

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111822\  
 Data File : VD074987.D  
 Acq On : 18 Nov 2022 14:04  
 Operator : VA/SY  
 Sample : VD1118SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1118SBS01

Quant Time: Nov 18 22:05:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 14 00:51:58 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.881  | 168  | 131468   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.781  | 114  | 233806   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.587 | 117  | 213190   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.522 | 152  | 102227   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.234  | 65    | 50559    | 58.936   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 117.880% |      |
| 35) Dibromofluoromethane    | 7.810  | 113   | 63752    | 44.234   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 88.460%  |      |
| 50) Toluene-d8              | 10.269 | 98    | 230440   | 48.539   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 97.080%  |      |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 77169    | 52.935   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 105.860% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.934 | 85  | 22069  | 23.805  | ug/l   | 93  |
| 3) Chloromethane             | 2.146 | 50  | 34718  | 23.190  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.287 | 62  | 42688  | 23.157  | ug/l   | 100 |
| 5) Bromomethane              | 2.687 | 94  | 36248  | 25.705  | ug/l   | 99  |
| 6) Chloroethane              | 2.834 | 64  | 31729  | 23.439  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.175 | 101 | 49483  | 23.559  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.593 | 74  | 14518  | 24.108  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 3.975 | 101 | 31443  | 23.459  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.164 | 142 | 35194  | 24.742  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.058 | 59  | 8058   | 118.179 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.946 | 96  | 30392  | 23.278  | ug/l   | 91  |
| 13) Acrolein                 | 3.793 | 56  | 6128   | 156.581 | ug/l   | 100 |
| 14) Allyl chloride           | 4.569 | 41  | 34292  | 24.555  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.258 | 53  | 29566  | 125.634 | ug/l   | 96  |
| 16) Acetone                  | 4.022 | 43  | 25125  | 115.767 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.275 | 76  | 82378  | 22.180  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.564 | 43  | 16338  | 27.921  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.316 | 73  | 61148  | 23.394  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.805 | 84  | 60715  | 26.801  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.316 | 96  | 34790  | 23.498  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.216 | 45  | 75289  | 24.188  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.158 | 43  | 146933 | 109.984 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.111 | 63  | 57346  | 24.670  | ug/l   | 97  |
| 25) 2-Butanone               | 7.087 | 43  | 29290  | 103.204 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.075 | 77  | 43574  | 19.947  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.087 | 96  | 33523  | 20.410  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.434 | 49  | 16027  | 21.371  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.452 | 42  | 16413  | 104.479 | ug/l   | 95  |
| 30) Chloroform               | 7.599 | 83  | 54706  | 21.490  | ug/l   | 96  |
| 31) Cyclohexane              | 7.881 | 56  | 36099  | 18.834  | ug/l # | 93  |
| 32) 1,1,1-Trichloroethane    | 7.799 | 97  | 44978  | 20.501  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.010 | 75  | 37977  | 17.929  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.169 | 43  | 12978  | 18.259  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.999 | 117 | 33722  | 16.913  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.275 | 83  | 43003  | 18.951  | ug/l   | 92  |
| 40) Benzene                  | 8.252 | 78  | 117899 | 19.357  | ug/l   | 96  |

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 Operator : VA/SY  
 Sample : VD1118SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SoIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1118SBS01

Quant Time: Nov 18 22:05:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 14 00:51:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 7091     | 18.810  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 28043    | 19.239  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 22936    | 18.322  | ug/l   | 99       |
| 44) Trichloroethene           | 9.028  | 130  | 33711    | 20.950  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 28564    | 20.872  | ug/l   | 92       |
| 46) Dibromomethane            | 9.393  | 93   | 15870    | 20.707  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.587  | 83   | 39592    | 20.815  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.381  | 41   | 10126    | 18.260  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.393  | 88   | 2699     | 358.881 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 60178    | 100.836 | ug/l   | 97       |
| 52) Toluene                   | 10.334 | 92   | 77594    | 21.307  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 34136    | 20.315  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 42955    | 20.845  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 23284    | 21.849  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 23390    | 19.920  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 36190    | 21.123  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 37875    | 97.517  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.922 | 43   | 40960    | 98.453  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.081 | 129  | 26843    | 21.233  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 20920    | 20.990  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.810 | 164  | 27363    | 19.143  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.610 | 112  | 83854    | 20.106  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 29600    | 20.257  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.687 | 91   | 144335   | 19.865  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.798 | 106  | 115042   | 39.711  | ug/l   | 99       |
| 69) o-Xylene                  | 12.122 | 106  | 53752    | 20.167  | ug/l   | 95       |
| 70) Styrene                   | 12.140 | 104  | 91150    | 19.951  | ug/l   | 98       |
| 71) Bromoform                 | 12.298 | 173  | 14885    | 19.682  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.422 | 105  | 138414   | 19.672  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.234 | 43   | 20949    | 18.096  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 25641    | 20.602  | ug/l   | 93       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 28512    | 33.346  | ug/l # | 1        |
| 77) Bromobenzene              | 12.704 | 156  | 32576    | 19.784  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.769 | 91   | 173263   | 20.033  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 96385    | 20.682  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 117292   | 20.006  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.475 | 75   | 6592     | 18.966  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 101604   | 20.936  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 103124   | 20.272  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 116885   | 20.158  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.351 | 105  | 155923   | 20.150  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 128141   | 19.915  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.463 | 146  | 68989    | 20.142  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.540 | 146  | 69865    | 20.551  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.792 | 91   | 118994   | 19.919  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.057 | 117  | 23392    | 20.298  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 59249    | 20.341  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 3251     | 18.945  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.104 | 180  | 34800    | 19.628  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.210 | 225  | 18967    | 20.739  | ug/l   | 92       |
| 95) Naphthalene               | 15.334 | 128  | 62023    | 18.847  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 29907    | 19.506  | ug/l   | 96       |

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Acq On : 18 Nov 2022 14:04  
Operator : VA/SY  
Sample : VD1118SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

Quant Time: Nov 18 22:05:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111122S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 14 00:51:58 2022  
Response via : Initial Calibration

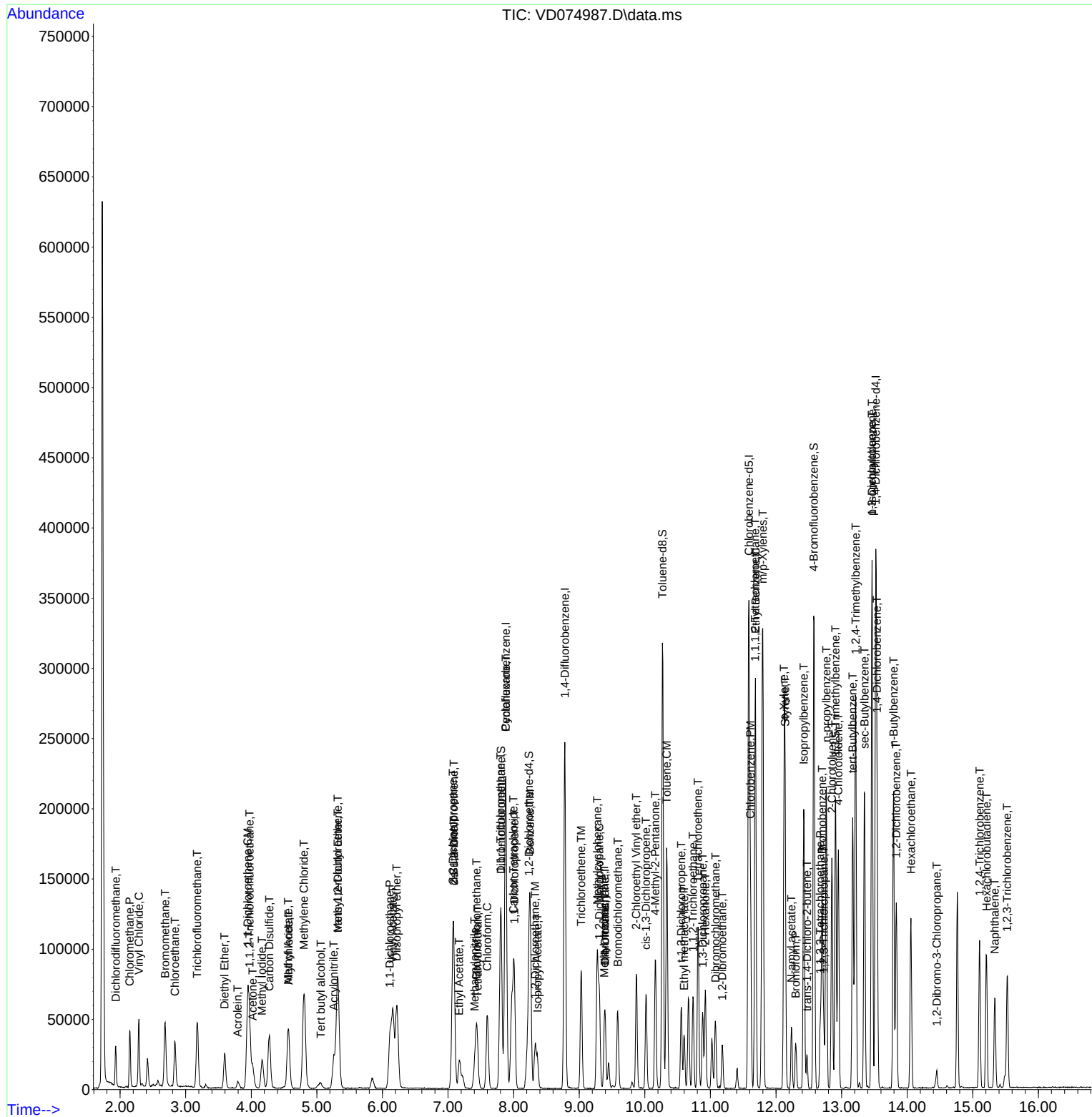
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

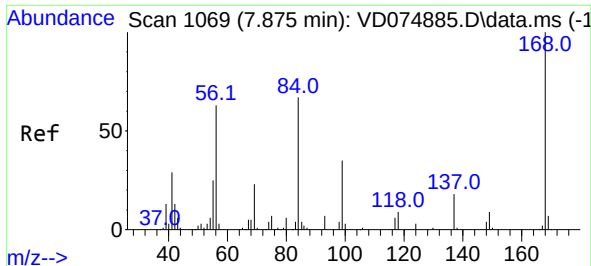
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111822\  
 Data File : VD074987.D  
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 Sample : VD1118SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

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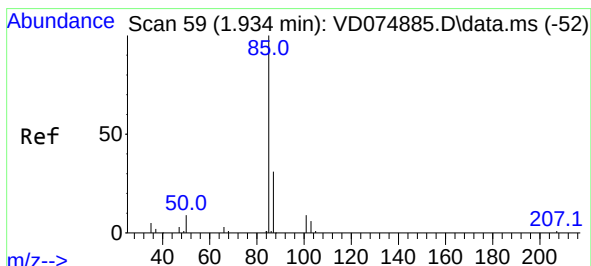
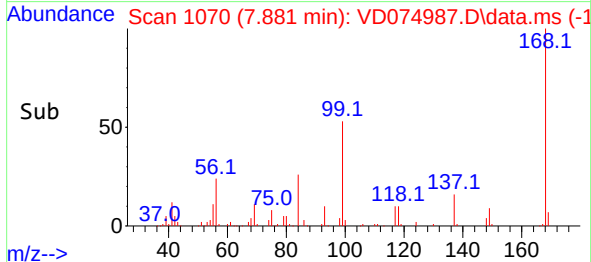
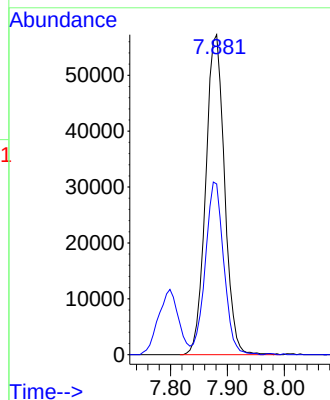
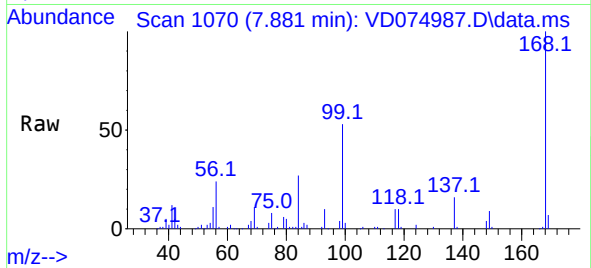




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

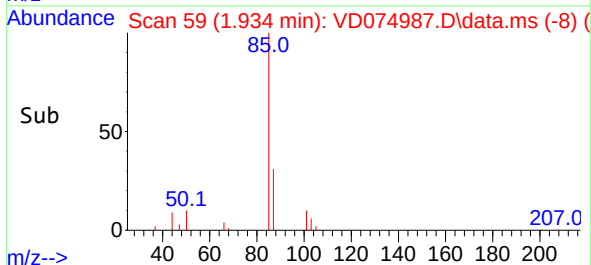
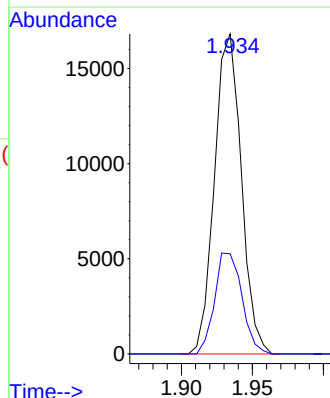
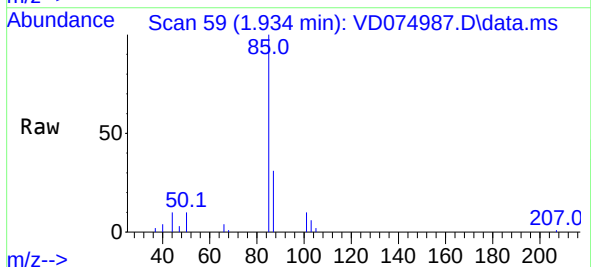
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

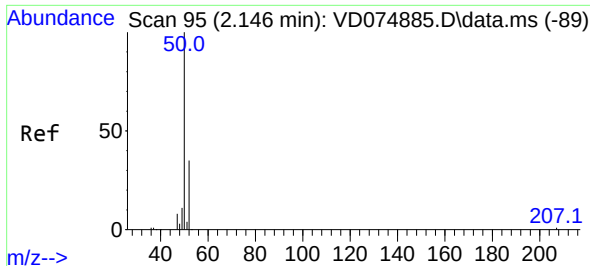
Tgt Ion:168 Resp: 131468  
Ion Ratio Lower Upper  
168 100  
99 53.3 40.9 61.3



#2  
Dichlorodifluoromethane  
Concen: 23.805 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 85 Resp: 22069  
Ion Ratio Lower Upper  
85 100  
87 31.3 17.5 52.6

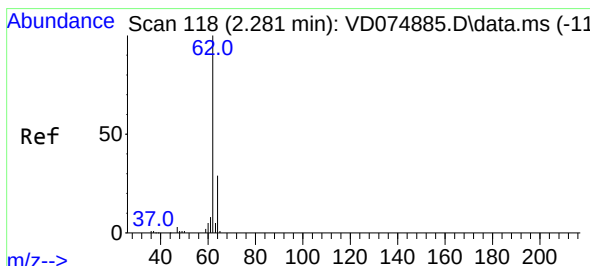
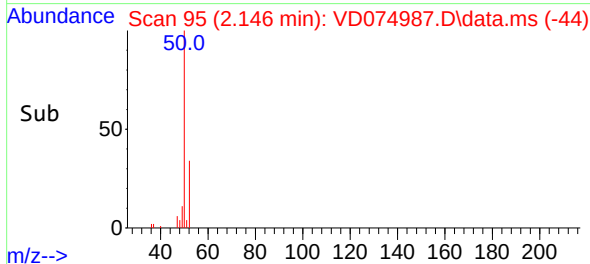
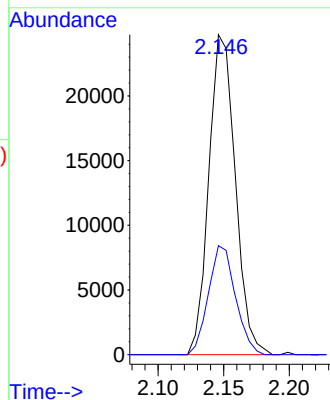
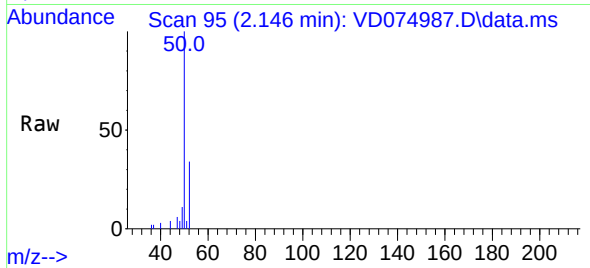




#3  
Chloromethane  
Concen: 23.190 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

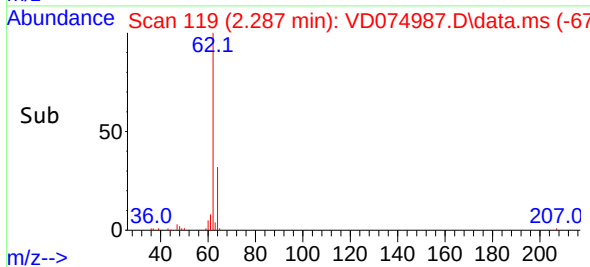
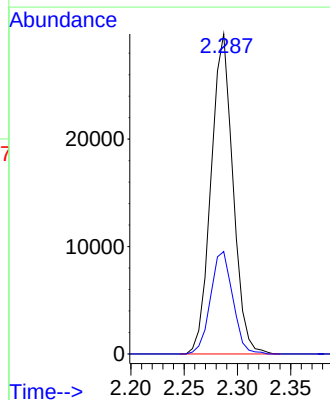
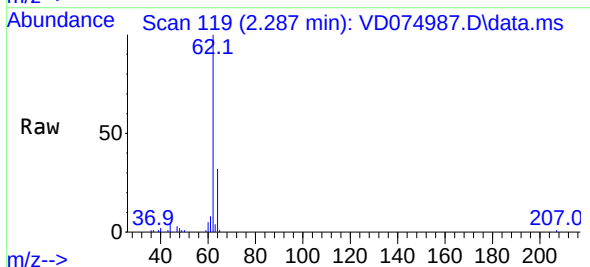
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

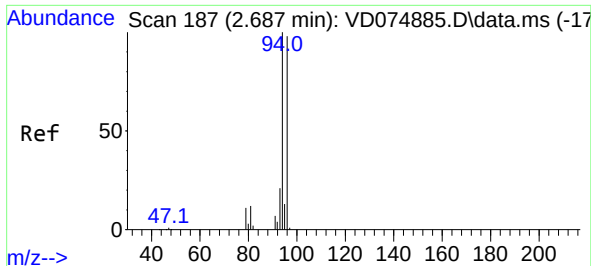
Tgt Ion: 50 Resp: 34718  
Ion Ratio Lower Upper  
50 100  
52 34.0 30.0 45.0



#4  
Vinyl Chloride  
Concen: 23.157 ug/l  
RT: 2.287 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 62 Resp: 42688  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.5 38.3

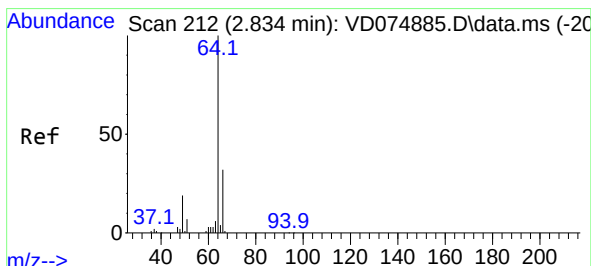
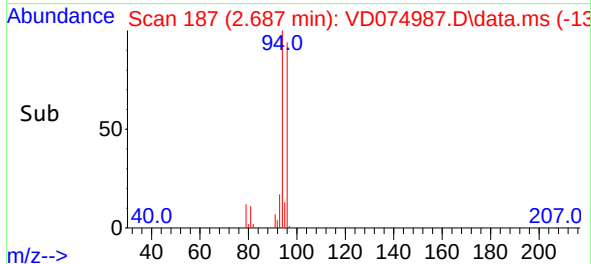
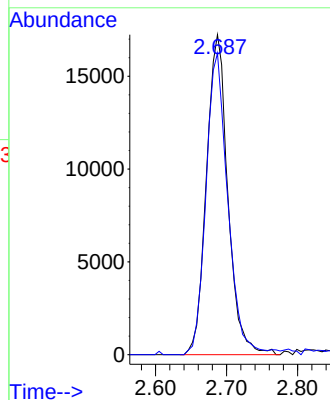
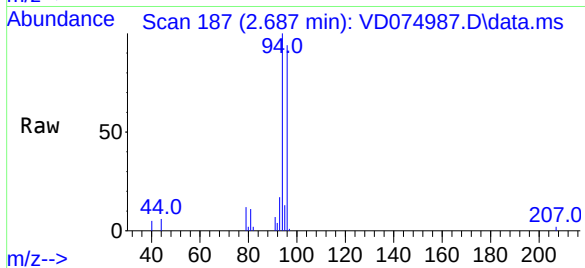




#5  
Bromomethane  
Concen: 25.705 ug/l  
RT: 2.687 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

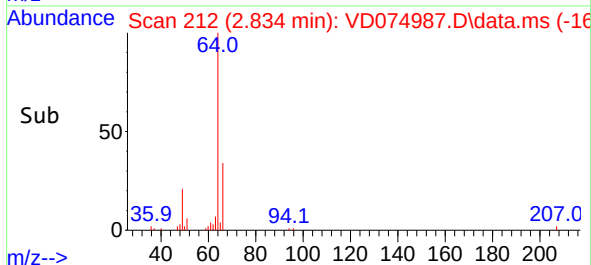
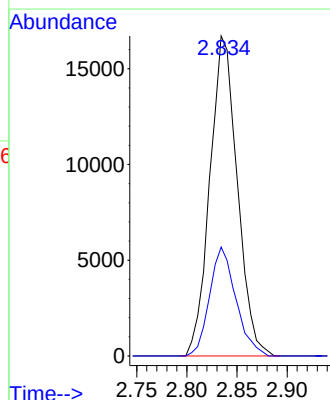
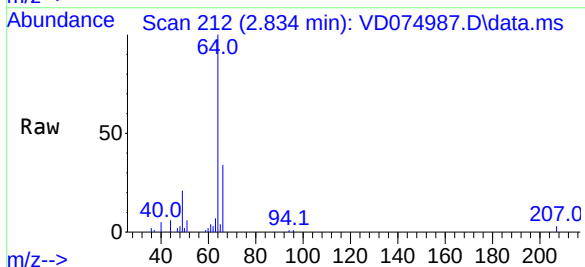
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

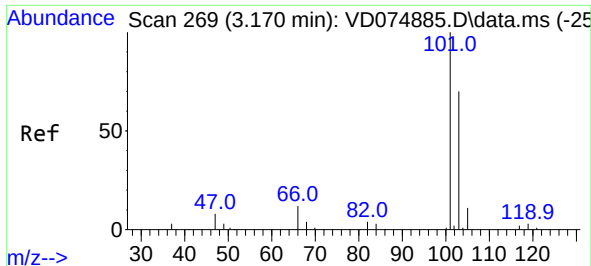
Tgt Ion: 94 Resp: 36248  
Ion Ratio Lower Upper  
94 100  
96 94.2 74.6 112.0



#6  
Chloroethane  
Concen: 23.439 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 64 Resp: 31729  
Ion Ratio Lower Upper  
64 100  
66 34.0 25.8 38.8

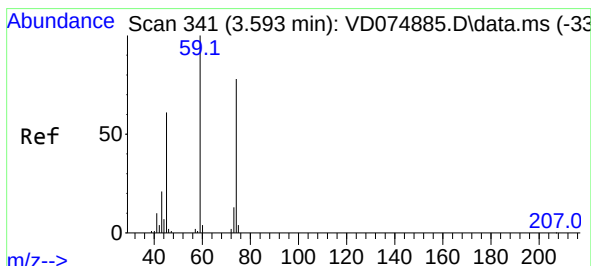
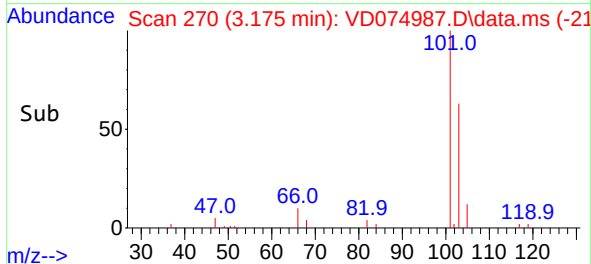
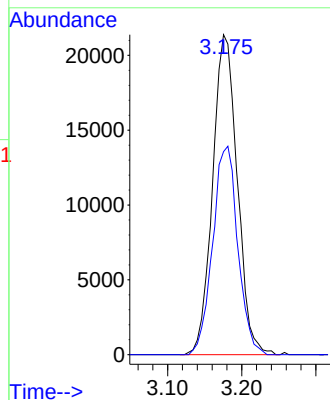
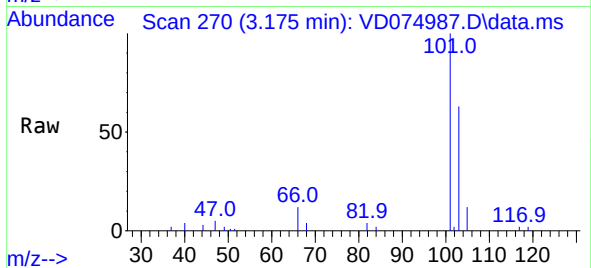




