

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070952.D  
 Acq On : 09 Nov 2021 16:20  
 Operator : VA/SY  
 Sample : VD1109SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:57:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 350862   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 635791   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 584317   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 264118   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 188006   | 50.328   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.660% |      |
| 35) Dibromofluoromethane    | 7.909  | 113   | 179424   | 50.012   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 100.020% |      |
| 50) Toluene-d8              | 10.332 | 98    | 691598   | 49.224   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 98.440%  |      |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 246424   | 48.711   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 97.420%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 58247  | 19.431  | ug/l   | 99  |
| 3) Chloromethane             | 2.209 | 50  | 72915  | 20.441  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.344 | 62  | 69311  | 20.204  | ug/l   | 98  |
| 5) Bromomethane              | 2.756 | 94  | 52611  | 22.500  | ug/l   | 93  |
| 6) Chloroethane              | 2.915 | 64  | 43813  | 19.885  | ug/l   | 92  |
| 7) Trichlorofluoromethane    | 3.268 | 101 | 102008 | 18.476  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.709 | 74  | 34655  | 18.966  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 4.091 | 101 | 59666  | 17.532  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.303 | 142 | 52629  | 17.397  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.220 | 59  | 25038  | 91.710  | ug/l # | 89  |
| 12) 1,1-Dichloroethene       | 4.062 | 96  | 60861  | 18.267  | ug/l   | 90  |
| 13) Acrolein                 | 3.920 | 56  | 10973  | 128.907 | ug/l   | 93  |
| 14) Allyl chloride           | 4.709 | 41  | 126226 | 18.189  | ug/l # | 85  |
| 15) Acrylonitrile            | 5.420 | 53  | 79125  | 90.498  | ug/l   | 97  |
| 16) Acetone                  | 4.156 | 43  | 65229  | 79.334  | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.403 | 76  | 198025 | 18.407  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.715 | 43  | 61109  | 19.068  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 161128 | 18.734  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.956 | 84  | 102275 | 23.858  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 69566  | 18.217  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.356 | 45  | 257286 | 18.649  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.303 | 43  | 583493 | 93.570  | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.262 | 63  | 134043 | 18.191  | ug/l   | 98  |
| 25) 2-Butanone               | 7.209 | 43  | 99137  | 90.214  | ug/l # | 89  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 107879 | 17.346  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.203 | 96  | 80033  | 18.334  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.538 | 49  | 68726  | 21.989  | ug/l   | 88  |
| 29) Tetrahydrofuran          | 7.556 | 42  | 70594  | 93.007  | ug/l   | 90  |
| 30) Chloroform               | 7.703 | 83  | 127959 | 18.264  | ug/l   | 99  |
| 31) Cyclohexane              | 7.979 | 56  | 131493 | 17.116  | ug/l   | 90  |
| 32) 1,1,1-Trichloroethane    | 7.897 | 97  | 107804 | 17.916  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 99539  | 17.535  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.291 | 43  | 47015  | 18.153  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 89728  | 17.164  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.350 | 83  | 123356 | 16.826  | ug/l   | 99  |
| 40) Benzene                  | 8.344 | 78  | 288143 | 18.024  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070952.D  
 Acq On : 09 Nov 2021 16:20  
 Operator : VA/SY  
 Sample : VD1109SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:57:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 27992    | 17.242  | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.414  | 62   | 84098    | 18.572  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 96301    | 17.570  | ug/l # | 89       |
| 44) Trichloroethene           | 9.108  | 130  | 72201    | 17.522  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 78216    | 18.091  | ug/l   | 94       |
| 46) Dibromomethane            | 9.467  | 93   | 38193    | 18.559  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.655  | 83   | 98622    | 18.119  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.450  | 41   | 48242    | 17.942  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 8371     | 351.082 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 234146   | 88.113  | ug/l   | 92       |
| 52) Toluene                   | 10.397 | 92   | 179658   | 17.828  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 96224    | 17.530  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 117404   | 18.138  | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 50661    | 17.912  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.650 | 69   | 70973    | 17.735  | ug/l # | 75       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 95617    | 18.616  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 211504   | 101.663 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.973 | 43   | 161843   | 88.855  | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.132 | 129  | 61859    | 18.231  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 48222    | 17.527  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 58496    | 17.168  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.661 | 112  | 185004   | 17.745  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 66098    | 17.863  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 344982   | 17.473  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.844 | 106  | 260206   | 35.263  | ug/l   | 95       |
| 69) o-Xylene                  | 12.167 | 106  | 126689   | 18.050  | ug/l   | 98       |
| 70) Styrene                   | 12.185 | 104  | 213394   | 17.956  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 33722    | 17.475  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.467 | 105  | 328116   | 17.244  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 92890    | 17.088  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 56417    | 17.226  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 74986    | 33.237  | ug/l   | 40       |
| 77) Bromobenzene              | 12.749 | 156  | 73777    | 18.147  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.808 | 91   | 404125   | 17.141  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 230109   | 17.117  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 272129   | 17.370  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 17652    | 17.416  | ug/l # | 86       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 239557   | 17.267  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.208 | 119  | 235426   | 17.445  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 270126   | 17.606  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 344380   | 16.974  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 282942   | 17.367  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 140948   | 17.732  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 139078   | 17.475  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.826 | 91   | 278514   | 17.011  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.096 | 117  | 56334    | 17.474  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 122307   | 17.757  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 8824     | 16.428  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 75673    | 17.172  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 36913    | 16.609  | ug/l   | 97       |
| 95) Naphthalene               | 15.379 | 128  | 146835   | 17.450  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 66156    | 17.855  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
Data File : VD070952.D  
Acq On : 09 Nov 2021 16:20  
Operator : VA/SY  
Sample : VD1109SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

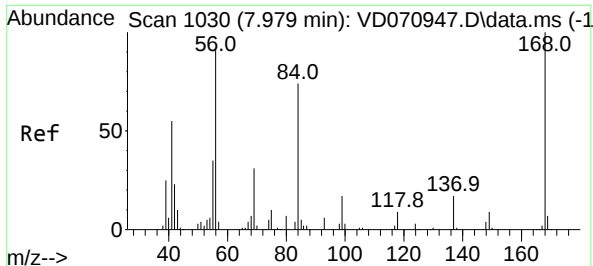
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Nov 10 03:57:22 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 10 03:55:51 2021  
Response via : Initial Calibration

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

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

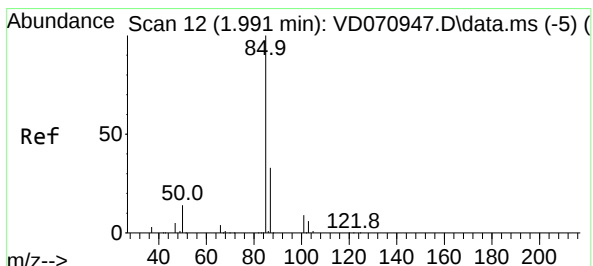
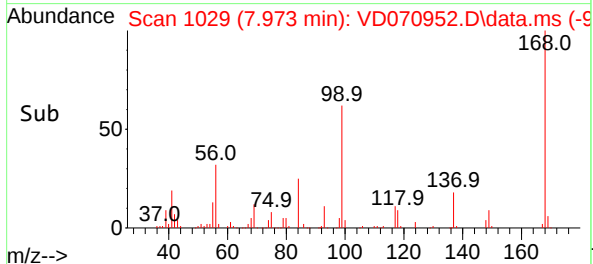
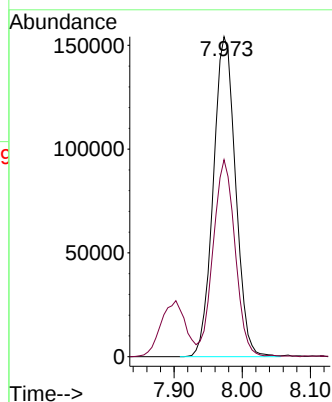
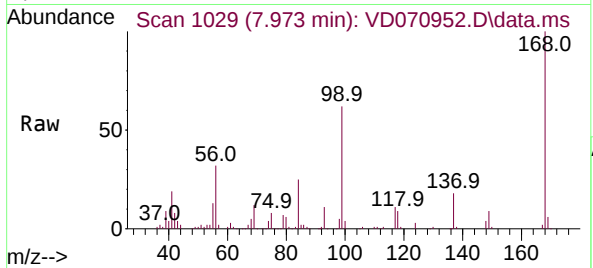




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

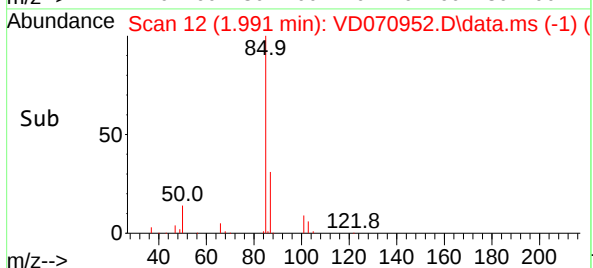
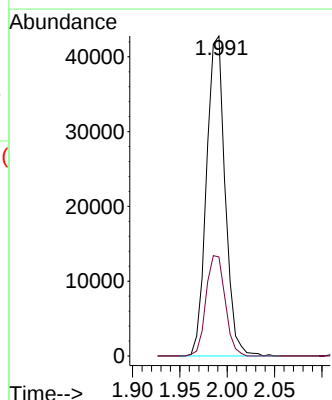
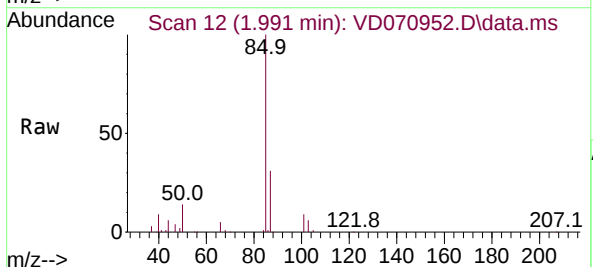
Instrument :  
MSVOA\_D  
ClientSampleId :

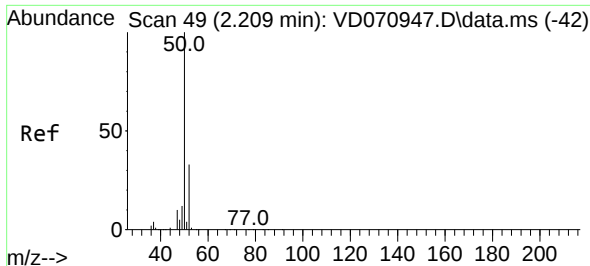
Tgt Ion:168 Resp: 350862  
Ion Ratio Lower Upper  
168 100  
99 61.3 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 19.431 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 85 Resp: 58247  
Ion Ratio Lower Upper  
85 100  
87 30.9 15.2 45.6

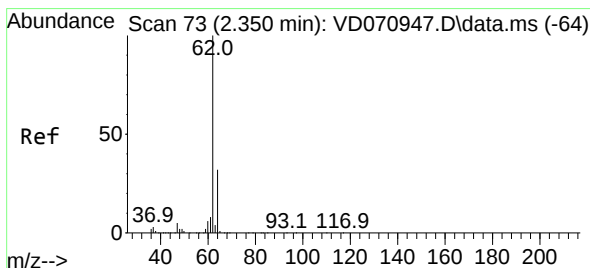
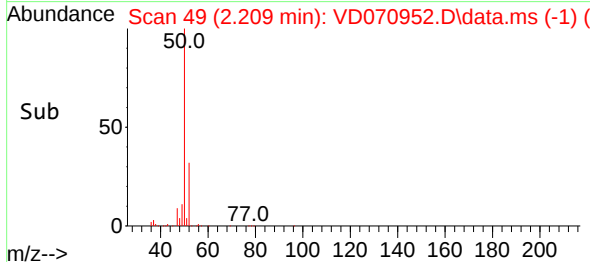
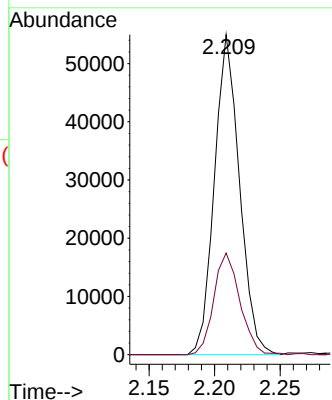
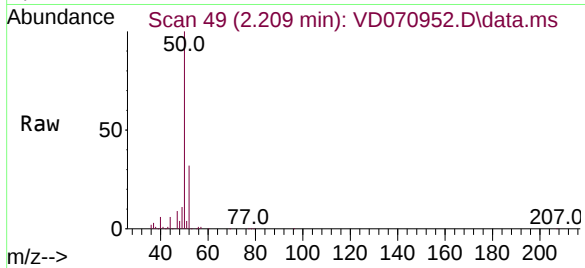




#3  
Chloromethane  
Concen: 20.441 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

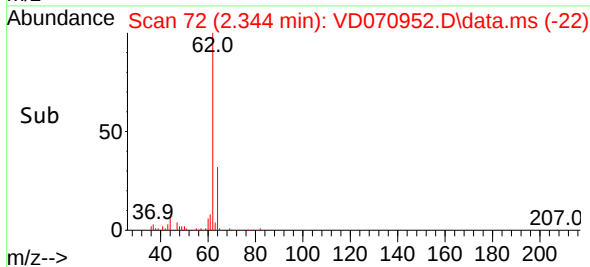
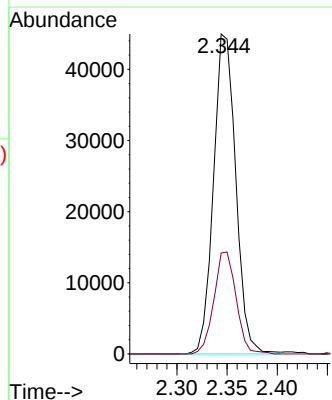
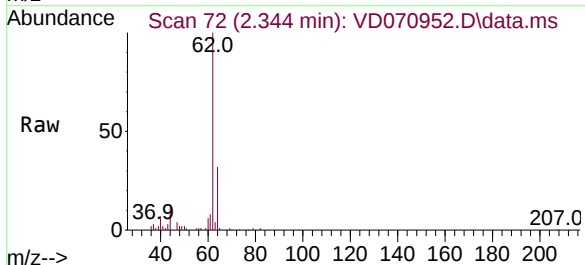
Instrument :  
MSVOA\_D  
ClientSampleId :

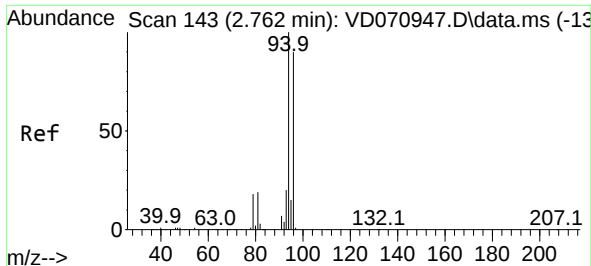
Tgt Ion: 50 Resp: 72915  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.8 38.8



#4  
Vinyl Chloride  
Concen: 20.204 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 62 Resp: 69311  
Ion Ratio Lower Upper  
62 100  
64 31.6 26.0 39.0

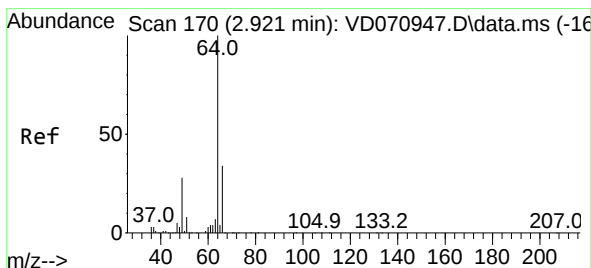
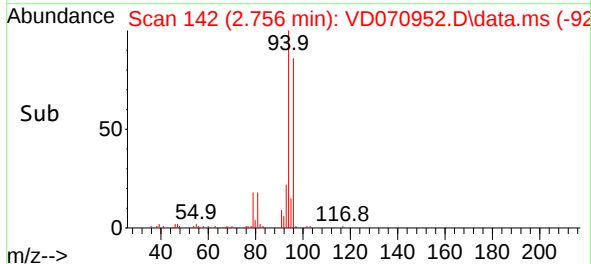
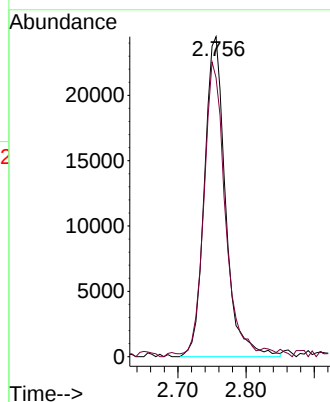
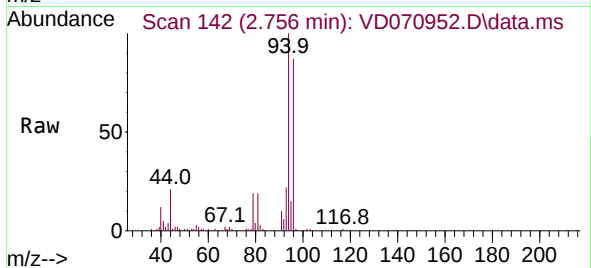




#5  
Bromomethane  
Concen: 22.500 ug/l  
RT: 2.756 min Scan# 143  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

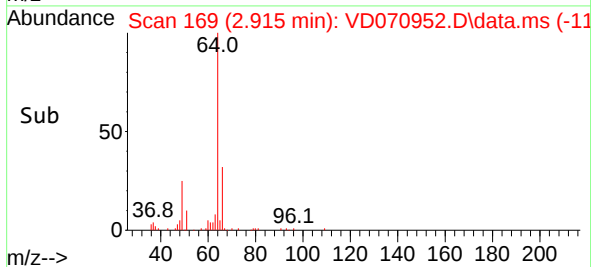
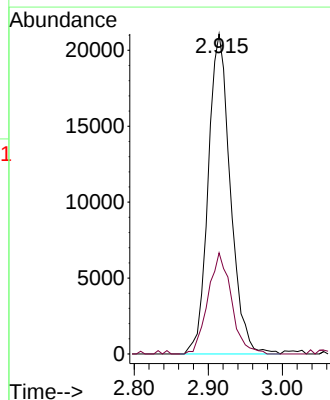
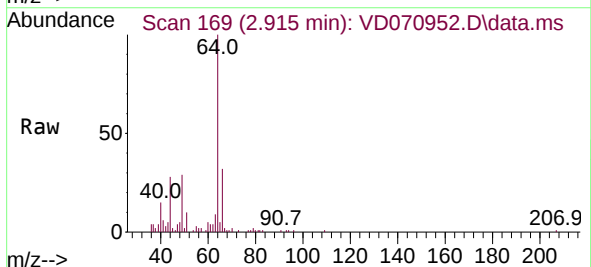
Instrument :  
MSVOA\_D  
ClientSampleId :

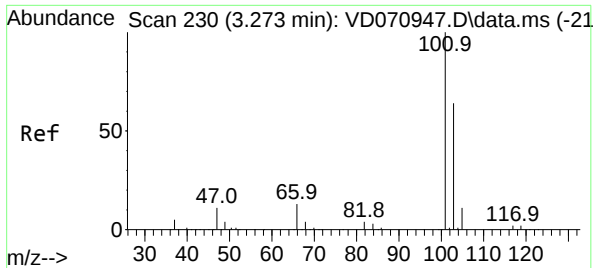
Tgt Ion: 94 Resp: 52611  
Ion Ratio Lower Upper  
94 100  
96 86.3 74.8 112.2



#6  
Chloroethane  
Concen: 19.885 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 64 Resp: 43813  
Ion Ratio Lower Upper  
64 100  
66 31.6 29.0 43.4

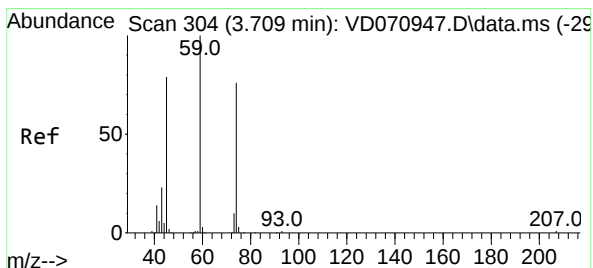
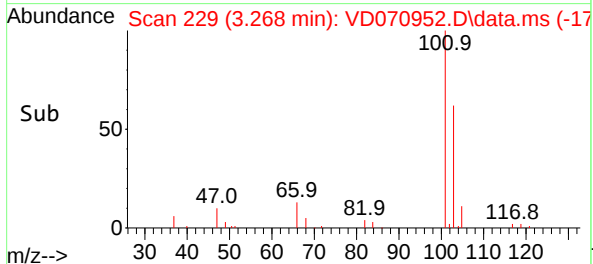
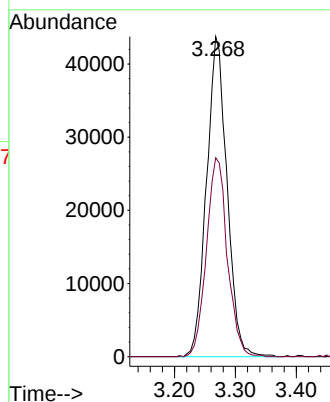
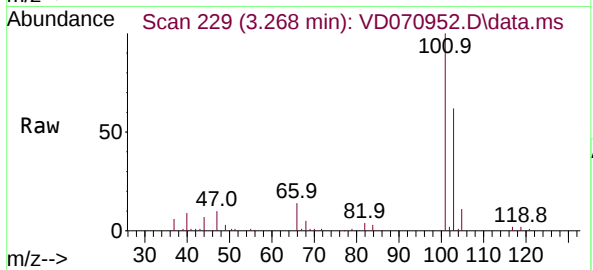




#7  
 Trichlorofluoromethane  
 Concen: 18.476 ug/l  
 RT: 3.268 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

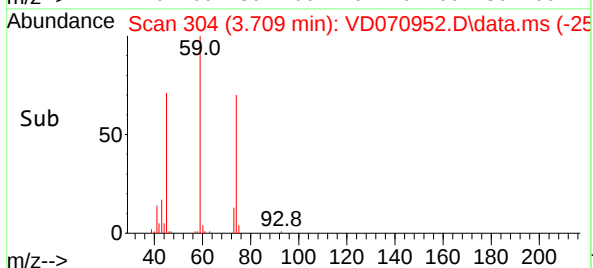
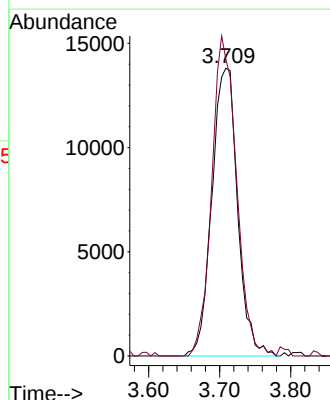
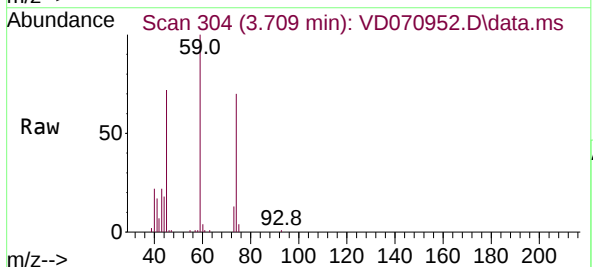
Instrument :  
 MSVOA\_D  
 ClientSampleId :

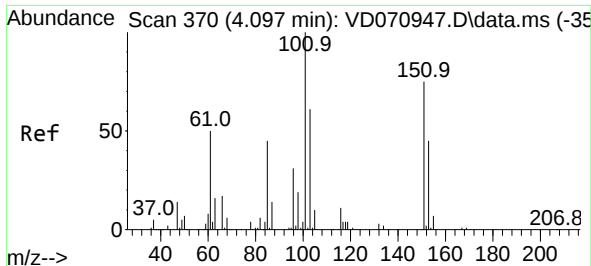
Tgt Ion:101 Resp: 102008  
 Ion Ratio Lower Upper  
 101 100  
 103 62.2 49.7 74.5



#8  
 Diethyl Ether  
 Concen: 18.966 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

Tgt Ion: 74 Resp: 34655  
 Ion Ratio Lower Upper  
 74 100  
 45 107.2 49.6 149.0

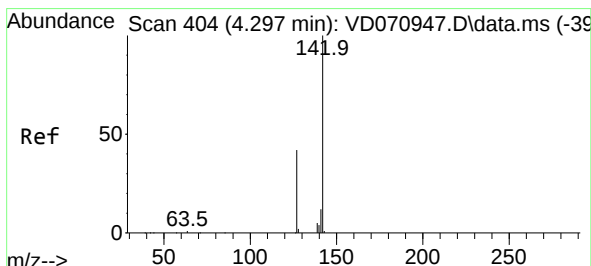
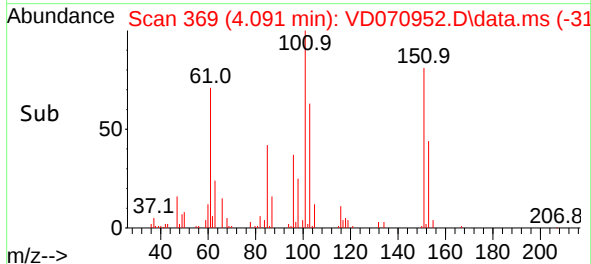
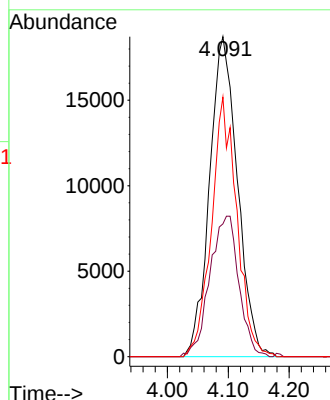
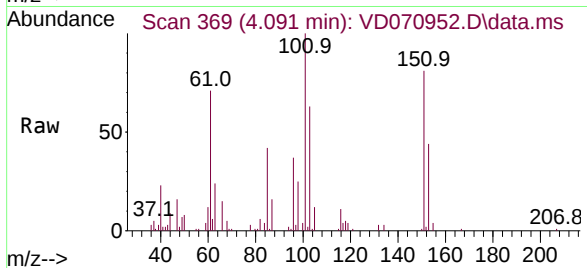




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.532 ug/l  
RT: 4.091 min Scan# 309  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

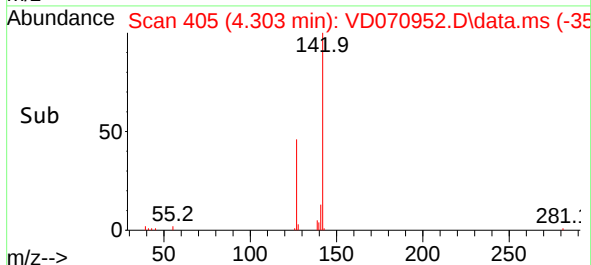
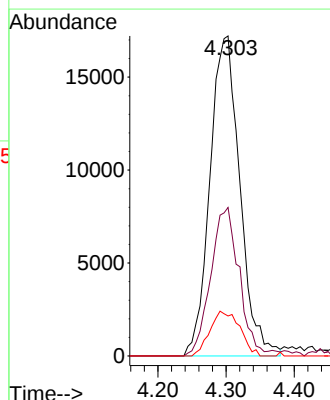
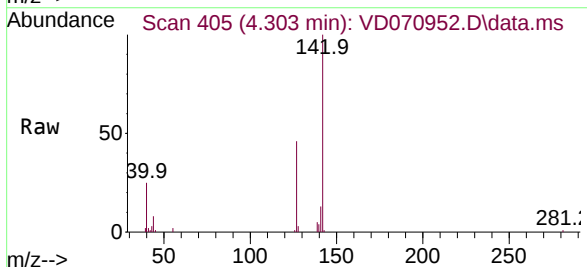
Instrument :  
MSVOA\_D  
ClientSampleId :

