

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110821\  
 Data File : VD070934.D  
 Acq On : 08 Nov 2021 14:30  
 Operator : VA/SY  
 Sample : VD1108SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

Quant Time: Nov 09 02:32:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110521S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 08 13:56:36 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 435795   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 768906   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 699375   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 316085   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 264578   | 49.432   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 98.860%  |
| 35) Dibromofluoromethane     | 7.908  | 113   | 240870   | 50.005   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 100.020% |
| 50) Toluene-d8               | 10.332 | 98    | 944710   | 50.453   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 100.900% |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 341084   | 48.253   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 96.500%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 83637    | 17.881   | ug/l   | 99       |
| 3) Chloromethane             | 2.209  | 50    | 83506    | 18.013   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.344  | 62    | 80592    | 17.961   | ug/l   | 98       |
| 5) Bromomethane              | 2.750  | 94    | 51830    | 18.913   | ug/l   | 94       |
| 6) Chloroethane              | 2.915  | 64    | 49520    | 17.656   | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 3.268  | 101   | 139863   | 16.939   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.703  | 74    | 43199    | 18.539   | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091  | 101   | 85688    | 18.182   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.297  | 142   | 65962    | 15.175   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.214  | 59    | 31488    | 90.831   | ug/l # | 71       |
| 12) 1,1-Dichloroethene       | 4.062  | 96    | 83037    | 18.255   | ug/l   | 84       |
| 13) Acrolein                 | 3.920  | 56    | 15473    | 142.117  | ug/l   | 87       |
| 14) Allyl chloride           | 4.703  | 41    | 172766   | 18.069   | ug/l # | 86       |
| 15) Acrylonitrile            | 5.420  | 53    | 103555   | 100.184  | ug/l   | 98       |
| 16) Acetone                  | 4.156  | 43    | 94215    | 85.446   | ug/l   | 91       |
| 17) Carbon Disulfide         | 4.403  | 76    | 271750   | 18.524   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.715  | 43    | 77673    | 19.770   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 210416   | 18.602   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.962  | 84    | 138105   | 23.371   | ug/l # | 87       |
| 21) trans-1,2-Dichloroethene | 5.462  | 96    | 92512    | 17.961   | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.361  | 45    | 330415   | 18.911   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.297  | 43    | 783181   | 95.569   | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.256  | 63    | 176487   | 17.749   | ug/l   | 99       |
| 25) 2-Butanone               | 7.208  | 43    | 133944   | 90.304   | ug/l # | 85       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 154958   | 16.905   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.203  | 96    | 104528   | 18.177   | ug/l   | 91       |
| 28) Bromochloromethane       | 7.544  | 49    | 88242    | 22.185   | ug/l   | 88       |
| 29) Tetrahydrofuran          | 7.556  | 42    | 89164    | 98.532   | ug/l   | 92       |
| 30) Chloroform               | 7.708  | 83    | 169399   | 17.567   | ug/l   | 98       |
| 31) Cyclohexane              | 7.979  | 56    | 189104   | 18.062   | ug/l # | 88       |
| 32) 1,1,1-Trichloroethane    | 7.897  | 97    | 148021   | 16.618   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 135272   | 17.219   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.291  | 43    | 66459    | 20.713   | ug/l # | 92       |
| 38) Carbon Tetrachloride     | 8.091  | 117   | 125853   | 16.501   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.350  | 83    | 178878   | 17.736   | ug/l   | 98       |
| 40) Benzene                  | 8.344  | 78    | 371833   | 17.840   | ug/l   | 100      |

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 Sample : VD1108SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

Quant Time: Nov 09 02:32:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110521S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 08 13:56:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 38413    | 18.211  | ug/l # | 78       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 109621   | 17.087  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 127410   | 18.546  | ug/l # | 89       |
| 44) Trichloroethene           | 9.108  | 130  | 96325    | 17.195  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 101139   | 18.496  | ug/l   | 100      |
| 46) Dibromomethane            | 9.467  | 93   | 49163    | 18.187  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.655  | 83   | 128247   | 17.356  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.450  | 41   | 65092    | 18.353  | ug/l   | 84       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 11651    | 387.701 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 308260   | 95.392  | ug/l   | 92       |
| 52) Toluene                   | 10.397 | 92   | 234454   | 17.601  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 128645   | 17.464  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 151840   | 17.698  | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 65638    | 18.534  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.649 | 69   | 94226    | 18.179  | ug/l # | 77       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 119487   | 18.263  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 290627   | 117.049 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.973 | 43   | 221053   | 92.091  | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.132 | 129  | 80637    | 17.841  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 63392    | 17.969  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 77169    | 16.591  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.661 | 112  | 234603   | 17.006  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 83861    | 16.586  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 461384   | 17.310  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.844 | 106  | 340499   | 34.537  | ug/l   | 95       |
| 69) o-Xylene                  | 12.173 | 106  | 162490   | 17.209  | ug/l   | 98       |
| 70) Styrene                   | 12.185 | 104  | 271307   | 17.382  | ug/l   | 96       |
| 71) Bromoform                 | 12.349 | 173  | 42925    | 17.136  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.467 | 105  | 434005   | 16.721  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 122958   | 18.056  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 72954    | 18.417  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 100520   | 31.563  | ug/l   | 39       |
| 77) Bromobenzene              | 12.749 | 156  | 90698    | 16.934  | ug/l   | 91       |
| 78) n-propylbenzene           | 12.808 | 91   | 536585   | 16.926  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 301027   | 16.533  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 356645   | 16.562  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 23845    | 17.765  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 12.991 | 91   | 306967   | 16.315  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 302979   | 16.332  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 346464   | 16.546  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 462530   | 16.798  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 374132   | 16.604  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 176919   | 16.898  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 177451   | 17.110  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.826 | 91   | 377476   | 16.965  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.096 | 117  | 72328    | 16.327  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 154845   | 17.208  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 12202    | 16.611  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 99232    | 17.107  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 51492    | 16.402  | ug/l   | 99       |
| 95) Naphthalene               | 15.379 | 128  | 189474   | 17.593  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 84694    | 17.397  | ug/l   | 97       |

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Sample : VD1108SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

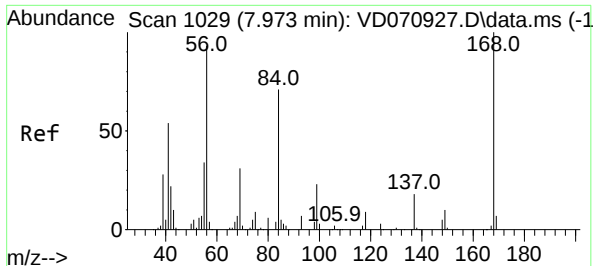
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Quant Time: Nov 09 02:32:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110521S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 08 13:56:36 2021  
Response via : Initial Calibration

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

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

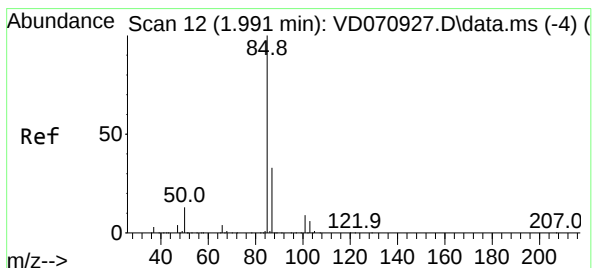
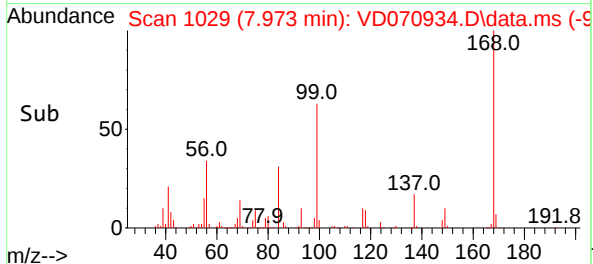
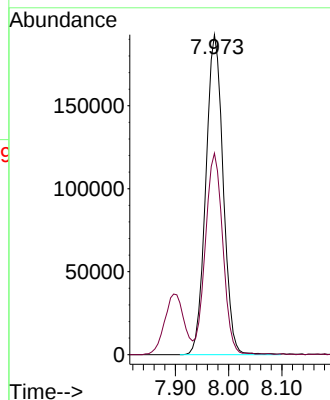
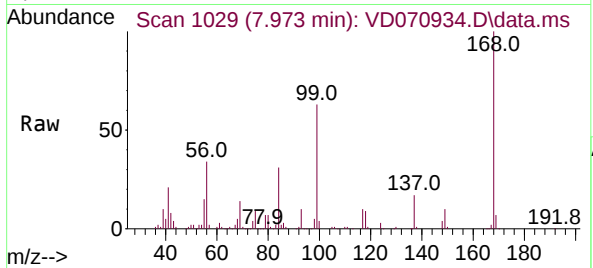




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

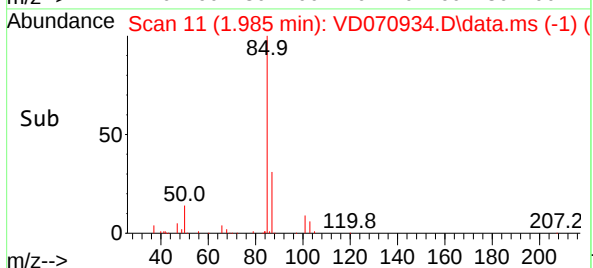
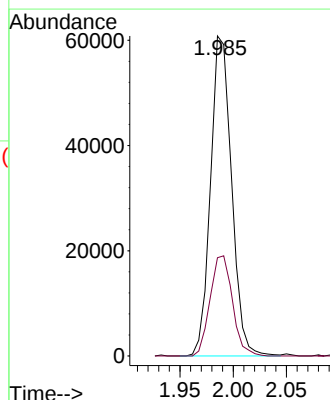
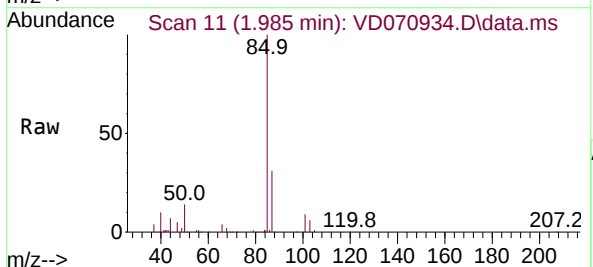
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

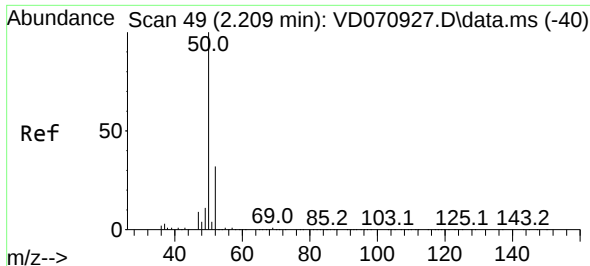
Tgt Ion:168 Resp: 435795  
Ion Ratio Lower Upper  
168 100  
99 62.7 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 17.881 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 85 Resp: 83637  
Ion Ratio Lower Upper  
85 100  
87 30.7 15.2 45.6

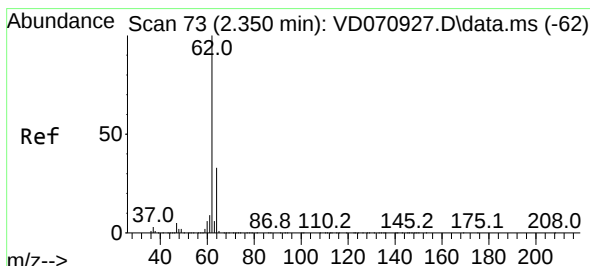
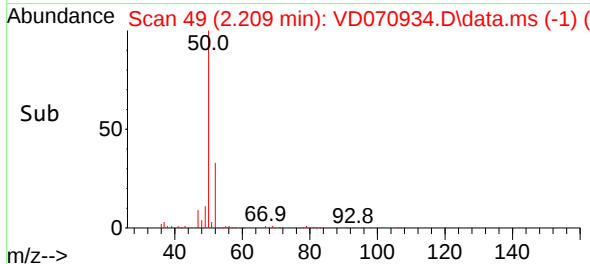
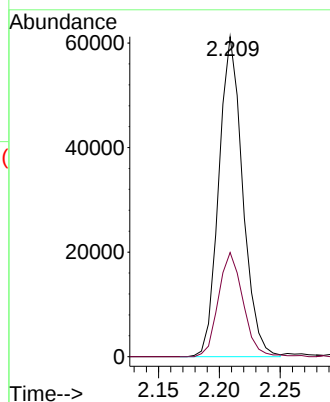
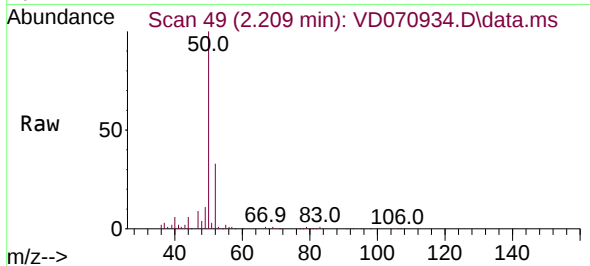




#3  
Chloromethane  
Concen: 18.013 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

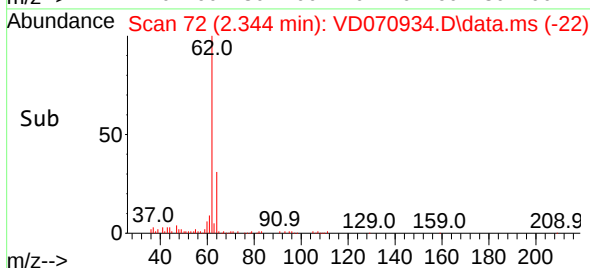
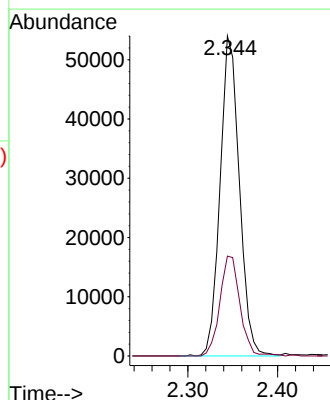
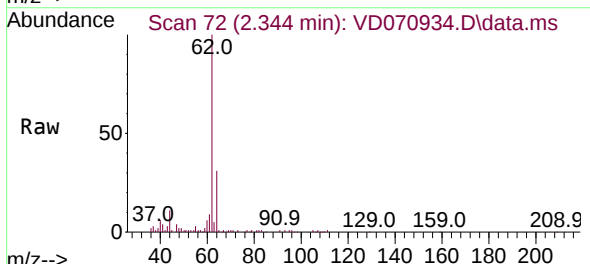
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ClientSampleId :  
VD1108SBS01

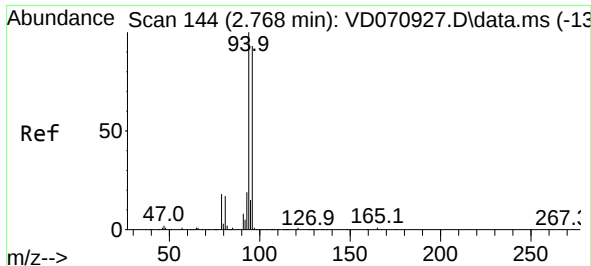
Tgt Ion: 50 Resp: 83506  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.8 38.8



#4  
Vinyl Chloride  
Concen: 17.961 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 62 Resp: 80592  
Ion Ratio Lower Upper  
62 100  
64 31.2 26.0 39.0

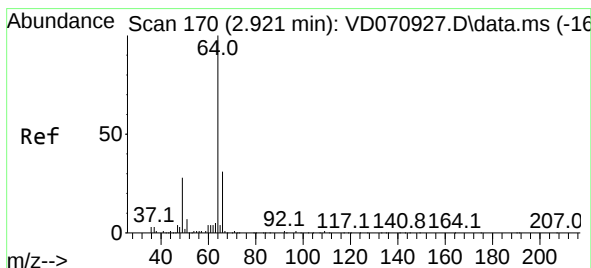
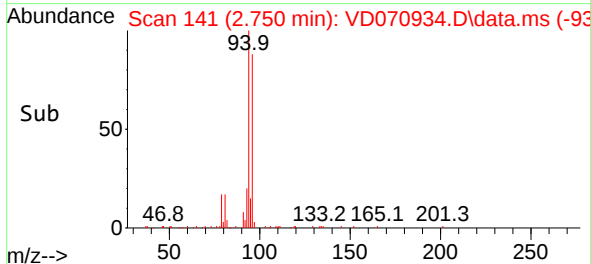
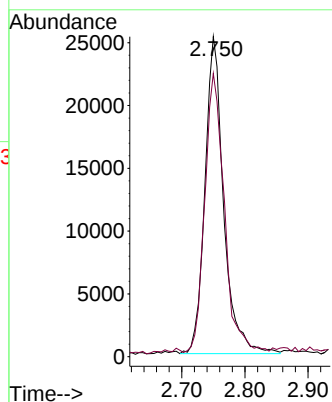
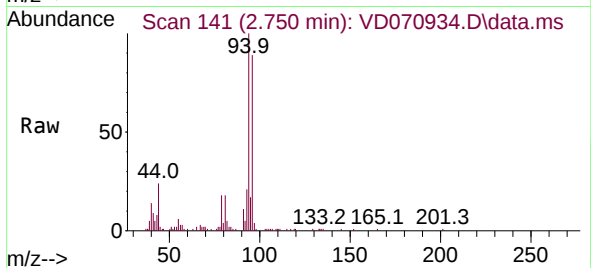




#5  
Bromomethane  
Concen: 18.913 ug/l  
RT: 2.750 min Scan# 144  
Delta R.T. -0.018 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

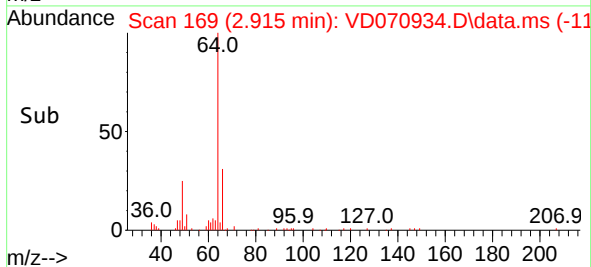
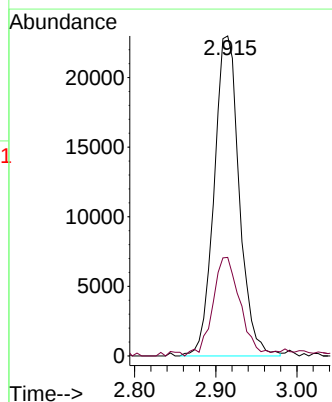
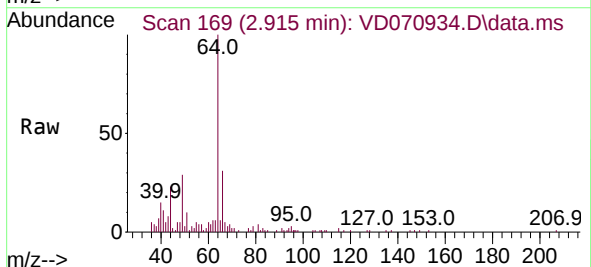
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

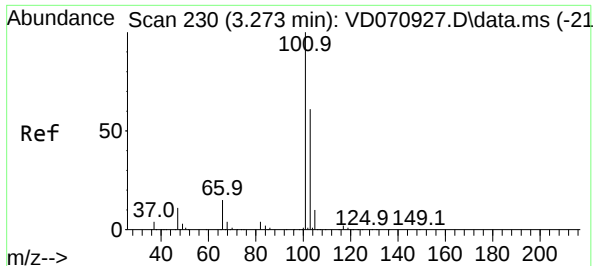
Tgt Ion: 94 Resp: 51830  
Ion Ratio Lower Upper  
94 100  
96 87.4 74.8 112.2



#6  
Chloroethane  
Concen: 17.656 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 64 Resp: 49520  
Ion Ratio Lower Upper  
64 100  
66 29.7 29.0 43.4

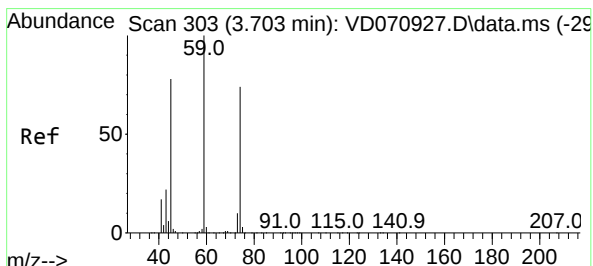
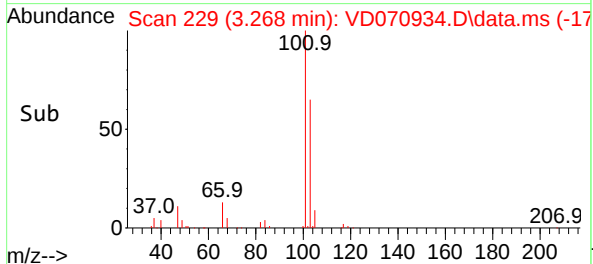
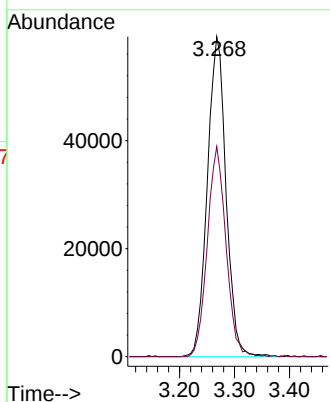
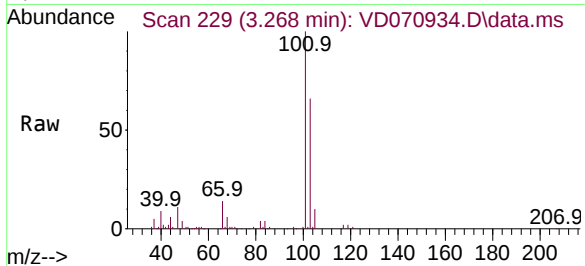




#7  
Trichlorofluoromethane  
Concen: 16.939 ug/l  
RT: 3.268 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

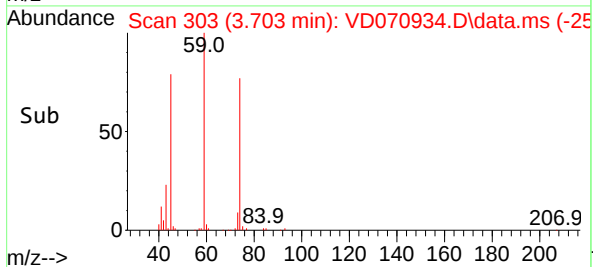
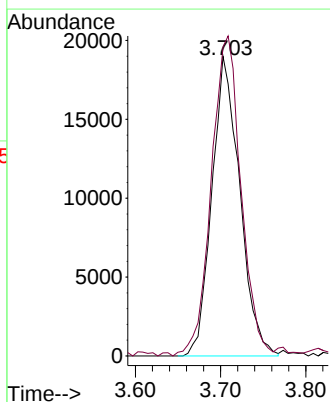
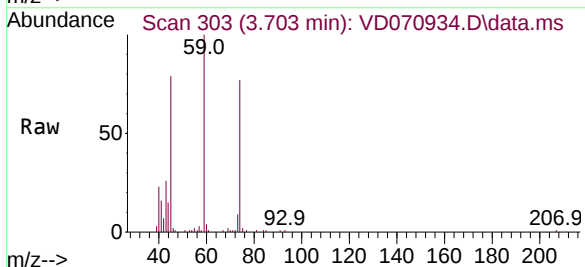
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

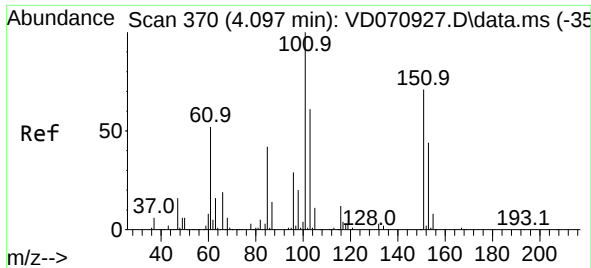
Tgt Ion:101 Resp: 139863  
Ion Ratio Lower Upper  
101 100  
103 65.6 49.7 74.5



#8  
Diethyl Ether  
Concen: 18.539 ug/l  
RT: 3.703 min Scan# 303  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 74 Resp: 43199  
Ion Ratio Lower Upper  
74 100  
45 113.3 49.6 149.0

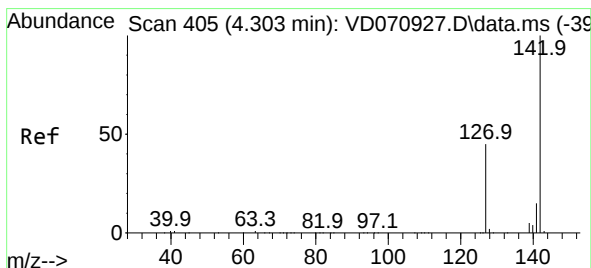
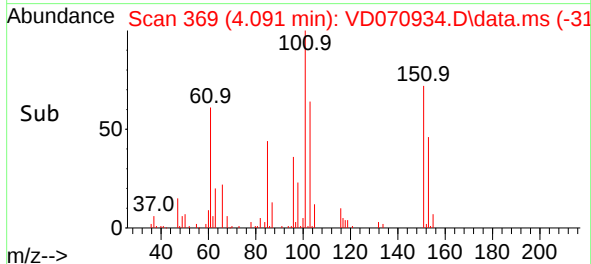
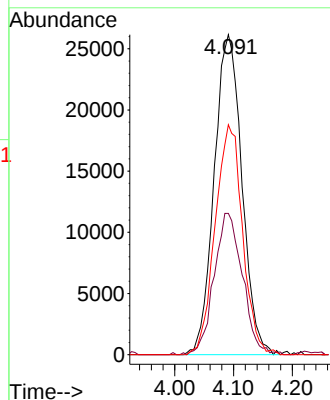
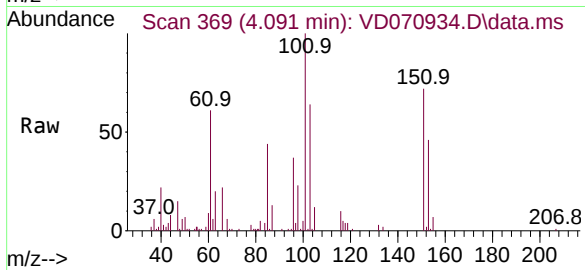




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.182 ug/l  
RT: 4.091 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

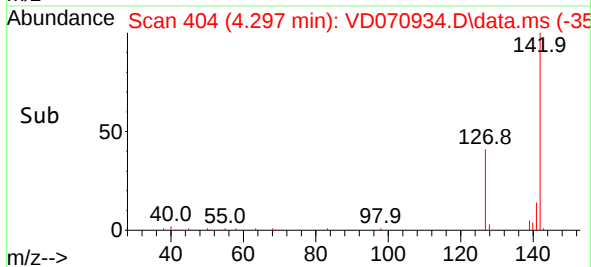
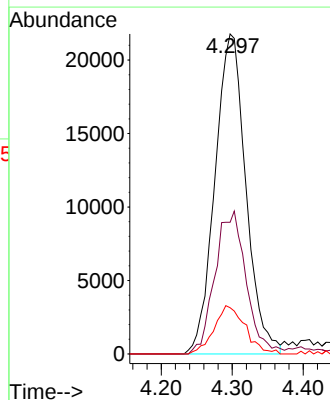
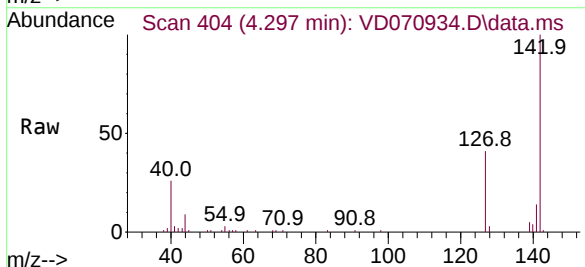
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