#7  
Trichlorofluoromethane  
Concen: 23.559 ug/l  
RT: 3.175 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

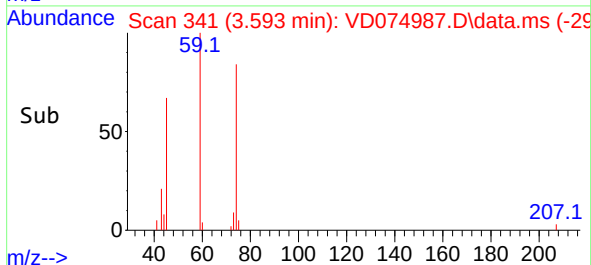
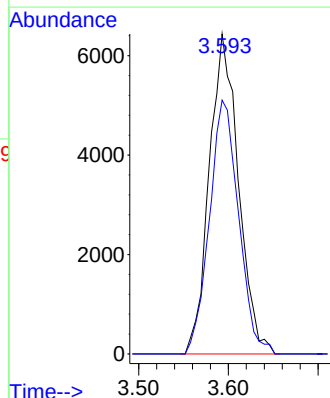
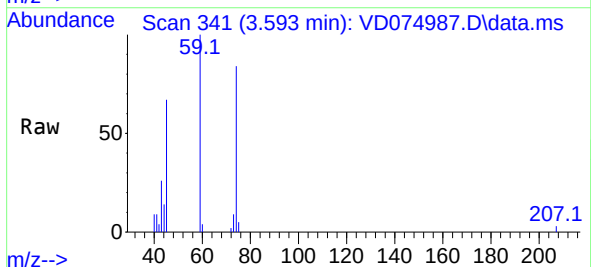
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

Tgt Ion:101 Resp: 49483  
Ion Ratio Lower Upper  
101 100  
103 63.4 49.8 74.8

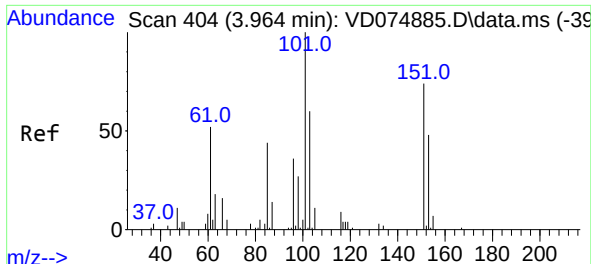


#8  
Diethyl Ether  
Concen: 24.108 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 74 Resp: 14518  
Ion Ratio Lower Upper  
74 100  
45 79.4 37.9 113.6



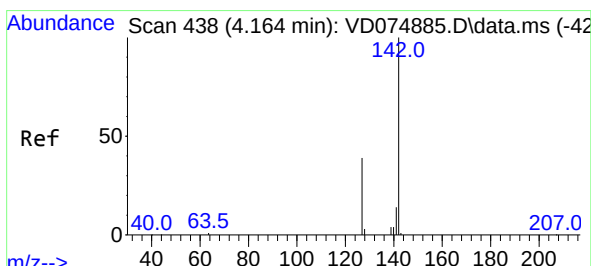
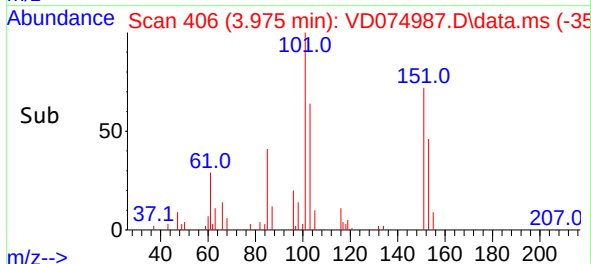
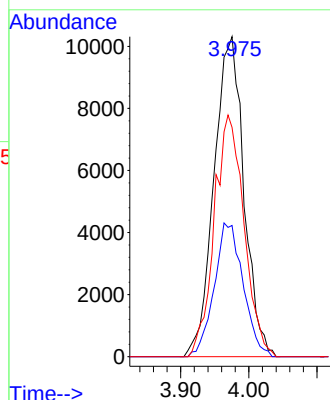
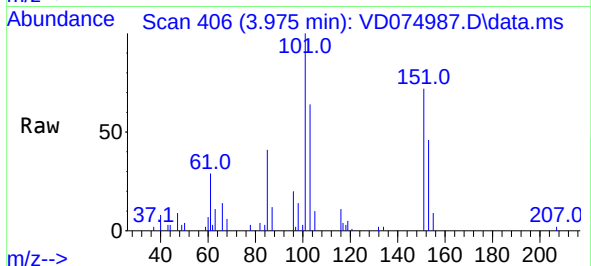




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.459 ug/l  
RT: 3.975 min Scan# 406  
Delta R.T. 0.011 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

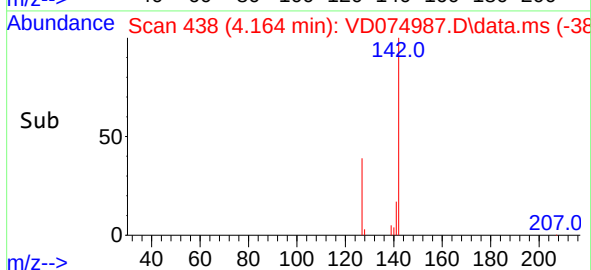
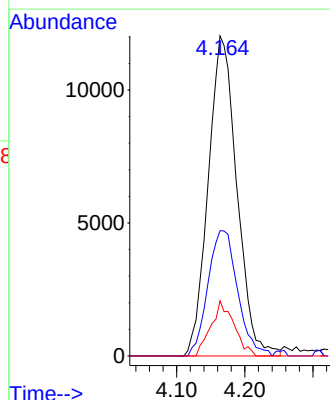
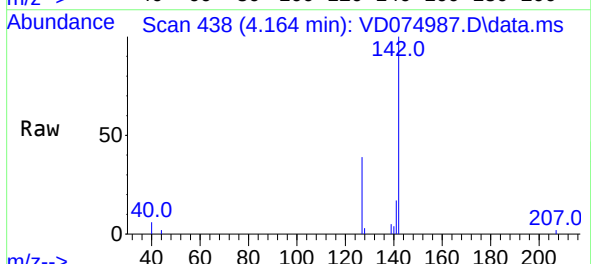
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

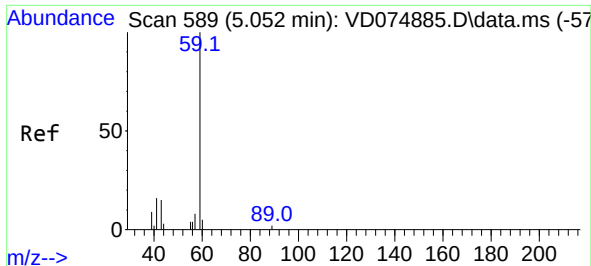
Tgt Ion:101 Resp: 31443  
Ion Ratio Lower Upper  
101 100  
85 40.4 34.1 51.1  
151 75.3 61.7 92.5



#10  
Methyl Iodide  
Concen: 24.742 ug/l  
RT: 4.164 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:142 Resp: 35194  
Ion Ratio Lower Upper  
142 100  
127 40.5 31.9 47.9  
141 13.9 11.4 17.2

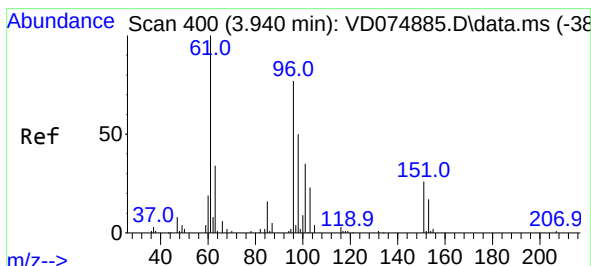
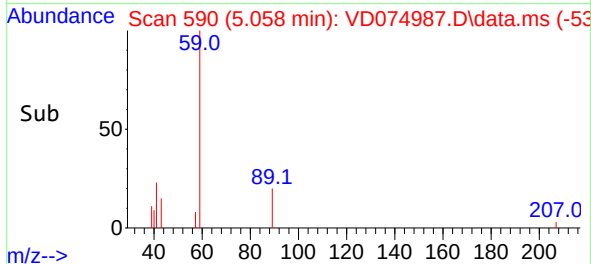
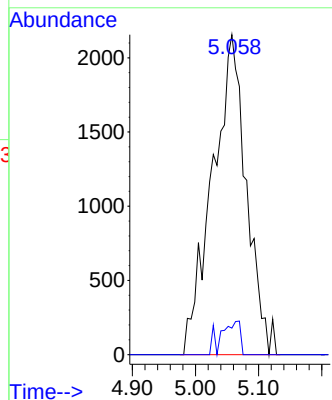
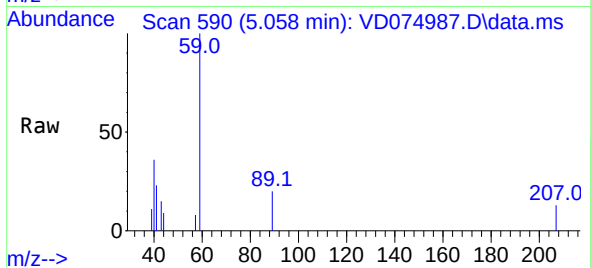




#11  
Tert butyl alcohol  
Concen: 118.179 ug/l  
RT: 5.058 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

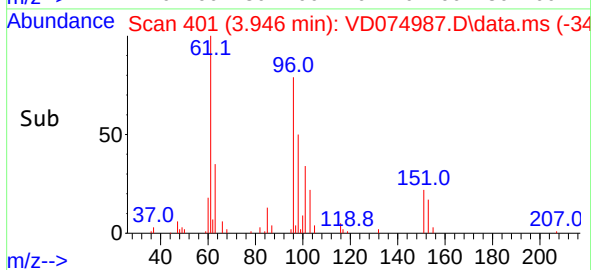
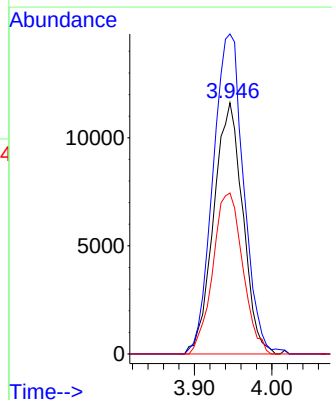
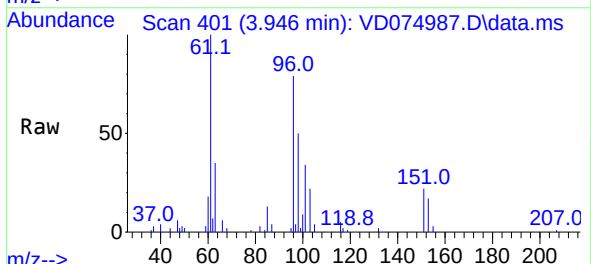
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

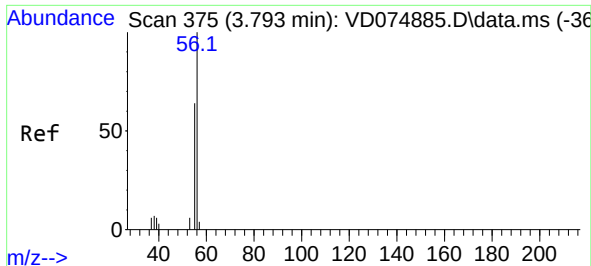
Tgt Ion: 59 Resp: 8058  
Ion Ratio Lower Upper  
59 100  
57 5.0 4.4 6.6



#12  
1,1-Dichloroethene  
Concen: 23.278 ug/l  
RT: 3.946 min Scan# 401  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 96 Resp: 30392  
Ion Ratio Lower Upper  
96 100  
61 127.4 113.9 170.9  
98 64.0 51.8 77.8

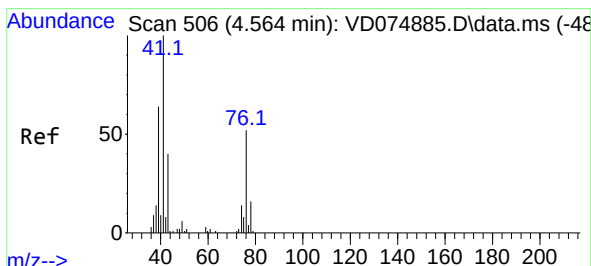
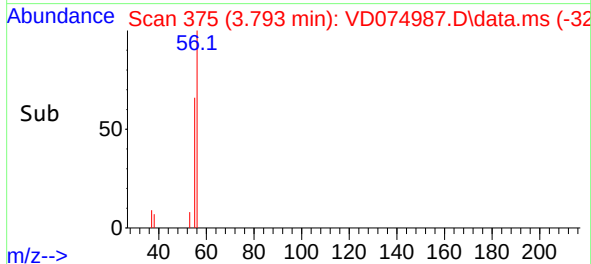
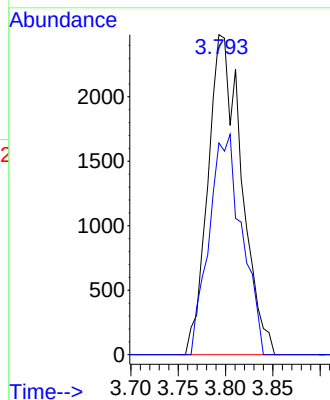
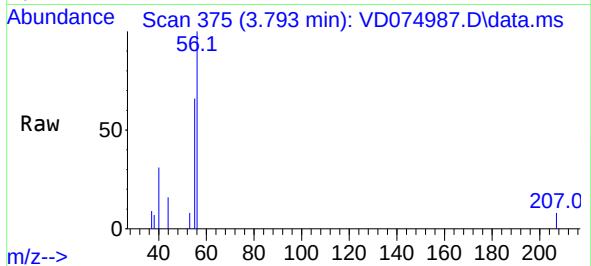




#13  
Acrolein  
Concen: 156.581 ug/l  
RT: 3.793 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

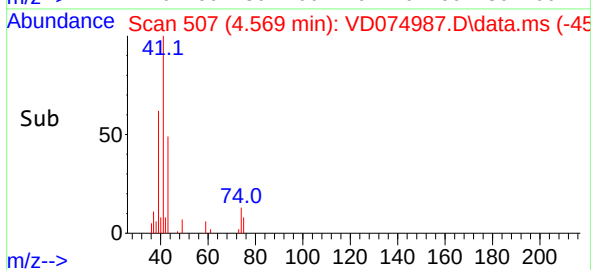
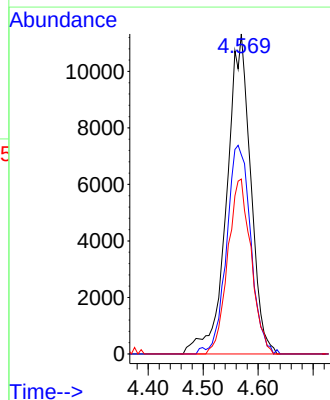
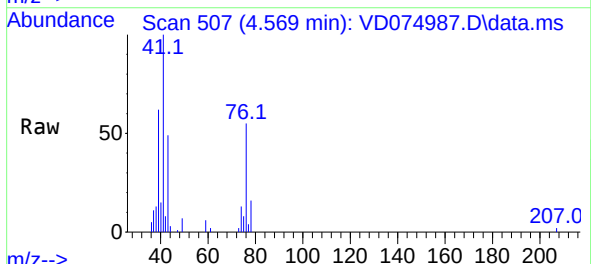
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

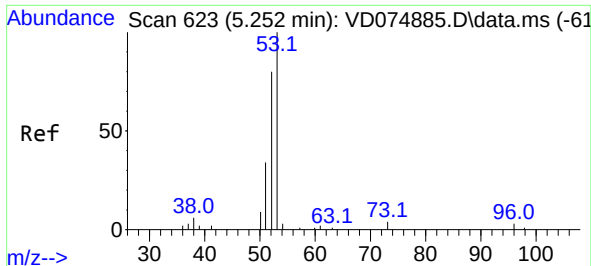
Tgt Ion: 56 Resp: 6128  
Ion Ratio Lower Upper  
56 100  
55 67.2 54.0 81.0



#14  
Allyl chloride  
Concen: 24.555 ug/l  
RT: 4.569 min Scan# 507  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 41 Resp: 34292  
Ion Ratio Lower Upper  
41 100  
39 65.7 53.4 80.2  
76 53.0 42.4 63.6

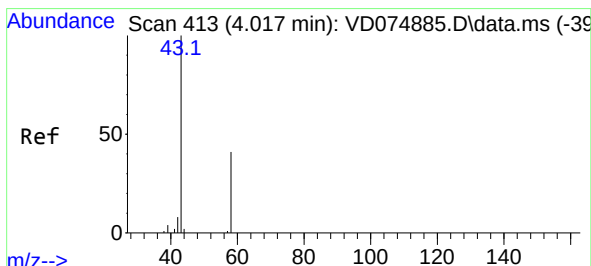
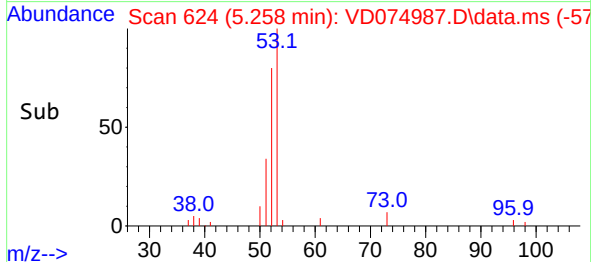
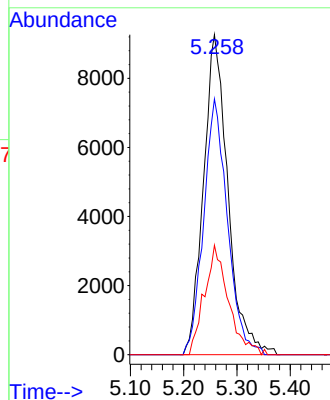
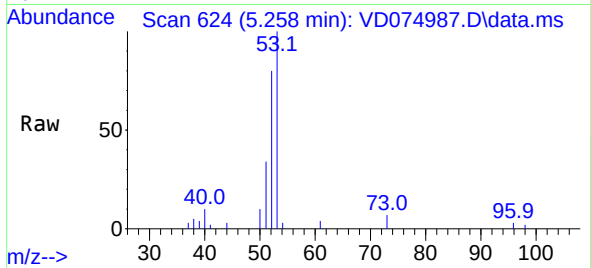




#15  
Acrylonitrile  
Concen: 125.634 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

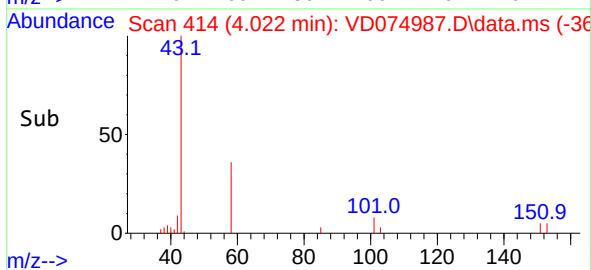
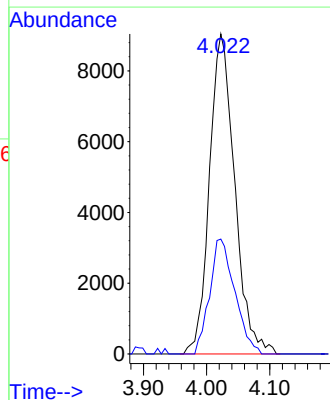
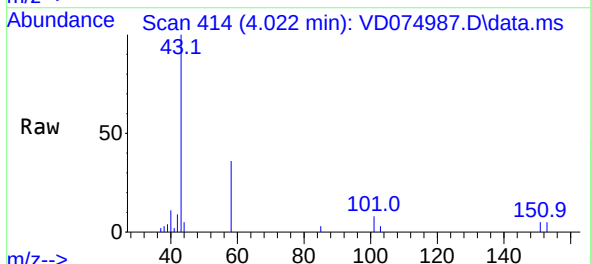
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

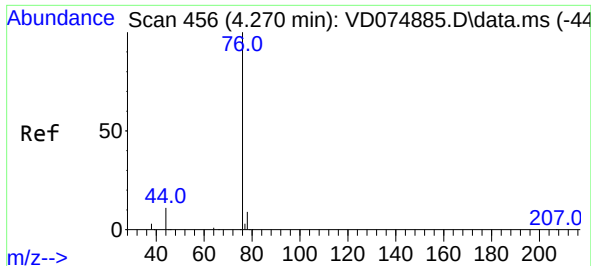
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 53 | Resp: | 29566       |
| Ion         | Ratio | Lower Upper |
| 53          | 100   |             |
| 52          | 78.1  | 66.0 99.0   |
| 51          | 33.7  | 28.3 42.5   |



#16  
Acetone  
Concen: 115.767 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 25125       |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 35.9  | 30.2 45.2   |

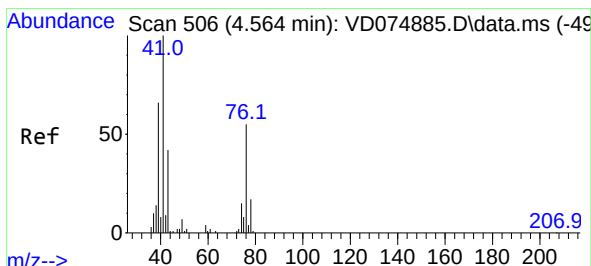
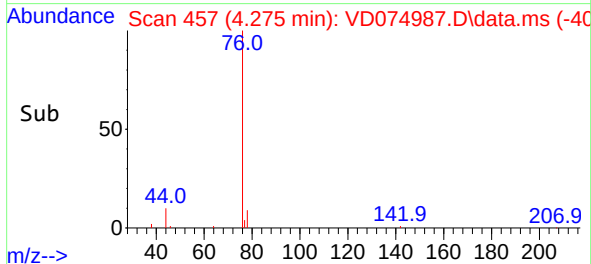
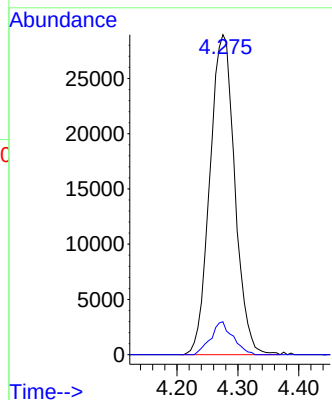
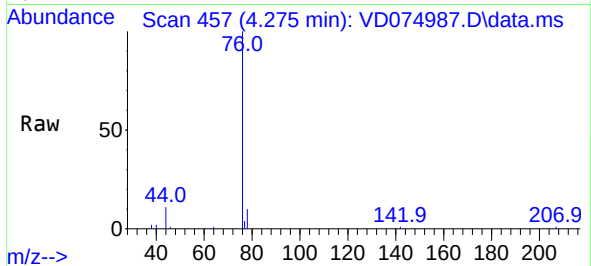




#17  
Carbon Disulfide  
Concen: 22.180 ug/l  
RT: 4.275 min Scan# 456  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

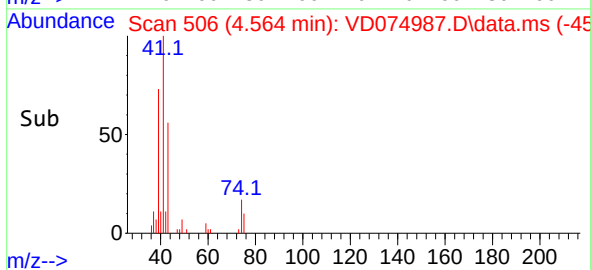
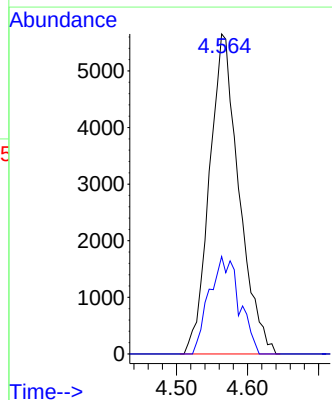
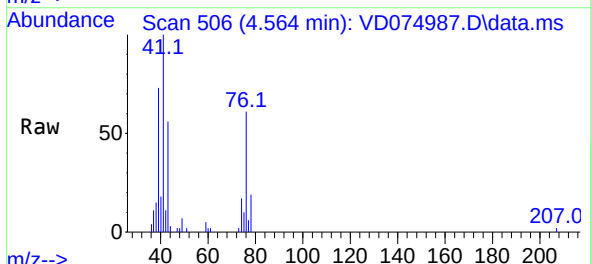
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

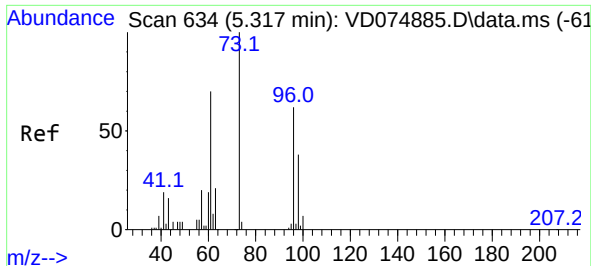
Tgt Ion: 76 Resp: 82378  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.8 11.8



#18  
Methyl Acetate  
Concen: 27.921 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 43 Resp: 16338  
Ion Ratio Lower Upper  
43 100  
74 31.0 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 23.394 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

