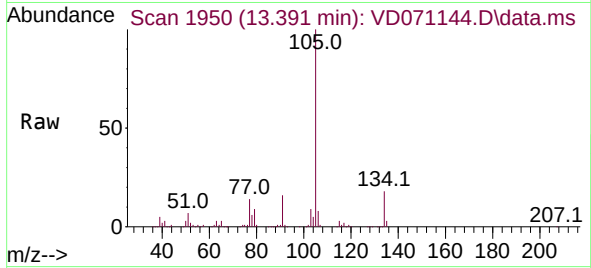




#85  
 sec-Butylbenzene  
 Concen: 17.574 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

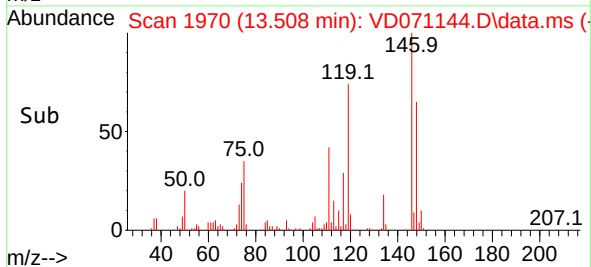
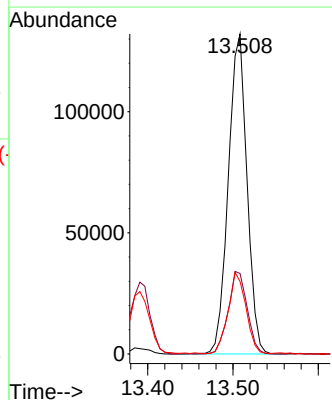
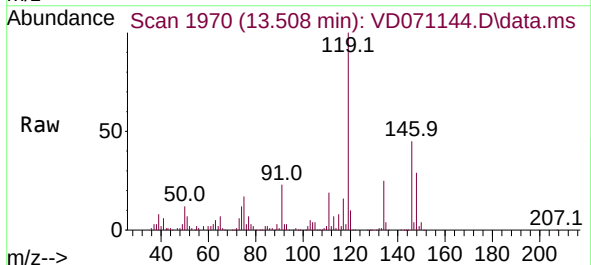
Instrument :  
 MSVOA\_D  
 ClientSampleId :

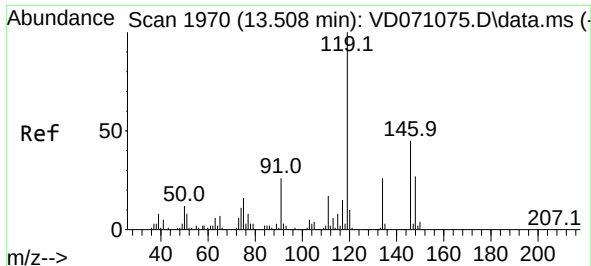
Tgt Ion:105 Resp: 246391  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 17.493 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.000 min  
 Lab File: VD071144.D  
 Acq: 04 Dec 2021 15:28

Tgt Ion:119 Resp: 200598  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.0 38.9  
 91 24.2 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 18.340 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

Instrument :

MSVOA\_D

ClientSampleId :