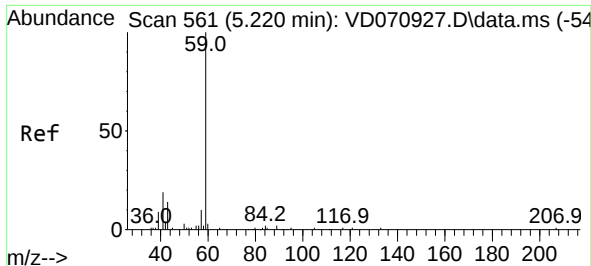
Tgt Ion:101 Resp: 85688  
Ion Ratio Lower Upper  
101 100  
85 45.2 34.8 52.2  
151 71.1 60.4 90.6



#10  
Methyl Iodide  
Concen: 15.175 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion:142 Resp: 65962  
Ion Ratio Lower Upper  
142 100  
127 44.9 35.0 52.4  
141 15.2 12.0 18.0

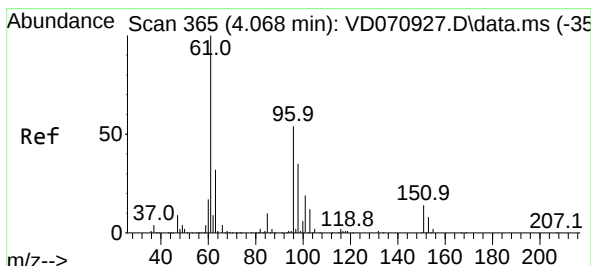
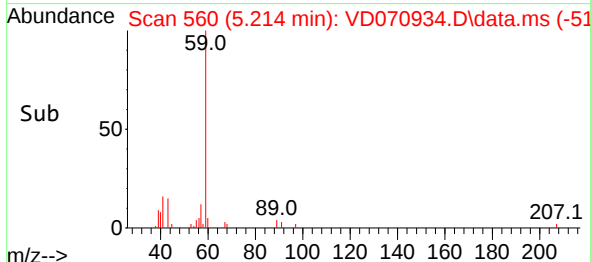
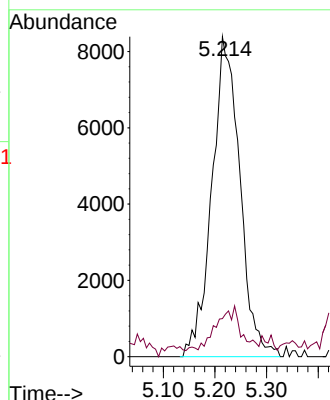
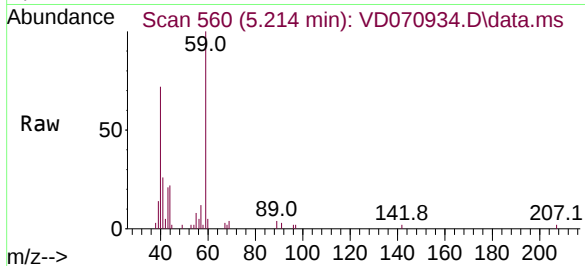




#11  
Tert butyl alcohol  
Concen: 90.831 ug/l  
RT: 5.214 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

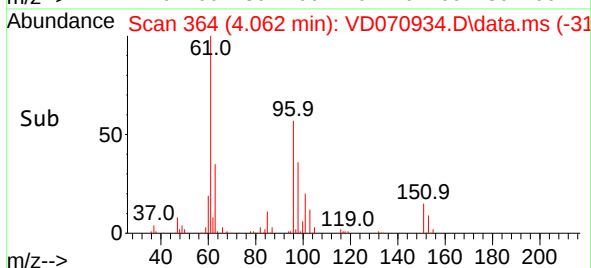
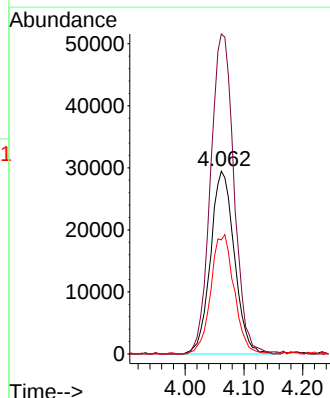
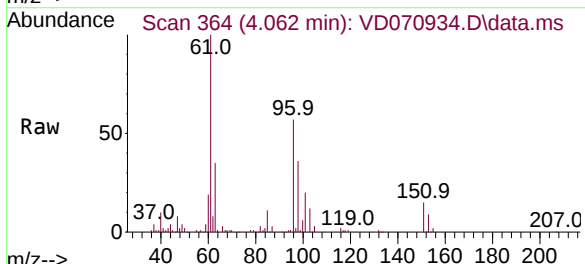
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

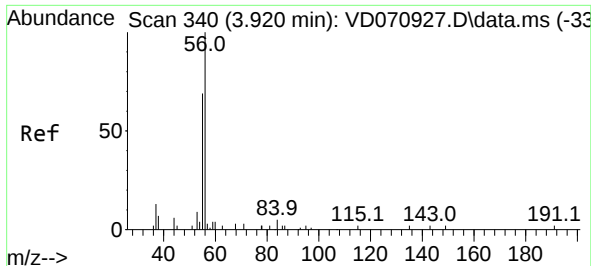
Tgt Ion: 59 Resp: 31488  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 18.255 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 96 Resp: 83037  
Ion Ratio Lower Upper  
96 100  
61 175.2 120.3 180.5  
98 62.4 54.4 81.6

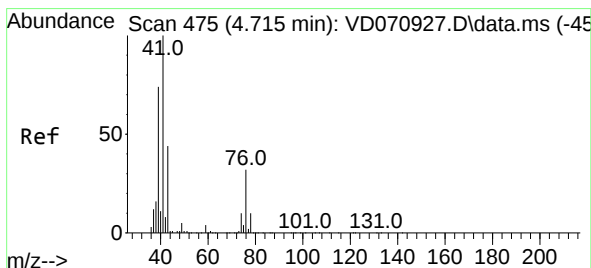
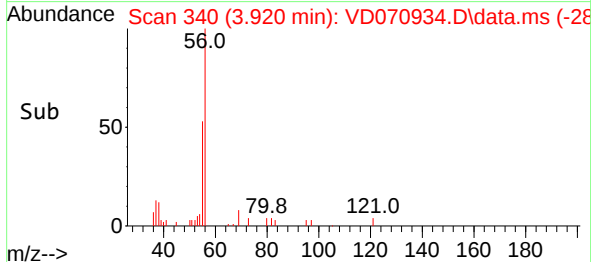
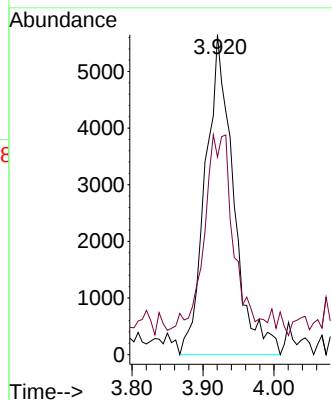
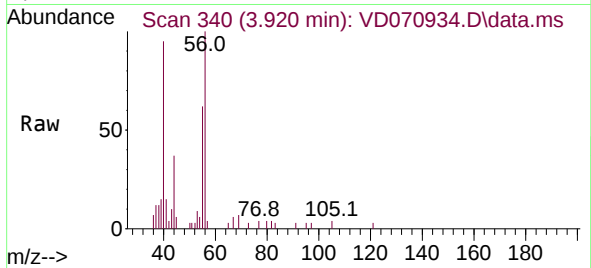




#13  
Acrolein  
Concen: 142.117 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

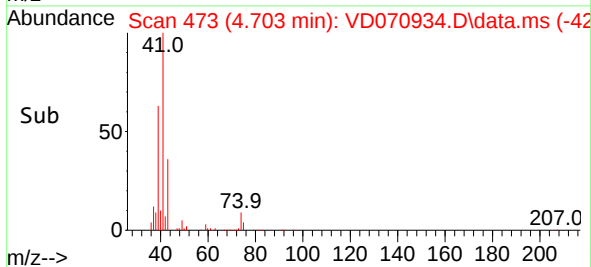
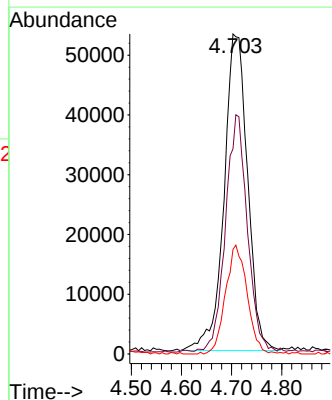
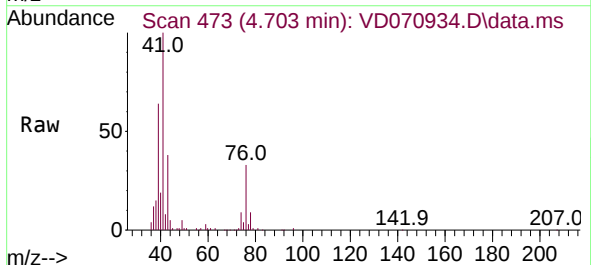
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

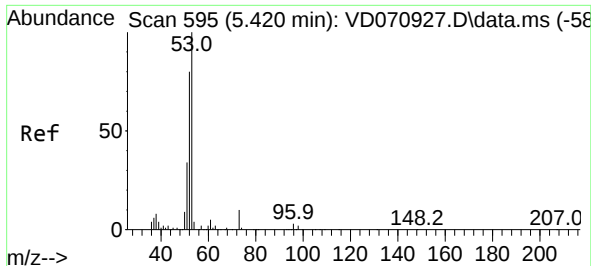
Tgt Ion: 56 Resp: 15473  
Ion Ratio Lower Upper  
56 100  
55 62.7 58.6 87.8



#14  
Allyl chloride  
Concen: 18.069 ug/l  
RT: 4.703 min Scan# 473  
Delta R.T. -0.012 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 41 Resp: 172766  
Ion Ratio Lower Upper  
41 100  
39 69.1 45.6 68.4#  
76 31.6 30.2 45.4

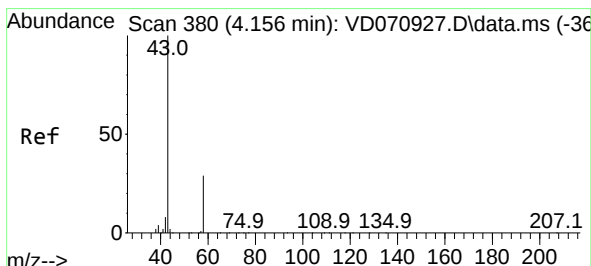
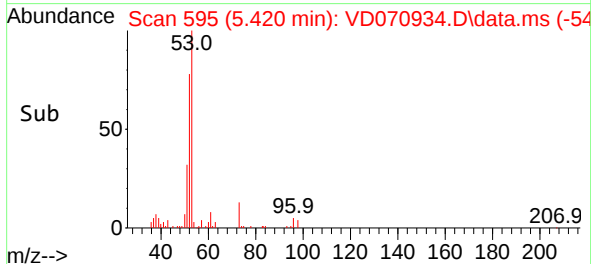
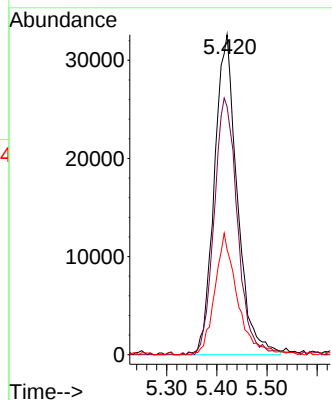
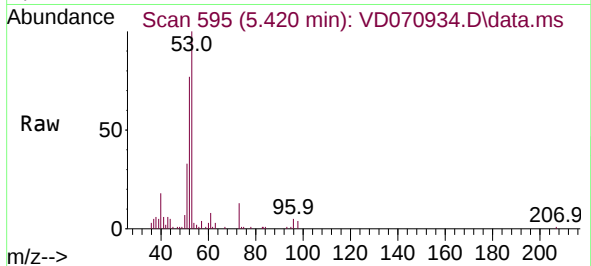




#15  
Acrylonitrile  
Concen: 100.184 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

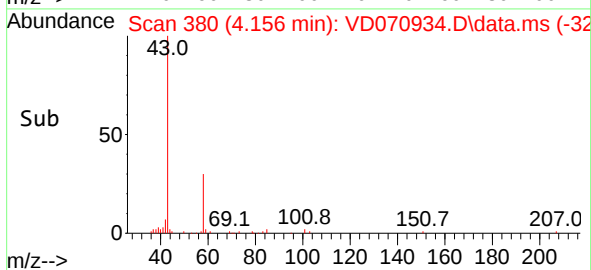
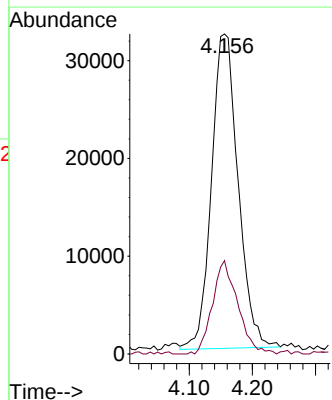
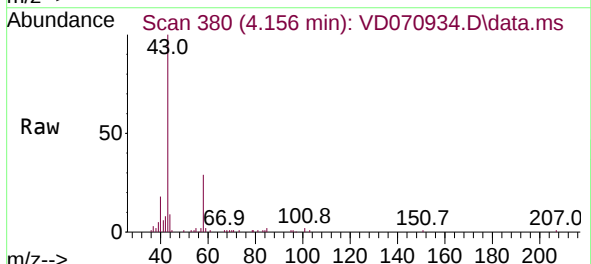
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

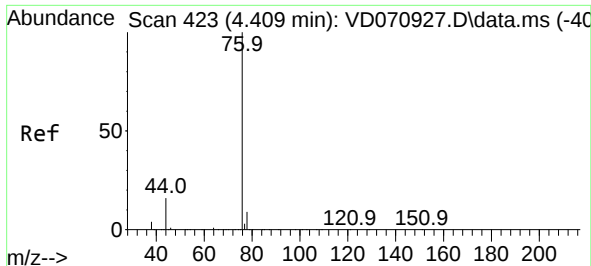
Tgt Ion: 53 Resp: 103555  
Ion Ratio Lower Upper  
53 100  
52 81.0 63.8 95.8  
51 37.3 28.5 42.7



#16  
Acetone  
Concen: 85.446 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 43 Resp: 94215  
Ion Ratio Lower Upper  
43 100  
58 29.8 27.8 41.8

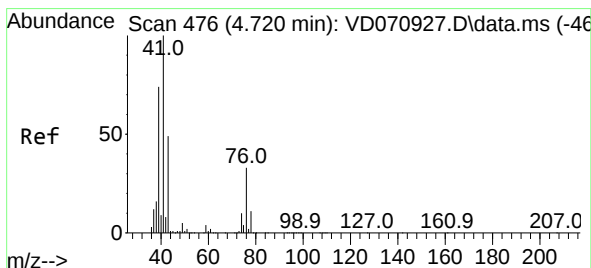
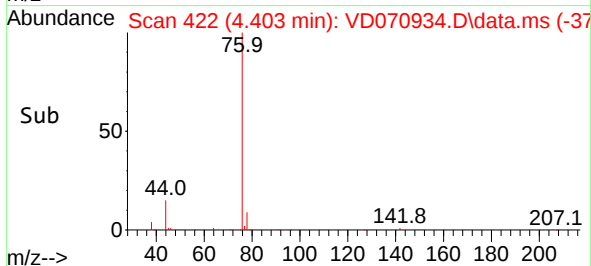
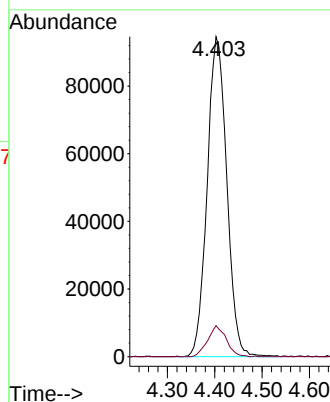
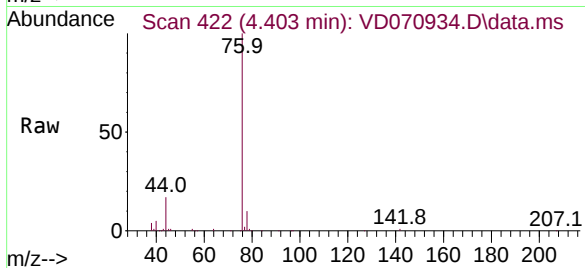




#17  
Carbon Disulfide  
Concen: 18.524 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

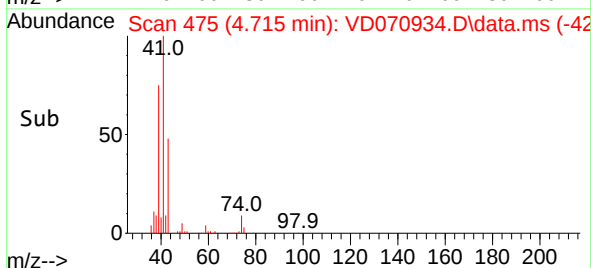
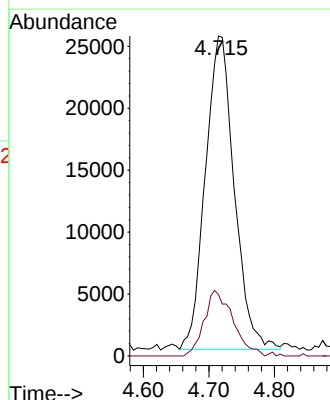
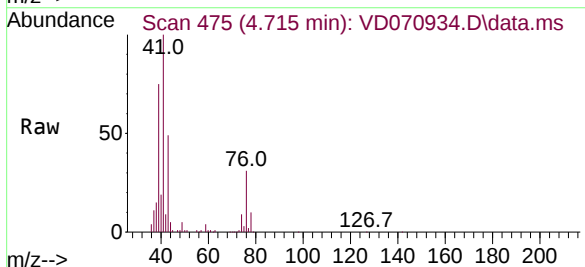
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

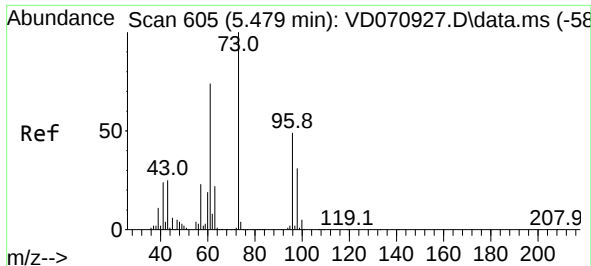
Tgt Ion: 76 Resp: 271750  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.8 11.8



#18  
Methyl Acetate  
Concen: 19.770 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.005 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 43 Resp: 77673  
Ion Ratio Lower Upper  
43 100  
74 20.8 19.3 28.9

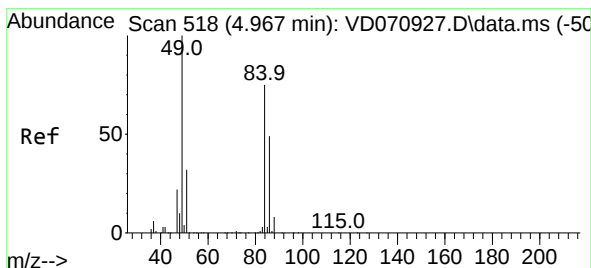
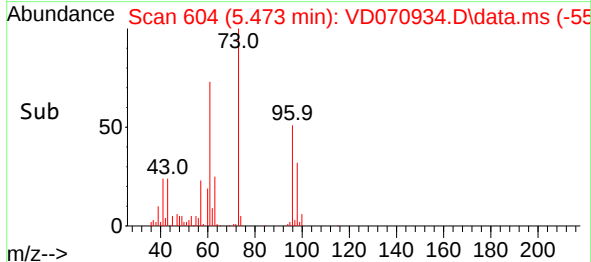
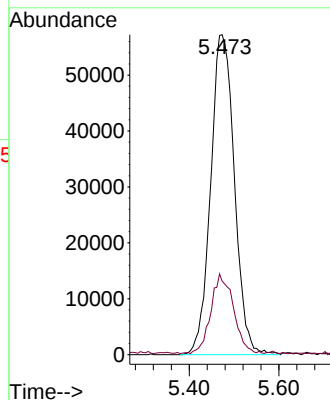
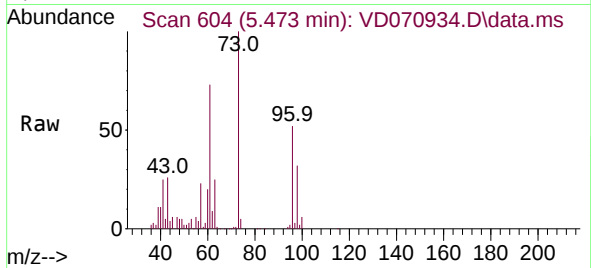




#19  
Methyl tert-butyl Ether  
Concen: 18.602 ug/l  
RT: 5.473 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

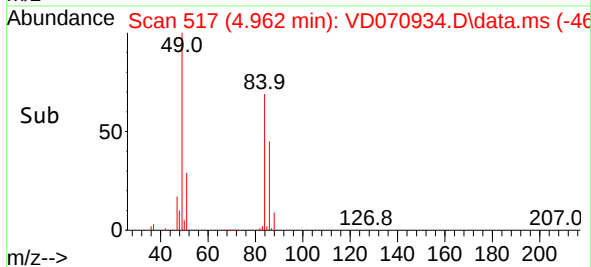
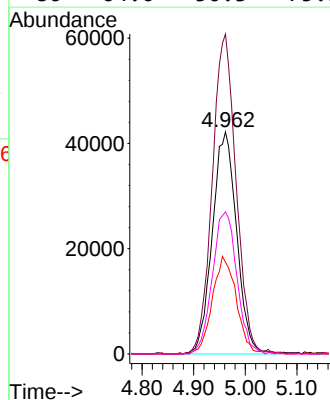
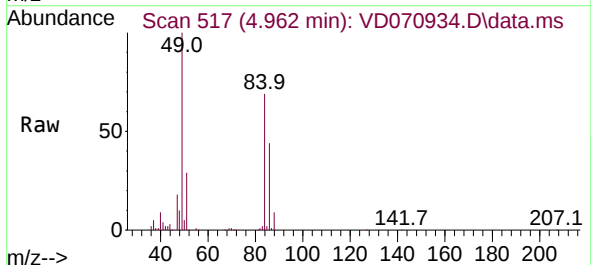
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

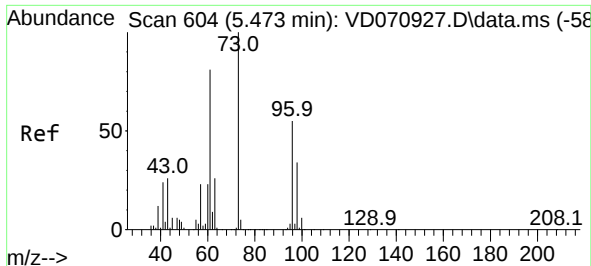
Tgt Ion: 73 Resp: 210416  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.9 28.3



#20  
Methylene Chloride  
Concen: 23.371 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.005 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 84 Resp: 138105  
Ion Ratio Lower Upper  
84 100  
49 144.0 95.8 143.6#  
51 41.3 30.9 46.3  
86 64.0 50.3 75.5

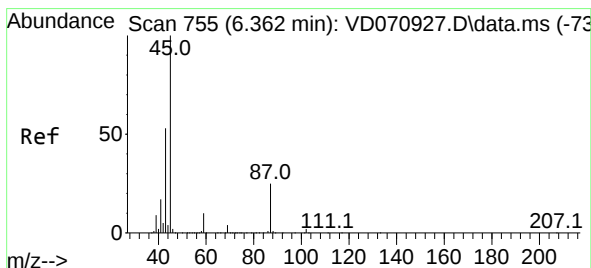
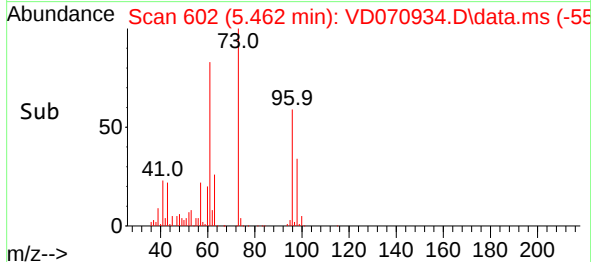
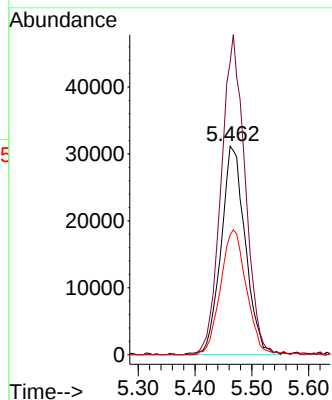
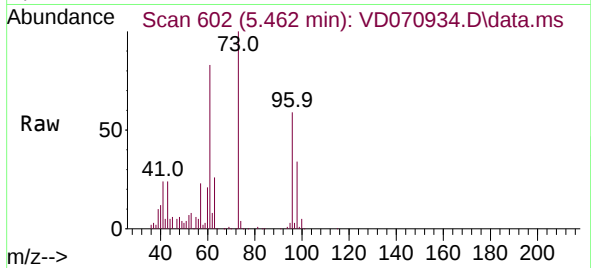




#21  
trans-1,2-Dichloroethene  
Concen: 17.961 ug/l  
RT: 5.462 min Scan# 604  
Delta R.T. -0.011 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

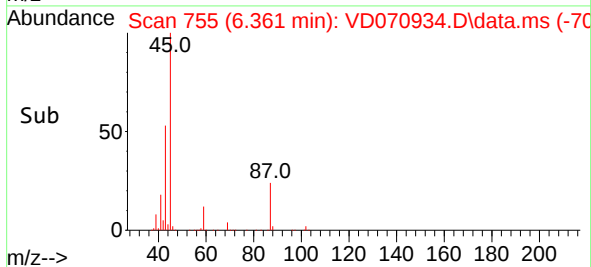
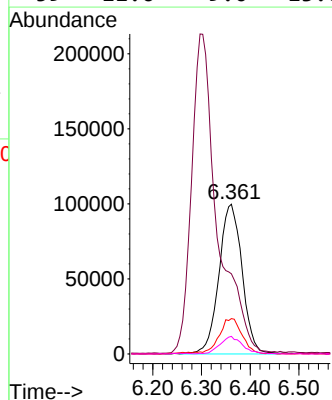
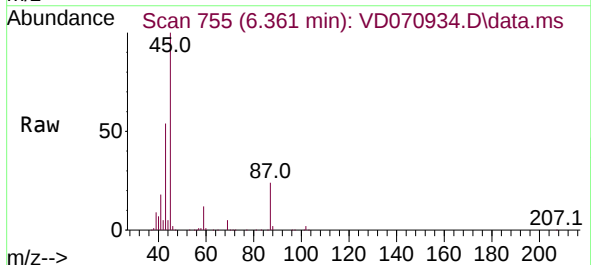
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

