

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102621\  
 Data File : VD070831.D  
 Acq On : 26 Oct 2021 10:02  
 Operator : VA/SY  
 Sample : VSTDIC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 27 05:26:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 27 05:19:17 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 377774   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 630101   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 603609   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 291385   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.320  | 65    | 21600    | 5.685    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 11.380%# |
| 35) Dibromofluoromethane     | 7.908  | 113   | 22185    | 5.340    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 10.680%# |
| 50) Toluene-d8               | 10.332 | 98    | 74825    | 4.787    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 9.580%#  |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 24666    | 4.783    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 9.560%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 22374    | 6.386    | ug/l   | 95       |
| 3) Chloromethane             | 2.209  | 50    | 28270    | 5.701    | ug/l   | 93       |
| 4) Vinyl Chloride            | 2.350  | 62    | 31680    | 5.775    | ug/l   | 100      |
| 5) Bromomethane              | 2.768  | 94    | 25599    | 6.519    | ug/l   | 96       |
| 6) Chloroethane              | 2.915  | 64    | 20063    | 5.920    | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.268  | 101   | 41733    | 6.177    | ug/l   | 97       |
| 8) Diethyl Ether             | 3.703  | 74    | 9093     | 4.858    | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 4.085  | 101   | 27671    | 6.355    | ug/l   | 92       |
| 10) Methyl Iodide            | 4.297  | 142   | 12299    | 3.183    | ug/l   | 92       |
| 11) Tert butyl alcohol       | 5.209  | 59    | 4057     | 20.091   | ug/l # | 71       |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 20321    | 5.331    | ug/l   | 88       |
| 13) Acrolein                 | 3.915  | 56    | 4359     | 24.072   | ug/l # | 82       |
| 14) Allyl chloride           | 4.709  | 41    | 26504    | 4.439    | ug/l   | 92       |
| 15) Acrylonitrile            | 5.414  | 53    | 21917    | 24.444   | ug/l   | 96       |
| 16) Acetone                  | 4.162  | 43    | 23809    | 26.935   | ug/l # | 84       |
| 17) Carbon Disulfide         | 4.409  | 76    | 75588    | 5.609    | ug/l   | 100      |
| 18) Methyl Acetate           | 4.714  | 43    | 17754    | 5.859    | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 36704    | 4.629    | ug/l   | 100      |
| 20) Methylene Chloride       | 4.956  | 84    | 51660    | 8.456    | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.467  | 96    | 23432    | 5.188    | ug/l # | 77       |
| 22) Diisopropyl ether        | 6.350  | 45    | 52539    | 4.243    | ug/l # | 83       |
| 23) Vinyl Acetate            | 6.303  | 43    | 113288   | 20.131   | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.250  | 63    | 46190    | 5.534    | ug/l # | 94       |
| 25) 2-Butanone               | 7.203  | 43    | 25653    | 23.578   | ug/l # | 86       |
| 26) 2,2-Dichloropropane      | 7.197  | 77    | 37793    | 5.676    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 23885    | 4.934    | ug/l   | 98       |
| 28) Bromochloromethane       | 7.538  | 49    | 16648    | 5.087    | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.550  | 42    | 14878    | 22.635   | ug/l   | 99       |
| 30) Chloroform               | 7.703  | 83    | 48153    | 5.748    | ug/l   | 97       |
| 31) Cyclohexane              | 7.973  | 56    | 42311    | 5.465    | ug/l # | 75       |
| 32) 1,1,1-Trichloroethane    | 7.897  | 97    | 40123    | 5.608    | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 33486    | 5.079    | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.285  | 43    | 11591    | 4.729    | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 8.085  | 117   | 36850    | 5.559    | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.350  | 83    | 35826    | 4.723    | ug/l   | 95       |
| 40) Benzene                  | 8.344  | 78    | 98832    | 5.156    | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102621\  
 Data File : VD070831.D  
 Acq On : 26 Oct 2021 10:02  
 Operator : VA/SY  
 Sample : VSTDIC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 27 05:26:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 27 05:19:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 5471     | 4.219  | ug/l # | 82       |
| 42) 1,2-Dichloroethane        | 8.414  | 62   | 27464    | 5.628  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 21743    | 4.772  | ug/l # | 56       |
| 44) Trichloroethene           | 9.108  | 130  | 27454    | 5.544  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 26230    | 5.162  | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 13670    | 5.487  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.655  | 83   | 35774    | 5.555  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.450  | 41   | 9353     | 4.296  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.444  | 88   | 1390     | 52.276 | ug/l # | 25       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 53352    | 22.330 | ug/l   | 96       |
| 52) Toluene                   | 10.397 | 92   | 51468    | 4.468  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 26159    | 4.660  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 34385    | 4.962  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 18967    | 5.368  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 15752    | 4.059  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 29202    | 4.905  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 39881    | 23.742 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.979 | 43   | 35838    | 21.012 | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.132 | 129  | 22982    | 5.421  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 17109    | 5.246  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.873 | 164  | 22758    | 5.495  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.661 | 112  | 63247    | 5.107  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 23869    | 5.196  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.738 | 91   | 98964    | 4.589  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.844 | 106  | 72720    | 8.660  | ug/l   | 98       |
| 69) o-Xylene                  | 12.167 | 106  | 32943    | 4.332  | ug/l   | 98       |
| 70) Styrene                   | 12.191 | 104  | 56480    | 4.288  | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 11985    | 4.937  | ug/l # | 91       |
| 73) Isopropylbenzene          | 12.473 | 105  | 79989    | 4.116  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 18860    | 4.412  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 21797    | 5.496  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 25139    | 8.764  | ug/l   | 30       |
| 77) Bromobenzene              | 12.755 | 156  | 23927    | 5.053  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.808 | 91   | 107445   | 4.307  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 68009    | 4.695  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 68397    | 4.147  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 5356     | 4.901  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.991 | 91   | 69010    | 4.584  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 59084    | 4.296  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 66612    | 4.096  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 96722    | 4.458  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 72891    | 4.176  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 50827    | 5.198  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 52620    | 5.426  | ug/l   | 94       |
| 89) n-Butylbenzene            | 13.832 | 91   | 78425    | 4.586  | ug/l   | 93       |
| 90) Hexachloroethane          | 14.096 | 117  | 22967    | 5.864  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 42567    | 5.101  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 3442     | 5.957  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 24024    | 4.983  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 17450    | 5.493  | ug/l   | 97       |
| 95) Naphthalene               | 15.385 | 128  | 35478    | 4.370  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 19737    | 4.711  | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102621\  
Data File : VD070831.D  
Acq On : 26 Oct 2021 10:02  
Operator : VA/SY  
Sample : VSTDIC005  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

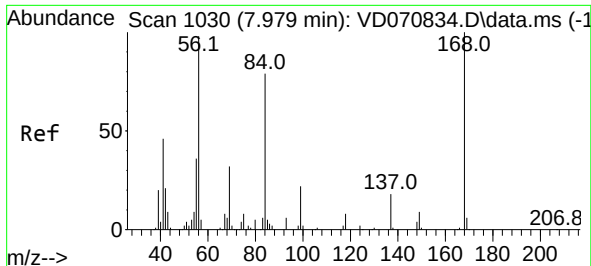
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Oct 27 05:26:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 27 05:19:17 2021  
Response via : Initial Calibration

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

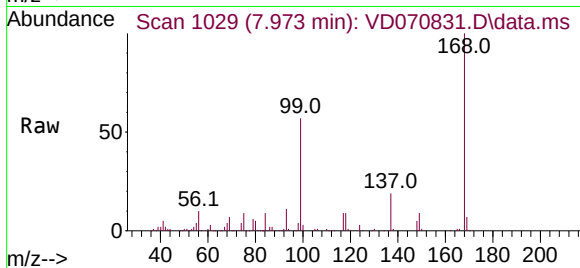
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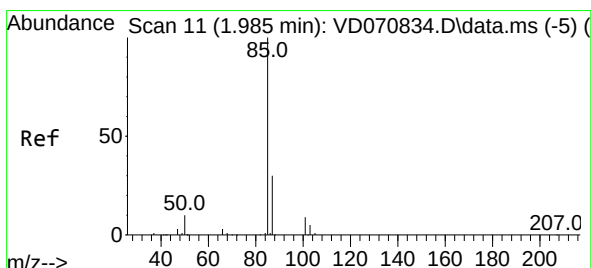
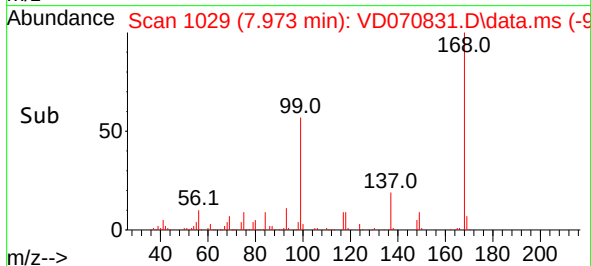
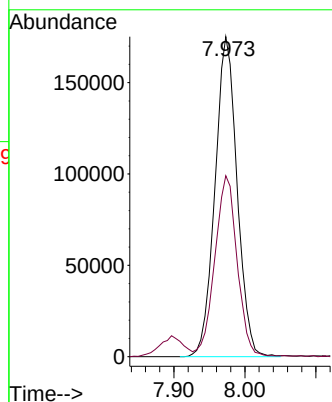


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Instrument :  
MSVOA\_D  
ClientSampleId :

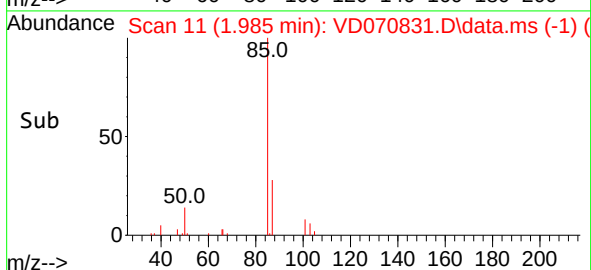
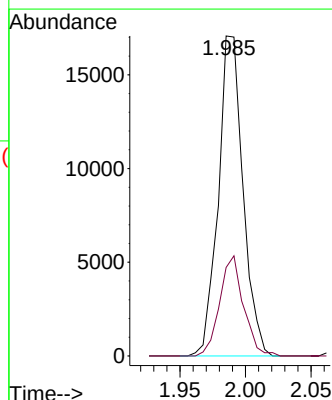
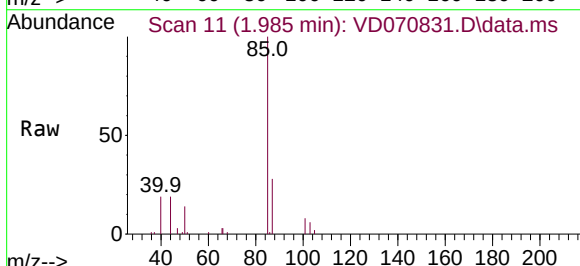


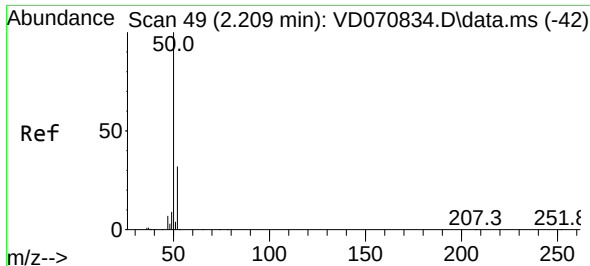
Tgt Ion:168 Resp: 377774  
Ion Ratio Lower Upper  
168 100  
99 56.3 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 6.386 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 85 Resp: 22374  
Ion Ratio Lower Upper  
85 100  
87 27.6 15.2 45.6

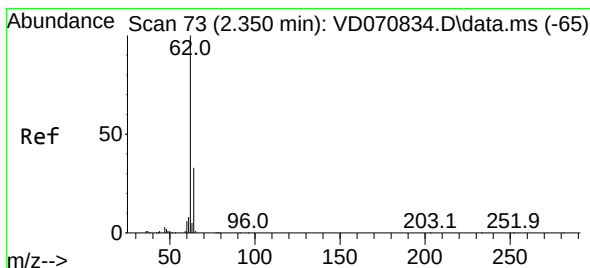
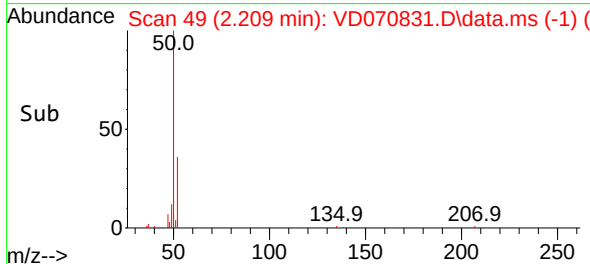
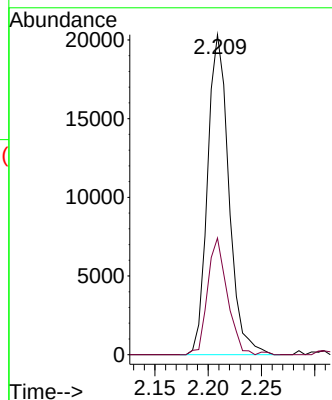
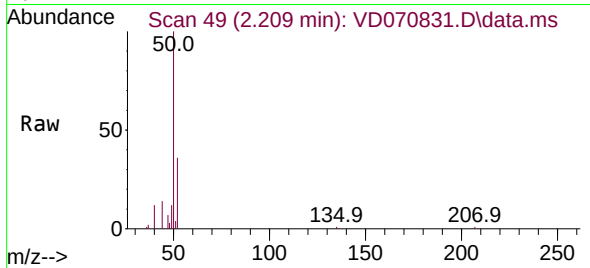




#3  
Chloromethane  
Concen: 5.701 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

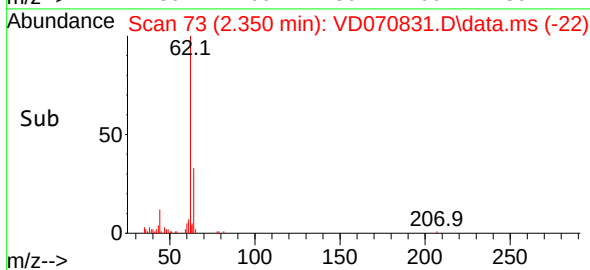
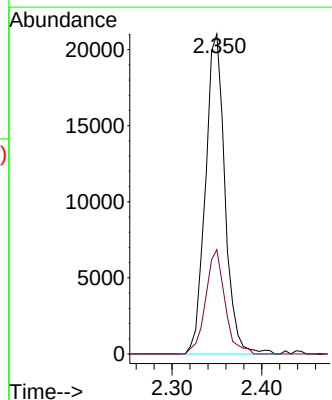
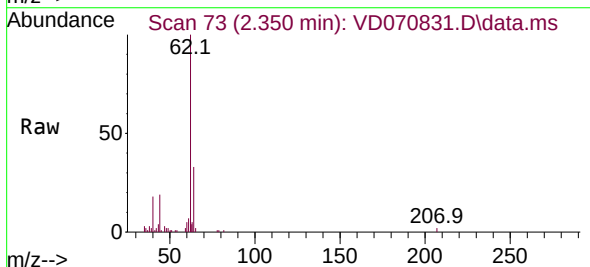
Instrument :  
MSVOA\_D  
ClientSampleId :

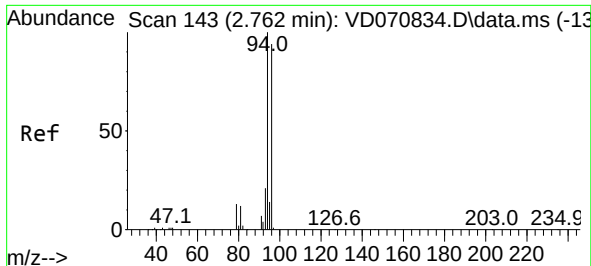
Tgt Ion: 50 Resp: 28270  
Ion Ratio Lower Upper  
50 100  
52 36.4 25.8 38.8



#4  
Vinyl Chloride  
Concen: 5.775 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 62 Resp: 31680  
Ion Ratio Lower Upper  
62 100  
64 32.6 26.0 39.0

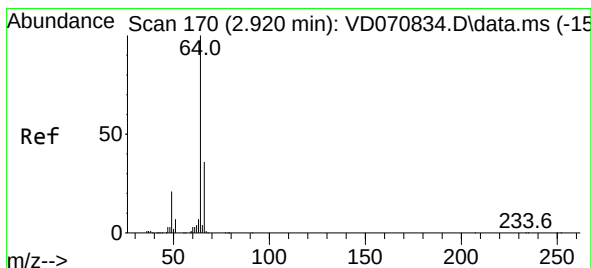
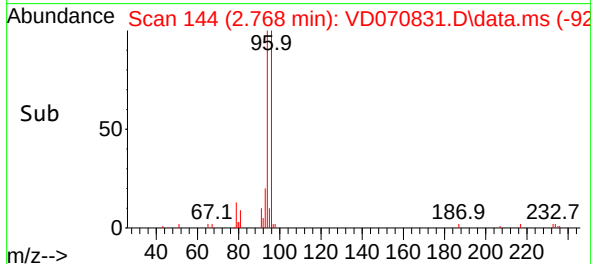
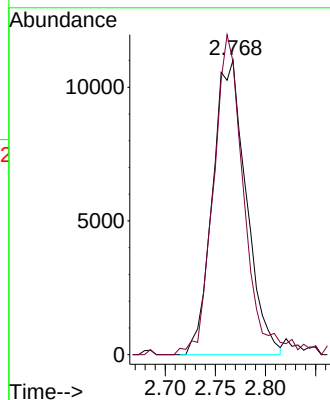
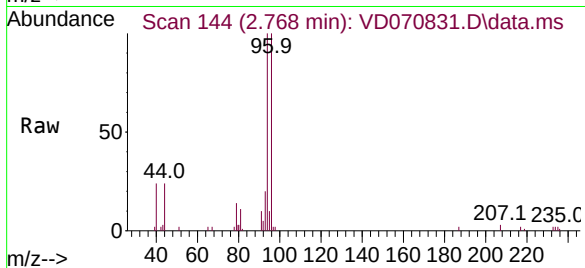




#5  
Bromomethane  
Concen: 6.519 ug/l  
RT: 2.768 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

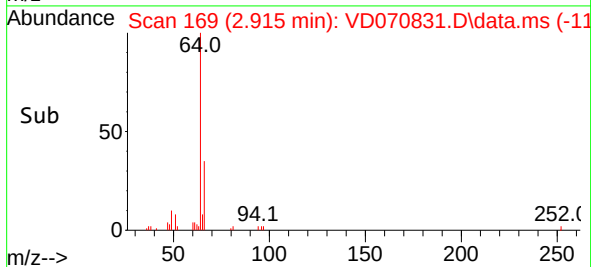
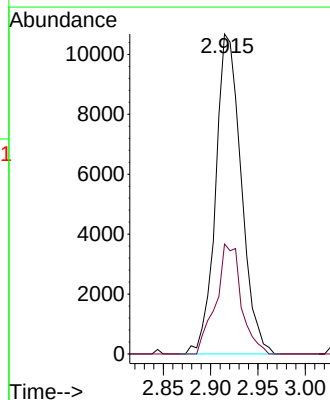
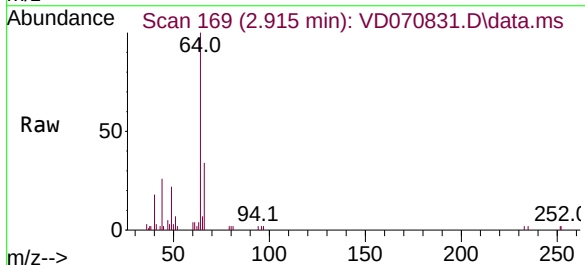
Instrument :  
MSVOA\_D  
ClientSampleId :

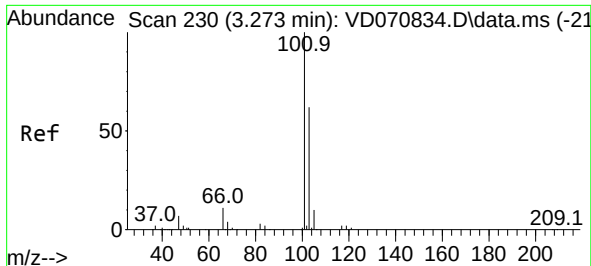
Tgt Ion: 94 Resp: 25599  
Ion Ratio Lower Upper  
94 100  
96 97.3 74.8 112.2



#6  
Chloroethane  
Concen: 5.920 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 64 Resp: 20063  
Ion Ratio Lower Upper  
64 100  
66 34.4 29.0 43.4

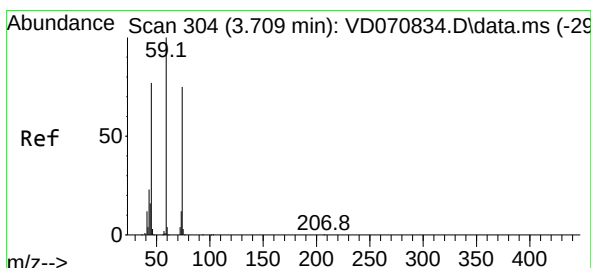
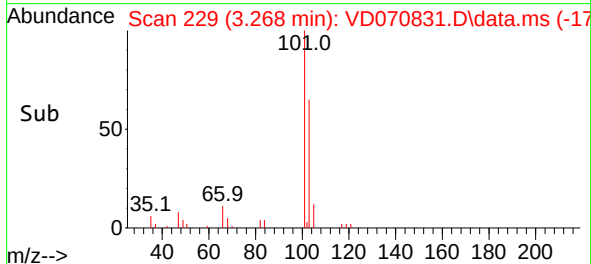
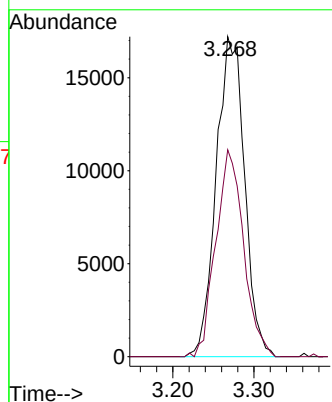
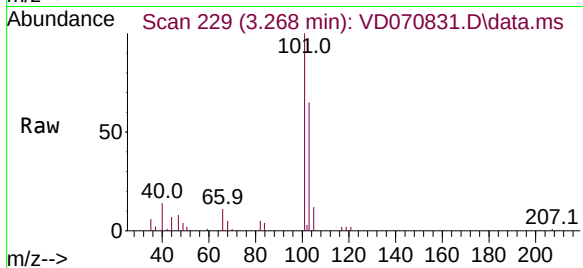




#7  
 Trichlorofluoromethane  
 Concen: 6.177 ug/l  
 RT: 3.268 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

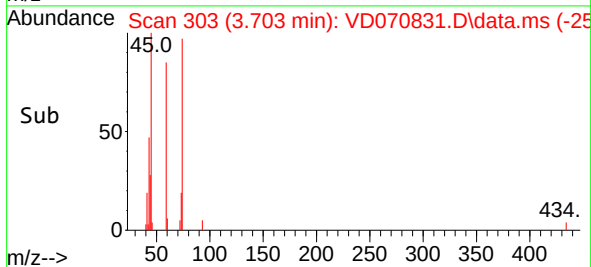
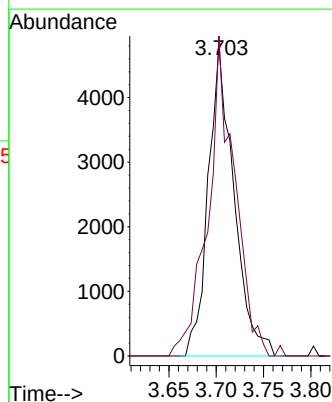
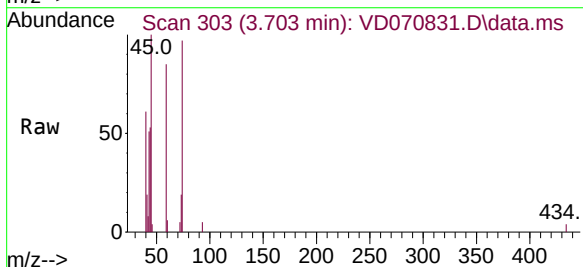
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:101 Resp: 41733  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 49.7 74.5

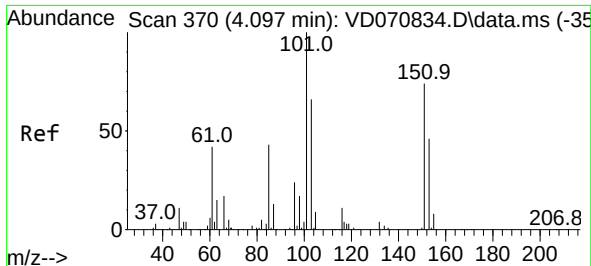


#8  
 Diethyl Ether  
 Concen: 4.858 ug/l  
 RT: 3.703 min Scan# 303  
 Delta R.T. -0.006 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

Tgt Ion: 74 Resp: 9093  
 Ion Ratio Lower Upper  
 74 100  
 45 107.1 49.6 149.0



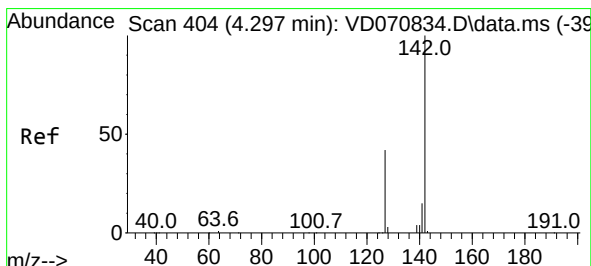
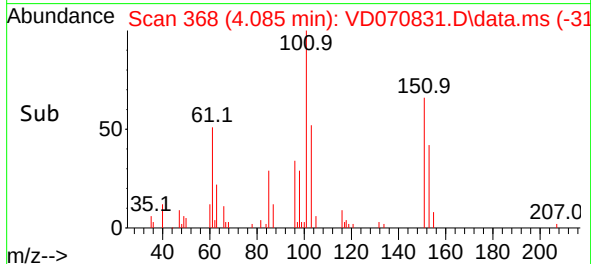
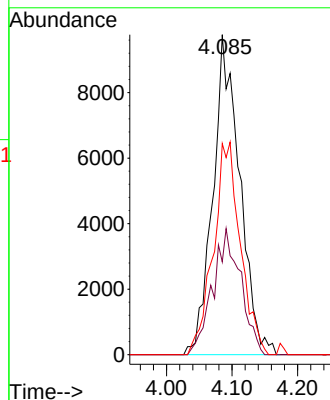
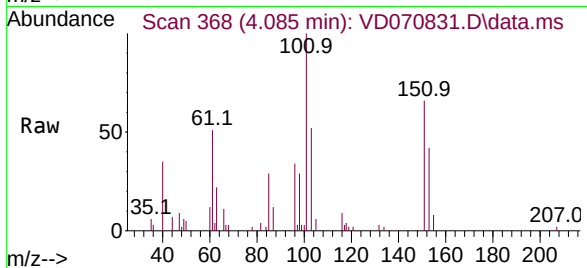




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 6.355 ug/l  
RT: 4.085 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