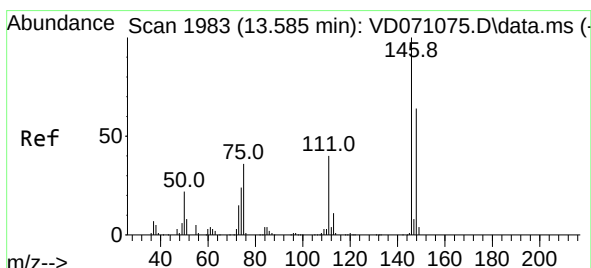
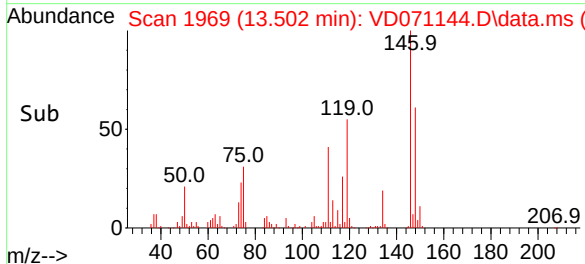
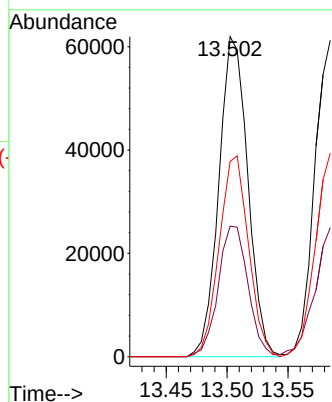
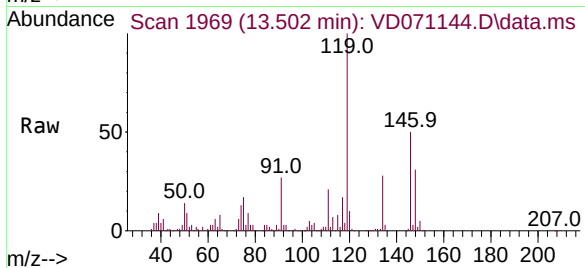
Tgt Ion:146 Resp: 102502

Ion Ratio Lower Upper

146 100

111 41.9 19.8 59.4

148 63.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 18.837 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071144.D

Acq: 04 Dec 2021 15:28

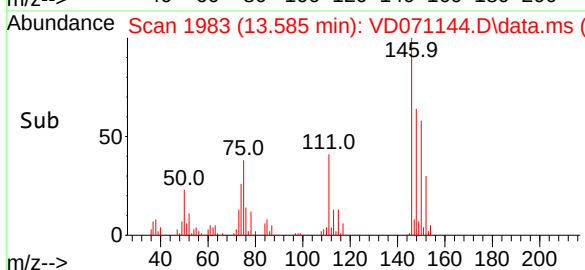
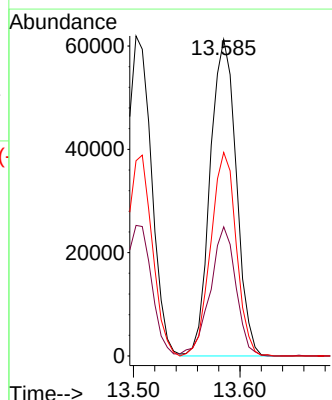
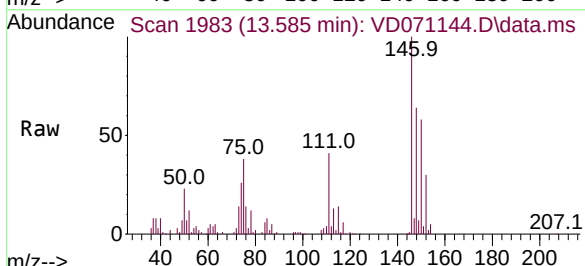
Tgt Ion:146 Resp: 104307