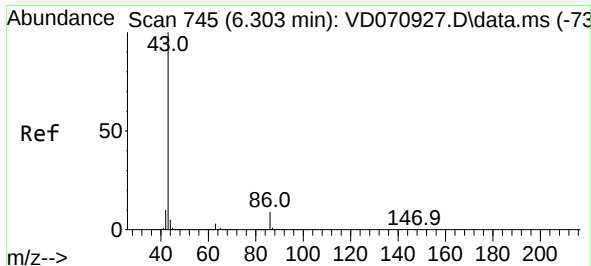
Tgt Ion: 96 Resp: 92512  
Ion Ratio Lower Upper  
96 100  
61 140.3 102.1 153.1  
98 57.6 50.1 75.1



#22  
Diisopropyl ether  
Concen: 18.911 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.001 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 45 Resp: 330415  
Ion Ratio Lower Upper  
45 100  
43 51.9 39.6 59.4  
87 23.6 21.2 31.8  
59 11.6 9.0 13.6

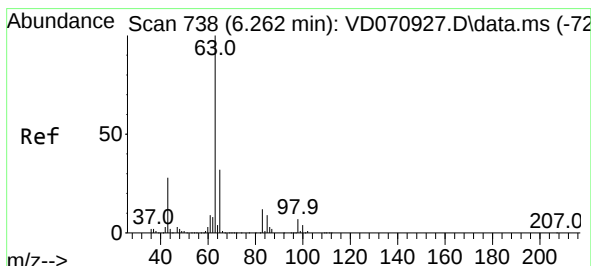
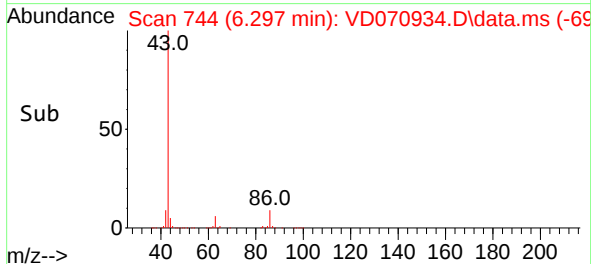
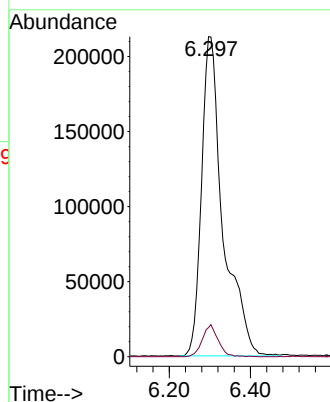
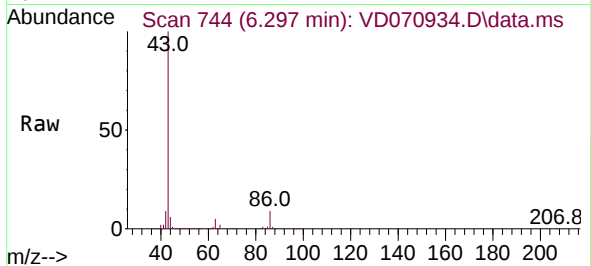




#23  
 Vinyl Acetate  
 Concen: 95.569 ug/l  
 RT: 6.297 min Scan# 744  
 Delta R.T. -0.006 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

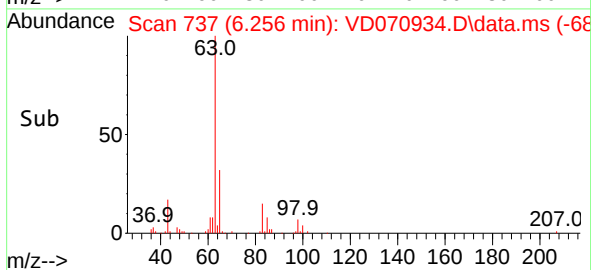
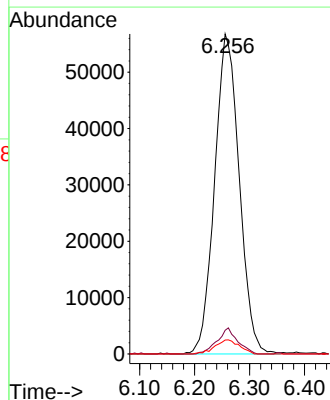
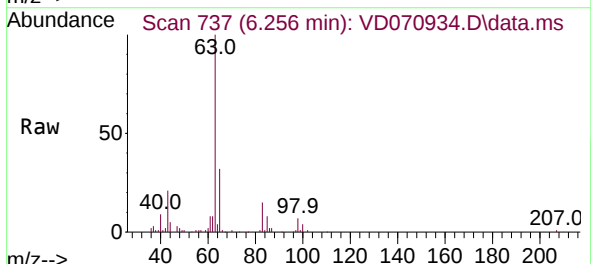
Instrument :  
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 ClientSampleId :  
 VD1108SBS01

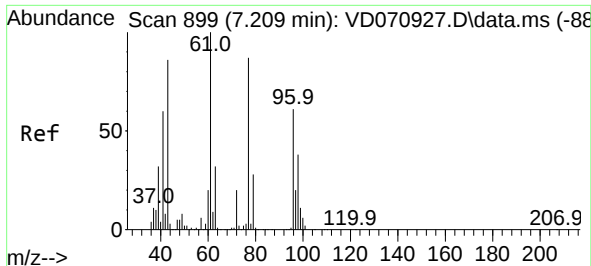
Tgt Ion: 43 Resp: 783181  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 17.749 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

Tgt Ion: 63 Resp: 176487  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.6  
 100 4.4 2.1 6.3

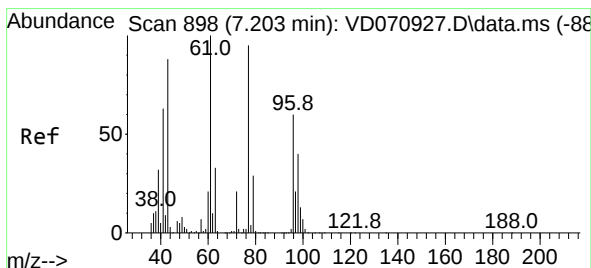
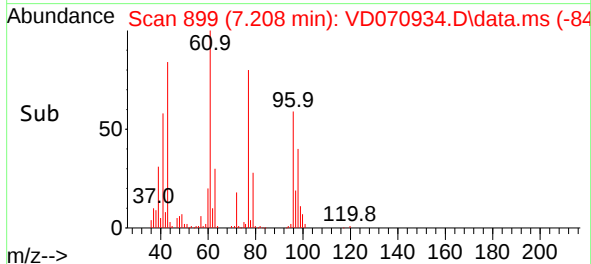
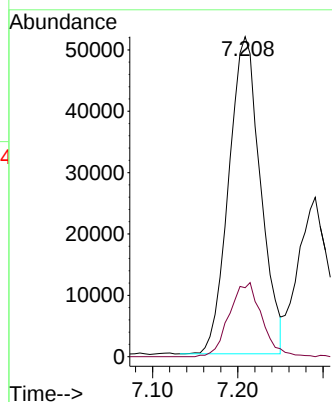
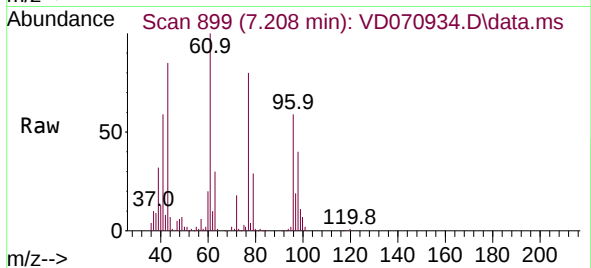




#25  
2-Butanone  
Concen: 90.304 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.001 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

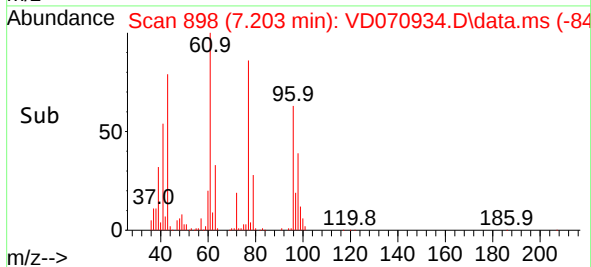
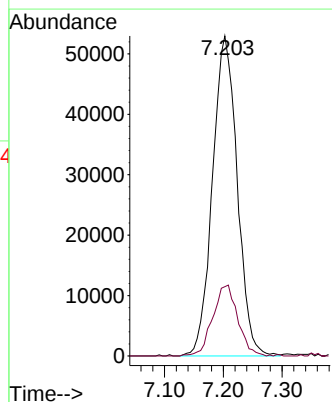
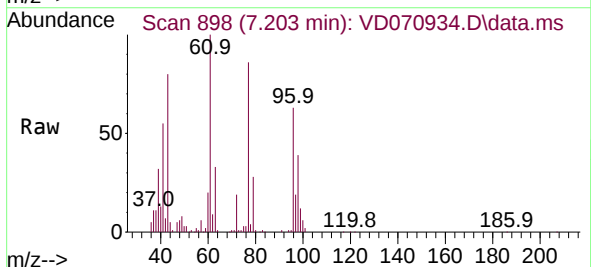
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

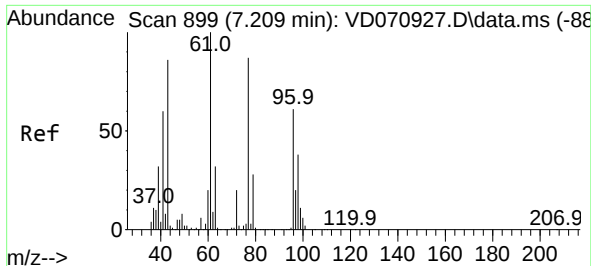
Tgt Ion: 43 Resp: 133944  
Ion Ratio Lower Upper  
43 100  
72 21.7 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 16.905 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 77 Resp: 154958  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.177 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

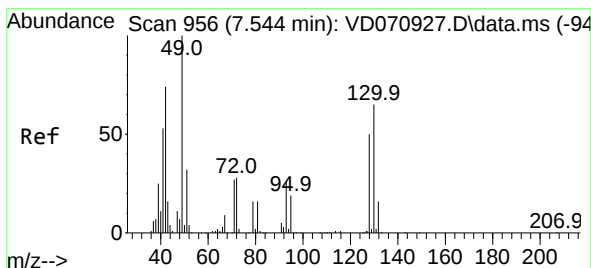
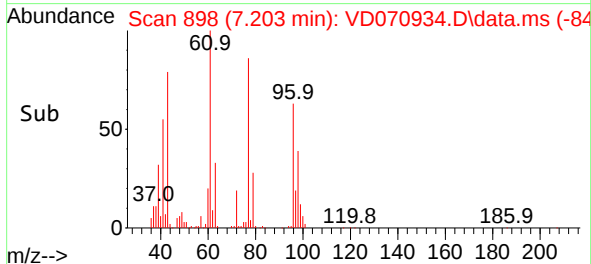
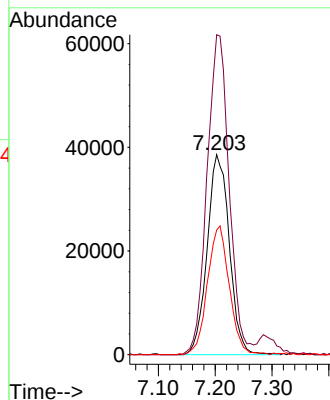
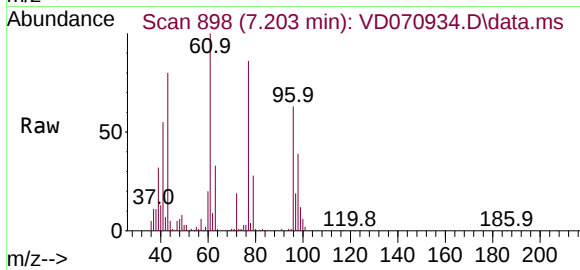
Tgt Ion: 96 Resp: 104528

Ion Ratio Lower Upper

96 100

61 159.4 0.0 288.6

98 63.4 0.0 129.2



#28

Bromochloromethane

Concen: 22.185 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

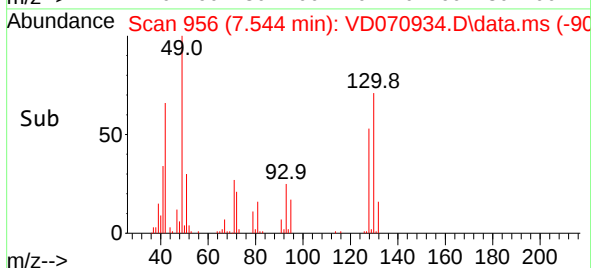
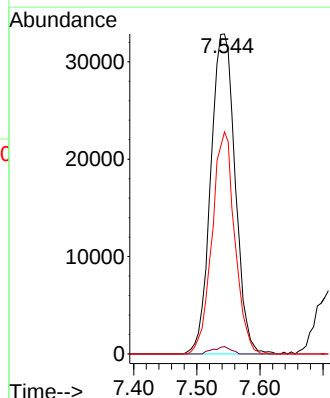
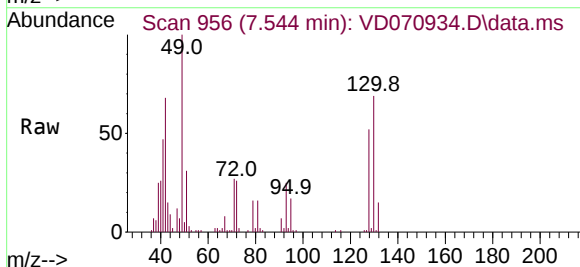
Tgt Ion: 49 Resp: 88242

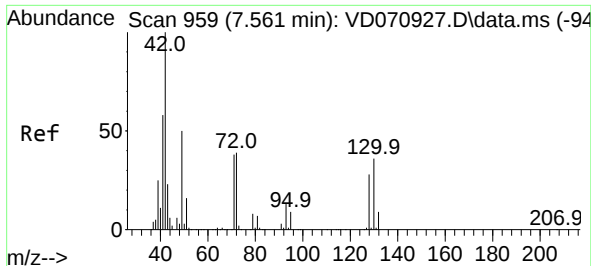
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 64.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 98.532 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

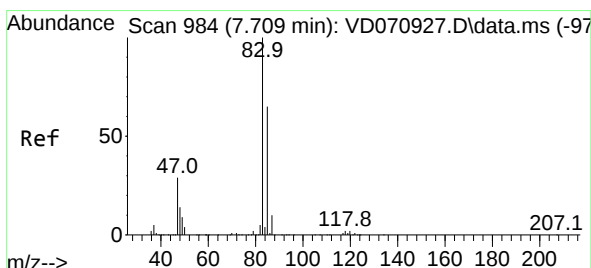
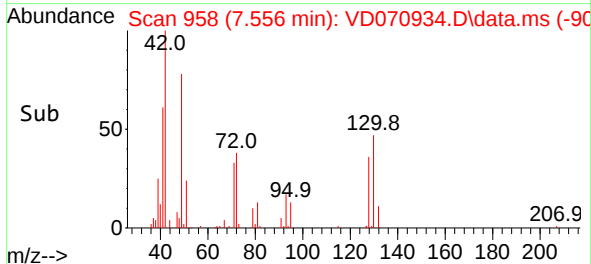
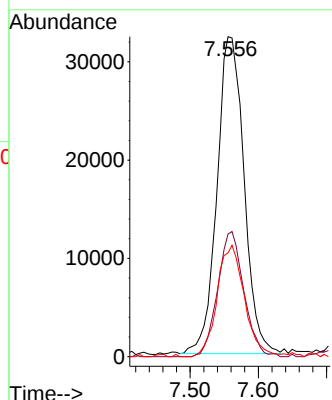
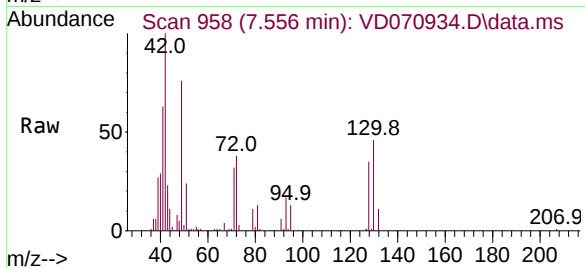
Tgt Ion: 42 Resp: 89164

Ion Ratio Lower Upper

42 100

72 38.1 33.7 50.5

71 35.4 32.7 49.1



#30

Chloroform

Concen: 17.567 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.001 min

Lab File: VD070934.D

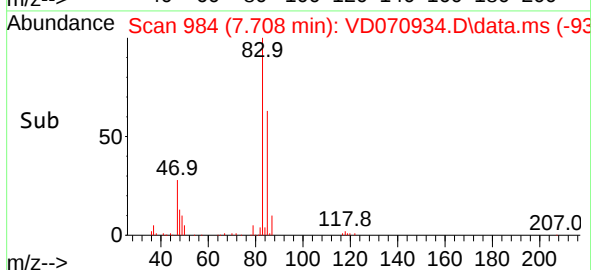
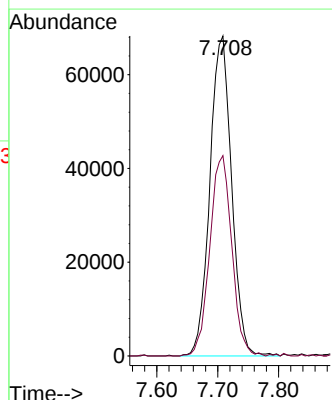
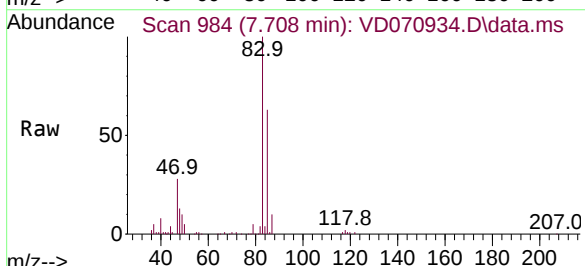
Acq: 08 Nov 2021 14:30

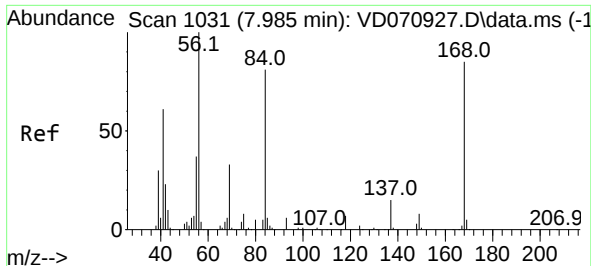
Tgt Ion: 83 Resp: 169399

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.6

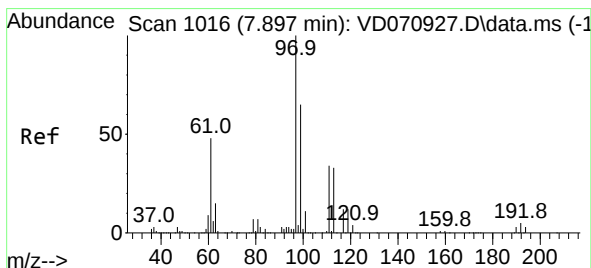
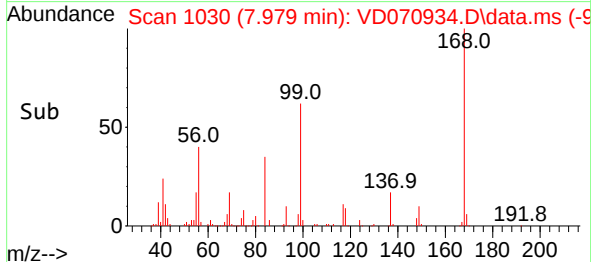
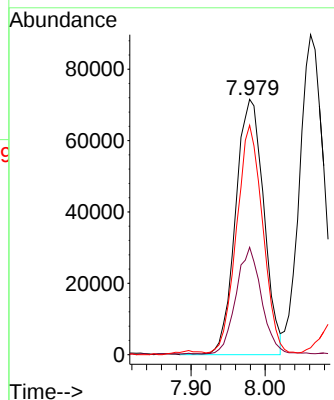
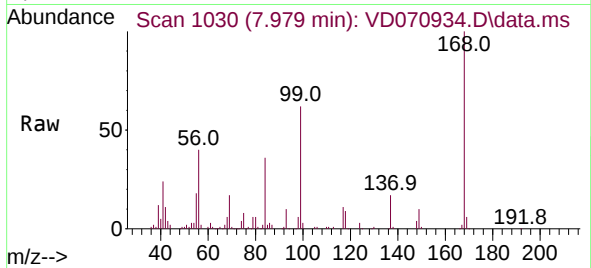




#31  
Cyclohexane  
Concen: 18.062 ug/l  
RT: 7.979 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

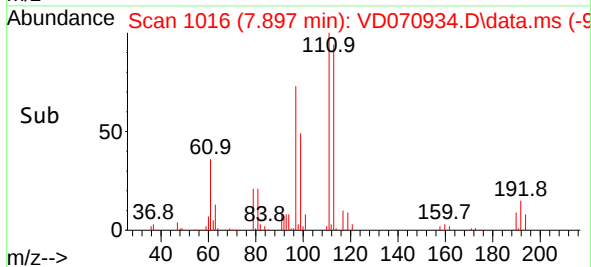
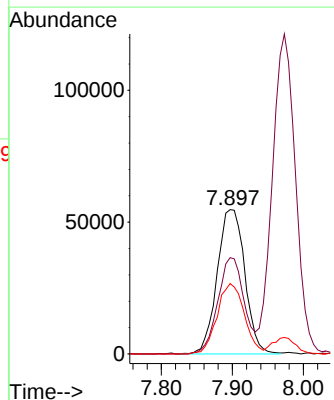
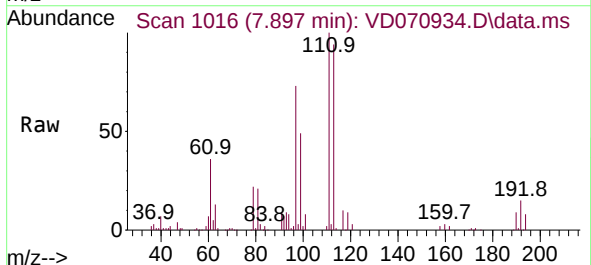
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

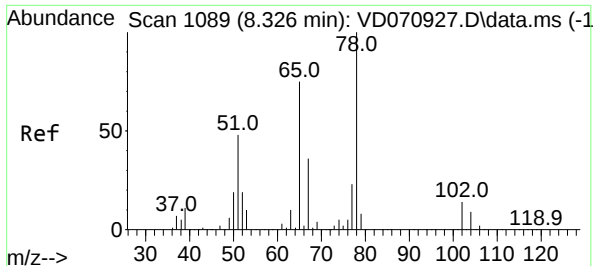
Tgt Ion: 56 Resp: 189104  
Ion Ratio Lower Upper  
56 100  
69 41.7 25.9 38.9#  
84 89.0 64.3 96.5



#32  
1,1,1-Trichloroethane  
Concen: 16.618 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 97 Resp: 148021  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.3 75.5  
61 47.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.432 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

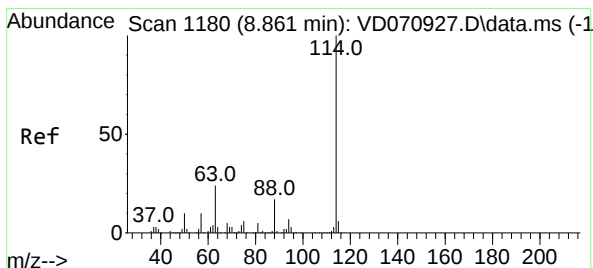
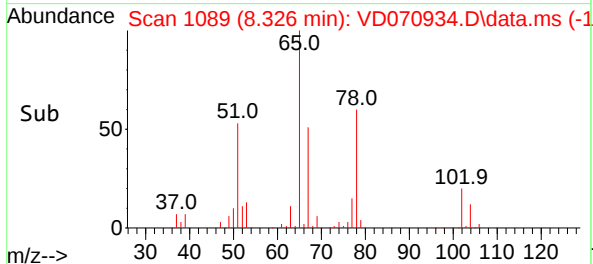
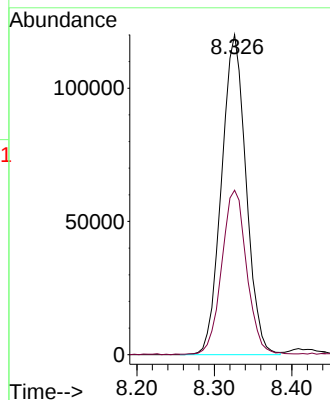
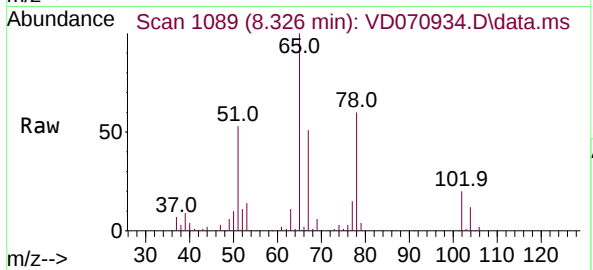
VD1108SBS01

Tgt Ion: 65 Resp: 264578

Ion Ratio Lower Upper

65 100

67 52.6 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: VD070934.D

Acq: 08 Nov 2021 14:30

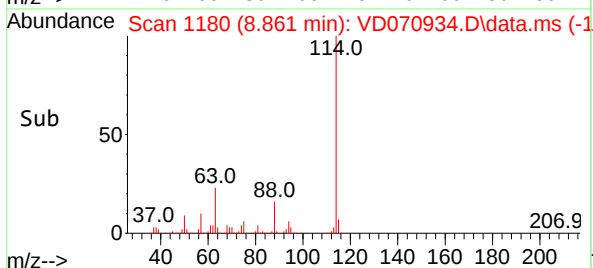
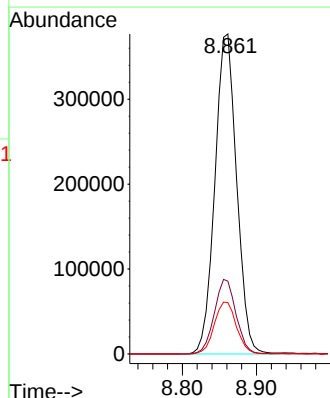
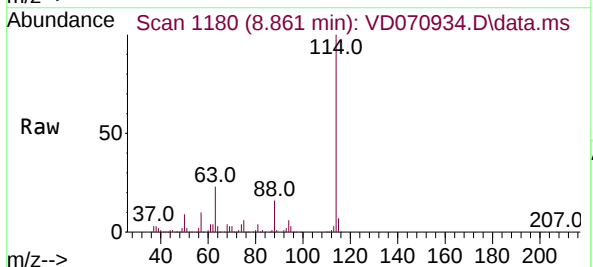
Tgt Ion: 114 Resp: 768906