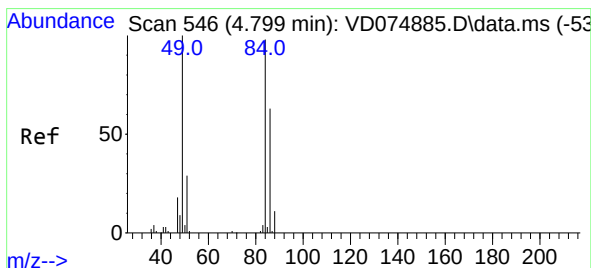
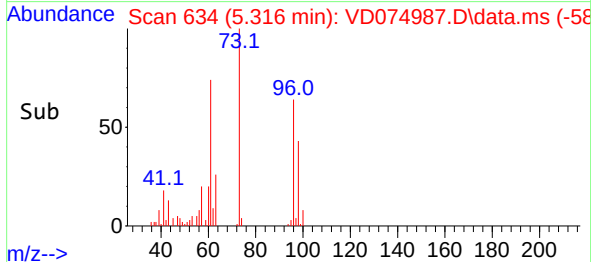
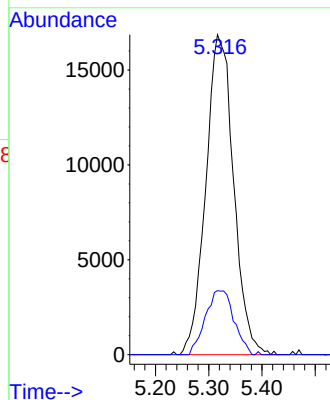
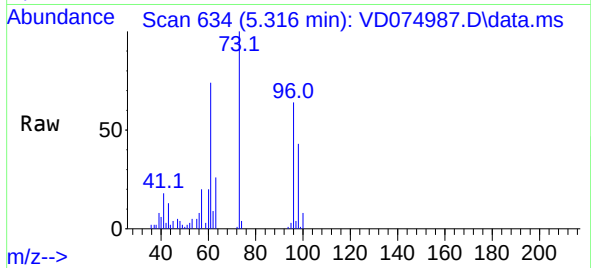
VD1118SBS01

Tgt Ion: 73 Resp: 61148

Ion Ratio Lower Upper

73 100

57 20.0 16.1 24.1



#20

Methylene Chloride

Concen: 26.801 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Tgt Ion: 84 Resp: 60715

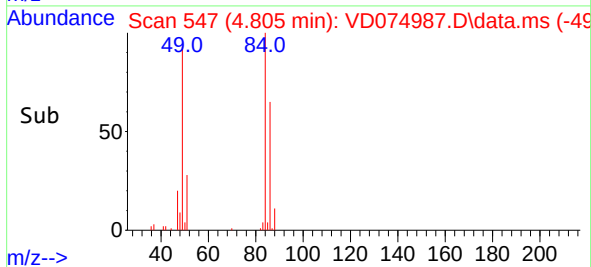
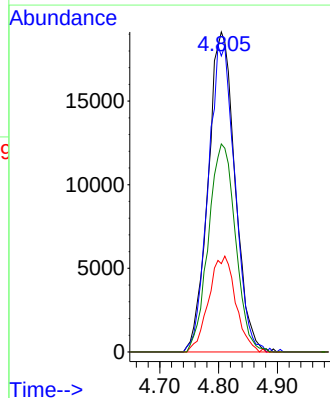
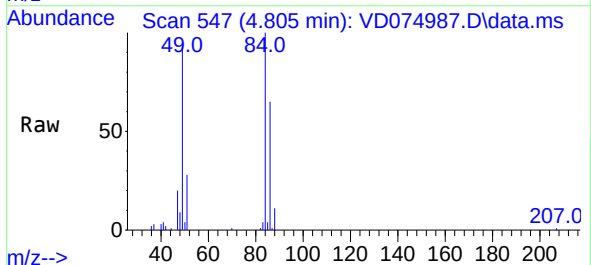
Ion Ratio Lower Upper

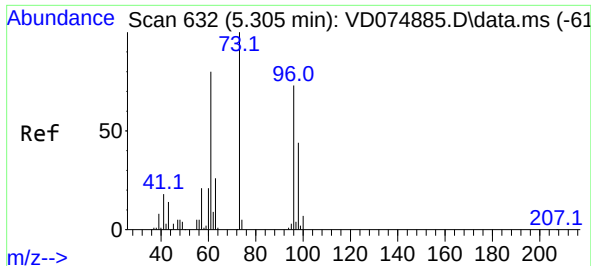
84 100

49 92.5 68.0 102.0

51 27.6 23.2 34.8

86 65.0 48.0 72.0

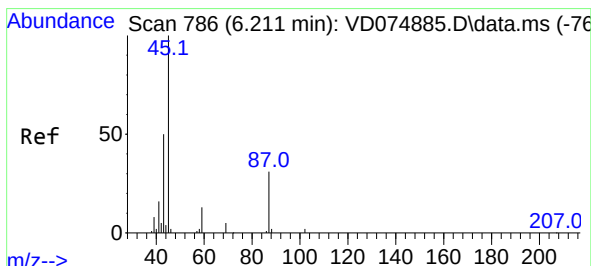
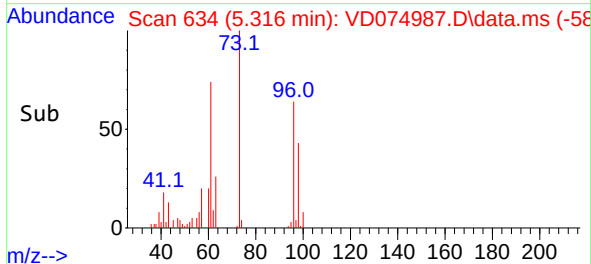
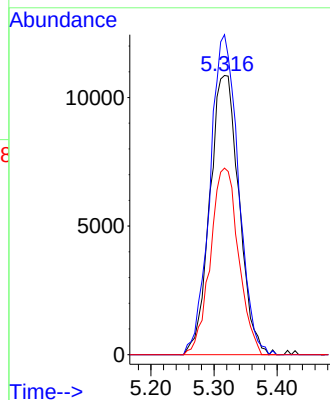
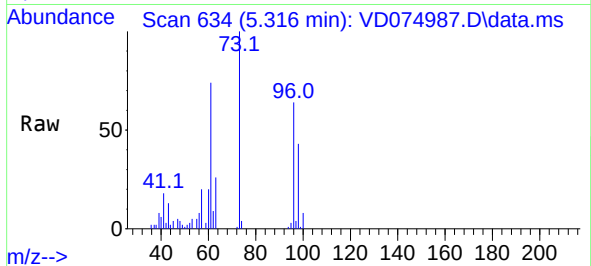




#21  
trans-1,2-Dichloroethene  
Concen: 23.498 ug/l  
RT: 5.316 min Scan# 611  
Delta R.T. 0.011 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

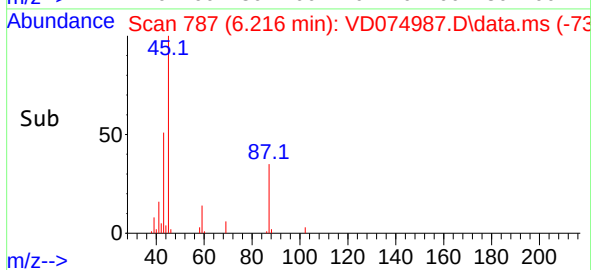
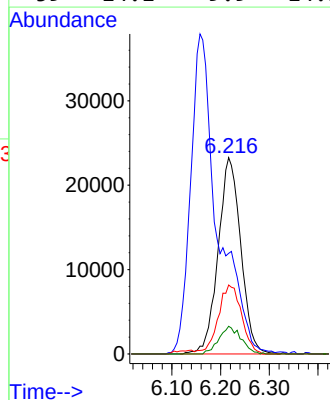
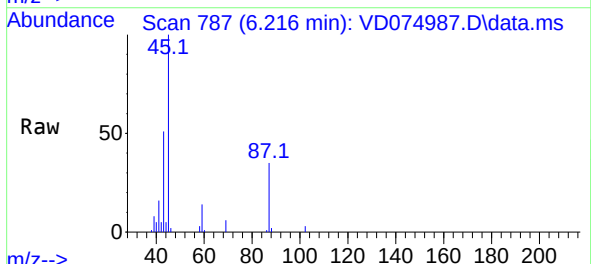
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

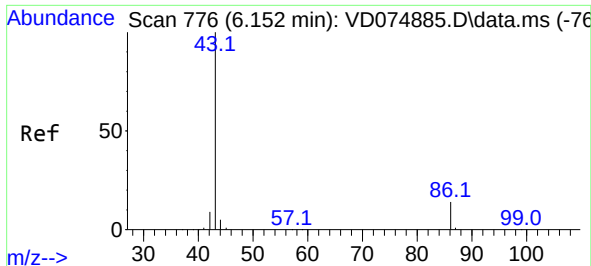
Tgt Ion: 96 Resp: 34790  
Ion Ratio Lower Upper  
96 100  
61 114.6 95.7 143.5  
98 66.9 54.8 82.2



#22  
Diisopropyl ether  
Concen: 24.188 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 45 Resp: 75289  
Ion Ratio Lower Upper  
45 100  
43 50.2 37.8 56.6  
87 35.1 26.6 40.0  
59 14.1 9.9 14.9

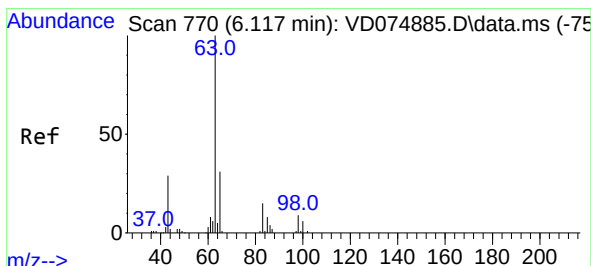
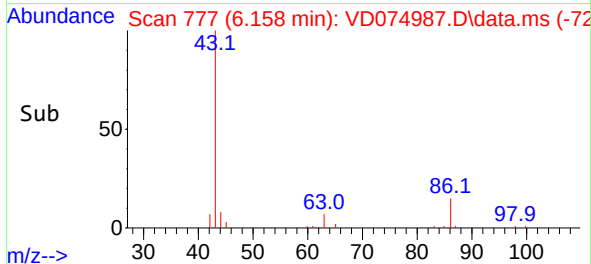
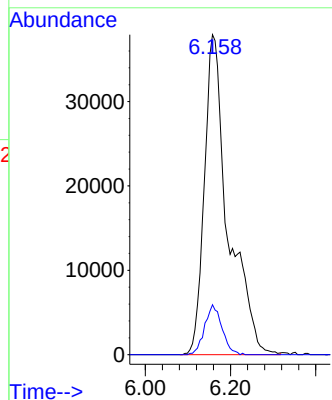
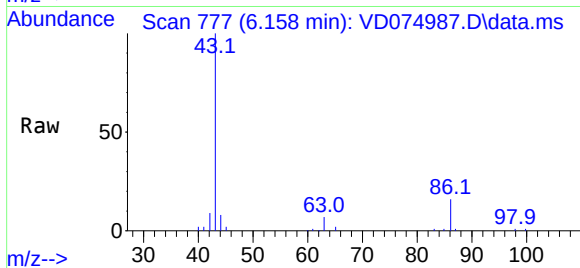




#23  
 Vinyl Acetate  
 Concen: 109.984 ug/l  
 RT: 6.158 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VD074987.D  
 Acq: 18 Nov 2022 14:04

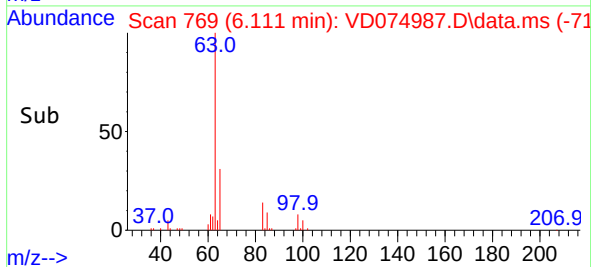
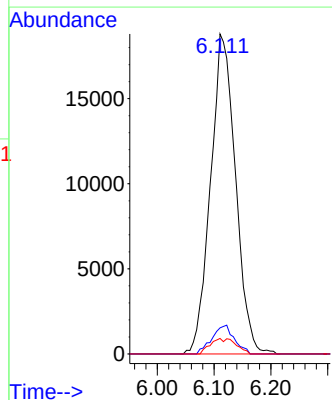
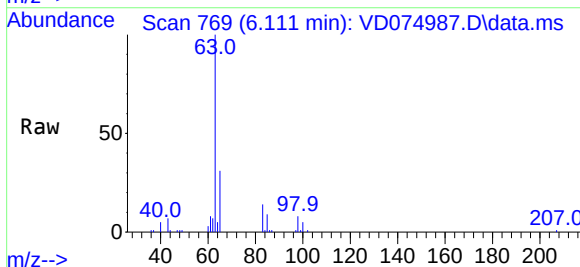
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1118SBSD01

Tgt Ion: 43 Resp: 146933  
 Ion Ratio Lower Upper  
 43 100  
 86 15.6 11.2 16.8

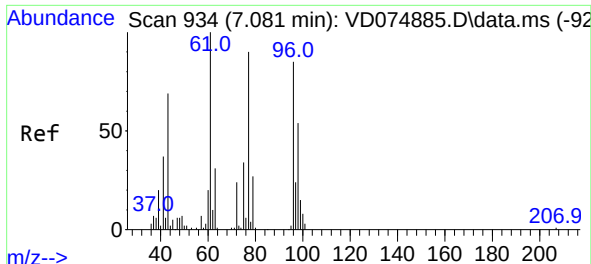


#24  
 1,1-Dichloroethane  
 Concen: 24.670 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. -0.006 min  
 Lab File: VD074987.D  
 Acq: 18 Nov 2022 14:04

Tgt Ion: 63 Resp: 57346  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 4.6 13.8  
 100 4.9 2.9 8.6



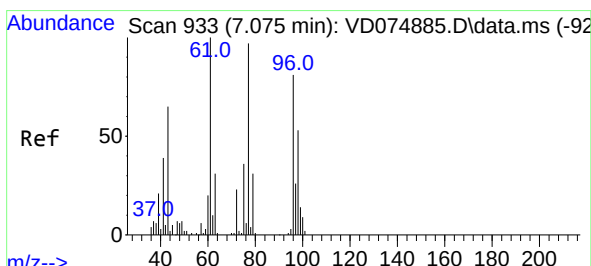
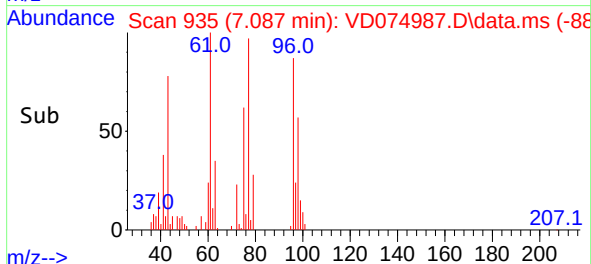
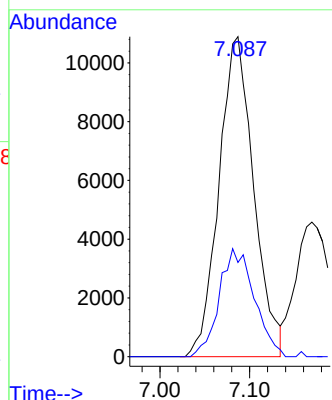
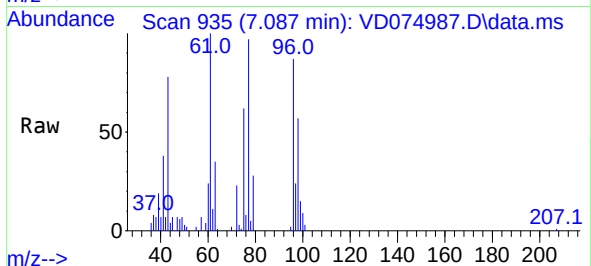




#25  
2-Butanone  
Concen: 103.204 ug/l  
RT: 7.087 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

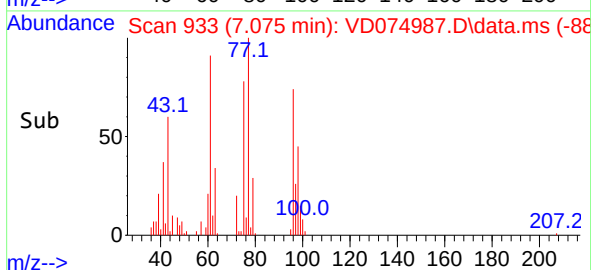
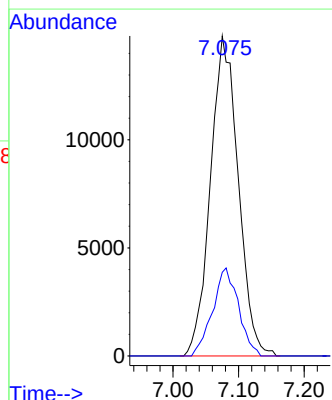
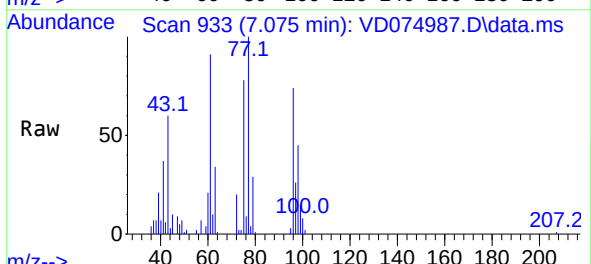
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

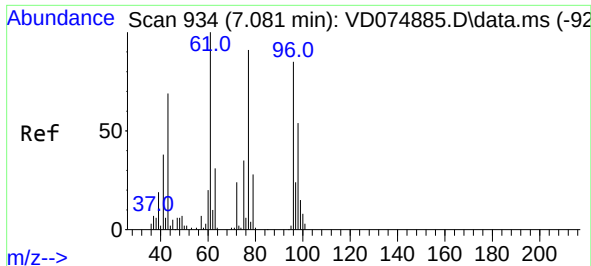
Tgt Ion: 43 Resp: 29290  
Ion Ratio Lower Upper  
43 100  
72 29.4 25.8 38.8



#26  
2,2-Dichloropropane  
Concen: 19.947 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 77 Resp: 43574  
Ion Ratio Lower Upper  
77 100  
97 25.5 12.5 37.5



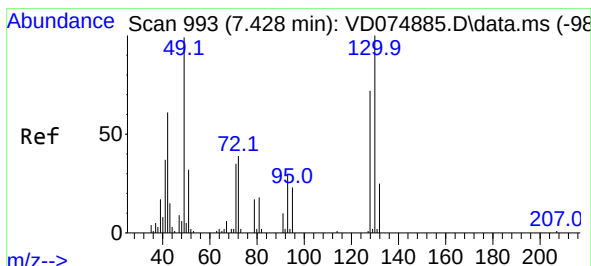
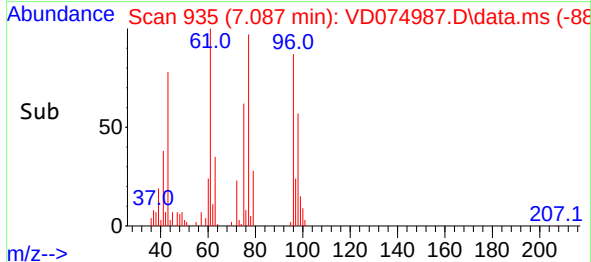
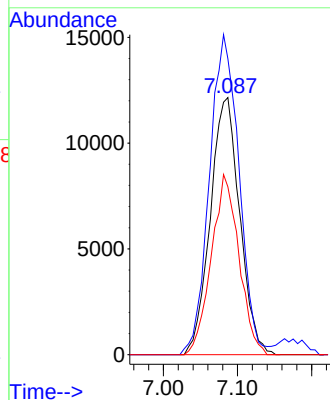
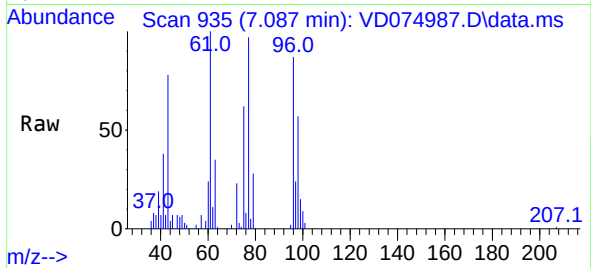


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.410 ug/l  
 RT: 7.087 min Scan# 911  
 Delta R.T. 0.006 min  
 Lab File: VD074987.D  
 Acq: 18 Nov 2022 14:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1118SBSD01

Tgt Ion: 96 Resp: 33523  

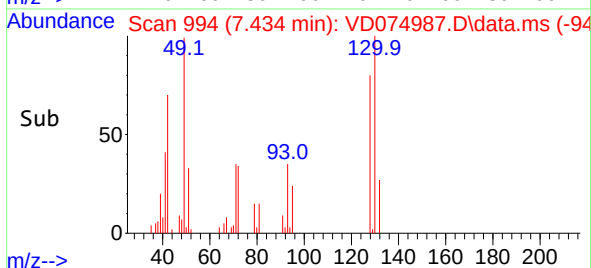
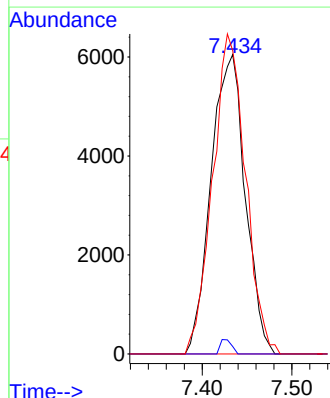
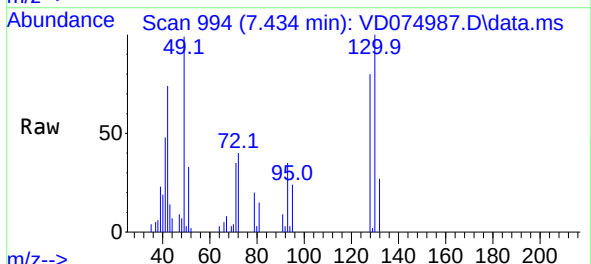
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.0 | 0.0   | 242.4 |
| 98  | 65.8  | 0.0   | 130.0 |

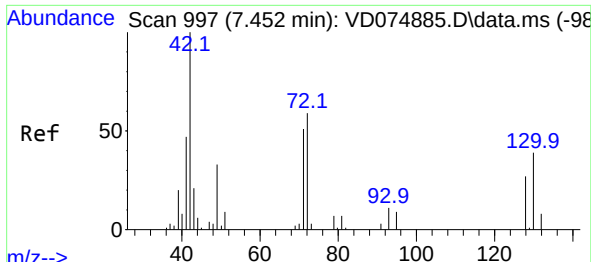


#28  
 Bromochloromethane  
 Concen: 21.371 ug/l  
 RT: 7.434 min Scan# 994  
 Delta R.T. 0.006 min  
 Lab File: VD074987.D  
 Acq: 18 Nov 2022 14:04

Tgt Ion: 49 Resp: 16027  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.6   | 0.0   | 5.0   |
| 130 | 102.7 | 84.1  | 126.1 |

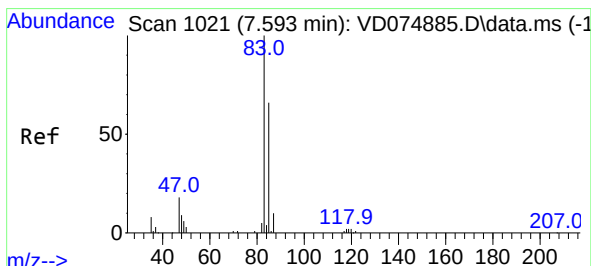
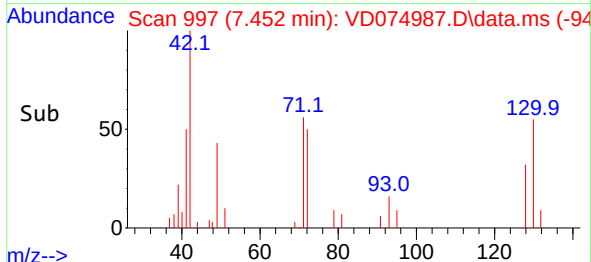
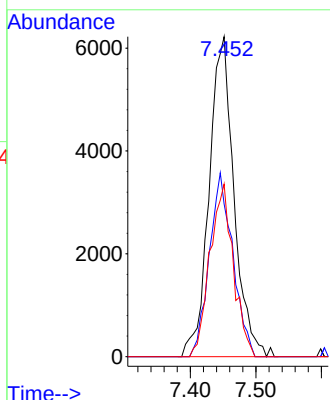
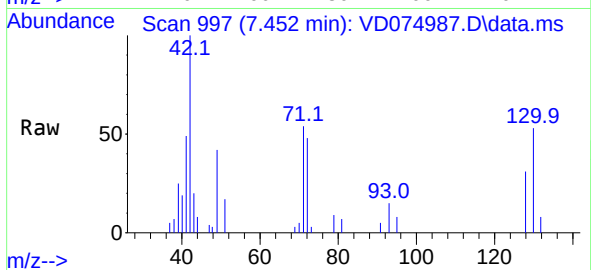




#29  
Tetrahydrofuran  
Concen: 104.479 ug/l  
RT: 7.452 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