Ion Ratio Lower Upper

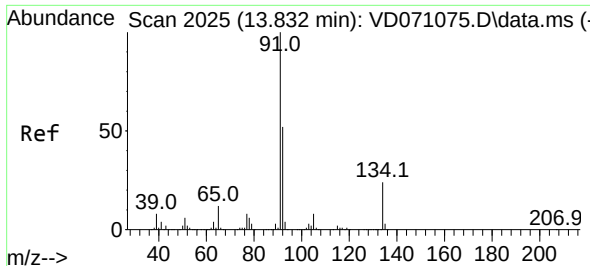
146 100

111 39.9 19.6 58.8

148 62.8 31.5 94.5

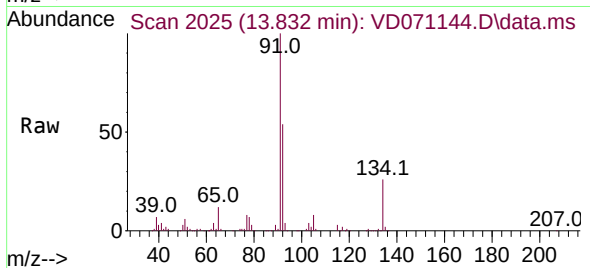




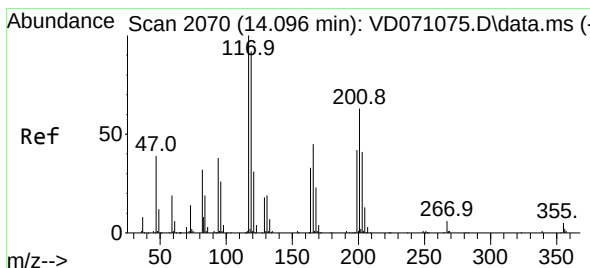
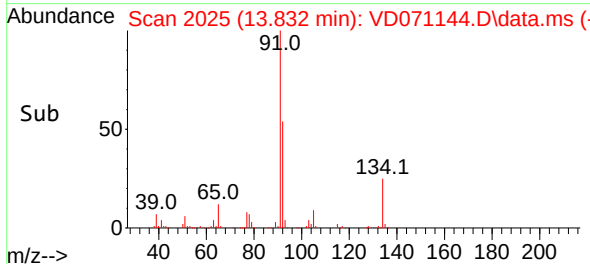
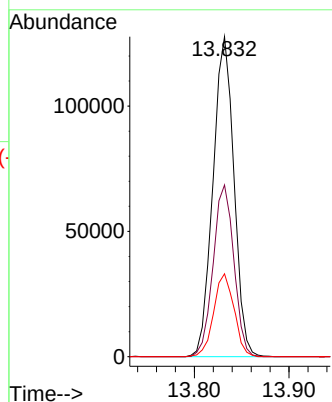


#89  
n-Butylbenzene  
Concen: 17.563 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :

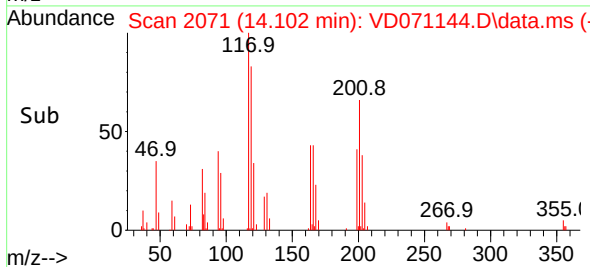
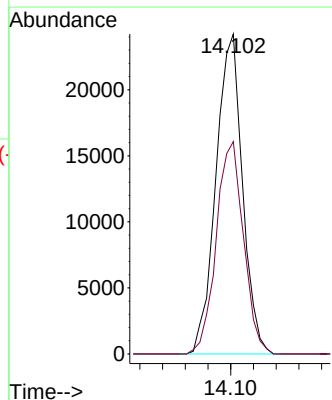
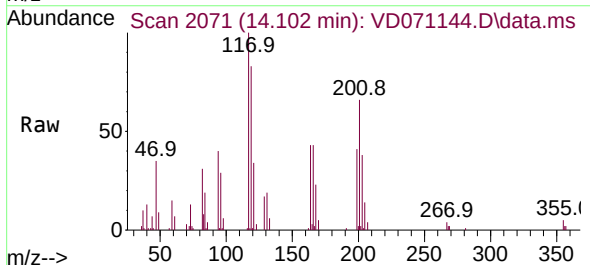


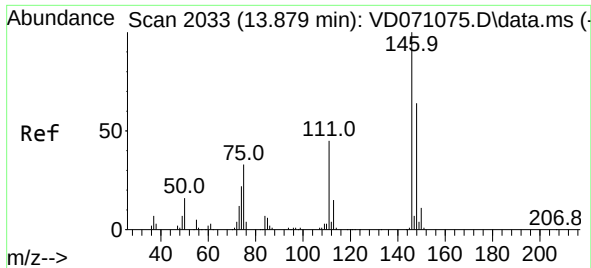
Tgt Ion: 91 Resp: 196605  
Ion Ratio Lower Upper  
91 100  
92 53.1 27.3 81.9  
134 25.2 12.3 36.9