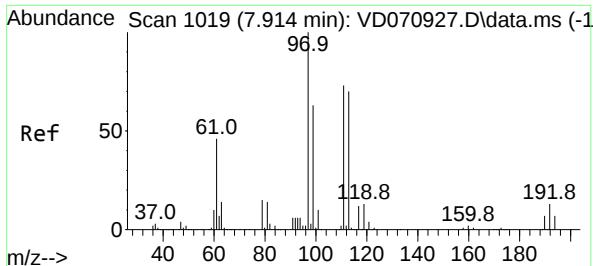
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.005 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

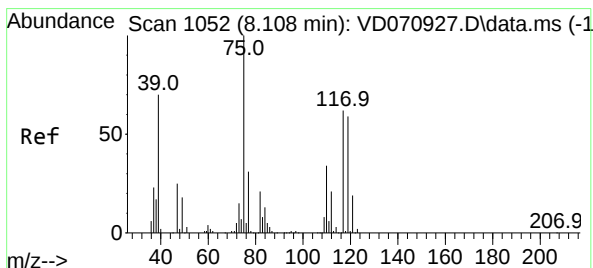
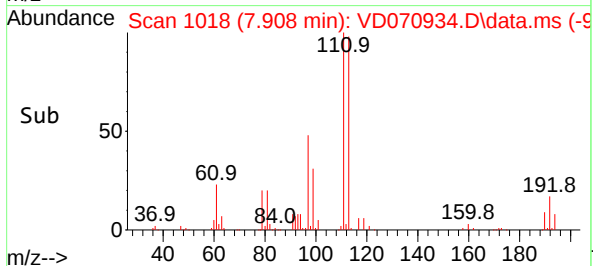
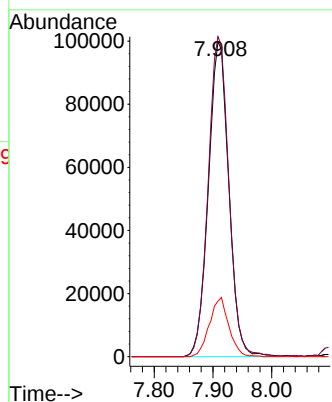
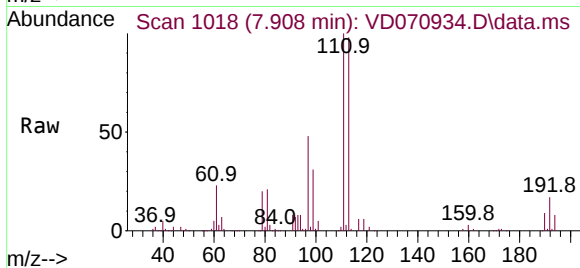
Tgt Ion:113 Resp: 240870

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 17.8 15.2 22.8



#36

1,1-Dichloropropene

Concen: 17.219 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

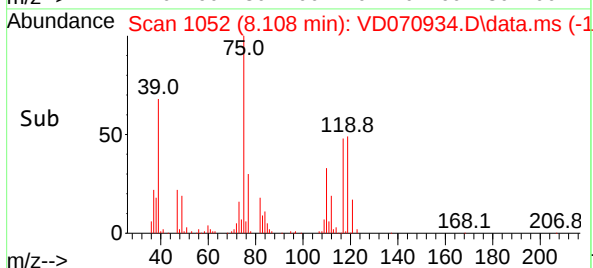
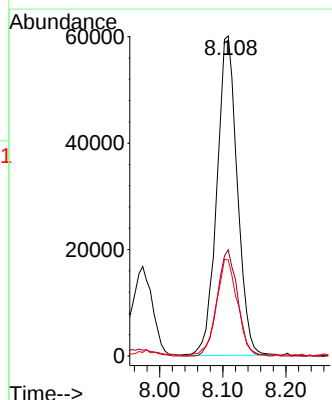
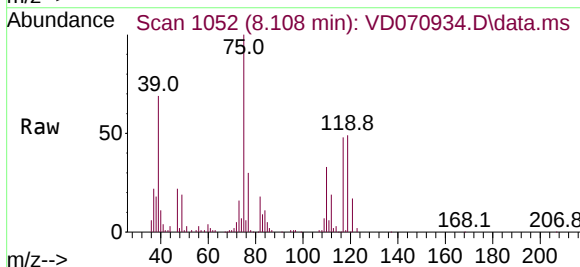
Tgt Ion: 75 Resp: 135272

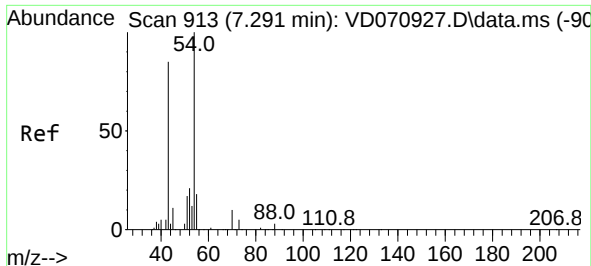
Ion Ratio Lower Upper

75 100

110 33.1 17.8 53.4

77 31.5 24.8 37.2

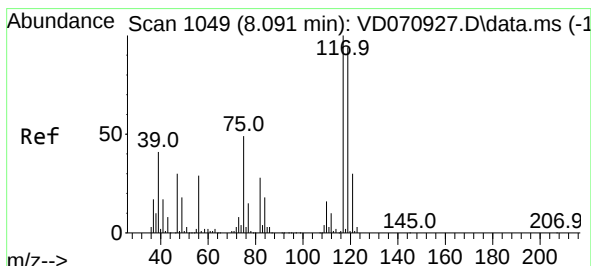
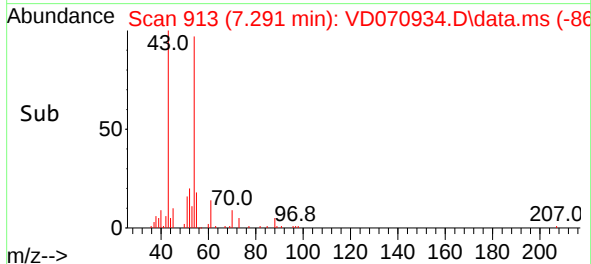
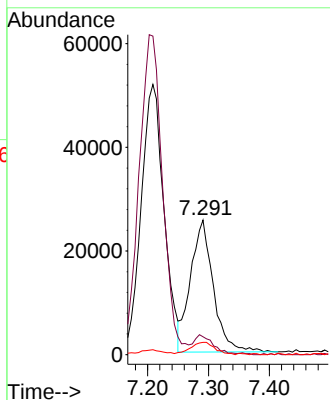
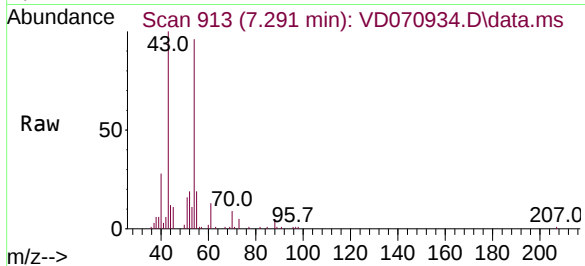




#37  
Ethyl Acetate  
Concen: 20.713 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

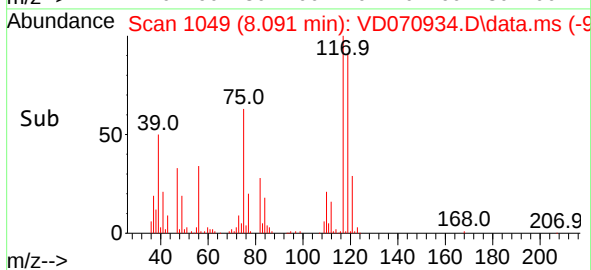
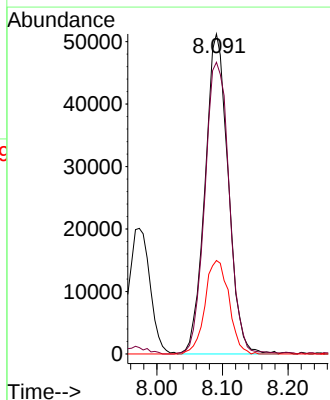
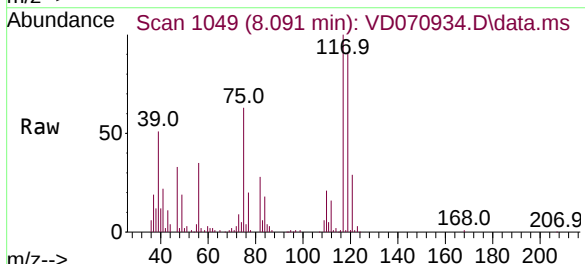
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

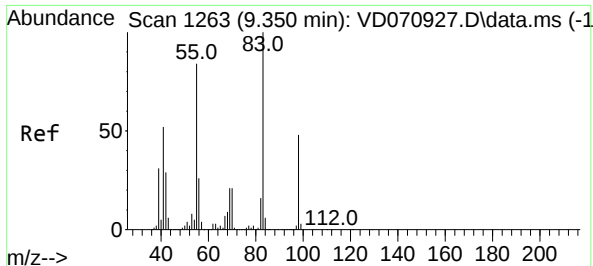
Tgt Ion: 43 Resp: 66459  
Ion Ratio Lower Upper  
43 100  
61 11.4 13.0 19.6#  
70 10.1 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 16.501 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 117 Resp: 125853  
Ion Ratio Lower Upper  
117 100  
119 90.8 75.8 113.6  
121 29.2 23.6 35.4





#39

Methylcyclohexane

Concen: 17.736 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

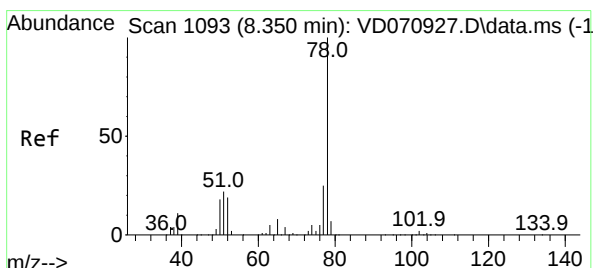
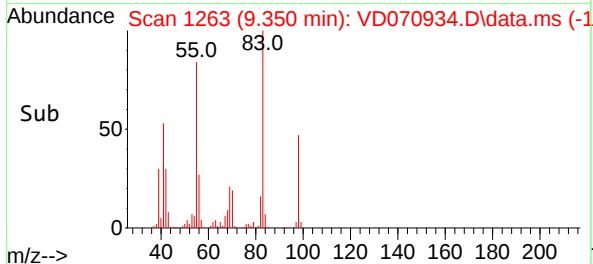
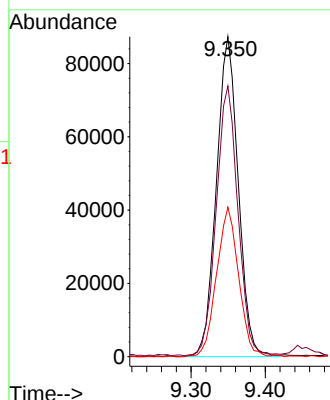
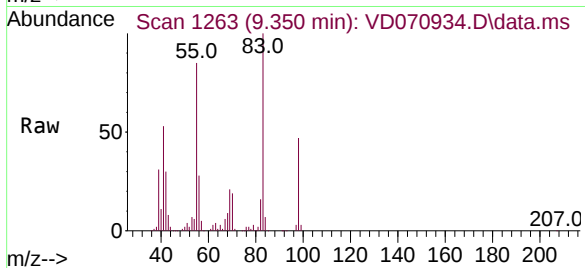
Tgt Ion: 83 Resp: 178878

Ion Ratio Lower Upper

83 100

55 84.1 65.8 98.8

98 46.7 38.7 58.1



#40

Benzene

Concen: 17.840 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD070934.D

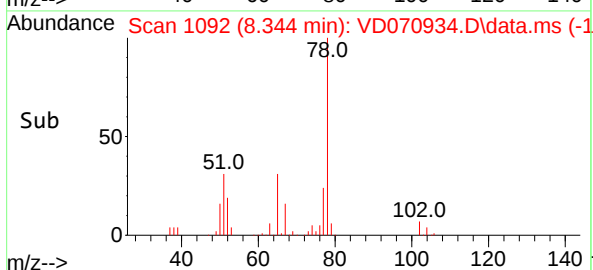
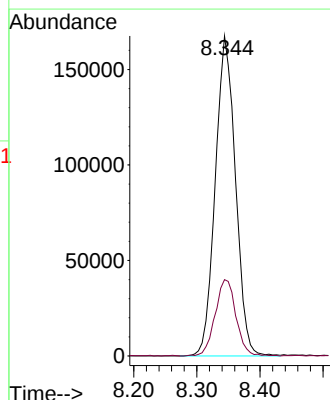
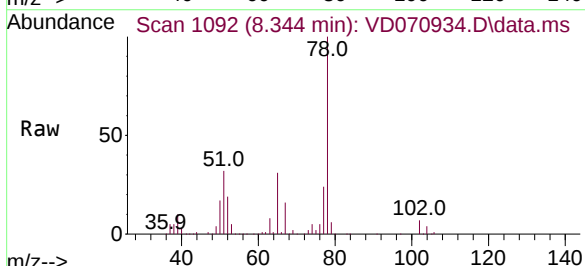
Acq: 08 Nov 2021 14:30

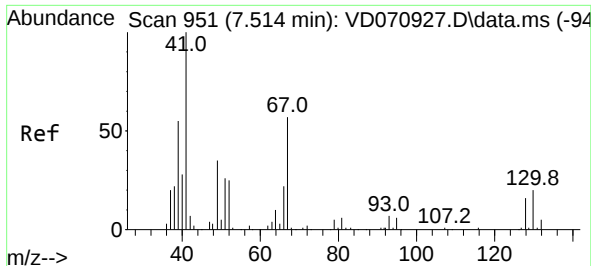
Tgt Ion: 78 Resp: 371833

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

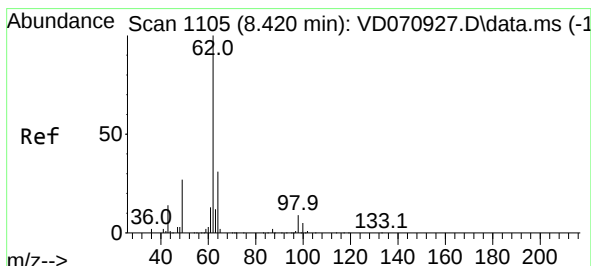
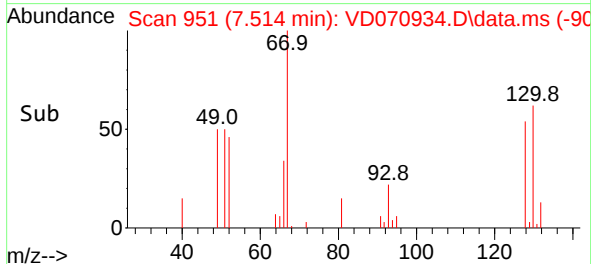
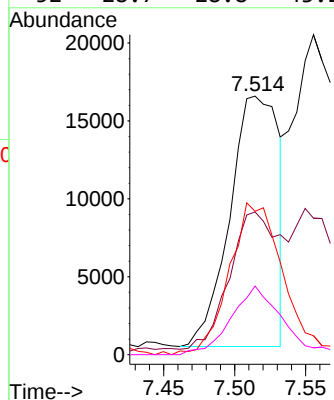
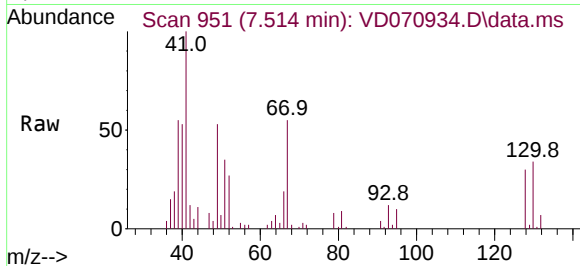




#41  
Methacrylonitrile  
Concen: 18.211 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

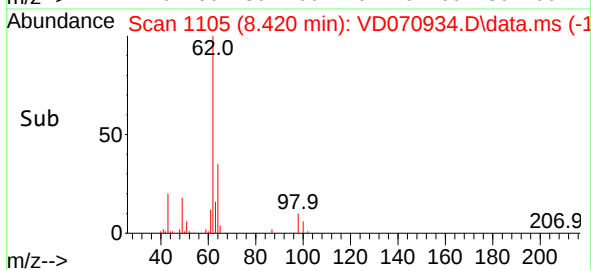
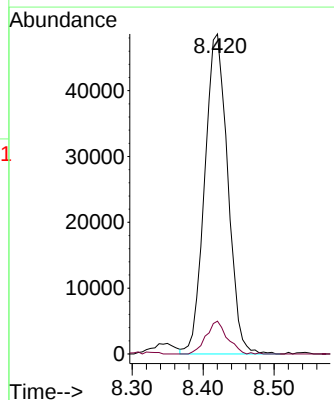
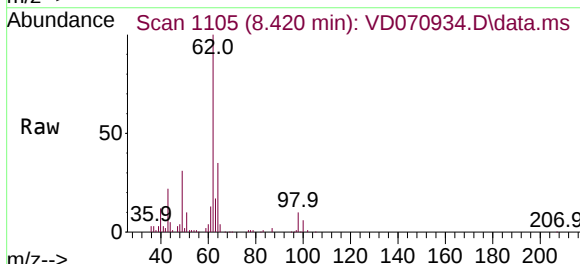
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

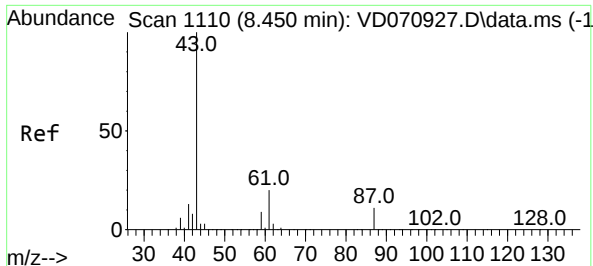
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 38413  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 59.8  | 60.2  | 90.4#  |
| 67       | 66.7  | 74.8  | 112.2# |
| 52       | 28.7  | 28.8  | 43.2#  |



#42  
1,2-Dichloroethane  
Concen: 17.087 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 109621 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 21.8   |





#43

Isopropyl Acetate

Concen: 18.546 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

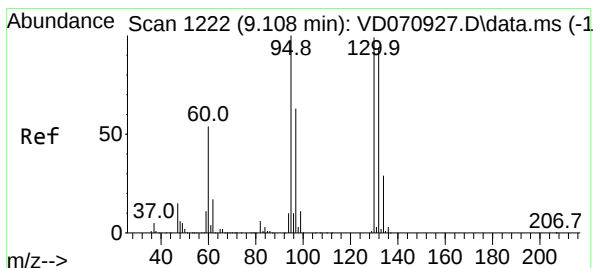
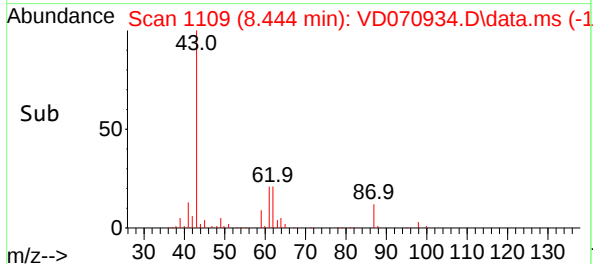
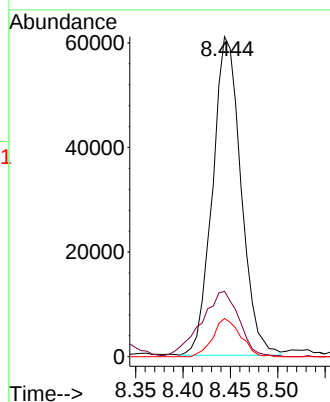
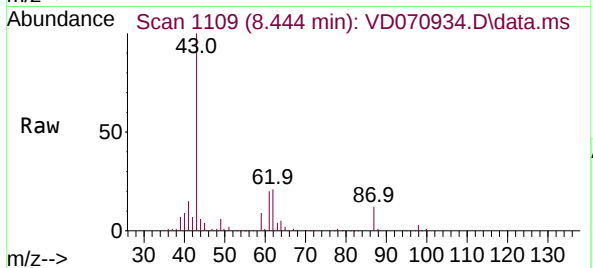
Tgt Ion: 43 Resp: 127410

Ion Ratio Lower Upper

43 100

61 27.3 28.2 42.4#

87 11.6 10.7 16.1



#44

Trichloroethene

Concen: 17.195 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD070934.D

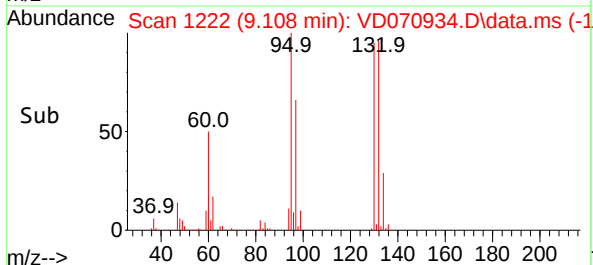
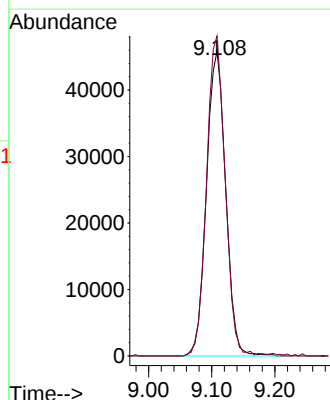
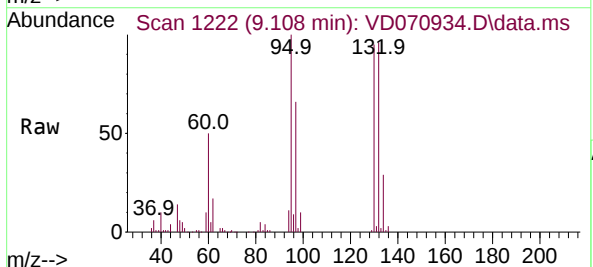
Acq: 08 Nov 2021 14:30

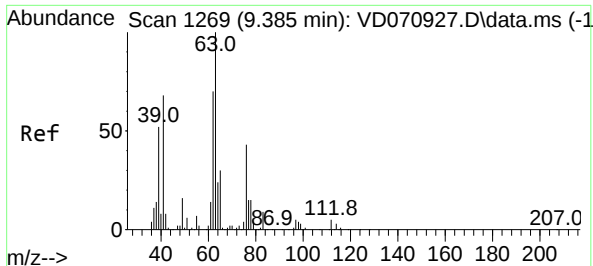
Tgt Ion:130 Resp: 96325

Ion Ratio Lower Upper

130 100

95 105.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 18.496 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

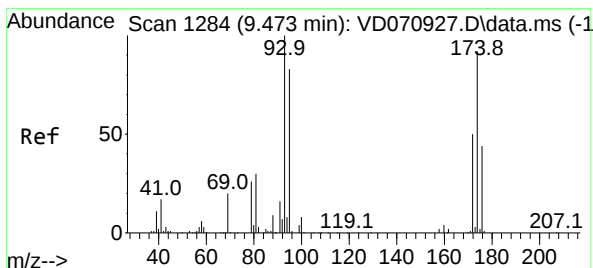
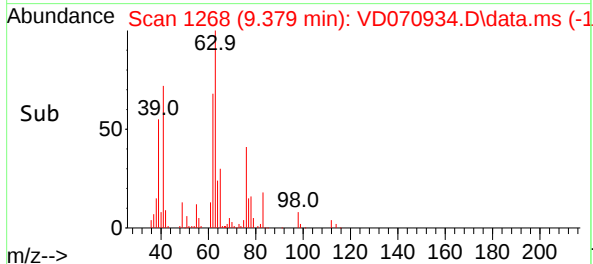
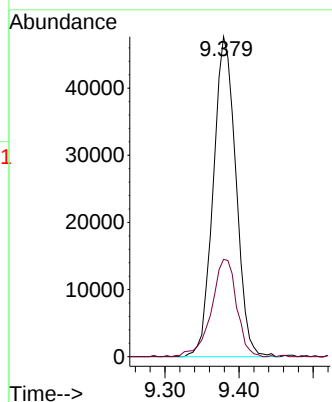
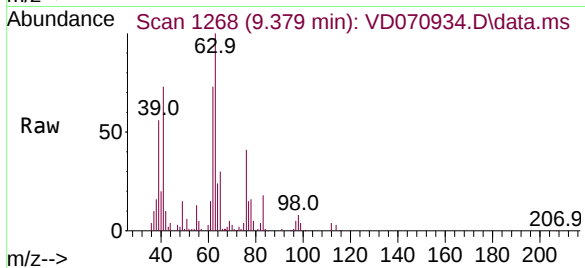
VD1108SBS01

Tgt Ion: 63 Resp: 101139

Ion Ratio Lower Upper

63 100

65 30.0 24.2 36.2



#46

Dibromomethane

Concen: 18.187 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

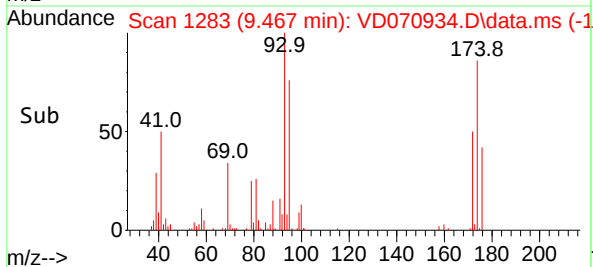
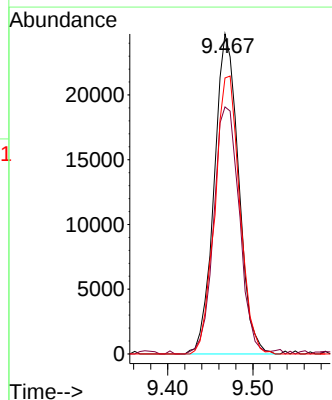
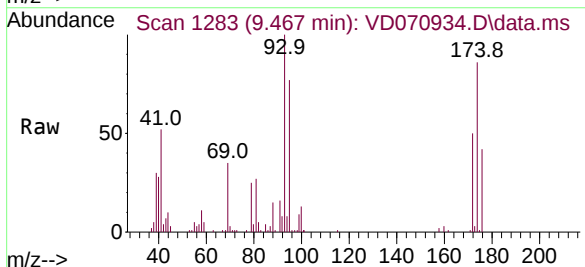
Tgt Ion: 93 Resp: 49163