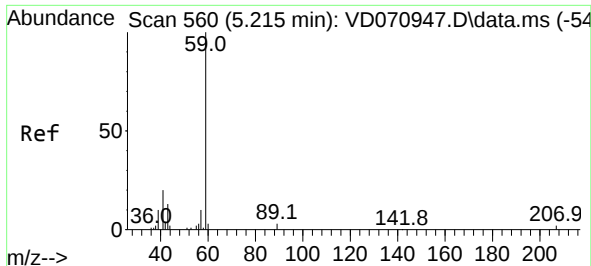
Tgt Ion:101 Resp: 59666  
Ion Ratio Lower Upper  
101 100  
85 45.6 34.8 52.2  
151 73.7 60.4 90.6



#10  
Methyl Iodide  
Concen: 17.397 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

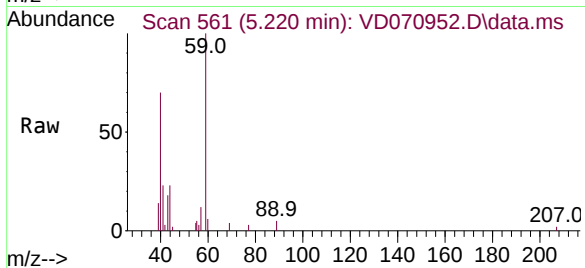
Tgt Ion:142 Resp: 52629  
Ion Ratio Lower Upper  
142 100  
127 44.0 35.0 52.4  
141 14.0 12.0 18.0



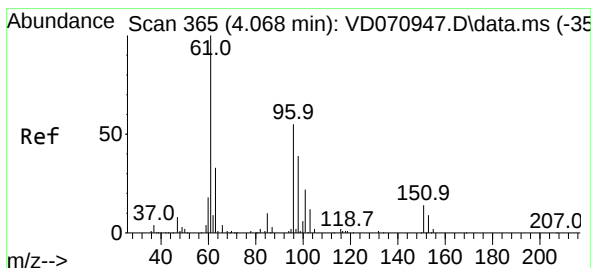
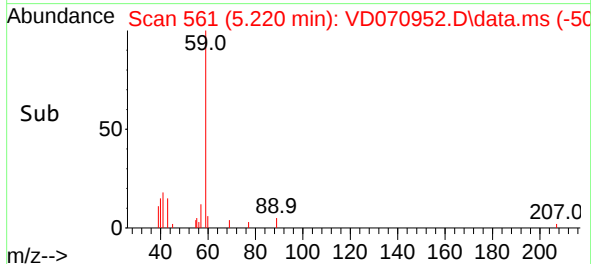
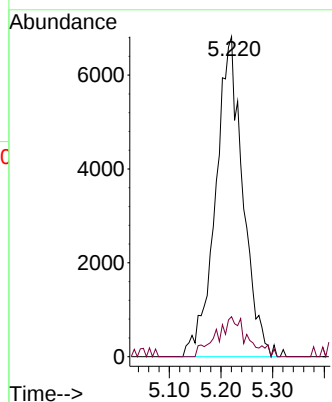


#11  
Tert butyl alcohol  
Concen: 91.710 ug/l  
RT: 5.220 min Scan# 50  
Delta R.T. 0.005 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Instrument :  
MSVOA\_D  
ClientSampleId :

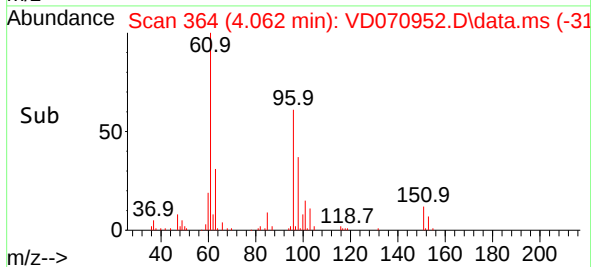
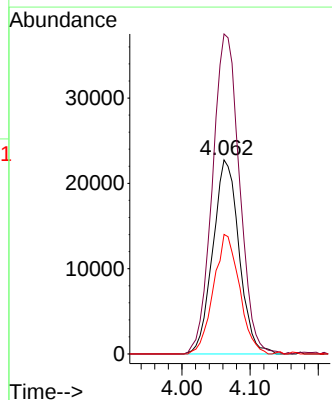
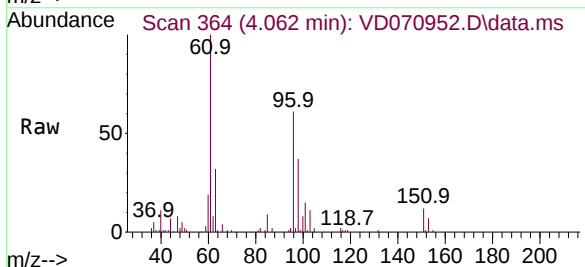


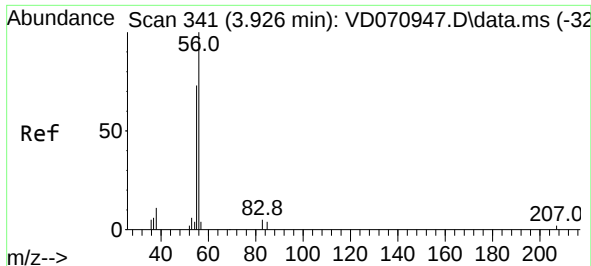
Tgt Ion: 59 Resp: 25038  
Ion Ratio Lower Upper  
59 100  
57 7.1 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 18.267 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 96 Resp: 60861  
Ion Ratio Lower Upper  
96 100  
61 164.8 120.3 180.5  
98 61.6 54.4 81.6

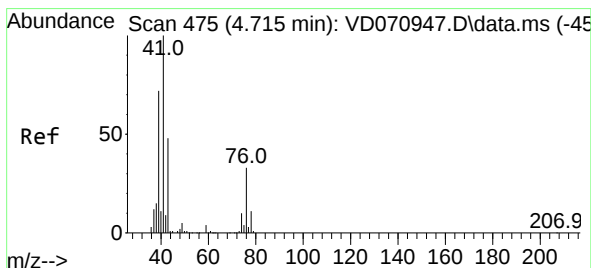
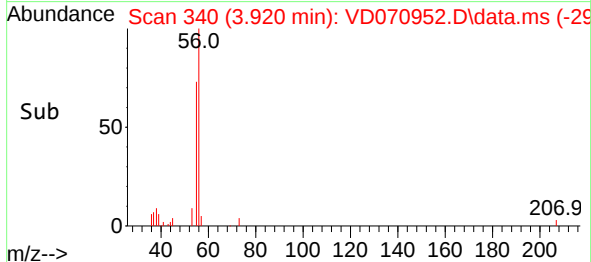
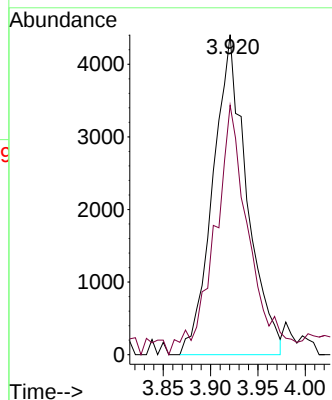
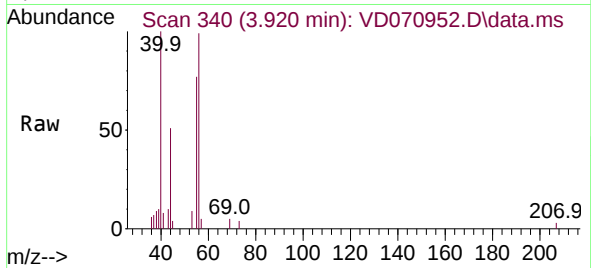




#13  
Acrolein  
Concen: 128.907 ug/l  
RT: 3.920 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

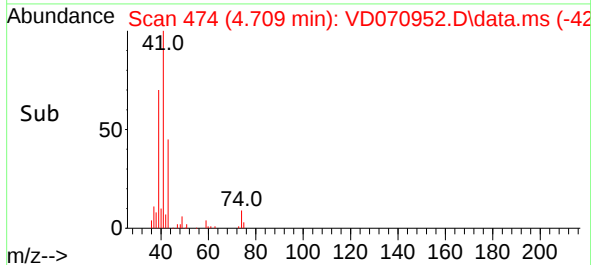
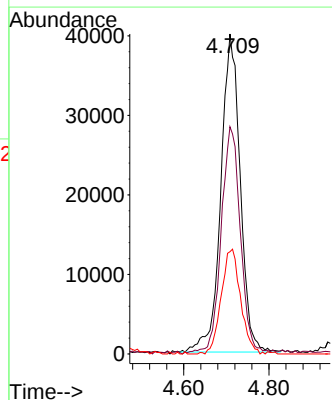
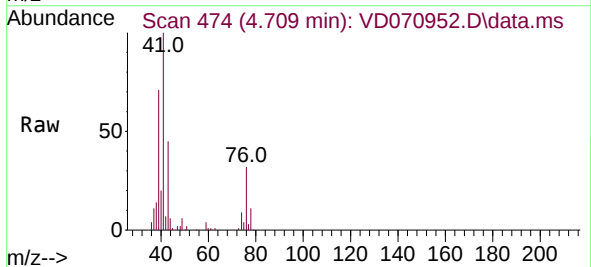
Instrument :  
MSVOA\_D  
ClientSampleId :

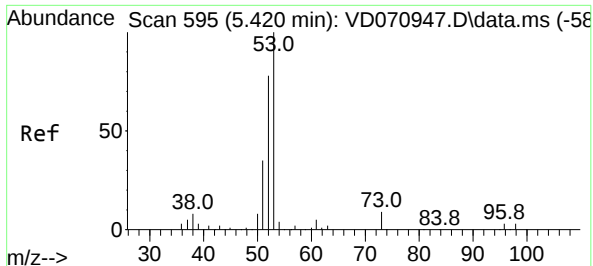
Tgt Ion: 56 Resp: 10973  
Ion Ratio Lower Upper  
56 100  
55 78.7 58.6 87.8



#14  
Allyl chloride  
Concen: 18.189 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 41 Resp: 126226  
Ion Ratio Lower Upper  
41 100  
39 71.3 45.6 68.4#  
76 33.0 30.2 45.4

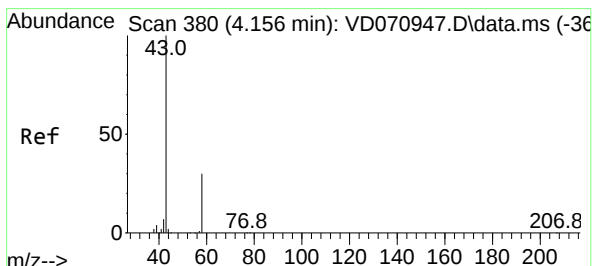
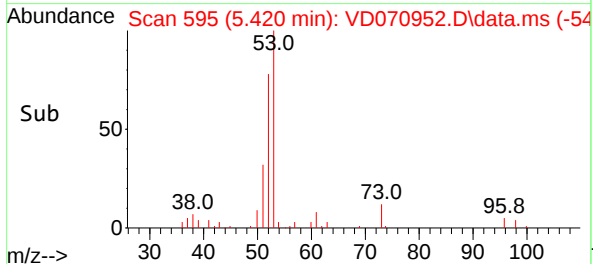
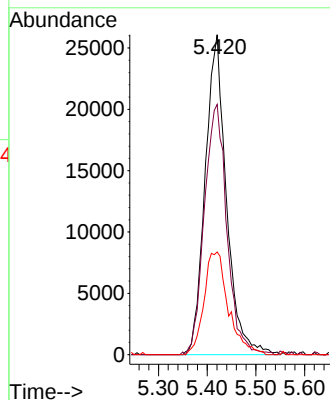
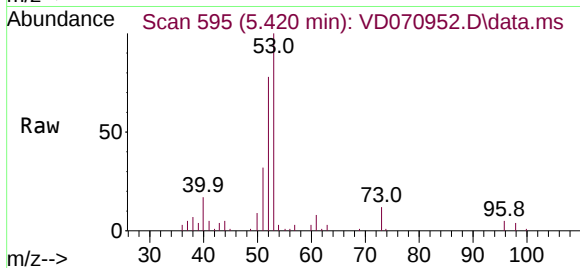




#15  
Acrylonitrile  
Concen: 90.498 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

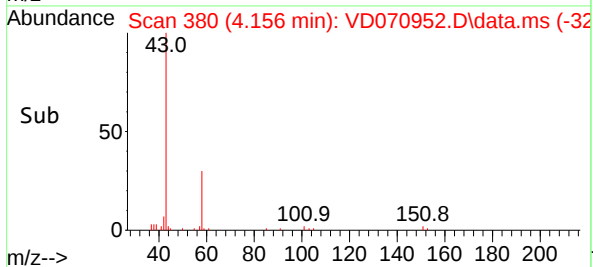
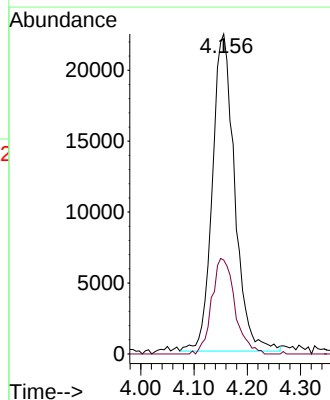
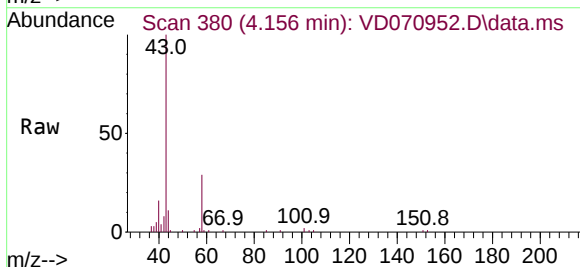
Instrument :  
MSVOA\_D  
ClientSampleId :

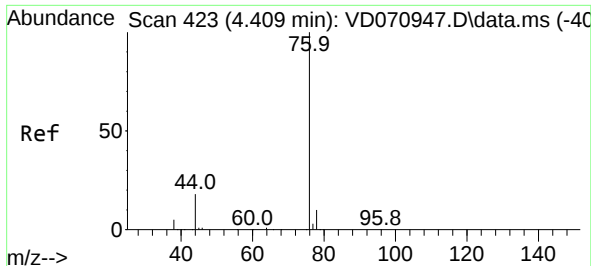
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.9  | 63.8  | 95.8  |
| 51      | 36.8  | 28.5  | 42.7  |



#16  
Acetone  
Concen: 79.334 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.6  | 27.8  | 41.8  |

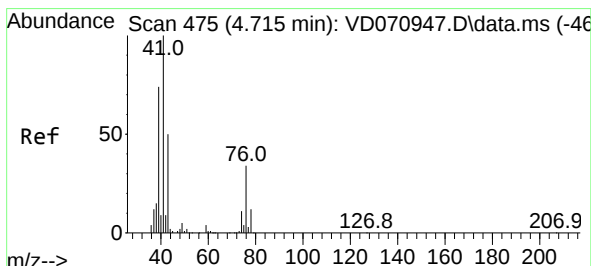
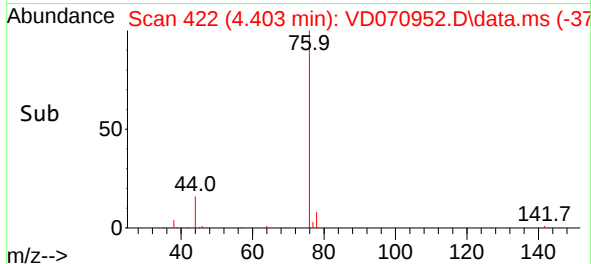
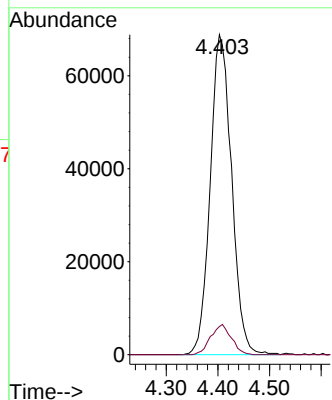
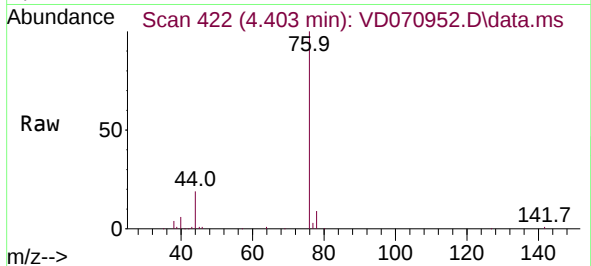




#17  
Carbon Disulfide  
Concen: 18.407 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

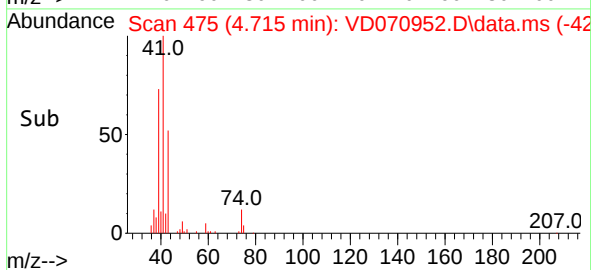
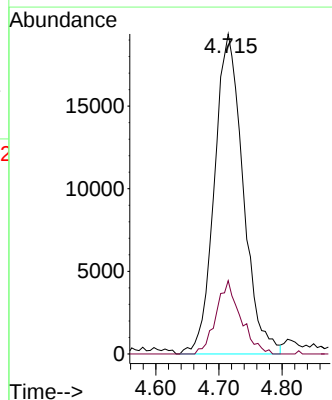
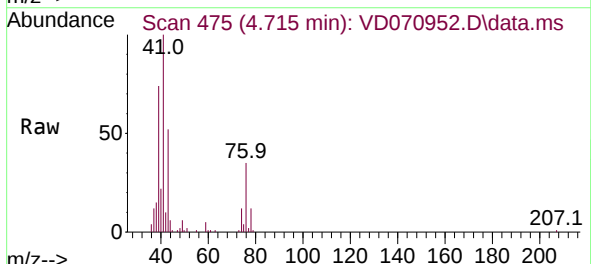
Instrument :  
MSVOA\_D  
ClientSampleId :

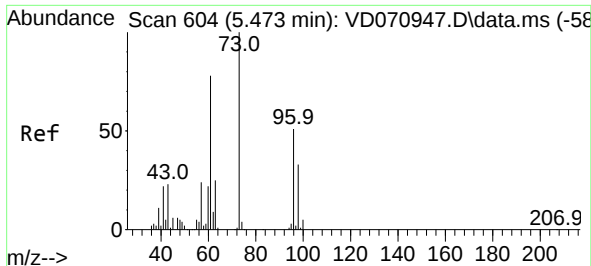
Tgt Ion: 76 Resp: 198025  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.8 11.8



#18  
Methyl Acetate  
Concen: 19.068 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 43 Resp: 61109  
Ion Ratio Lower Upper  
43 100  
74 19.6 19.3 28.9

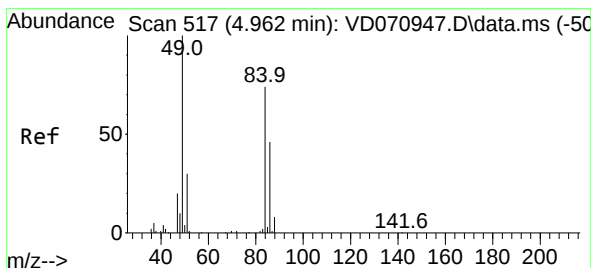
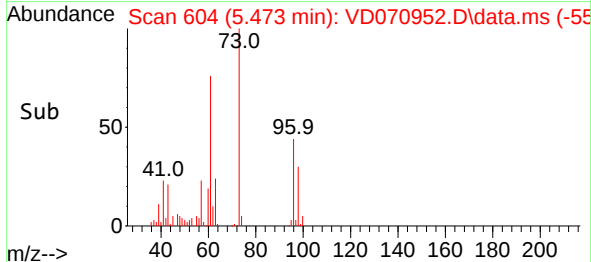
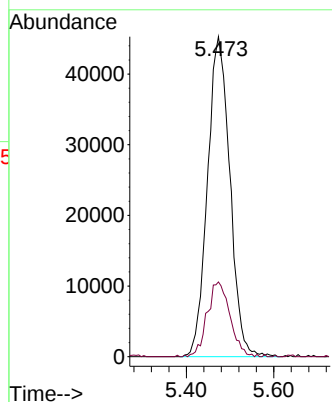
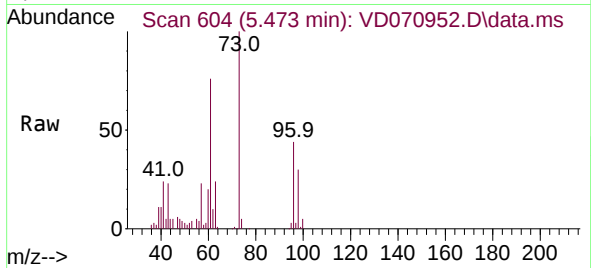




#19  
Methyl tert-butyl Ether  
Concen: 18.734 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

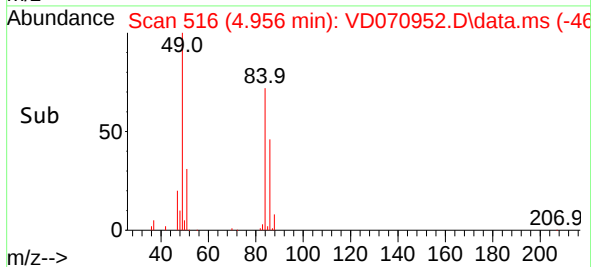
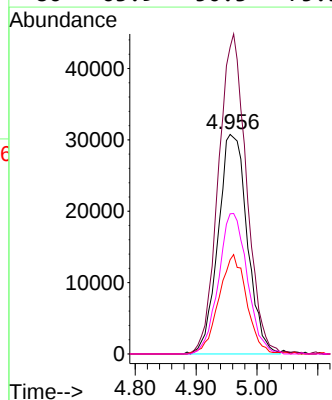
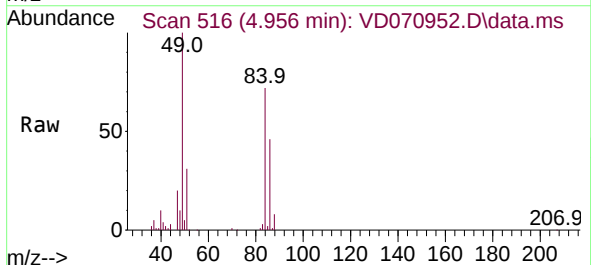
Instrument :  
MSVOA\_D  
ClientSampleId :

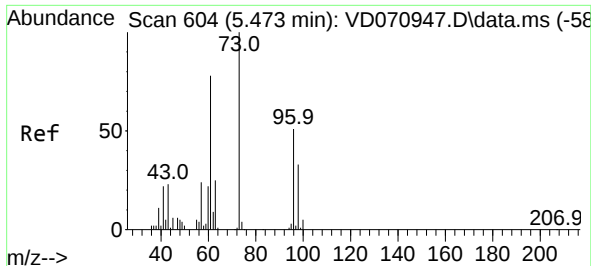
Tgt Ion: 73 Resp: 161128  
Ion Ratio Lower Upper  
73 100  
57 23.3 18.9 28.3



#20  
Methylene Chloride  
Concen: 23.858 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

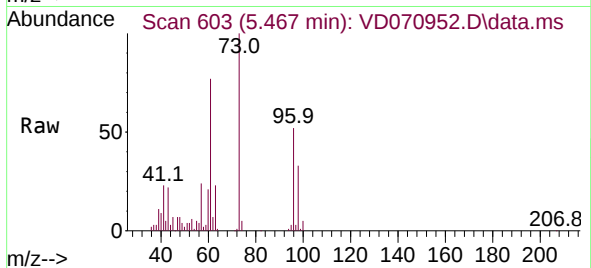
Tgt Ion: 84 Resp: 102275  
Ion Ratio Lower Upper  
84 100  
49 139.7 95.8 143.6  
51 42.9 30.9 46.3  
86 63.9 50.3 75.5



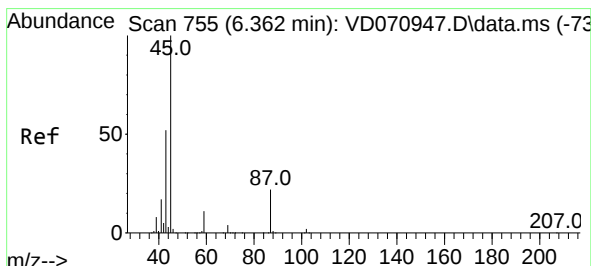
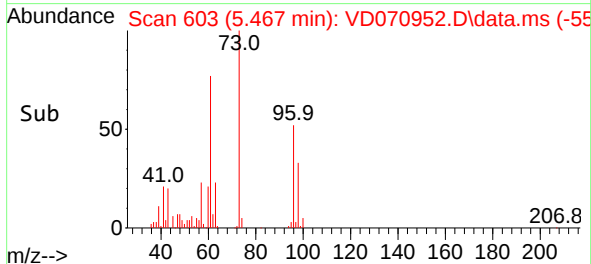
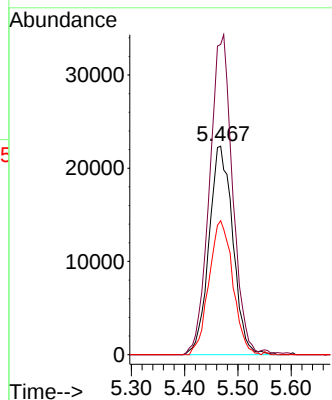


#21  
trans-1,2-Dichloroethene  
Concen: 18.217 ug/l  
RT: 5.467 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Instrument :  
MSVOA\_D  
ClientSampleId :

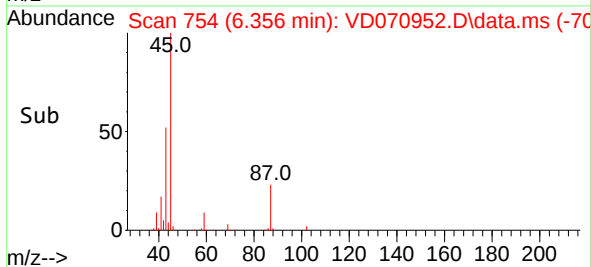
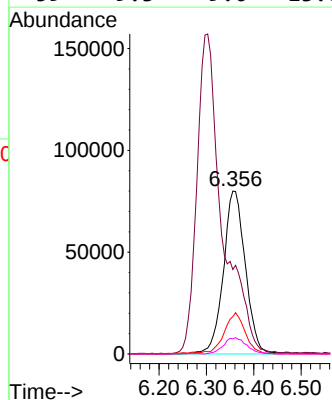
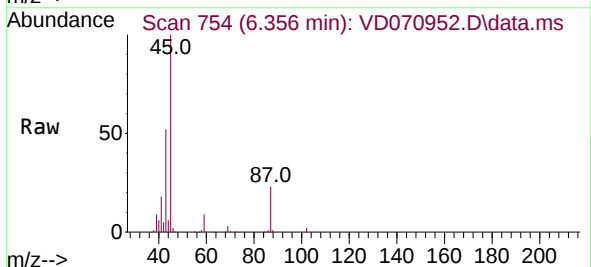