#90  
Hexachloroethane  
Concen: 18.083 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion: 117 Resp: 39309  
Ion Ratio Lower Upper  
117 100  
201 68.0 36.0 108.1

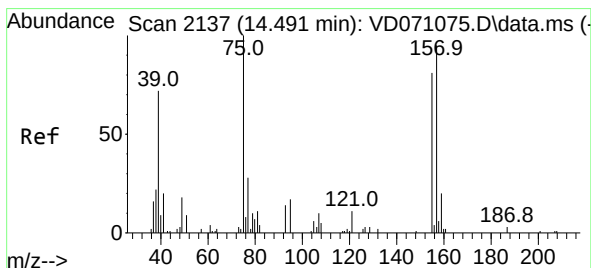
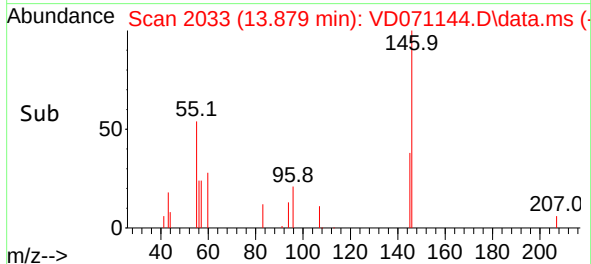
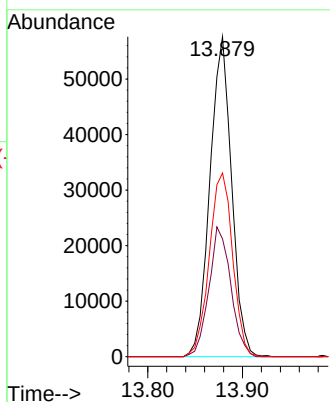
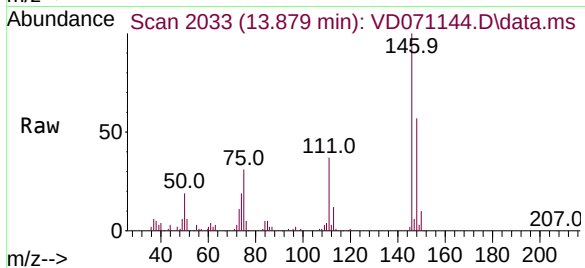




#91  
1,2-Dichlorobenzene  
Concen: 19.239 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

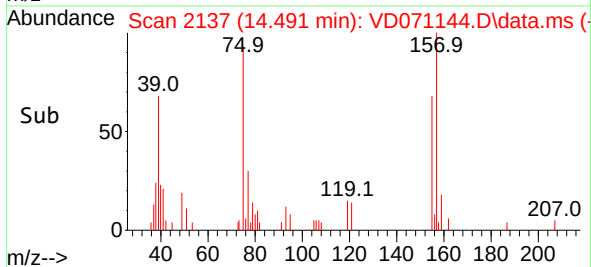
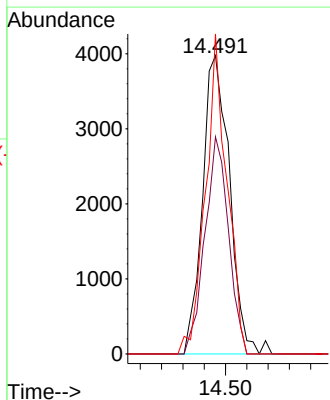
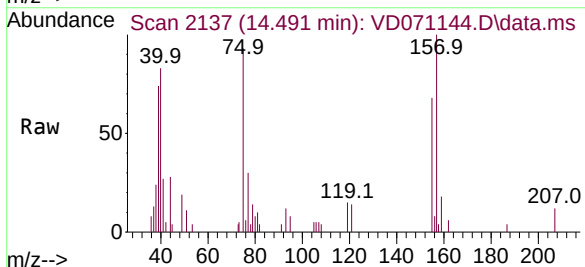
Instrument :  
MSVOA\_D  
ClientSampleId :