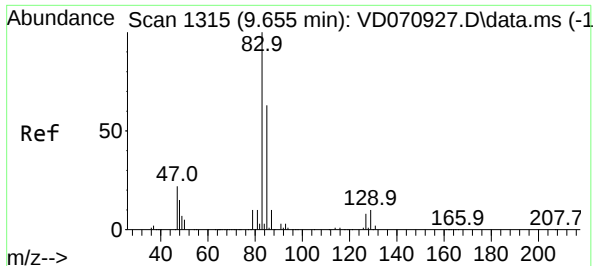
Ion Ratio Lower Upper

93 100

95 80.9 66.1 99.1

174 88.4 78.6 117.8

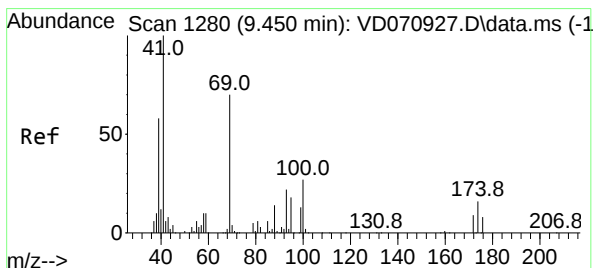
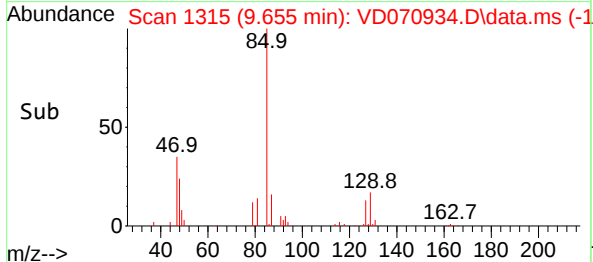
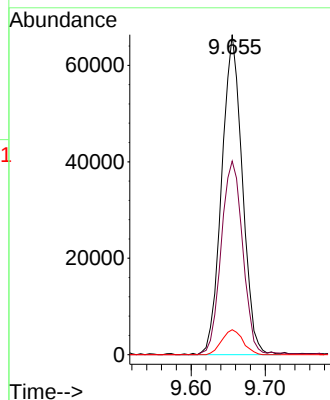
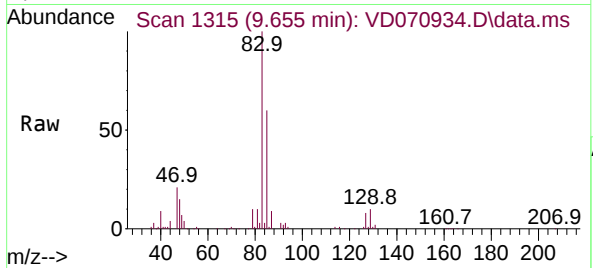




#47  
Bromodichloromethane  
Concen: 17.356 ug/l  
RT: 9.655 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

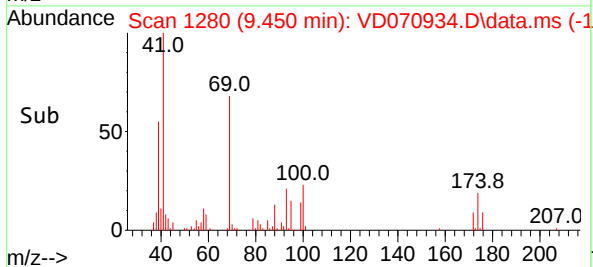
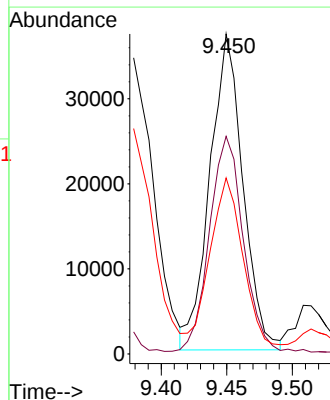
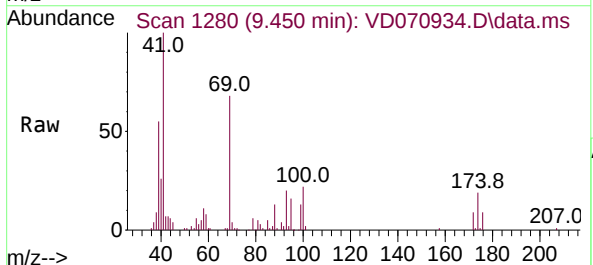
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

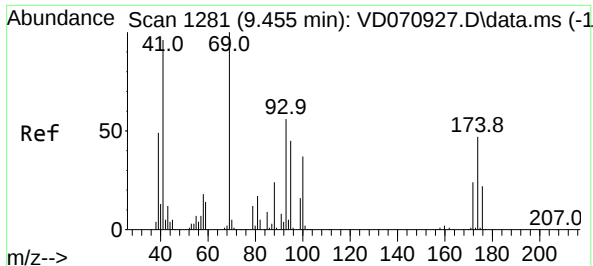
Tgt Ion: 83 Resp: 128247  
Ion Ratio Lower Upper  
83 100  
85 60.5 50.0 75.0  
127 7.8 7.3 10.9



#48  
Methyl methacrylate  
Concen: 18.353 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 41 Resp: 65092  
Ion Ratio Lower Upper  
41 100  
69 70.5 69.8 104.6  
39 51.5 35.6 53.4

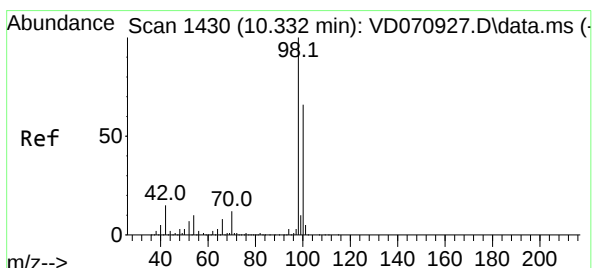
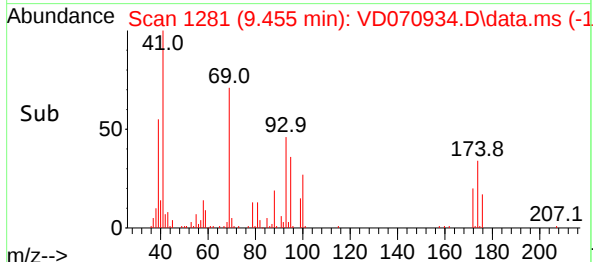
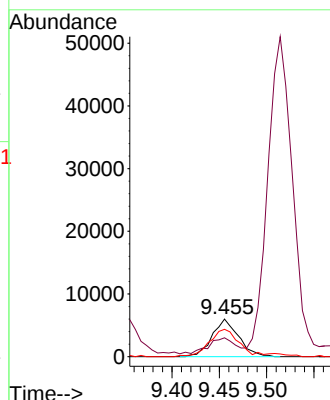
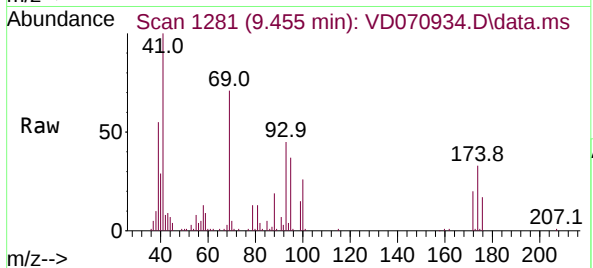




#49  
1,4-Dioxane  
Concen: 387.701 ug/l  
RT: 9.455 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

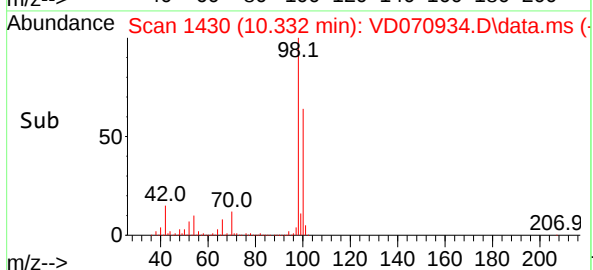
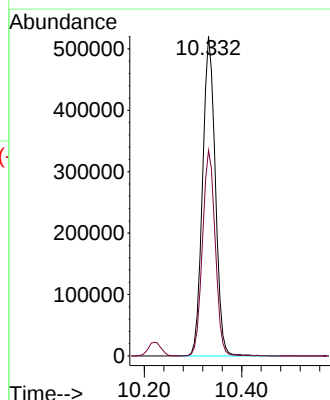
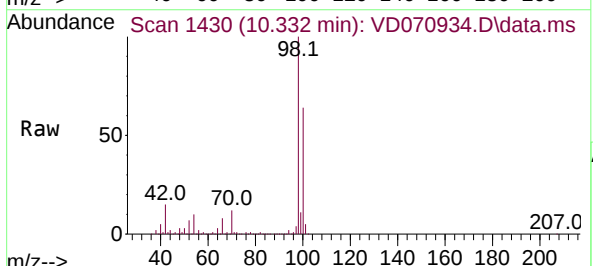
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

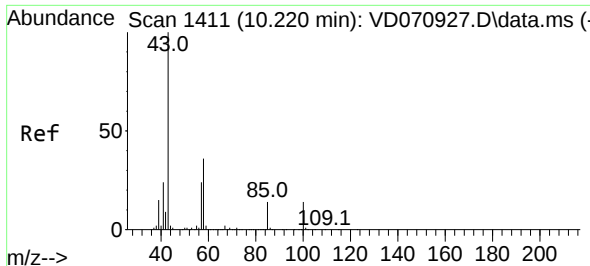
Tgt Ion: 88 Resp: 11651  
Ion Ratio Lower Upper  
88 100  
43 41.7 28.9 43.3  
58 83.1 56.3 84.5



#50  
Toluene-d8  
Concen: 50.453 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 98 Resp: 944710  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.8 77.6

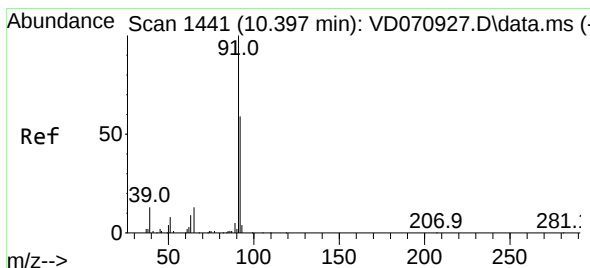
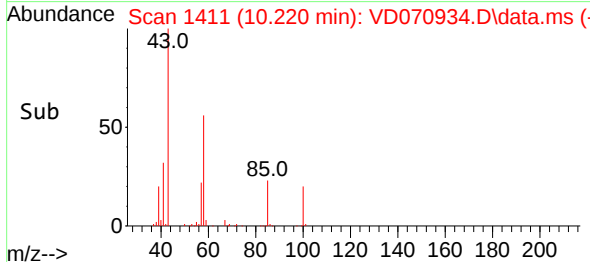
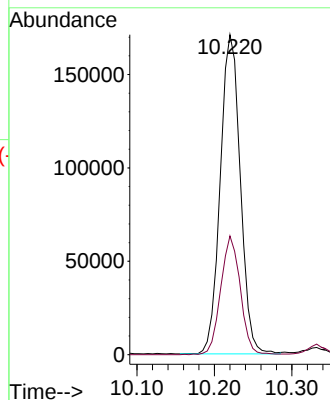
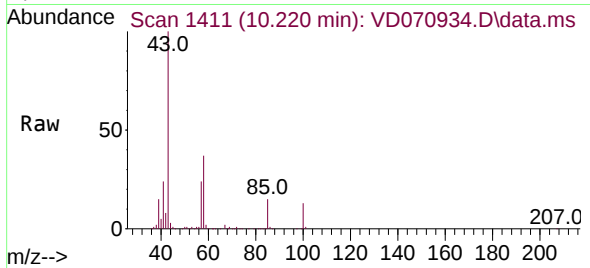




#51  
4-Methyl-2-Pentanone  
Concen: 95.392 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

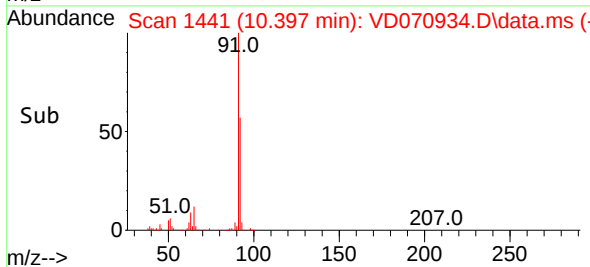
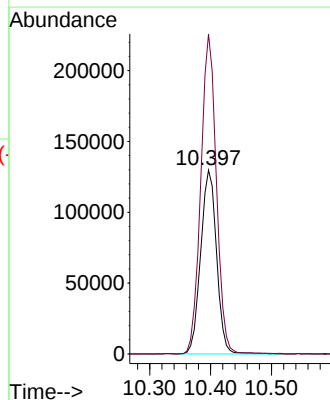
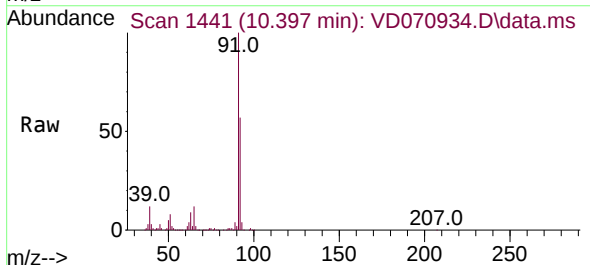
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

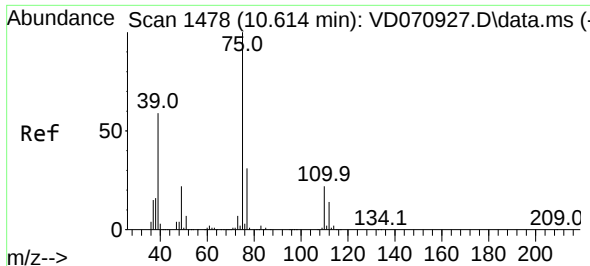
Tgt Ion: 43 Resp: 308260  
Ion Ratio Lower Upper  
43 100  
58 36.4 33.1 49.7



#52  
Toluene  
Concen: 17.601 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 92 Resp: 234454  
Ion Ratio Lower Upper  
92 100  
91 171.1 140.7 211.1

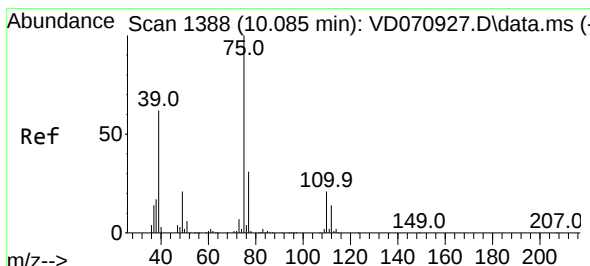
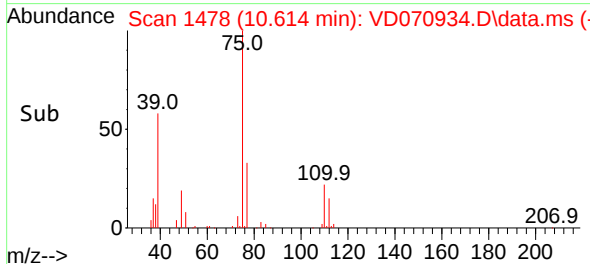
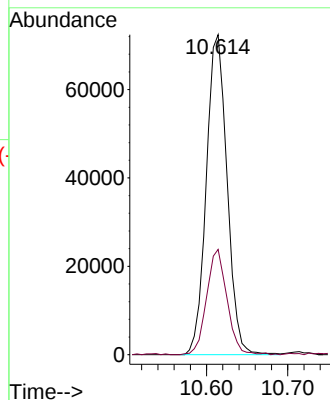
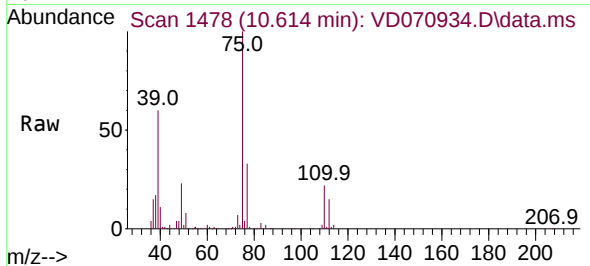




#53  
 t-1,3-Dichloropropene  
 Concen: 17.464 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

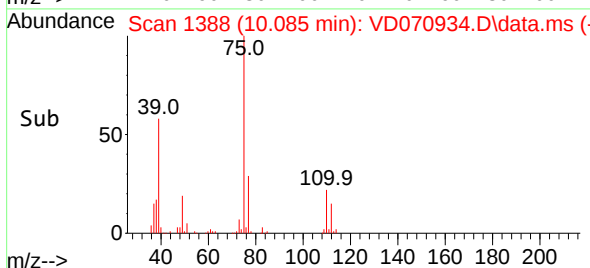
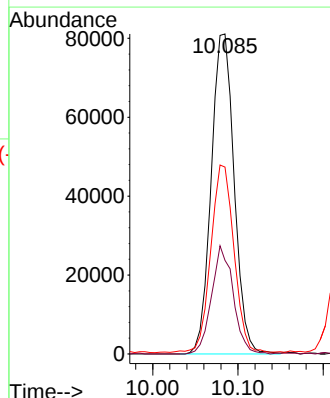
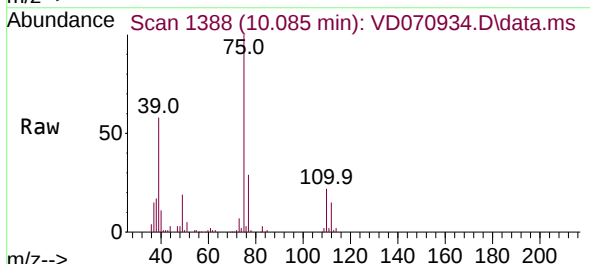
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

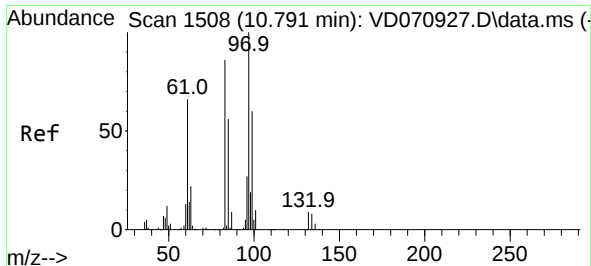
Tgt Ion: 75 Resp: 128645  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.698 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

Tgt Ion: 75 Resp: 151840  
 Ion Ratio Lower Upper  
 75 100  
 77 29.3 25.0 37.6  
 39 57.7 31.6 47.4#

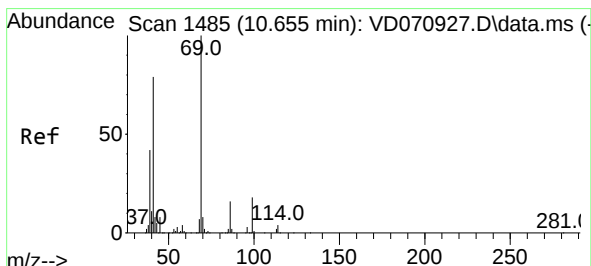
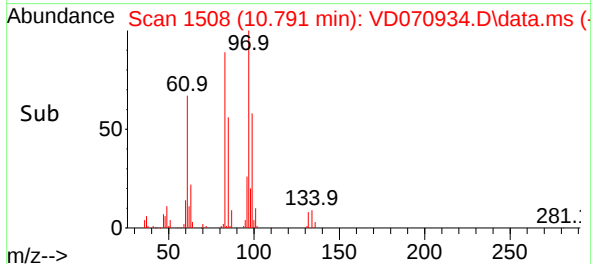
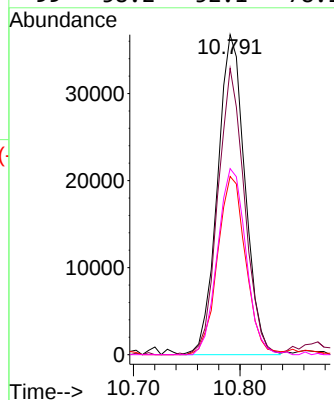
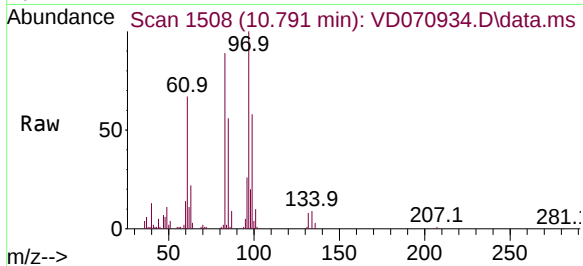




#55  
1,1,2-Trichloroethane  
Concen: 18.534 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

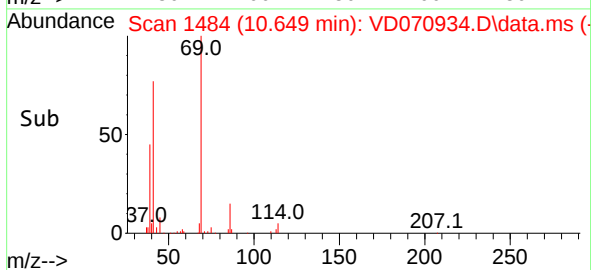
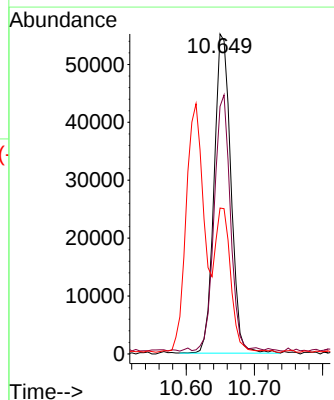
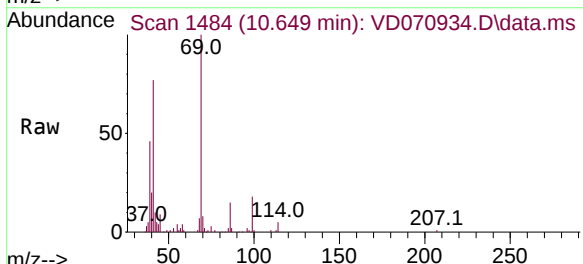
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

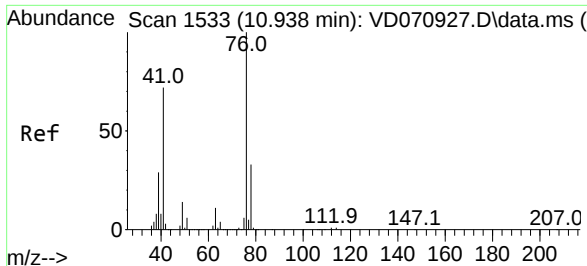
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65638 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.0  | 65.2  | 97.8  |
| 85       | 55.7  | 43.4  | 65.0  |
| 99       | 58.2  | 52.1  | 78.1  |



#56  
Ethyl methacrylate  
Concen: 18.179 ug/l  
RT: 10.649 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 94226 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 77.4  | 50.2  | 75.2# |
| 39       | 40.8  | 19.8  | 29.8# |

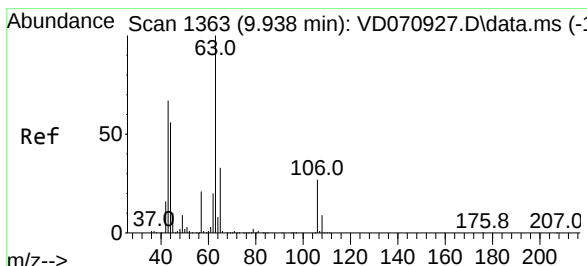
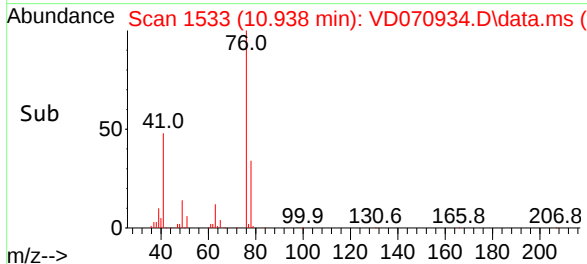
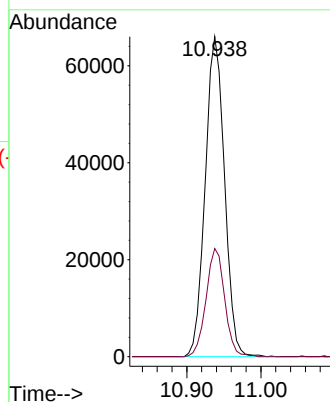
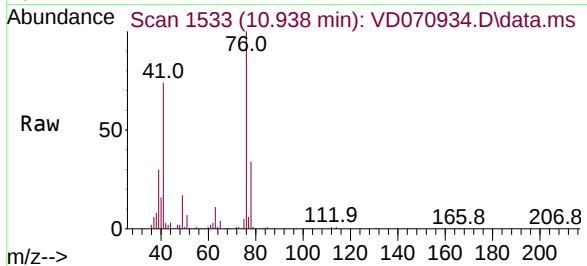




#57  
1,3-Dichloropropane  
Concen: 18.263 ug/l  
RT: 10.938 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

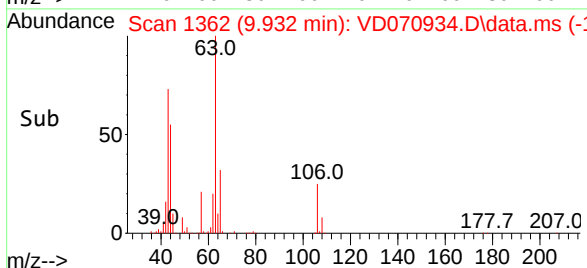
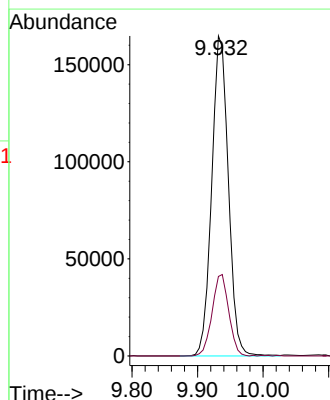
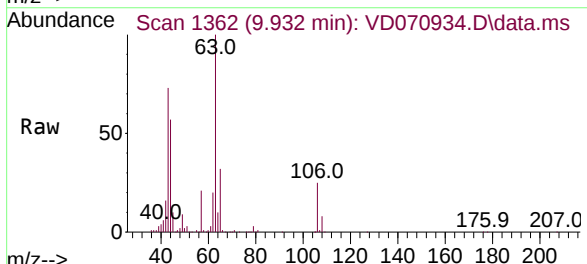
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

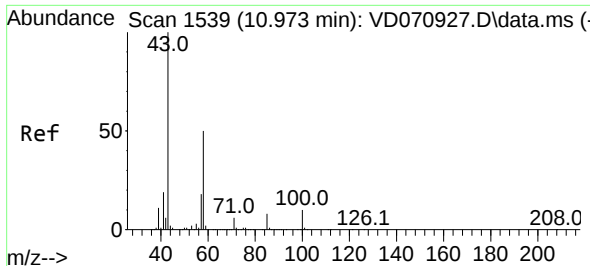
Tgt Ion: 76 Resp: 119487  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 117.049 ug/l  
RT: 9.932 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 63 Resp: 290627  
Ion Ratio Lower Upper  
63 100  
106 25.4 21.0 31.4