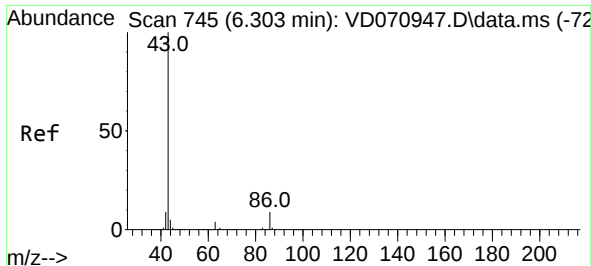
Tgt Ion: 96 Resp: 69566  
Ion Ratio Lower Upper  
96 100  
61 148.8 102.1 153.1  
98 64.2 50.1 75.1



#22  
Diisopropyl ether  
Concen: 18.649 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 45 Resp: 257286  
Ion Ratio Lower Upper  
45 100  
43 51.0 39.6 59.4  
87 22.9 21.2 31.8  
59 9.3 9.0 13.6

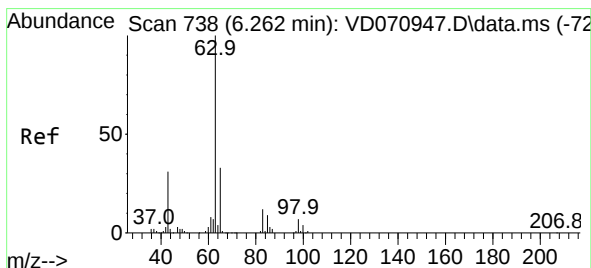
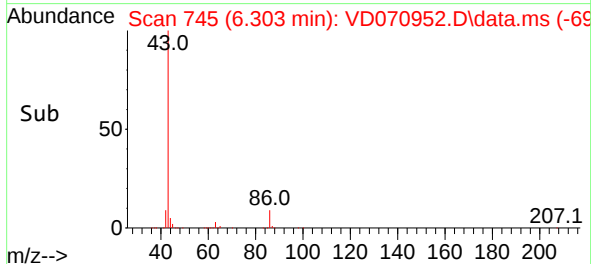
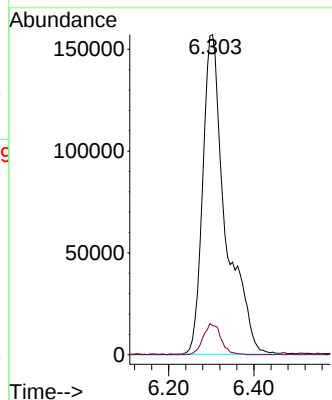
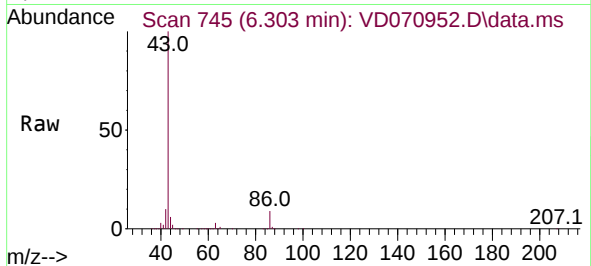




#23  
 Vinyl Acetate  
 Concen: 93.570 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

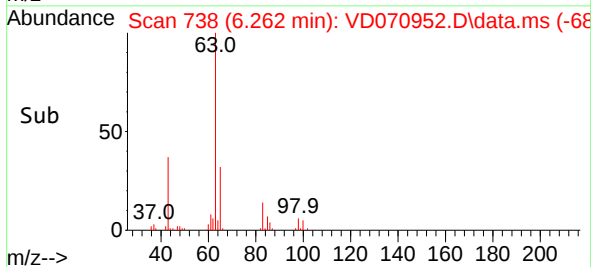
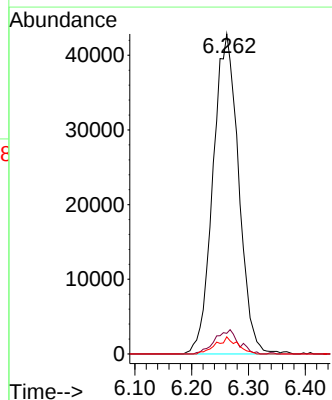
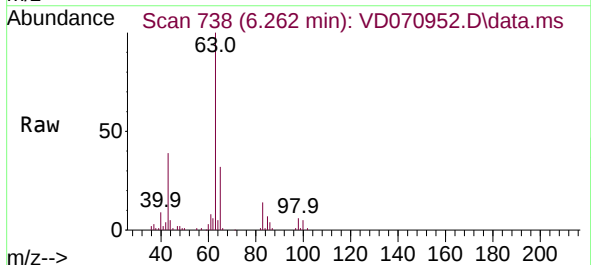
Instrument :  
 MSVOA\_D  
 ClientSampleId :

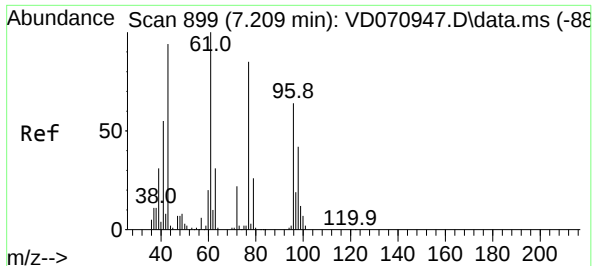
Tgt Ion: 43 Resp: 583493  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 18.191 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

Tgt Ion: 63 Resp: 134043  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.6  
 100 5.3 2.1 6.3

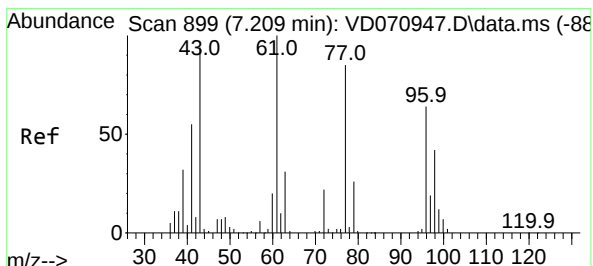
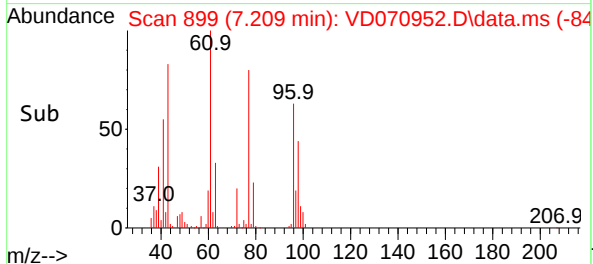
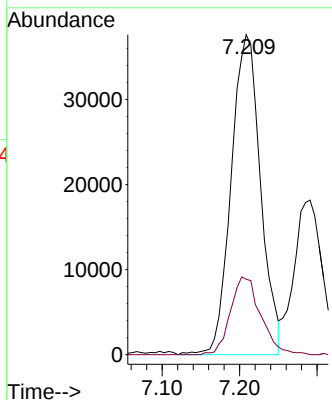
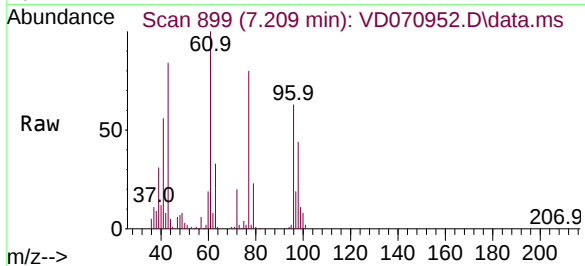




#25  
2-Butanone  
Concen: 90.214 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

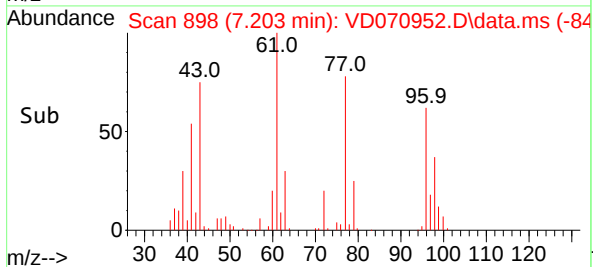
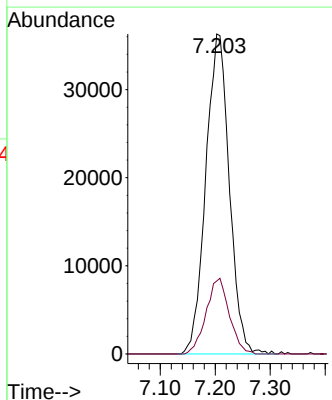
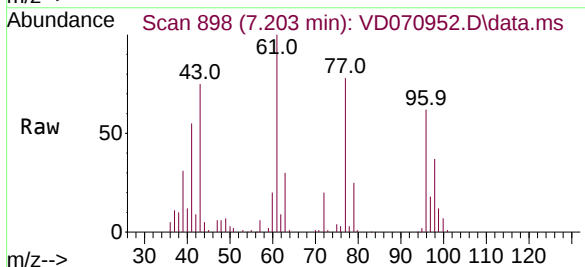
Instrument :  
MSVOA\_D  
ClientSampleId :

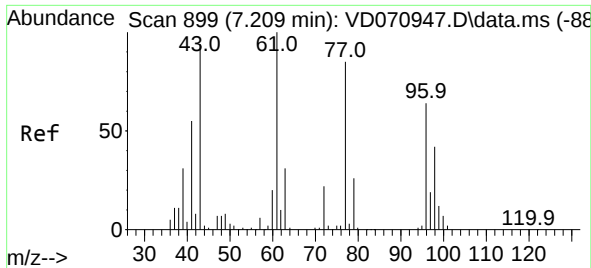
Tgt Ion: 43 Resp: 99137  
Ion Ratio Lower Upper  
43 100  
72 23.6 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 17.346 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 77 Resp: 107879  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.9 35.5

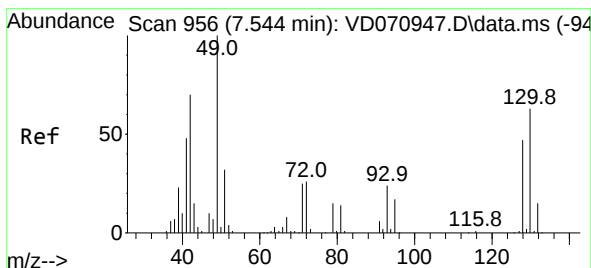
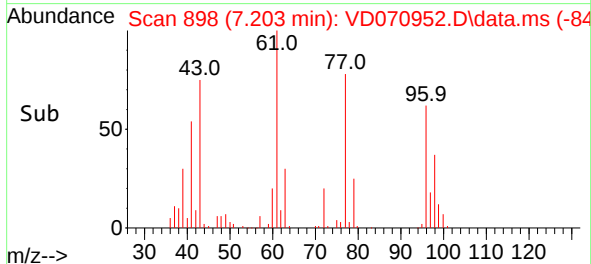
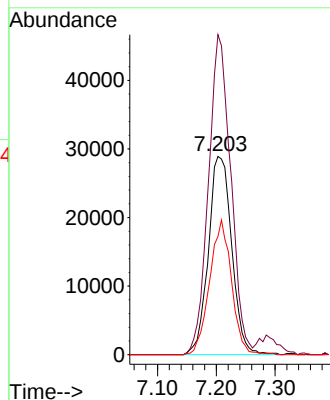
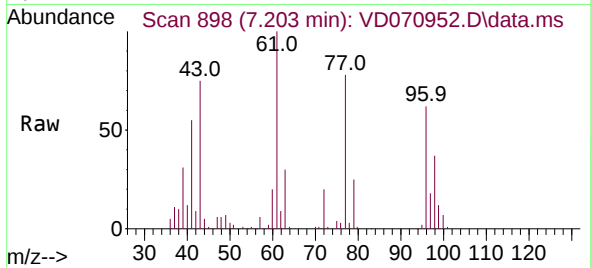




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.334 ug/l  
 RT: 7.203 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

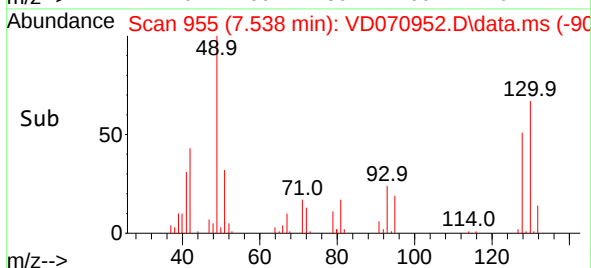
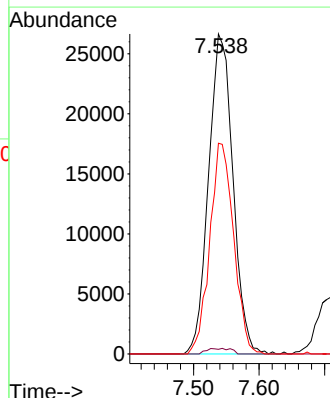
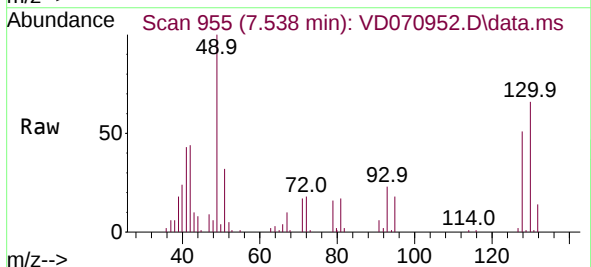
Instrument :  
 MSVOA\_D  
 ClientSampleId :

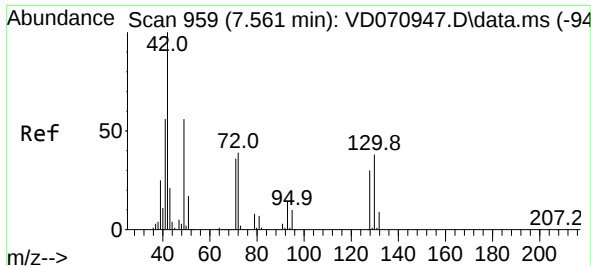
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 80033 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 153.9    | 0.0 288.6   |
| 98 63.5     | 0.0 129.2   |



#28  
 Bromochloromethane  
 Concen: 21.989 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.006 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 68726 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.9     | 0.0 4.0     |
| 130 64.4    | 60.2 90.2   |





#29

Tetrahydrofuran

Concen: 93.007 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

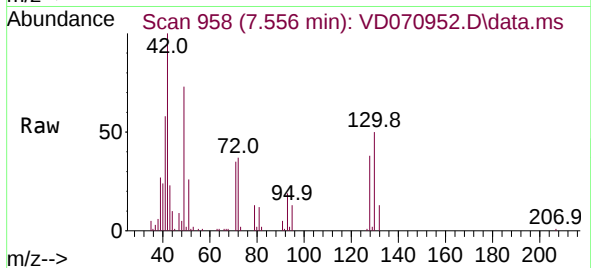
Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

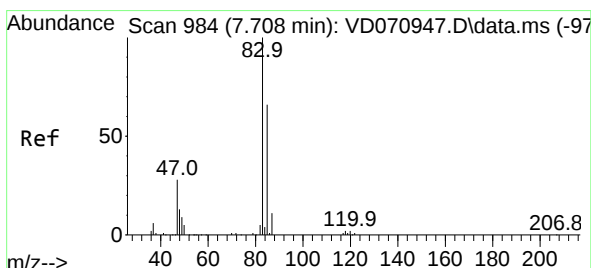
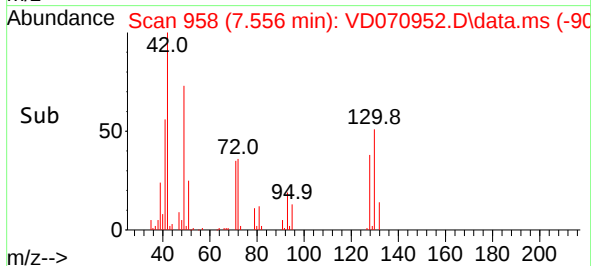
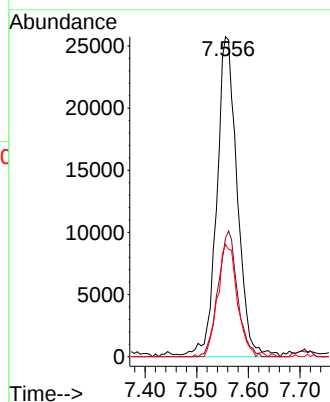
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 70594 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 37.2  | 33.7  | 50.5  |
| 71       | 33.5  | 32.7  | 49.1  |



#30

Chloroform

Concen: 18.264 ug/l

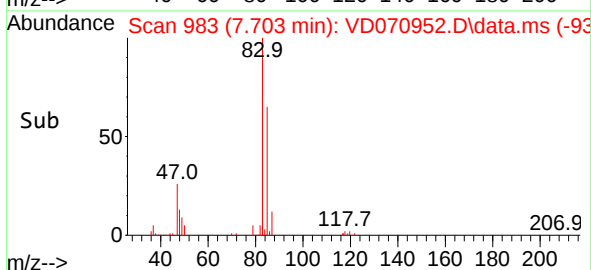
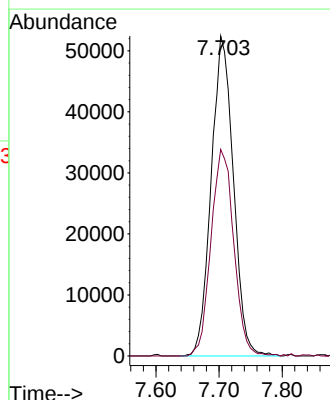
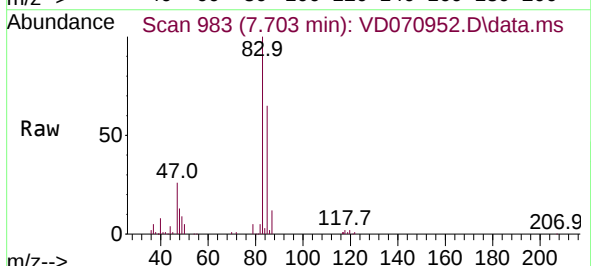
RT: 7.703 min Scan# 983

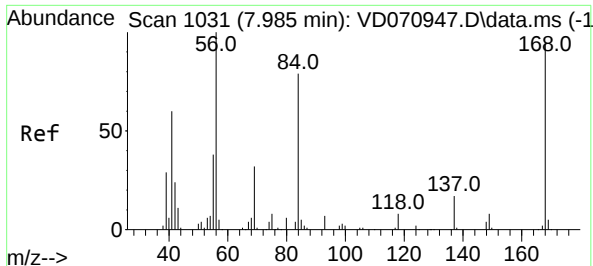
Delta R.T. -0.005 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 127959 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.5  | 51.0  | 76.6   |





#31

Cyclohexane

Concen: 17.116 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

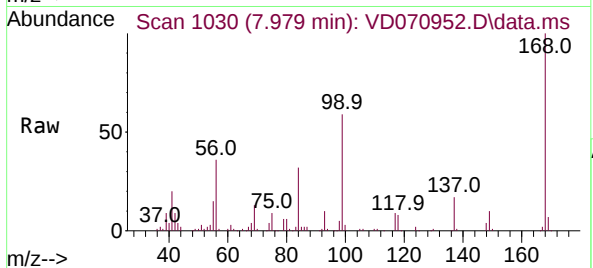
Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

ClientSampleId :



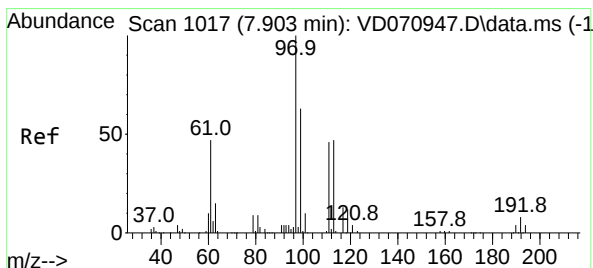
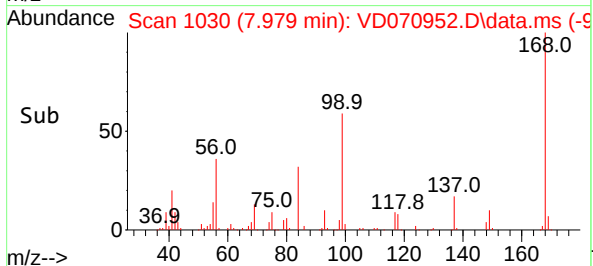
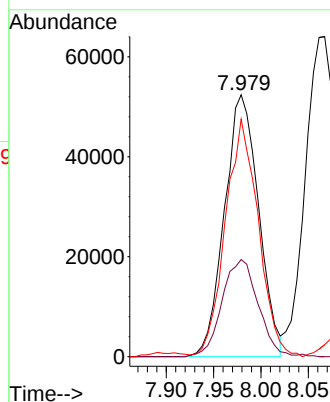
Tgt Ion: 56 Resp: 131493

Ion Ratio Lower Upper

56 100

69 37.1 25.9 38.9

84 89.6 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 17.916 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

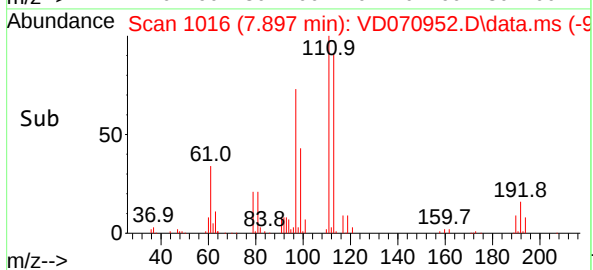
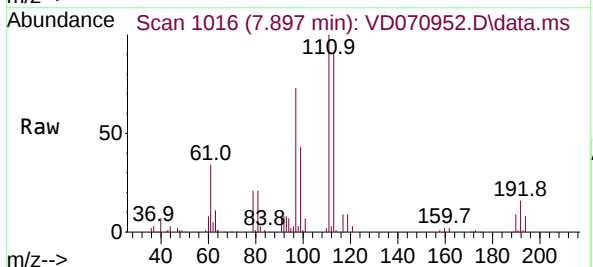
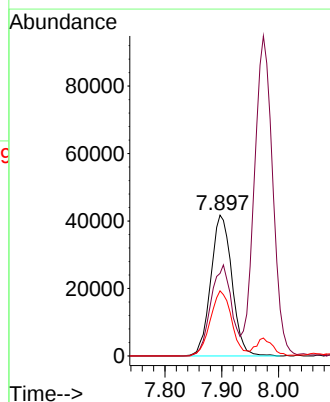
Tgt Ion: 97 Resp: 107804

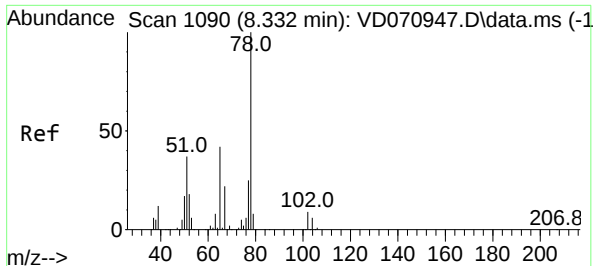
Ion Ratio Lower Upper

97 100

99 63.4 50.3 75.5

61 46.8 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.328 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

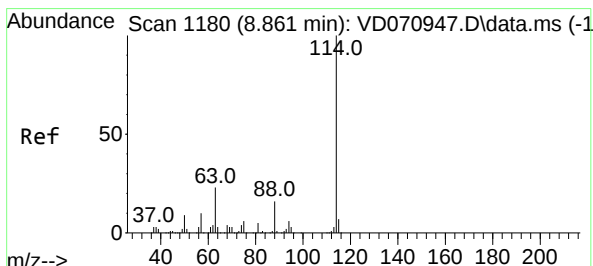
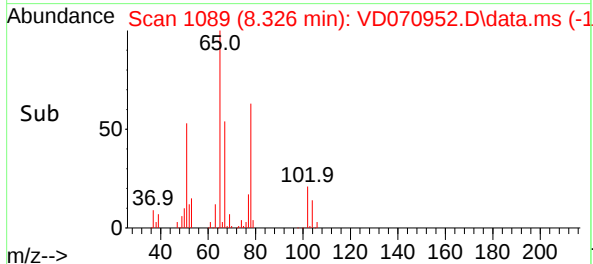
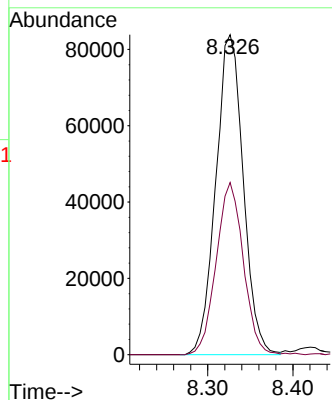
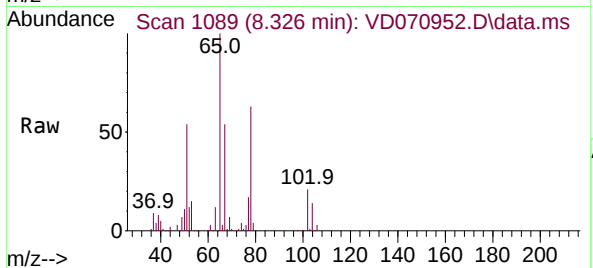
ClientSampleId :

Tgt Ion: 65 Resp: 188006

Ion Ratio Lower Upper

65 100

67 53.2 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: VD070952.D

Acq: 09 Nov 2021 16:20

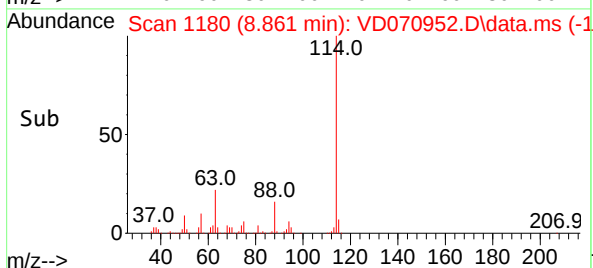
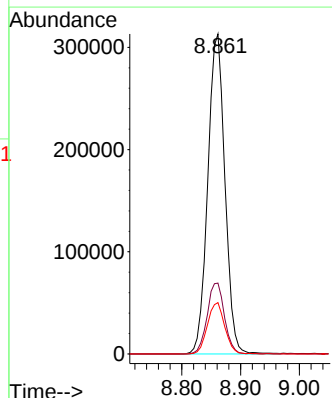
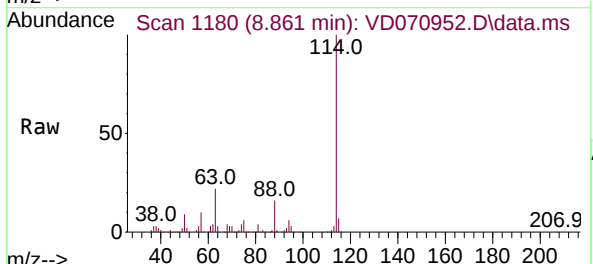
Tgt Ion: 114 Resp: 635791

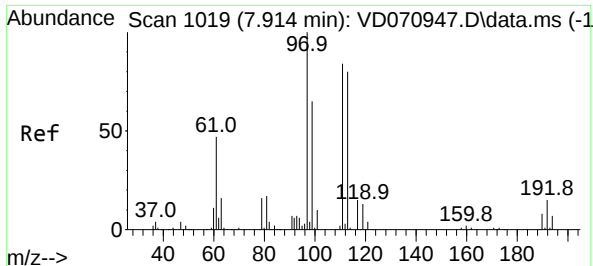
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.012 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