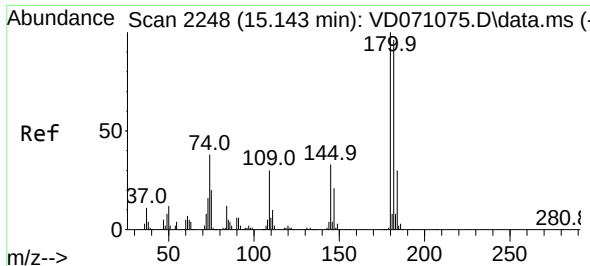
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.0  | 20.8  | 62.2  |
| 148     | 61.9  | 31.7  | 95.1  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.148 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

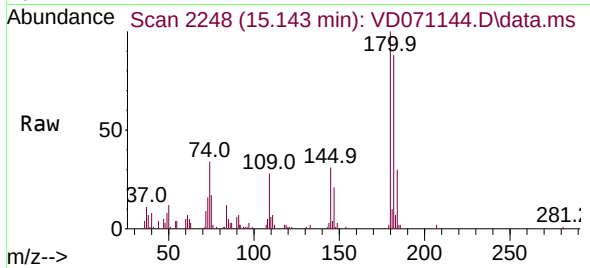
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 63.6  | 40.0  | 120.0 |
| 157     | 85.0  | 49.8  | 149.3 |



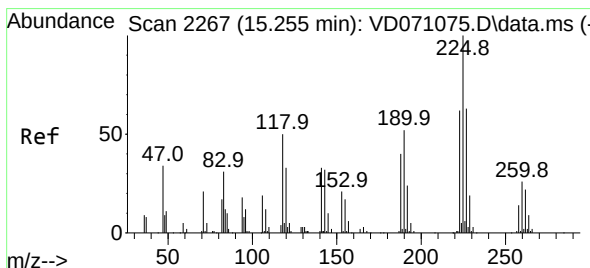
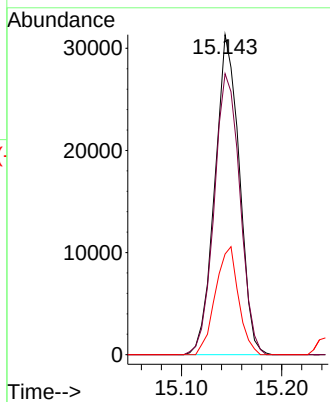
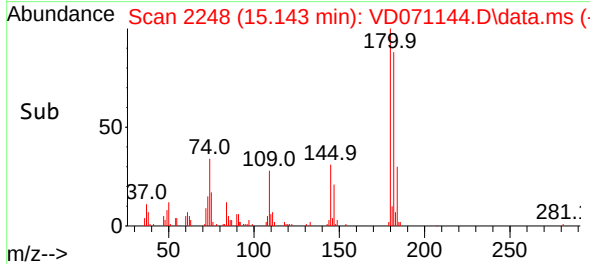


#93  
1,2,4-Trichlorobenzene  
Concen: 17.903 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

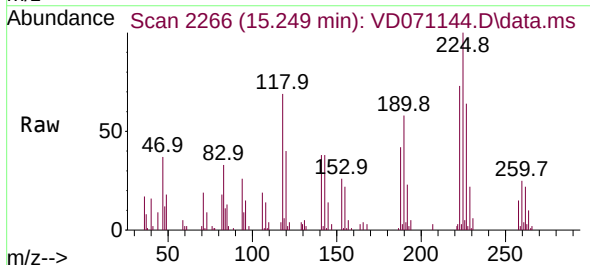
Instrument :  
MSVOA\_D  
ClientSampleId :