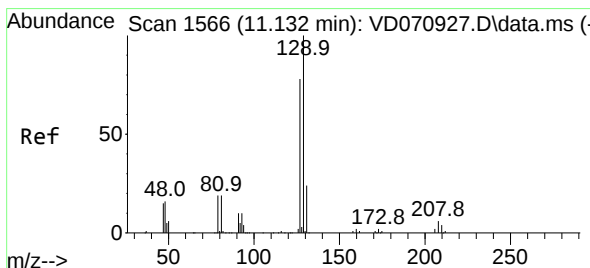
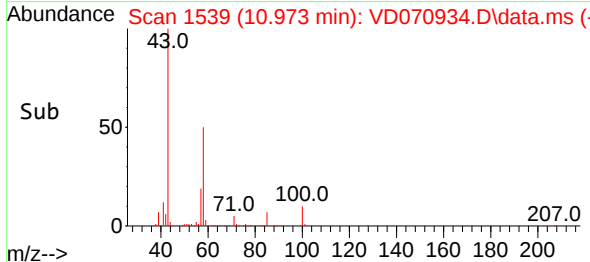
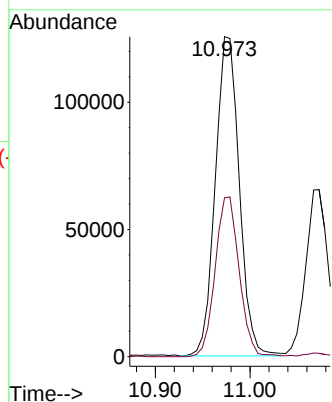
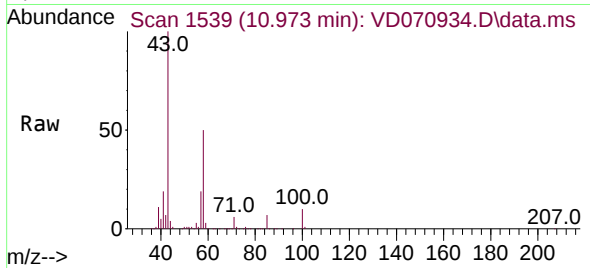




#59  
2-Hexanone  
Concen: 92.091 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

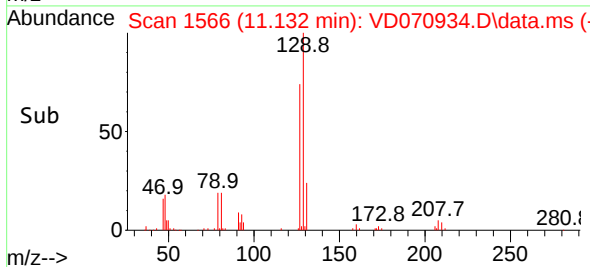
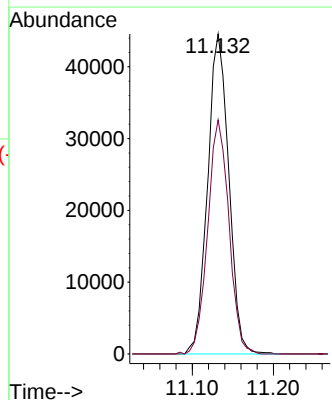
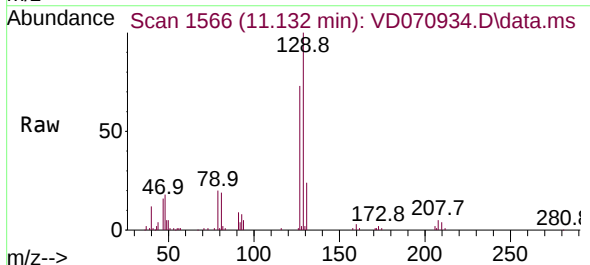
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

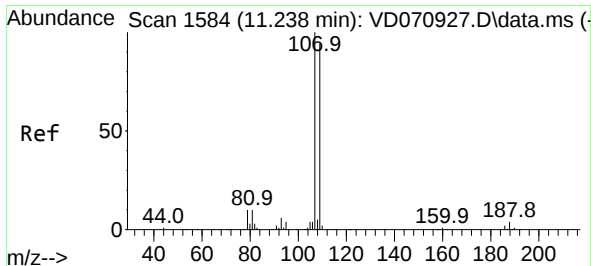
Tgt Ion: 43 Resp: 221053  
Ion Ratio Lower Upper  
43 100  
58 50.1 28.7 86.1



#60  
Dibromochloromethane  
Concen: 17.841 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 129 Resp: 80637  
Ion Ratio Lower Upper  
129 100  
127 73.4 38.9 116.6

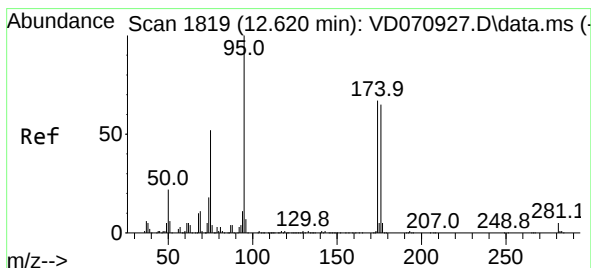
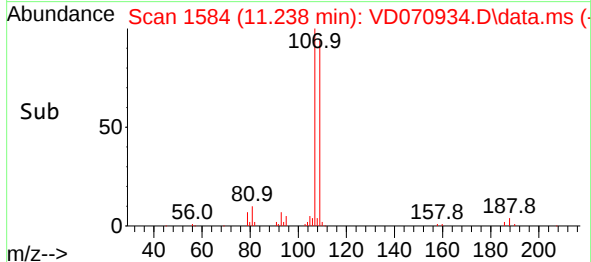
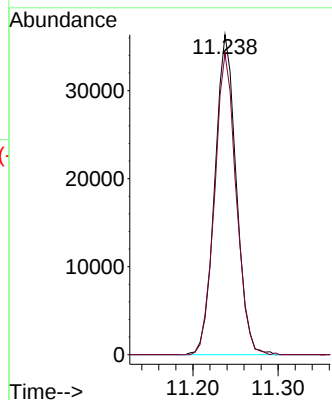
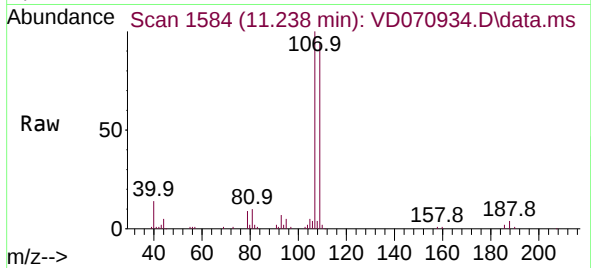




#61  
1,2-Dibromoethane  
Concen: 17.969 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

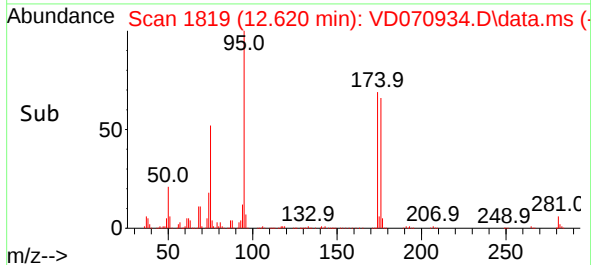
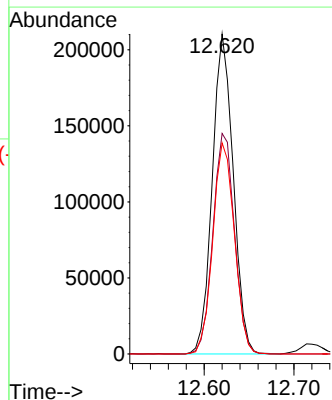
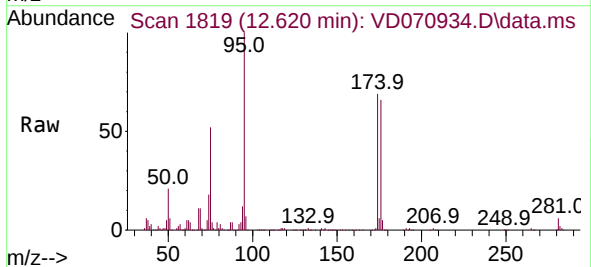
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

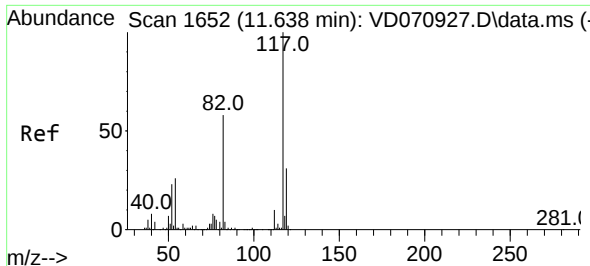
Tgt Ion:107 Resp: 63392  
Ion Ratio Lower Upper  
107 100  
109 94.7 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 48.253 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 95 Resp: 341084  
Ion Ratio Lower Upper  
95 100  
174 71.0 0.0 159.4  
176 68.0 0.0 154.0

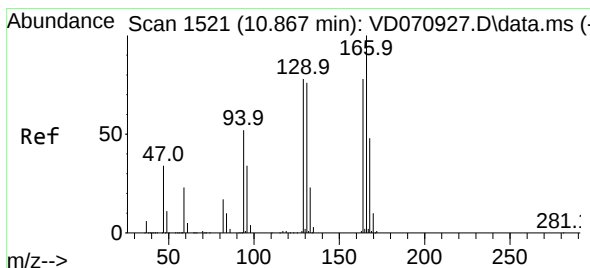
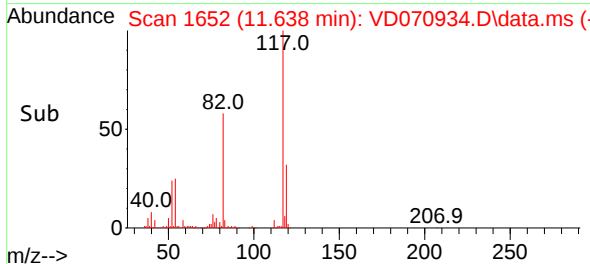
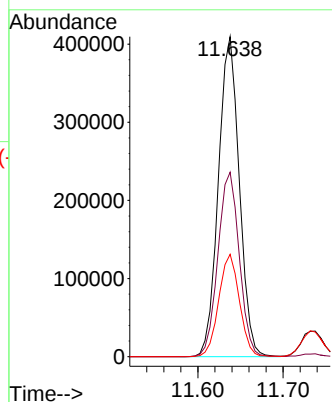
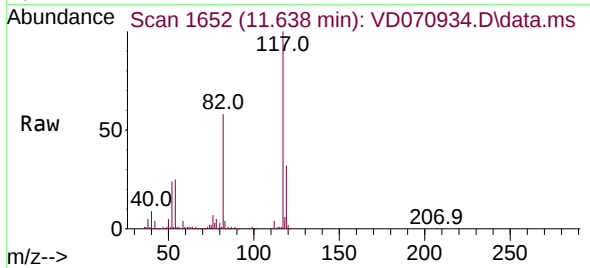




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

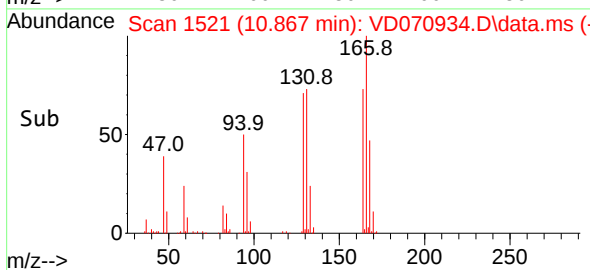
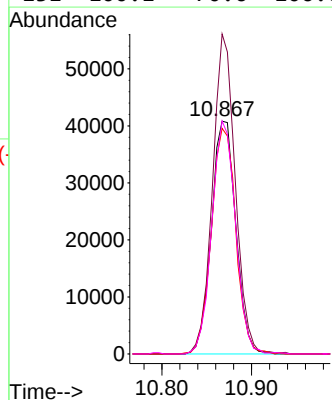
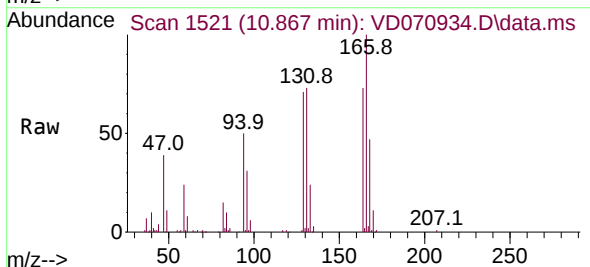
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

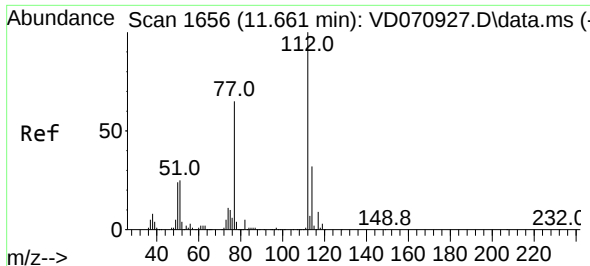
Tgt Ion:117 Resp: 699375  
Ion Ratio Lower Upper  
117 100  
82 57.6 44.7 67.1  
119 32.0 26.2 39.4



#64  
Tetrachloroethene  
Concen: 16.591 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion:164 Resp: 77169  
Ion Ratio Lower Upper  
164 100  
166 137.4 102.6 153.8  
129 96.9 75.4 113.0  
131 100.1 70.6 106.0

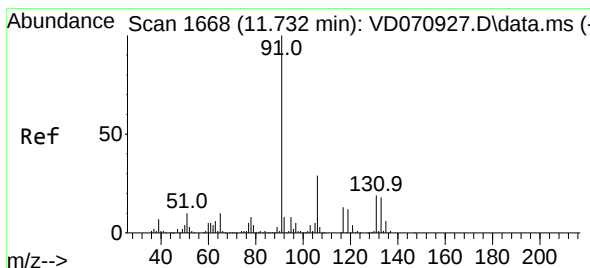
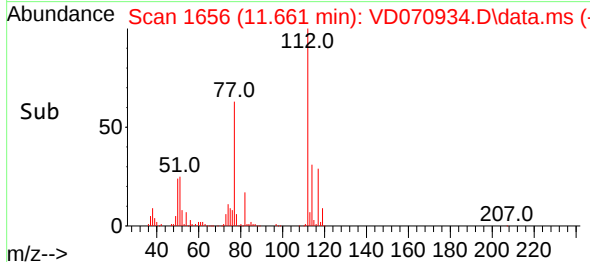
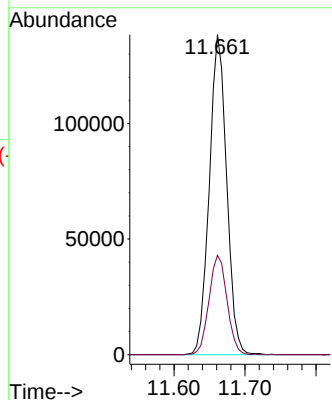
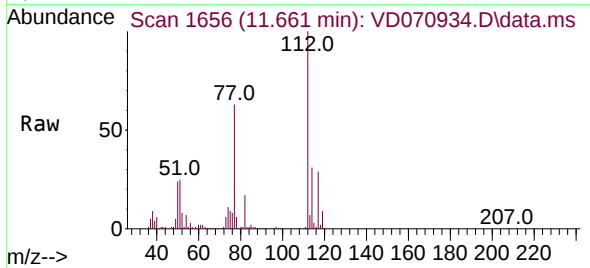




#65  
Chlorobenzene  
Concen: 17.006 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

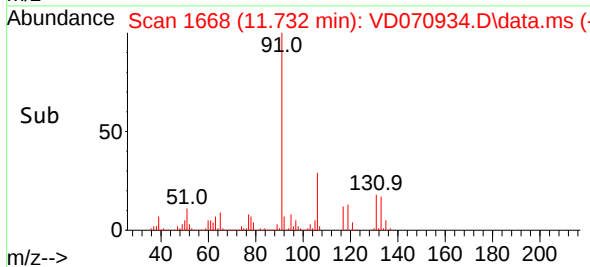
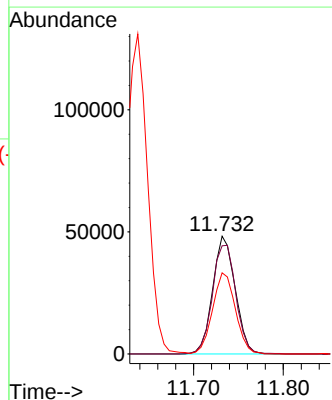
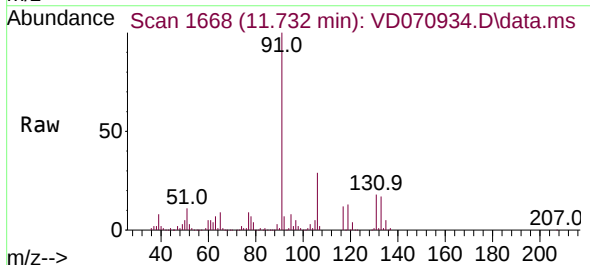
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

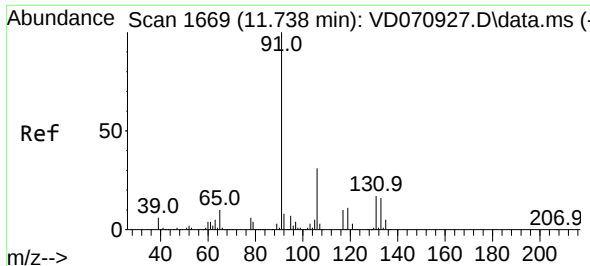
Tgt Ion:112 Resp: 234603  
Ion Ratio Lower Upper  
112 100  
114 31.1 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 16.586 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion:131 Resp: 83861  
Ion Ratio Lower Upper  
131 100  
133 97.0 48.0 144.0  
119 70.0 33.5 100.4

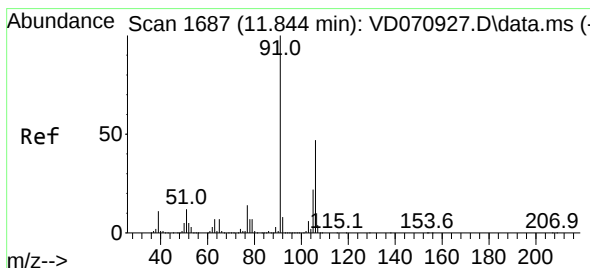
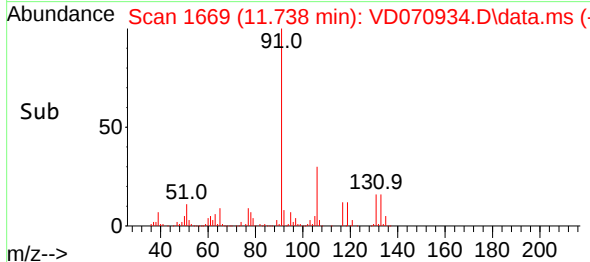
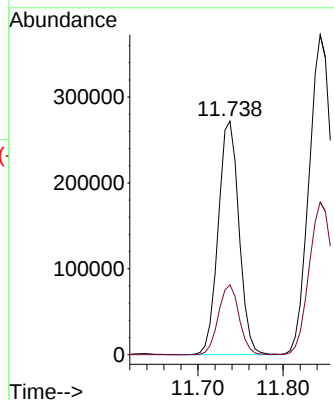
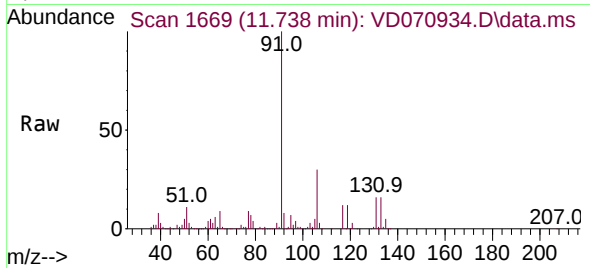




#67  
Ethyl Benzene  
Concen: 17.310 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

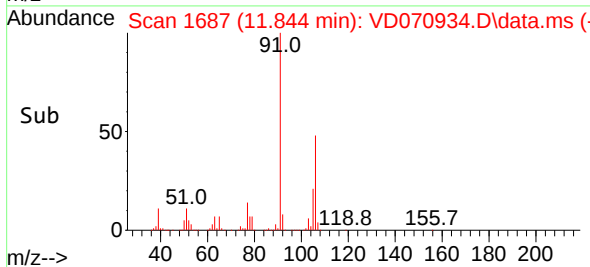
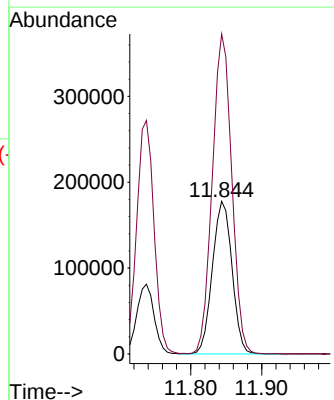
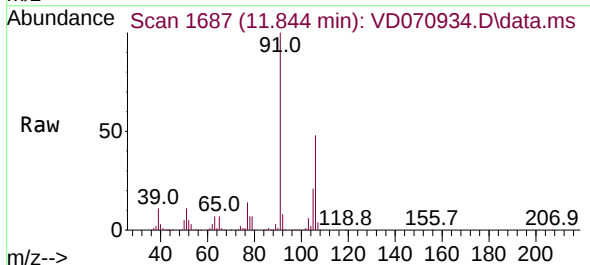
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

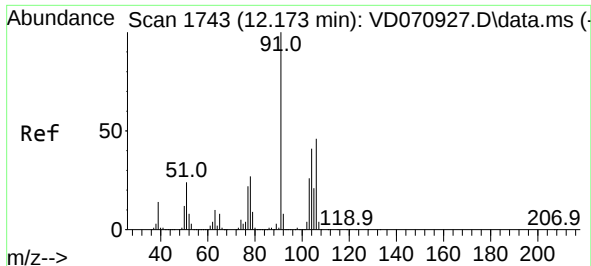
Tgt Ion: 91 Resp: 461384  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.6 36.8



#68  
m/p-Xylenes  
Concen: 34.537 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 106 Resp: 340499  
Ion Ratio Lower Upper  
106 100  
91 207.6 160.1 240.1

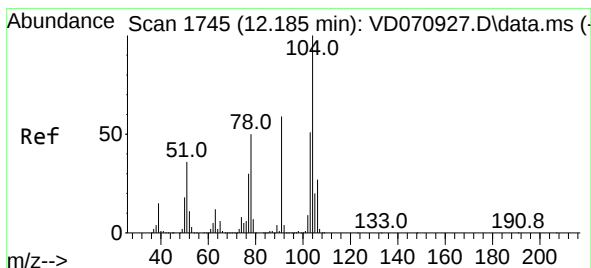
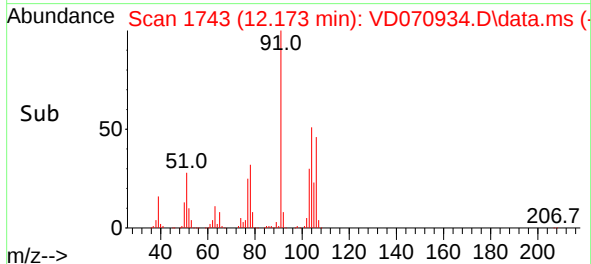
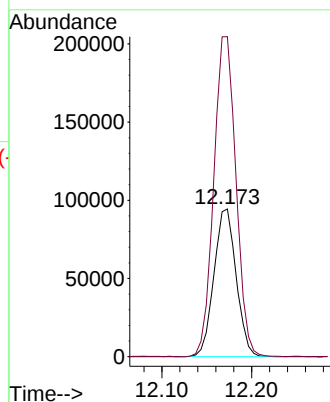
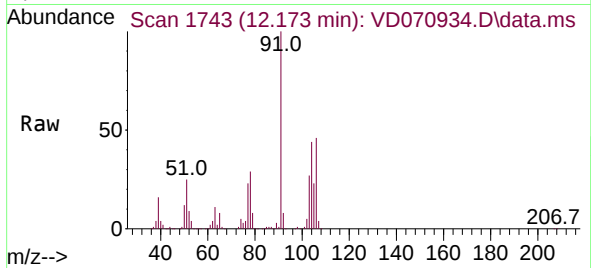




#69  
o-Xylene  
Concen: 17.209 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

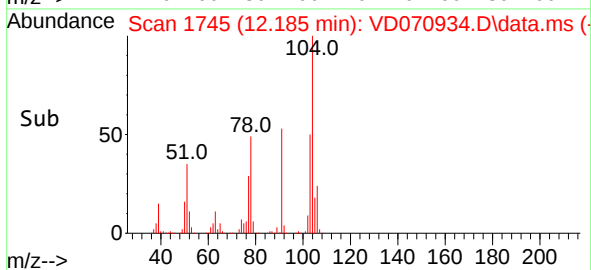
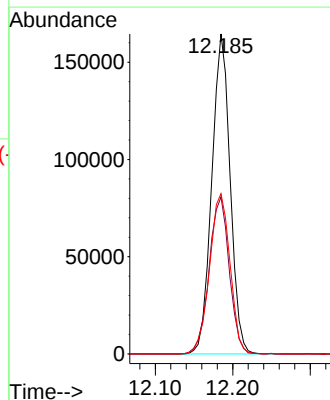
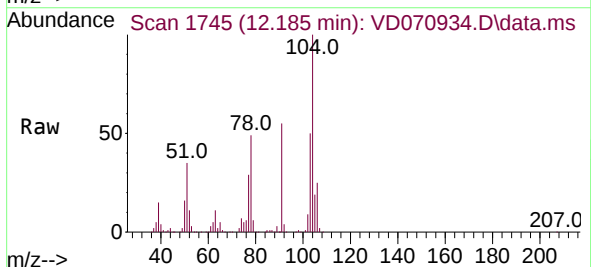
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

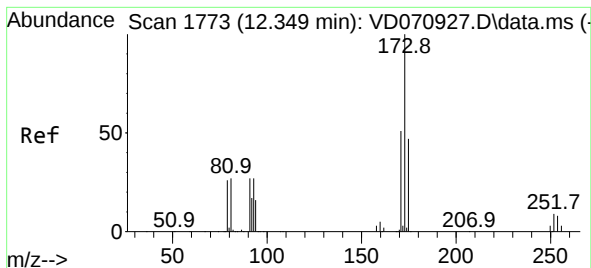
Tgt Ion:106 Resp: 162490  
Ion Ratio Lower Upper  
106 100  
91 216.6 106.3 319.0



#70  
Styrene  
Concen: 17.382 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion:104 Resp: 271307  
Ion Ratio Lower Upper  
104 100  
78 53.9 39.4 59.0  
103 55.7 43.4 65.0





#71

Bromoform

Concen: 17.136 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

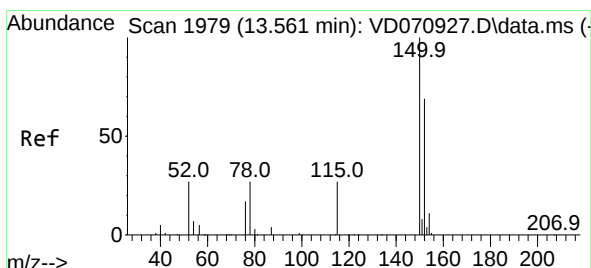
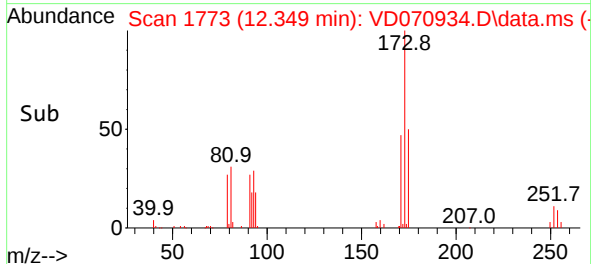
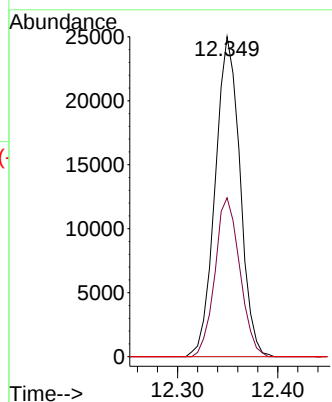
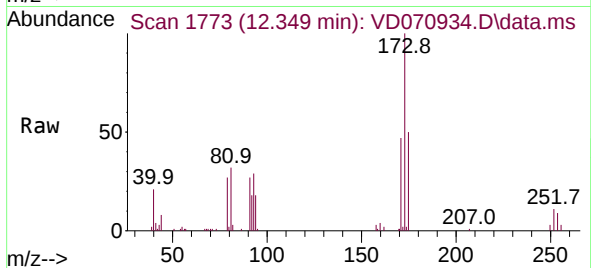
Tgt Ion:173 Resp: 42925