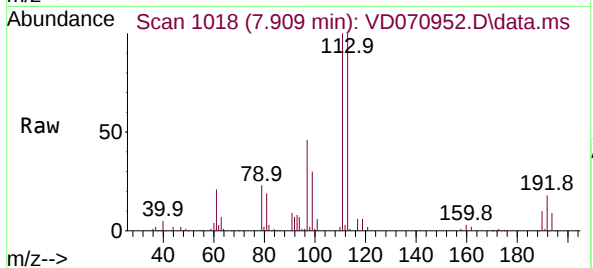
Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

ClientSampleId :



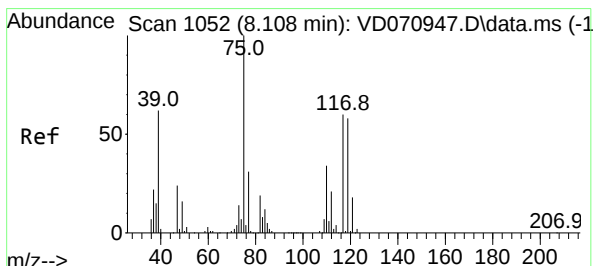
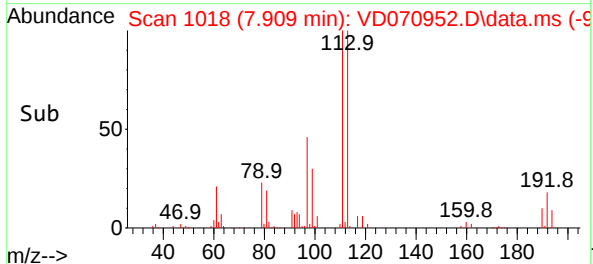
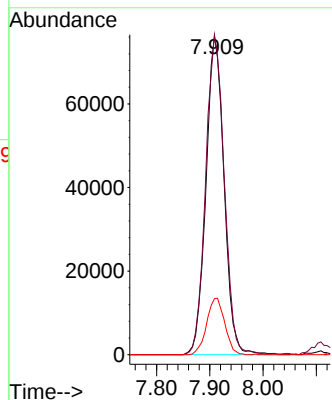
Tgt Ion:113 Resp: 179424

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 17.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 17.535 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

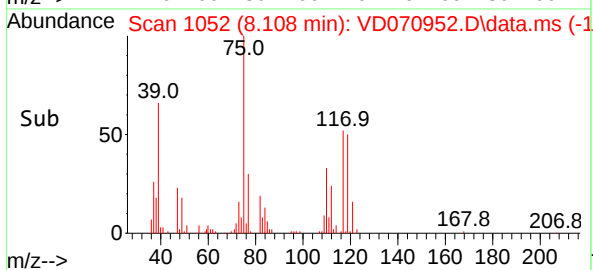
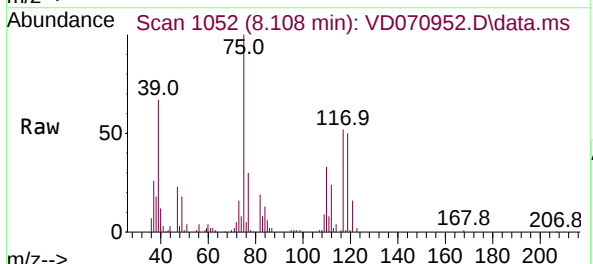
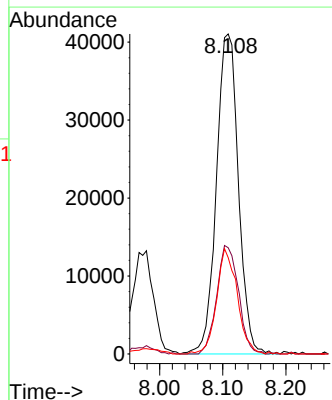
Tgt Ion: 75 Resp: 99539

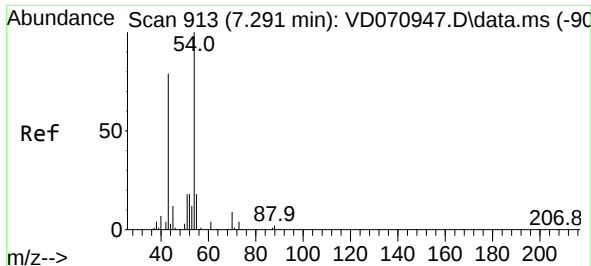
Ion Ratio Lower Upper

75 100

110 33.4 17.8 53.4

77 30.8 24.8 37.2

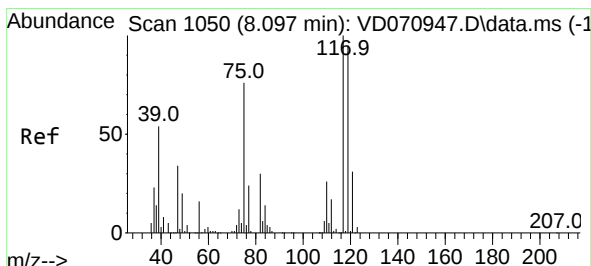
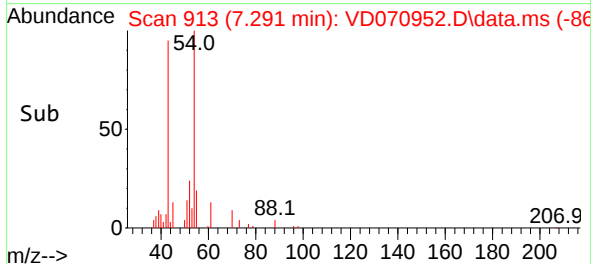
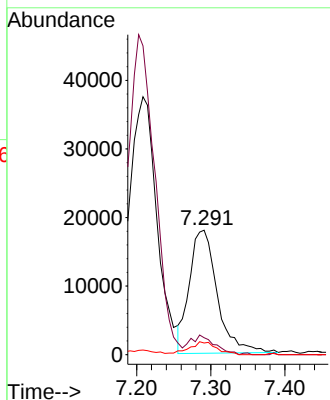
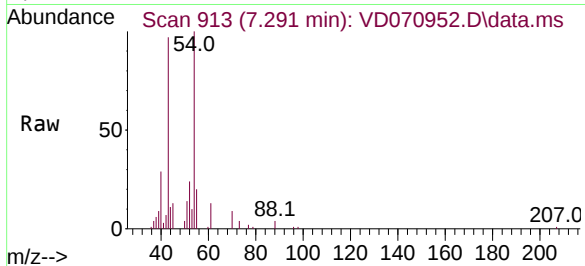




#37  
Ethyl Acetate  
Concen: 18.153 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

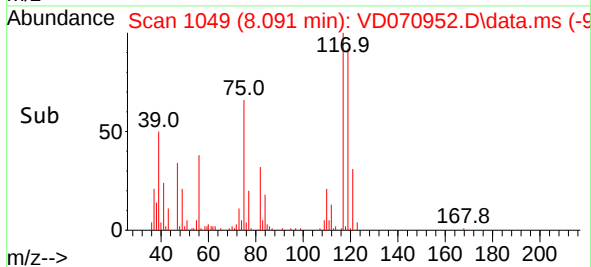
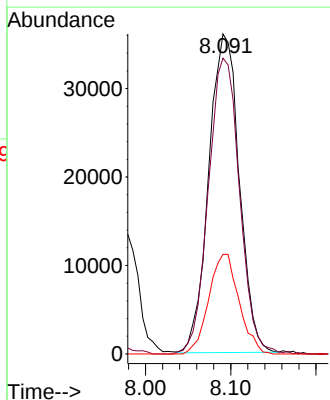
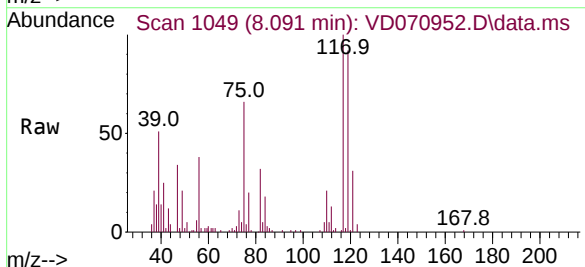
Instrument :  
MSVOA\_D  
ClientSampleId :

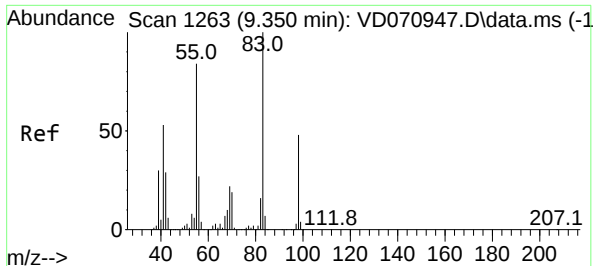
Tgt Ion: 43 Resp: 47015  
Ion Ratio Lower Upper  
43 100  
61 13.9 13.0 19.6  
70 10.4 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 17.164 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 117 Resp: 89728  
Ion Ratio Lower Upper  
117 100  
119 92.3 75.8 113.6  
121 31.3 23.6 35.4





#39

Methylcyclohexane

Concen: 16.826 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

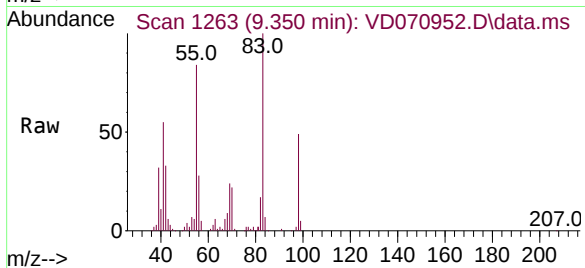
Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

ClientSampleId :



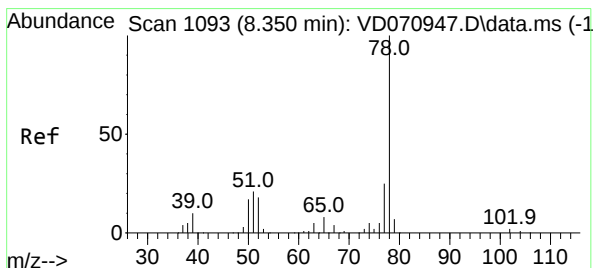
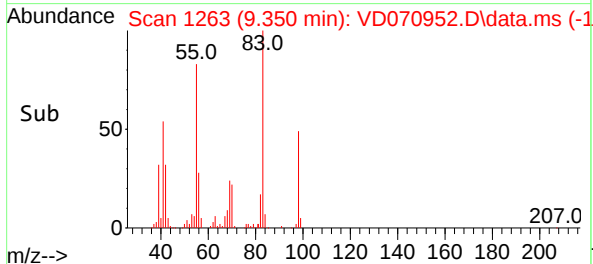
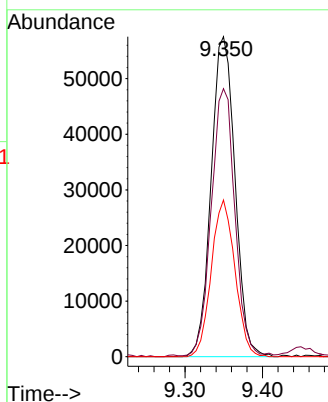
Tgt Ion: 83 Resp: 123356

Ion Ratio Lower Upper

83 100

55 83.5 65.8 98.8

98 48.9 38.7 58.1



#40

Benzene

Concen: 18.024 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD070952.D

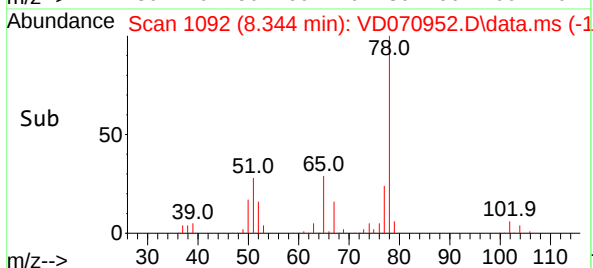
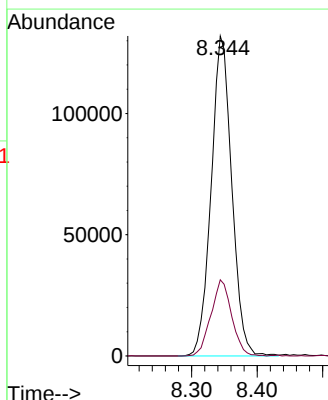
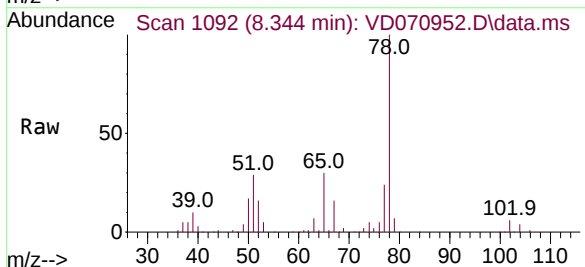
Acq: 09 Nov 2021 16:20

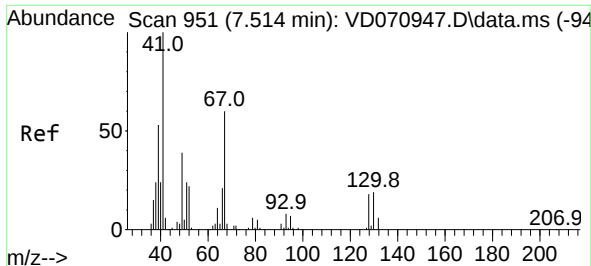
Tgt Ion: 78 Resp: 288143

Ion Ratio Lower Upper

78 100

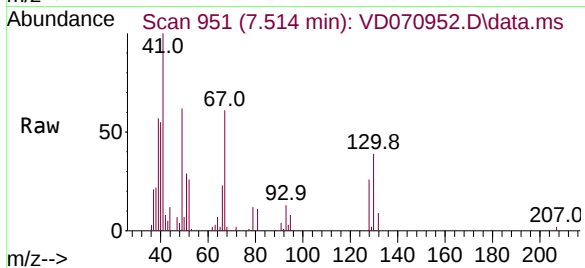
77 23.8 19.1 28.7



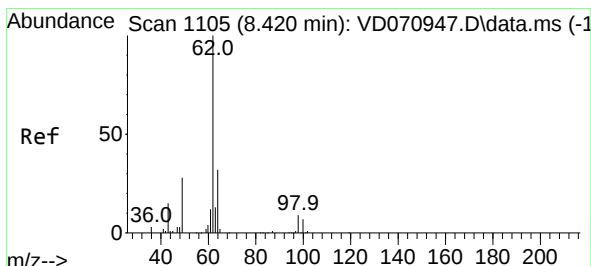
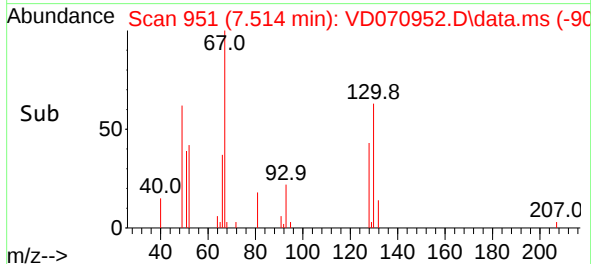
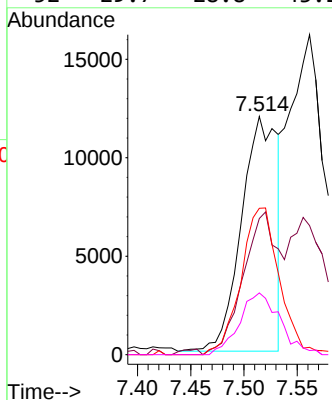


#41  
Methacrylonitrile  
Concen: 17.242 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Instrument :  
MSVOA\_D  
ClientSampleId :

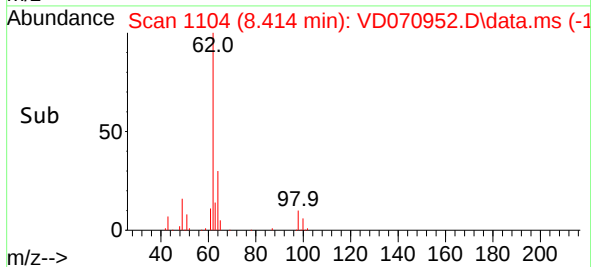
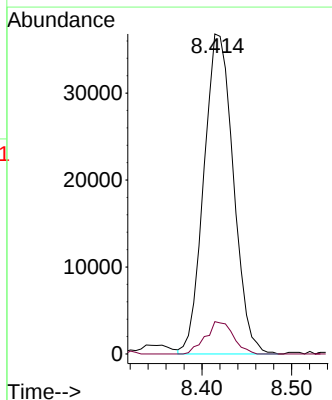
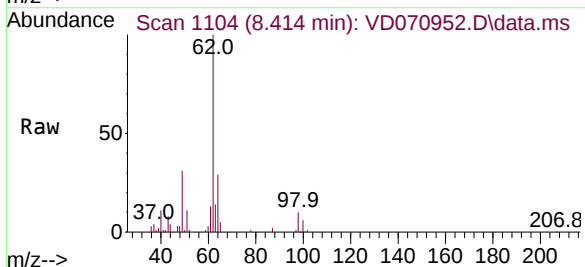


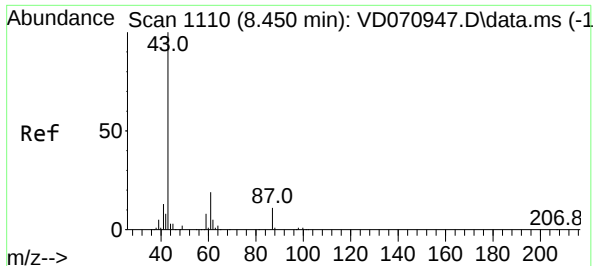
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 27992  |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 61.7  | 60.2  | 90.4   |
| 67        | 66.7  | 74.8  | 112.2# |
| 52        | 29.7  | 28.8  | 43.2   |



#42  
1,2-Dichloroethane  
Concen: 18.572 ug/l  
RT: 8.414 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

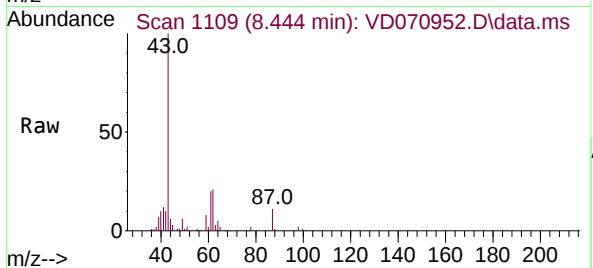
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 84098 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 9.5   | 0.0   | 21.8  |



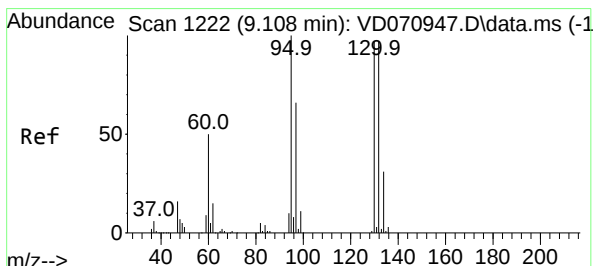
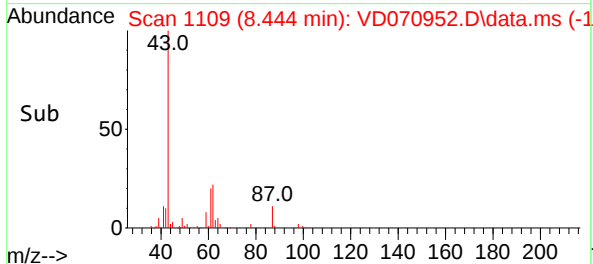
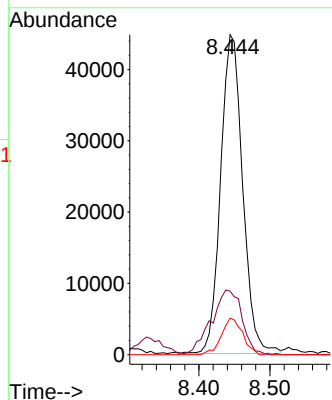


#43  
Isopropyl Acetate  
Concen: 17.570 ug/l  
RT: 8.444 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Instrument :  
MSVOA\_D  
ClientSampleId :

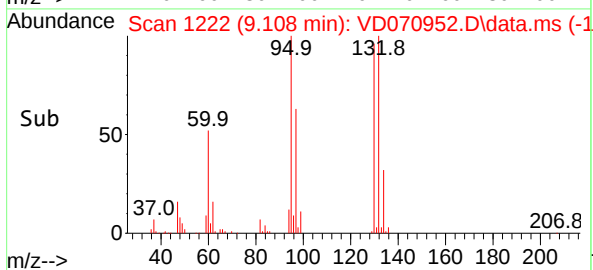
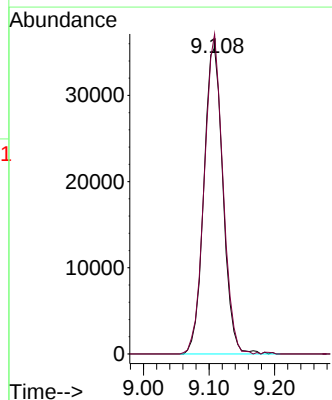
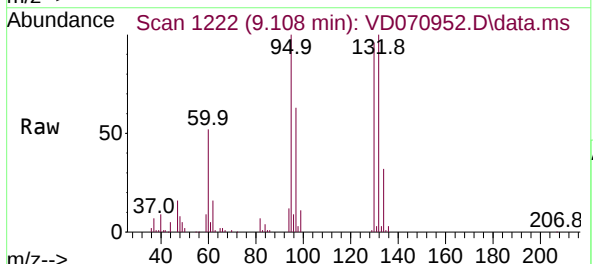


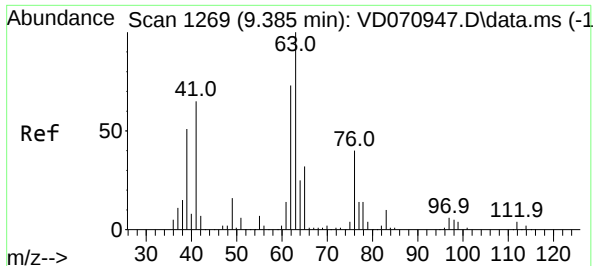
Tgt Ion: 43 Resp: 96301  
Ion Ratio Lower Upper  
43 100  
61 28.1 28.2 42.4#  
87 11.0 10.7 16.1



#44  
Trichloroethene  
Concen: 17.522 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion:130 Resp: 72201  
Ion Ratio Lower Upper  
130 100  
95 104.6 0.0 193.2





#45

1,2-Dichloropropane

Concen: 18.091 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

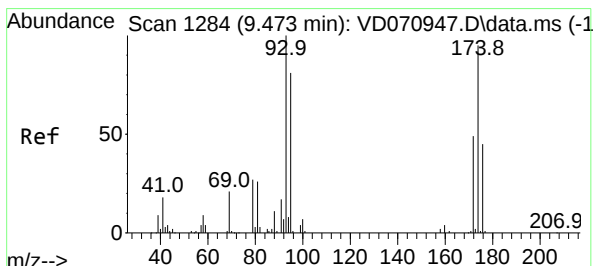
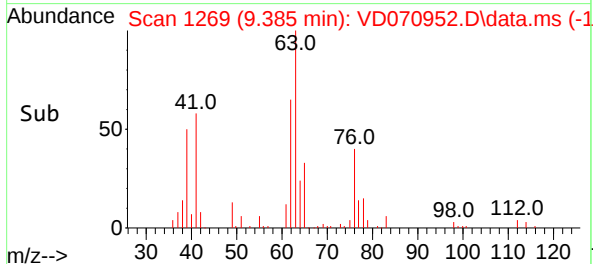
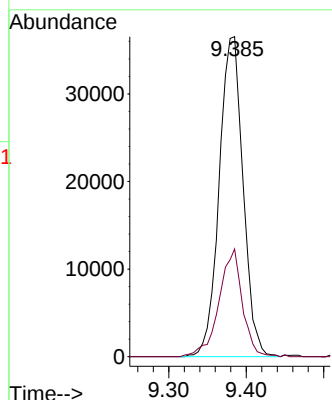
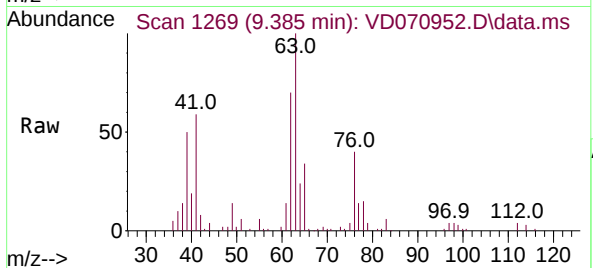
ClientSampleId :

Tgt Ion: 63 Resp: 78216

Ion Ratio Lower Upper

63 100

65 33.6 24.2 36.2



#46

Dibromomethane

Concen: 18.559 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

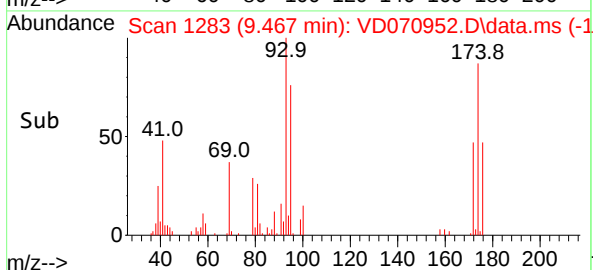
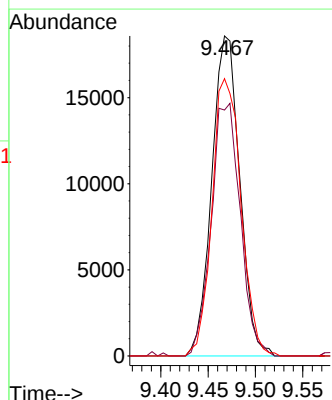
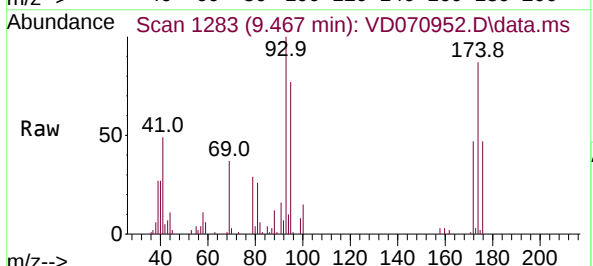
Tgt Ion: 93 Resp: 38193

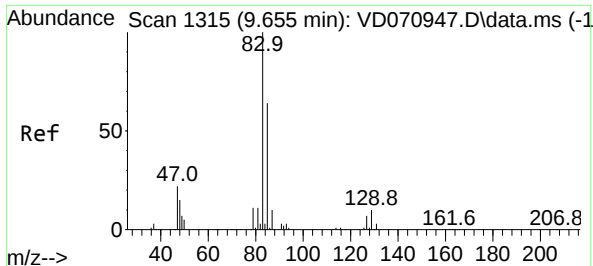
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 89.8 78.6 117.8





#47

Bromodichloromethane

Concen: 18.119 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

ClientSampleId :