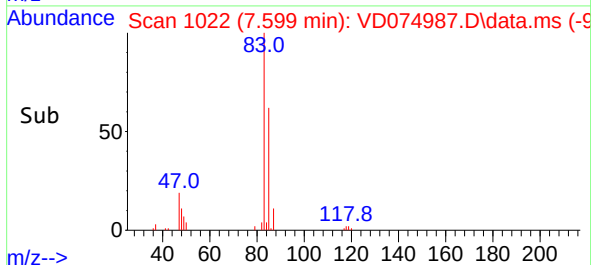
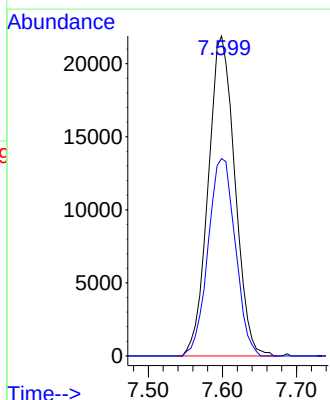
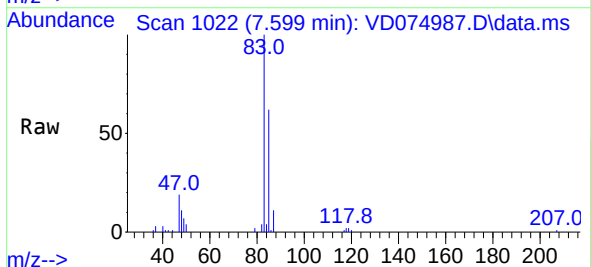
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

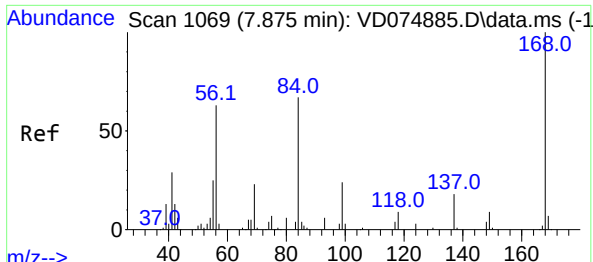
Tgt Ion: 42 Resp: 16413  
Ion Ratio Lower Upper  
42 100  
72 54.1 45.8 68.6  
71 50.7 44.6 66.8



#30  
Chloroform  
Concen: 21.490 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 83 Resp: 54706  
Ion Ratio Lower Upper  
83 100  
85 61.7 52.0 78.0

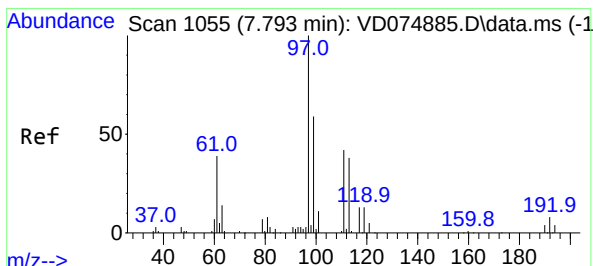
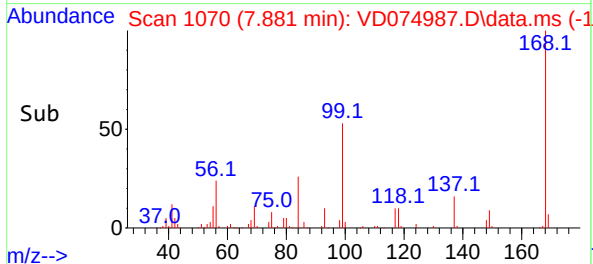
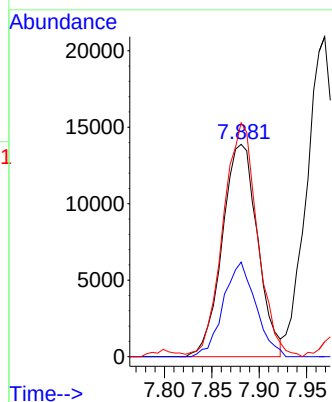
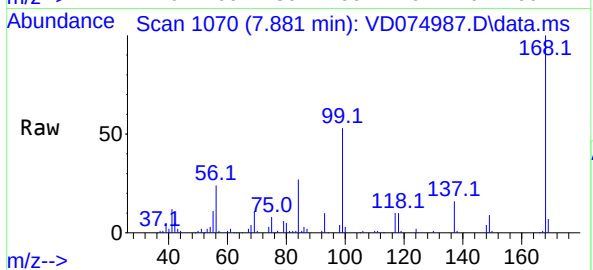




#31  
Cyclohexane  
Concen: 18.834 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

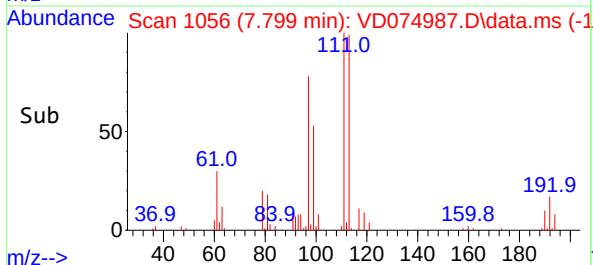
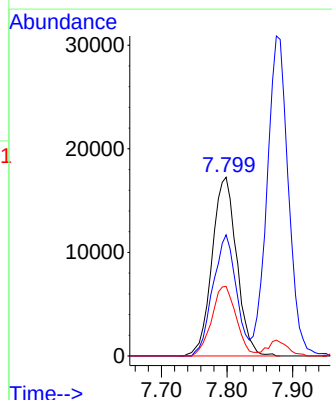
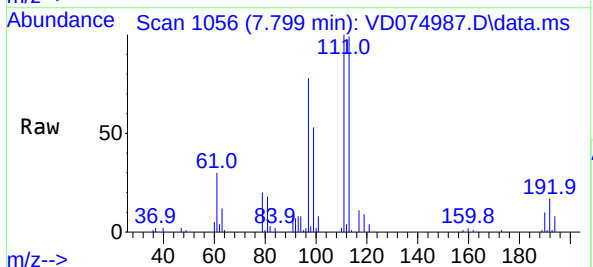
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

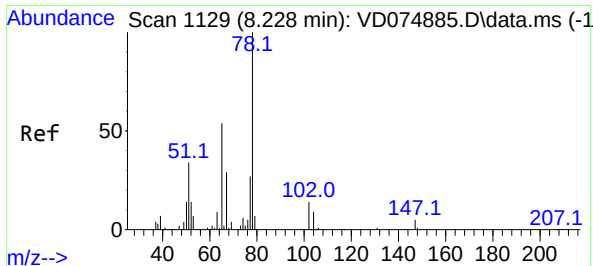
Tgt Ion: 56 Resp: 36099  
Ion Ratio Lower Upper  
56 100  
69 44.6 29.2 43.8#  
84 108.5 83.4 125.2



#32  
1,1,1-Trichloroethane  
Concen: 20.501 ug/l  
RT: 7.799 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 97 Resp: 44978  
Ion Ratio Lower Upper  
97 100  
99 64.5 53.3 79.9  
61 38.8 30.2 45.4

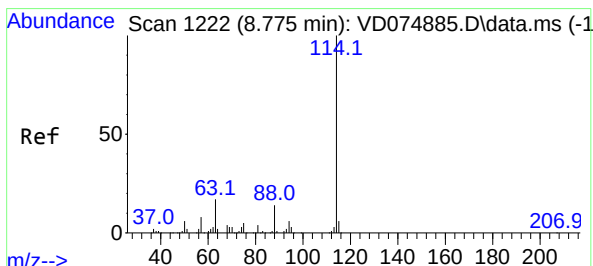
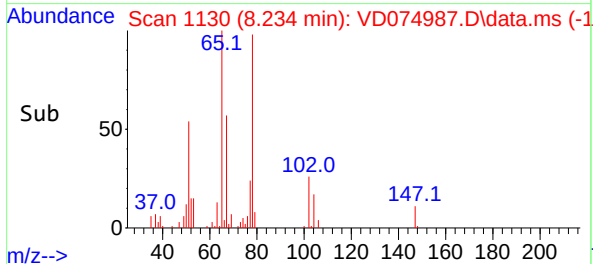
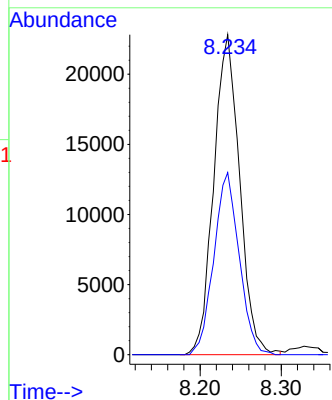
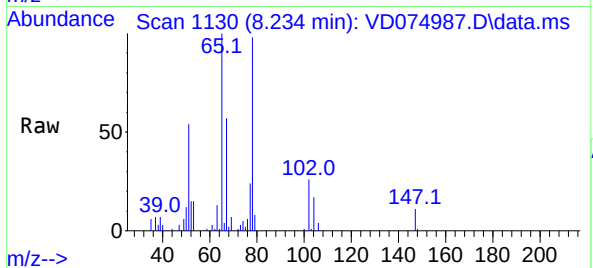




#33  
1,2-Dichloroethane-d4  
Concen: 58.936 ug/l  
RT: 8.234 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

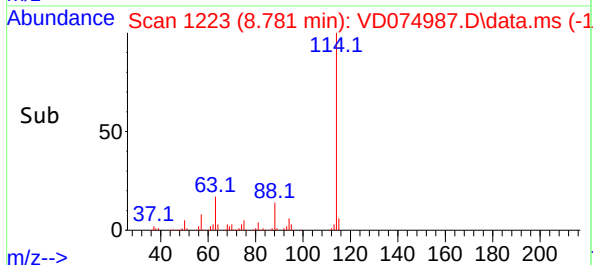
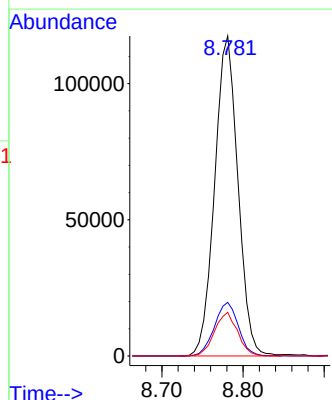
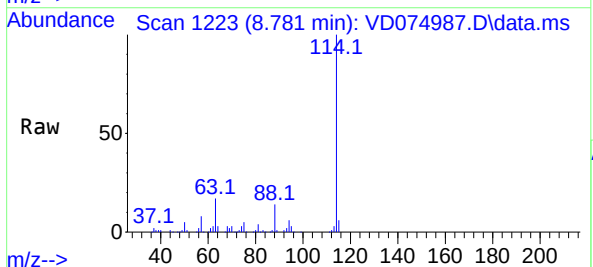
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

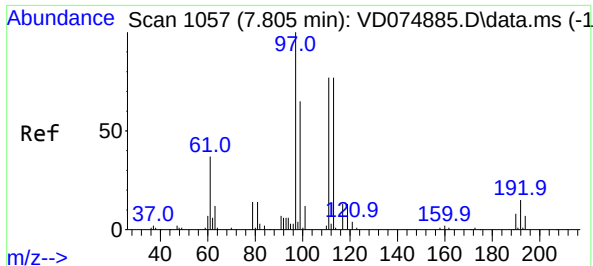
Tgt Ion: 65 Resp: 50559  
Ion Ratio Lower Upper  
65 100  
67 55.7 0.0 110.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.781 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 114 Resp: 233806  
Ion Ratio Lower Upper  
114 100  
63 16.8 0.0 33.2  
88 13.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 44.234 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

VD1118SBS01

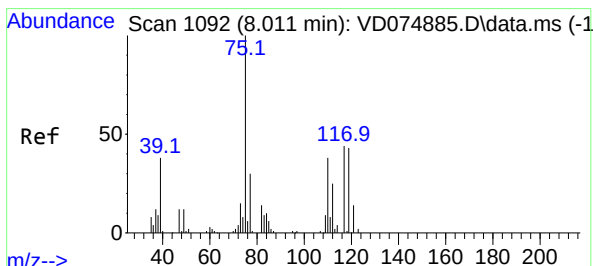
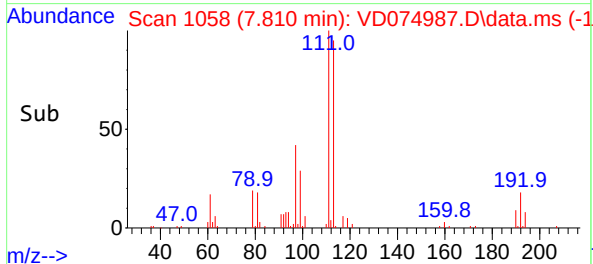
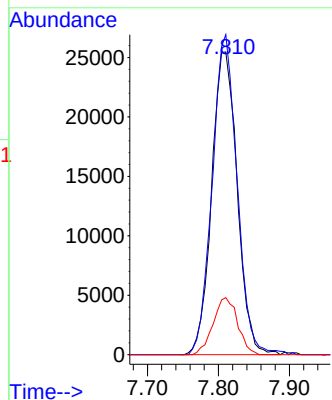
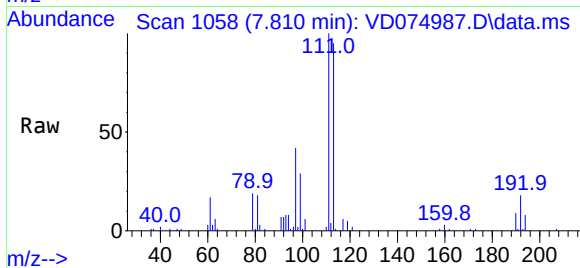
Tgt Ion:113 Resp: 63752

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 18.0 16.4 24.6



#36

1,1-Dichloropropene

Concen: 17.929 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

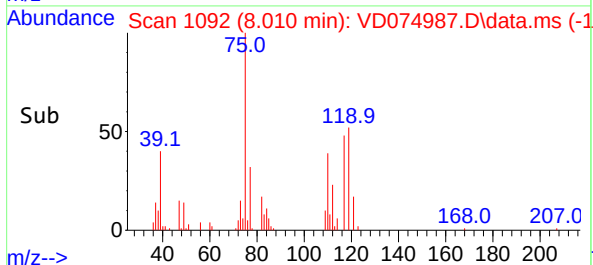
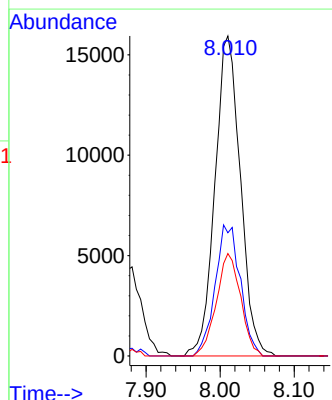
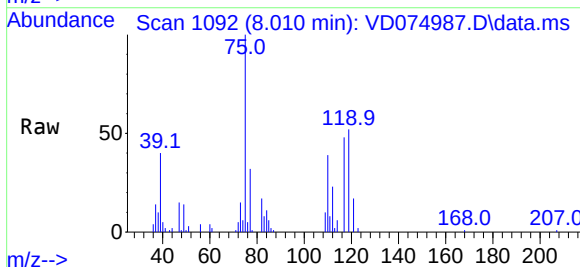
Tgt Ion: 75 Resp: 37977

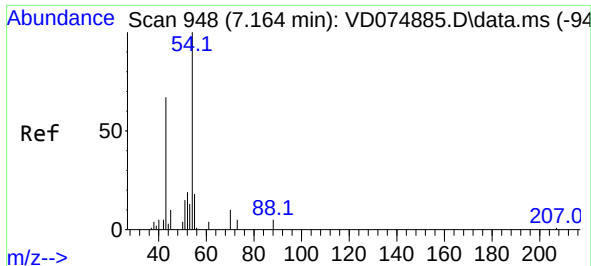
Ion Ratio Lower Upper

75 100

110 40.5 19.7 59.0

77 30.6 25.4 38.2





#37

Ethyl Acetate

Concen: 18.259 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.005 min

Lab File: VD074987.D

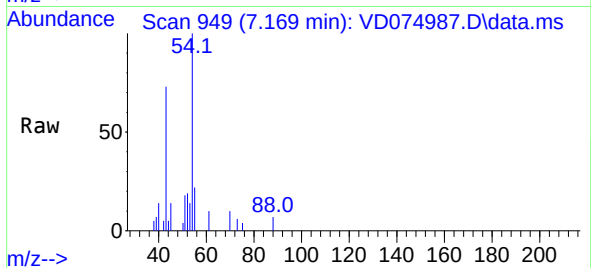
Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

VD1118SBS01



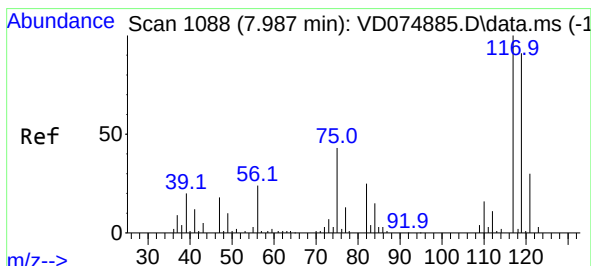
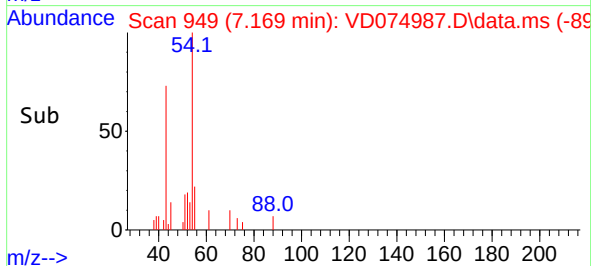
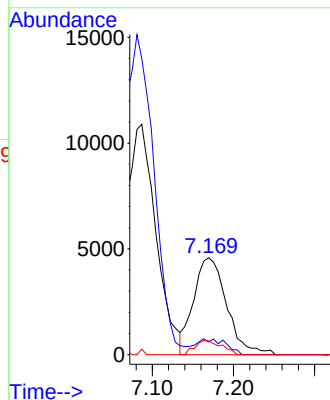
Tgt Ion: 43 Resp: 12978

Ion Ratio Lower Upper

43 100

61 14.4 12.2 18.4

70 11.8 9.6 14.4



#38

Carbon Tetrachloride

Concen: 16.913 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.012 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

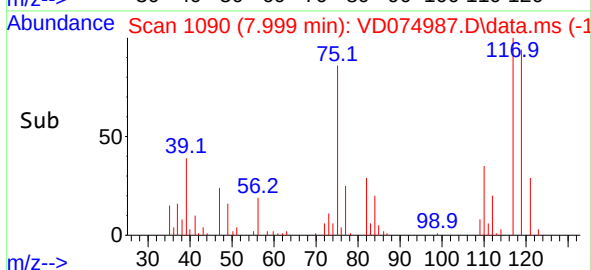
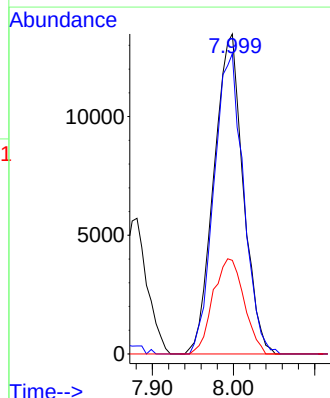
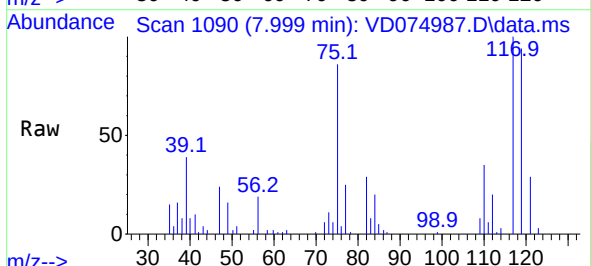
Tgt Ion: 117 Resp: 33722

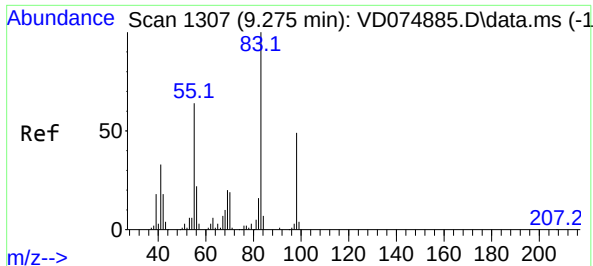
Ion Ratio Lower Upper

117 100

119 93.8 73.1 109.7

121 29.3 25.0 37.6





#39

Methylcyclohexane

Concen: 18.951 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

VD1118SBS01

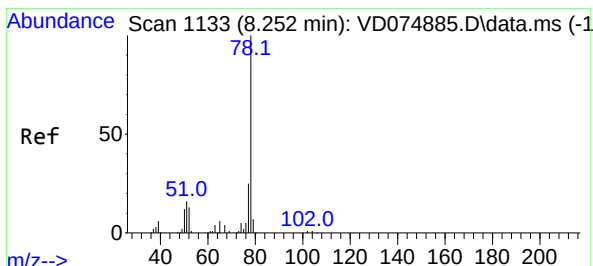
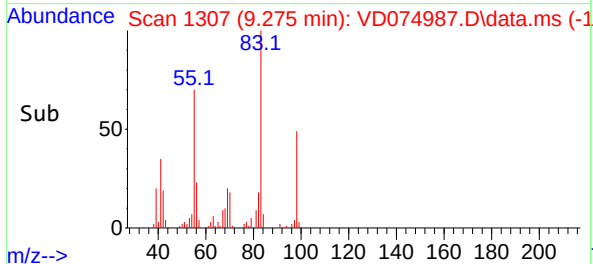
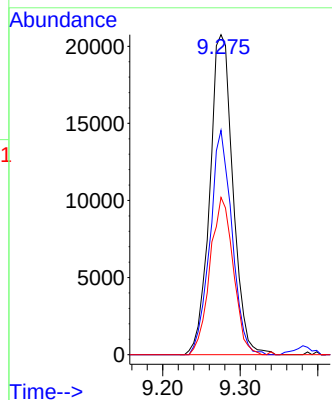
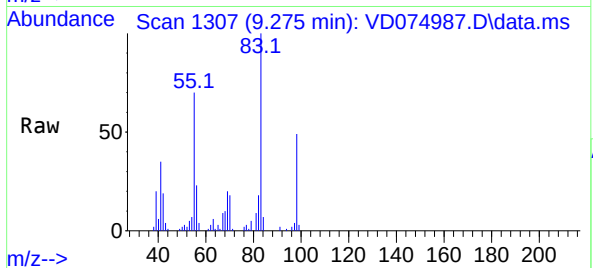
Tgt Ion: 83 Resp: 43003

Ion Ratio Lower Upper

83 100

55 70.1 49.0 73.4

98 49.1 41.7 62.5



#40

Benzene

Concen: 19.357 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074987.D

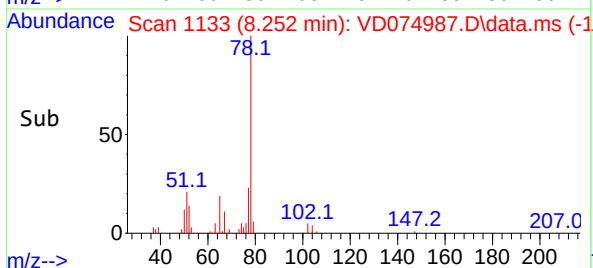
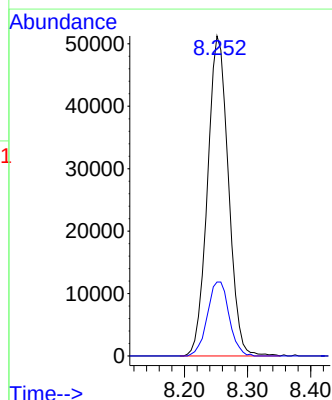
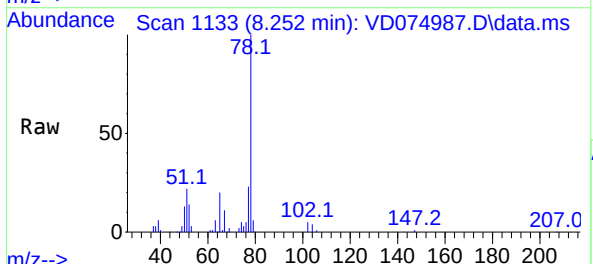
Acq: 18 Nov 2022 14:04

Tgt Ion: 78 Resp: 117899

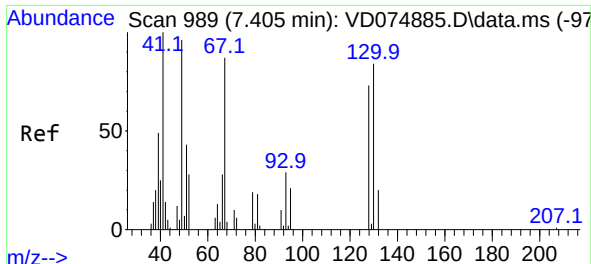
Ion Ratio Lower Upper

78 100

77 23.1 20.1 30.1





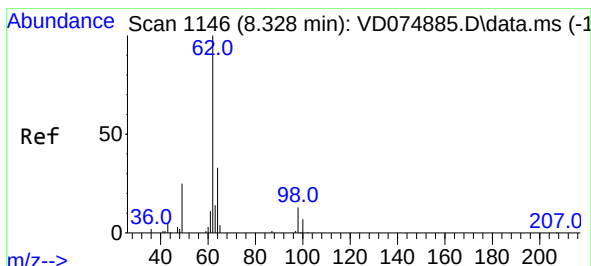
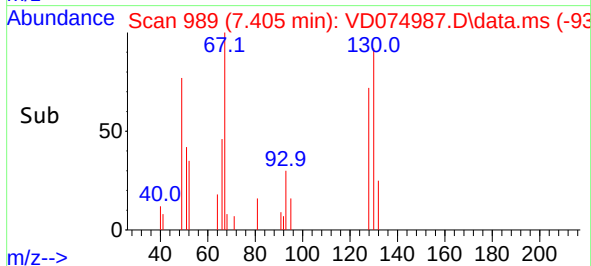
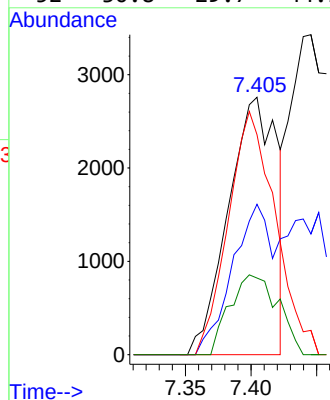
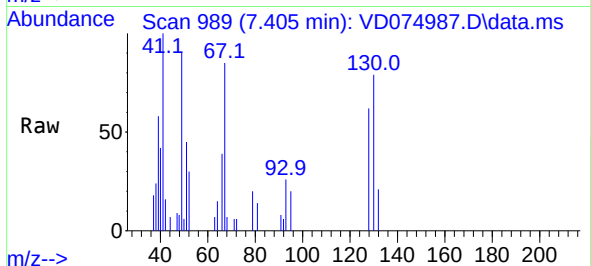