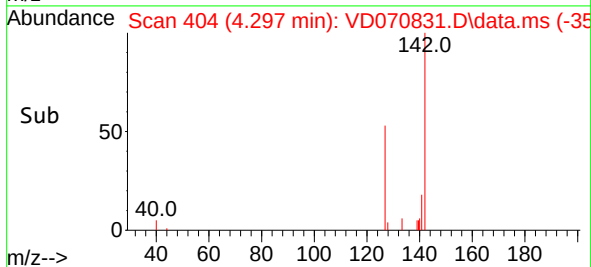
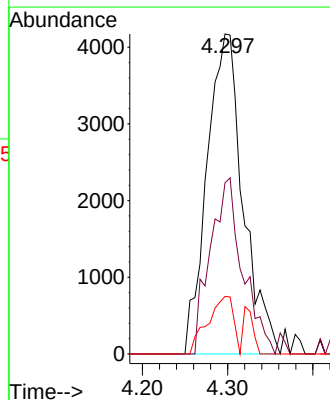
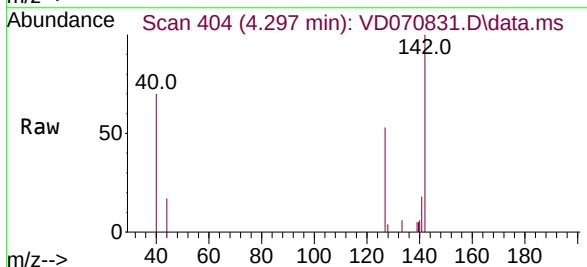
Instrument :  
MSVOA\_D  
ClientSampleId :

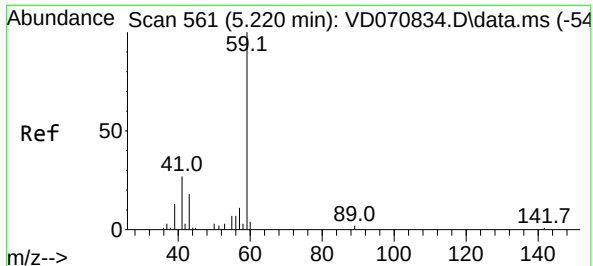
Tgt Ion:101 Resp: 27671  
Ion Ratio Lower Upper  
101 100  
85 40.9 34.8 52.2  
151 67.2 60.4 90.6



#10  
Methyl Iodide  
Concen: 3.183 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

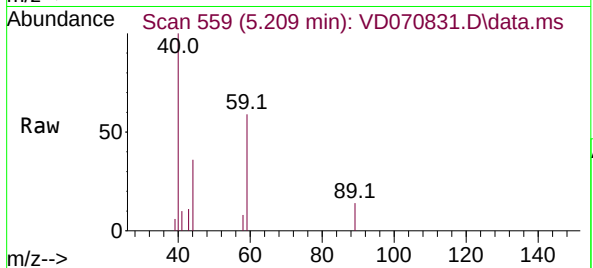
Tgt Ion:142 Resp: 12299  
Ion Ratio Lower Upper  
142 100  
127 49.3 35.0 52.4  
141 12.8 12.0 18.0



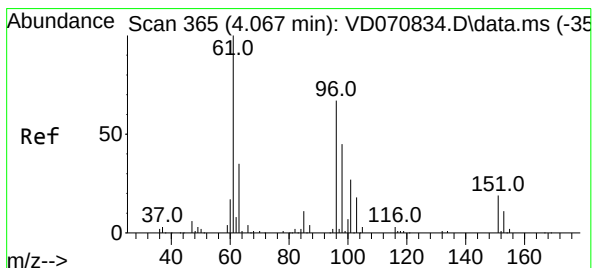
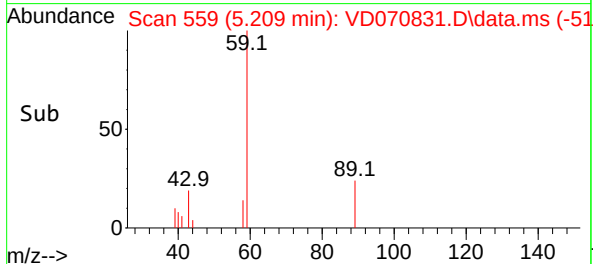
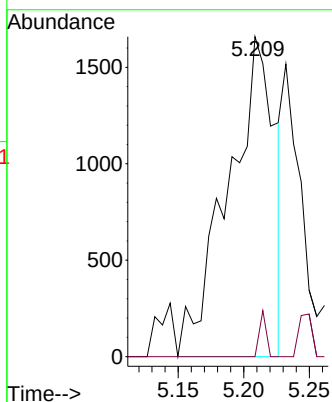


#11  
Tert butyl alcohol  
Concen: 20.091 ug/l  
RT: 5.209 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Instrument :  
MSVOA\_D  
ClientSampleId :

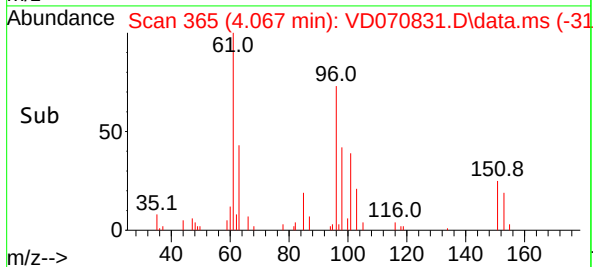
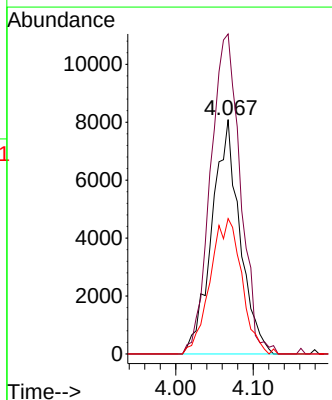
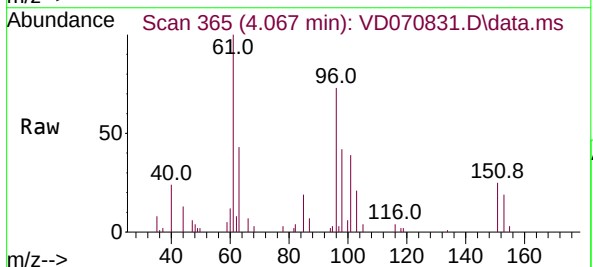


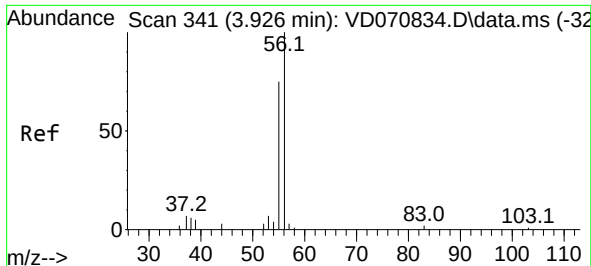
Tgt Ion: 59 Resp: 4057  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 5.331 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

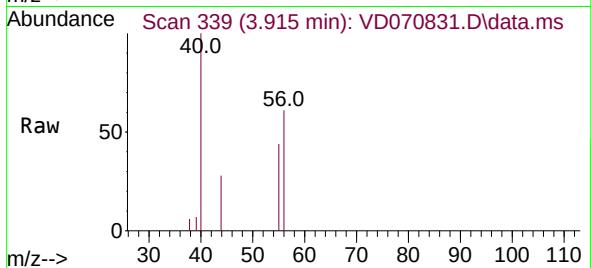
Tgt Ion: 96 Resp: 20321  
Ion Ratio Lower Upper  
96 100  
61 136.5 120.3 180.5  
98 57.7 54.4 81.6



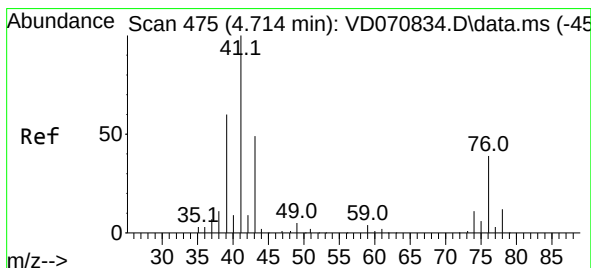
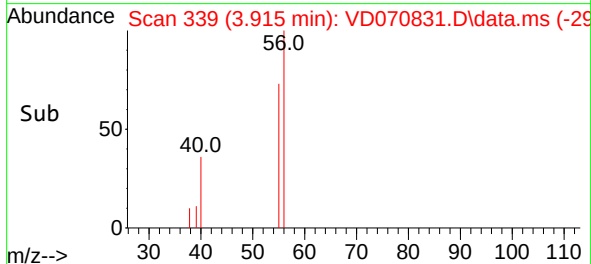
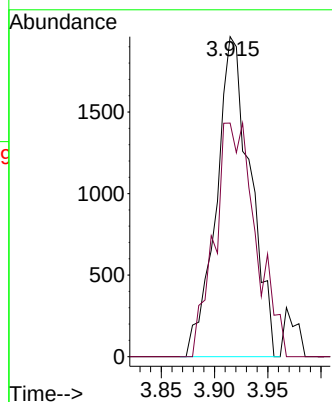


#13  
Acrolein  
Concen: 24.072 ug/l  
RT: 3.915 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Instrument :  
MSVOA\_D  
ClientSampleId :

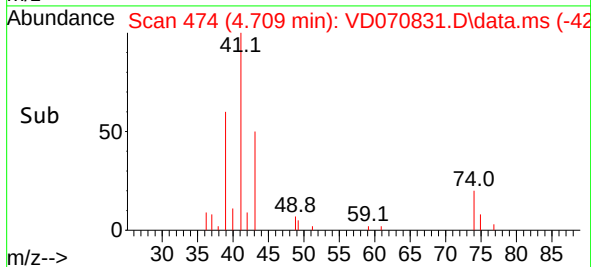
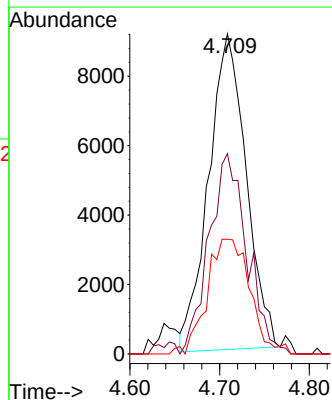
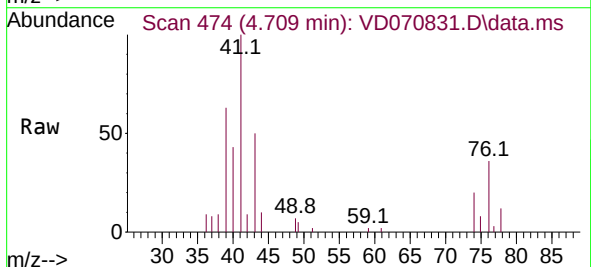


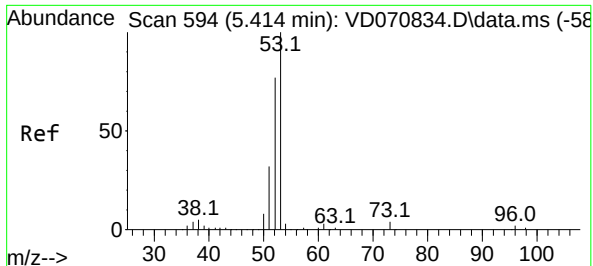
Tgt Ion: 56 Resp: 4359  
Ion Ratio Lower Upper  
56 100  
55 88.2 58.6 87.8#



#14  
Allyl chloride  
Concen: 4.439 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 41 Resp: 26504  
Ion Ratio Lower Upper  
41 100  
39 63.9 45.6 68.4  
76 41.4 30.2 45.4

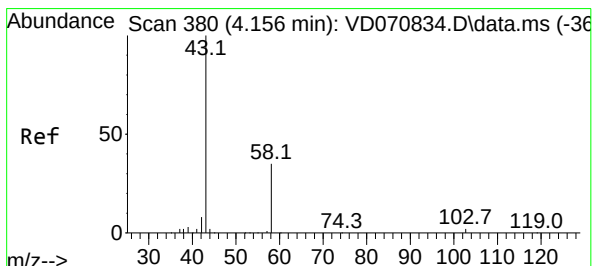
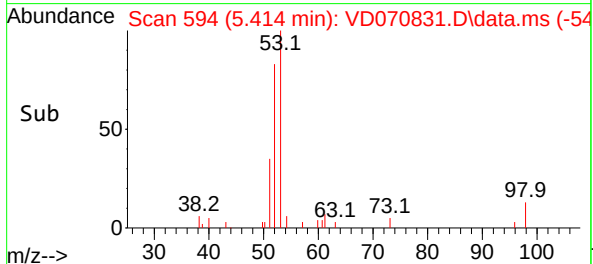
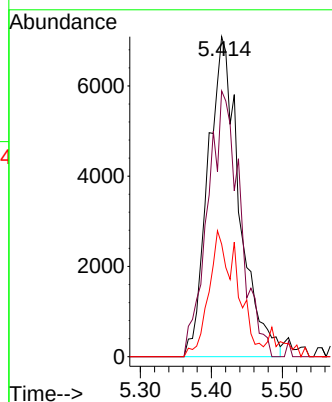
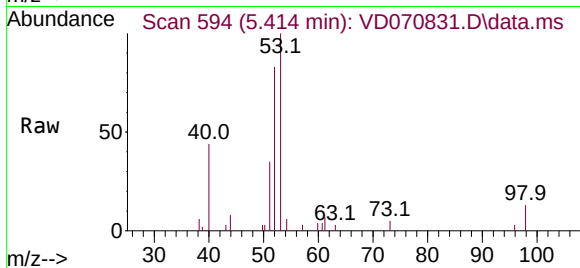




#15  
Acrylonitrile  
Concen: 24.444 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

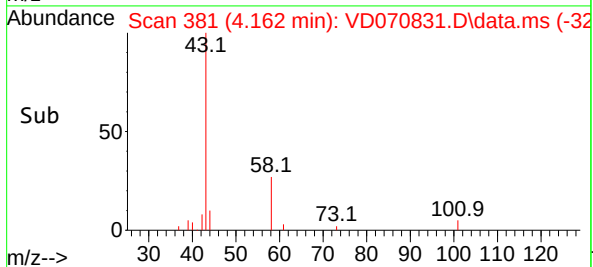
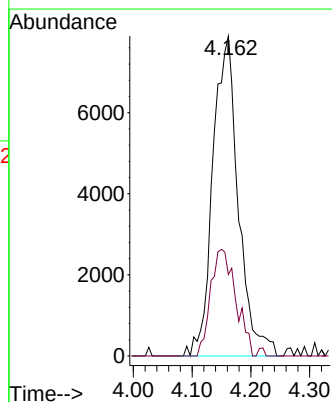
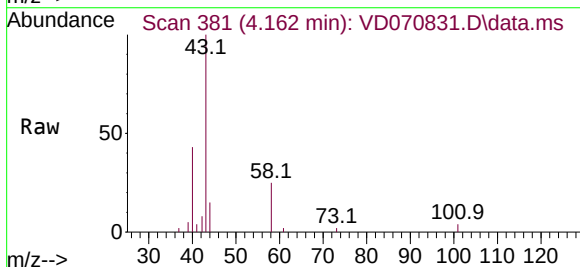
Instrument :  
MSVOA\_D  
ClientSampleId :

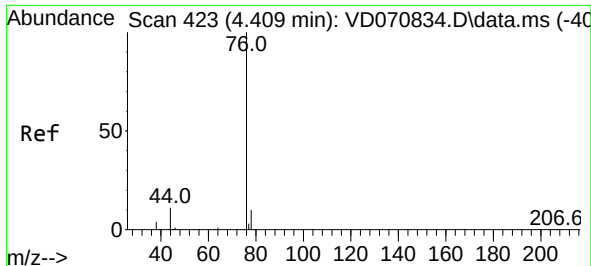
Tgt Ion: 53 Resp: 21917  
Ion Ratio Lower Upper  
53 100  
52 85.3 63.8 95.8  
51 35.6 28.5 42.7



#16  
Acetone  
Concen: 26.935 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 43 Resp: 23809  
Ion Ratio Lower Upper  
43 100  
58 25.5 27.8 41.8#

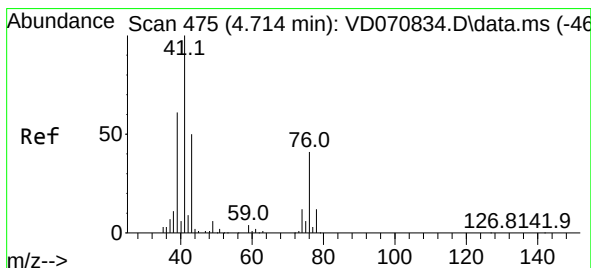
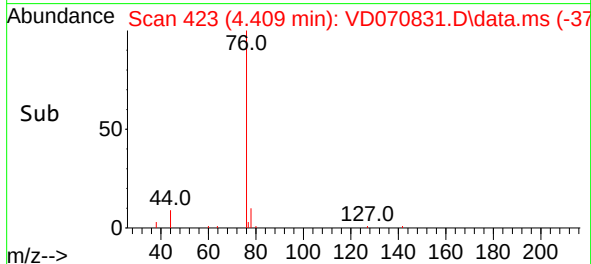
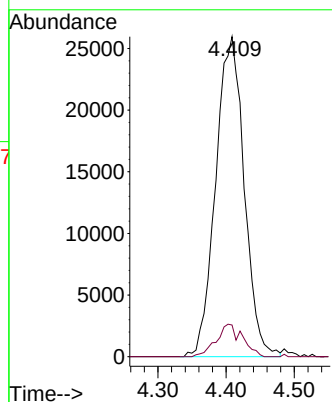
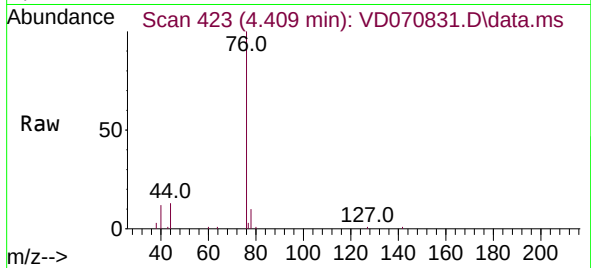




#17  
Carbon Disulfide  
Concen: 5.609 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

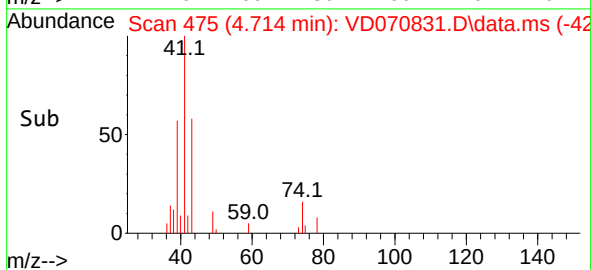
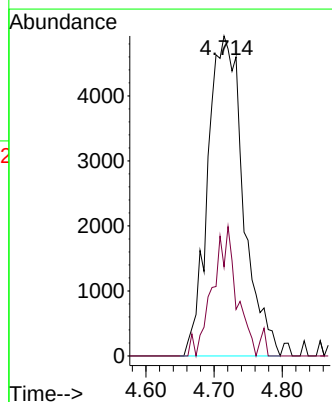
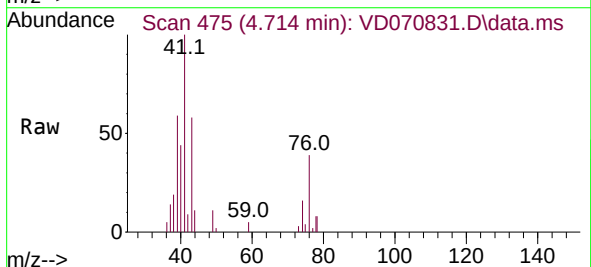
Instrument :  
MSVOA\_D  
ClientSampleId :

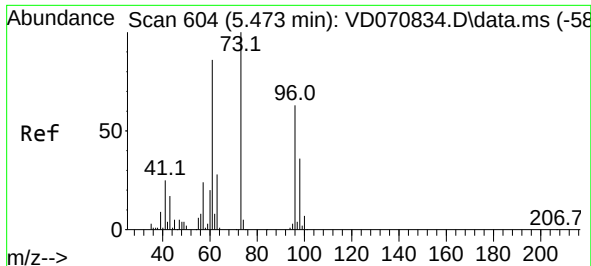
Tgt Ion: 76 Resp: 75588  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.8 11.8



#18  
Methyl Acetate  
Concen: 5.859 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 43 Resp: 17754  
Ion Ratio Lower Upper  
43 100  
74 27.2 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 4.629 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

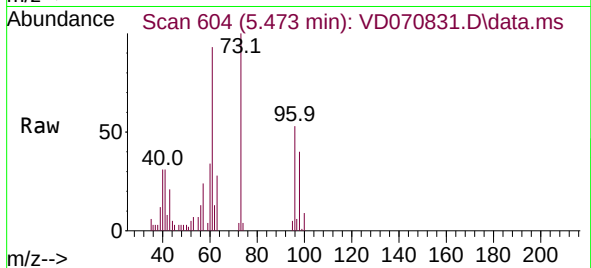
Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

ClientSampleId :

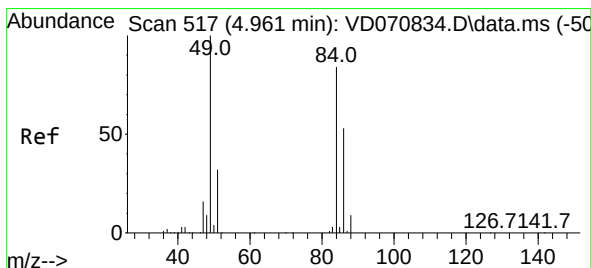
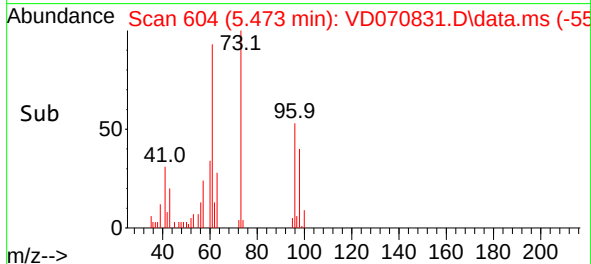
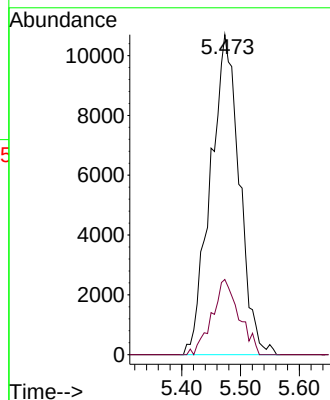


Tgt Ion: 73 Resp: 36704

Ion Ratio Lower Upper

73 100

57 23.5 18.9 28.3



#20

Methylene Chloride

Concen: 8.456 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Tgt Ion: 84 Resp: 51660

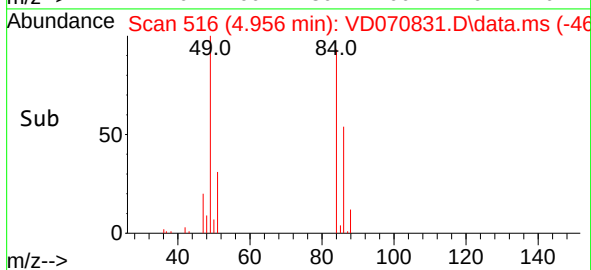
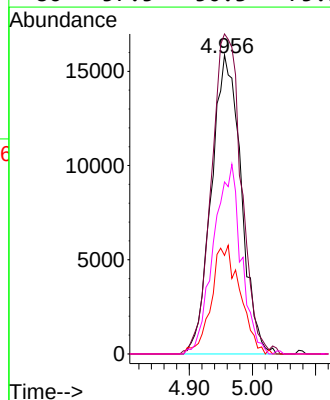
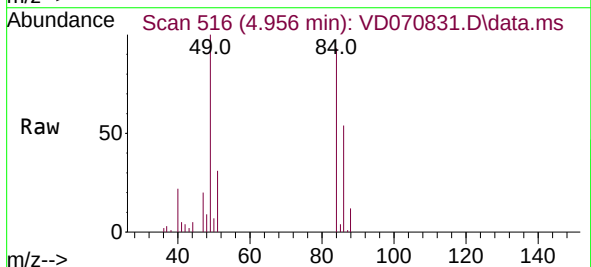
Ion Ratio Lower Upper

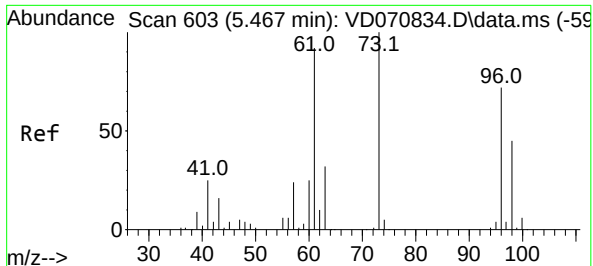
84 100

49 107.0 95.8 143.6

51 33.0 30.9 46.3

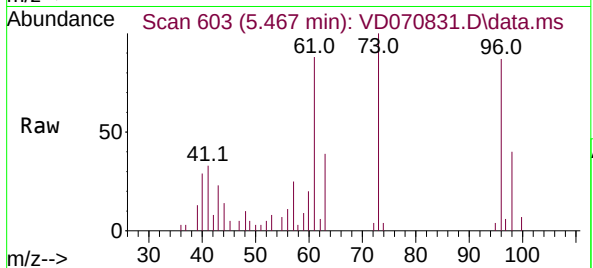
86 57.5 50.3 75.5



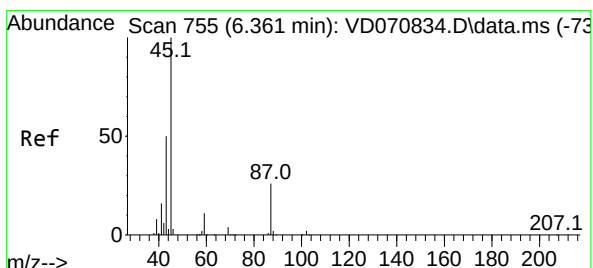
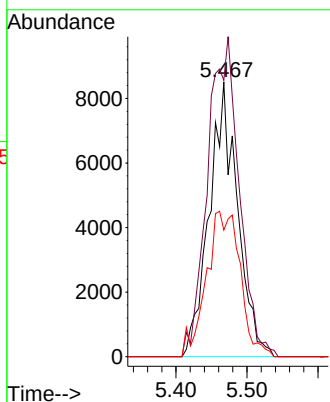
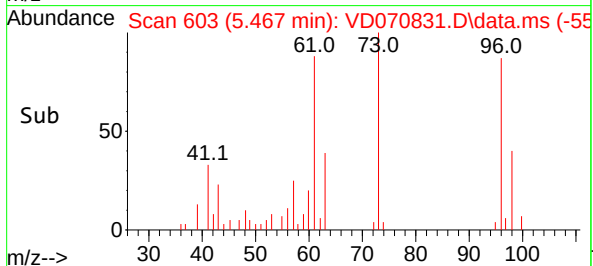


#21  
trans-1,2-Dichloroethene  
Concen: 5.188 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

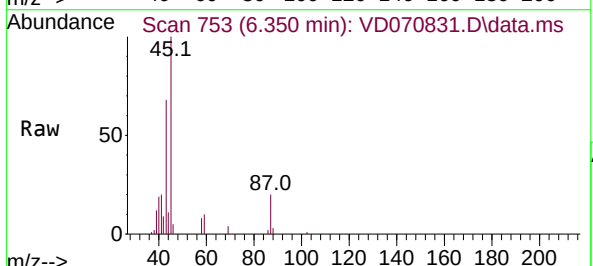
Instrument :  
MSVOA\_D  
ClientSampleId :



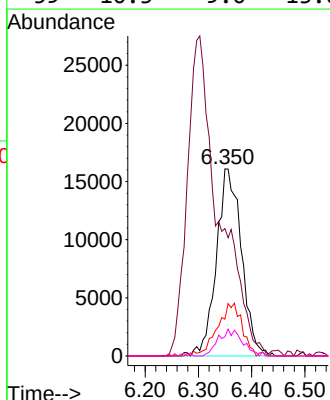
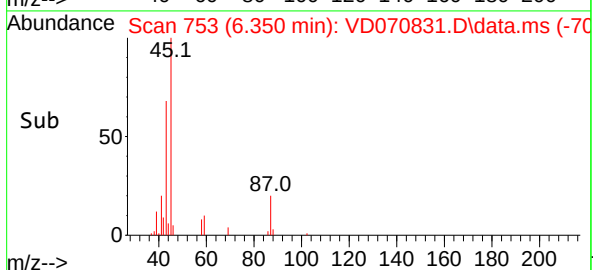
Tgt Ion: 96 Resp: 23432  
Ion Ratio Lower Upper  
96 100  
61 100.6 102.1 153.1#  
98 46.0 50.1 75.1#