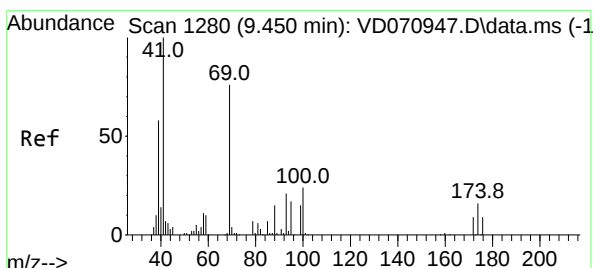
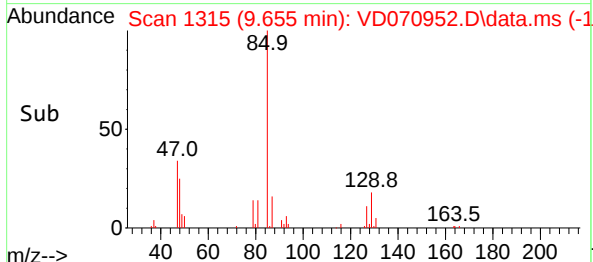
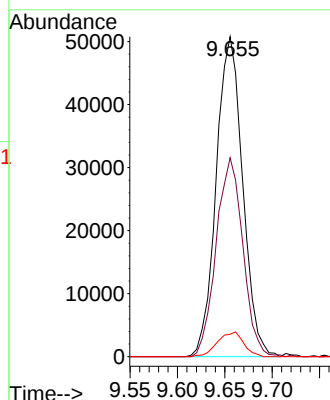
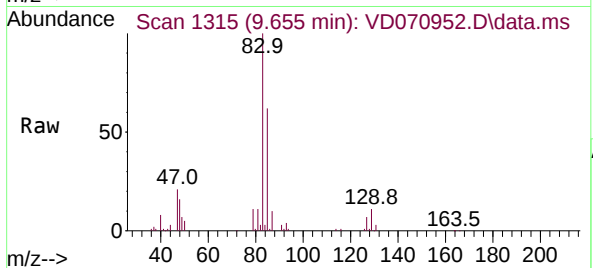
Tgt Ion: 83 Resp: 98622

Ion Ratio Lower Upper

83 100

85 62.1 50.0 75.0

127 7.0 7.3 10.9#



#48

Methyl methacrylate

Concen: 17.942 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

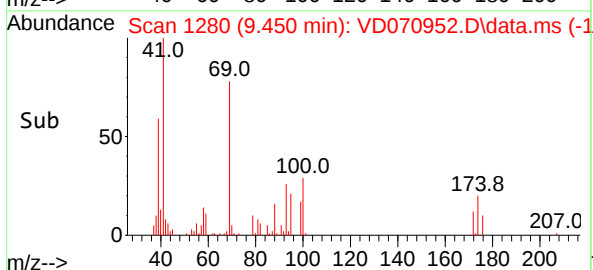
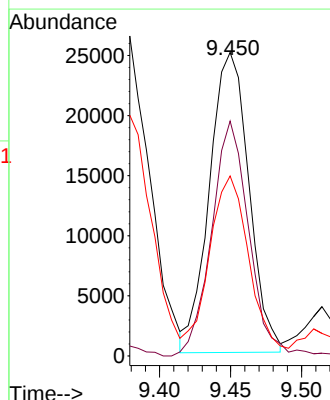
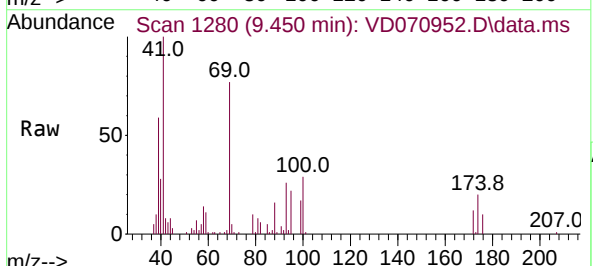
Tgt Ion: 41 Resp: 48242

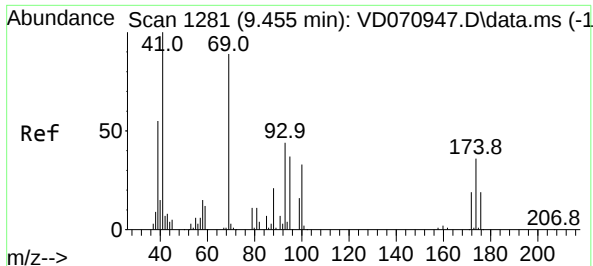
Ion Ratio Lower Upper

41 100

69 74.4 69.8 104.6

39 55.4 35.6 53.4#





#49

1,4-Dioxane

Concen: 351.082 ug/l

RT: 9.455 min Scan# 1

Delta R.T. 0.000 min

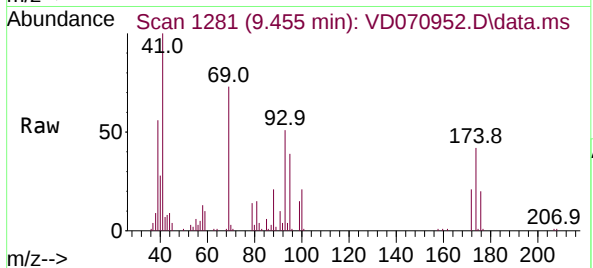
Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

ClientSampleId :



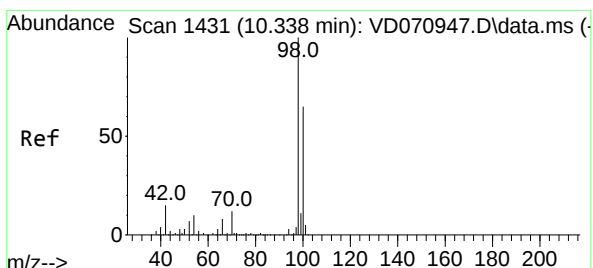
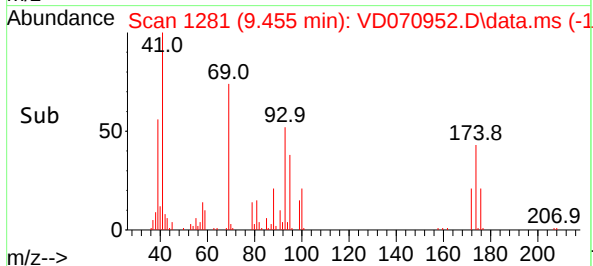
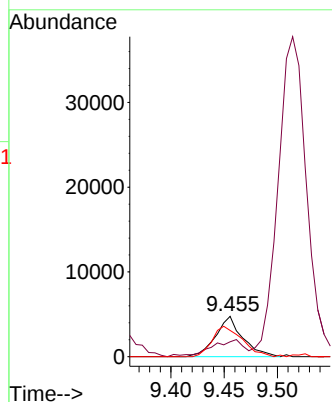
Tgt Ion: 88 Resp: 8371

Ion Ratio Lower Upper

88 100

43 51.0 28.9 43.3#

58 83.7 56.3 84.5



#50

Toluene-d8

Concen: 49.224 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD070952.D

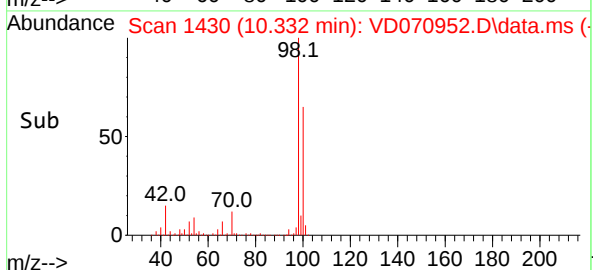
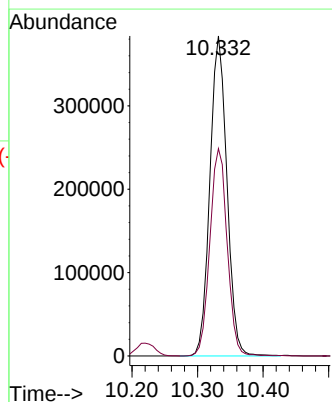
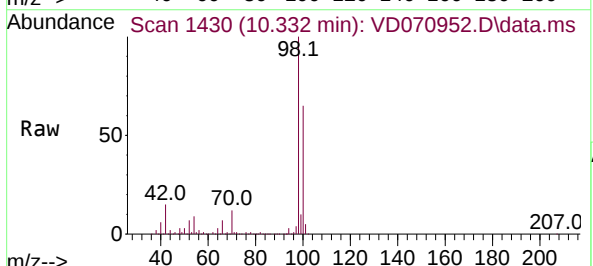
Acq: 09 Nov 2021 16:20

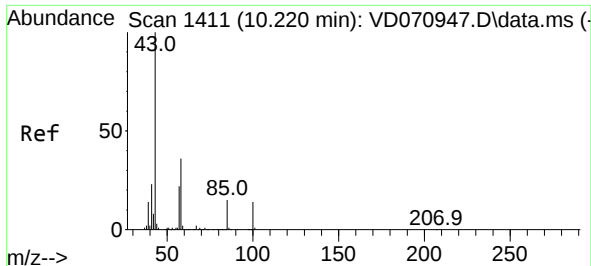
Tgt Ion: 98 Resp: 691598

Ion Ratio Lower Upper

98 100

100 66.0 51.8 77.6

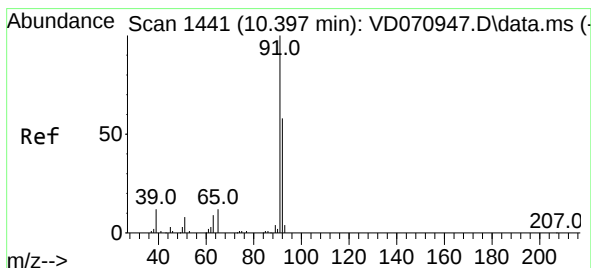
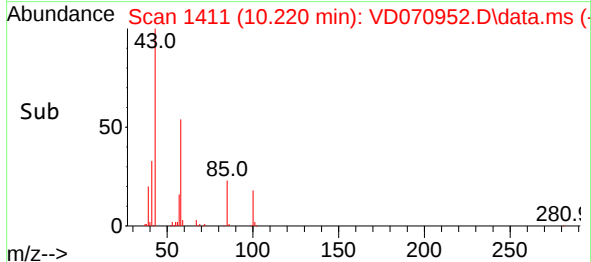
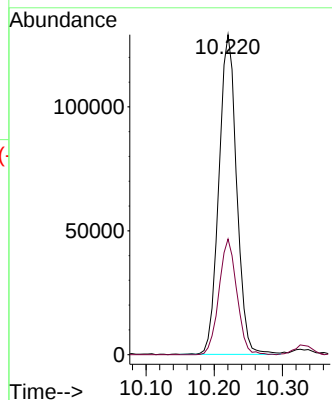
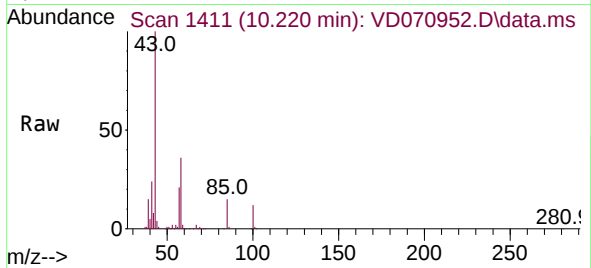




#51  
4-Methyl-2-Pentanone  
Concen: 88.113 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

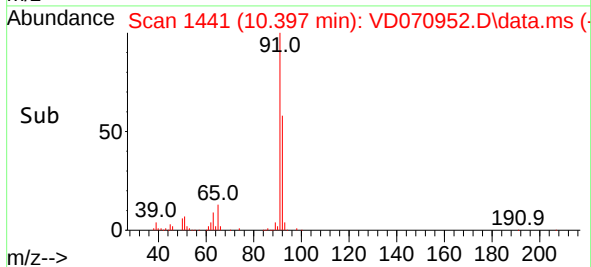
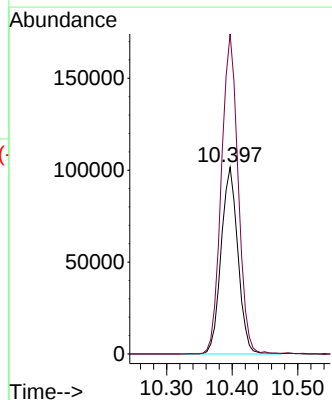
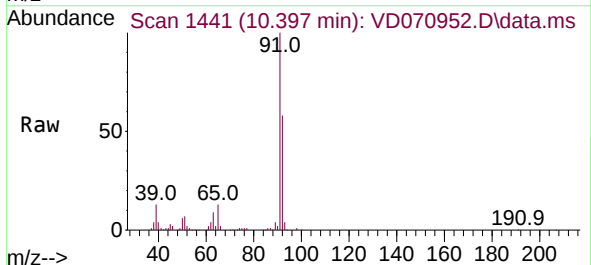
Instrument :  
MSVOA\_D  
ClientSampleId :

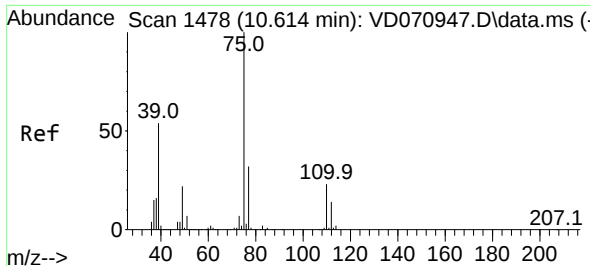
Tgt Ion: 43 Resp: 234146  
Ion Ratio Lower Upper  
43 100  
58 36.4 33.1 49.7



#52  
Toluene  
Concen: 17.828 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 92 Resp: 179658  
Ion Ratio Lower Upper  
92 100  
91 171.8 140.7 211.1

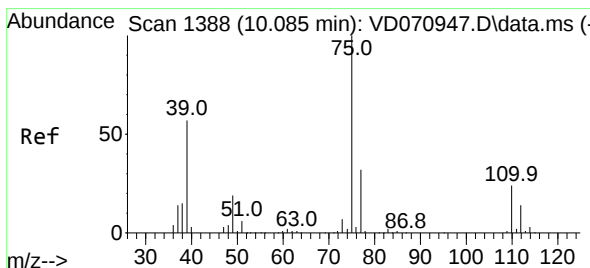
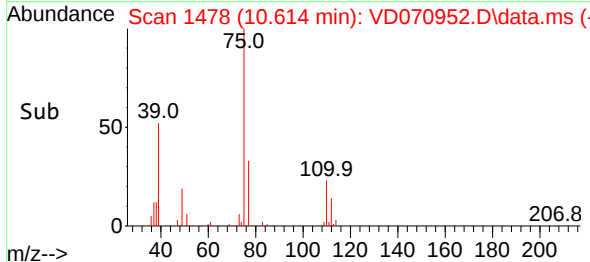
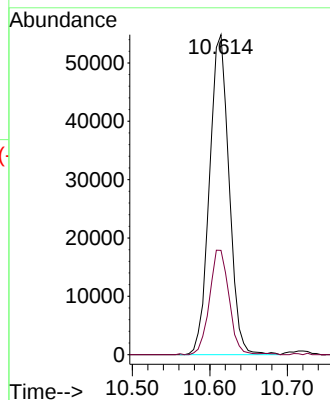
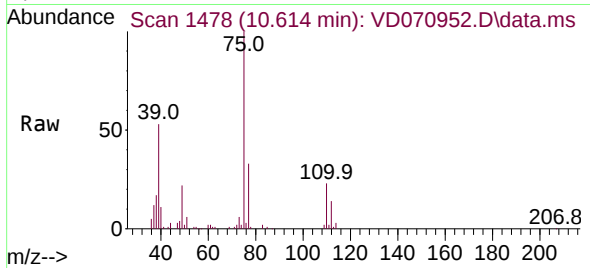




#53  
 t-1,3-Dichloropropene  
 Concen: 17.530 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

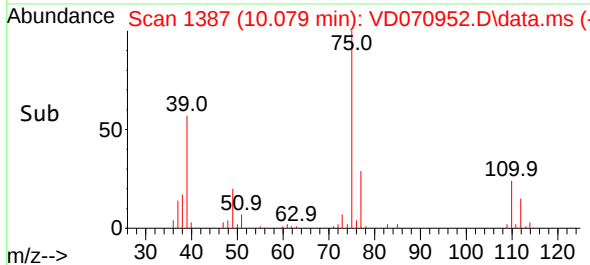
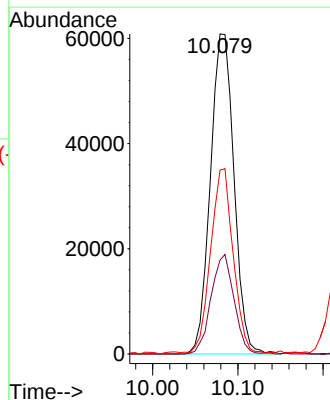
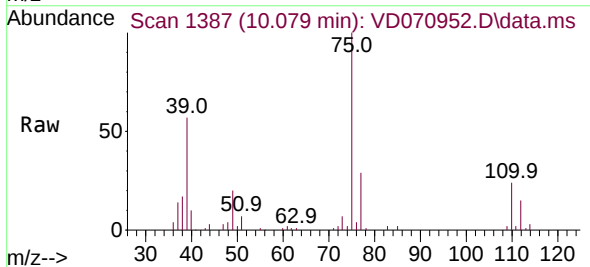
Instrument :  
 MSVOA\_D  
 ClientSampleId :

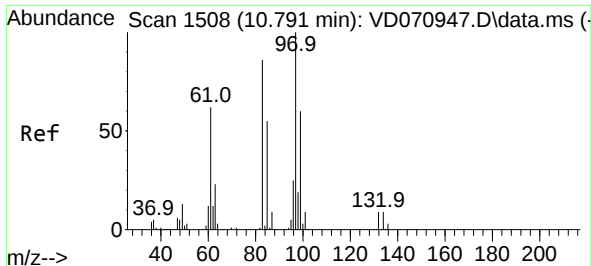
Tgt Ion: 75 Resp: 96224  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.138 ug/l  
 RT: 10.079 min Scan# 1387  
 Delta R.T. -0.006 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

Tgt Ion: 75 Resp: 117404  
 Ion Ratio Lower Upper  
 75 100  
 77 29.3 25.0 37.6  
 39 57.0 31.6 47.4#

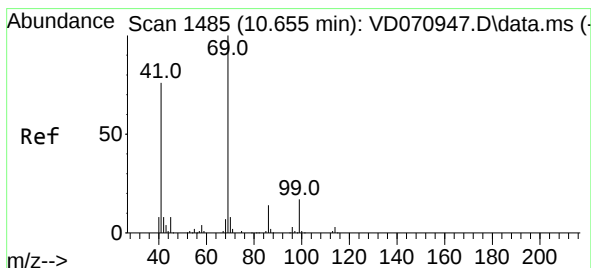
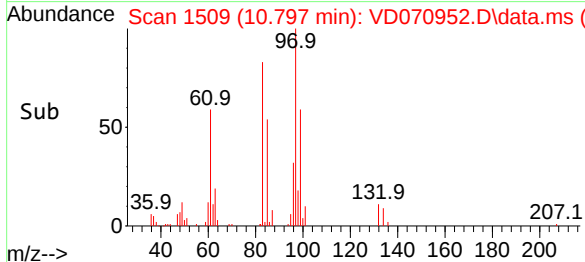
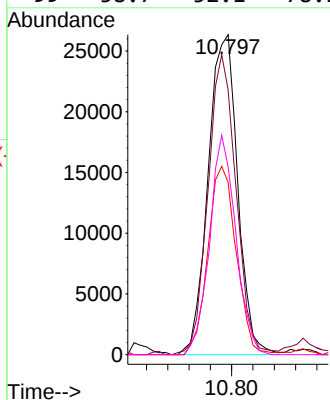
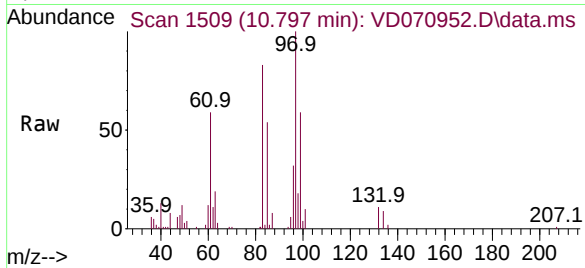




#55  
1,1,2-Trichloroethane  
Concen: 17.912 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

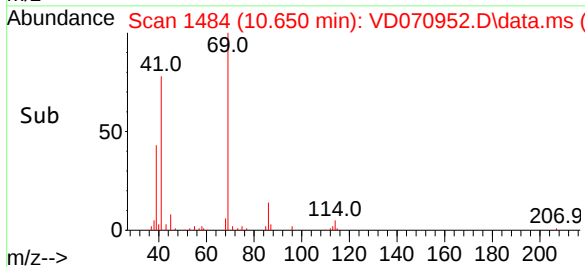
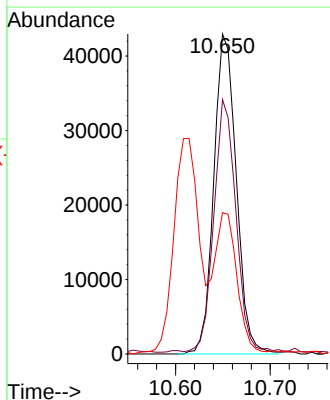
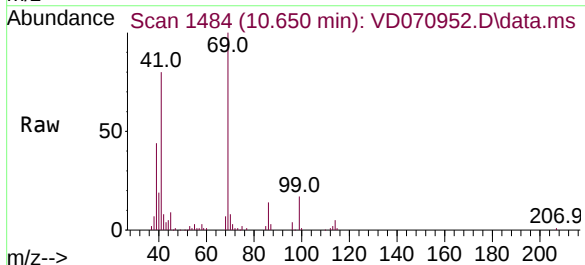
Instrument :  
MSVOA\_D  
ClientSampleId :

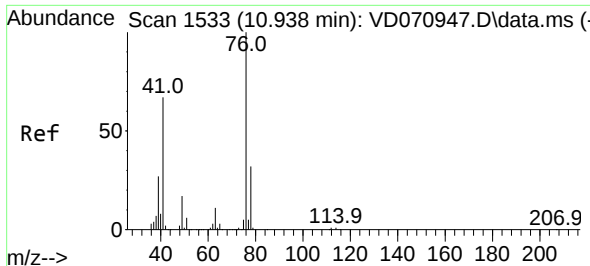
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 50661 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.1  | 65.2  | 97.8  |
| 85       | 53.8  | 43.4  | 65.0  |
| 99       | 58.7  | 52.1  | 78.1  |



#56  
Ethyl methacrylate  
Concen: 17.735 ug/l  
RT: 10.650 min Scan# 1484  
Delta R.T. -0.005 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 70973 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 77.9  | 50.2  | 75.2# |
| 39       | 43.9  | 19.8  | 29.8# |





#57

1,3-Dichloropropane

Concen: 18.616 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD070952.D

Acq: 09 Nov 2021 16:20

Instrument :

MSVOA\_D

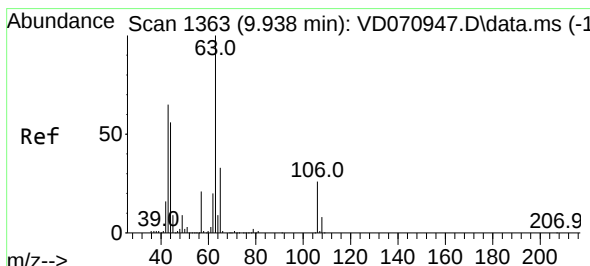
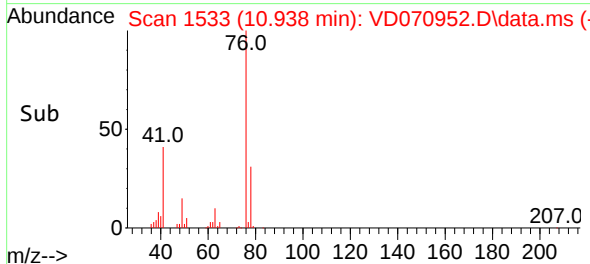
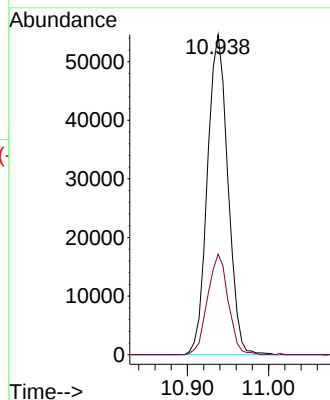
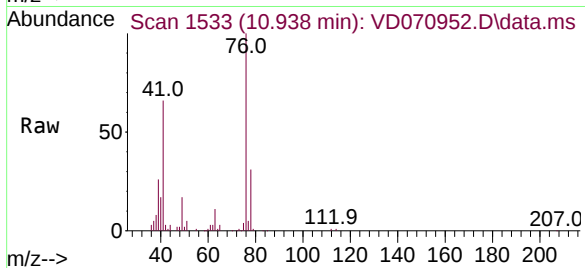
ClientSampleId :

Tgt Ion: 76 Resp: 95617

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.663 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD070952.D

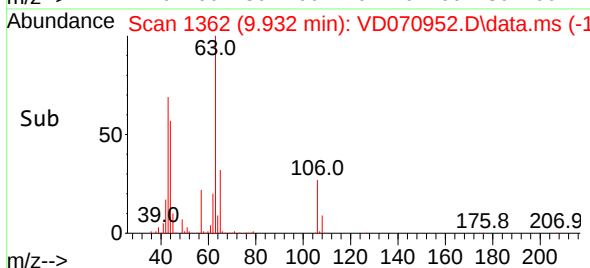
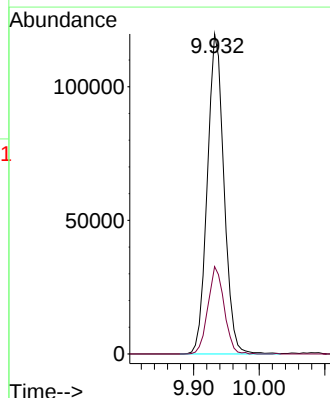
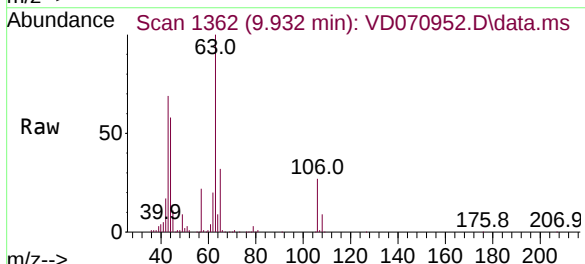
Acq: 09 Nov 2021 16:20

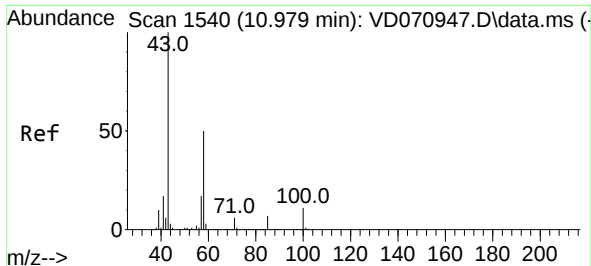
Tgt Ion: 63 Resp: 211504

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

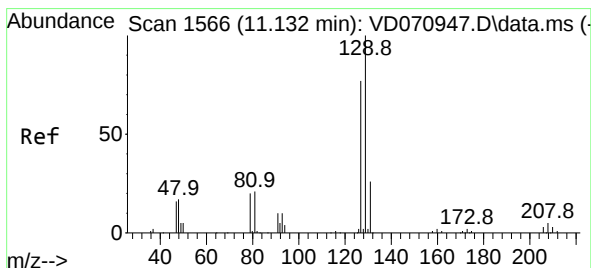
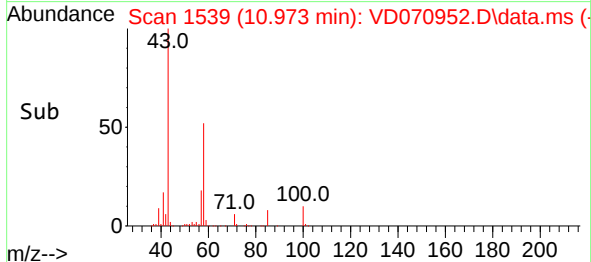
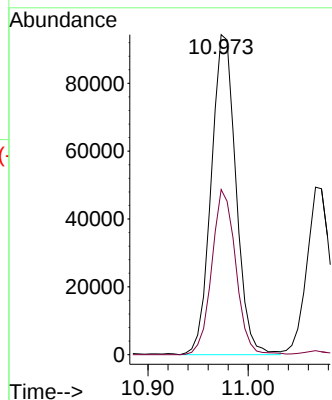
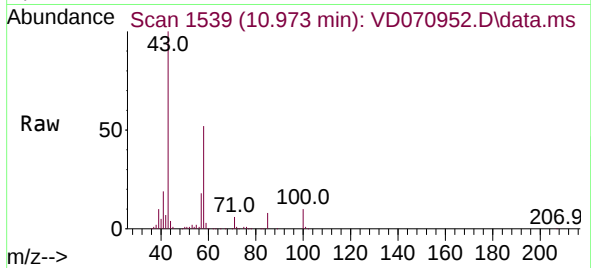