#41  
Methacrylonitrile  
Concen: 18.810 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

Tgt Ion: 41 Resp: 7091

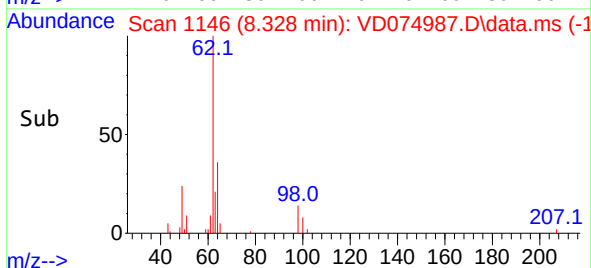
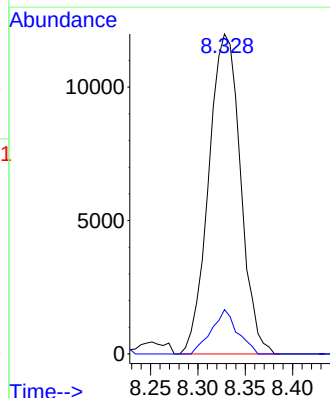
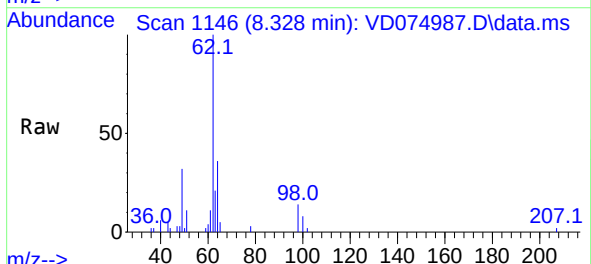
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 45.9  | 35.0  | 52.6  |
| 67  | 91.9  | 77.0  | 115.6 |
| 52  | 30.8  | 29.7  | 44.5  |

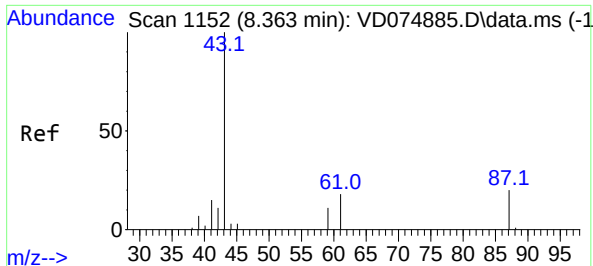


#42  
1,2-Dichloroethane  
Concen: 19.239 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 62 Resp: 28043

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.3  | 0.0   | 24.2  |





#43

Isopropyl Acetate

Concen: 18.322 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

VD1118SBSD01

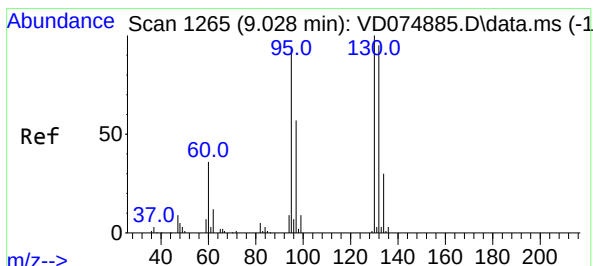
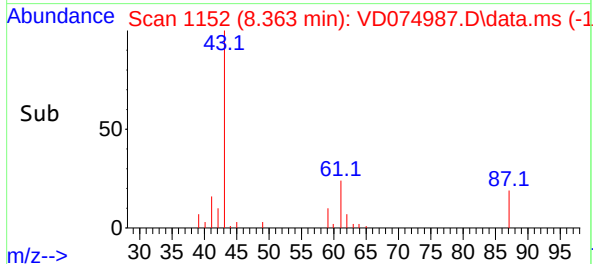
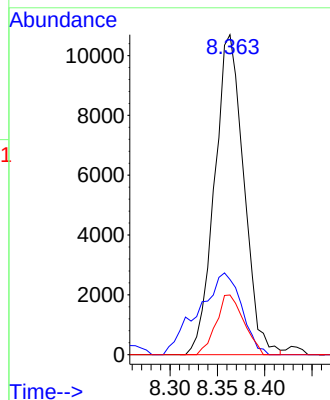
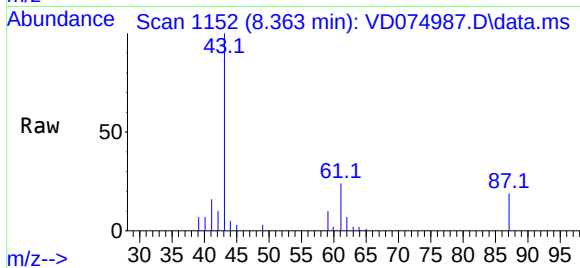
Tgt Ion: 43 Resp: 22936

Ion Ratio Lower Upper

43 100

61 37.8 30.9 46.3

87 17.7 14.3 21.5



#44

Trichloroethene

Concen: 20.950 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074987.D

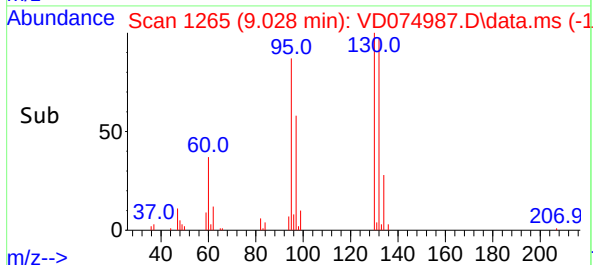
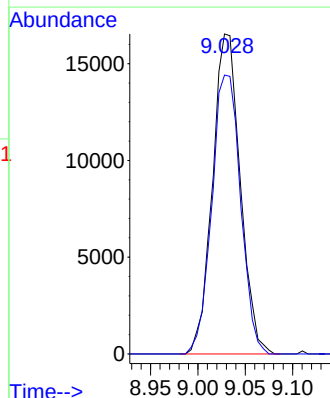
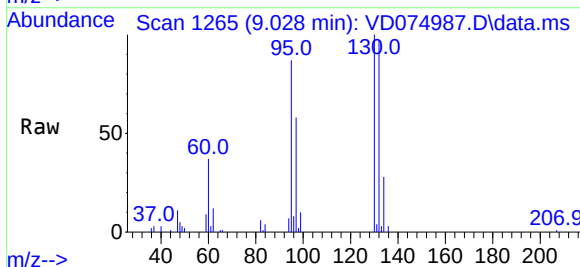
Acq: 18 Nov 2022 14:04

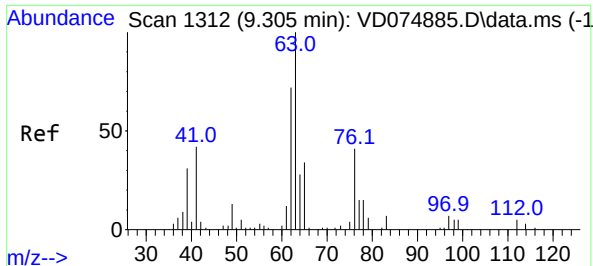
Tgt Ion:130 Resp: 33711

Ion Ratio Lower Upper

130 100

95 87.1 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.872 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

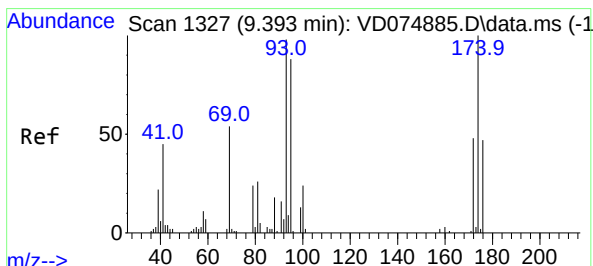
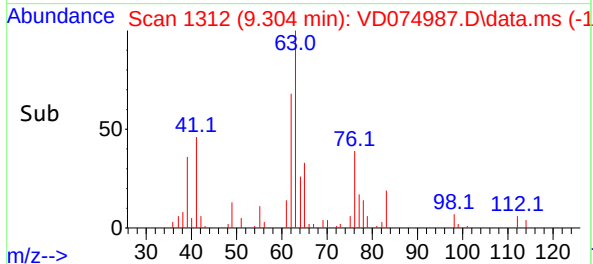
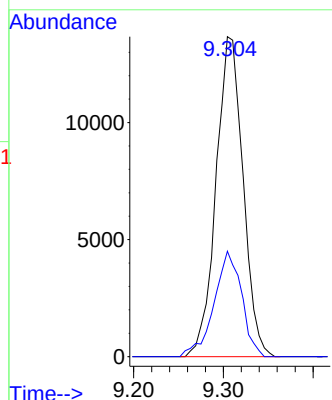
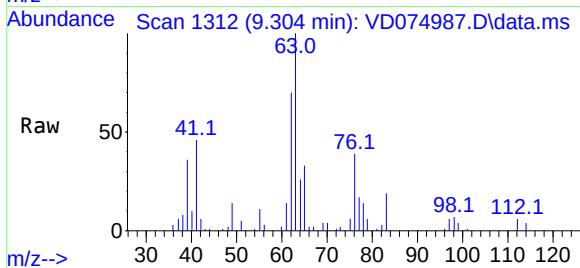
VD1118SBSD01

Tgt Ion: 63 Resp: 28564

Ion Ratio Lower Upper

63 100

65 33.0 23.1 34.7



#46

Dibromomethane

Concen: 20.707 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

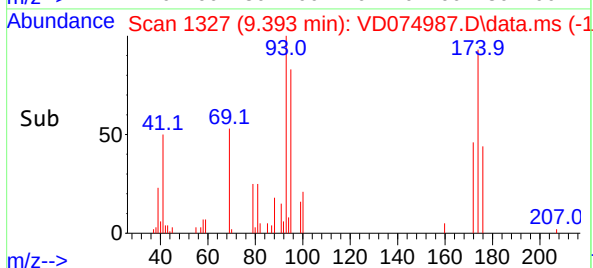
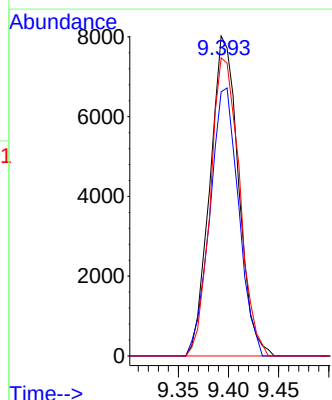
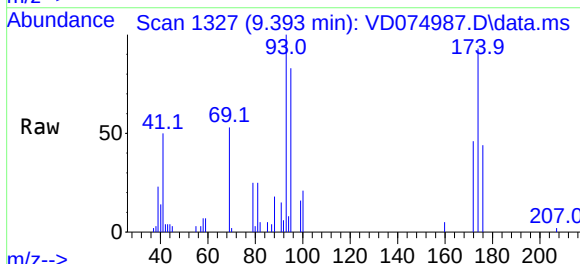
Tgt Ion: 93 Resp: 15870

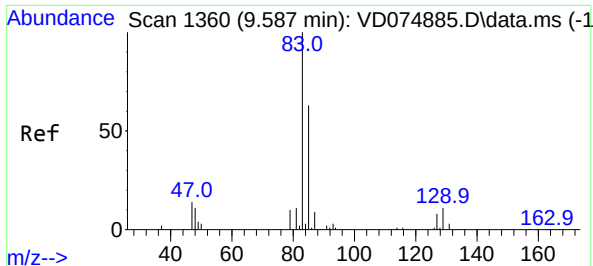
Ion Ratio Lower Upper

93 100

95 84.2 68.2 102.2

174 94.7 87.4 131.0

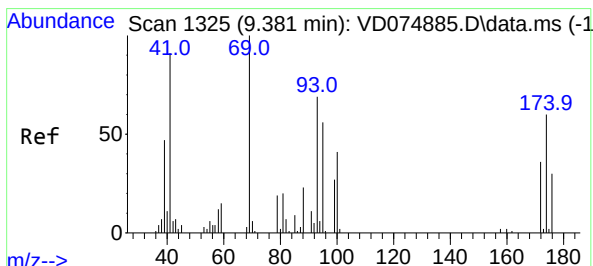
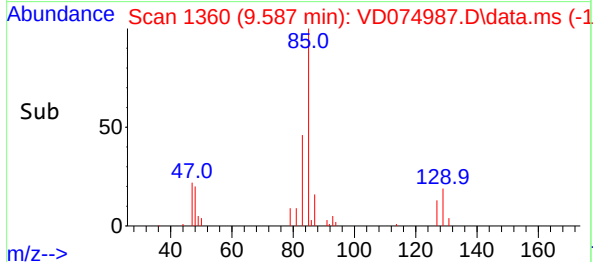
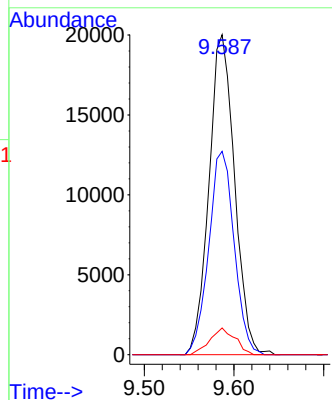
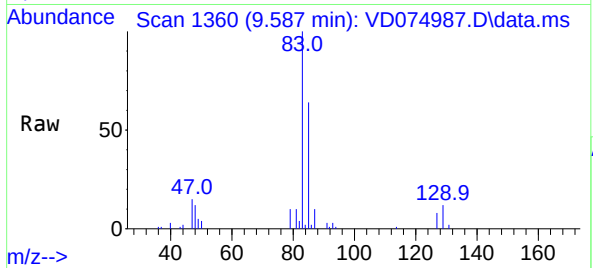




#47  
Bromodichloromethane  
Concen: 20.815 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

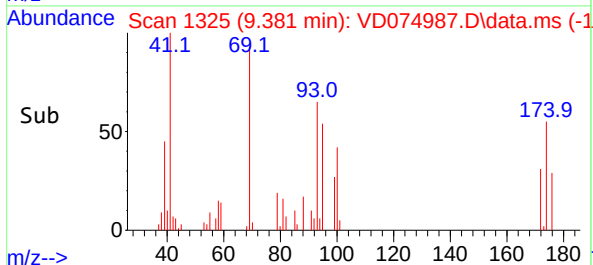
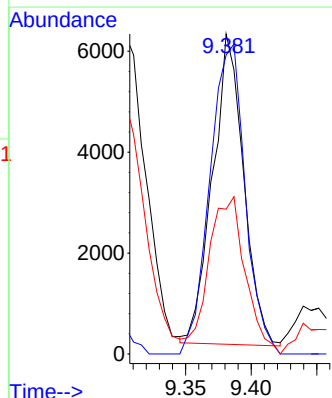
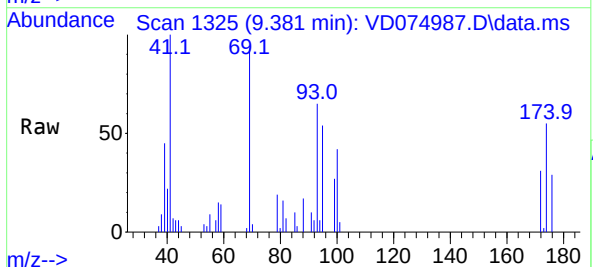
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

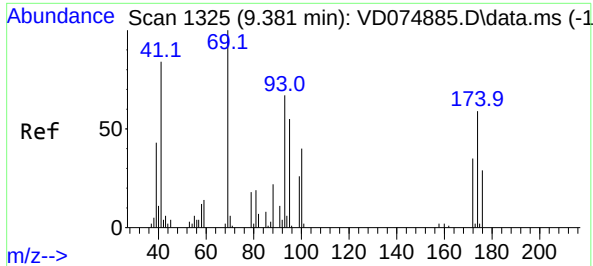
Tgt Ion: 83 Resp: 39592  
Ion Ratio Lower Upper  
83 100  
85 63.6 48.8 73.2  
127 8.4 6.7 10.1



#48  
Methyl methacrylate  
Concen: 18.260 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 41 Resp: 10126  
Ion Ratio Lower Upper  
41 100  
69 113.3 93.0 139.4  
39 60.4 44.6 66.8

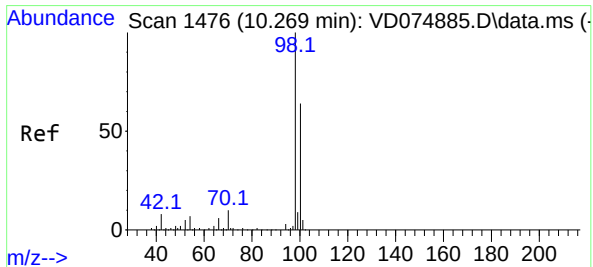
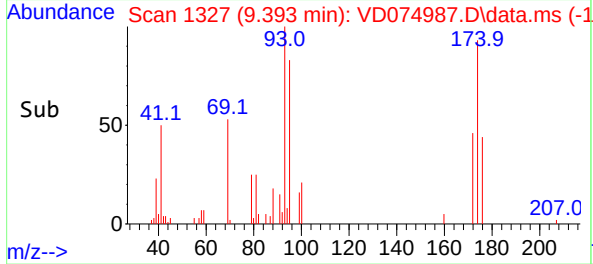
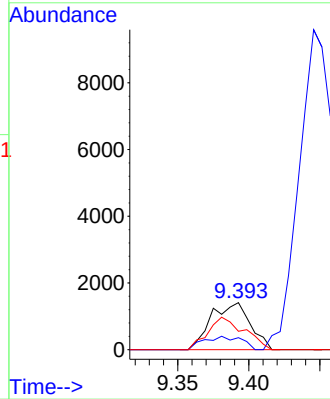
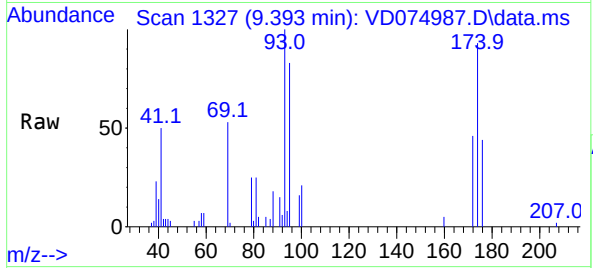




#49  
1,4-Dioxane  
Concen: 358.881 ug/l  
RT: 9.393 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

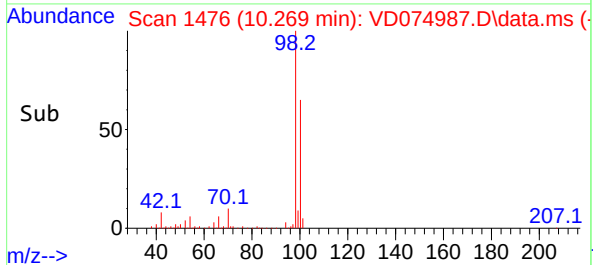
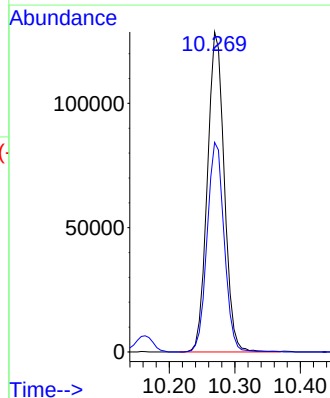
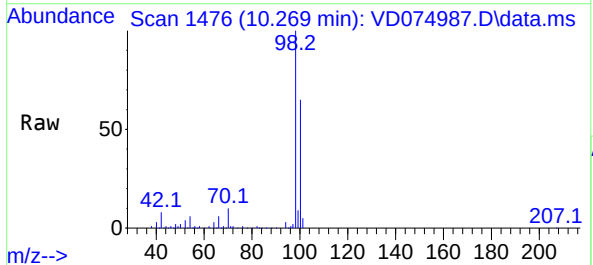
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

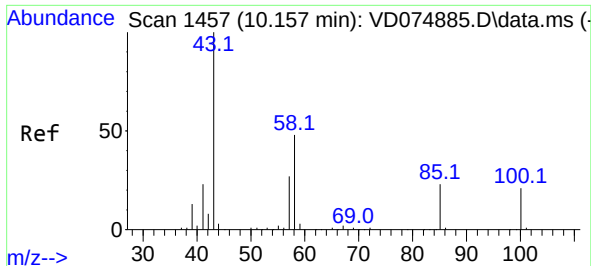
Tgt Ion: 88 Resp: 2699  
Ion Ratio Lower Upper  
88 100  
43 27.5 24.1 36.1  
58 64.4 43.1 64.7



#50  
Toluene-d8  
Concen: 48.539 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 98 Resp: 230440  
Ion Ratio Lower Upper  
98 100  
100 66.3 51.4 77.0

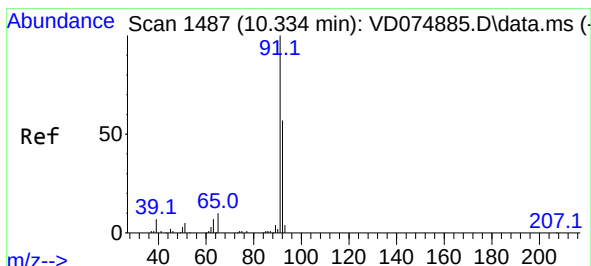
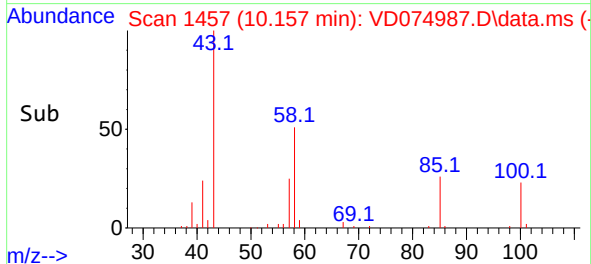
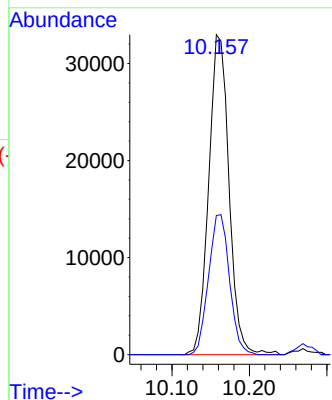
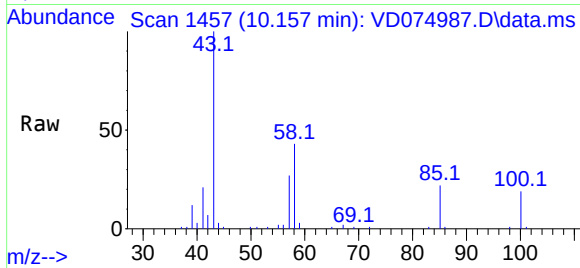




#51  
4-Methyl-2-Pentanone  
Concen: 100.836 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

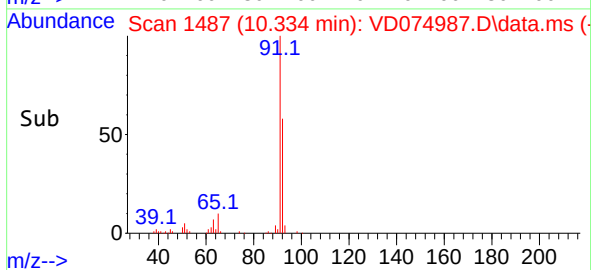
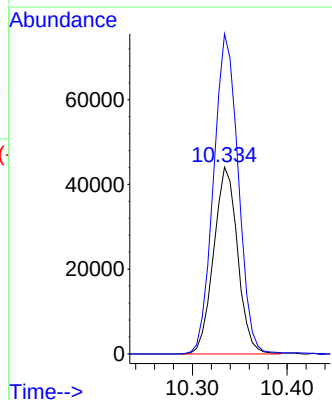
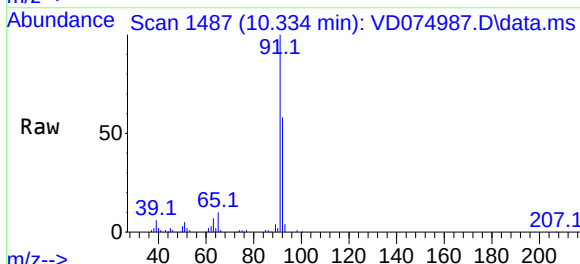
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