Ion Ratio Lower Upper

173 100

175 49.8 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: VD070934.D

Acq: 08 Nov 2021 14:30

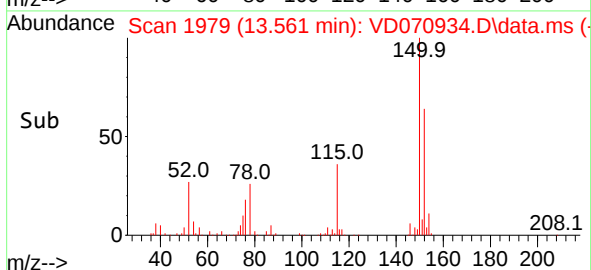
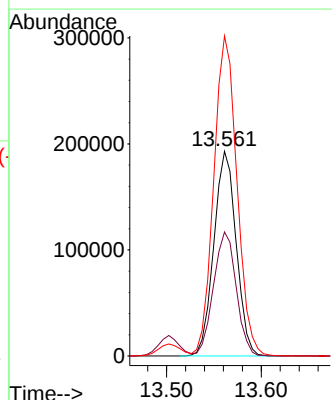
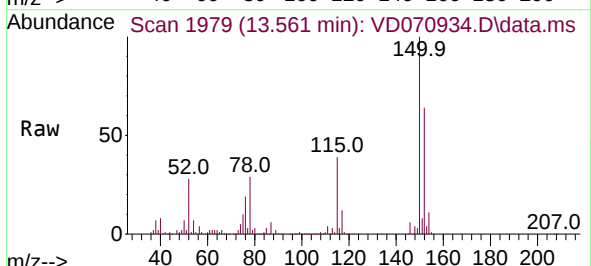
Tgt Ion:152 Resp: 316085

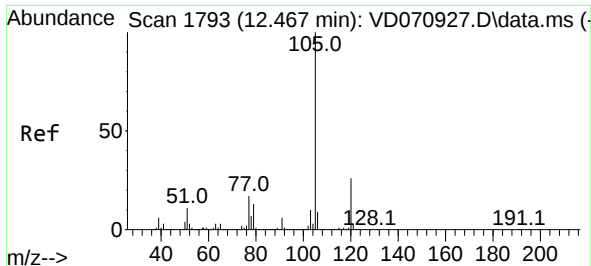
Ion Ratio Lower Upper

152 100

115 61.9 29.8 89.3

150 162.6 0.0 349.2

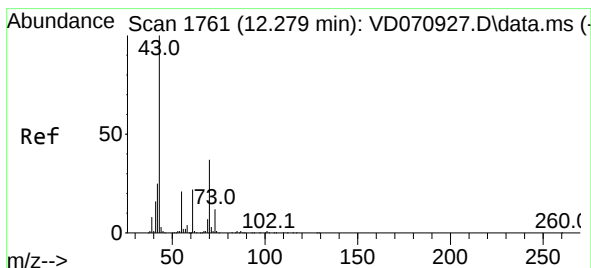
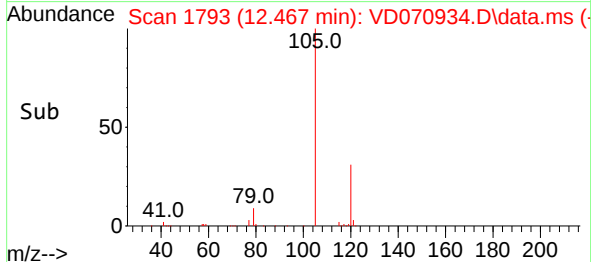
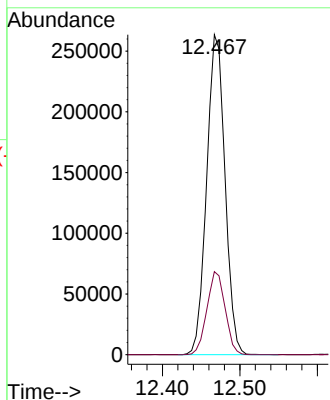
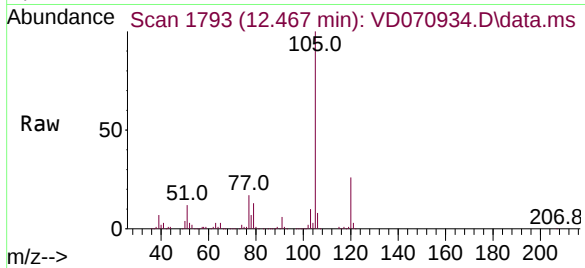




#73  
Isopropylbenzene  
Concen: 16.721 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

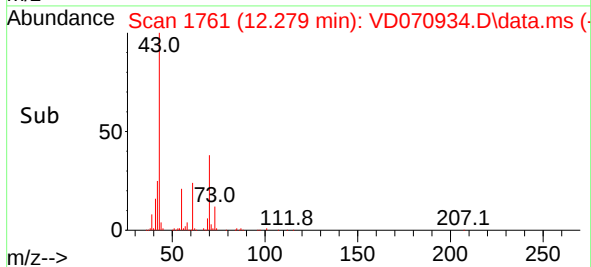
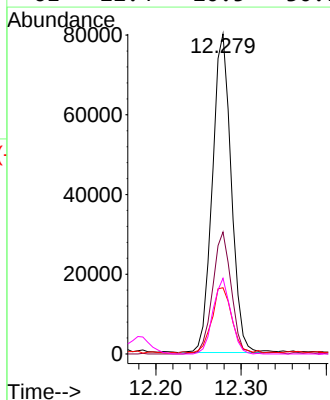
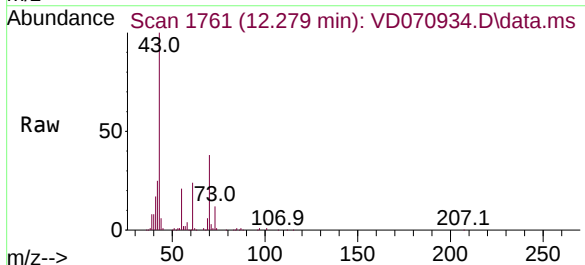
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

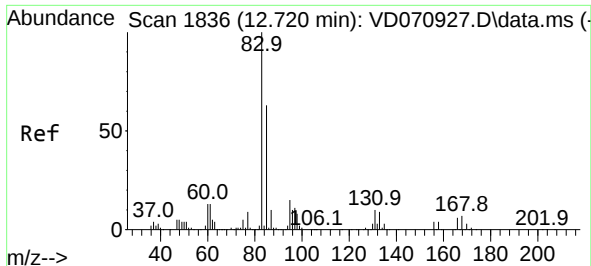
Tgt Ion:105 Resp: 434005  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.2 39.5



#74  
N-ethyl acetate  
Concen: 18.056 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 43 Resp: 122958  
Ion Ratio Lower Upper  
43 100  
70 37.6 36.6 55.0  
55 22.3 22.5 33.7#  
61 22.4 20.5 30.7

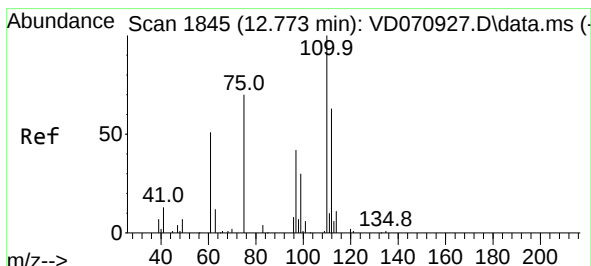
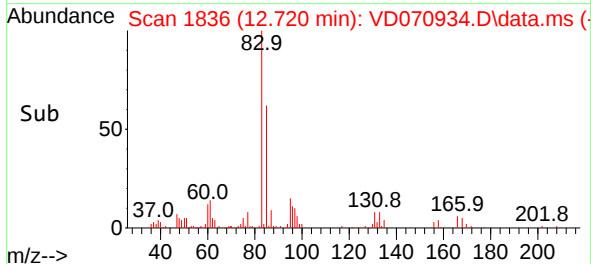
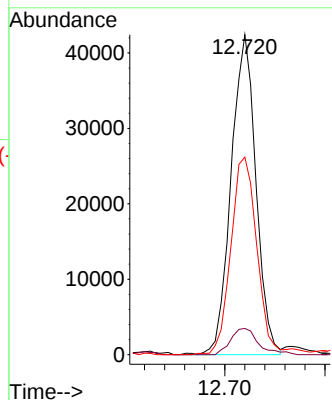
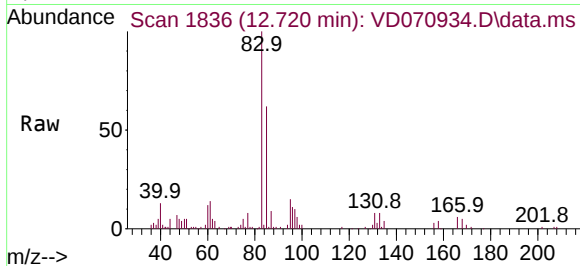




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.417 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

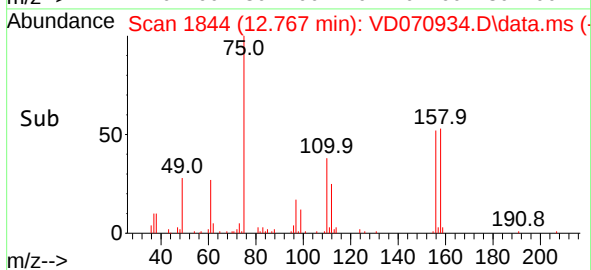
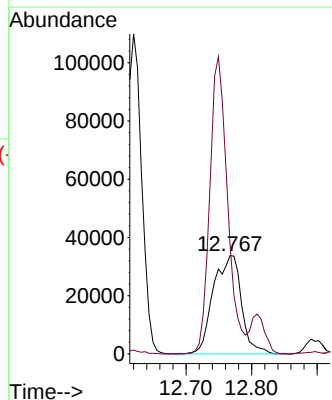
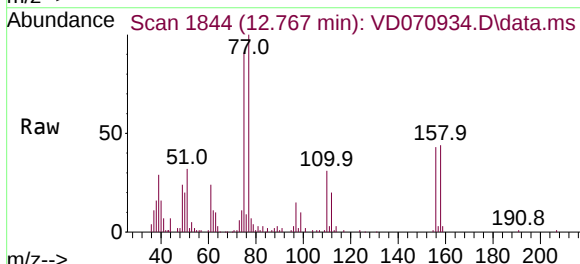
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

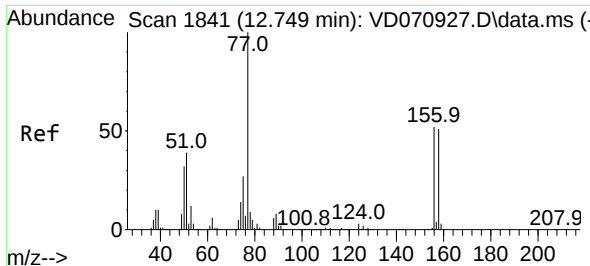
Tgt Ion: 83 Resp: 72954  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 4.9 14.7  
 85 64.5 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 31.563 ug/l  
 RT: 12.767 min Scan# 1844  
 Delta R.T. -0.006 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

Tgt Ion: 75 Resp: 100520  
 Ion Ratio Lower Upper  
 75 100  
 77 192.2 158.4 475.3

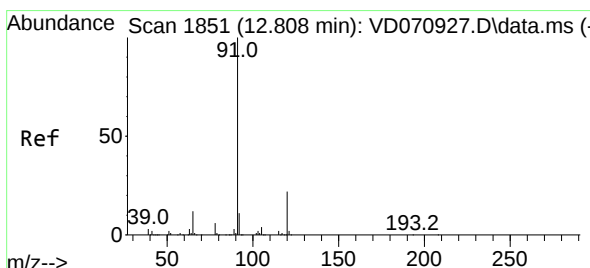
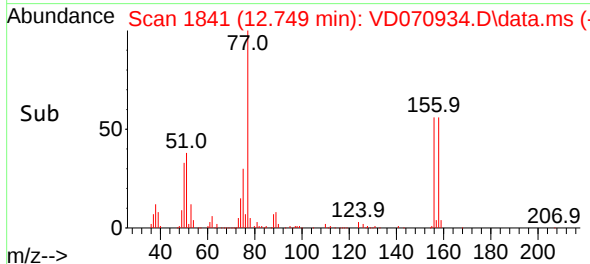
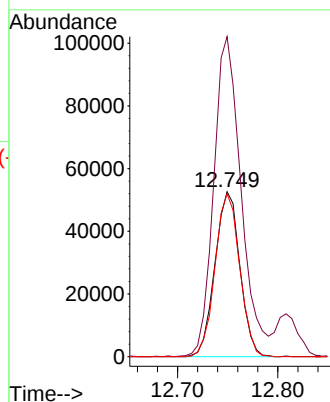
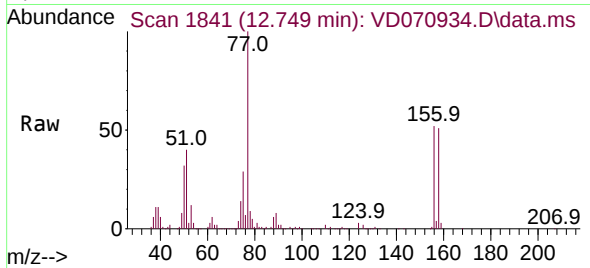




#77  
Bromobenzene  
Concen: 16.934 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

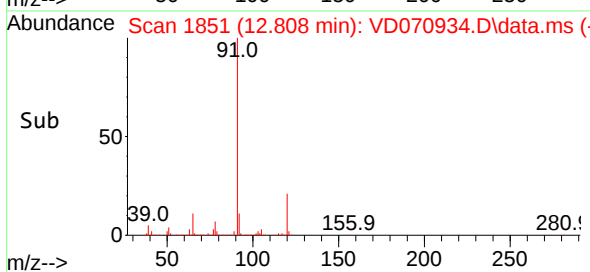
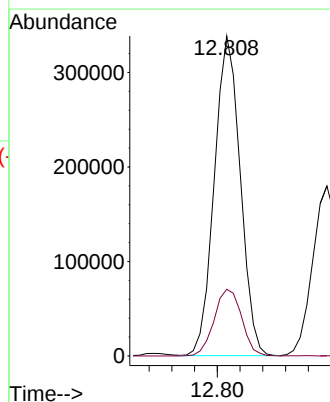
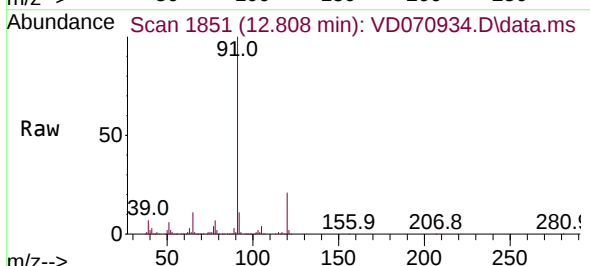
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

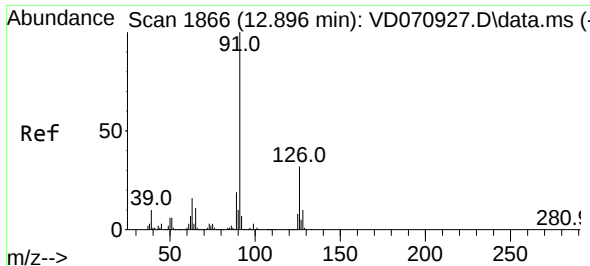
Tgt Ion:156 Resp: 90698  
Ion Ratio Lower Upper  
156 100  
77 213.1 96.6 289.8  
158 97.5 49.1 147.4



#78  
n-propylbenzene  
Concen: 16.926 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 91 Resp: 536585  
Ion Ratio Lower Upper  
91 100  
120 22.1 10.9 32.9

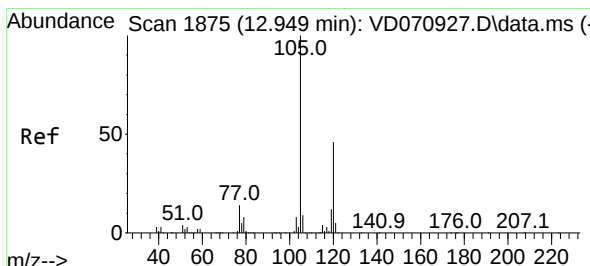
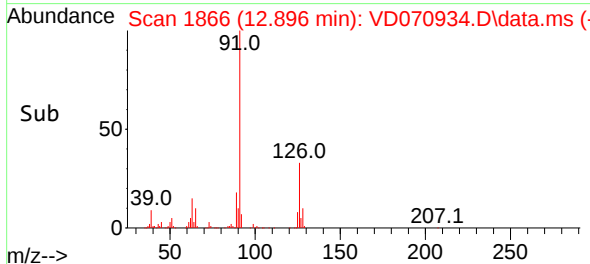
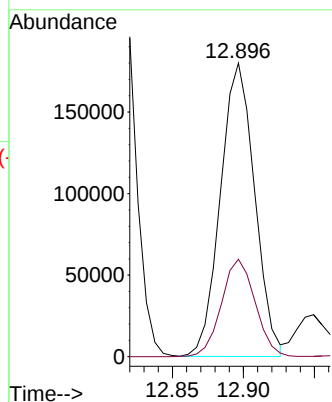
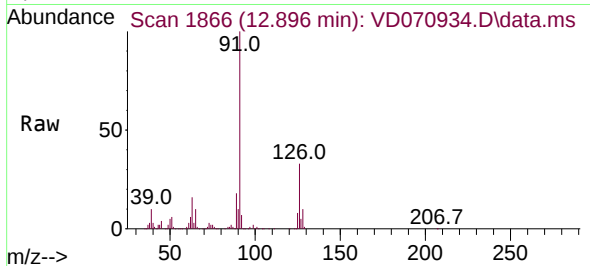




#79  
2-Chlorotoluene  
Concen: 16.533 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

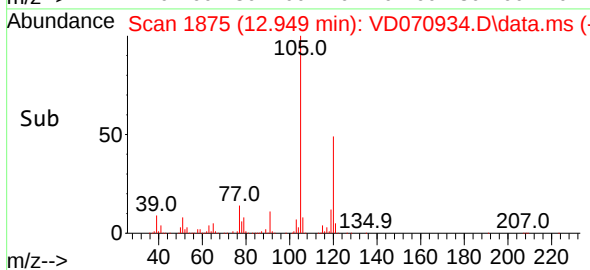
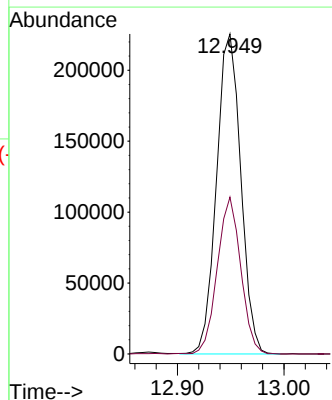
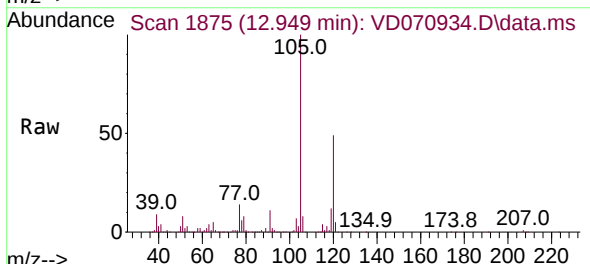
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

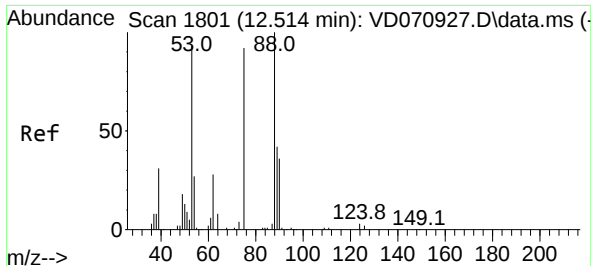
Tgt Ion: 91 Resp: 301027  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 16.562 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 105 Resp: 356645  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.6 73.8

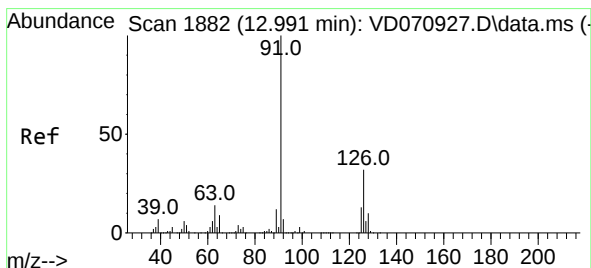
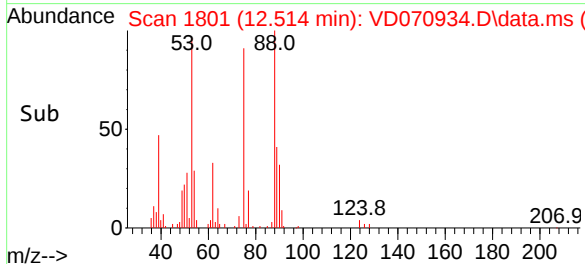
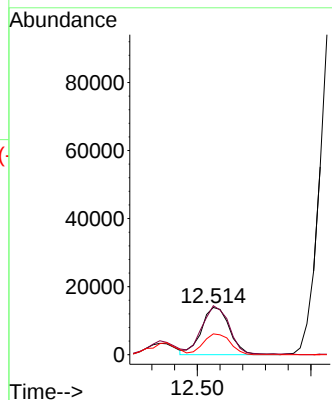
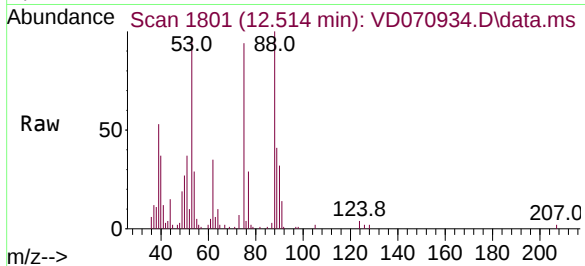




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.765 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

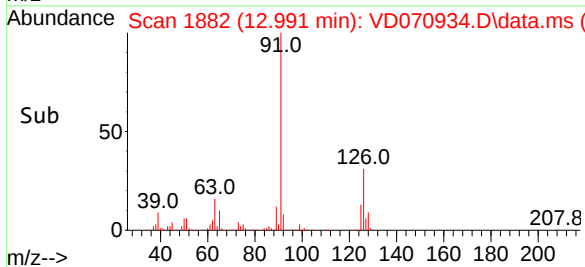
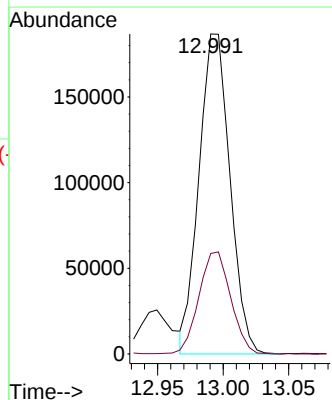
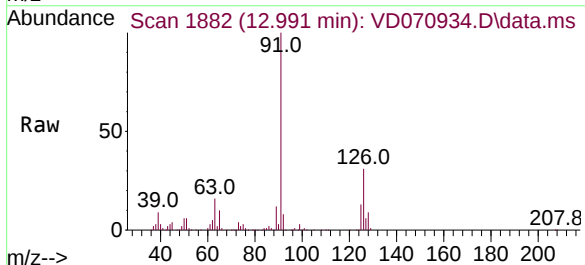
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

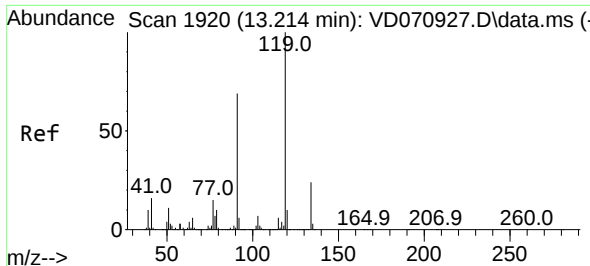
Tgt Ion: 75 Resp: 23845  
Ion Ratio Lower Upper  
75 100  
53 97.3 62.6 94.0#  
89 42.1 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 16.315 ug/l  
RT: 12.991 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 91 Resp: 306967  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.4 49.1

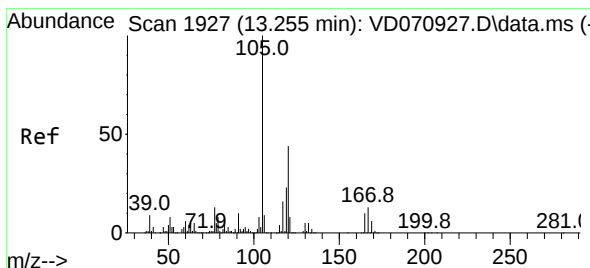
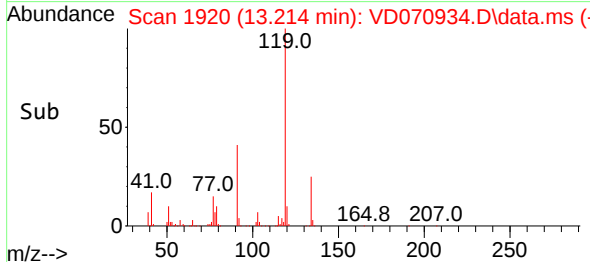
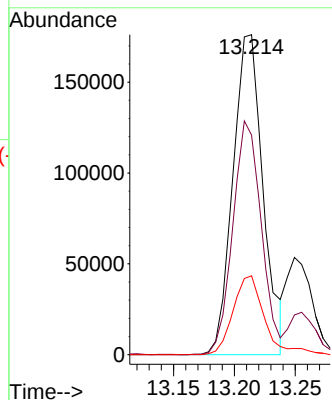
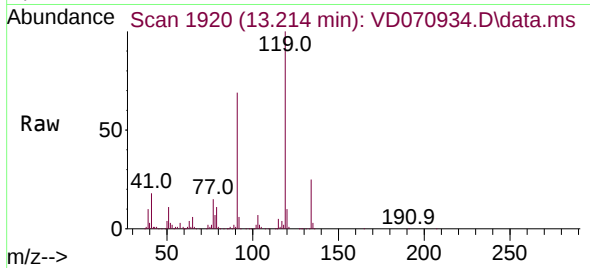