#59  
2-Hexanone  
Concen: 88.855 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

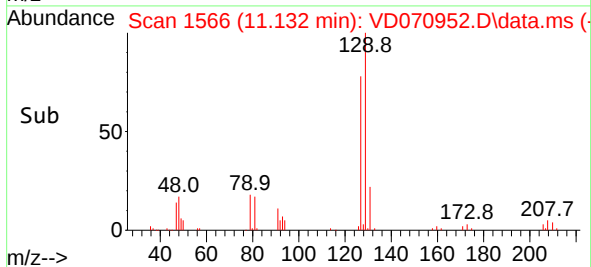
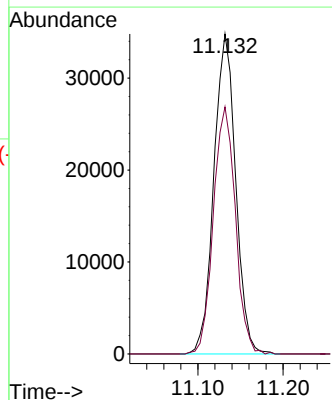
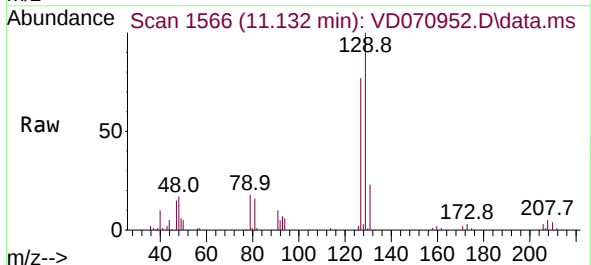
Instrument :  
MSVOA\_D  
ClientSampleId :

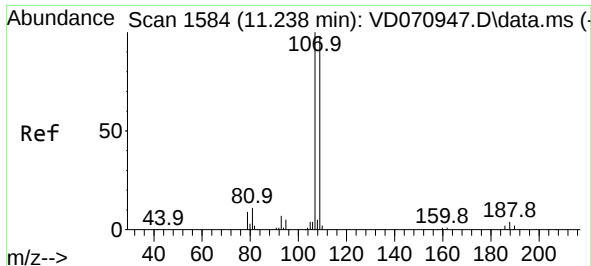
Tgt Ion: 43 Resp: 161843  
Ion Ratio Lower Upper  
43 100  
58 49.9 28.7 86.1



#60  
Dibromochloromethane  
Concen: 18.231 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 129 Resp: 61859  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.9 116.6

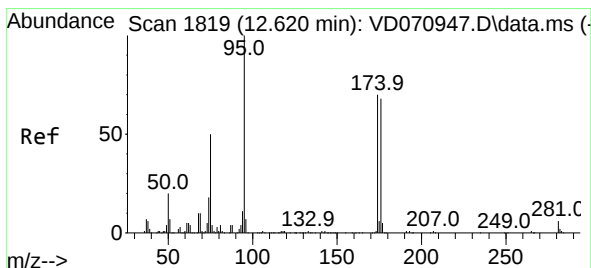
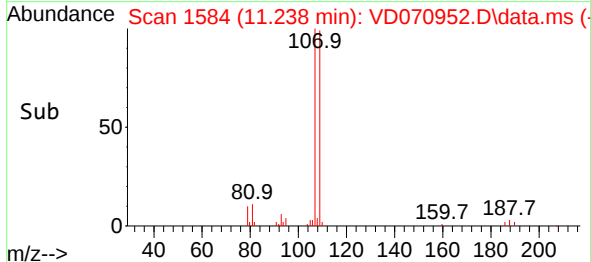
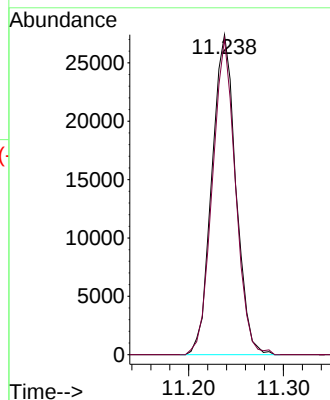
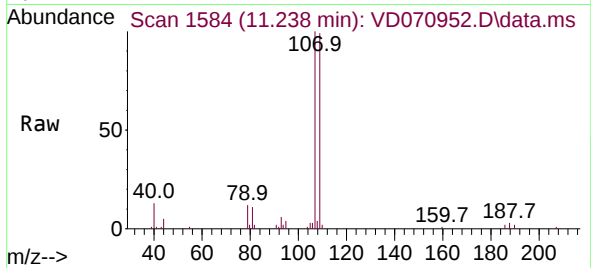




#61  
1,2-Dibromoethane  
Concen: 17.527 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

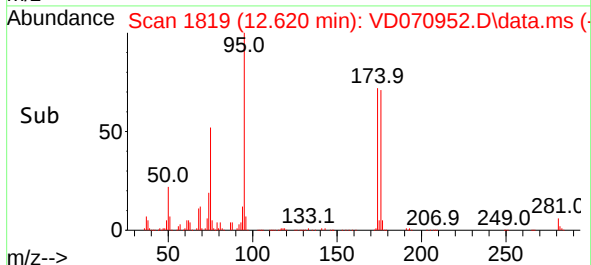
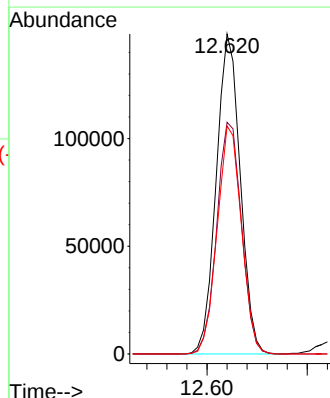
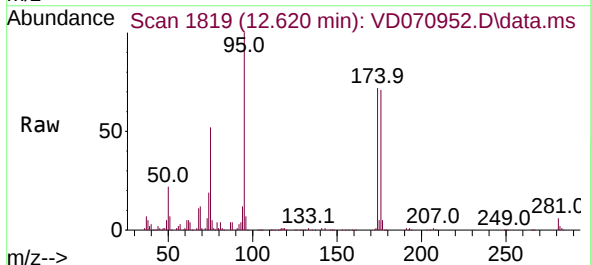
Instrument :  
MSVOA\_D  
ClientSampleId :

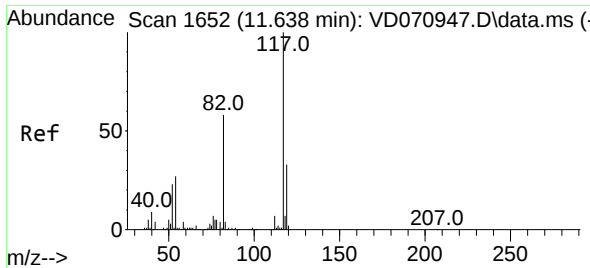
Tgt Ion:107 Resp: 48222  
Ion Ratio Lower Upper  
107 100  
109 94.9 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 48.711 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 95 Resp: 246424  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 159.4  
176 72.0 0.0 154.0

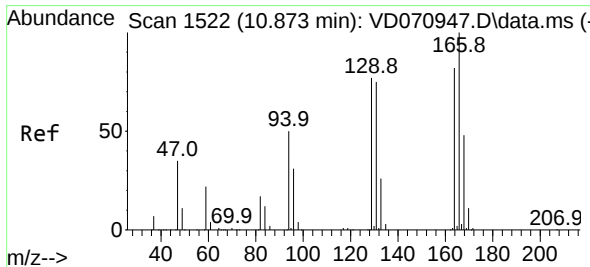
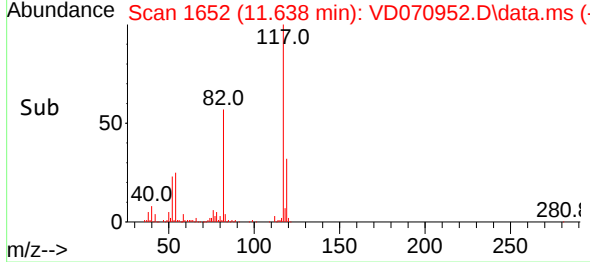
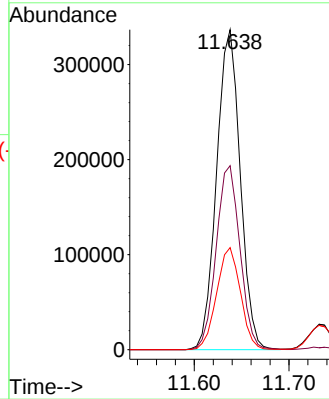
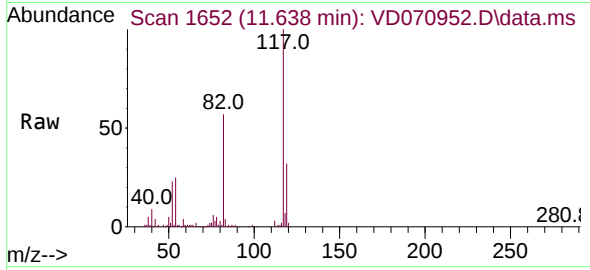




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

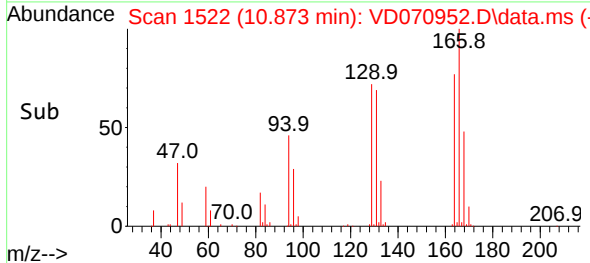
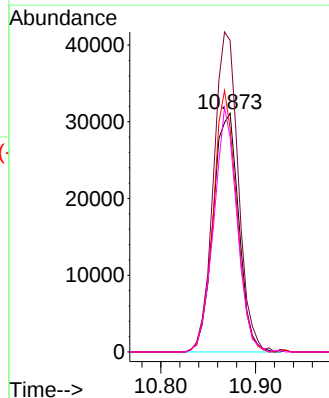
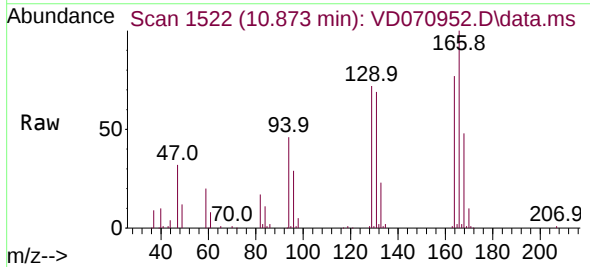
Instrument :  
MSVOA\_D  
ClientSampleId :

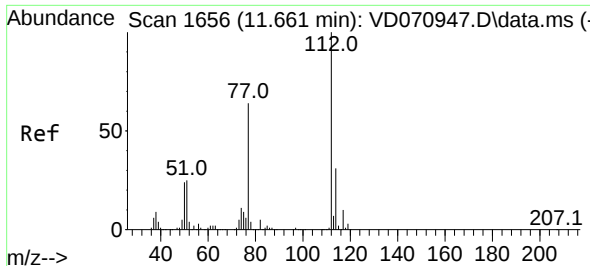
Tgt Ion:117 Resp: 584317  
Ion Ratio Lower Upper  
117 100  
82 57.5 44.7 67.1  
119 31.9 26.2 39.4



#64  
Tetrachloroethene  
Concen: 17.168 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion:164 Resp: 58496  
Ion Ratio Lower Upper  
164 100  
166 130.6 102.6 153.8  
129 93.8 75.4 113.0  
131 90.0 70.6 106.0

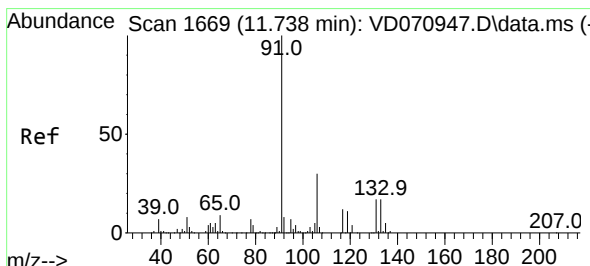
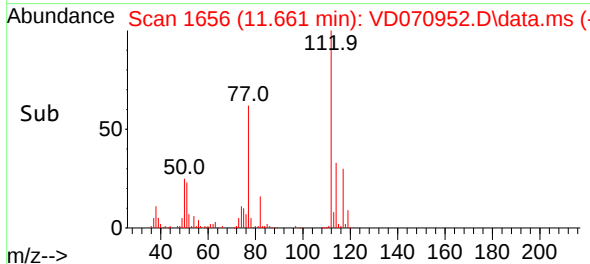
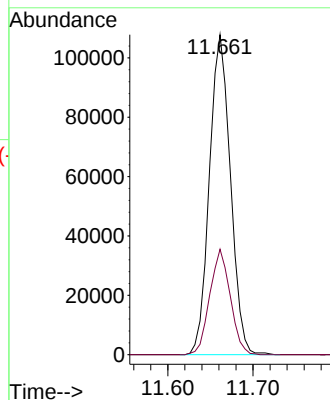
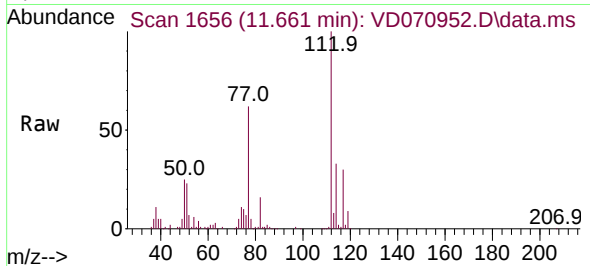




#65  
Chlorobenzene  
Concen: 17.745 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

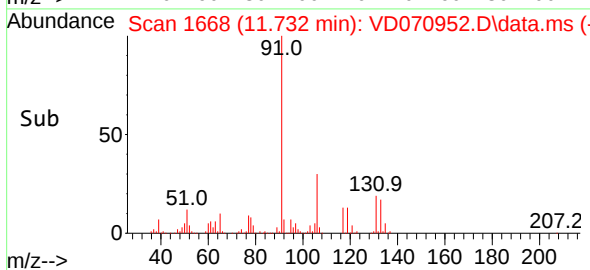
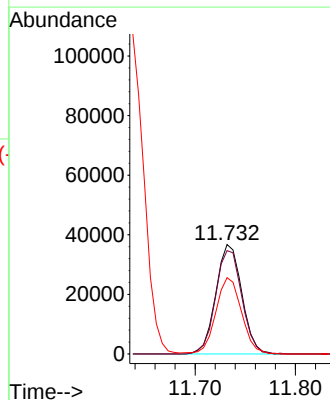
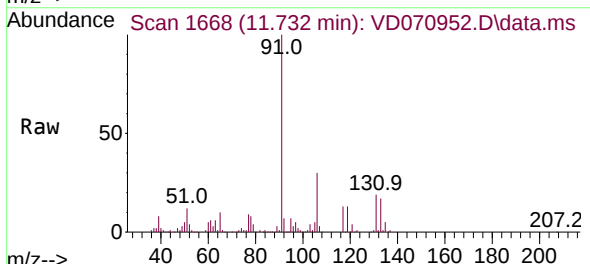
Instrument :  
MSVOA\_D  
ClientSampleId :

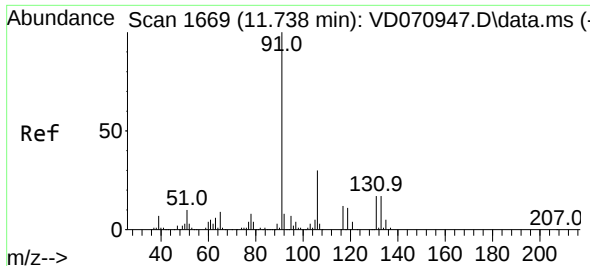
Tgt Ion:112 Resp: 185004  
Ion Ratio Lower Upper  
112 100  
114 33.0 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.863 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion:131 Resp: 66098  
Ion Ratio Lower Upper  
131 100  
133 95.6 48.0 144.0  
119 69.0 33.5 100.4

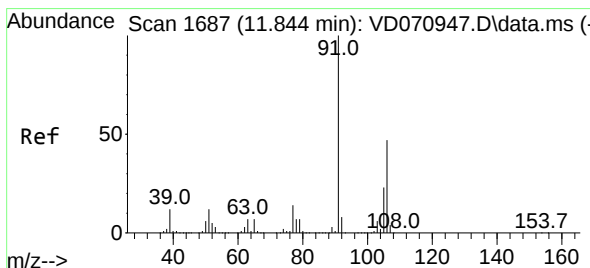
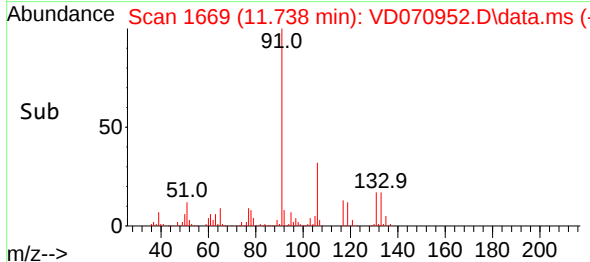
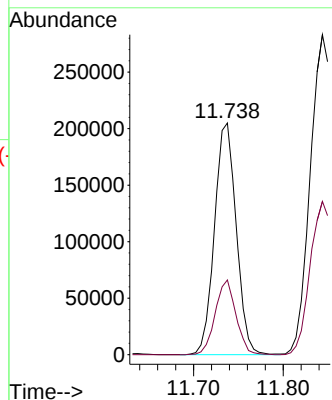
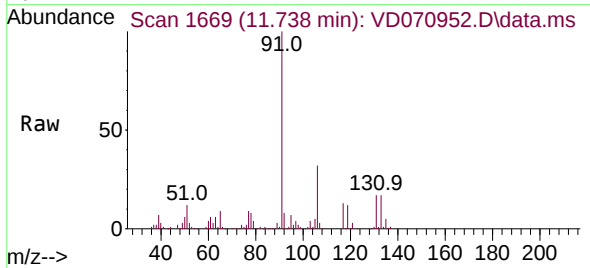




#67  
Ethyl Benzene  
Concen: 17.473 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

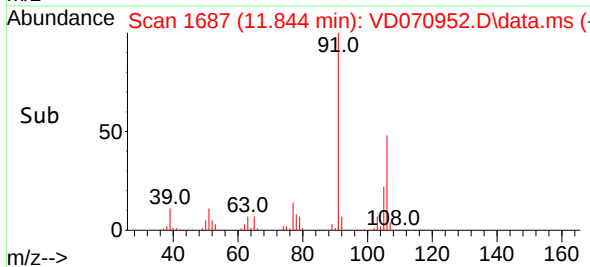
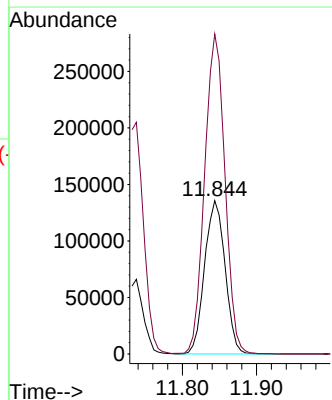
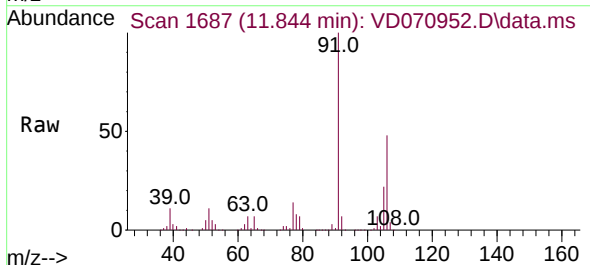
Instrument :  
MSVOA\_D  
ClientSampleId :

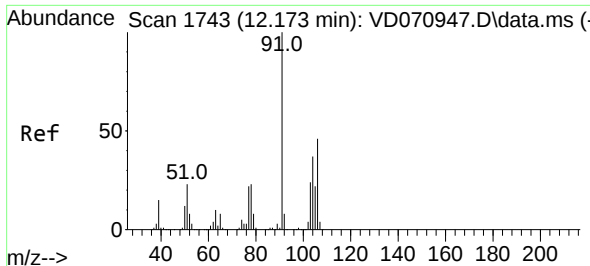
Tgt Ion: 91 Resp: 344982  
Ion Ratio Lower Upper  
91 100  
106 32.3 24.6 36.8



#68  
m/p-Xylenes  
Concen: 35.263 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion:106 Resp: 260206  
Ion Ratio Lower Upper  
106 100  
91 206.9 160.1 240.1

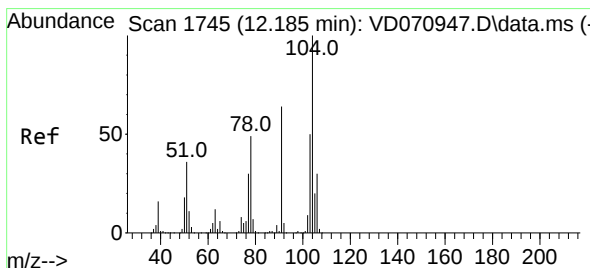
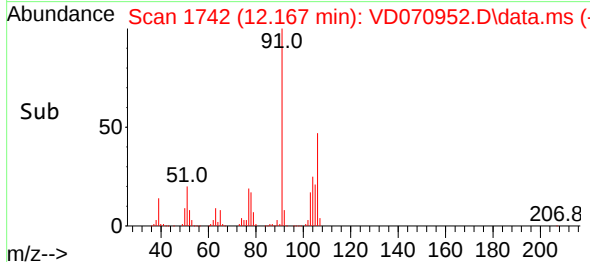
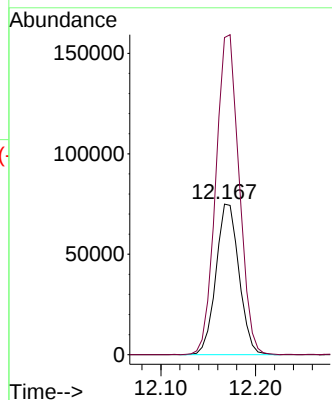
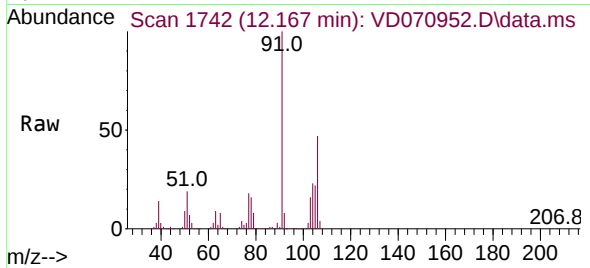




#69  
o-Xylene  
Concen: 18.050 ug/l  
RT: 12.167 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

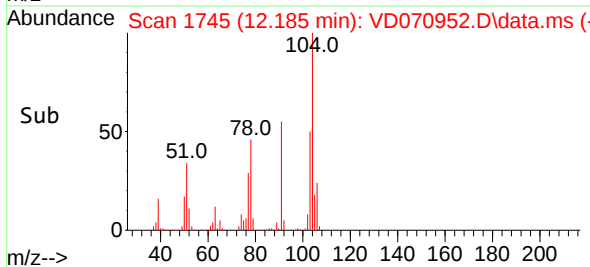
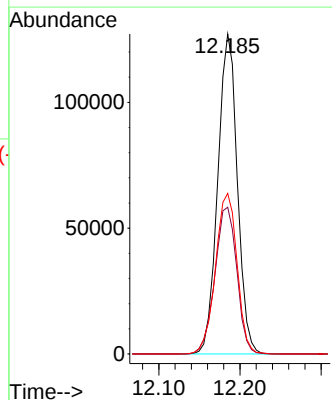
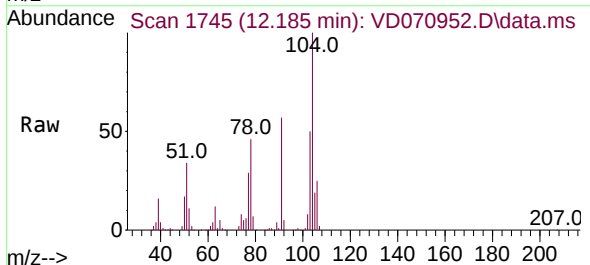
Instrument :  
MSVOA\_D  
ClientSampleId :

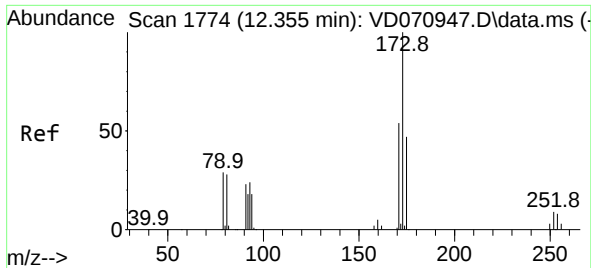
Tgt Ion:106 Resp: 126689  
Ion Ratio Lower Upper  
106 100  
91 215.3 106.3 319.0



#70  
Styrene  
Concen: 17.956 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion:104 Resp: 213394  
Ion Ratio Lower Upper  
104 100  
78 51.2 39.4 59.0  
103 55.2 43.4 65.0

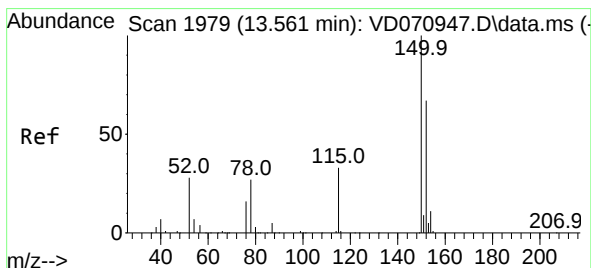
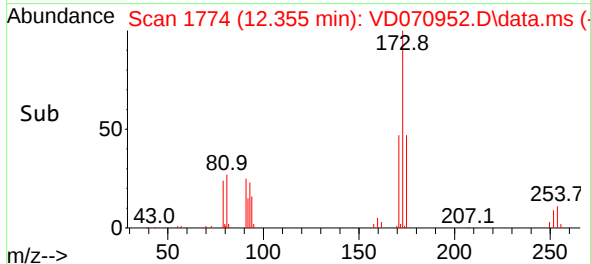
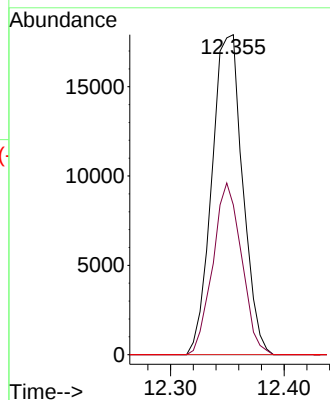
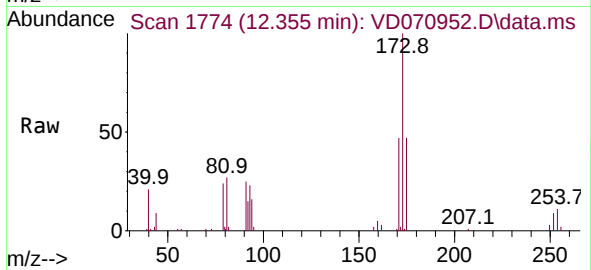