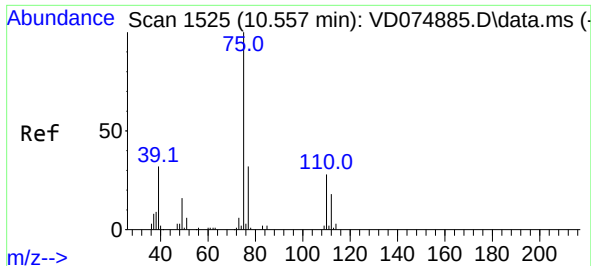
Tgt Ion: 43 Resp: 60178  
Ion Ratio Lower Upper  
43 100  
58 45.1 37.8 56.6



#52  
Toluene  
Concen: 21.307 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 92 Resp: 77594  
Ion Ratio Lower Upper  
92 100  
91 176.9 139.0 208.4

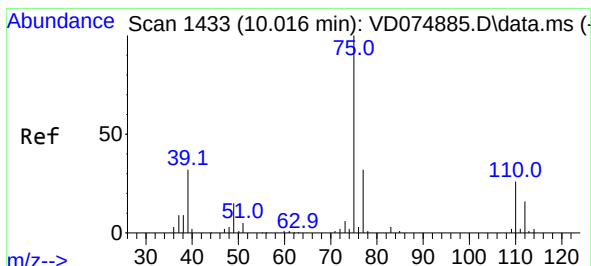
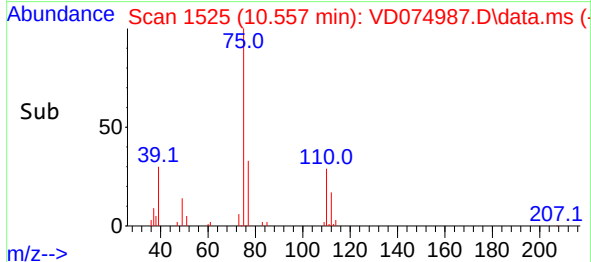
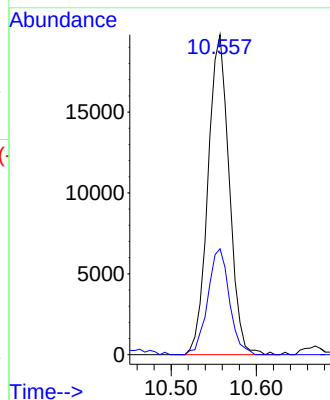
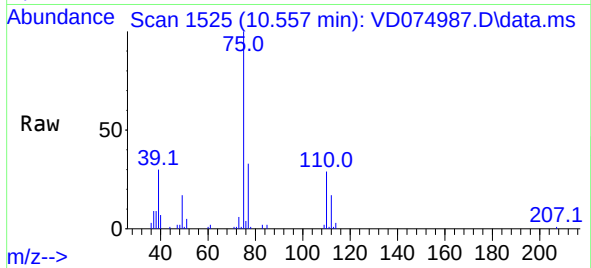




#53  
t-1,3-Dichloropropene  
Concen: 20.315 ug/l  
RT: 10.557 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

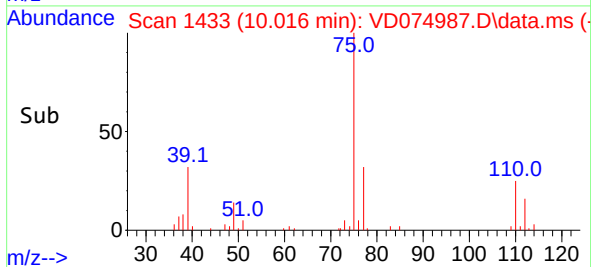
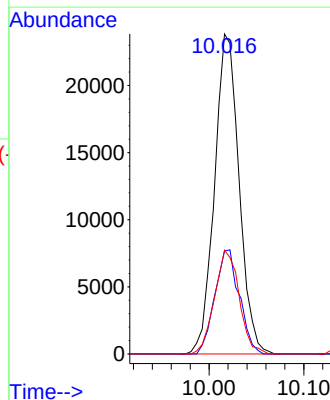
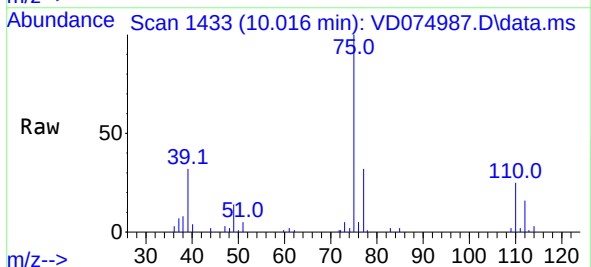
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

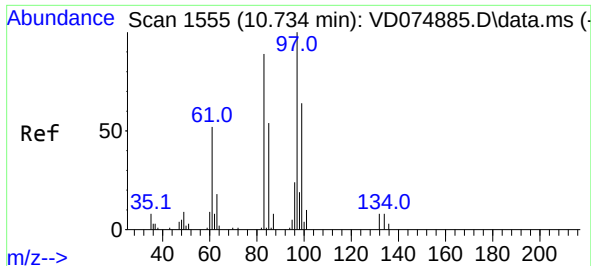
Tgt Ion: 75 Resp: 34136  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.845 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 75 Resp: 42955  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.7 37.1  
39 32.5 25.4 38.2

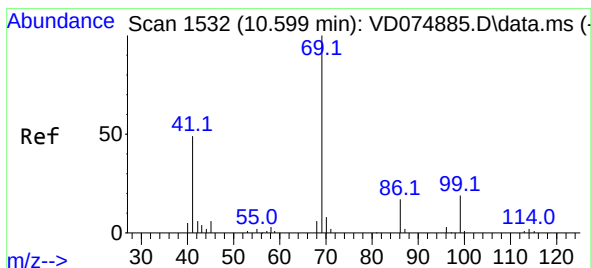
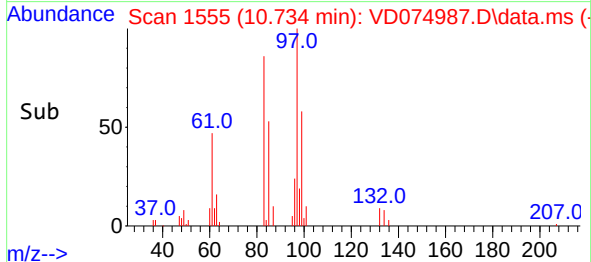
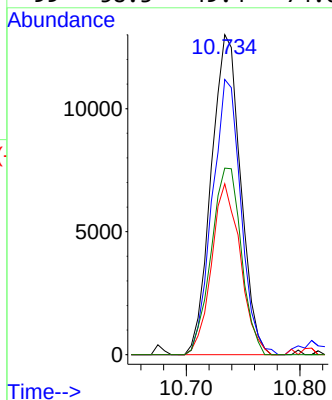
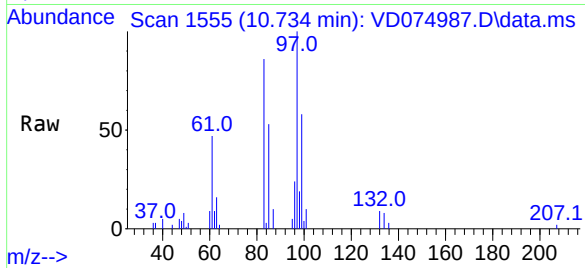




#55  
1,1,2-Trichloroethane  
Concen: 21.849 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

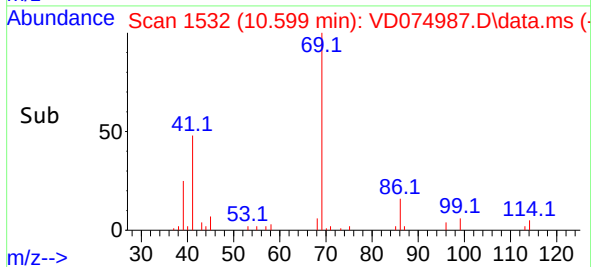
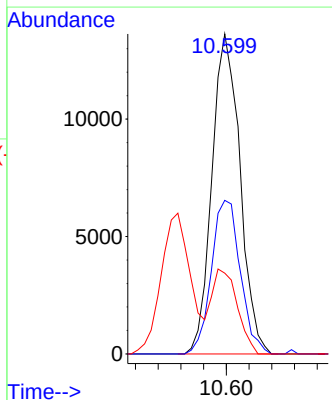
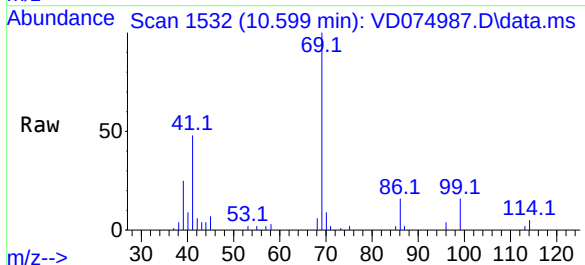
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 23284 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.0     | 64.8 97.2   |
| 85 53.4     | 44.8 67.2   |
| 99 58.3     | 49.4 74.0   |

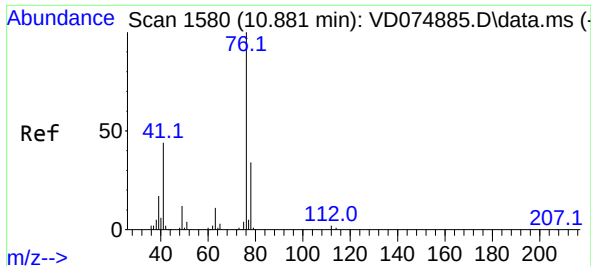


#56  
Ethyl methacrylate  
Concen: 19.920 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. -0.001 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 23390 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 49.5     | 38.6 58.0   |
| 39 24.1     | 19.9 29.9   |







#57

1,3-Dichloropropane

Concen: 21.123 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

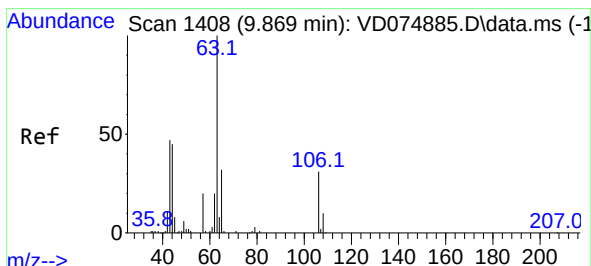
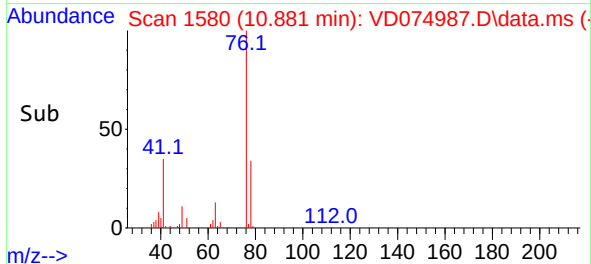
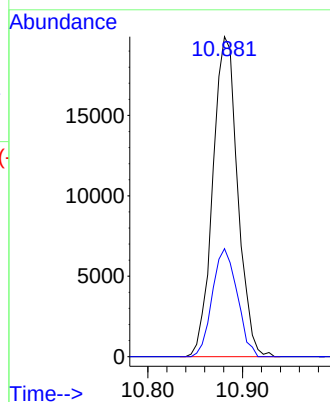
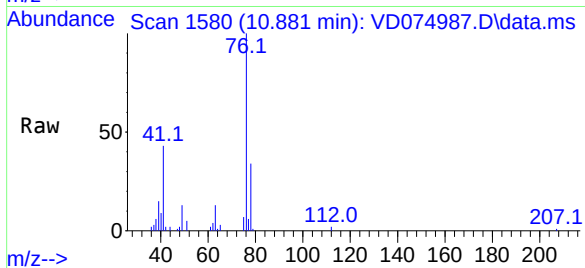
VD1118SBS01

Tgt Ion: 76 Resp: 36190

Ion Ratio Lower Upper

76 100

78 33.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 97.517 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074987.D

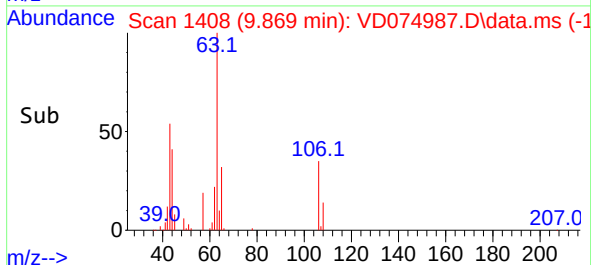
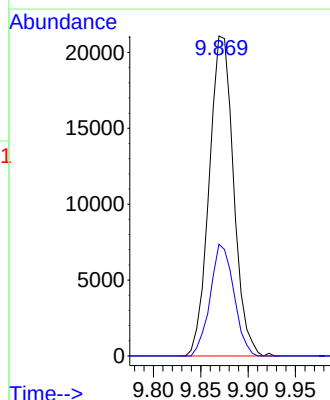
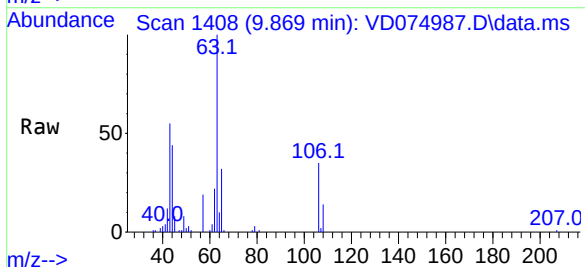
Acq: 18 Nov 2022 14:04

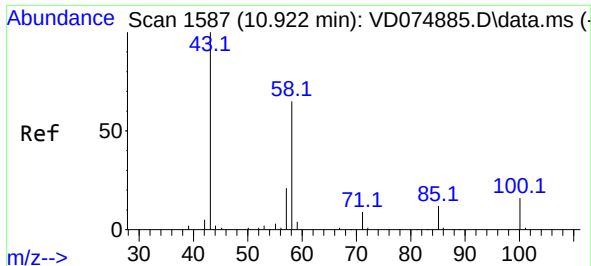
Tgt Ion: 63 Resp: 37875

Ion Ratio Lower Upper

63 100

106 33.8 26.5 39.7

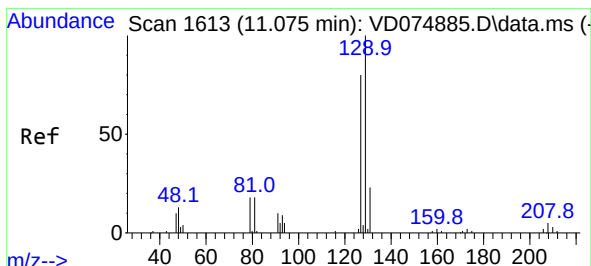
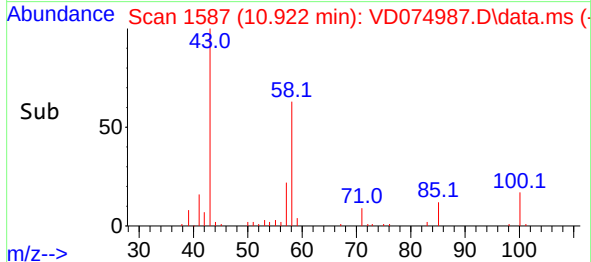
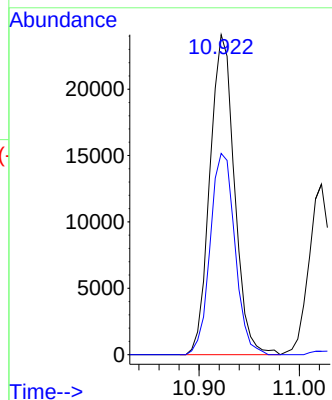
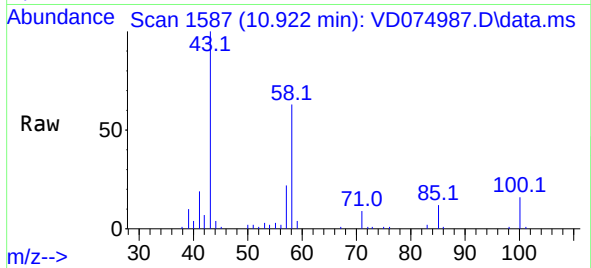




#59  
2-Hexanone  
Concen: 98.453 ug/l  
RT: 10.922 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

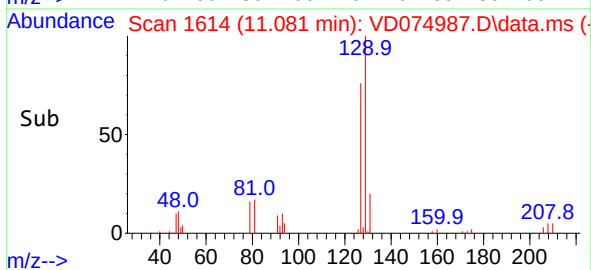
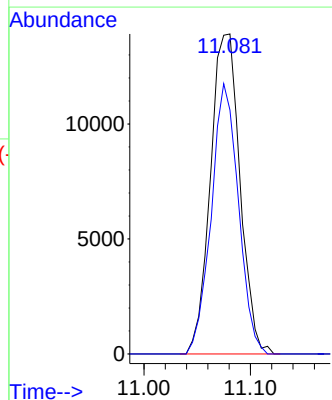
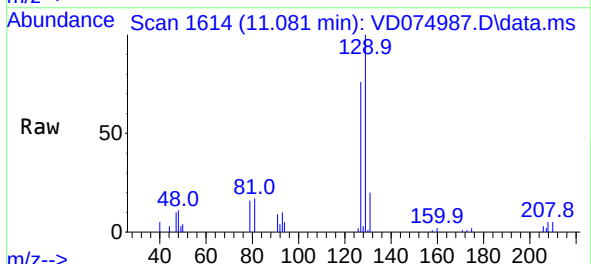
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

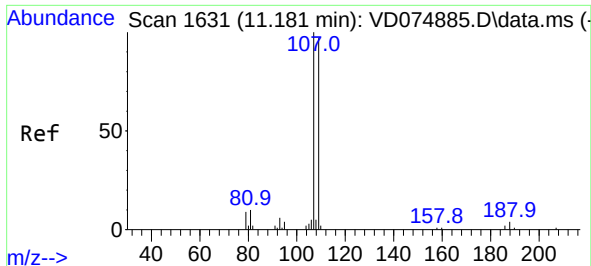
Tgt Ion: 43 Resp: 40960  
Ion Ratio Lower Upper  
43 100  
58 63.6 32.0 96.2



#60  
Dibromochloromethane  
Concen: 21.233 ug/l  
RT: 11.081 min Scan# 1614  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 129 Resp: 26843  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.1 117.2

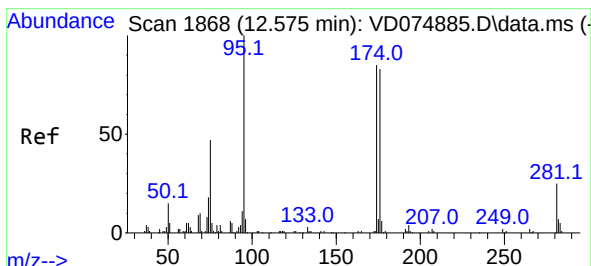
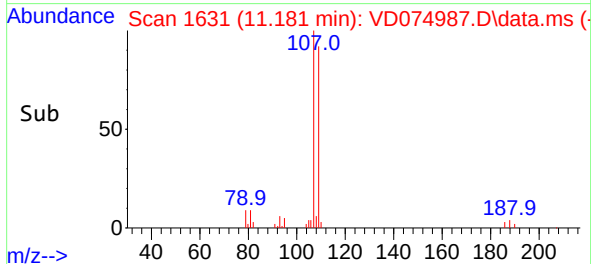
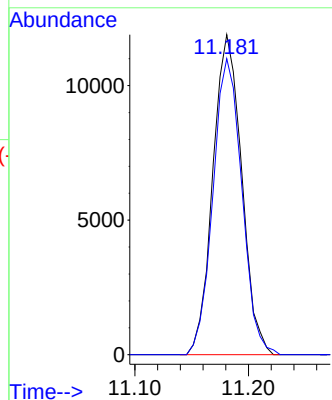
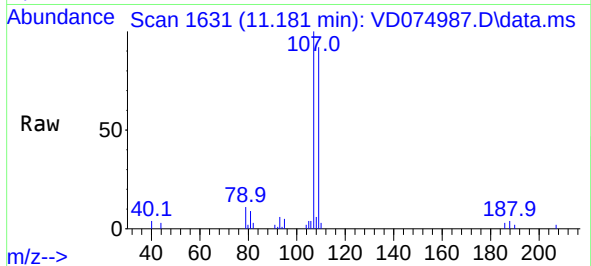




#61  
1,2-Dibromoethane  
Concen: 20.990 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

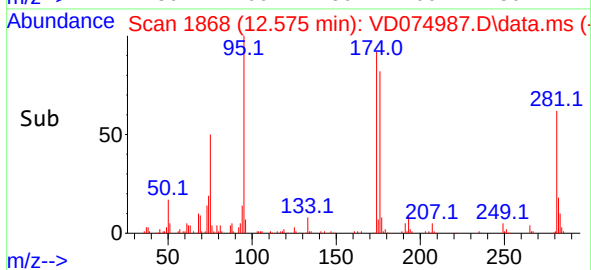
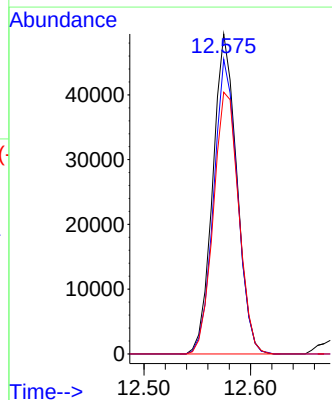
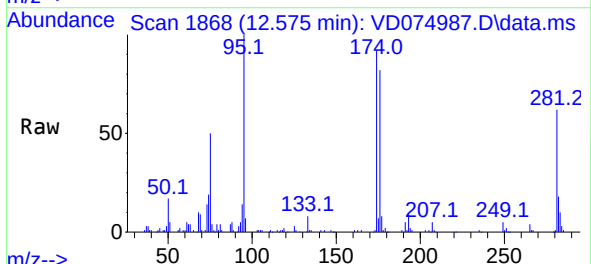
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

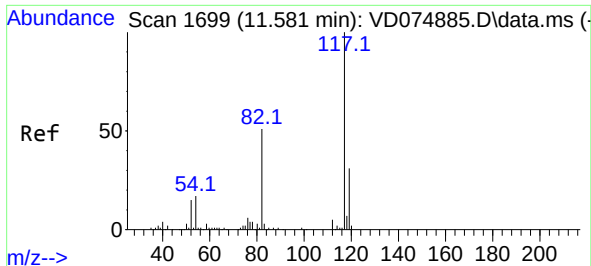
Tgt Ion:107 Resp: 20920  
Ion Ratio Lower Upper  
107 100  
109 92.8 74.6 111.8



#62  
4-Bromofluorobenzene  
Concen: 52.935 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 95 Resp: 77169  
Ion Ratio Lower Upper  
95 100  
174 91.2 0.0 197.0  
176 86.2 0.0 182.6

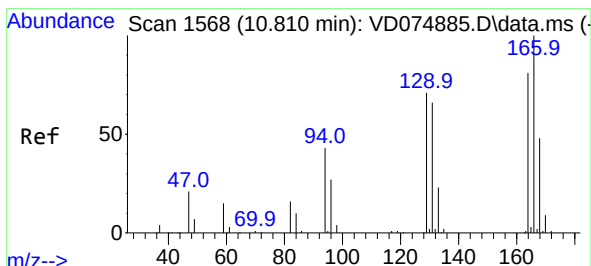
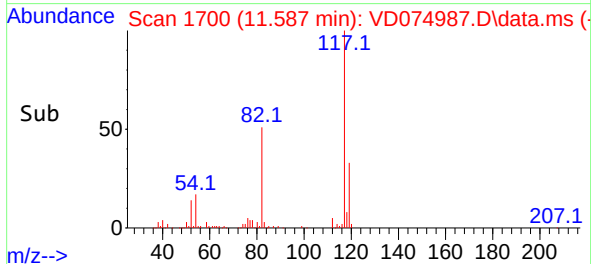
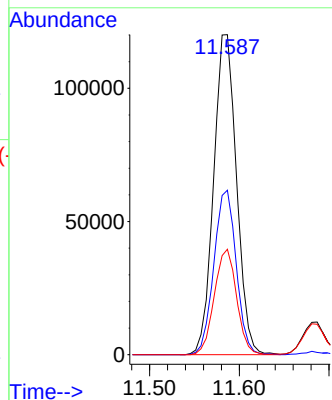
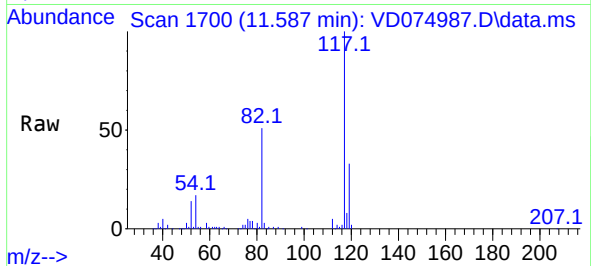




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.587 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