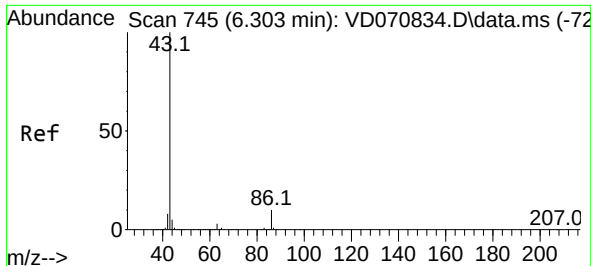


#22  
Diisopropyl ether  
Concen: 4.243 ug/l  
RT: 6.350 min Scan# 753  
Delta R.T. -0.012 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02



Tgt Ion: 45 Resp: 52539  
Ion Ratio Lower Upper  
45 100  
43 65.0 39.6 59.4#  
87 19.7 21.2 31.8#  
59 10.3 9.0 13.6

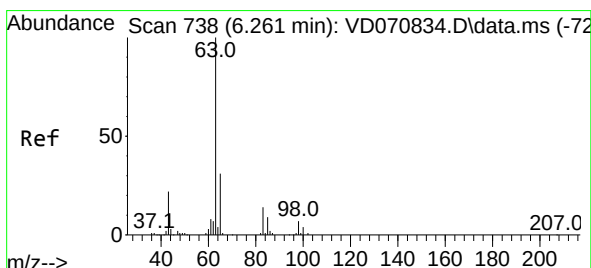
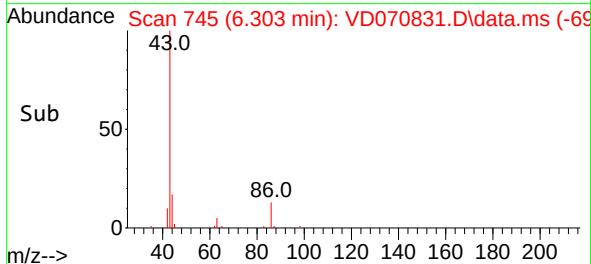
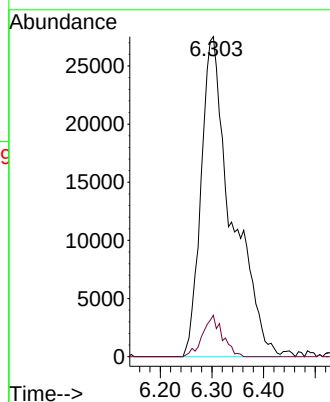
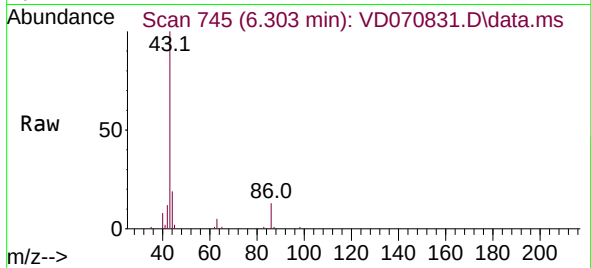




#23  
 Vinyl Acetate  
 Concen: 20.131 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. 0.000 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

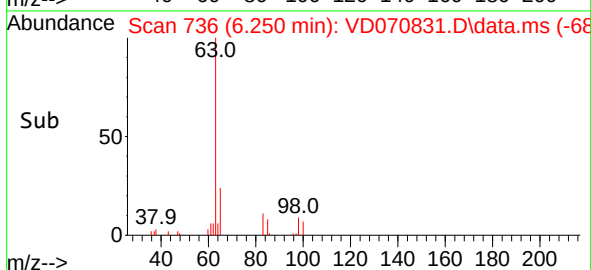
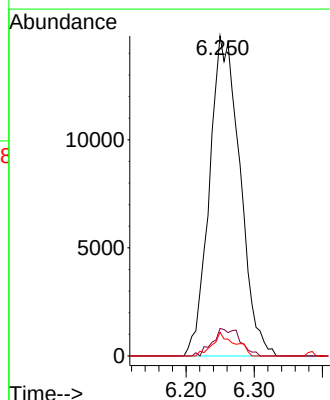
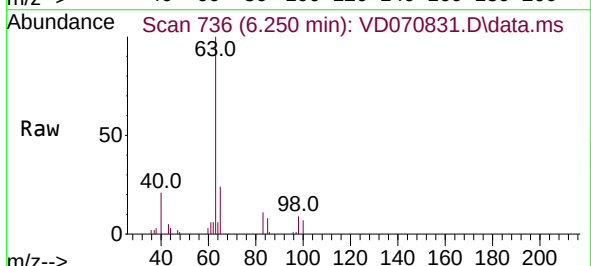
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 43 Resp: 113288  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 8.2 12.4#

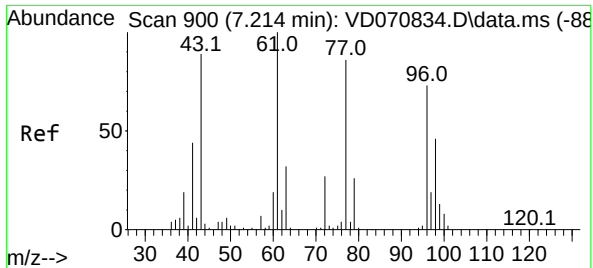


#24  
 1,1-Dichloroethane  
 Concen: 5.534 ug/l  
 RT: 6.250 min Scan# 736  
 Delta R.T. -0.012 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

Tgt Ion: 63 Resp: 46190  
 Ion Ratio Lower Upper  
 63 100  
 98 8.6 3.5 10.6  
 100 7.4 2.1 6.3#



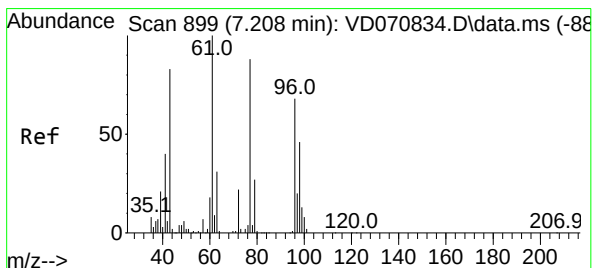
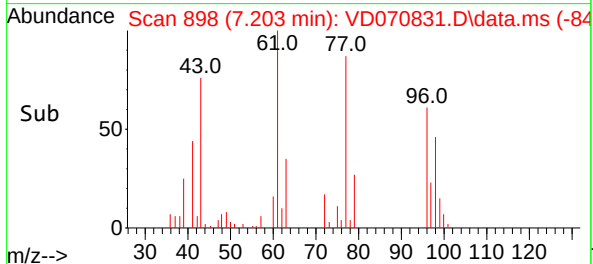
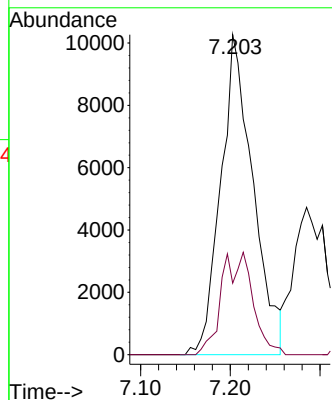
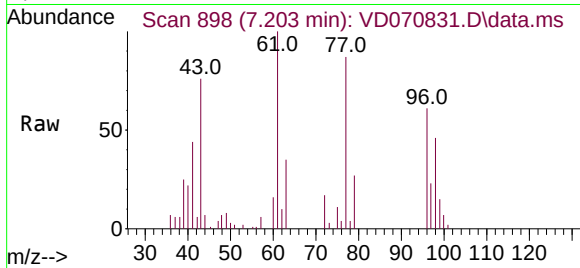




#25  
2-Butanone  
Concen: 23.578 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

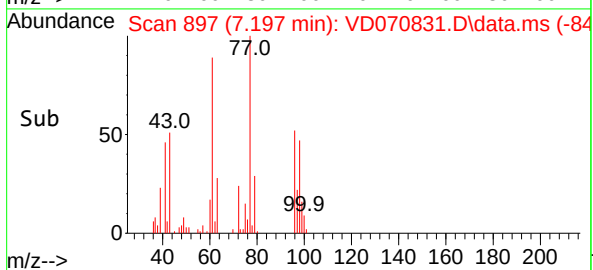
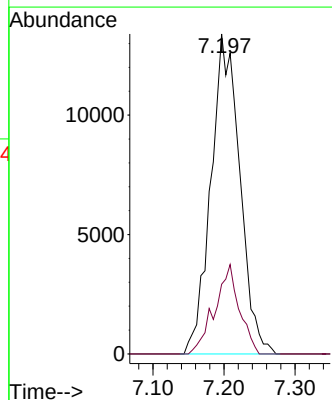
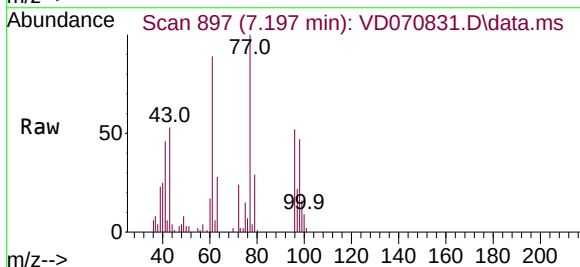
Instrument :  
MSVOA\_D  
ClientSampleId :

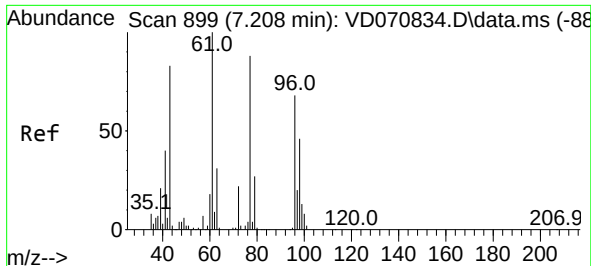
Tgt Ion: 43 Resp: 25653  
Ion Ratio Lower Upper  
43 100  
72 22.3 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 5.676 ug/l  
RT: 7.197 min Scan# 897  
Delta R.T. -0.012 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

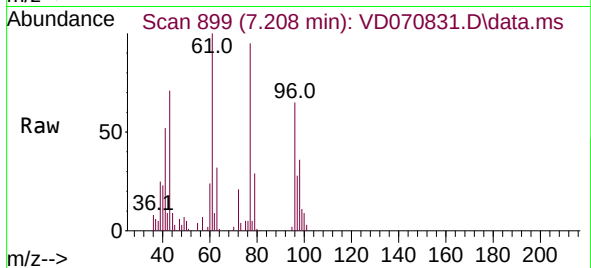
Tgt Ion: 77 Resp: 37793  
Ion Ratio Lower Upper  
77 100  
97 23.8 11.9 35.5





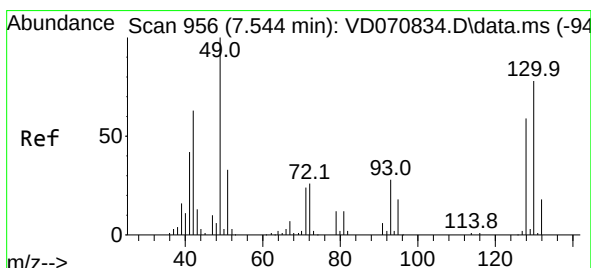
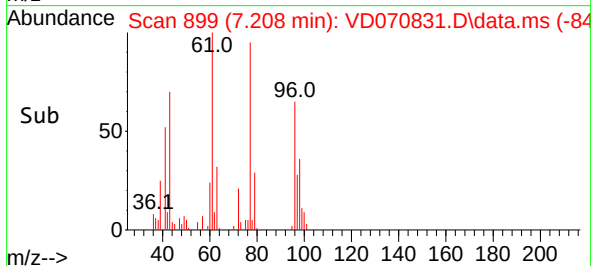
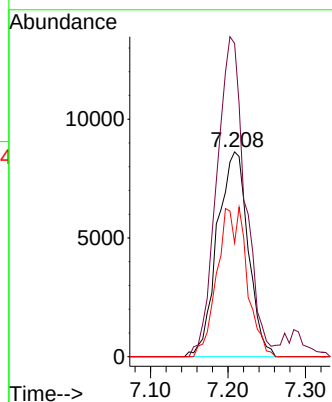
#27  
 cis-1,2-Dichloroethene  
 Concen: 4.934 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. 0.000 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

Instrument :  
 MSVOA\_D  
 ClientSampleId :



Tgt Ion: 96 Resp: 23885

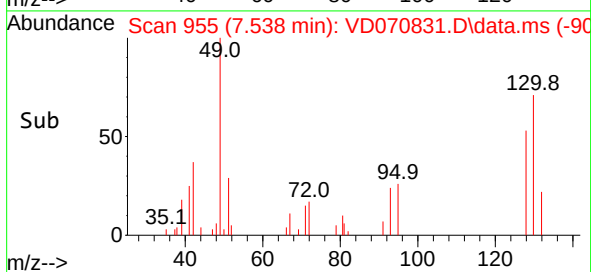
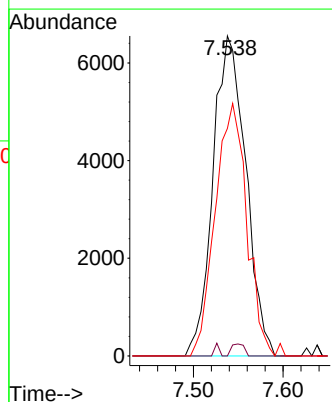
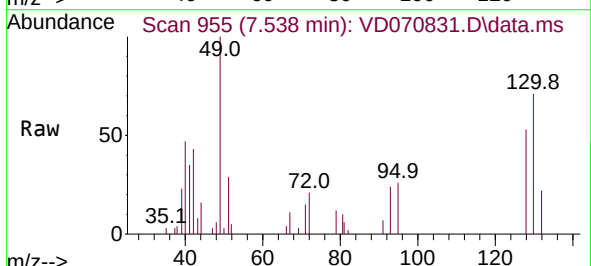
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.4 | 0.0   | 288.6 |
| 98  | 70.0  | 0.0   | 129.2 |

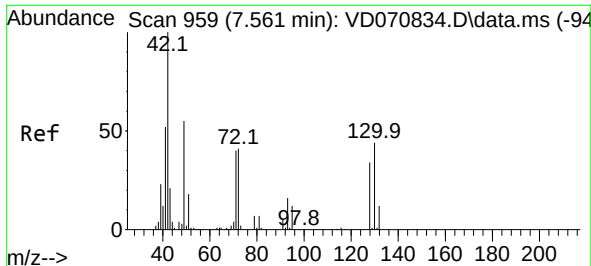


#28  
 Bromochloromethane  
 Concen: 5.087 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.006 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

Tgt Ion: 49 Resp: 16648

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.5   | 0.0   | 4.0   |
| 130 | 75.7  | 60.2  | 90.2  |





#29

Tetrahydrofuran

Concen: 22.635 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

ClientSampleId :

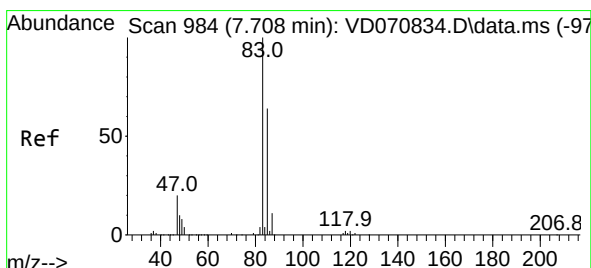
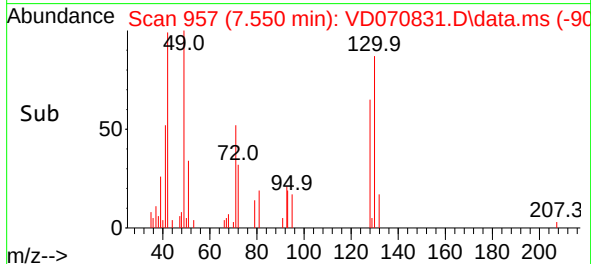
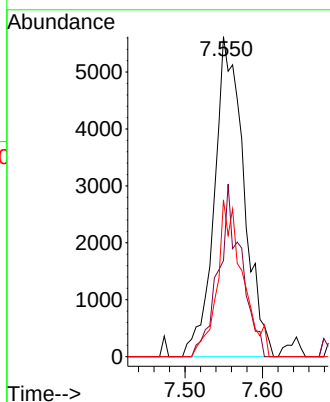
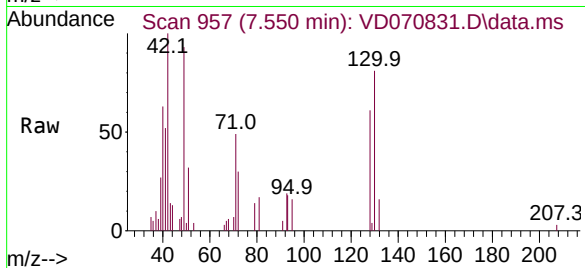
Tgt Ion: 42 Resp: 14878

Ion Ratio Lower Upper

42 100

72 42.0 33.7 50.5

71 42.1 32.7 49.1



#30

Chloroform

Concen: 5.748 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD070831.D

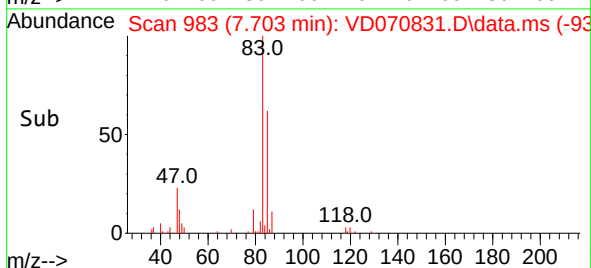
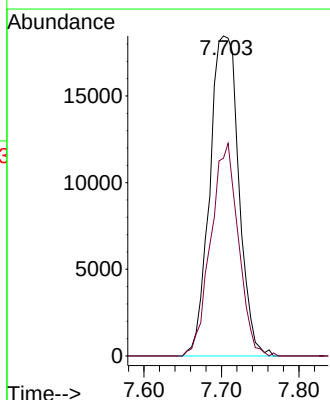
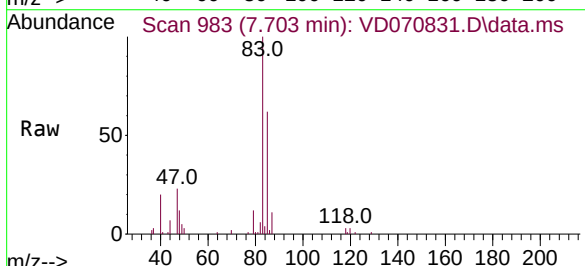
Acq: 26 Oct 2021 10:02

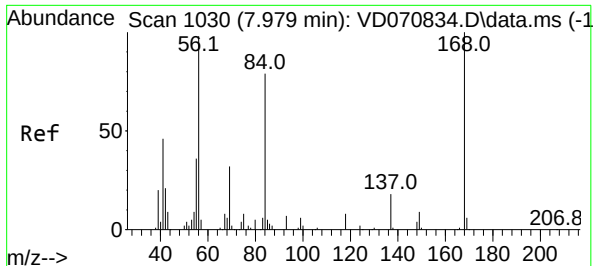
Tgt Ion: 83 Resp: 48153

Ion Ratio Lower Upper

83 100

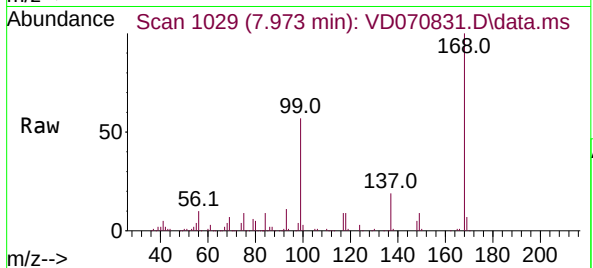
85 61.8 51.0 76.6



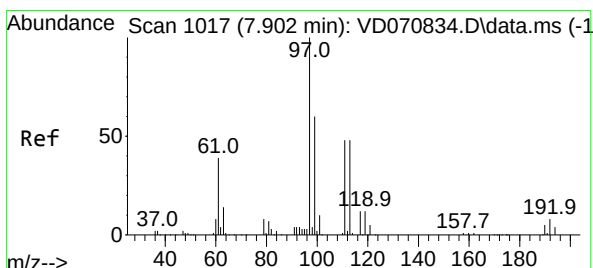
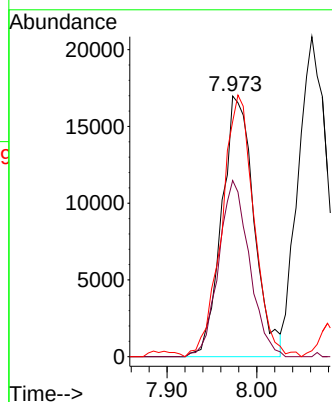
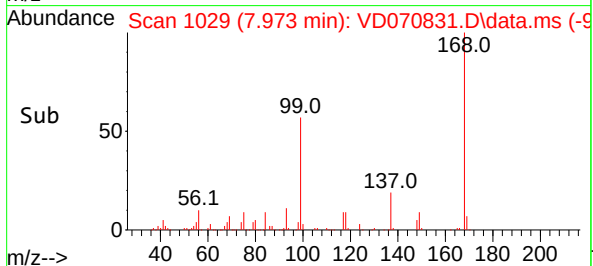


#31  
Cyclohexane  
Concen: 5.465 ug/l  
RT: 7.973 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

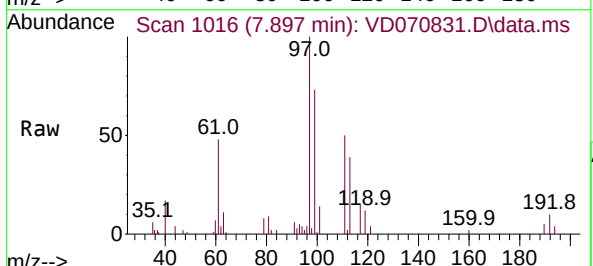
Instrument :  
MSVOA\_D  
ClientSampleId :



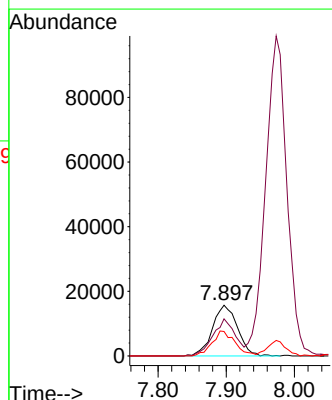
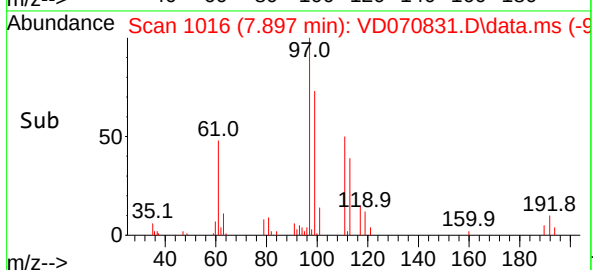
Tgt Ion: 56 Resp: 42311  
Ion Ratio Lower Upper  
56 100  
69 67.6 25.9 38.9#  
84 89.2 64.3 96.5

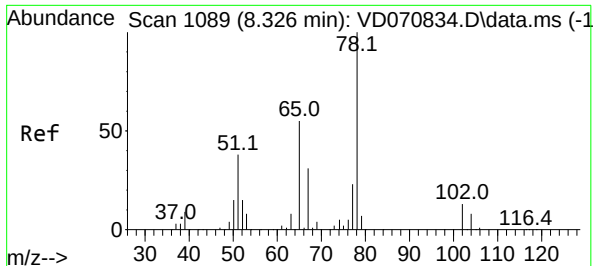


#32  
1,1,1-Trichloroethane  
Concen: 5.608 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02



Tgt Ion: 97 Resp: 40123  
Ion Ratio Lower Upper  
97 100  
99 65.3 50.3 75.5  
61 45.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 5.685 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

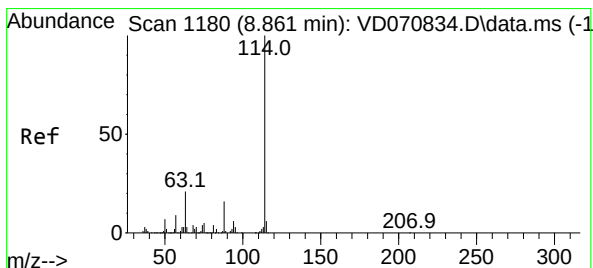
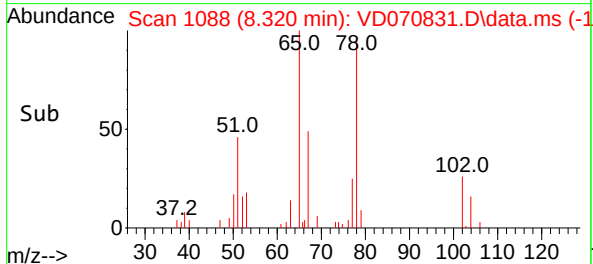
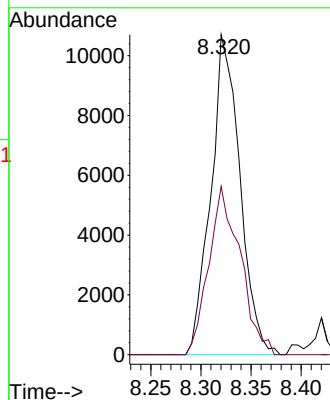
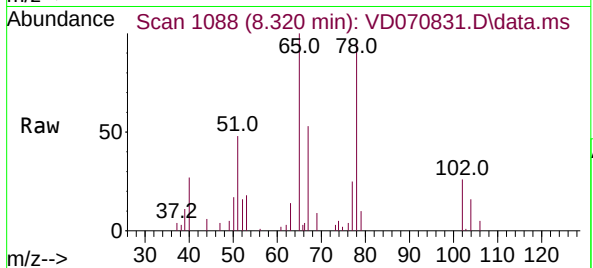
ClientSampleId :

Tgt Ion: 65 Resp: 21600

Ion Ratio Lower Upper

65 100

67 57.0 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: VD070831.D

Acq: 26 Oct 2021 10:02

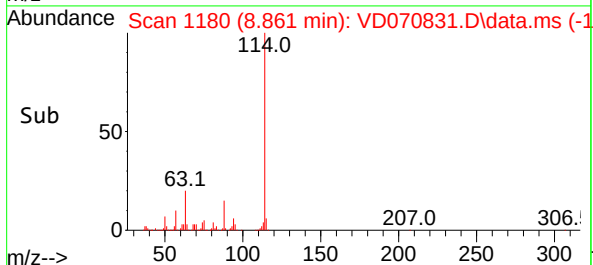
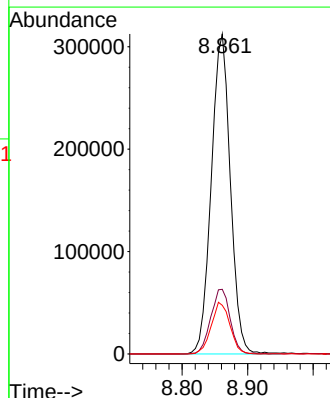
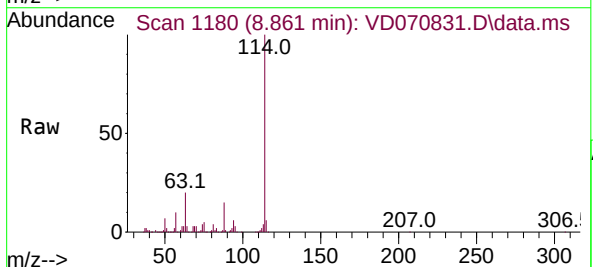
Tgt Ion: 114 Resp: 630101