#71  
Bromoform  
Concen: 17.475 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

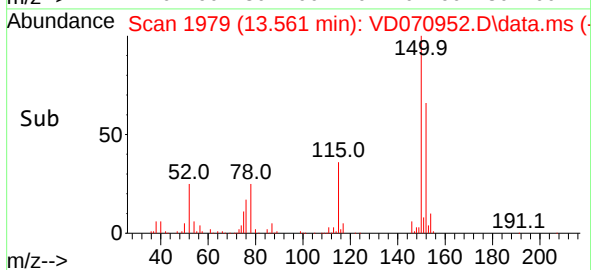
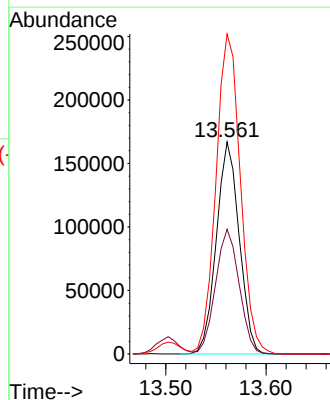
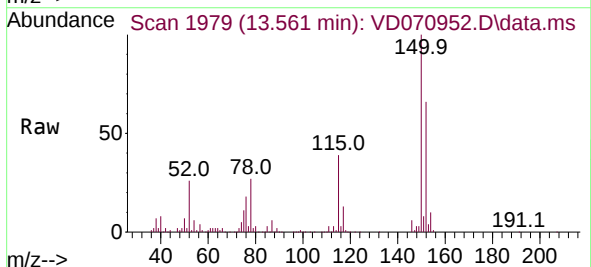
Instrument :  
MSVOA\_D  
ClientSampleId :

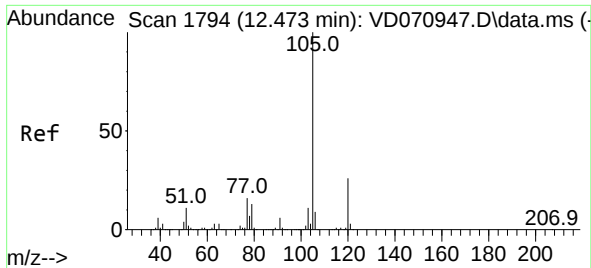
Tgt Ion:173 Resp: 33722  
Ion Ratio Lower Upper  
173 100  
175 50.2 24.1 72.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion:152 Resp: 264118  
Ion Ratio Lower Upper  
152 100  
115 60.9 29.8 89.3  
150 161.0 0.0 349.2

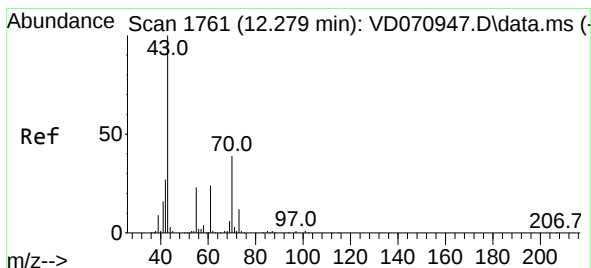
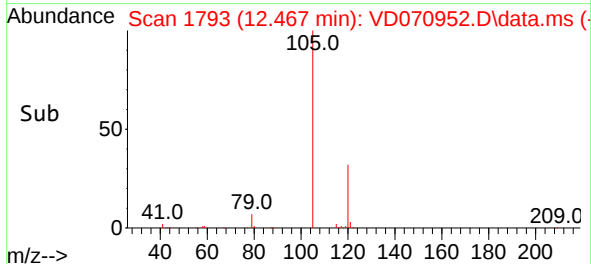
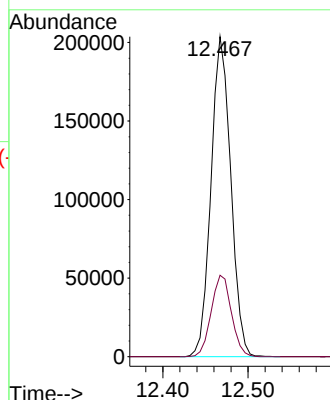
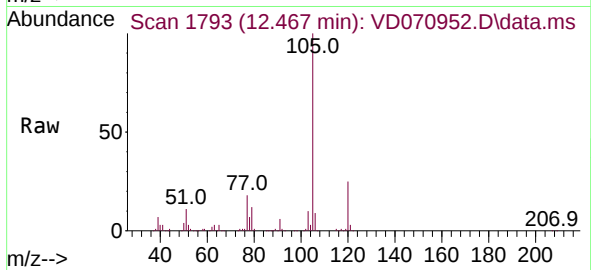




#73  
Isopropylbenzene  
Concen: 17.244 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

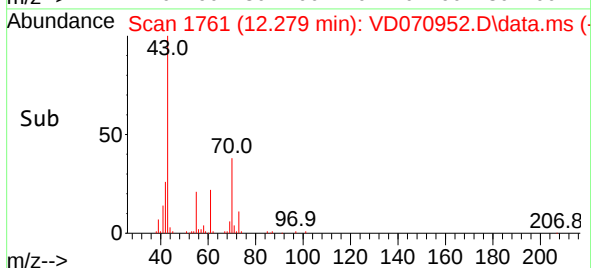
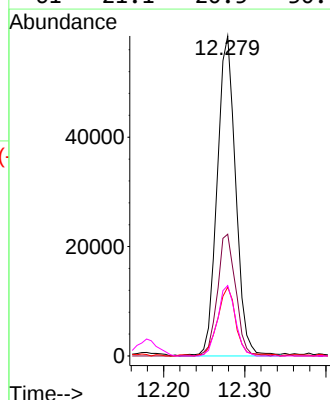
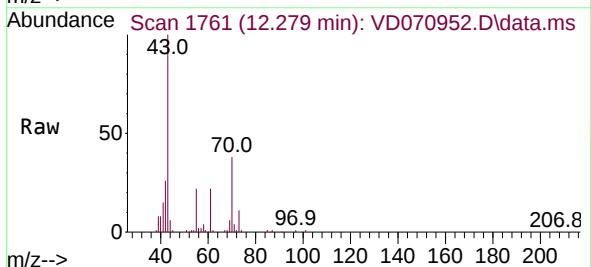
Instrument :  
MSVOA\_D  
ClientSampleId :

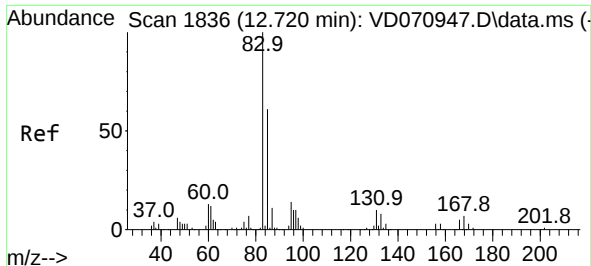
Tgt Ion:105 Resp: 328116  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.2 39.5



#74  
N-ethyl acetate  
Concen: 17.088 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 43 Resp: 92890  
Ion Ratio Lower Upper  
43 100  
70 37.5 36.6 55.0  
55 21.4 22.5 33.7#  
61 21.1 20.5 30.7

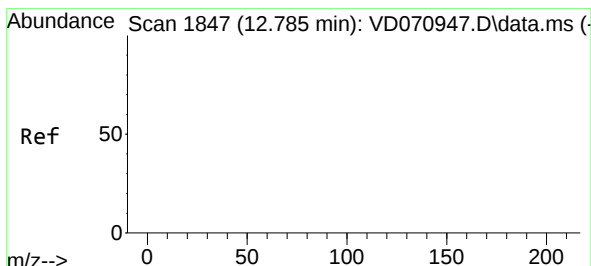
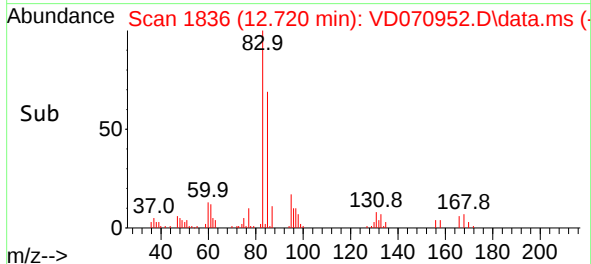
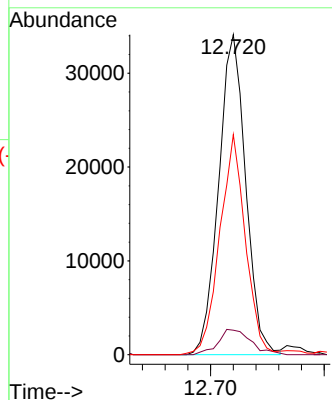
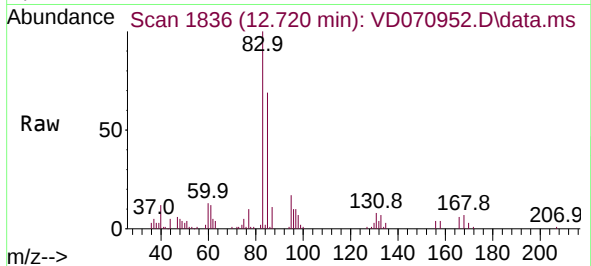




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.226 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

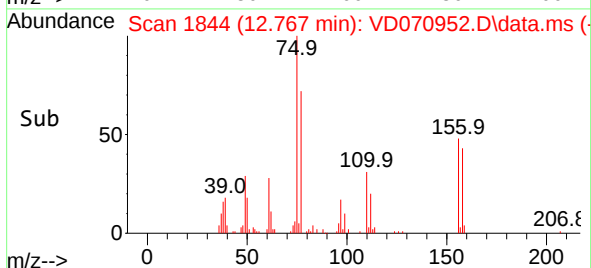
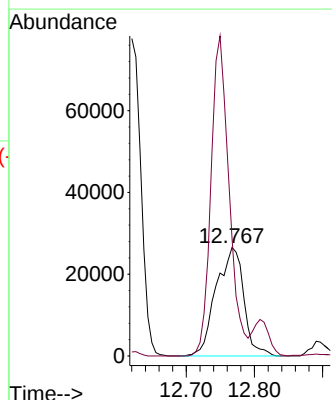
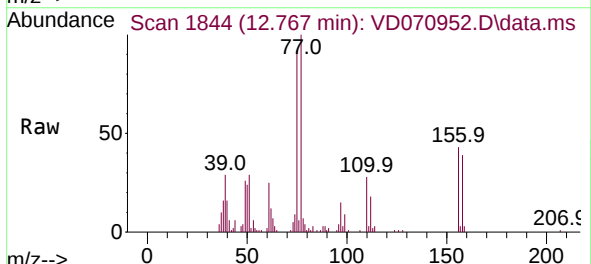
Instrument :  
MSVOA\_D  
ClientSampleId :

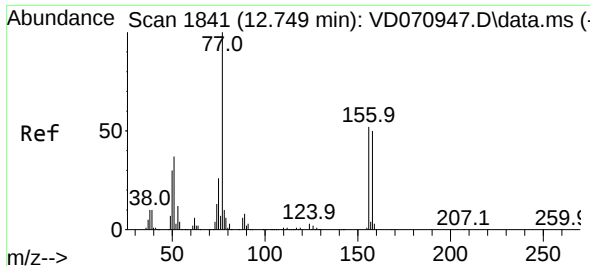
Tgt Ion: 83 Resp: 56417  
Ion Ratio Lower Upper  
83 100  
131 9.5 4.9 14.7  
85 65.3 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 33.237 ug/l  
RT: 12.767 min Scan# 1844  
Delta R.T. -0.018 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 75 Resp: 74986  
Ion Ratio Lower Upper  
75 100  
77 194.3 158.4 475.3

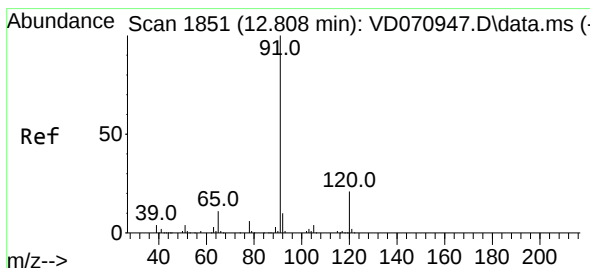
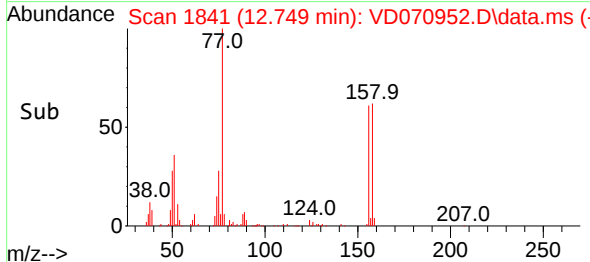
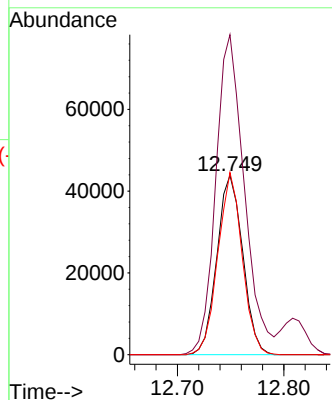
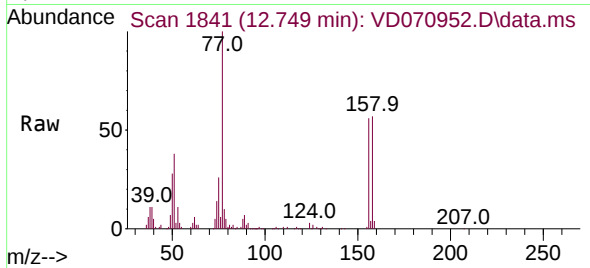




#77  
Bromobenzene  
Concen: 18.147 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

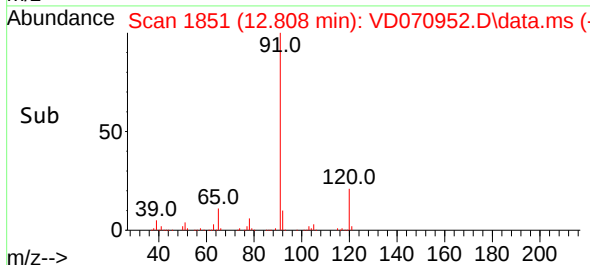
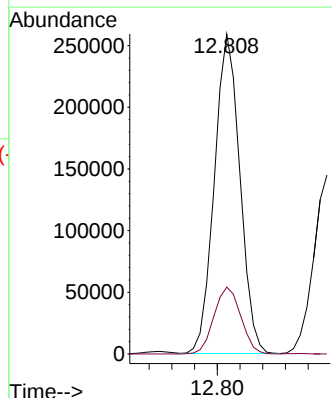
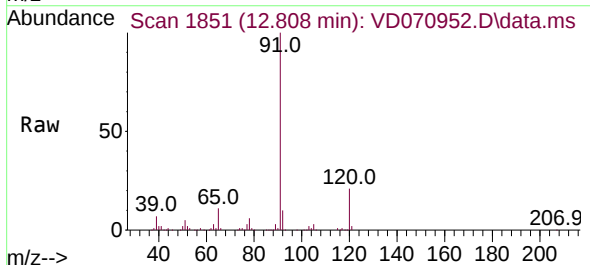
Instrument :  
MSVOA\_D  
ClientSampleId :

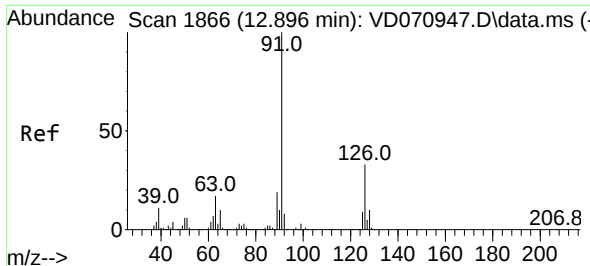
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 197.5 | 96.6  | 289.8 |
| 158     | 95.6  | 49.1  | 147.4 |



#78  
n-propylbenzene  
Concen: 17.141 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.9  | 10.9  | 32.9  |

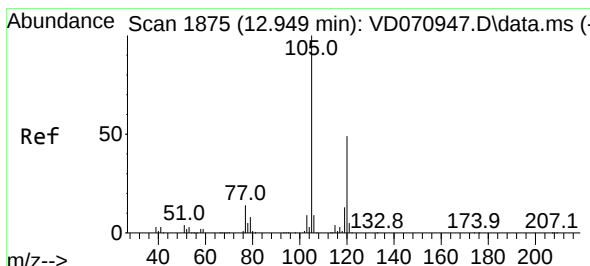
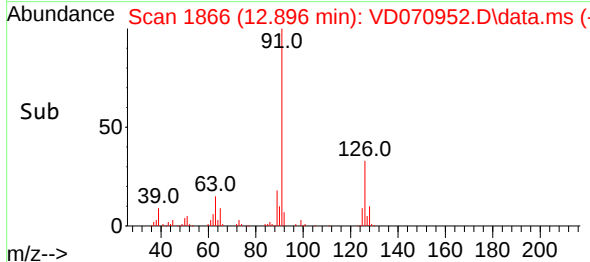
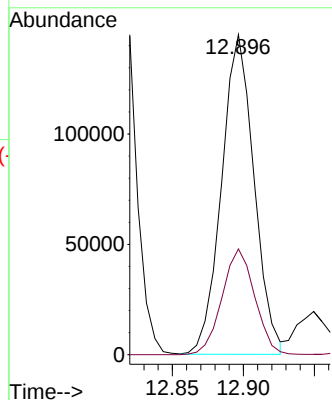
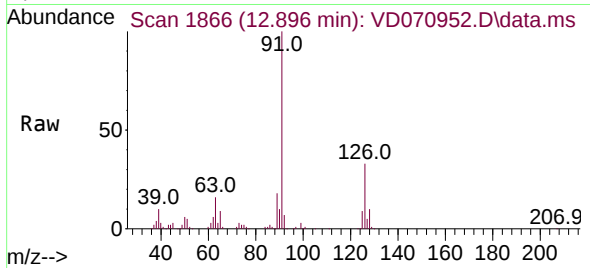




#79  
2-Chlorotoluene  
Concen: 17.117 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

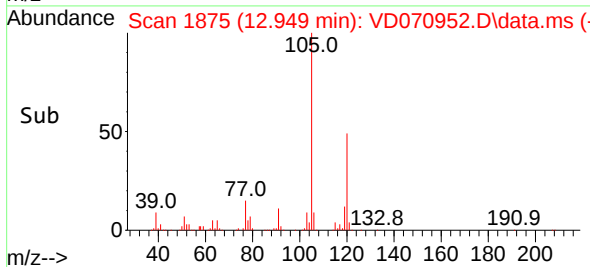
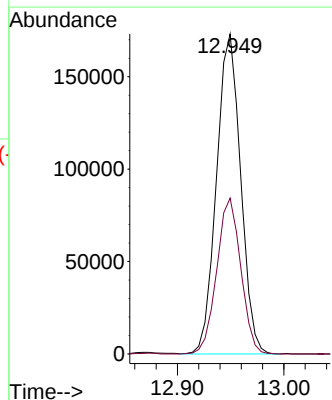
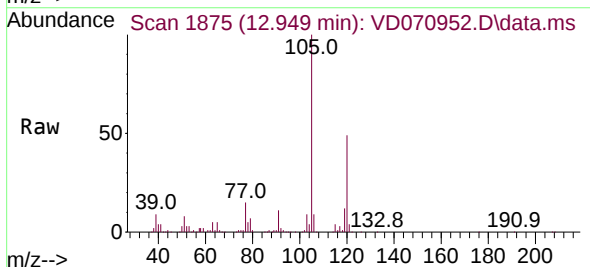
Instrument :  
MSVOA\_D  
ClientSampleId :

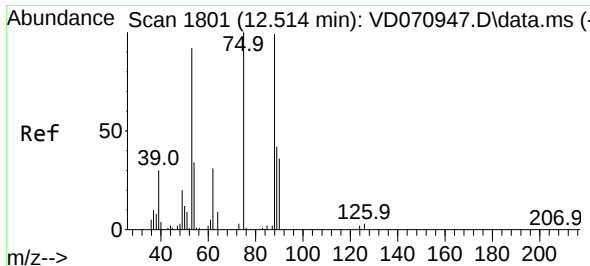
Tgt Ion: 91 Resp: 230109  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 17.370 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion: 105 Resp: 272129  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.6 73.8

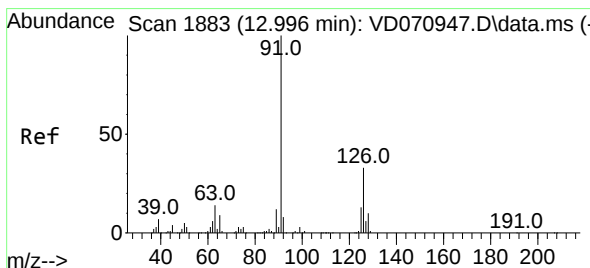
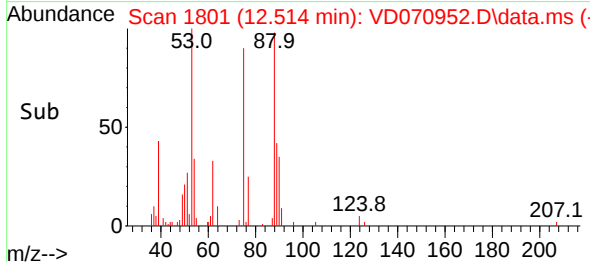
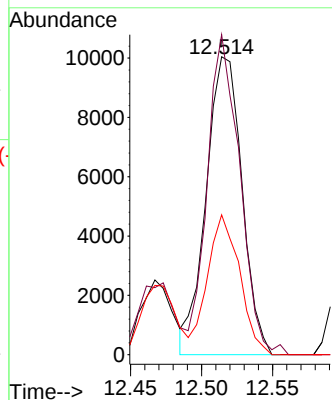
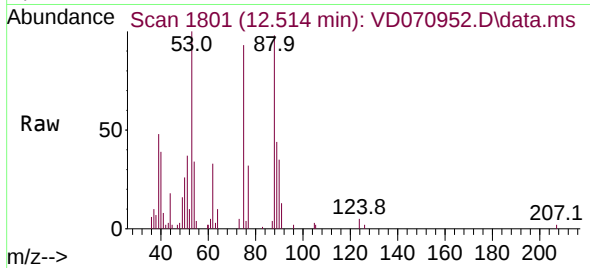




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.416 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

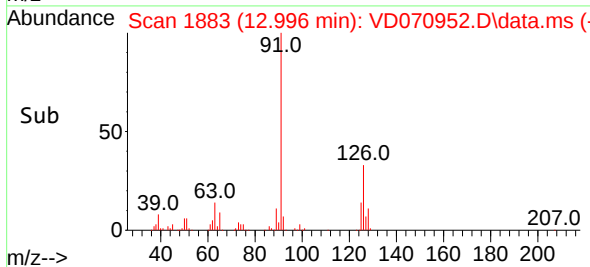
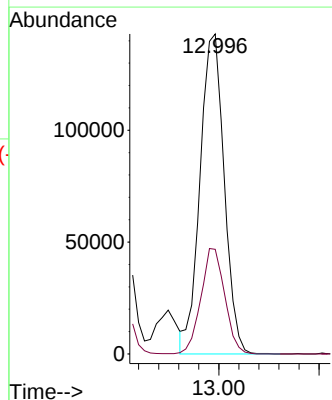
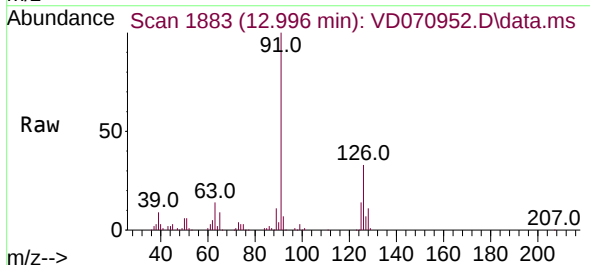
Instrument :  
MSVOA\_D  
ClientSampleId :

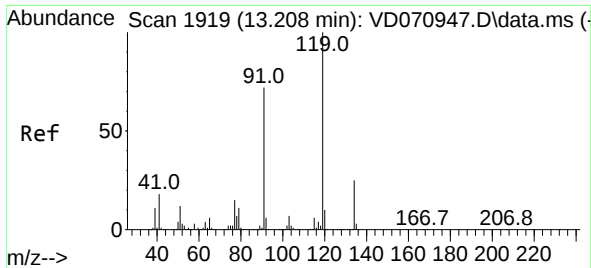
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.7  | 62.6  | 94.0# |
| 89      | 42.1  | 34.5  | 51.7  |



#82  
4-Chlorotoluene  
Concen: 17.267 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.6  | 16.4  | 49.1  |

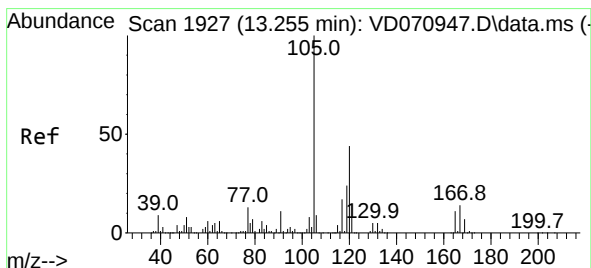
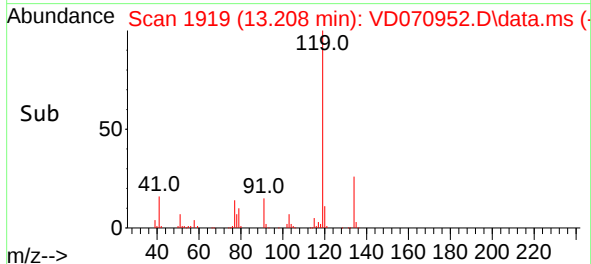
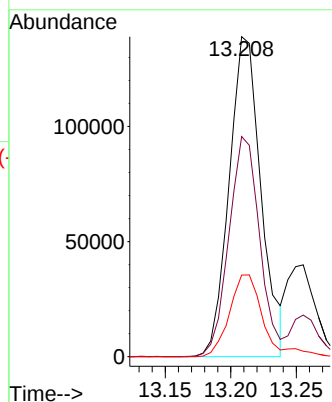
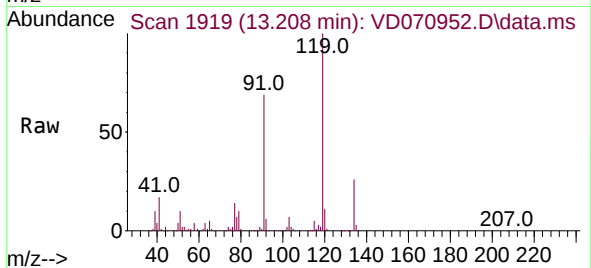




#83  
 tert-Butylbenzene  
 Concen: 17.445 ug/l  
 RT: 13.208 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