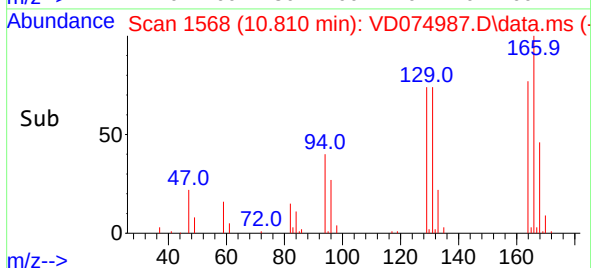
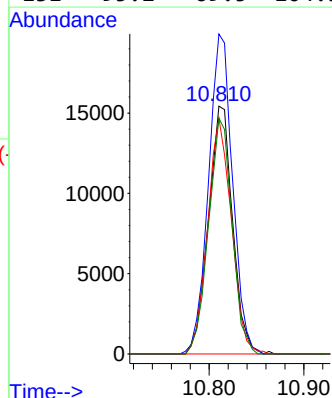
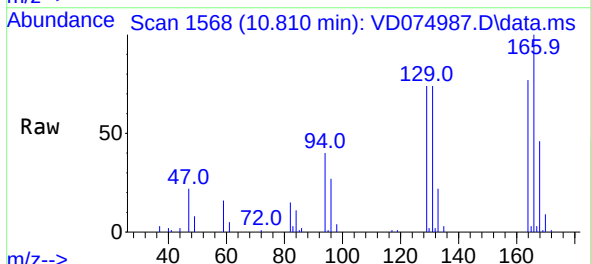
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

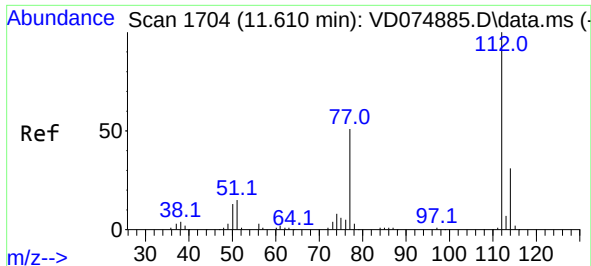
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 213190 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 51.4  | 41.6  | 62.4   |
| 119      | 32.9  | 25.2  | 37.8   |



#64  
Tetrachloroethene  
Concen: 19.143 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 27363 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 129.1 | 107.8 | 161.8 |
| 129      | 95.2  | 77.4  | 116.2 |
| 131      | 95.2  | 69.5  | 104.3 |

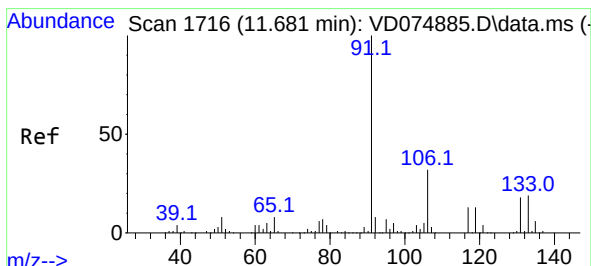
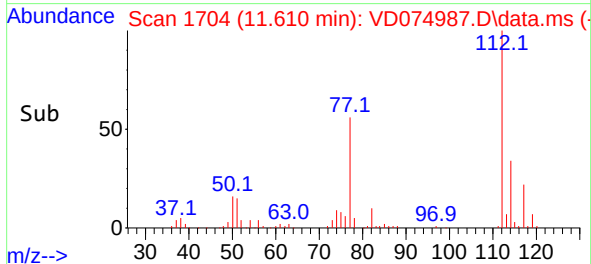
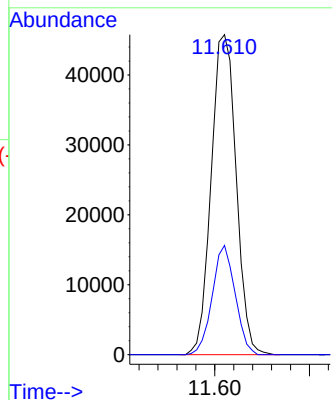
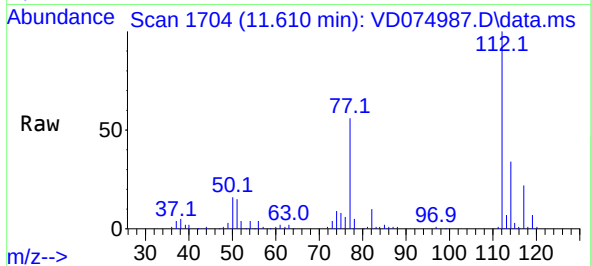




#65  
Chlorobenzene  
Concen: 20.106 ug/l  
RT: 11.610 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

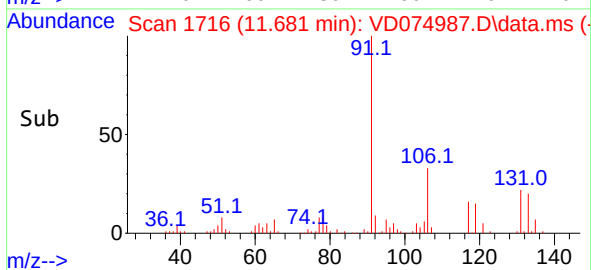
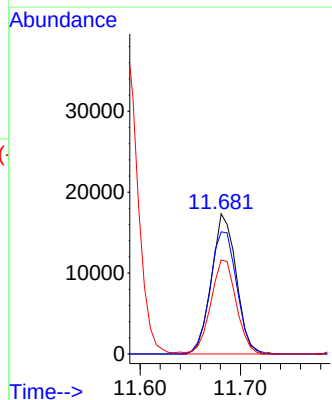
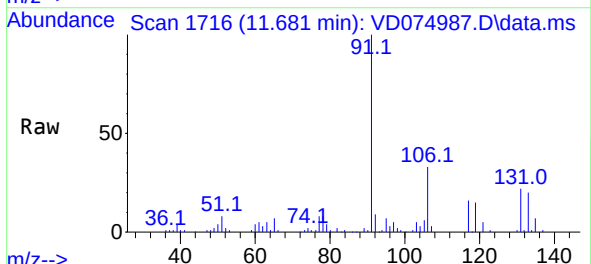
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

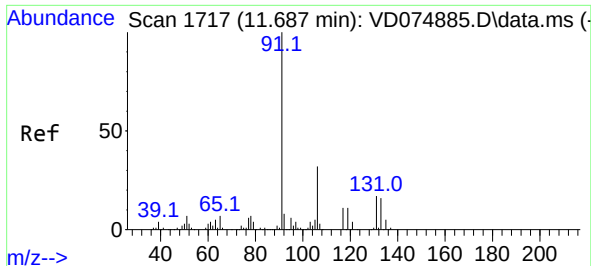
Tgt Ion:112 Resp: 83854  
Ion Ratio Lower Upper  
112 100  
114 34.1 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.257 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:131 Resp: 29600  
Ion Ratio Lower Upper  
131 100  
133 94.1 46.6 139.8  
119 69.4 32.5 97.4

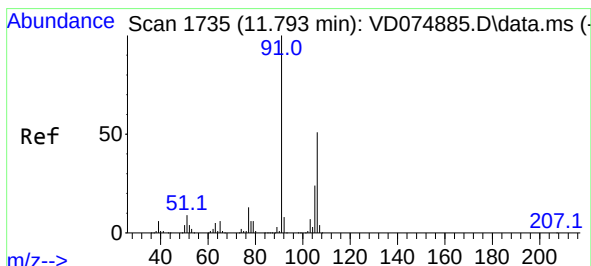
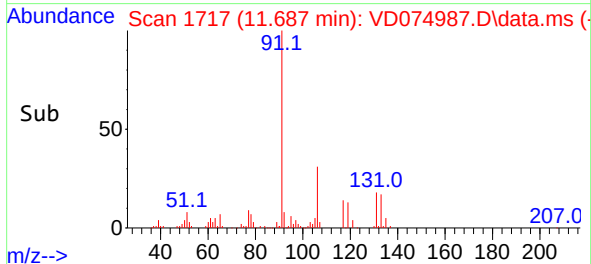
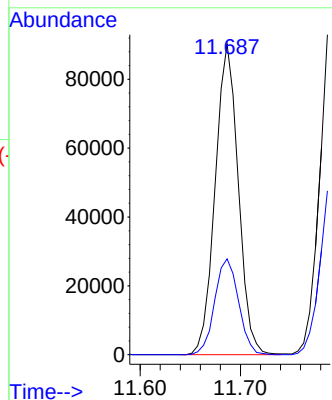
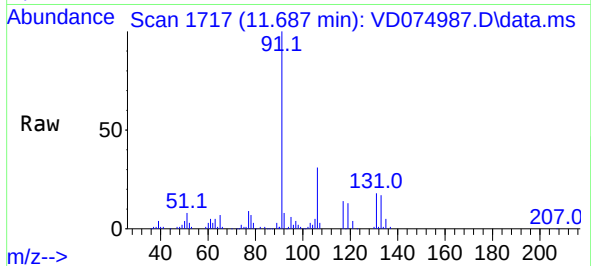




#67  
Ethyl Benzene  
Concen: 19.865 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

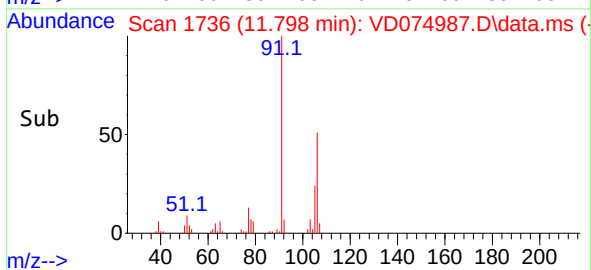
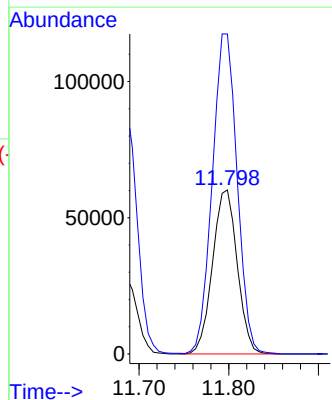
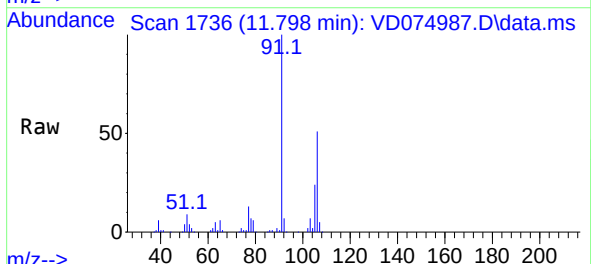
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

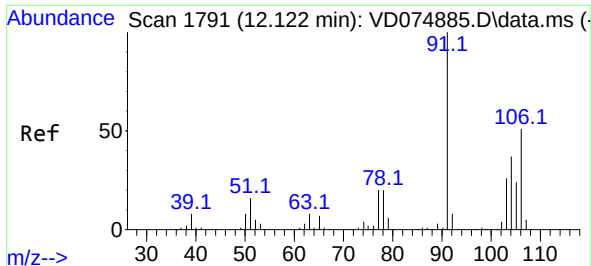
Tgt Ion: 91 Resp: 144335  
Ion Ratio Lower Upper  
91 100  
106 30.8 26.6 40.0



#68  
m/p-Xylenes  
Concen: 39.711 ug/l  
RT: 11.798 min Scan# 1736  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:106 Resp: 115042  
Ion Ratio Lower Upper  
106 100  
91 196.5 156.2 234.4

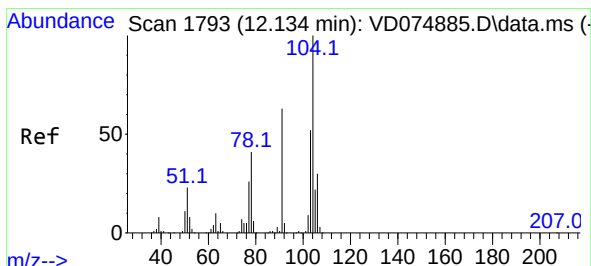
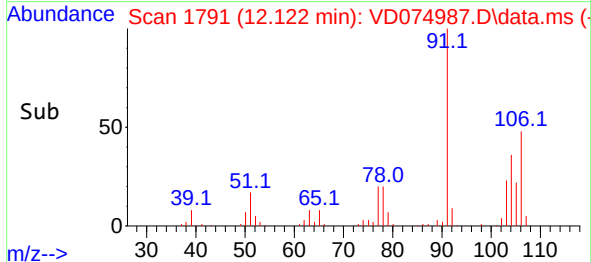
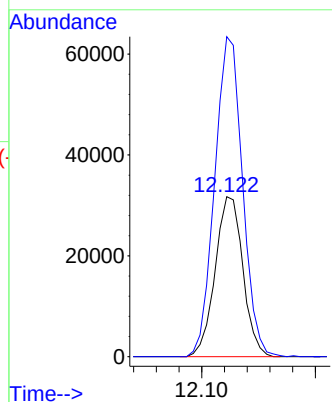
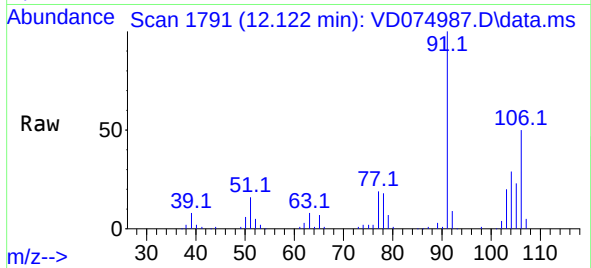




#69  
o-Xylene  
Concen: 20.167 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

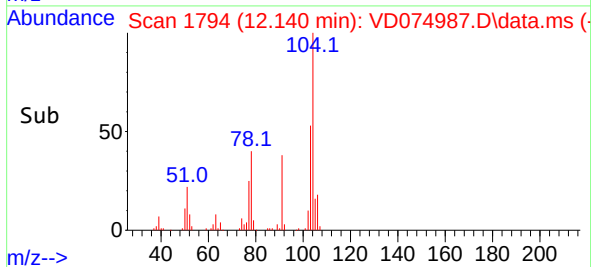
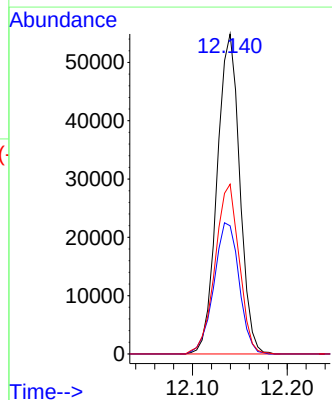
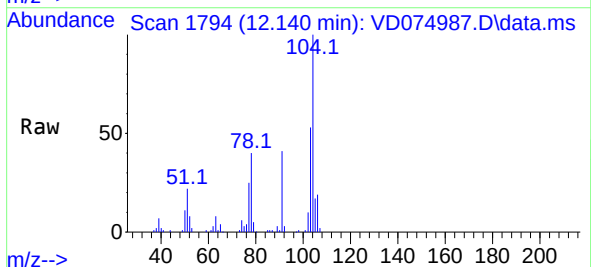
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

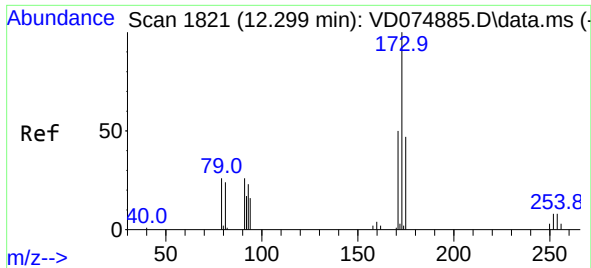
Tgt Ion:106 Resp: 53752  
Ion Ratio Lower Upper  
106 100  
91 201.1 104.5 313.3



#70  
Styrene  
Concen: 19.951 ug/l  
RT: 12.140 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:104 Resp: 91150  
Ion Ratio Lower Upper  
104 100  
78 45.7 35.7 53.5  
103 56.5 43.7 65.5

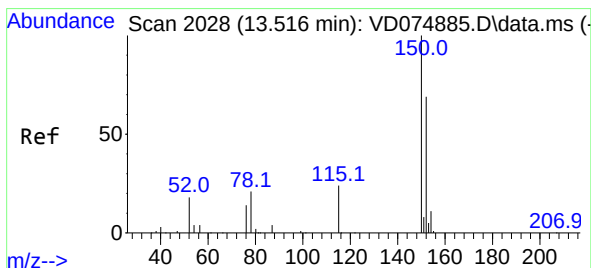
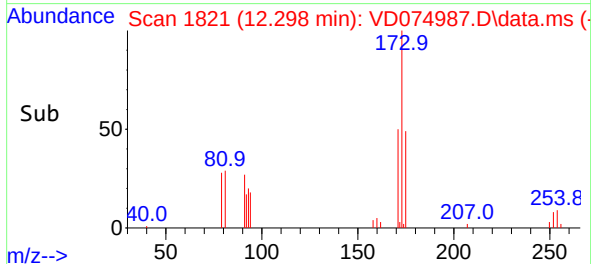
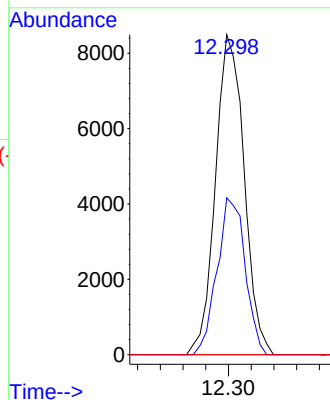
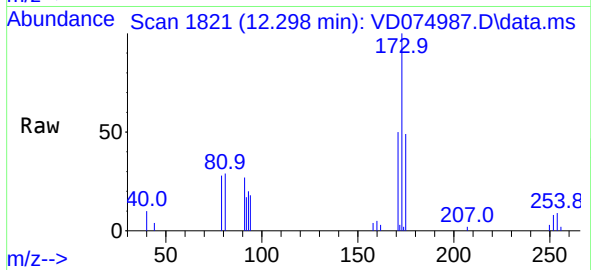




#71  
Bromoform  
Concen: 19.682 ug/l  
RT: 12.298 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

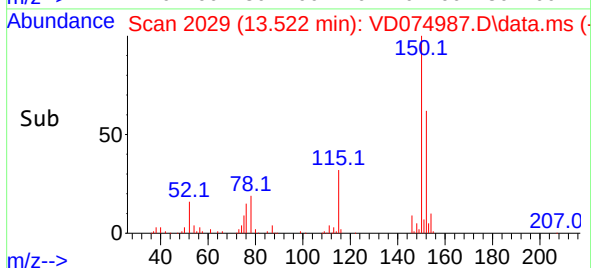
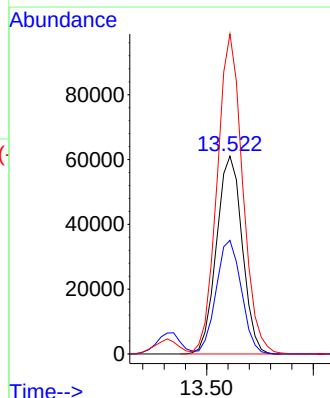
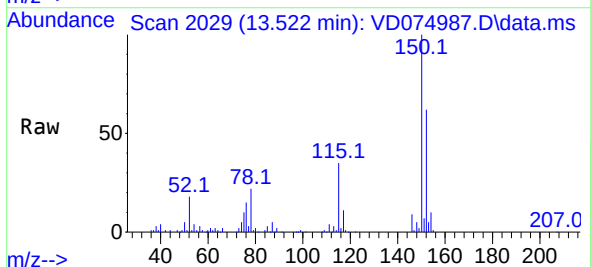
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 14885 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.9  | 23.1  | 69.3  |
| 254       | 0.0   | 0.0   | 0.0   |

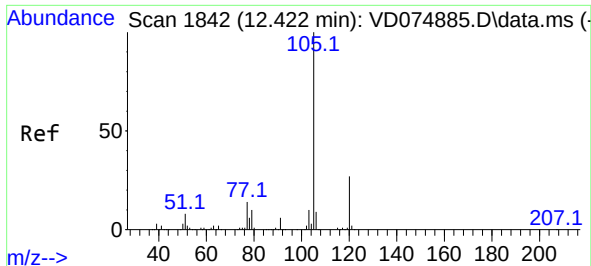


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 102227 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 56.6  | 26.8  | 80.4   |
| 150       | 160.5 | 0.0   | 348.2  |



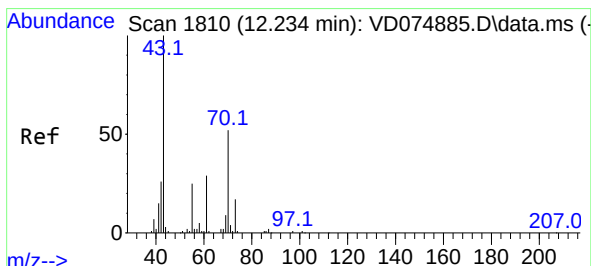
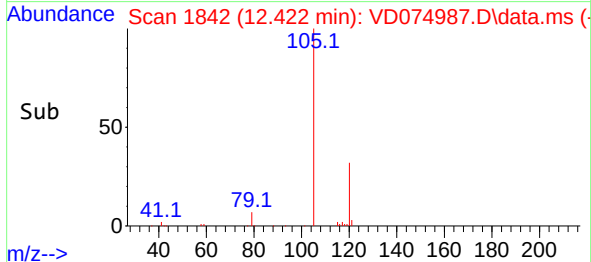
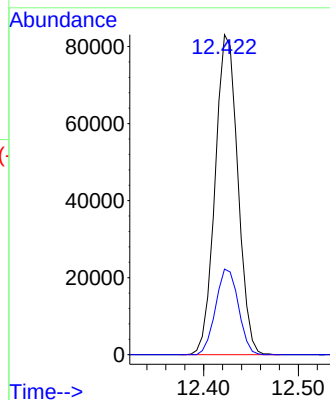
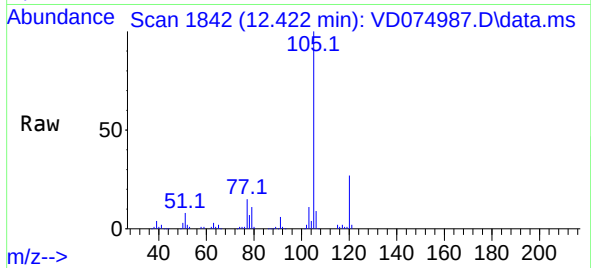




#73  
Isopropylbenzene  
Concen: 19.672 ug/l  
RT: 12.422 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

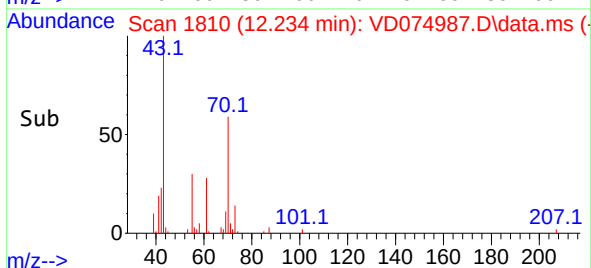
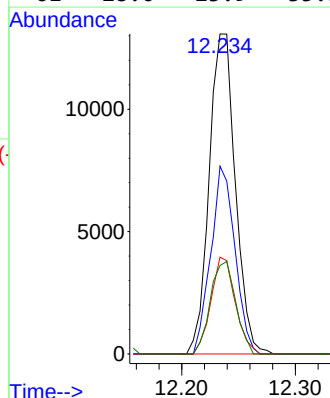
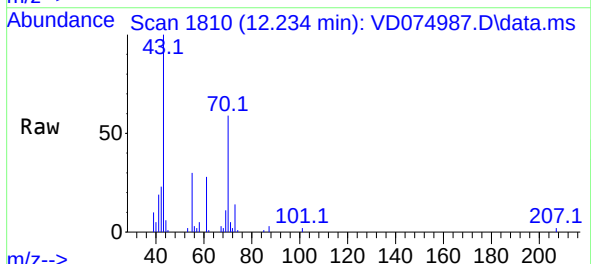
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

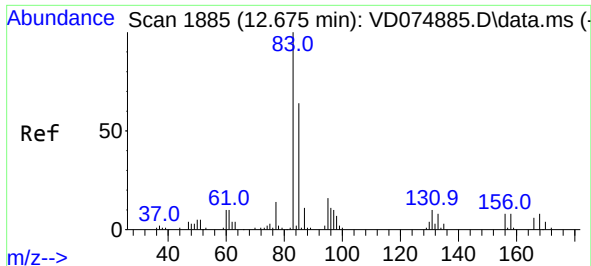
Tgt Ion:105 Resp: 138414  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.096 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 43 Resp: 20949  
Ion Ratio Lower Upper  
43 100  
70 54.2 43.8 65.6  
55 28.1 22.0 33.0  
61 28.0 23.9 35.9

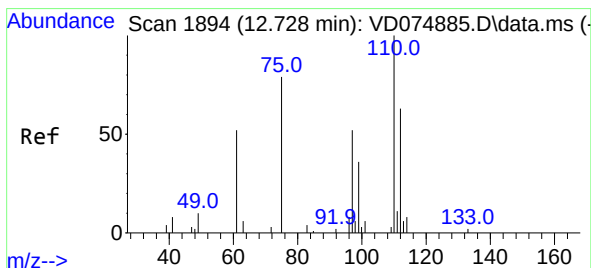
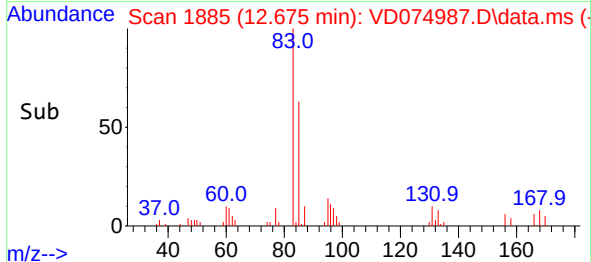
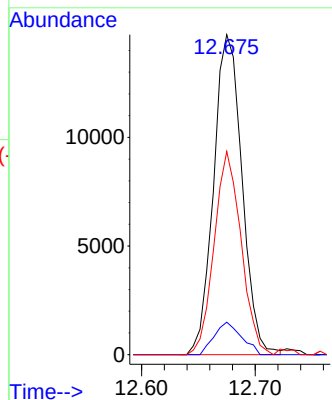
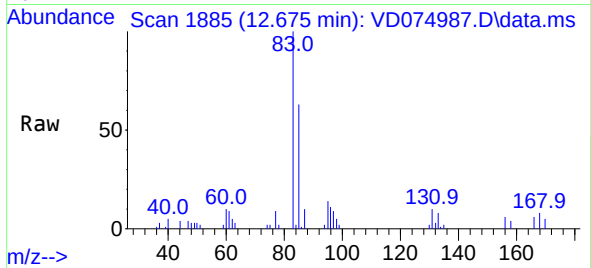