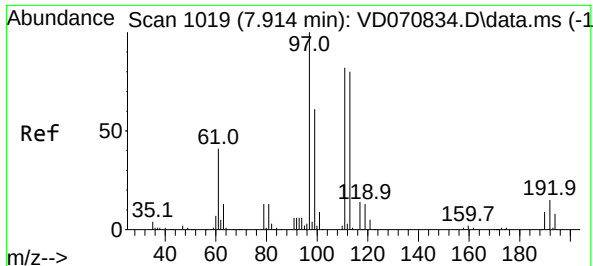
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

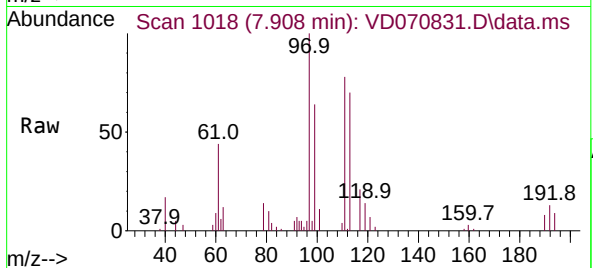
88 15.2 0.0 32.8



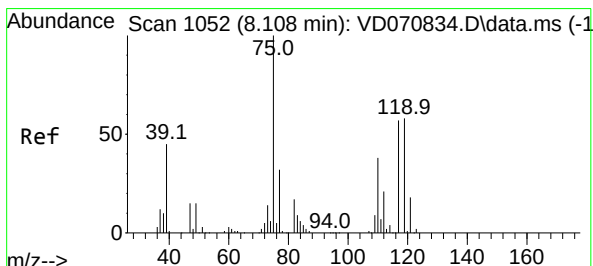
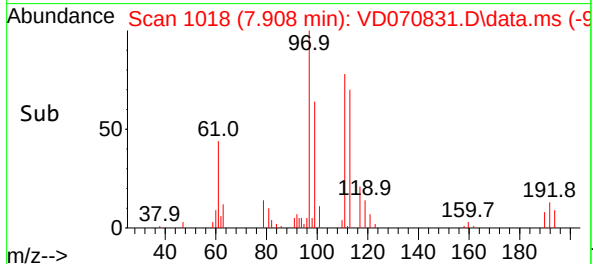
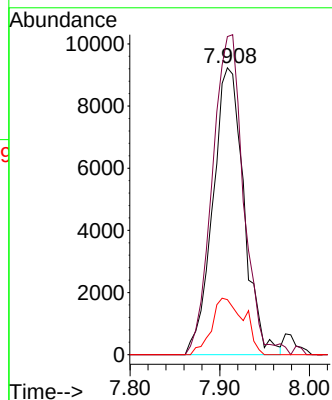


#35  
Dibromofluoromethane  
Concen: 5.340 ug/l  
RT: 7.908 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Instrument :  
MSVOA\_D  
ClientSampleId :

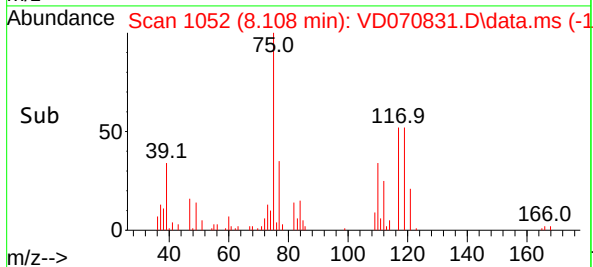
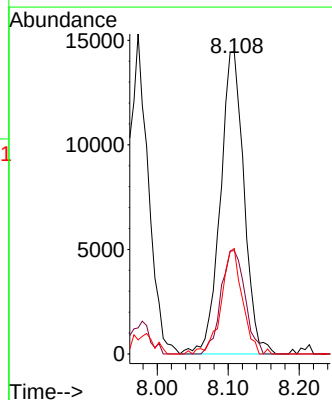
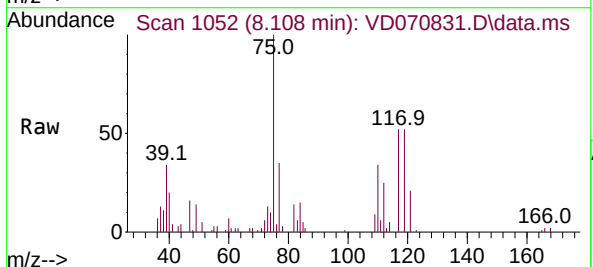


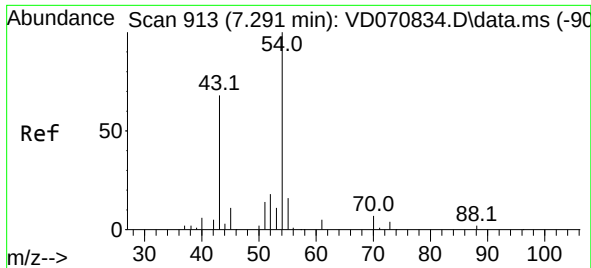
Tgt Ion:113 Resp: 22185  
Ion Ratio Lower Upper  
113 100  
111 112.0 82.0 123.0  
192 20.5 15.2 22.8



#36  
1,1-Dichloropropene  
Concen: 5.079 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 75 Resp: 33486  
Ion Ratio Lower Upper  
75 100  
110 34.7 17.8 53.4  
77 30.9 24.8 37.2

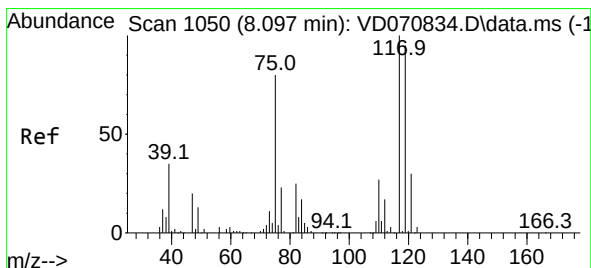
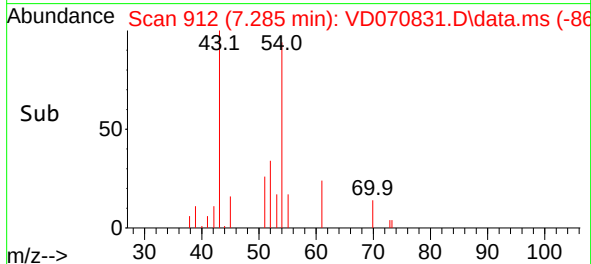
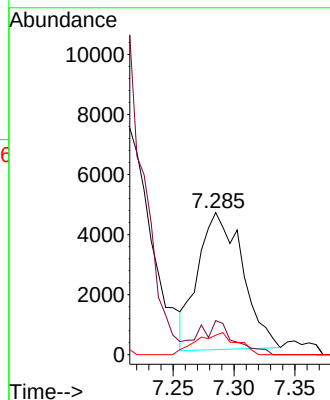
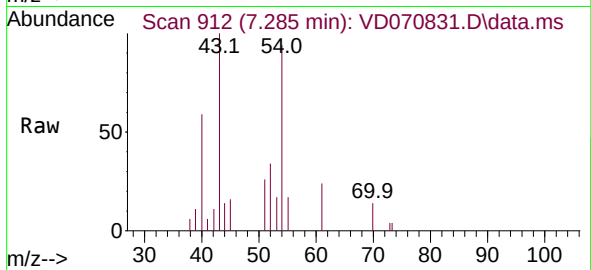




#37  
Ethyl Acetate  
Concen: 4.729 ug/l  
RT: 7.285 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

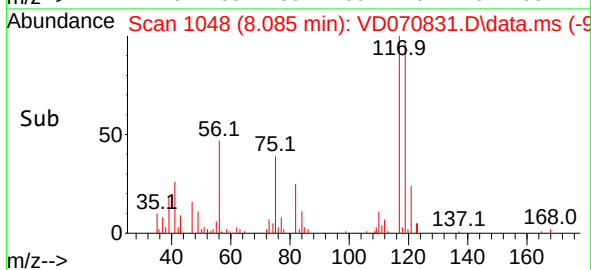
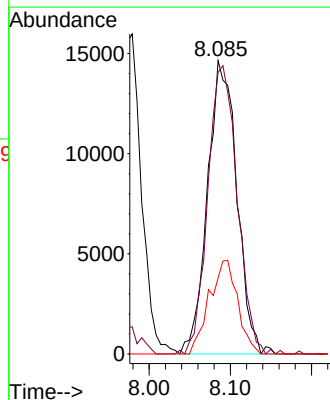
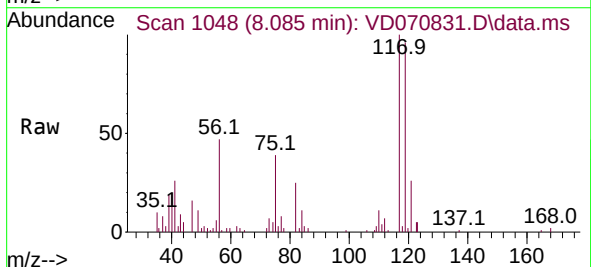
Instrument :  
MSVOA\_D  
ClientSampleId :

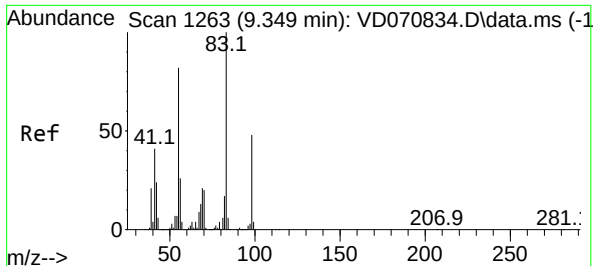
Tgt Ion: 43 Resp: 11591  
Ion Ratio Lower Upper  
43 100  
61 18.4 13.0 19.6  
70 14.4 8.7 13.1#



#38  
Carbon Tetrachloride  
Concen: 5.559 ug/l  
RT: 8.085 min Scan# 1048  
Delta R.T. -0.012 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 117 Resp: 36850  
Ion Ratio Lower Upper  
117 100  
119 94.8 75.8 113.6  
121 25.9 23.6 35.4





#39

Methylcyclohexane

Concen: 4.723 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

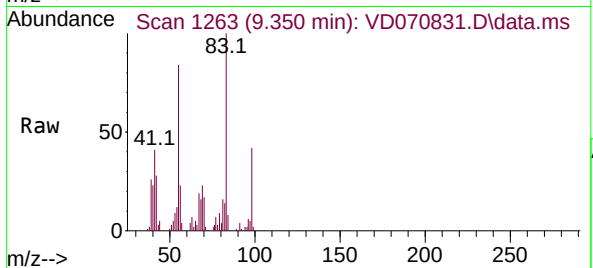
Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

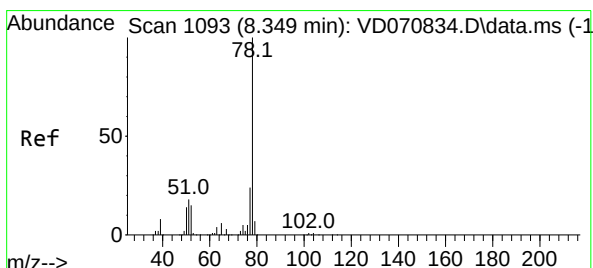
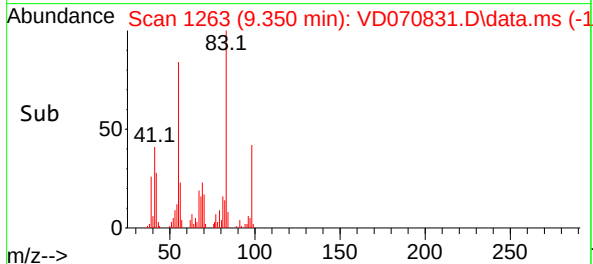
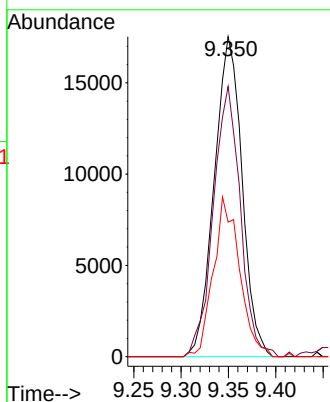
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 35826 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 84.4  | 65.8  | 98.8  |
| 98       | 42.1  | 38.7  | 58.1  |



#40

Benzene

Concen: 5.156 ug/l

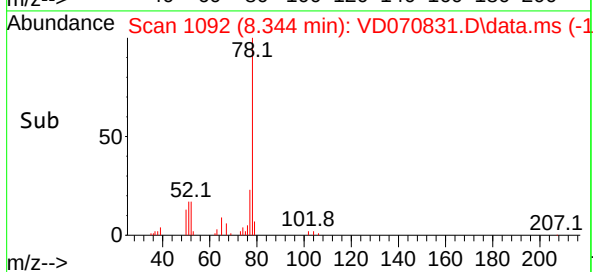
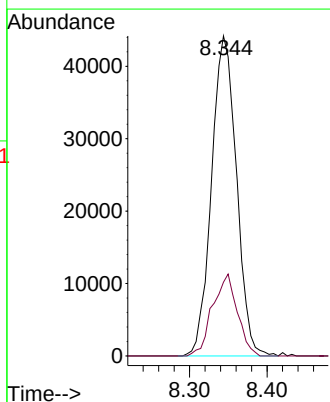
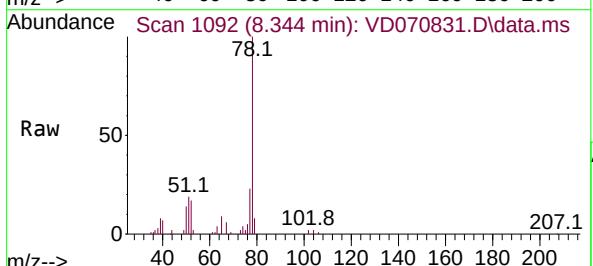
RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

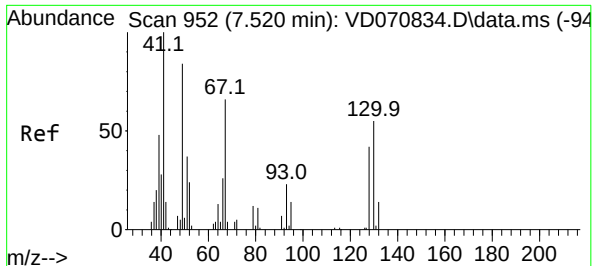
Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 98832 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 23.1  | 19.1  | 28.7  |

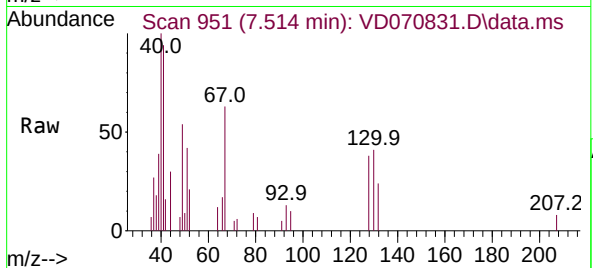




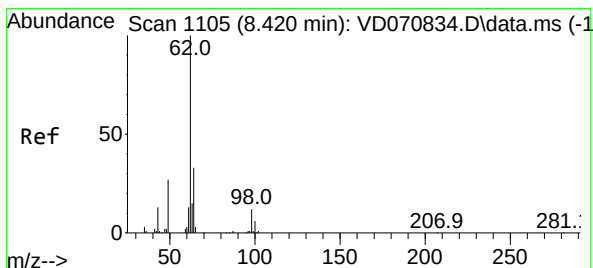
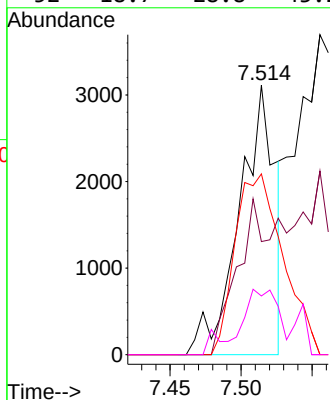
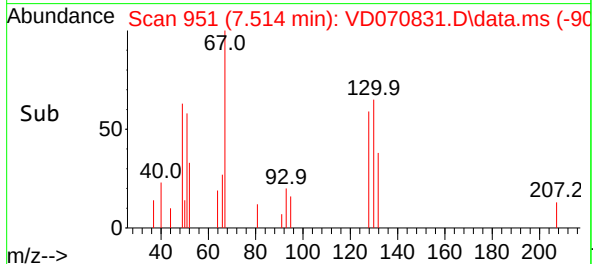


#41  
Methacrylonitrile  
Concen: 4.219 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

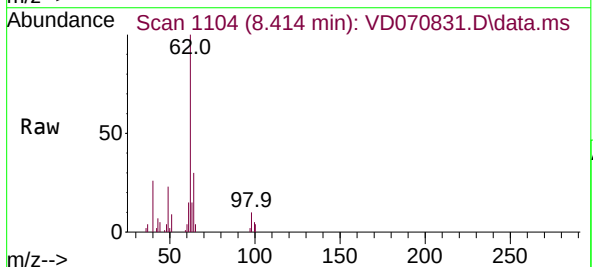
Instrument :  
MSVOA\_D  
ClientSampleId :



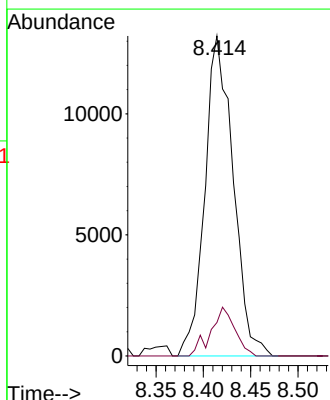
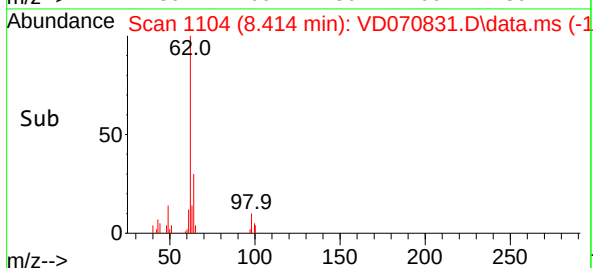
Tgt Ion: 41 Resp: 5471  
Ion Ratio Lower Upper  
41 100  
39 49.0 60.2 90.4#  
67 90.0 74.8 112.2  
52 18.7 28.8 43.2#

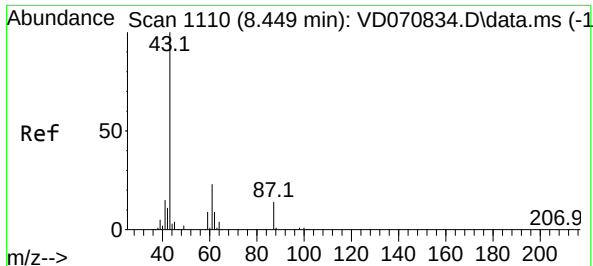


#42  
1,2-Dichloroethane  
Concen: 5.628 ug/l  
RT: 8.414 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02



Tgt Ion: 62 Resp: 27464  
Ion Ratio Lower Upper  
62 100  
98 13.0 0.0 21.8





#43

Isopropyl Acetate

Concen: 4.772 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

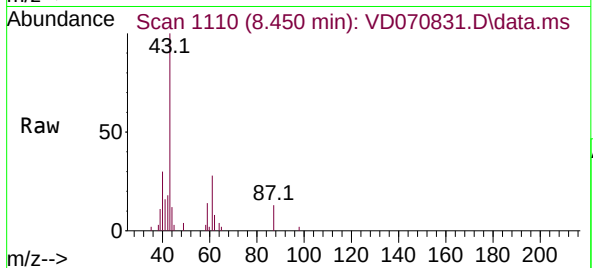
Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

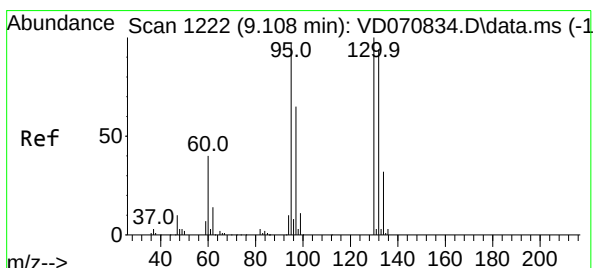
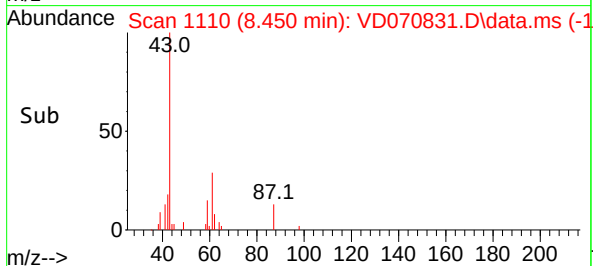
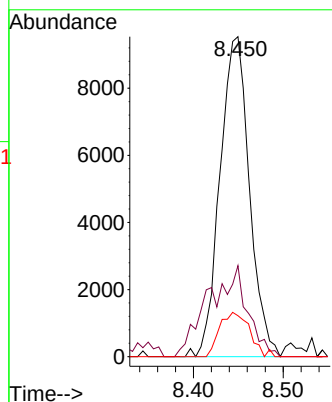
Instrument :

MSVOA\_D

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 21743    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 0.0 28.2 42.4# |
| 87          | 14.2 10.7 16.1 |



#44

Trichloroethene

Concen: 5.544 ug/l

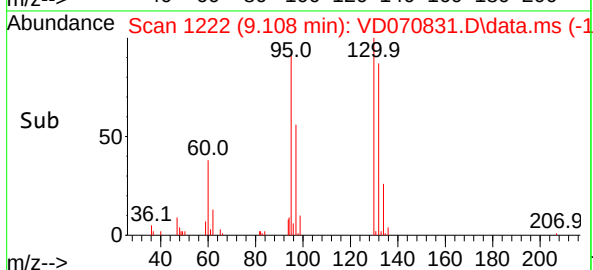
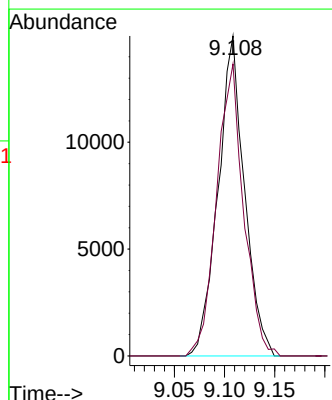
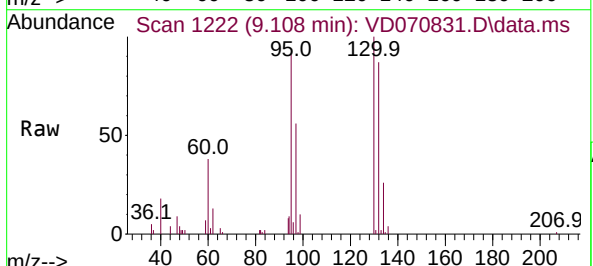
RT: 9.108 min Scan# 1222

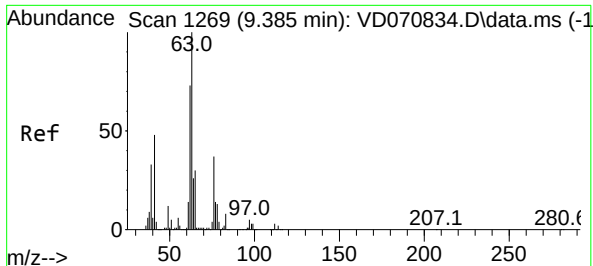
Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

|              |                |
|--------------|----------------|
| Tgt Ion: 130 | Resp: 27454    |
| Ion Ratio    | Lower Upper    |
| 130          | 100            |
| 95           | 91.2 0.0 193.2 |





#45

1,2-Dichloropropane

Concen: 5.162 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

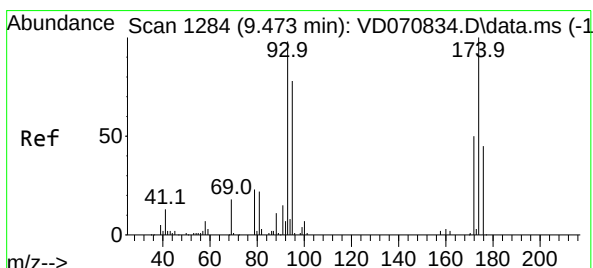
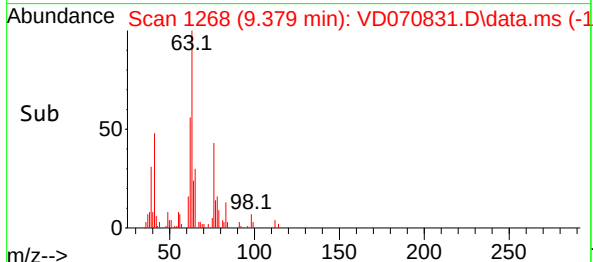
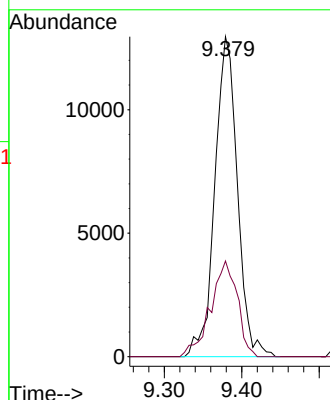
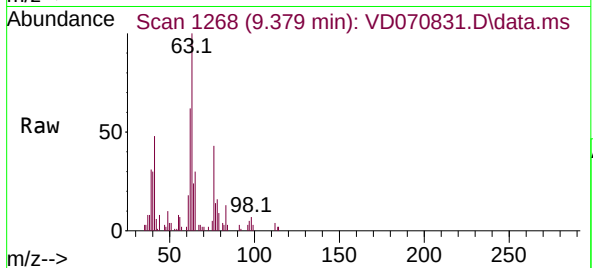
ClientSampleId :

Tgt Ion: 63 Resp: 26230

Ion Ratio Lower Upper

63 100

65 29.9 24.2 36.2



#46

Dibromomethane

Concen: 5.487 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

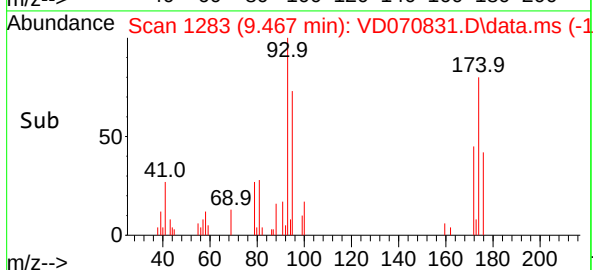
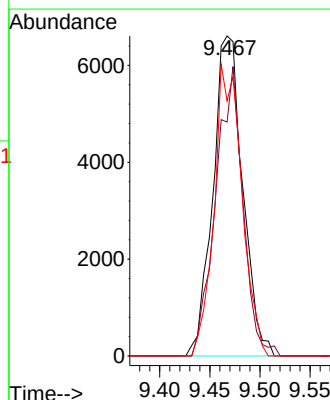
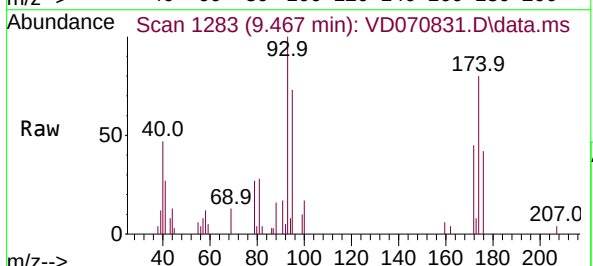
Tgt Ion: 93 Resp: 13670