#83  
 tert-Butylbenzene  
 Concen: 16.332 ug/l  
 RT: 13.214 min Scan# 1920  
 Delta R.T. 0.000 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

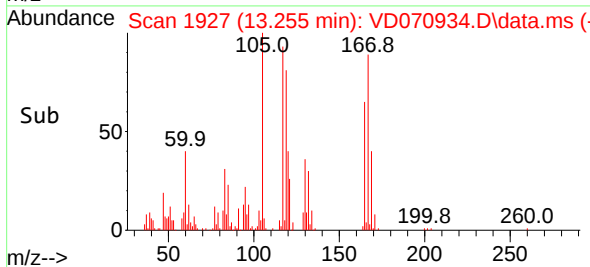
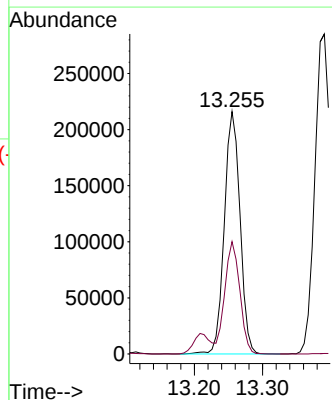
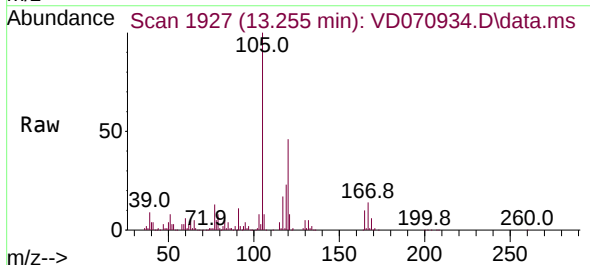
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

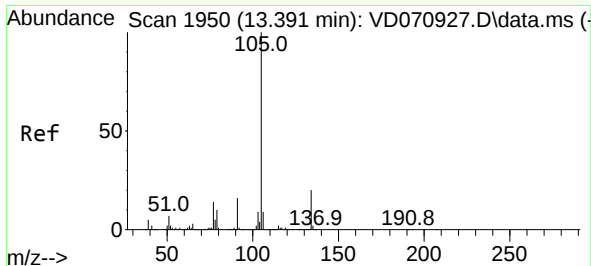
Tgt Ion:119 Resp: 302979  
 Ion Ratio Lower Upper  
 119 100  
 91 69.2 32.5 97.5  
 134 25.7 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 16.546 ug/l  
 RT: 13.255 min Scan# 1927  
 Delta R.T. 0.000 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

Tgt Ion:105 Resp: 346464  
 Ion Ratio Lower Upper  
 105 100  
 120 44.1 22.9 68.7

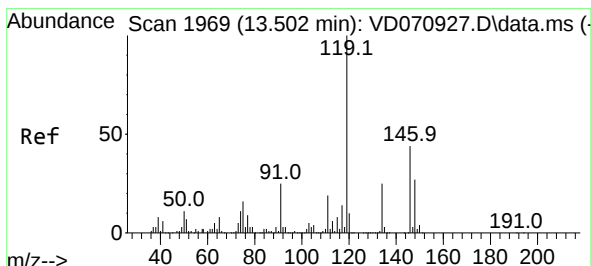
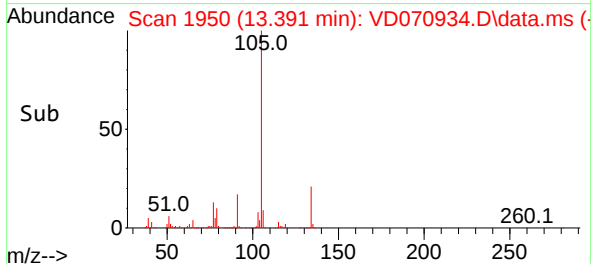
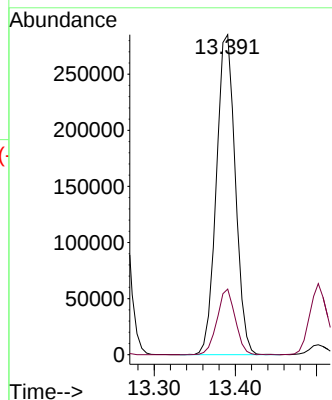
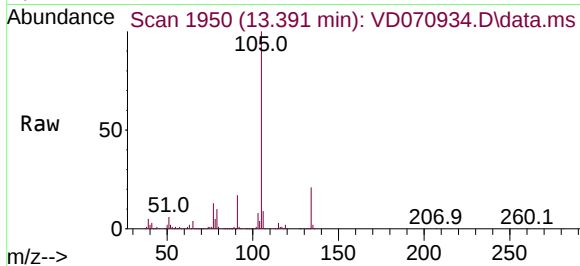




#85  
 sec-Butylbenzene  
 Concen: 16.798 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

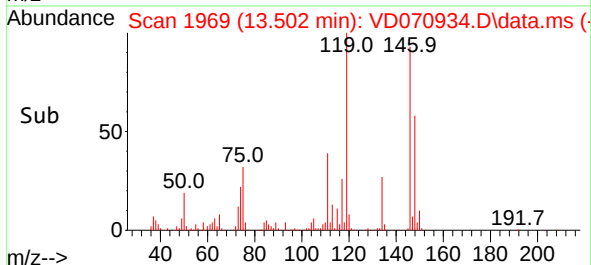
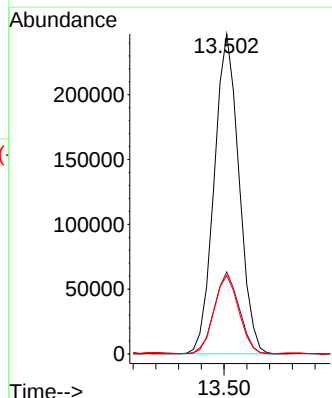
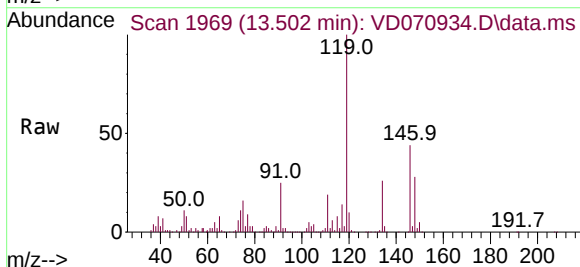
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

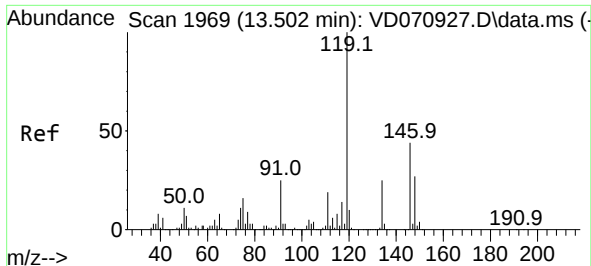
Tgt Ion:105 Resp: 462530  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 16.604 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070934.D  
 Acq: 08 Nov 2021 14:30

Tgt Ion:119 Resp: 374132  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.0 38.9  
 91 24.4 11.4 34.2

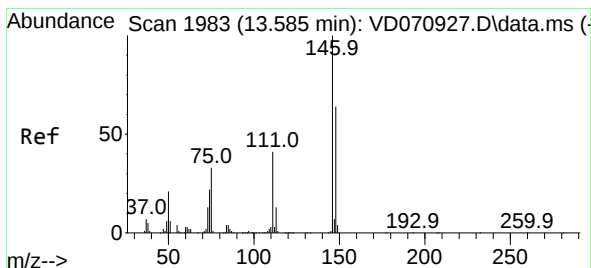
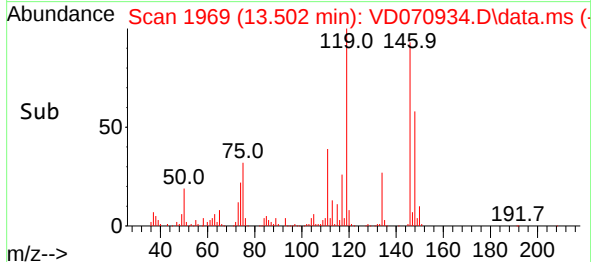
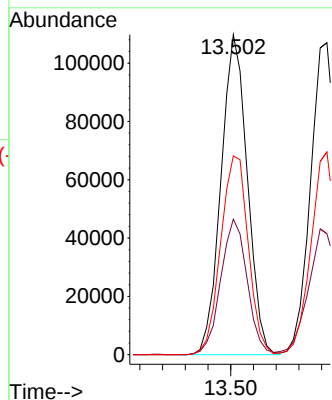
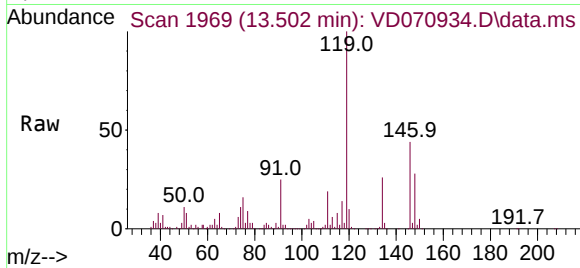




#87  
1,3-Dichlorobenzene  
Concen: 16.898 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

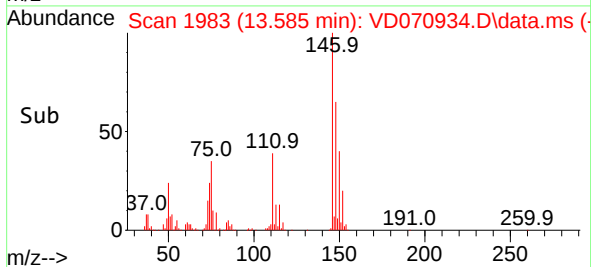
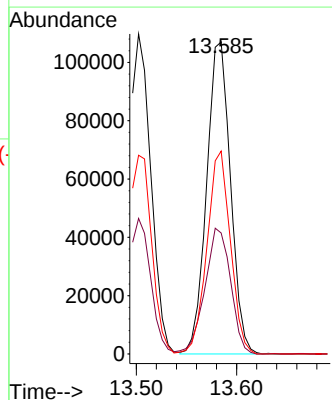
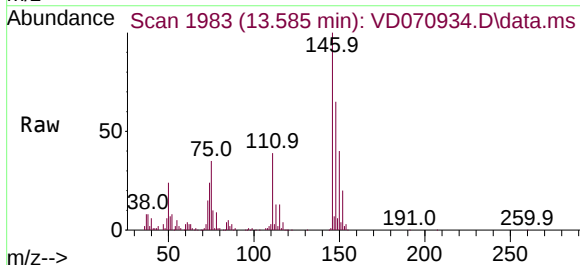
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

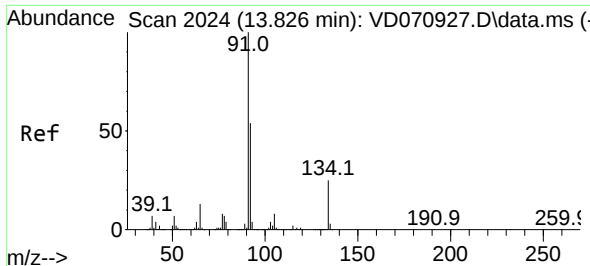
Tgt Ion:146 Resp: 176919  
Ion Ratio Lower Upper  
146 100  
111 42.5 19.8 59.4  
148 64.9 32.1 96.3



#88  
1,4-Dichlorobenzene  
Concen: 17.110 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion:146 Resp: 177451  
Ion Ratio Lower Upper  
146 100  
111 43.4 19.6 58.8  
148 63.8 31.5 94.5

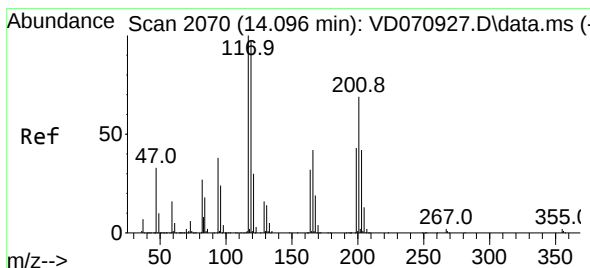
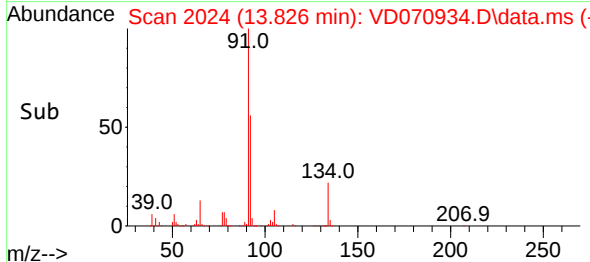
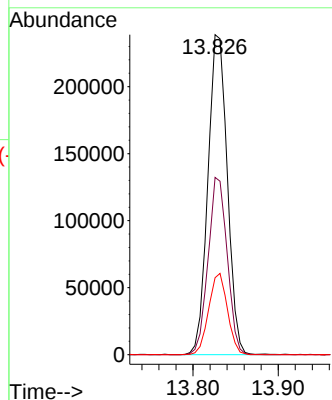
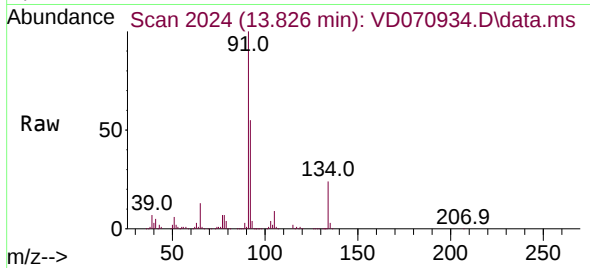




#89  
n-Butylbenzene  
Concen: 16.965 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

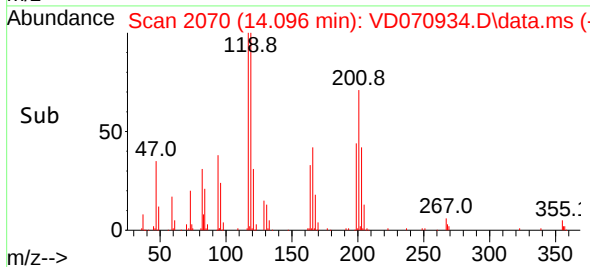
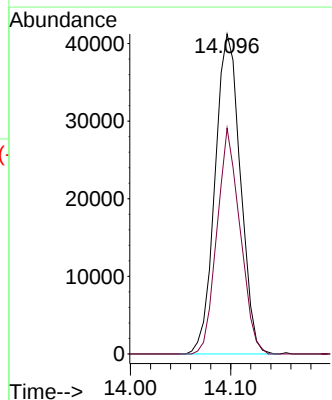
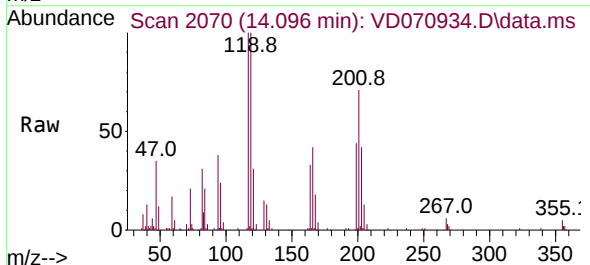
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

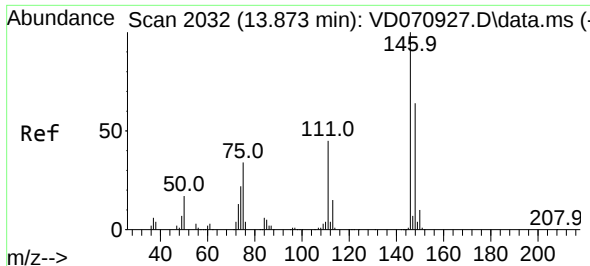
Tgt Ion: 91 Resp: 377476  
Ion Ratio Lower Upper  
91 100  
92 54.6 27.3 81.9  
134 24.6 12.3 36.9



#90  
Hexachloroethane  
Concen: 16.327 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 117 Resp: 72328  
Ion Ratio Lower Upper  
117 100  
201 64.3 36.0 108.1

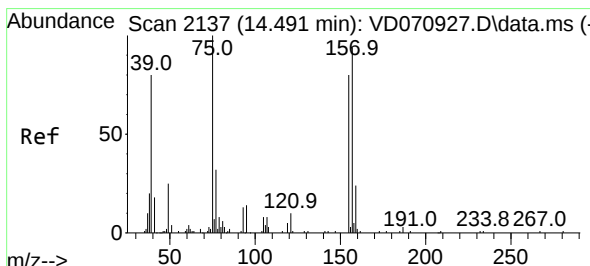
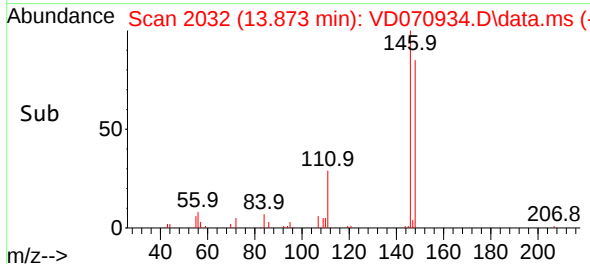
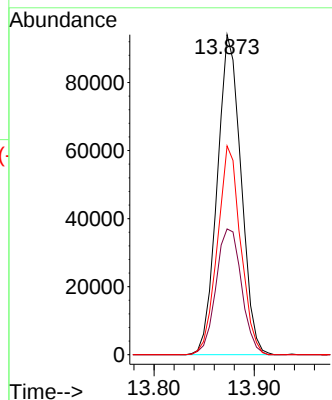
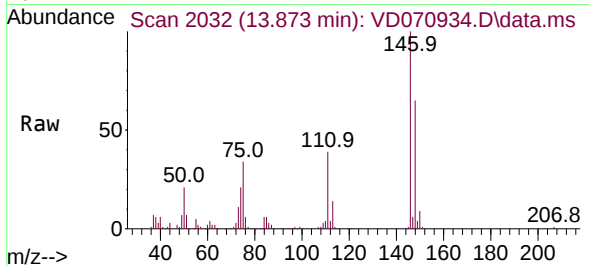




#91  
1,2-Dichlorobenzene  
Concen: 17.208 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

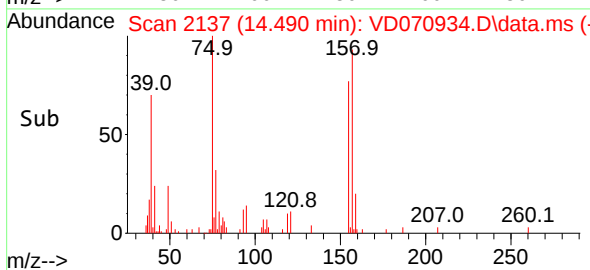
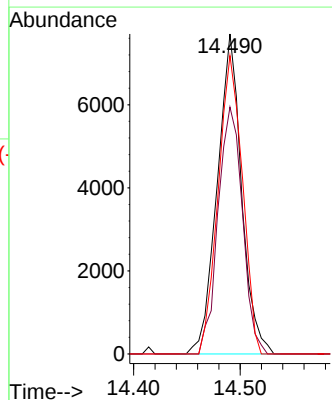
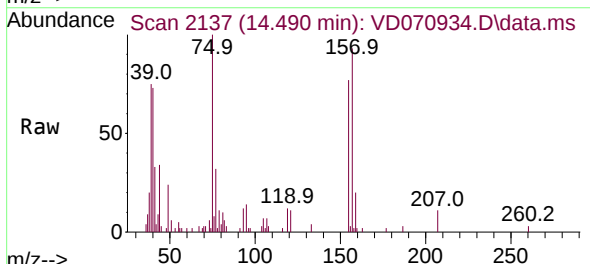
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

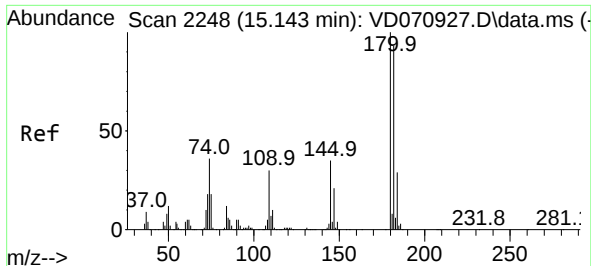
Tgt Ion:146 Resp: 154845  
Ion Ratio Lower Upper  
146 100  
111 42.2 20.8 62.2  
148 63.7 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.611 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. -0.001 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion: 75 Resp: 12202  
Ion Ratio Lower Upper  
75 100  
155 77.3 40.0 120.0  
157 92.5 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 17.107 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

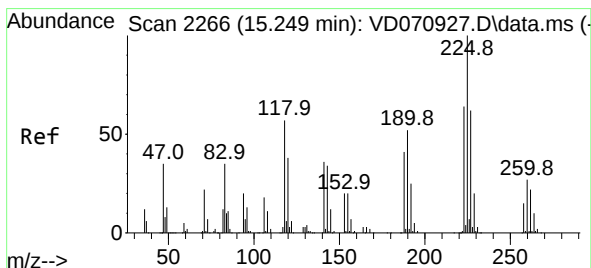
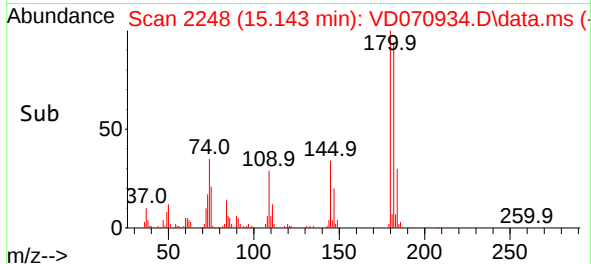
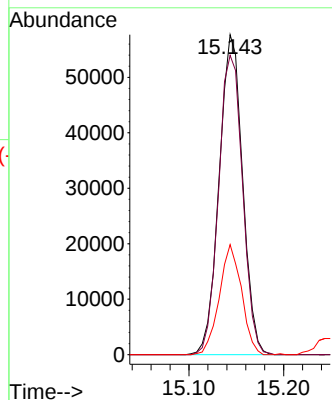
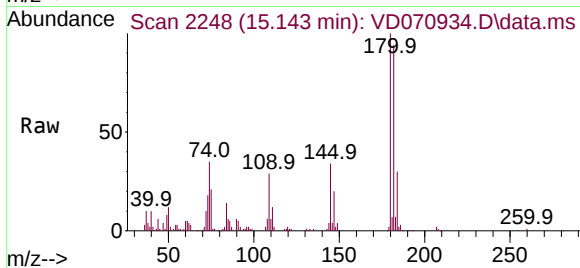
Tgt Ion:180 Resp: 99232

Ion Ratio Lower Upper

180 100

182 95.8 48.2 144.6

145 32.6 15.4 46.2



#94

Hexachlorobutadiene

Concen: 16.402 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD070934.D

Acq: 08 Nov 2021 14:30

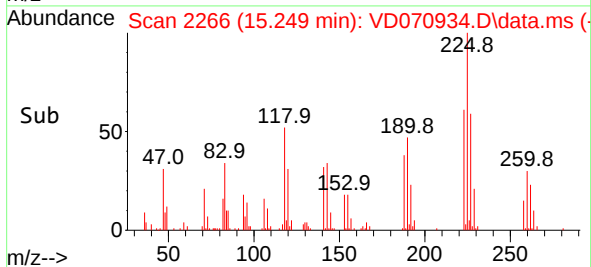
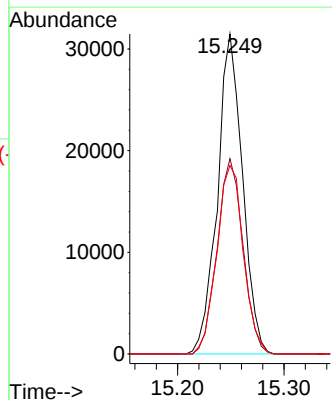
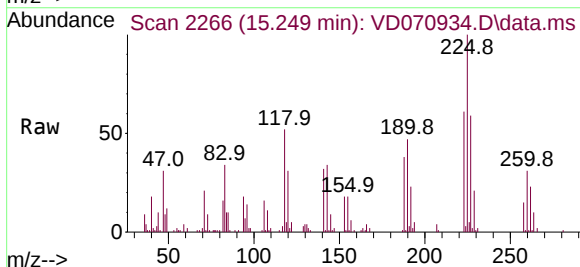
Tgt Ion:225 Resp: 51492

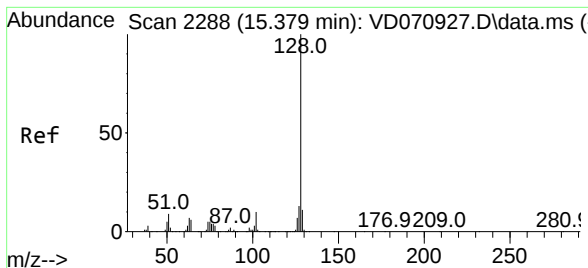
Ion Ratio Lower Upper

225 100

223 62.9 31.8 95.3

227 62.5 31.6 94.8

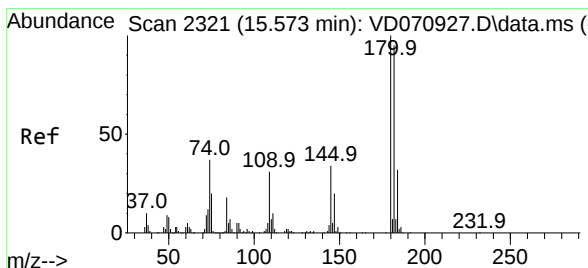
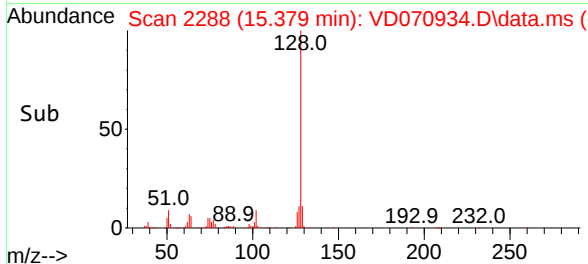
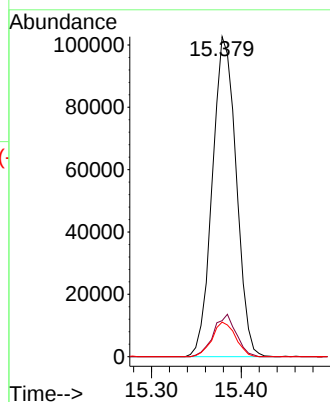
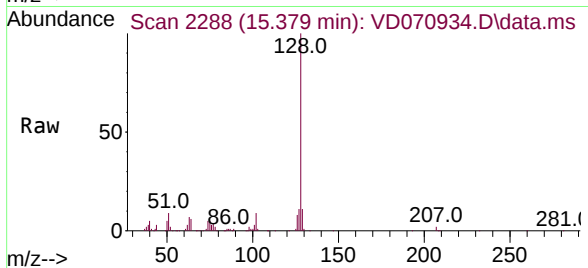




#95  
Naphthalene  
Concen: 17.593 ug/l  
RT: 15.379 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Tgt Ion:128 Resp: 189474  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.7 16.1  
129 10.6 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.397 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: VD070934.D  
Acq: 08 Nov 2021 14:30

Tgt Ion:180 Resp: 84694  
Ion Ratio Lower Upper  
180 100  
182 95.0 46.7 140.1  
145 34.4 15.9 47.6