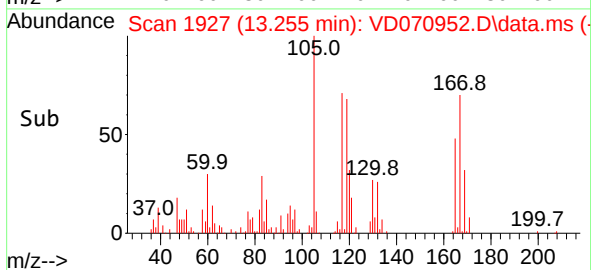
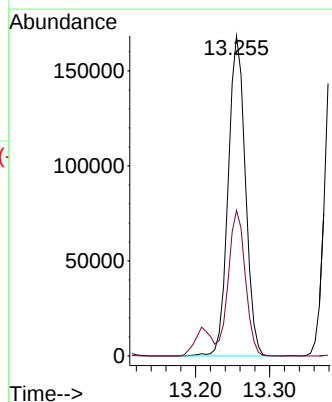
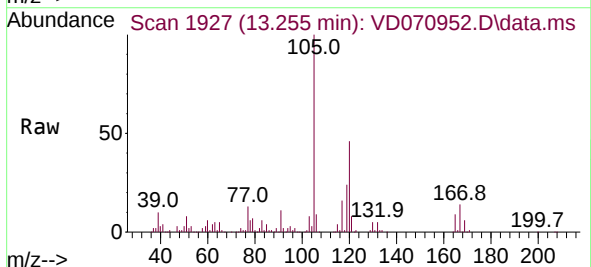
Instrument :  
 MSVOA\_D  
 ClientSampleId :

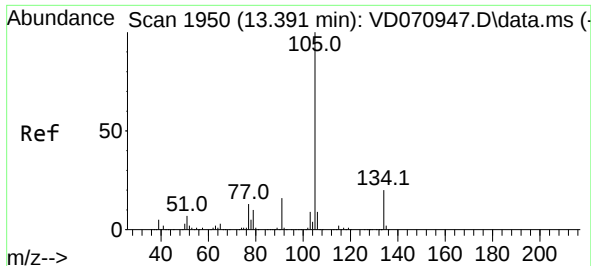
Tgt Ion:119 Resp: 235426  
 Ion Ratio Lower Upper  
 119 100  
 91 66.4 32.5 97.5  
 134 27.1 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.606 ug/l  
 RT: 13.255 min Scan# 1927  
 Delta R.T. 0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

Tgt Ion:105 Resp: 270126  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.9 68.7

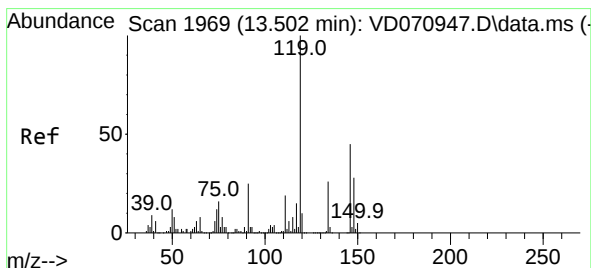
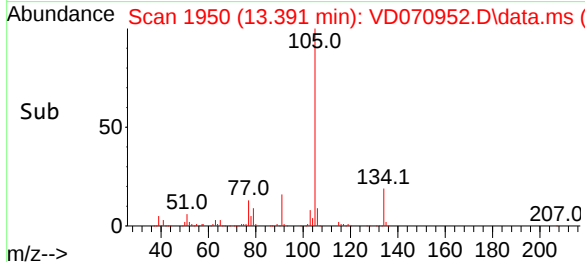
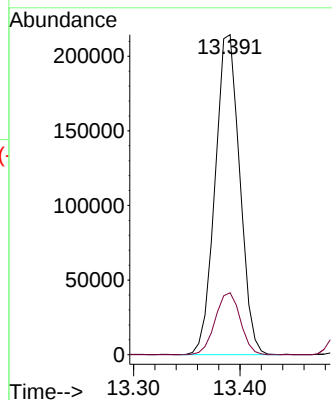
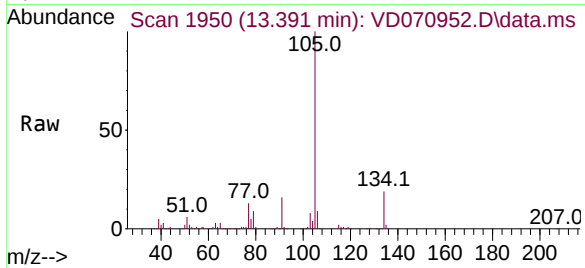




#85  
 sec-Butylbenzene  
 Concen: 16.974 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

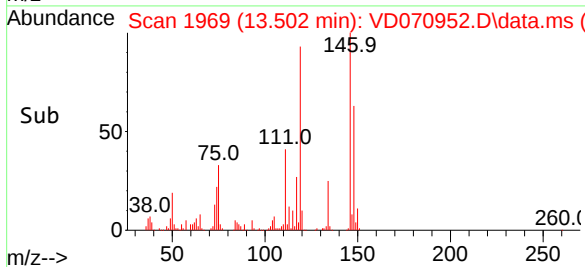
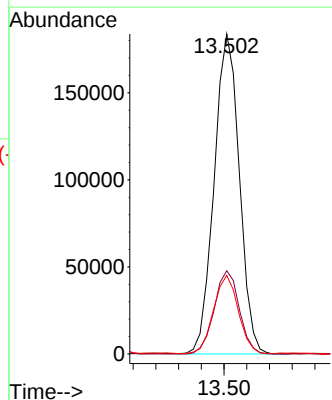
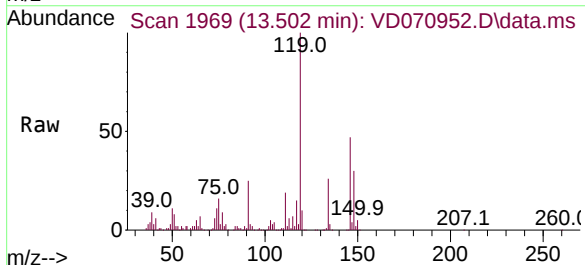
Instrument :  
 MSVOA\_D  
 ClientSampleId :

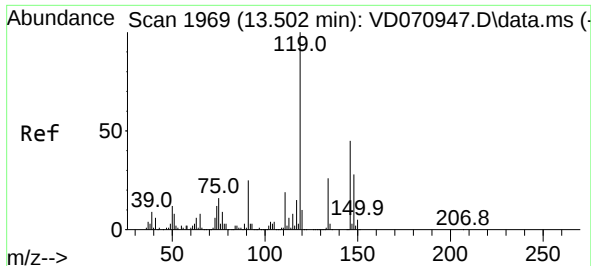
Tgt Ion:105 Resp: 344380  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 17.367 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

Tgt Ion:119 Resp: 282942  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.0 38.9  
 91 24.0 11.4 34.2

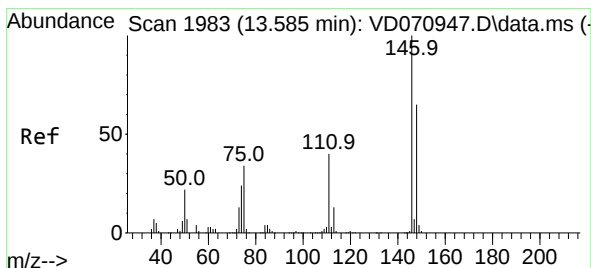
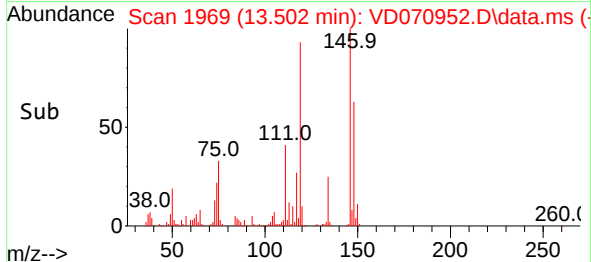
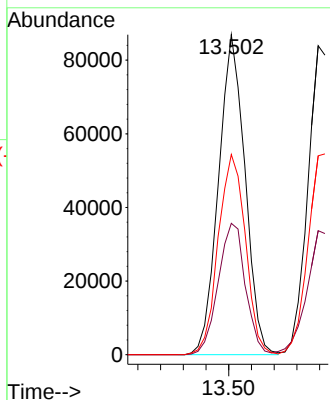
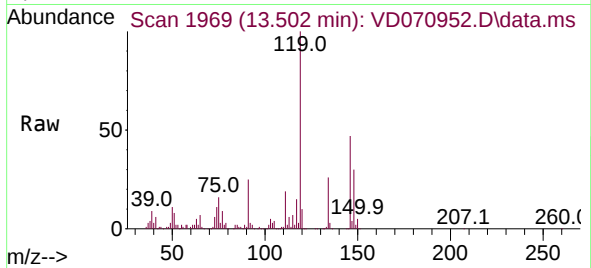




#87  
 1,3-Dichlorobenzene  
 Concen: 17.732 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

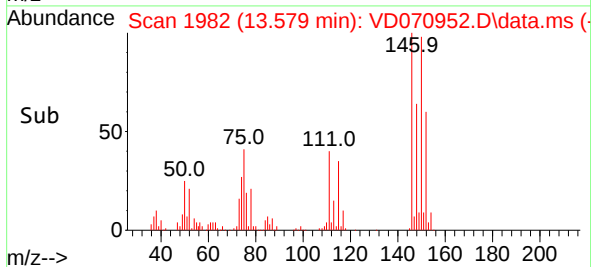
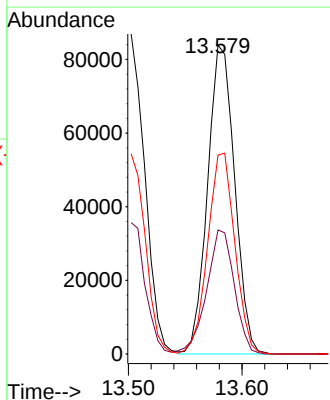
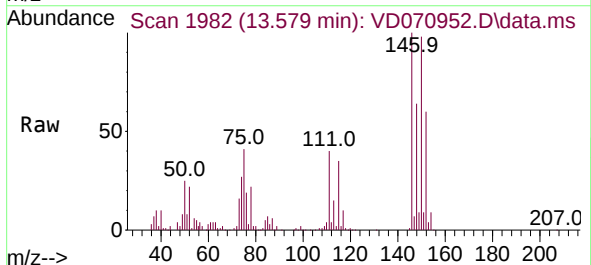
Instrument :  
 MSVOA\_D  
 ClientSampleId :

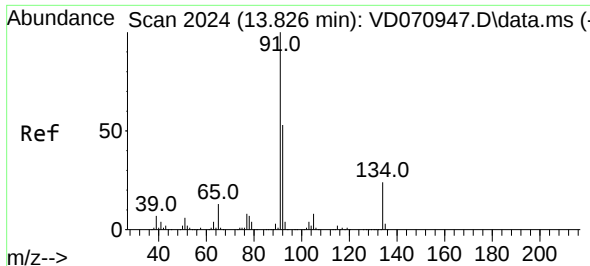
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 19.8  | 59.4  |
| 148     | 64.2  | 32.1  | 96.3  |



#88  
 1,4-Dichlorobenzene  
 Concen: 17.475 ug/l  
 RT: 13.579 min Scan# 1982  
 Delta R.T. -0.006 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.1  | 19.6  | 58.8  |
| 148     | 65.2  | 31.5  | 94.5  |

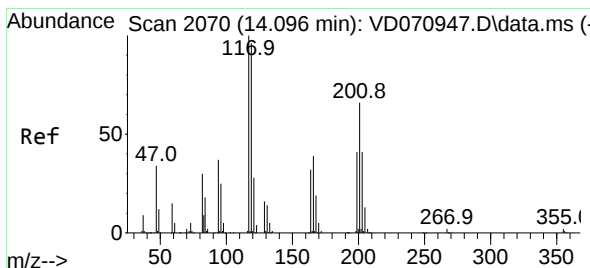
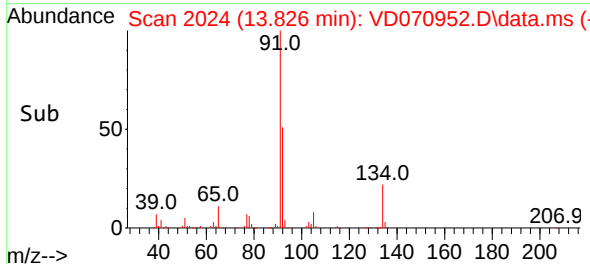
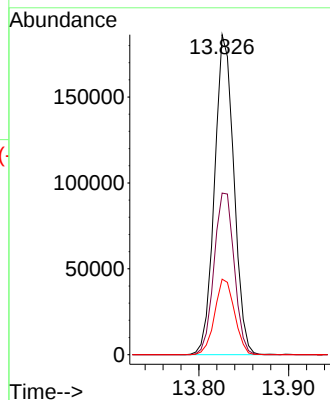
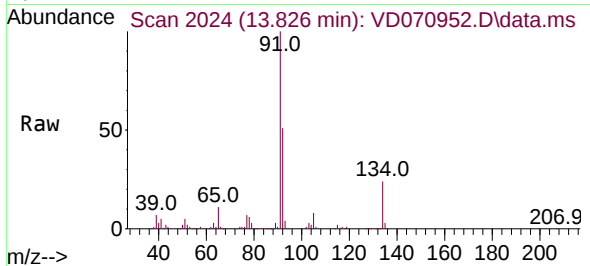




#89  
n-Butylbenzene  
Concen: 17.011 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

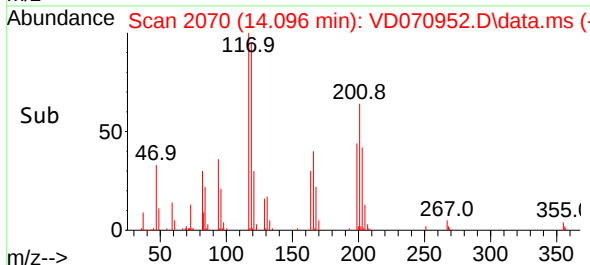
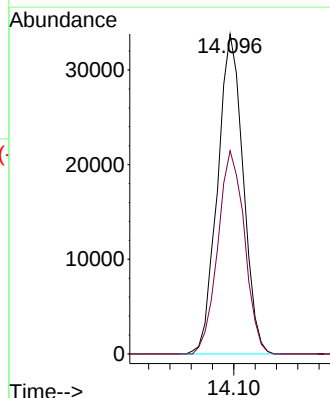
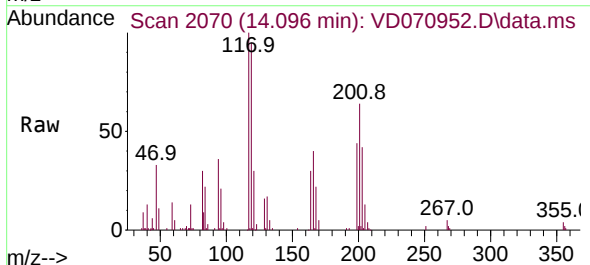
Instrument :  
MSVOA\_D  
ClientSampleId :

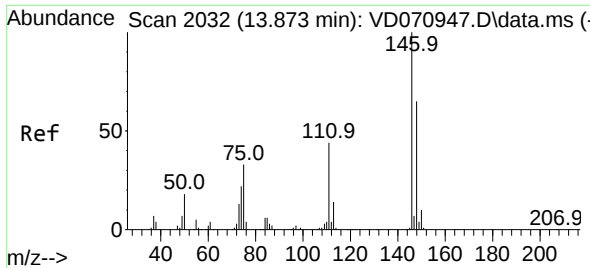
Tgt Ion: 91 Resp: 278514  
Ion Ratio Lower Upper  
91 100  
92 52.8 27.3 81.9  
134 24.2 12.3 36.9



#90  
Hexachloroethane  
Concen: 17.474 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

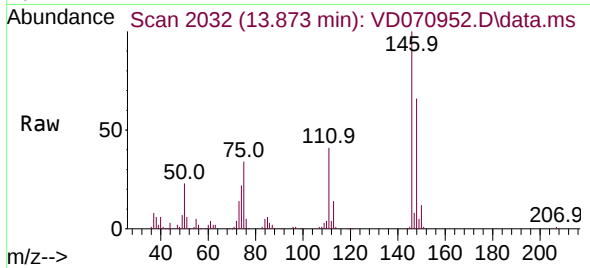
Tgt Ion: 117 Resp: 56334  
Ion Ratio Lower Upper  
117 100  
201 66.2 36.0 108.1





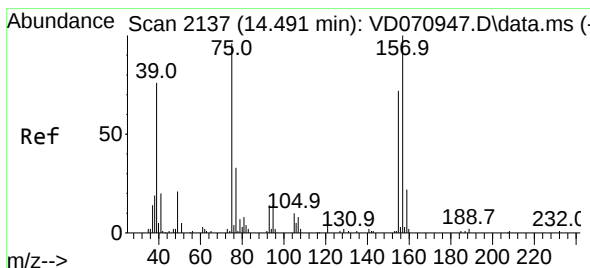
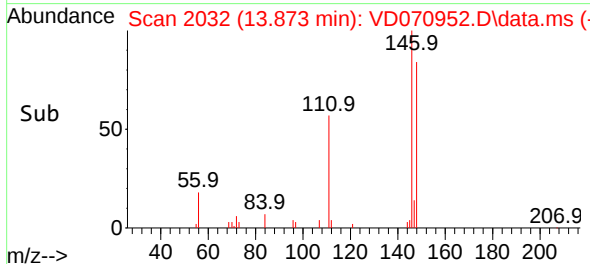
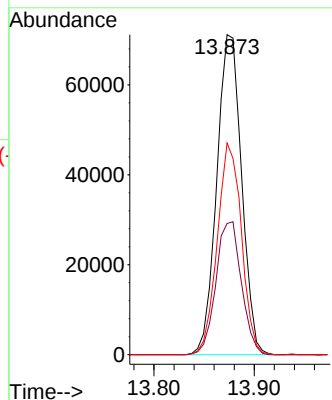
#91  
 1,2-Dichlorobenzene  
 Concen: 17.757 ug/l  
 RT: 13.873 min Scan# 2032  
 Delta R.T. -0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :



Tgt Ion:146 Resp: 122307  

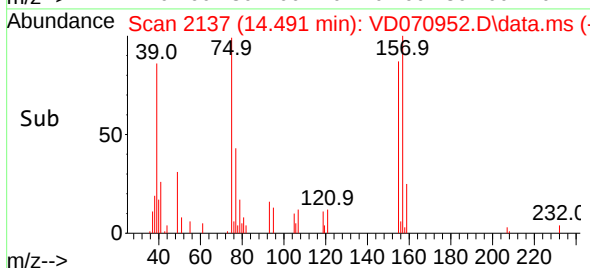
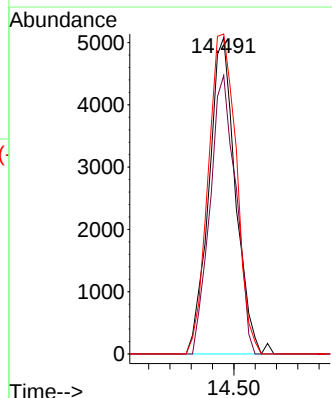
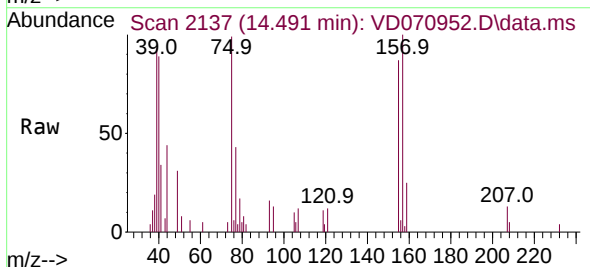
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.7  | 20.8  | 62.2  |
| 148 | 64.4  | 31.7  | 95.1  |

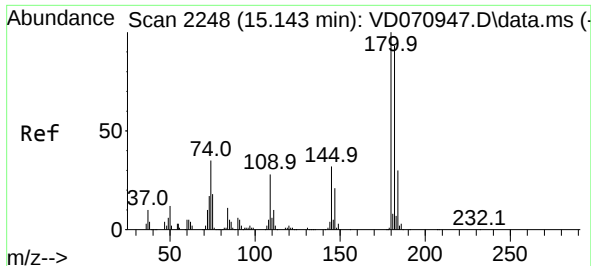


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.428 ug/l  
 RT: 14.491 min Scan# 2137  
 Delta R.T. -0.000 min  
 Lab File: VD070952.D  
 Acq: 09 Nov 2021 16:20

Tgt Ion: 75 Resp: 8824  

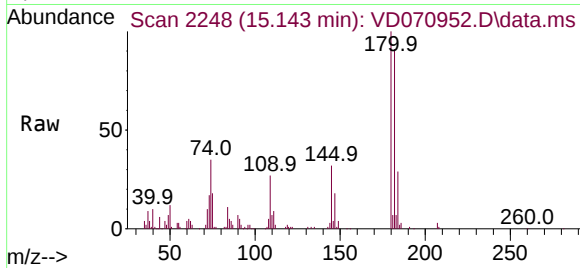
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 85.0  | 40.0  | 120.0 |
| 157 | 107.1 | 49.8  | 149.3 |



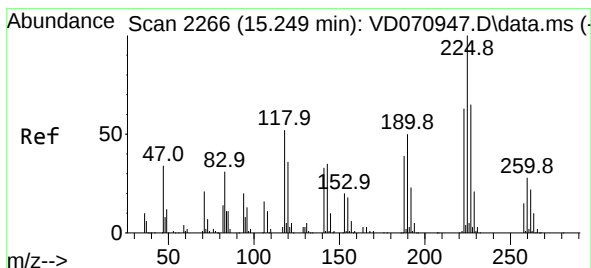
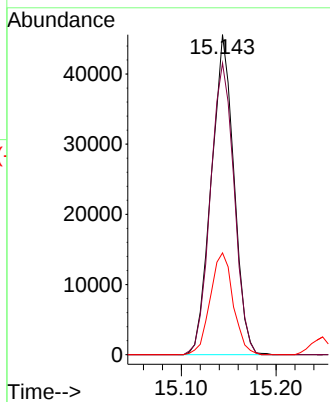
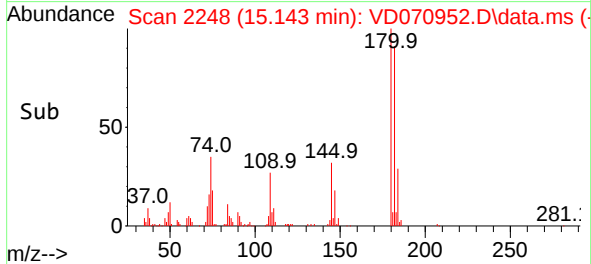


#93  
1,2,4-Trichlorobenzene  
Concen: 17.172 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

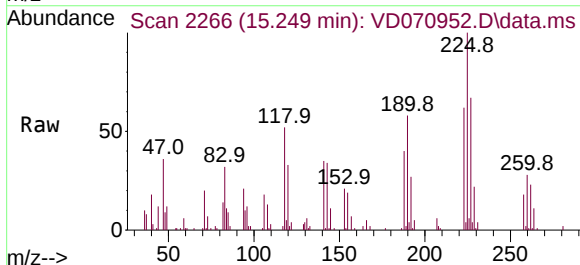
Instrument :  
MSVOA\_D  
ClientSampleId :



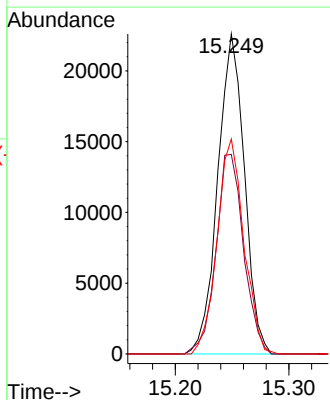
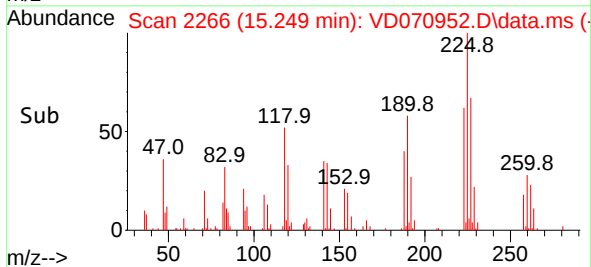
Tgt Ion:180 Resp: 75673  
Ion Ratio Lower Upper  
180 100  
182 95.5 48.2 144.6  
145 32.2 15.4 46.2

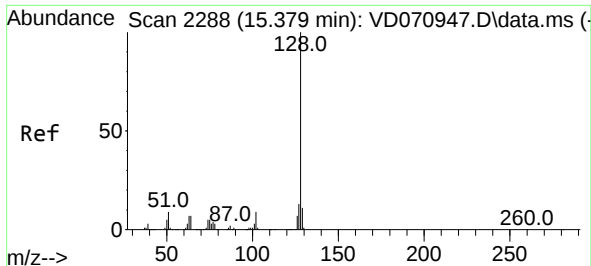


#94  
Hexachlorobutadiene  
Concen: 16.609 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20



Tgt Ion:225 Resp: 36913  
Ion Ratio Lower Upper  
225 100  
223 64.7 31.8 95.3  
227 67.4 31.6 94.8

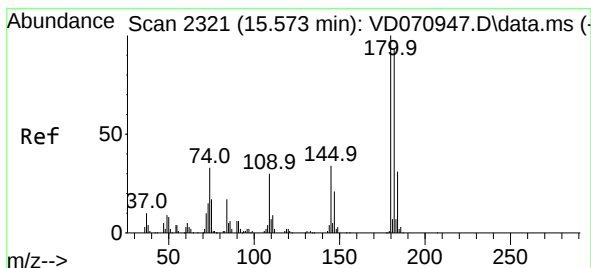
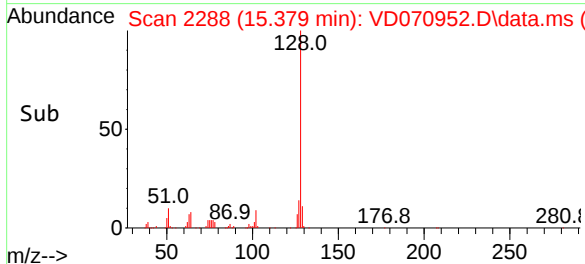
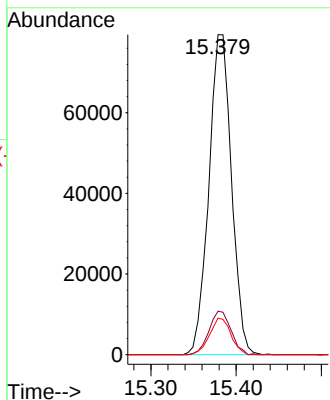
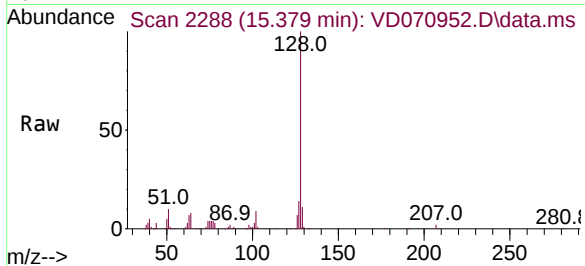




#95  
Naphthalene  
Concen: 17.450 ug/l  
RT: 15.379 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 146835  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.7 16.1  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.855 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: VD070952.D  
Acq: 09 Nov 2021 16:20

Tgt Ion:180 Resp: 66156  
Ion Ratio Lower Upper  
180 100  
182 94.1 46.7 140.1  
145 35.1 15.9 47.6