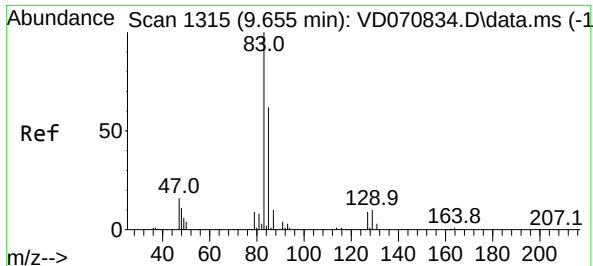
Ion Ratio Lower Upper

93 100

95 82.1 66.1 99.1

174 84.4 78.6 117.8

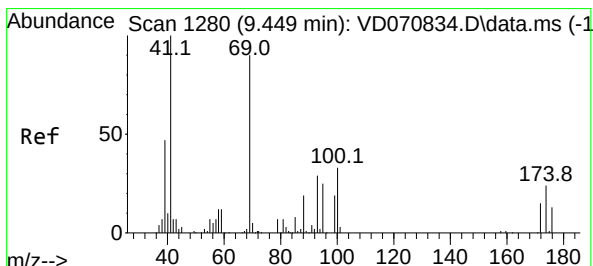
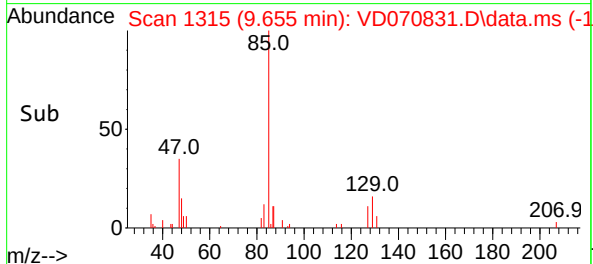
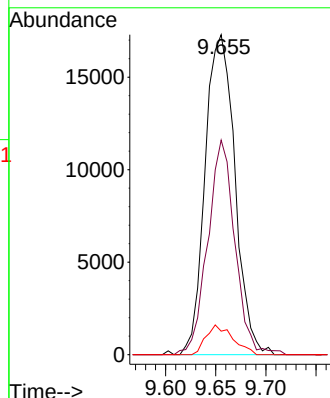
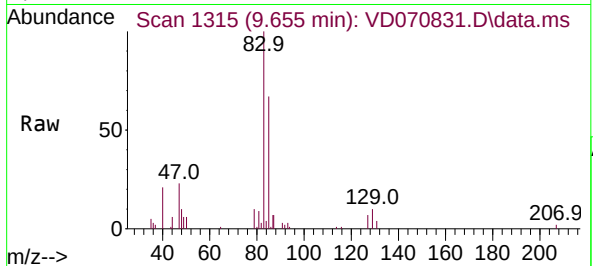




#47  
Bromodichloromethane  
Concen: 5.555 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

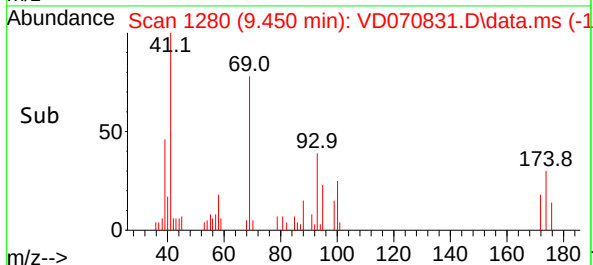
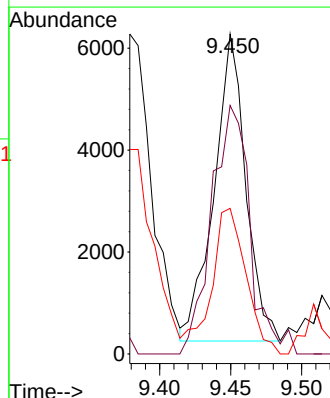
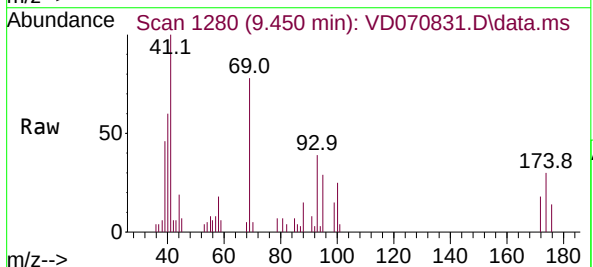
Instrument :  
MSVOA\_D  
ClientSampleId :

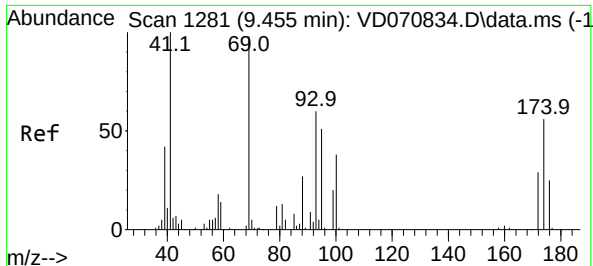
Tgt Ion: 83 Resp: 35774  
Ion Ratio Lower Upper  
83 100  
85 65.9 50.0 75.0  
127 7.3 7.3 10.9



#48  
Methyl methacrylate  
Concen: 4.296 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 41 Resp: 9353  
Ion Ratio Lower Upper  
41 100  
69 98.3 69.8 104.6  
39 50.0 35.6 53.4





#49

1,4-Dioxane

Concen: 52.276 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.012 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

ClientSampleId :

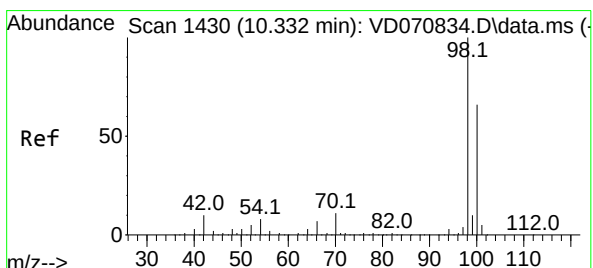
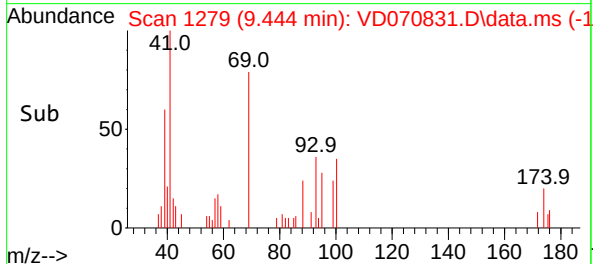
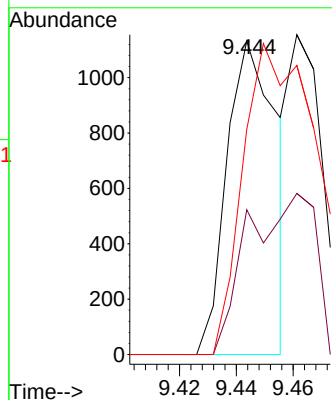
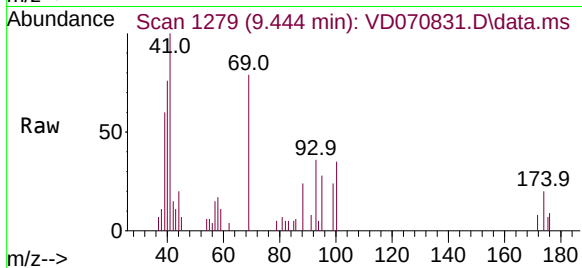
Tgt Ion: 88 Resp: 1390

Ion Ratio Lower Upper

88 100

43 68.6 28.9 43.3#

58 141.1 56.3 84.5#



#50

Toluene-d8

Concen: 4.787 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD070831.D

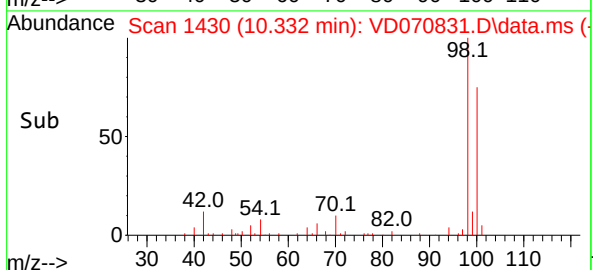
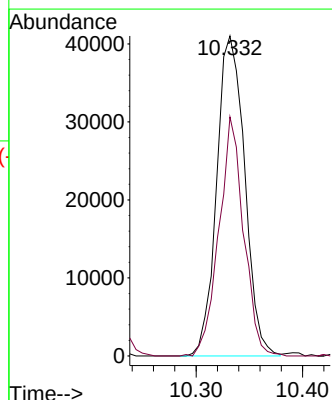
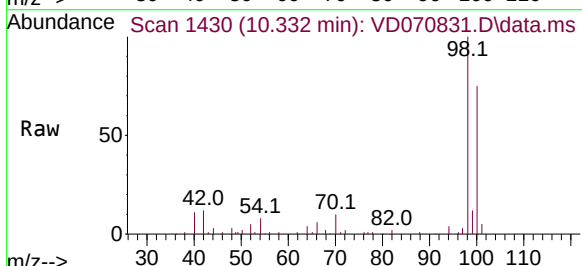
Acq: 26 Oct 2021 10:02

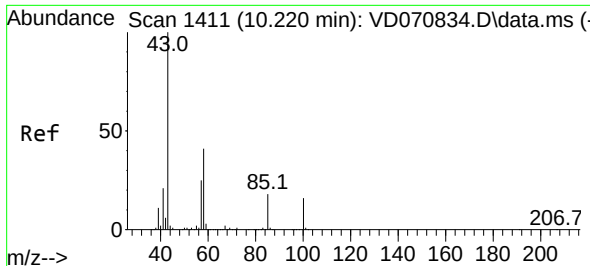
Tgt Ion: 98 Resp: 74825

Ion Ratio Lower Upper

98 100

100 65.8 51.8 77.6

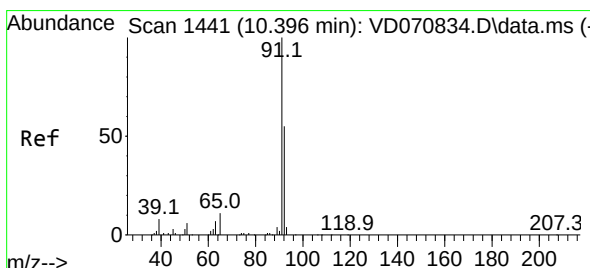
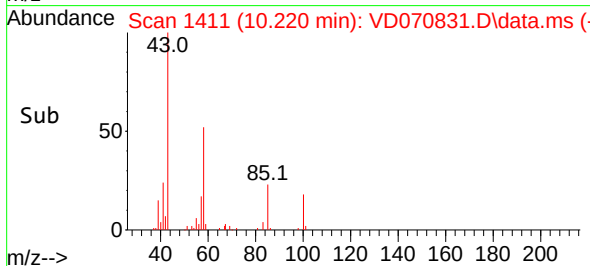
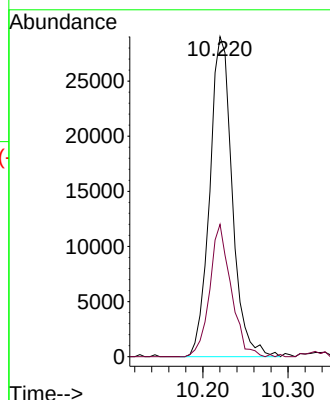
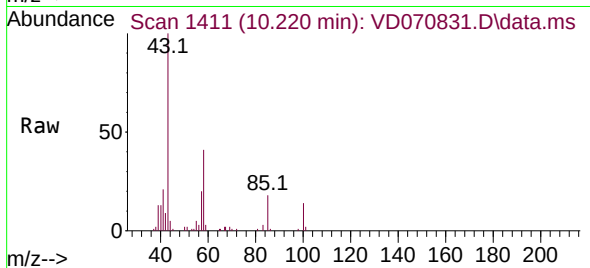




#51  
4-Methyl-2-Pentanone  
Concen: 22.330 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

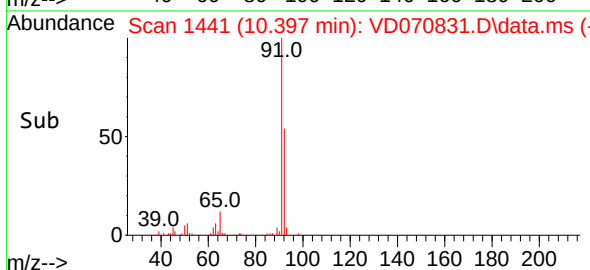
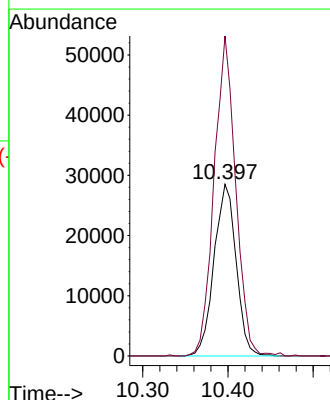
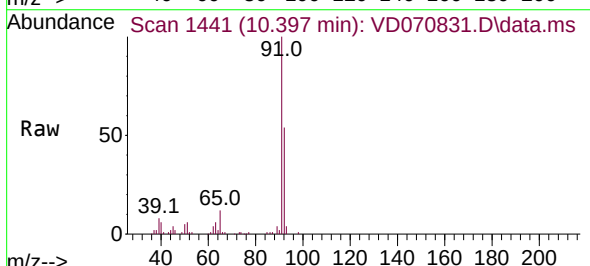
Instrument :  
MSVOA\_D  
ClientSampleId :

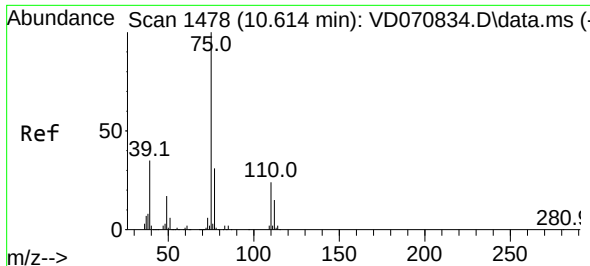
Tgt Ion: 43 Resp: 53352  
Ion Ratio Lower Upper  
43 100  
58 39.2 33.1 49.7



#52  
Toluene  
Concen: 4.468 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 92 Resp: 51468  
Ion Ratio Lower Upper  
92 100  
91 182.1 140.7 211.1

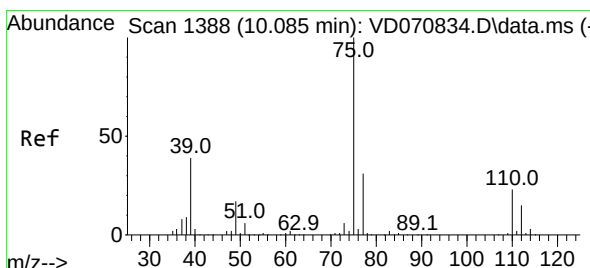
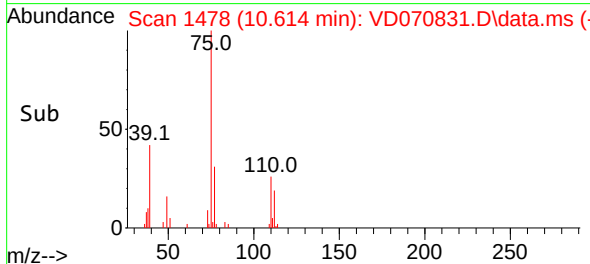
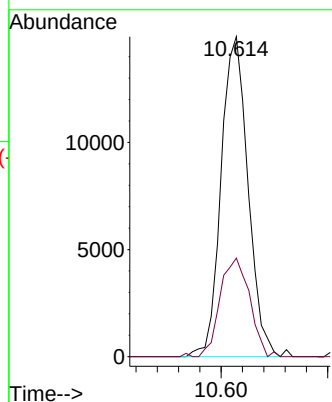
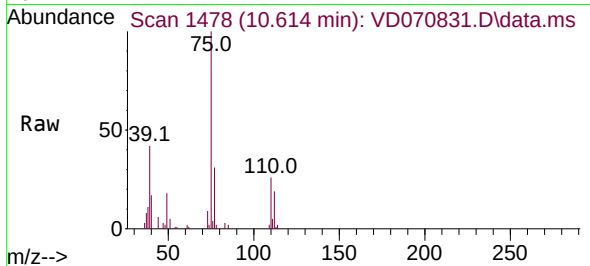




#53  
t-1,3-Dichloropropene  
Concen: 4.660 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

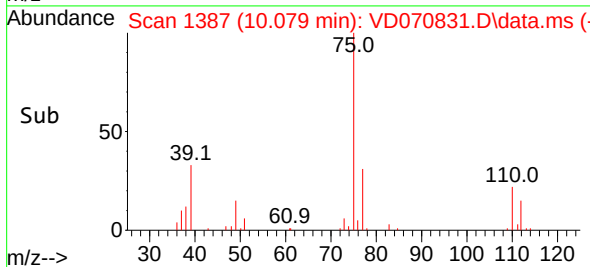
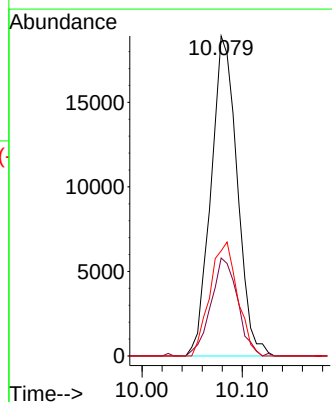
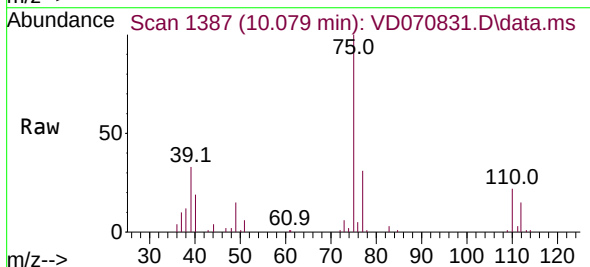
Instrument :  
MSVOA\_D  
ClientSampleId :

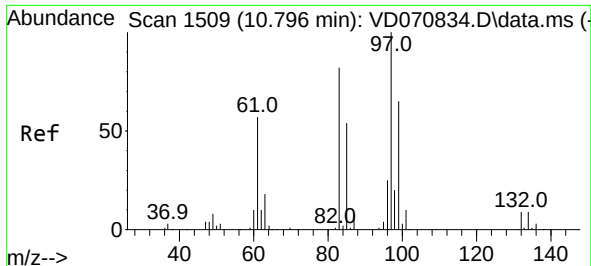
Tgt Ion: 75 Resp: 26159  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 4.962 ug/l  
RT: 10.079 min Scan# 1387  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

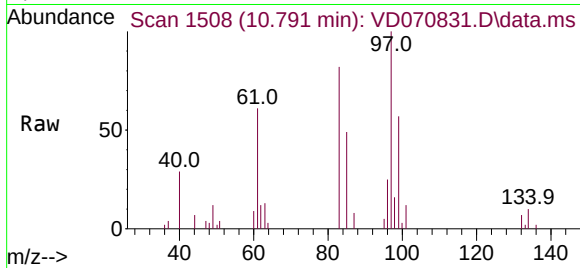
Tgt Ion: 75 Resp: 34385  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.0 37.6  
39 32.9 31.6 47.4



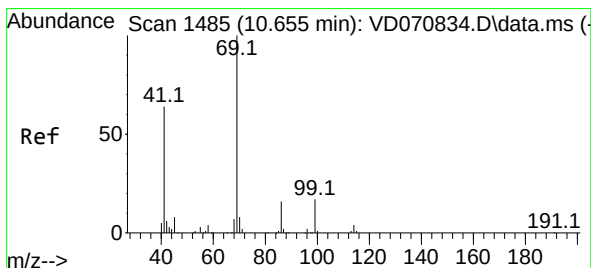
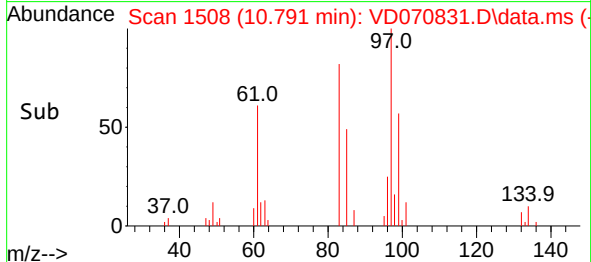
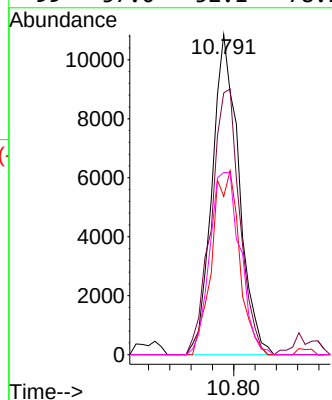


#55  
1,1,2-Trichloroethane  
Concen: 5.368 ug/l  
RT: 10.791 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Instrument :  
MSVOA\_D  
ClientSampleId :

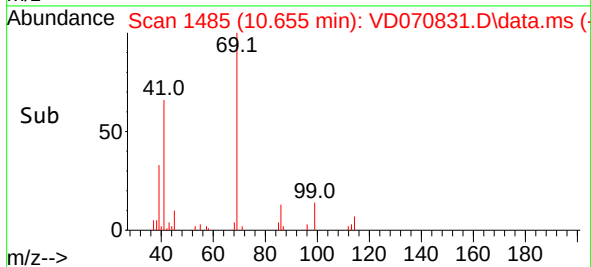
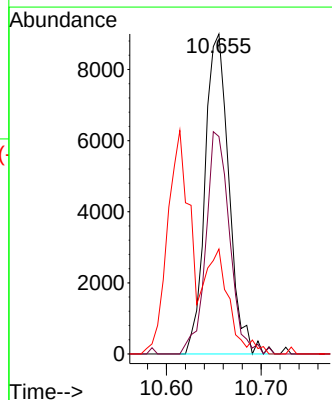
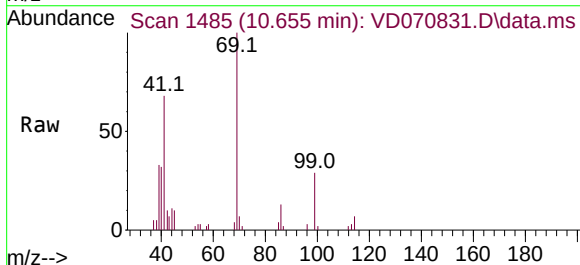


|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 18967 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 81.8     | 65.2 97.8   |
| 85 49.4     | 43.4 65.0   |
| 99 57.0     | 52.1 78.1   |

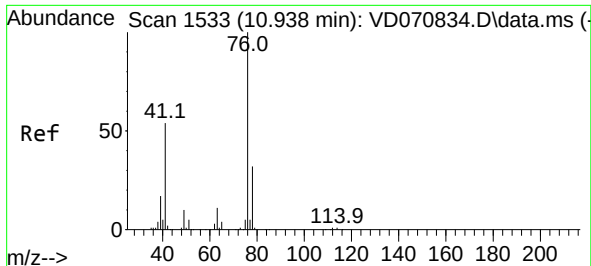


#56  
Ethyl methacrylate  
Concen: 4.059 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 15752 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 69.5     | 50.2 75.2   |
| 39 29.6     | 19.8 29.8   |







#57

1,3-Dichloropropane

Concen: 4.905 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

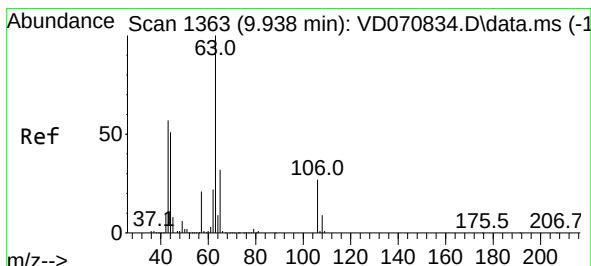
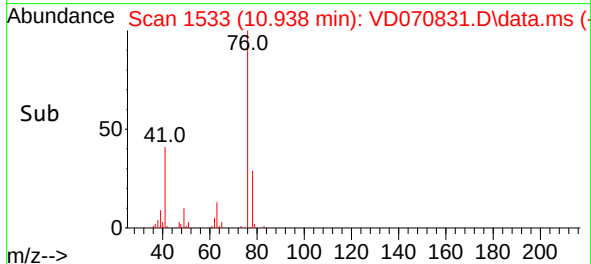
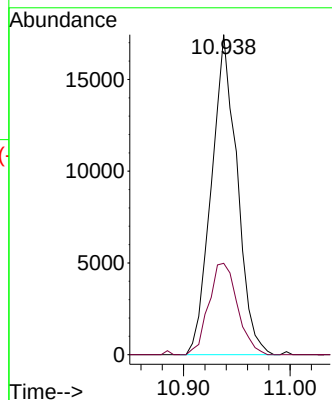
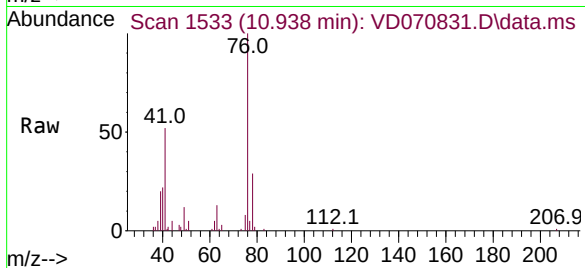
ClientSampleId :

Tgt Ion: 76 Resp: 29202

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.742 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD070831.D

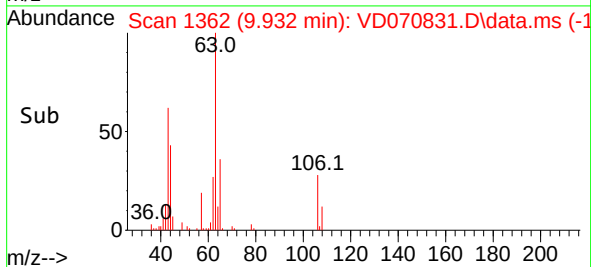
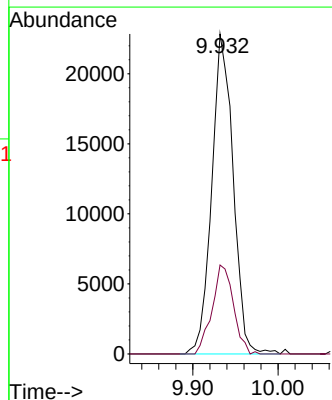
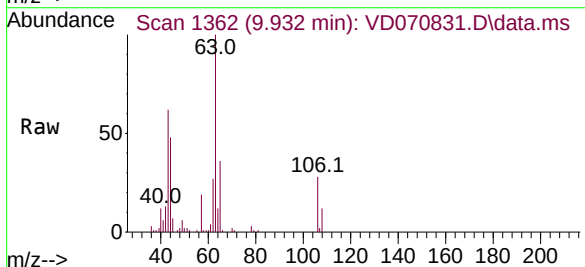
Acq: 26 Oct 2021 10:02