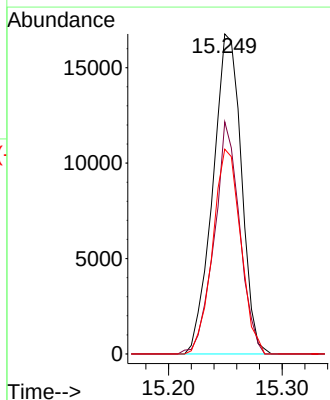
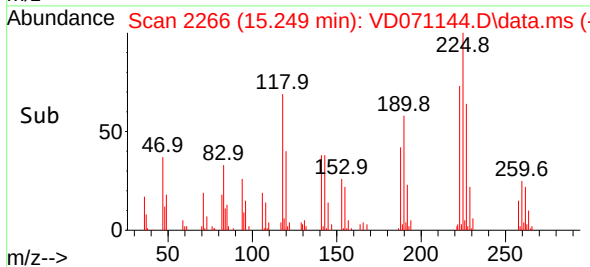
Tgt Ion:180 Resp: 53077  
Ion Ratio Lower Upper  
180 100  
182 92.3 48.2 144.6  
145 31.9 15.4 46.2

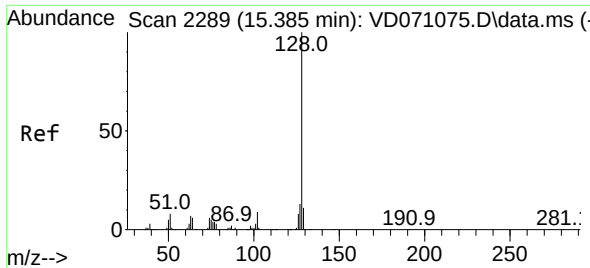


#94  
Hexachlorobutadiene  
Concen: 17.440 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28



Tgt Ion:225 Resp: 29254  
Ion Ratio Lower Upper  
225 100  
223 64.5 31.8 95.3  
227 62.7 31.6 94.8

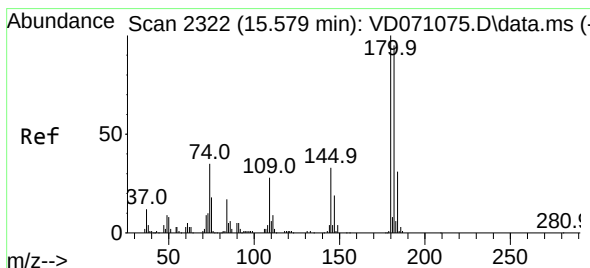
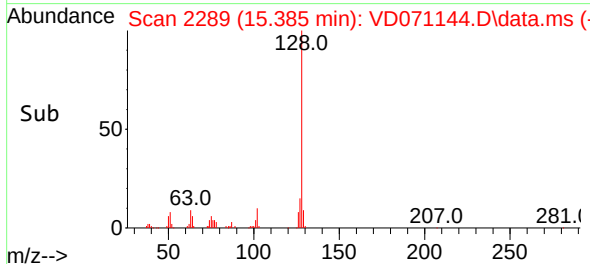
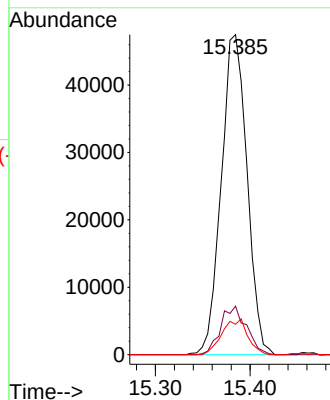
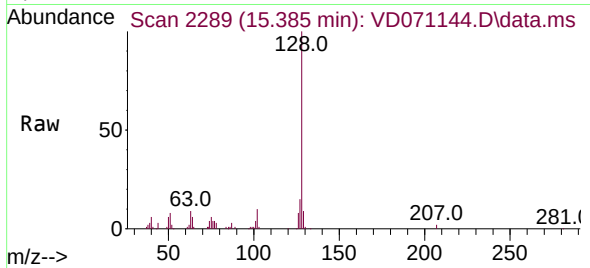




#95  
Naphthalene  
Concen: 17.154 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 89652  
Ion Ratio Lower Upper  
128 100  
127 15.3 10.7 16.1  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.981 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD071144.D  
Acq: 04 Dec 2021 15:28

Tgt Ion:180 Resp: 45277  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.7 140.1  
145 35.6 15.9 47.6