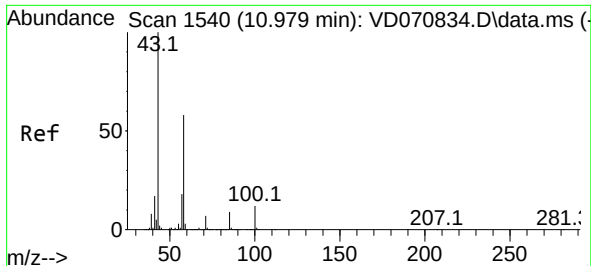
Tgt Ion: 63 Resp: 39881

Ion Ratio Lower Upper

63 100

106 27.7 21.0 31.4

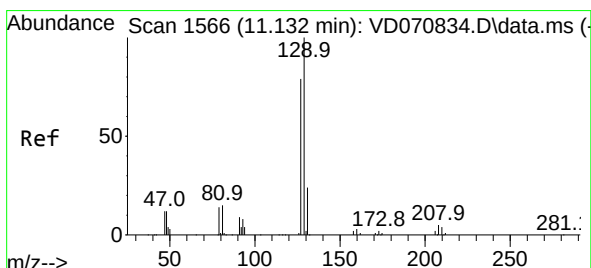
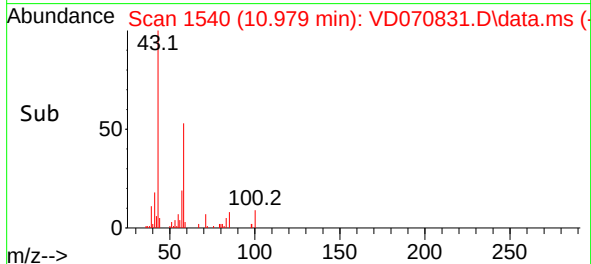
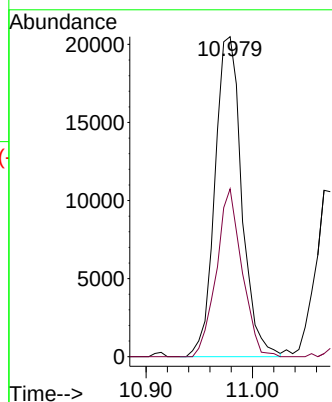
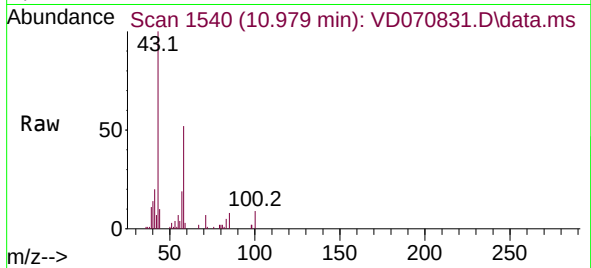




#59  
2-Hexanone  
Concen: 21.012 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

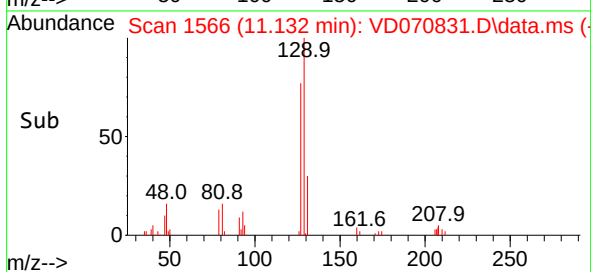
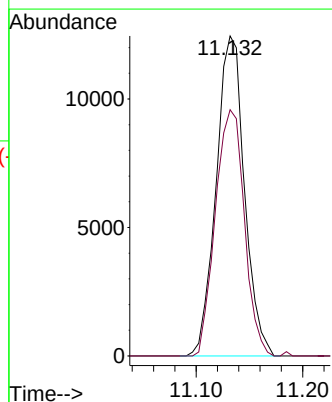
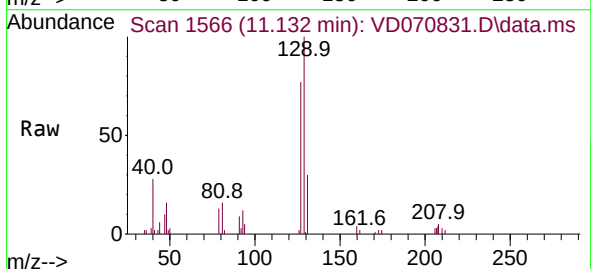
Instrument :  
MSVOA\_D  
ClientSampleId :

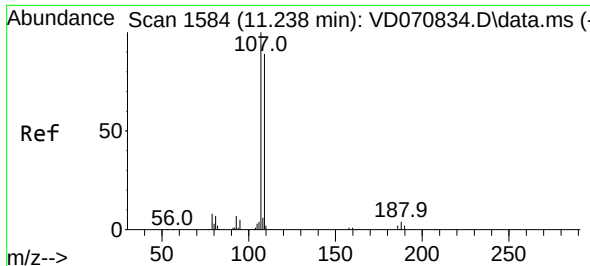
Tgt Ion: 43 Resp: 35838  
Ion Ratio Lower Upper  
43 100  
58 50.0 28.7 86.1



#60  
Dibromochloromethane  
Concen: 5.421 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 129 Resp: 22982  
Ion Ratio Lower Upper  
129 100  
127 78.7 38.9 116.6

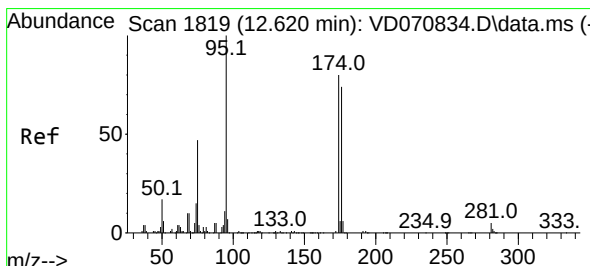
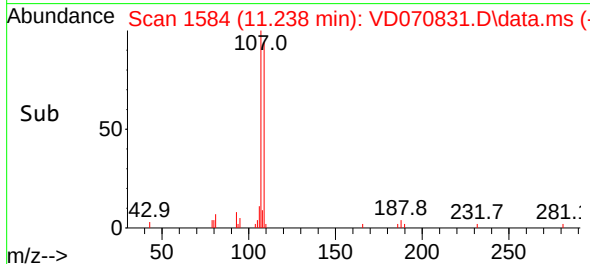
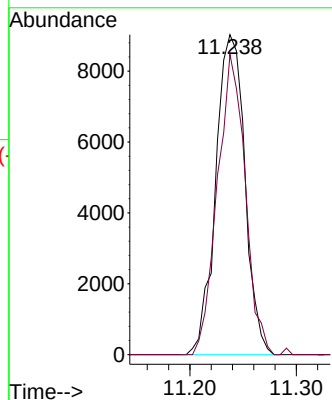
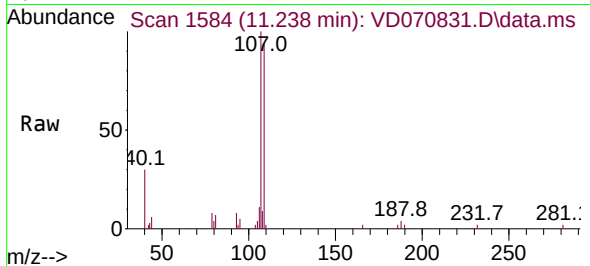




#61  
1,2-Dibromoethane  
Concen: 5.246 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

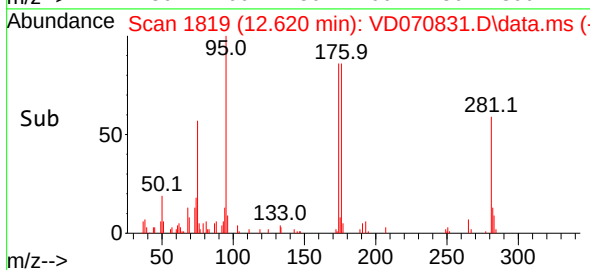
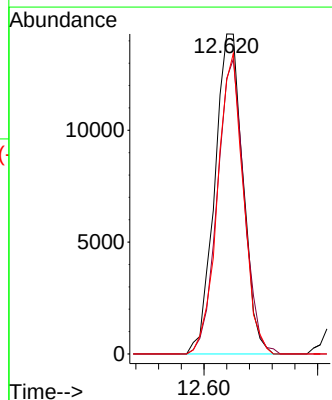
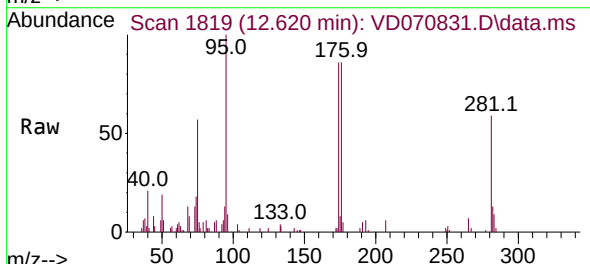
Instrument :  
MSVOA\_D  
ClientSampleId :

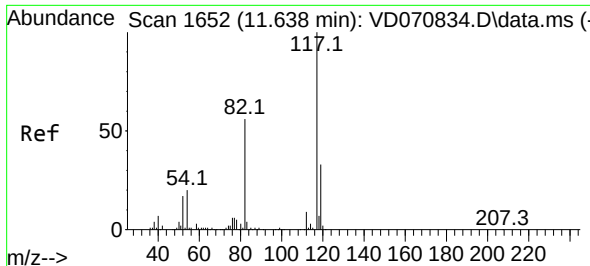
Tgt Ion:107 Resp: 17109  
Ion Ratio Lower Upper  
107 100  
109 89.5 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 4.783 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 95 Resp: 24666  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 159.4  
176 85.5 0.0 154.0

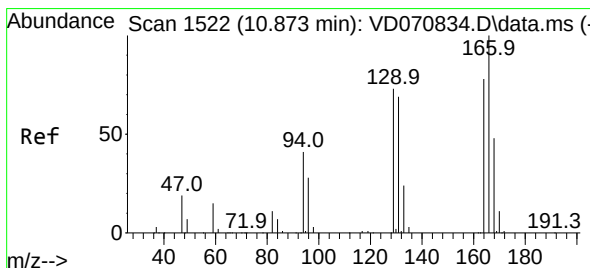
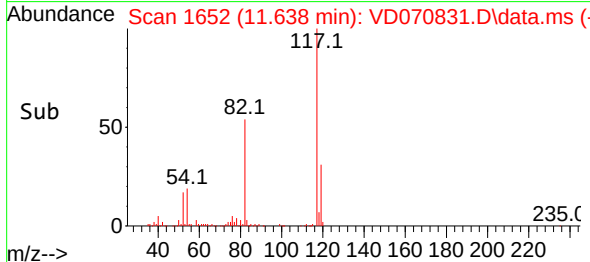
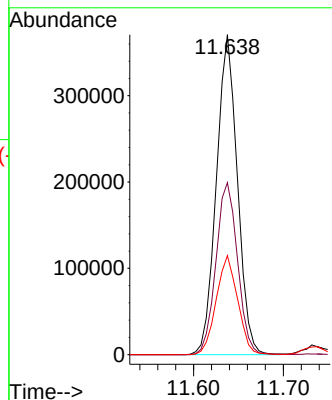
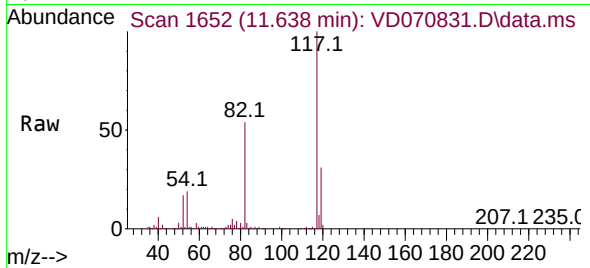




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

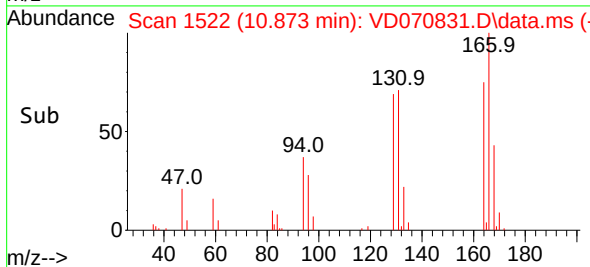
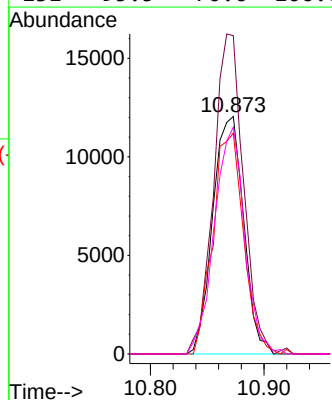
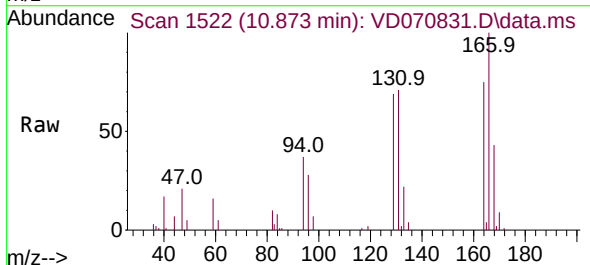
Instrument :  
MSVOA\_D  
ClientSampleId :

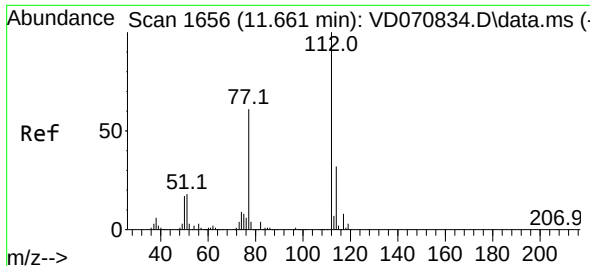
Tgt Ion:117 Resp: 603609  
Ion Ratio Lower Upper  
117 100  
82 53.8 44.7 67.1  
119 30.9 26.2 39.4



#64  
Tetrachloroethene  
Concen: 5.495 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion:164 Resp: 22758  
Ion Ratio Lower Upper  
164 100  
166 134.0 102.6 153.8  
129 92.9 75.4 113.0  
131 95.5 70.6 106.0

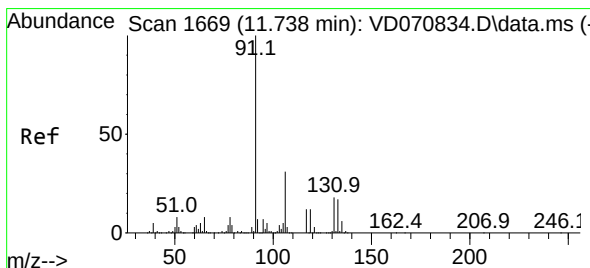
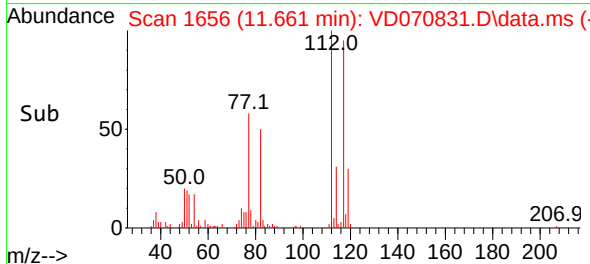
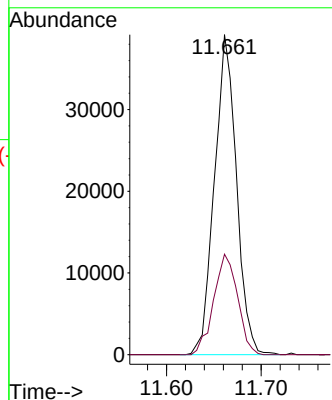
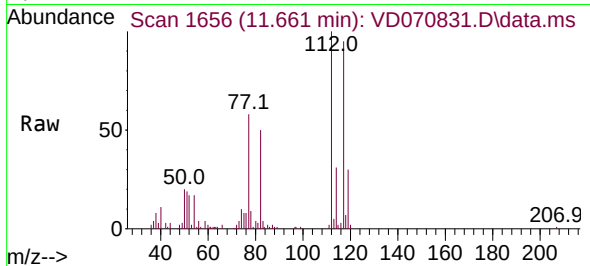




#65  
Chlorobenzene  
Concen: 5.107 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

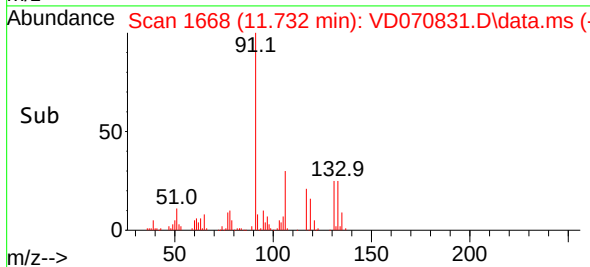
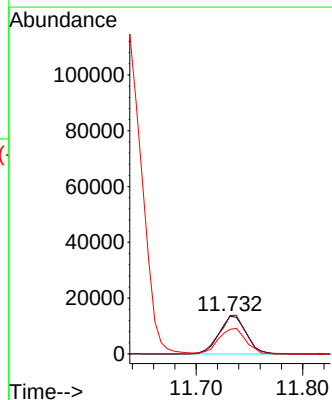
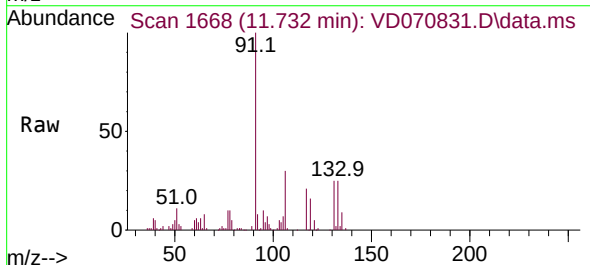
Instrument :  
MSVOA\_D  
ClientSampleId :

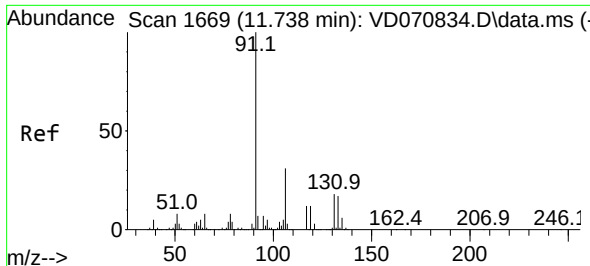
Tgt Ion:112 Resp: 63247  
Ion Ratio Lower Upper  
112 100  
114 31.4 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.196 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion:131 Resp: 23869  
Ion Ratio Lower Upper  
131 100  
133 101.2 48.0 144.0  
119 67.5 33.5 100.4





#67

Ethyl Benzene

Concen: 4.589 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

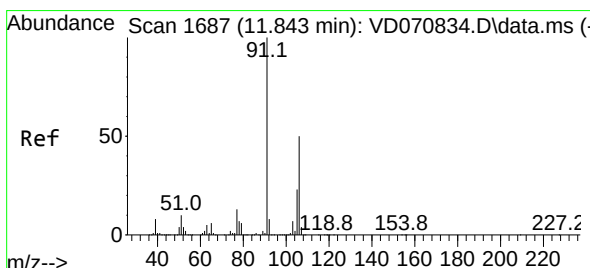
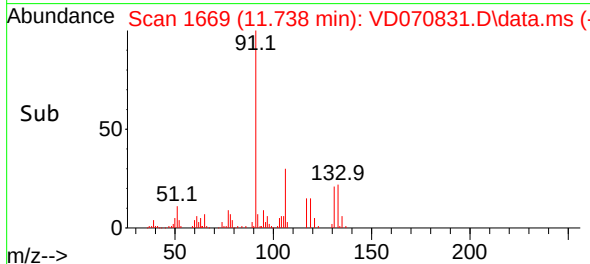
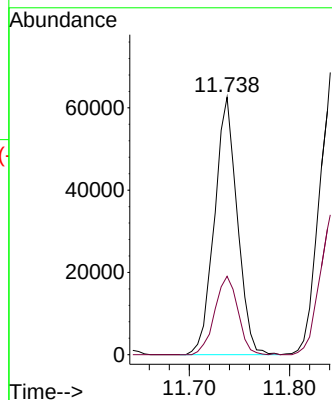
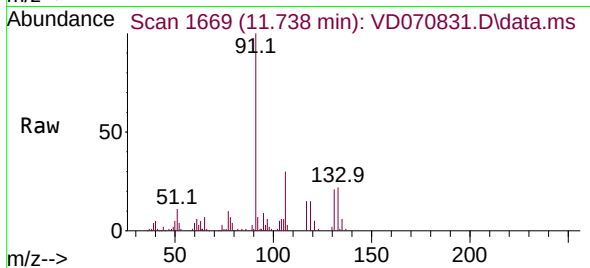
ClientSampleId :

Tgt Ion: 91 Resp: 98964

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 8.660 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD070831.D

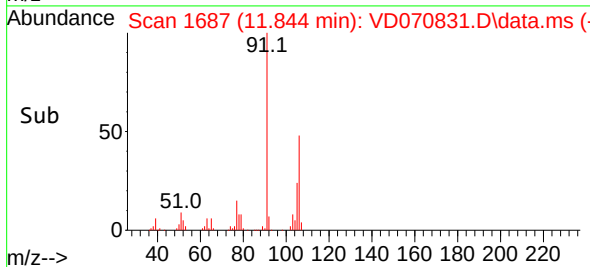
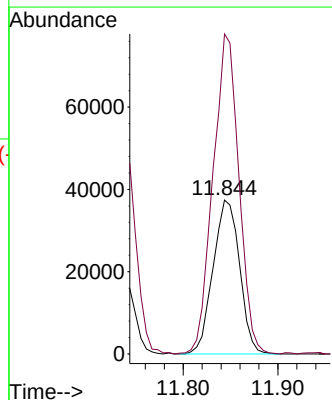
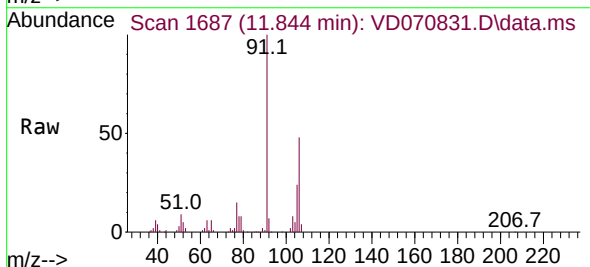
Acq: 26 Oct 2021 10:02

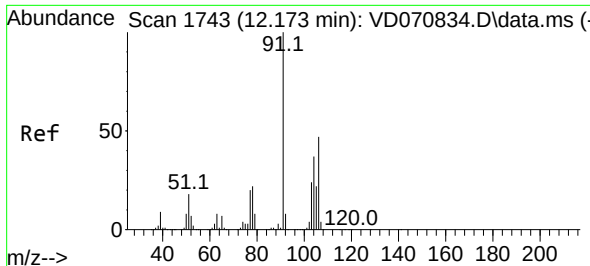
Tgt Ion: 106 Resp: 72720

Ion Ratio Lower Upper

106 100

91 203.5 160.1 240.1

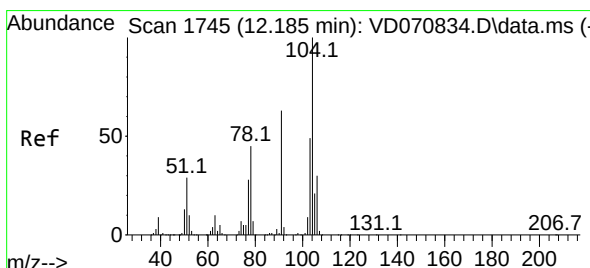
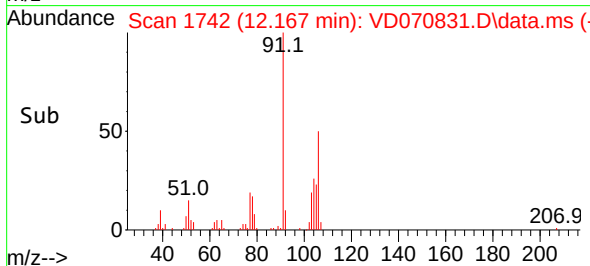
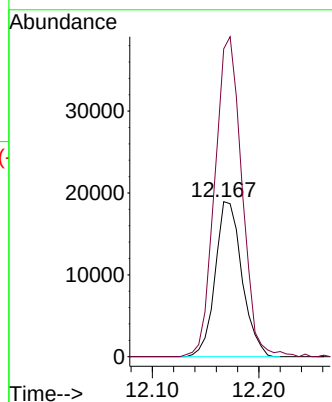
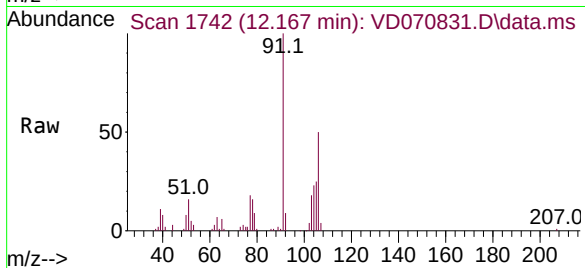




#69  
o-Xylene  
Concen: 4.332 ug/l  
RT: 12.167 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

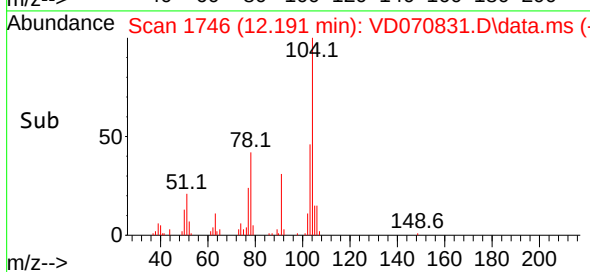
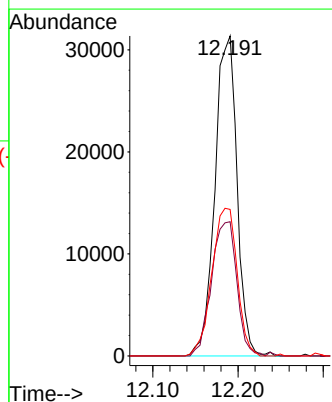
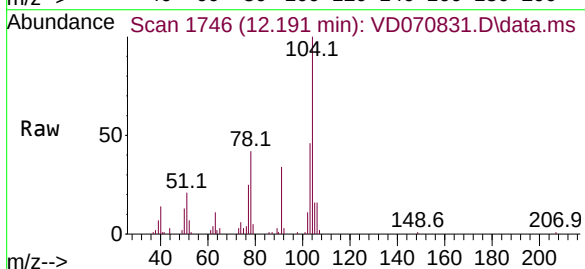
Instrument :  
MSVOA\_D  
ClientSampleId :

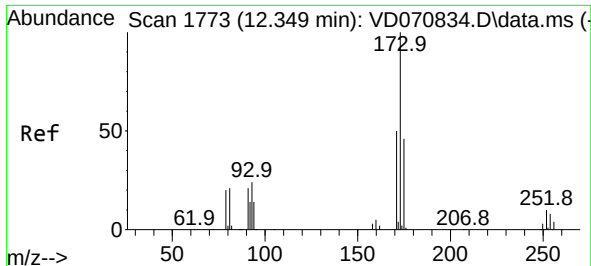
Tgt Ion:106 Resp: 32943  
Ion Ratio Lower Upper  
106 100  
91 209.5 106.3 319.0



#70  
Styrene  
Concen: 4.288 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion:104 Resp: 56480  
Ion Ratio Lower Upper  
104 100  
78 48.0 39.4 59.0  
103 52.8 43.4 65.0

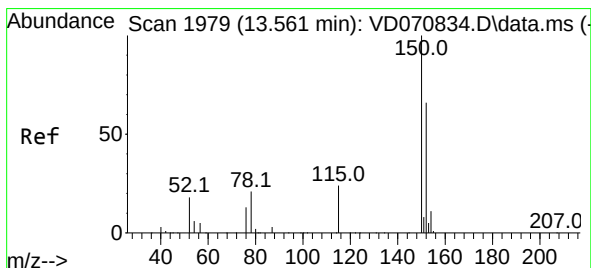
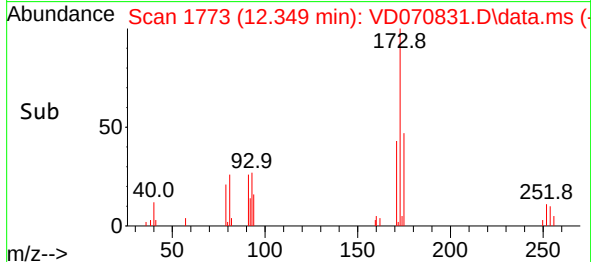
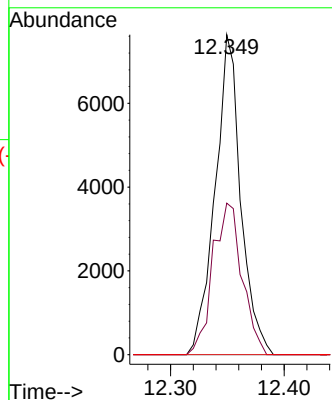
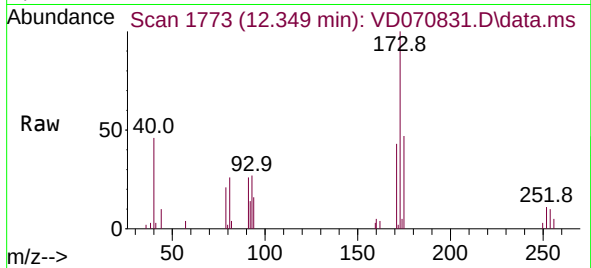




#71  
Bromoform  
Concen: 4.937 ug/l  
RT: 12.349 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

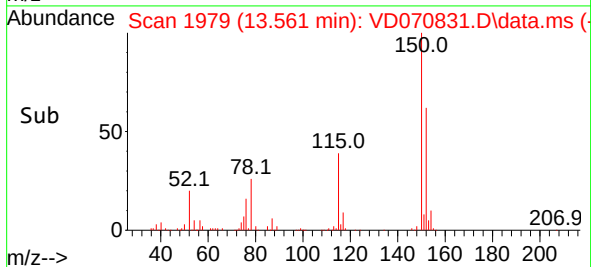
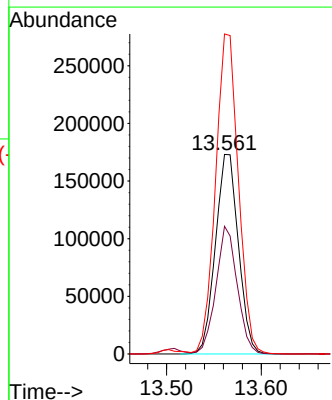
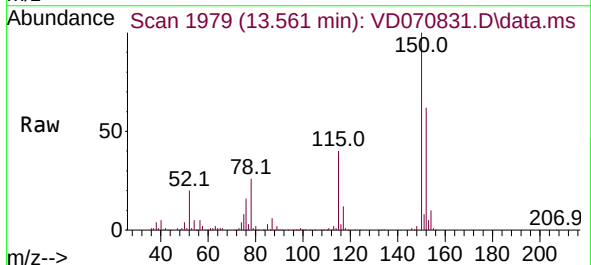
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:173 Resp: 11985  
Ion Ratio Lower Upper  
173 100  
175 54.0 24.1 72.2  
254 0.0 0.1 0.1#

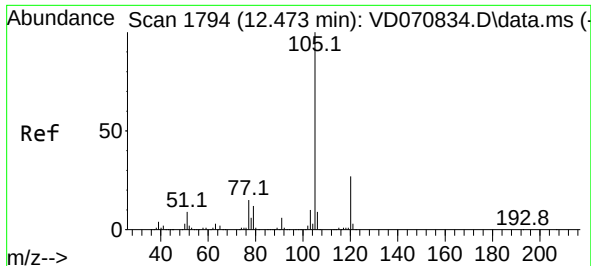


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion:152 Resp: 291385  
Ion Ratio Lower Upper  
152 100  
115 59.5 29.8 89.3  
150 159.6 0.0 349.2



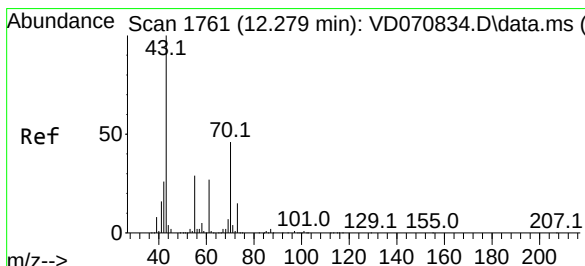
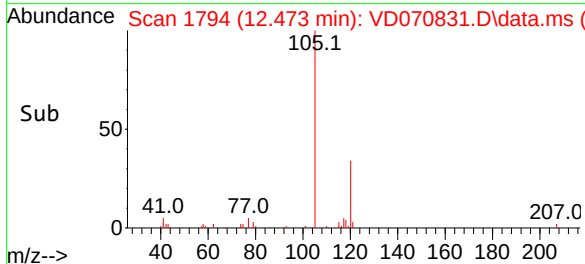
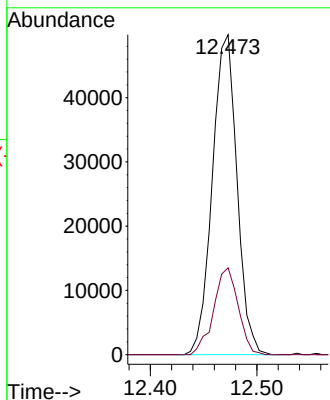
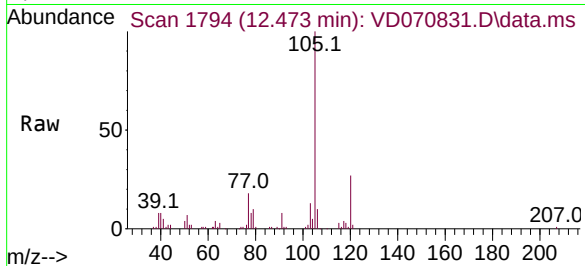




#73  
Isopropylbenzene  
Concen: 4.116 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

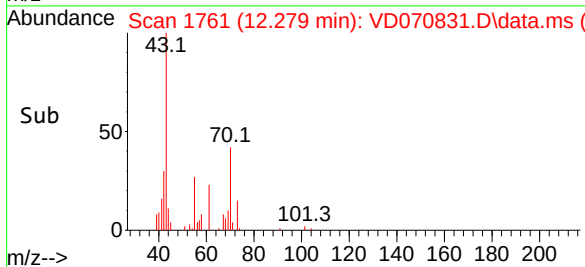
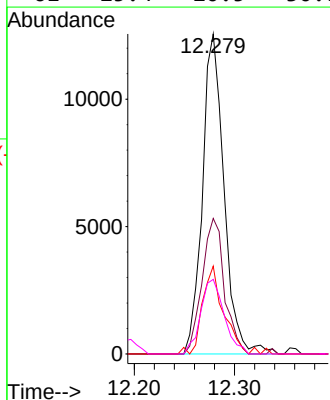
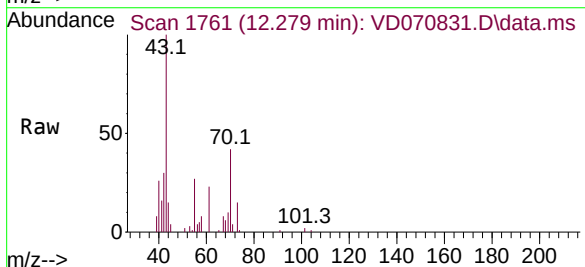
Instrument :  
MSVOA\_D  
ClientSampleId :

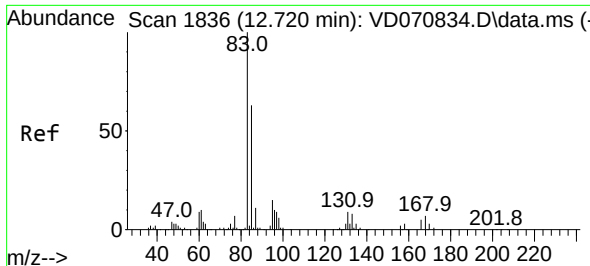
Tgt Ion:105 Resp: 79989  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.2 39.5



#74  
N-ethyl acetate  
Concen: 4.412 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 43 Resp: 18860  
Ion Ratio Lower Upper  
43 100  
70 43.7 36.6 55.0  
55 26.5 22.5 33.7  
61 25.4 20.5 30.7

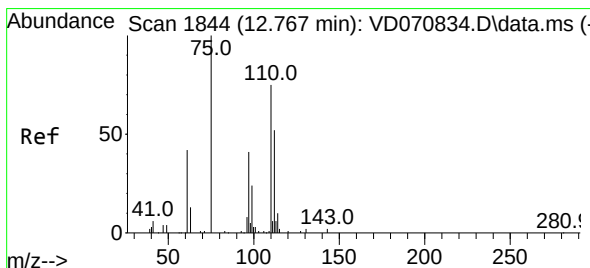
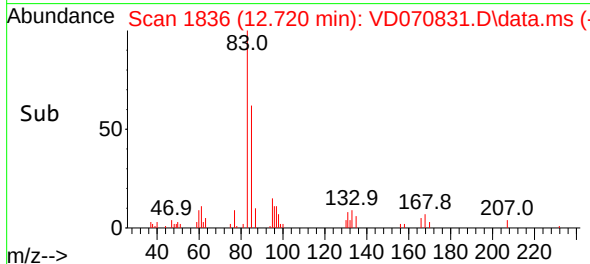
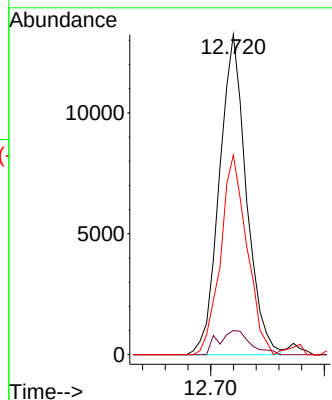
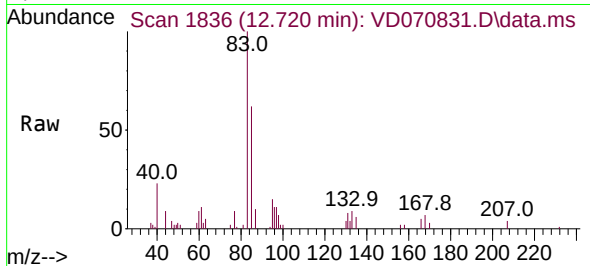




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.496 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

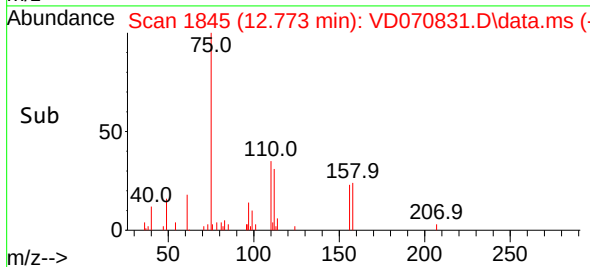
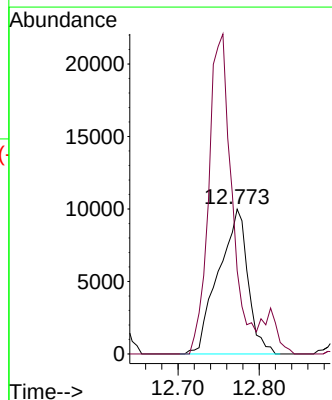
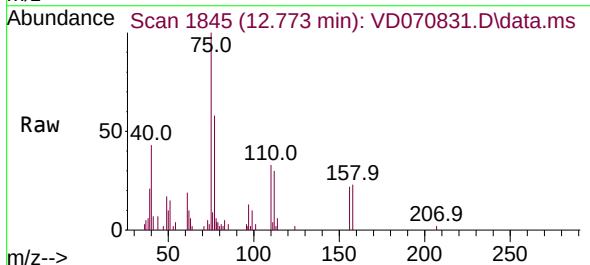
Instrument :  
MSVOA\_D  
ClientSampleId :

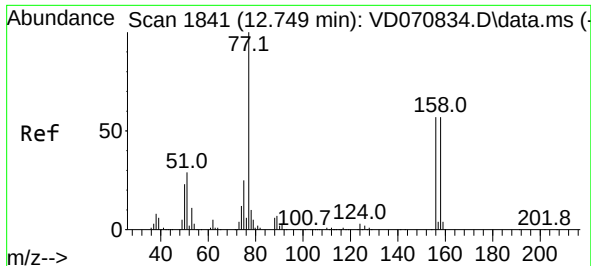
Tgt Ion: 83 Resp: 21797  
Ion Ratio Lower Upper  
83 100  
131 8.9 4.9 14.7  
85 61.3 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 8.764 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 75 Resp: 25139  
Ion Ratio Lower Upper  
75 100  
77 174.1 158.4 475.3

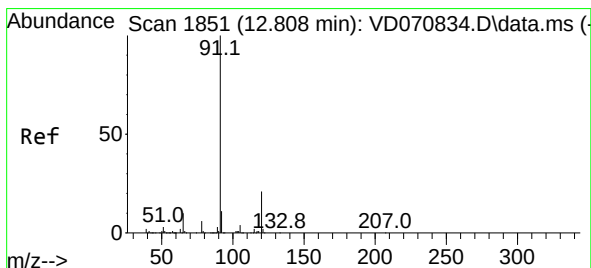
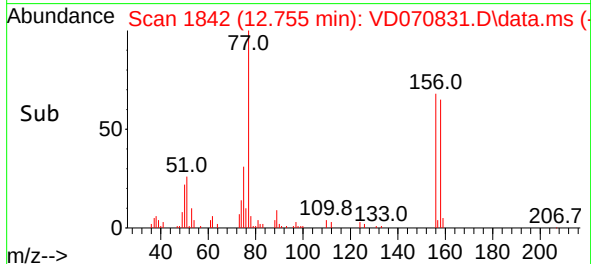
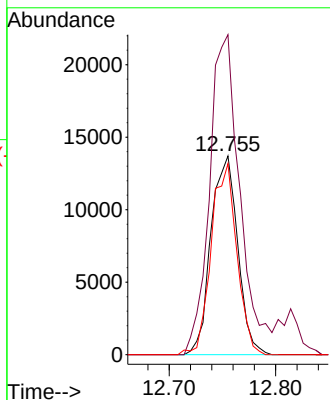
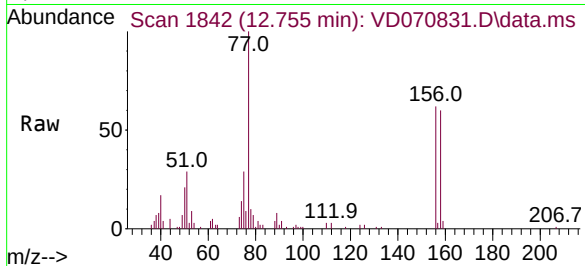




#77  
Bromobenzene  
Concen: 5.053 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

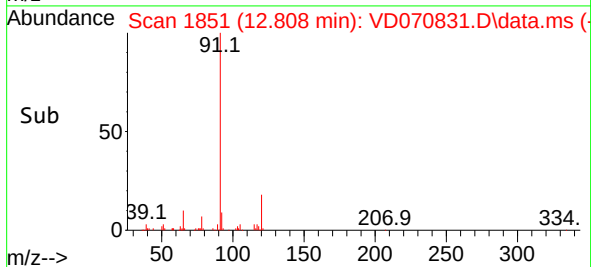
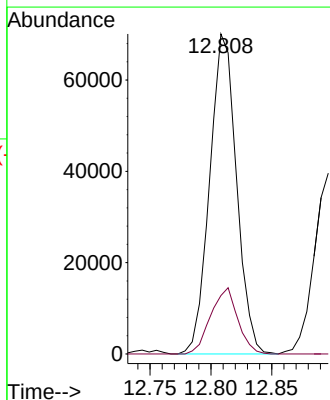
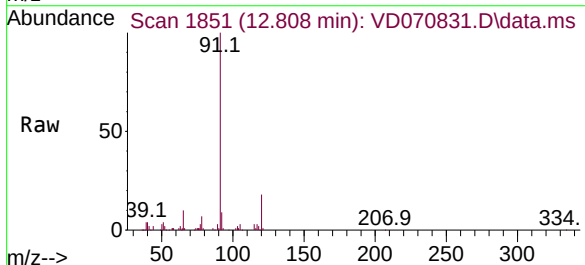
Instrument :  
MSVOA\_D  
ClientSampleId :

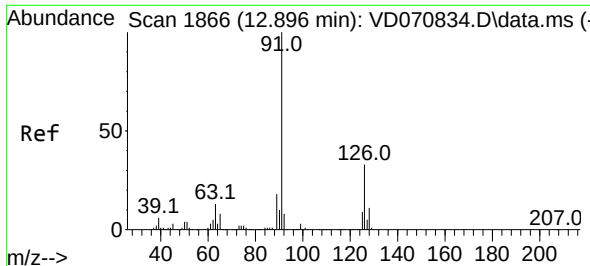
Tgt Ion:156 Resp: 23927  
Ion Ratio Lower Upper  
156 100  
77 182.9 96.6 289.8  
158 91.9 49.1 147.4



#78  
n-propylbenzene  
Concen: 4.307 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 91 Resp: 107445  
Ion Ratio Lower Upper  
91 100  
120 20.8 10.9 32.9

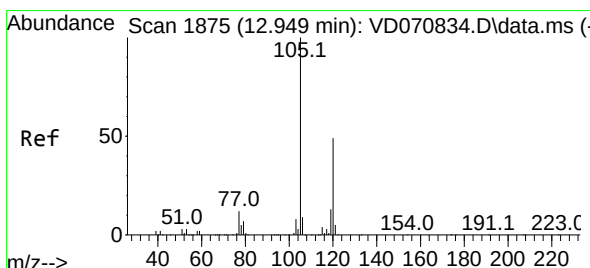
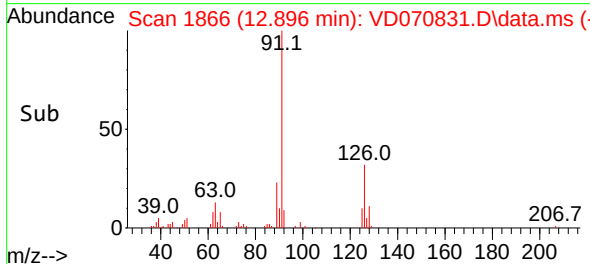
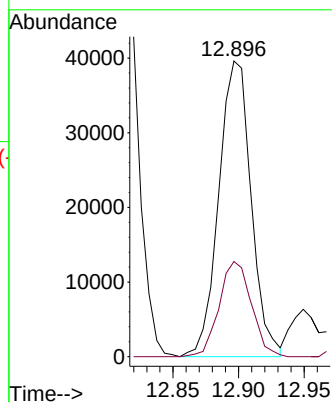
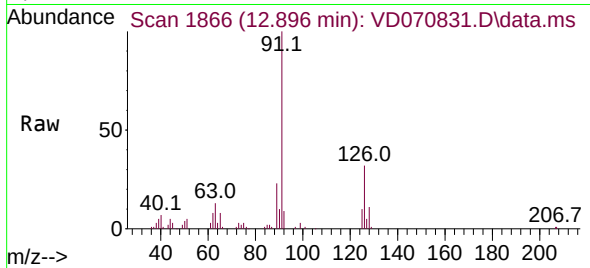




#79  
2-Chlorotoluene  
Concen: 4.695 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

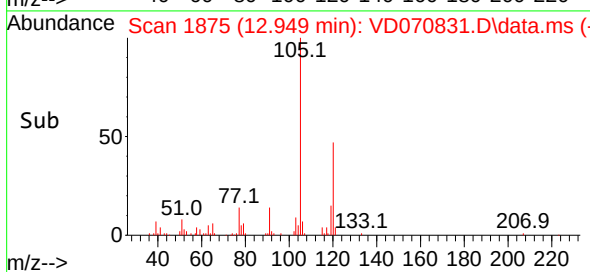
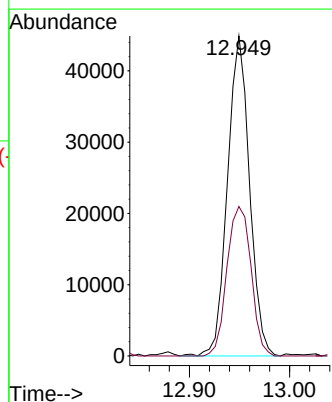
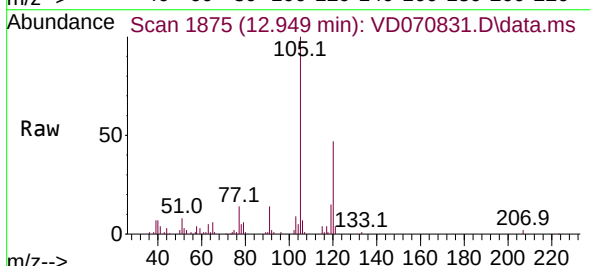
Instrument :  
MSVOA\_D  
ClientSampleId :

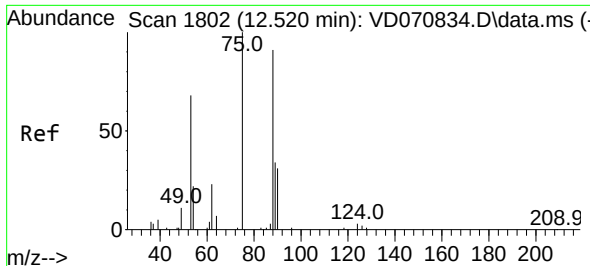
Tgt Ion: 91 Resp: 68009  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 4.147 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 105 Resp: 68397  
Ion Ratio Lower Upper  
105 100  
120 51.0 24.6 73.8

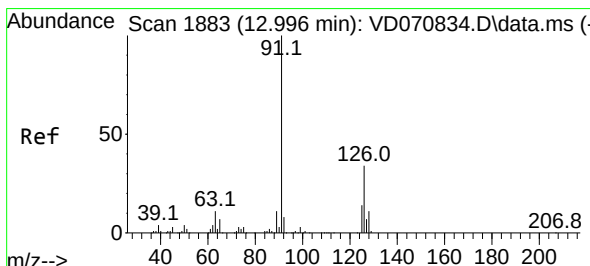
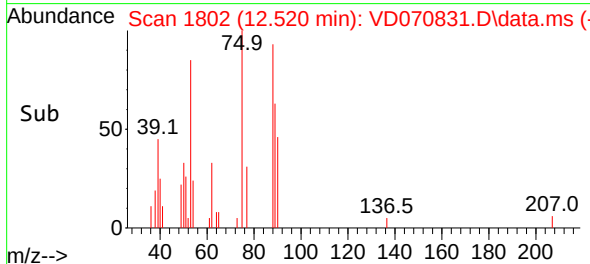
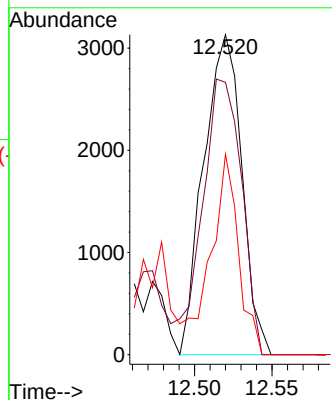
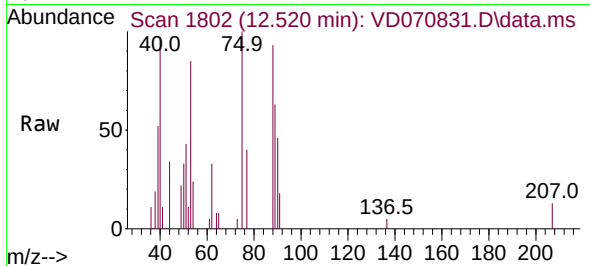




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.901 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

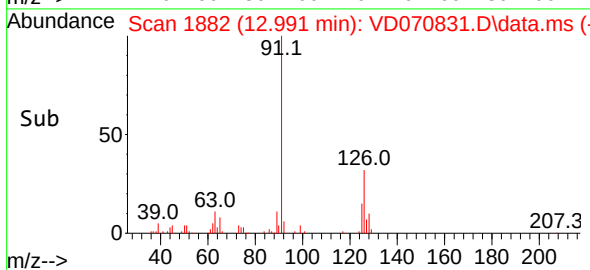
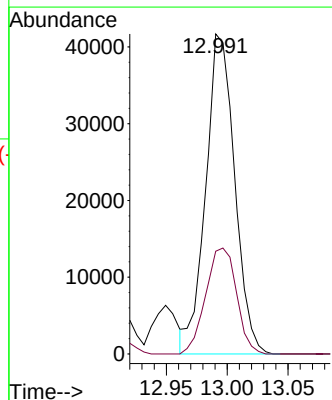
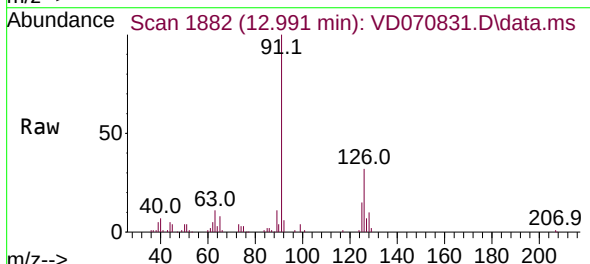
Instrument :  
MSVOA\_D  
ClientSampleId :

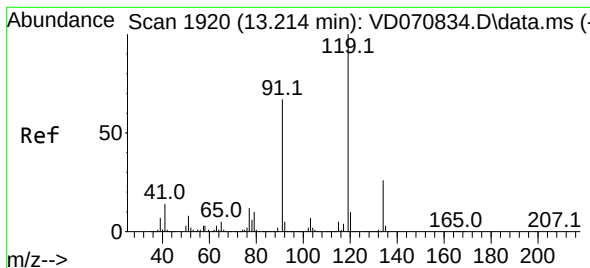
Tgt Ion: 75 Resp: 5356  
Ion Ratio Lower Upper  
75 100  
53 89.1 62.6 94.0  
89 45.9 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 4.584 ug/l  
RT: 12.991 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion: 91 Resp: 69010  
Ion Ratio Lower Upper  
91 100  
126 35.2 16.4 49.1





#83

tert-Butylbenzene

Concen: 4.296 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD070831.D

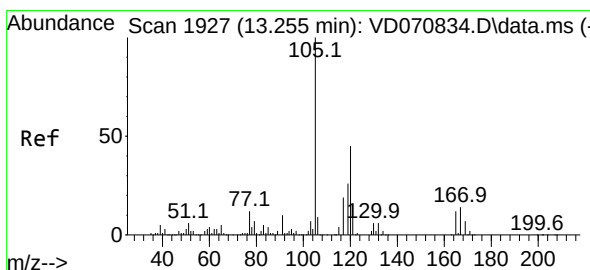
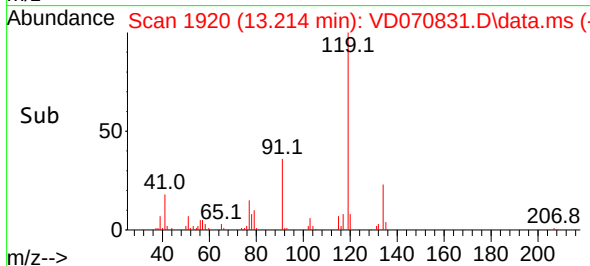
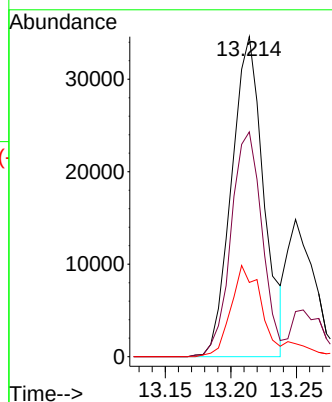
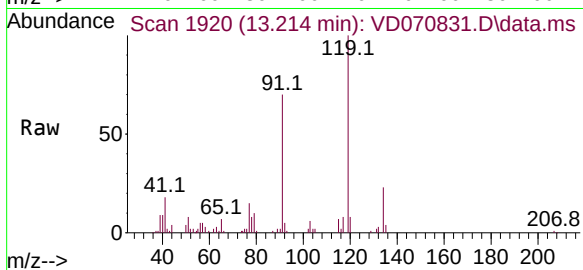
Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:119 | Resp: | 59084     |
| Ion Ratio   | Lower | Upper     |
| 119         | 100   |           |
| 91          | 68.0  | 32.5 97.5 |
| 134         | 26.6  | 13.2 39.6 |



#84

1,2,4-Trimethylbenzene

Concen: 4.096 ug/l

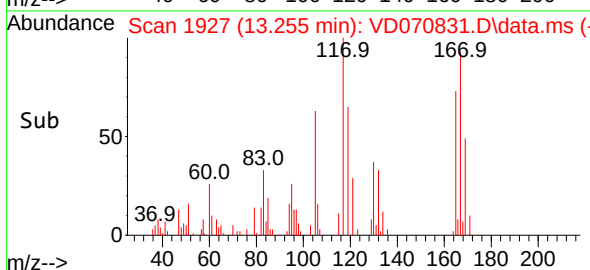
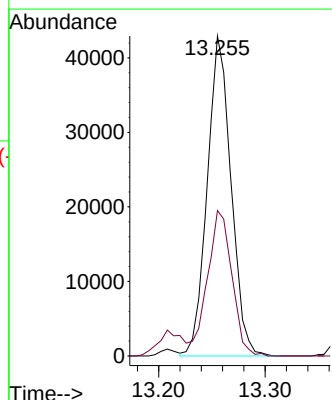
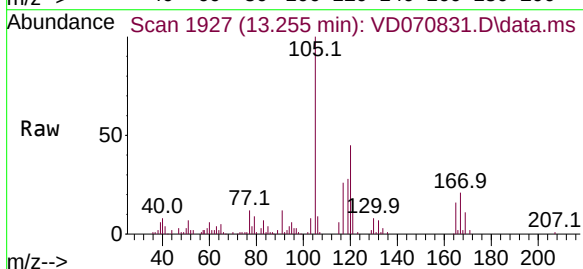
RT: 13.255 min Scan# 1927

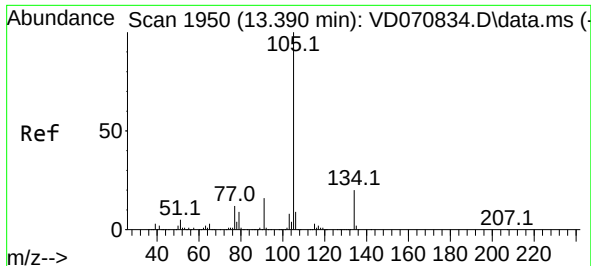
Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 66612     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 46.9  | 22.9 68.7 |

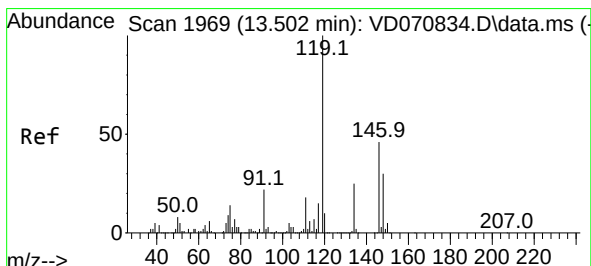
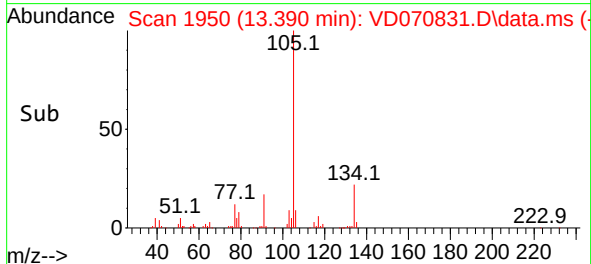
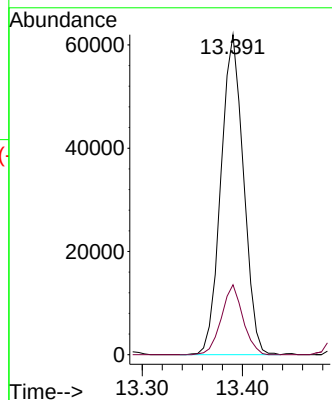
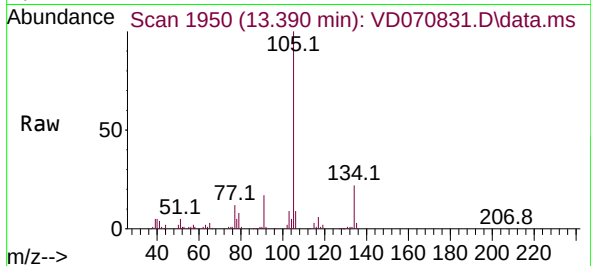




#85  
 sec-Butylbenzene  
 Concen: 4.458 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

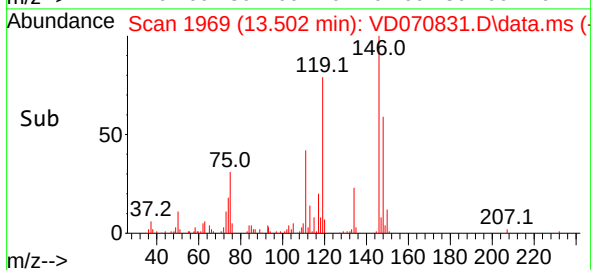
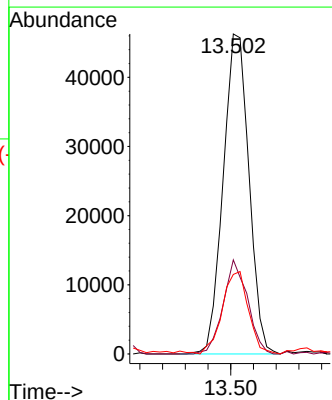
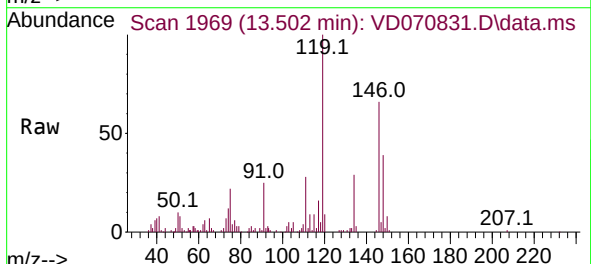
Instrument :  
 MSVOA\_D  
 ClientSampleId :

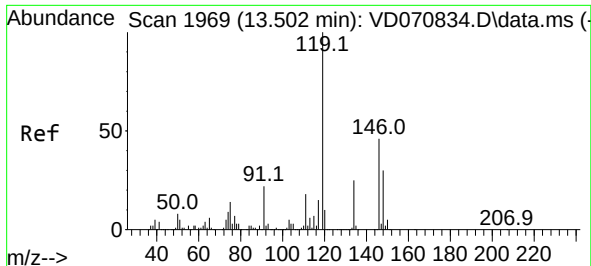
Tgt Ion:105 Resp: 96722  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 4.176 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

Tgt Ion:119 Resp: 72891  
 Ion Ratio Lower Upper  
 119 100  
 134 27.9 13.0 38.9  
 91 26.2 11.4 34.2

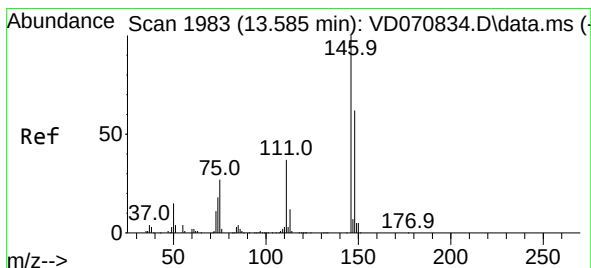
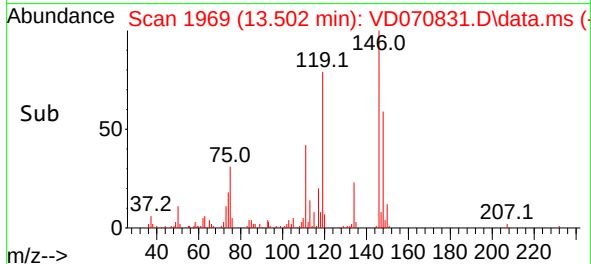
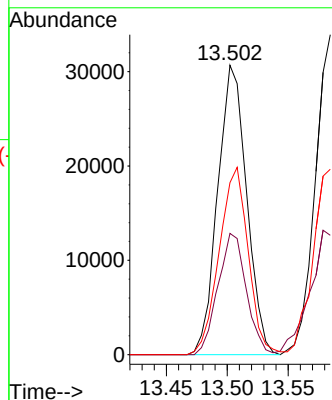
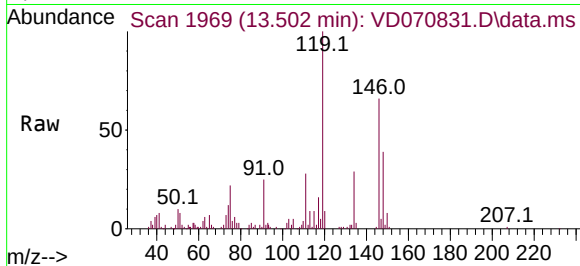




#87  
 1,3-Dichlorobenzene  
 Concen: 5.198 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

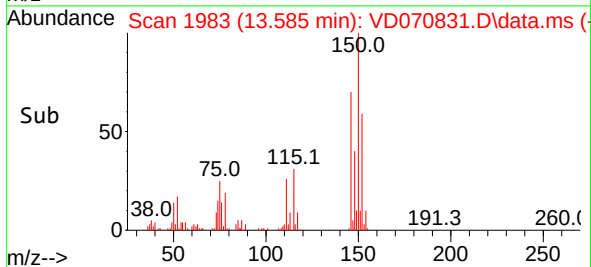
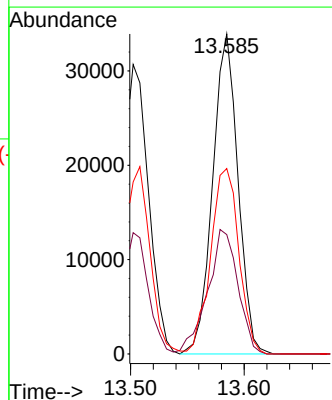
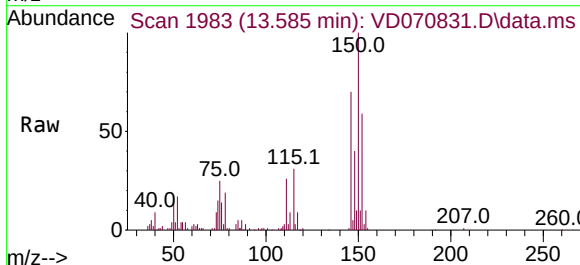
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:146 Resp: 50827  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 19.8 59.4  
 148 65.0 32.1 96.3

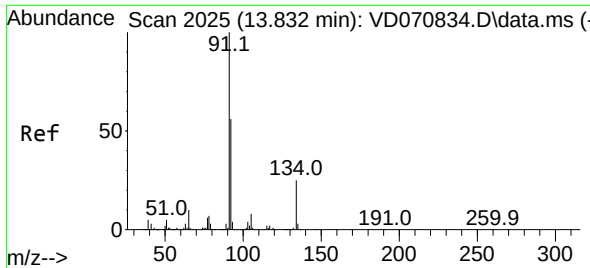


#88  
 1,4-Dichlorobenzene  
 Concen: 5.426 ug/l  
 RT: 13.585 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VD070831.D  
 Acq: 26 Oct 2021 10:02

Tgt Ion:146 Resp: 52620  
 Ion Ratio Lower Upper  
 146 100  
 111 46.5 19.6 58.8  
 148 64.7 31.5 94.5



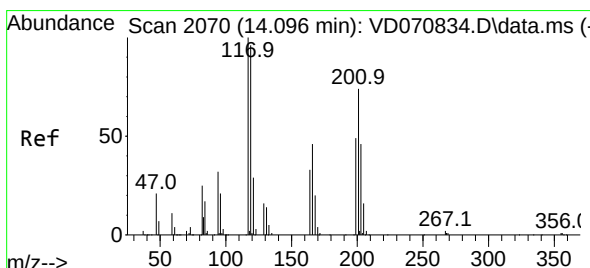
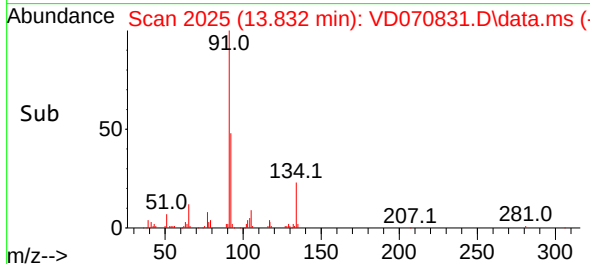
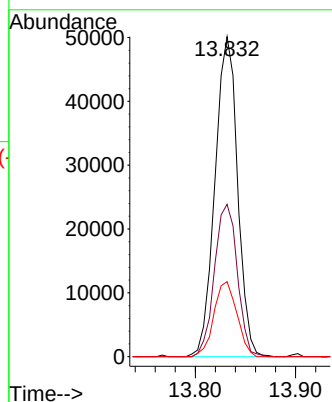
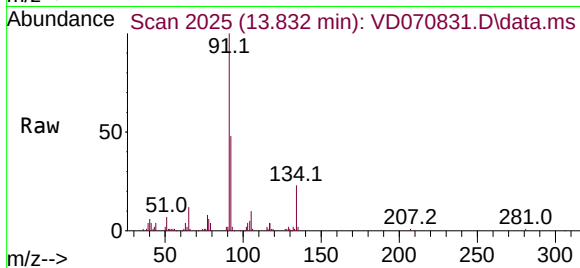




#89  
n-Butylbenzene  
Concen: 4.586 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

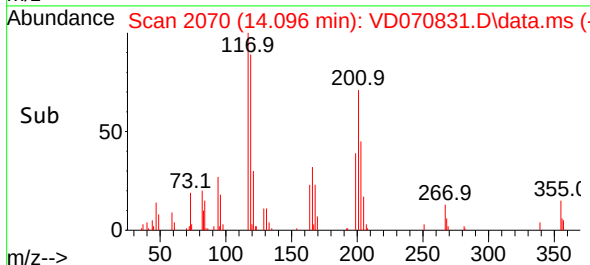
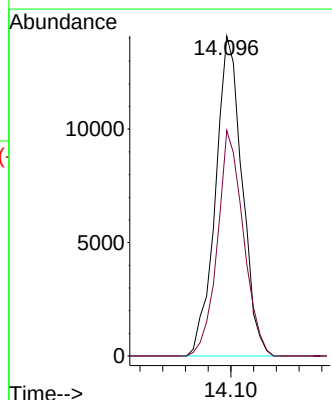
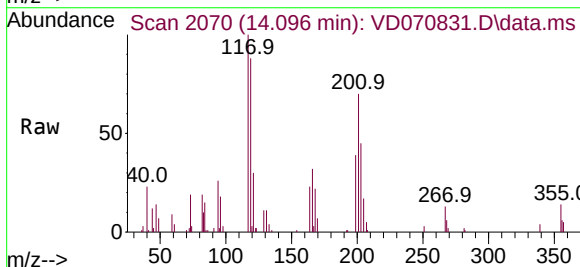
Instrument :  
MSVOA\_D  
ClientSampleId :

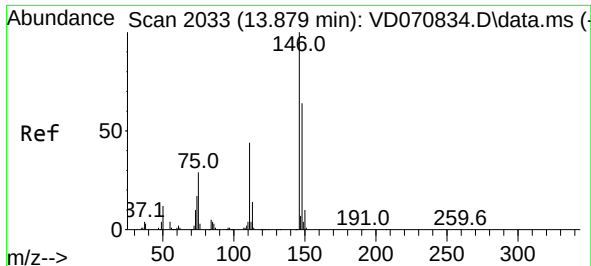
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 48.2  | 27.3  | 81.9  |
| 134     | 23.9  | 12.3  | 36.9  |



#90  
Hexachloroethane  
Concen: 5.864 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 68.8  | 36.0  | 108.1 |





#91

1,2-Dichlorobenzene

Concen: 5.101 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA\_D

ClientSampleId :

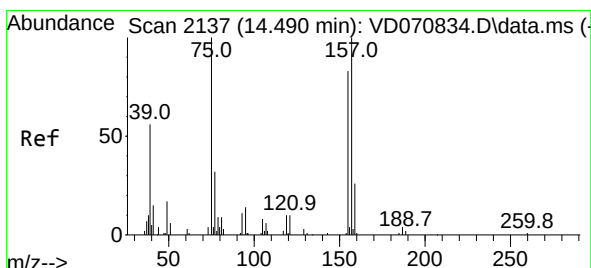
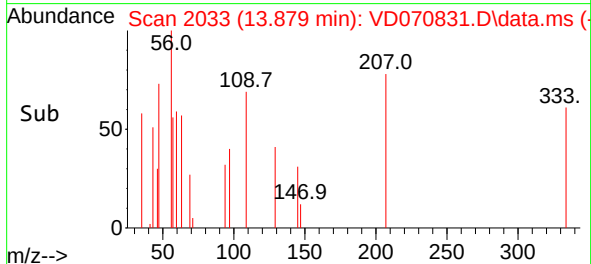
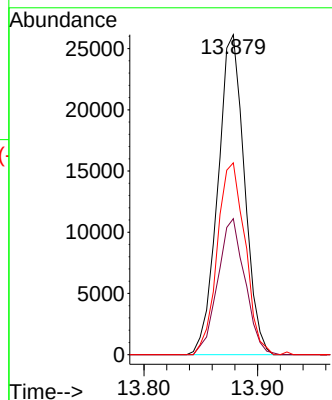
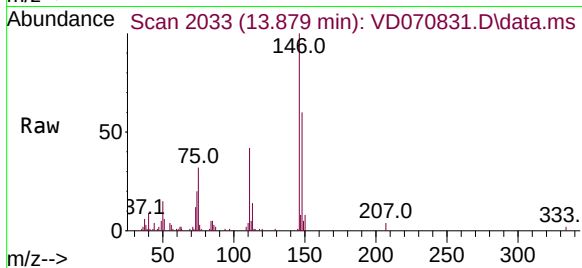
Tgt Ion:146 Resp: 42567

Ion Ratio Lower Upper

146 100

111 43.5 20.8 62.2

148 62.6 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.957 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

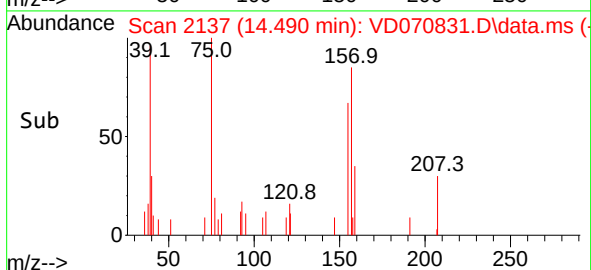
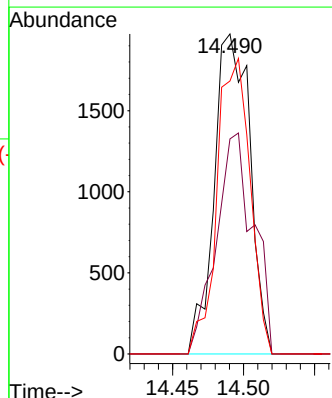
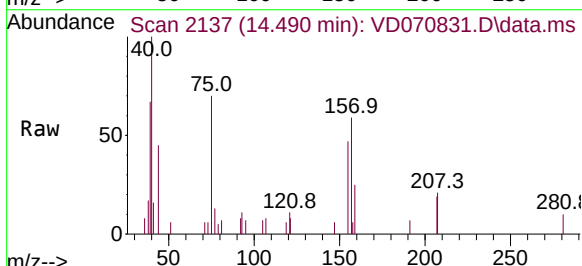
Tgt Ion: 75 Resp: 3442

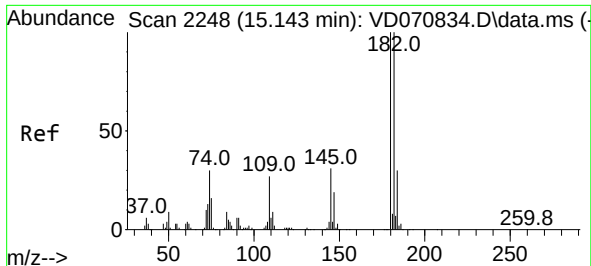
Ion Ratio Lower Upper

75 100

155 71.6 40.0 120.0

157 85.8 49.8 149.3

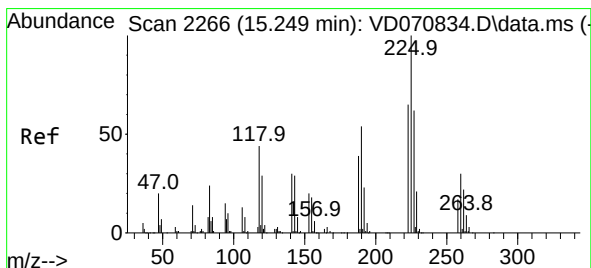
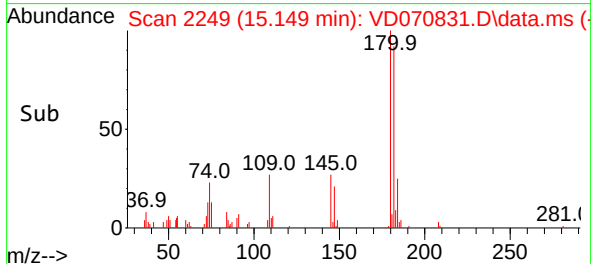
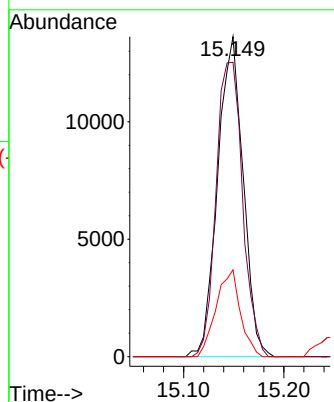
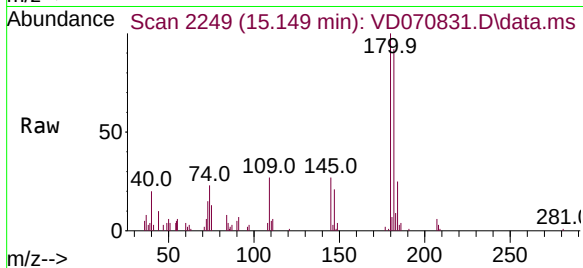




#93  
1,2,4-Trichlorobenzene  
Concen: 4.983 ug/l  
RT: 15.149 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

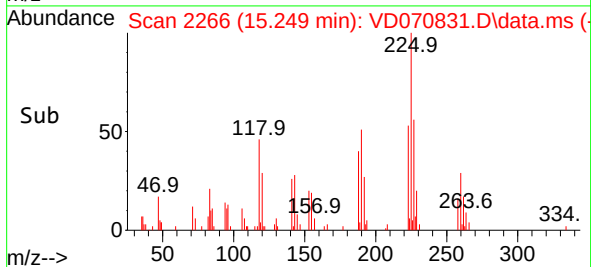
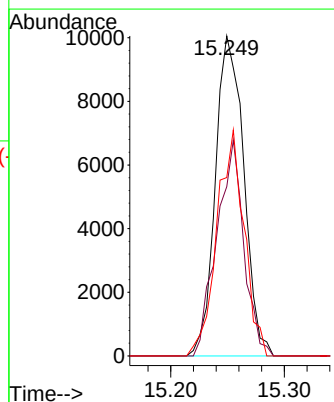
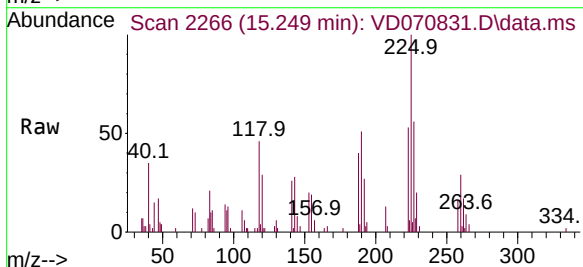
Instrument :  
MSVOA\_D  
ClientSampleId :

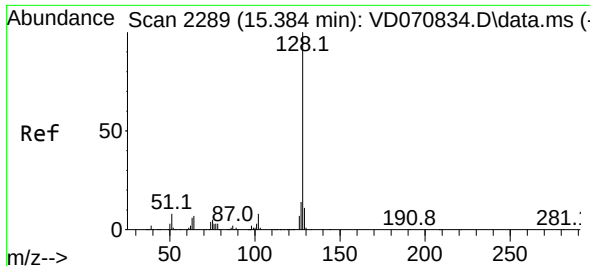
Tgt Ion:180 Resp: 24024  
Ion Ratio Lower Upper  
180 100  
182 95.6 48.2 144.6  
145 25.8 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 5.493 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion:225 Resp: 17450  
Ion Ratio Lower Upper  
225 100  
223 64.2 31.8 95.3  
227 67.7 31.6 94.8

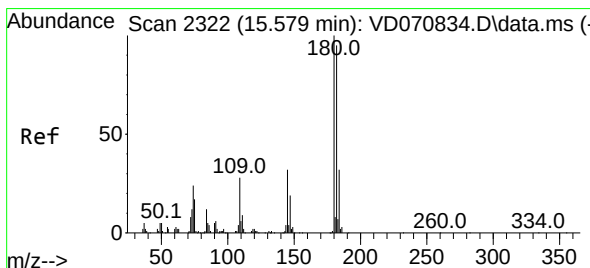
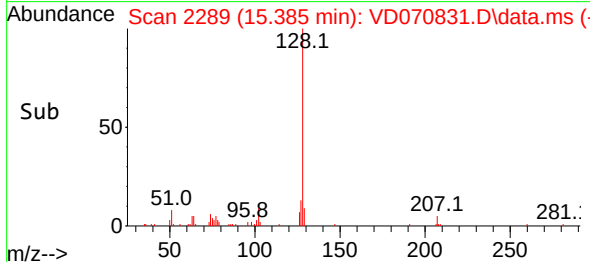
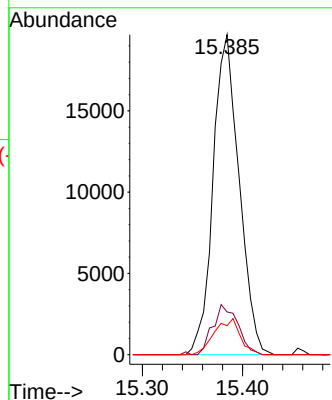
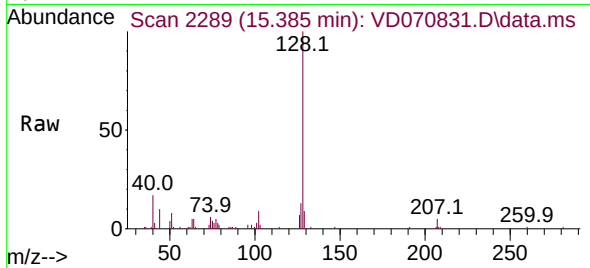




#95  
Naphthalene  
Concen: 4.370 ug/l  
RT: 15.385 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 35478  
Ion Ratio Lower Upper  
128 100  
127 15.0 10.7 16.1  
129 11.2 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 4.711 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VD070831.D  
Acq: 26 Oct 2021 10:02

Tgt Ion:180 Resp: 19737  
Ion Ratio Lower Upper  
180 100  
182 96.9 46.7 140.1  
145 37.3 15.9 47.6