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.602 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

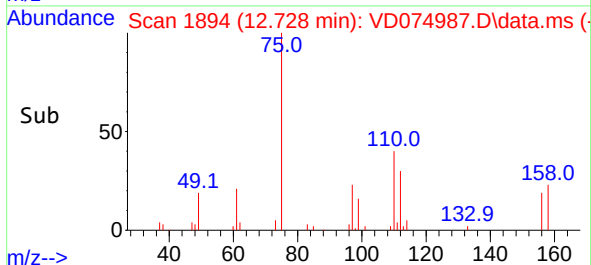
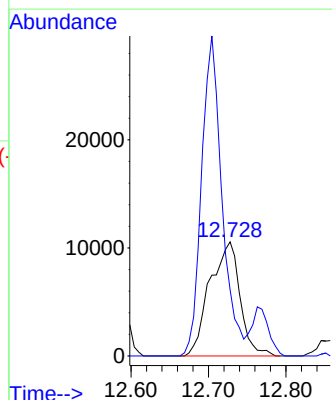
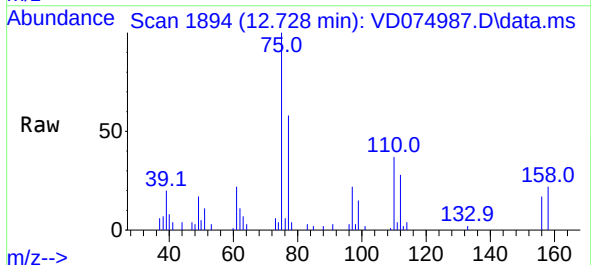
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

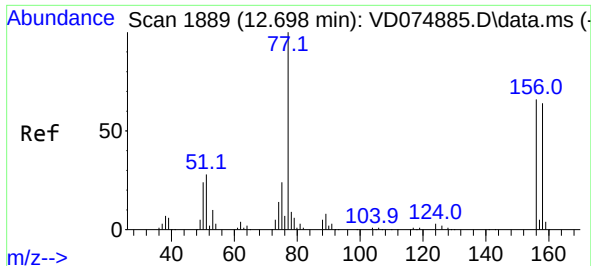
Tgt Ion: 83 Resp: 25641  
Ion Ratio Lower Upper  
83 100  
131 9.7 4.7 14.1  
85 60.1 33.1 99.2



#76  
1,2,3-Trichloropropane  
Concen: 33.346 ug/l  
RT: 12.728 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 75 Resp: 28512  
Ion Ratio Lower Upper  
75 100  
77 0.0 185.8 557.5#

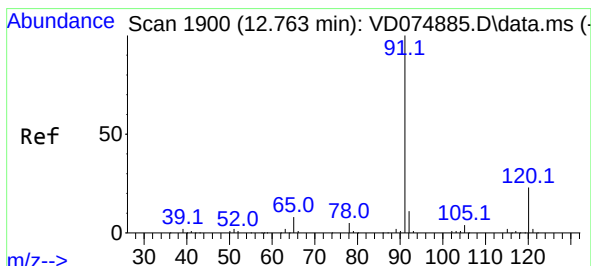
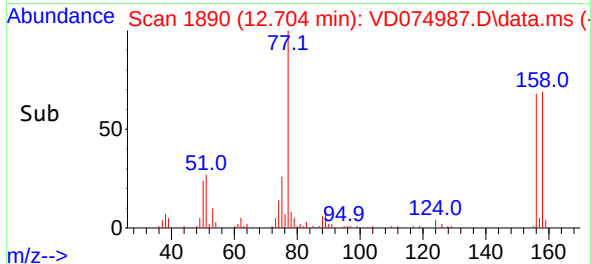
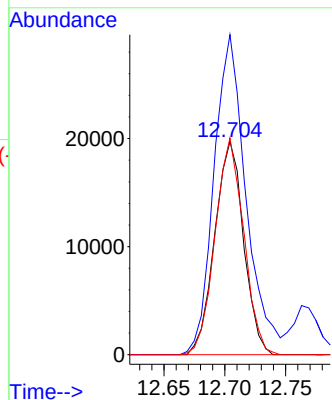
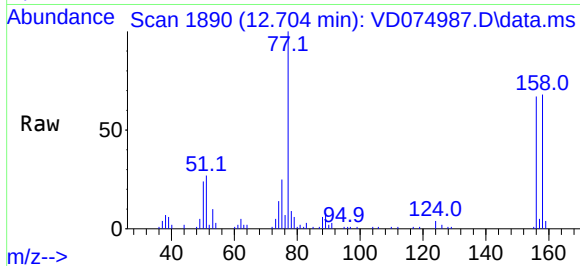




#77  
Bromobenzene  
Concen: 19.784 ug/l  
RT: 12.704 min Scan# 1889  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

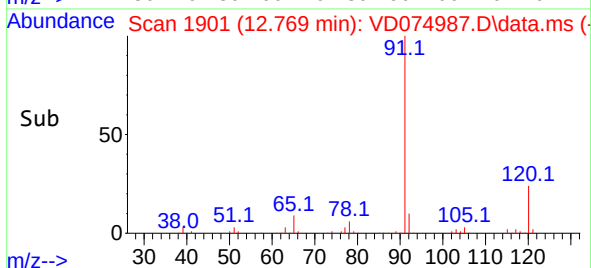
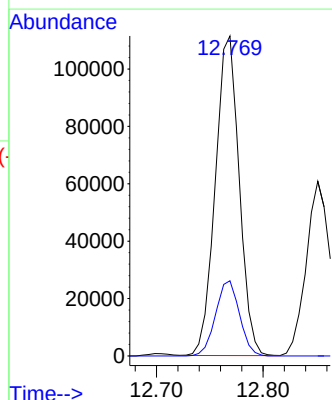
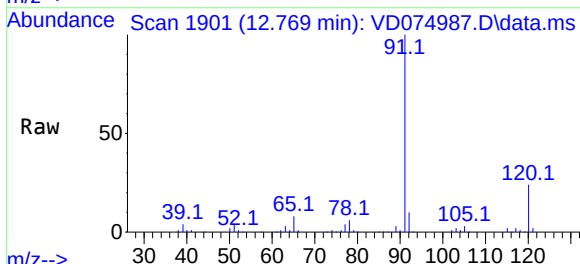
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

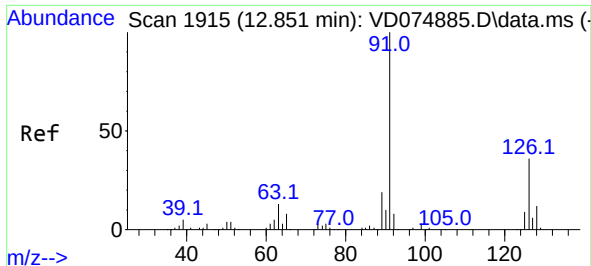
Tgt Ion:156 Resp: 32576  
Ion Ratio Lower Upper  
156 100  
77 166.1 77.7 233.1  
158 100.6 49.4 148.2



#78  
n-propylbenzene  
Concen: 20.033 ug/l  
RT: 12.769 min Scan# 1901  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 91 Resp: 173263  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.9 35.7

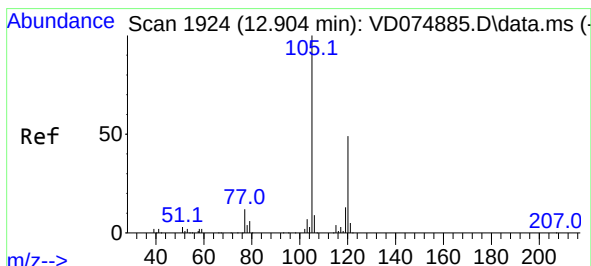
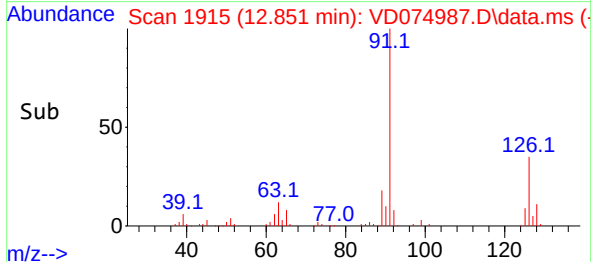
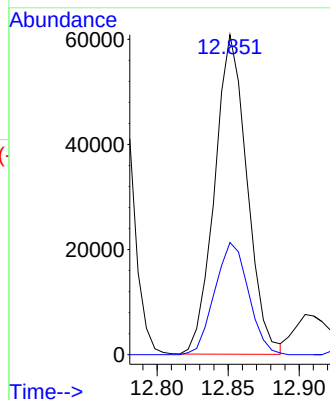
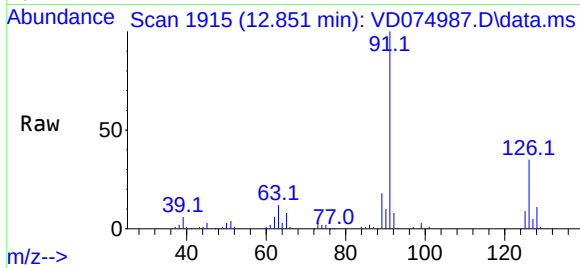




#79  
2-Chlorotoluene  
Concen: 20.682 ug/l  
RT: 12.851 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

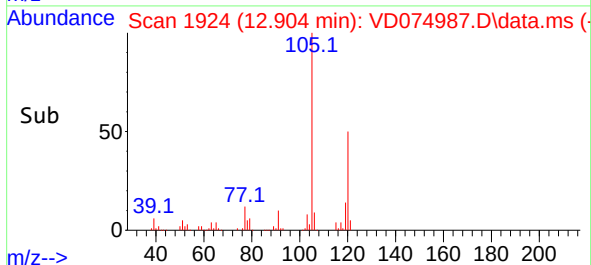
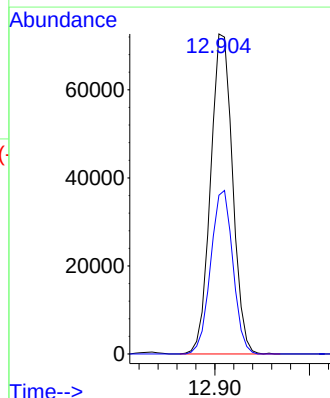
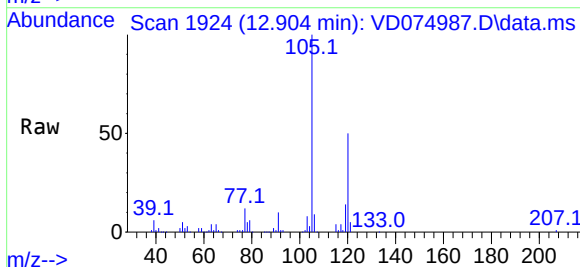
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

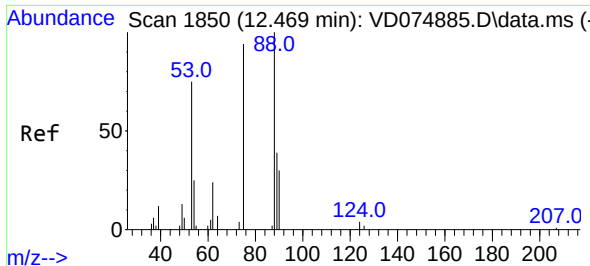
Tgt Ion: 91 Resp: 96385  
Ion Ratio Lower Upper  
91 100  
126 36.6 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.006 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 105 Resp: 117292  
Ion Ratio Lower Upper  
105 100  
120 51.6 25.7 77.0

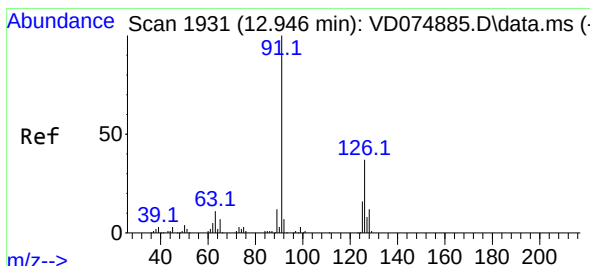
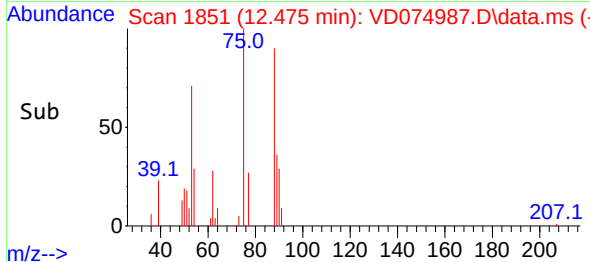
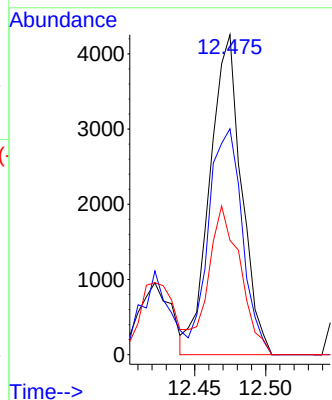
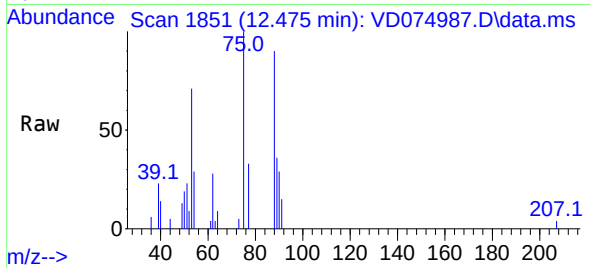




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.966 ug/l  
RT: 12.475 min Scan# 1851  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

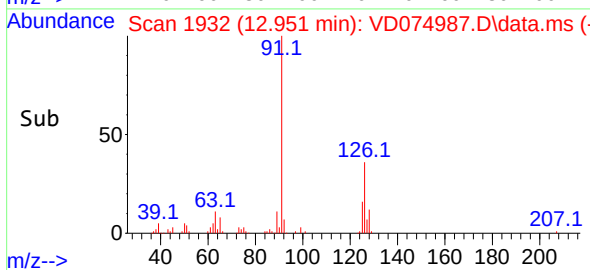
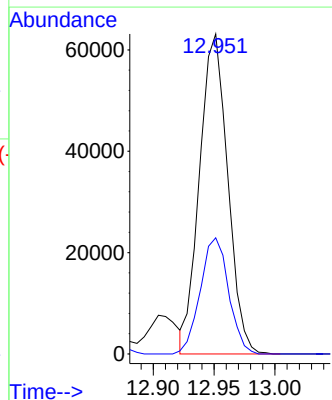
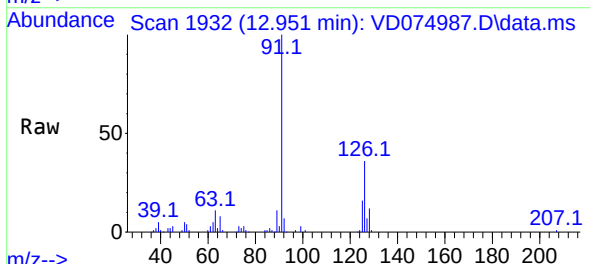
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

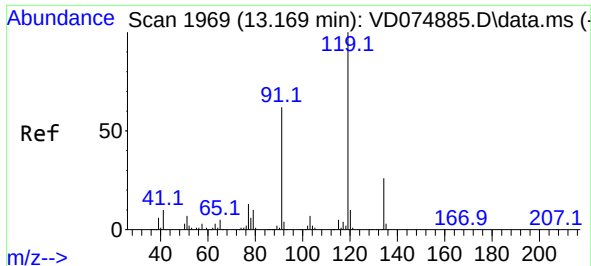
Tgt Ion: 75 Resp: 6592  
Ion Ratio Lower Upper  
75 100  
53 74.9 63.8 95.6  
89 46.6 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 20.936 ug/l  
RT: 12.951 min Scan# 1932  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 91 Resp: 101604  
Ion Ratio Lower Upper  
91 100  
126 36.5 18.8 56.4

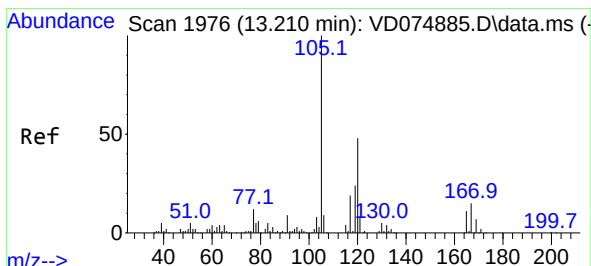
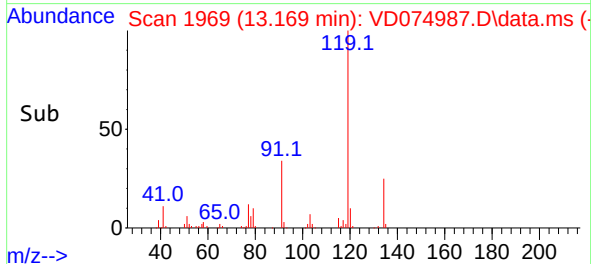
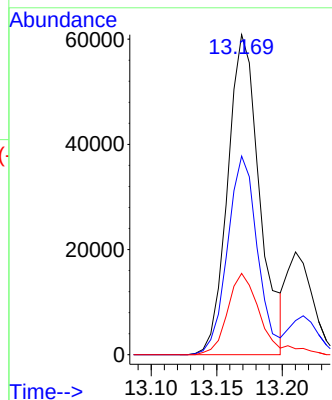
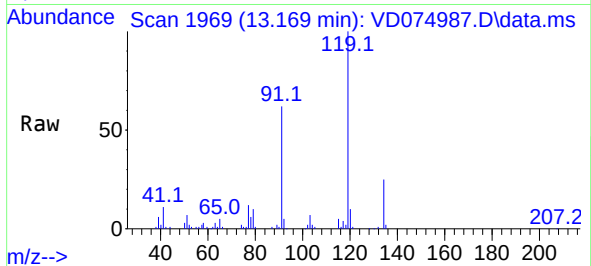




#83  
tert-Butylbenzene  
Concen: 20.272 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

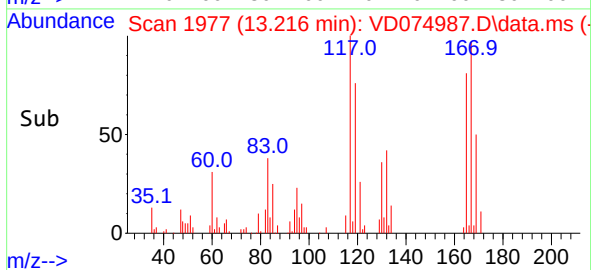
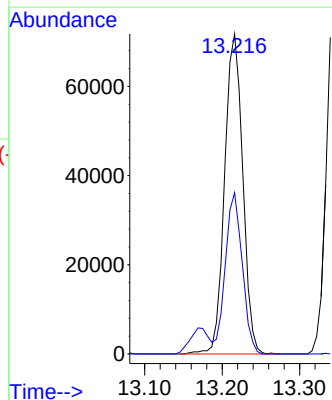
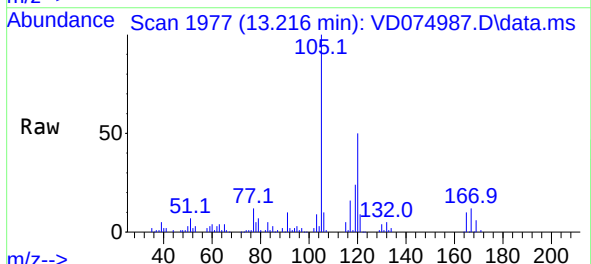
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

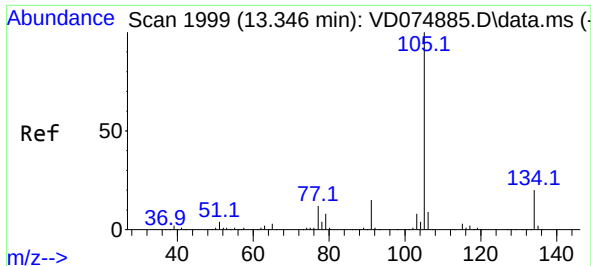
Tgt Ion:119 Resp: 103124  
Ion Ratio Lower Upper  
119 100  
91 58.4 30.0 90.0  
134 26.3 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 20.158 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:105 Resp: 116885  
Ion Ratio Lower Upper  
105 100  
120 47.1 22.9 68.7

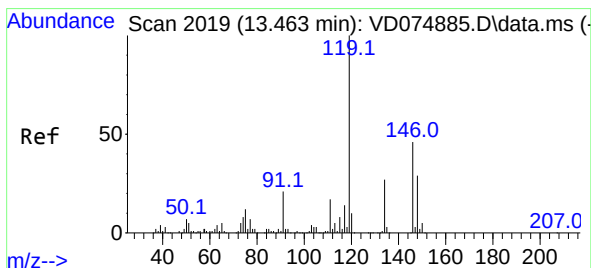
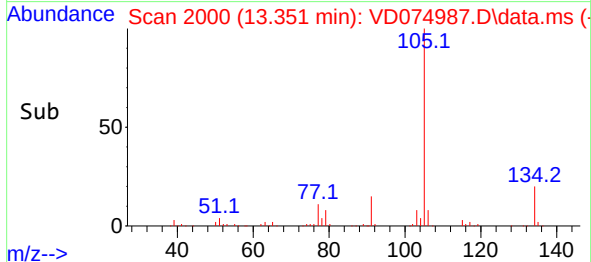
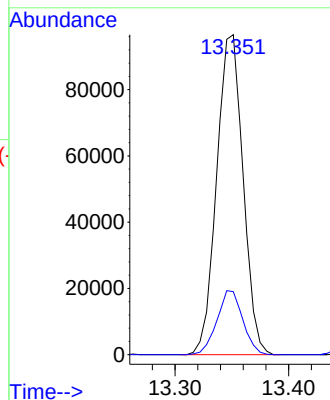
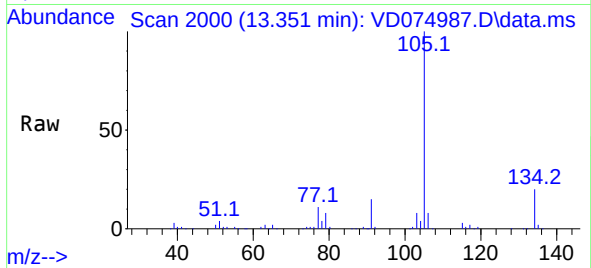




#85  
sec-Butylbenzene  
Concen: 20.150 ug/l  
RT: 13.351 min Scan# 2019  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

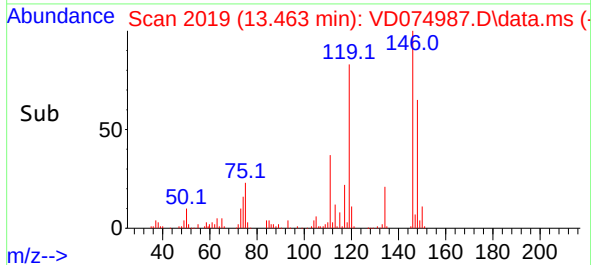
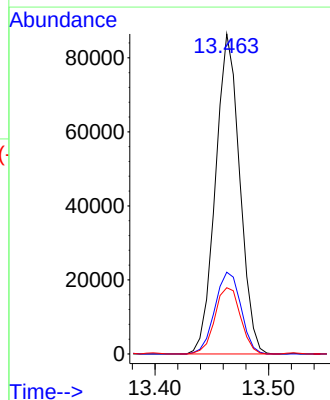
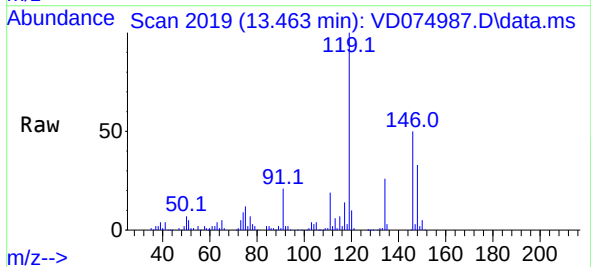
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

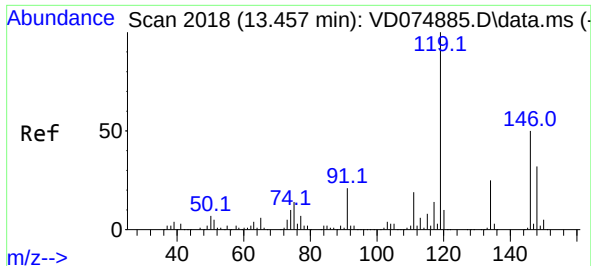
Tgt Ion:105 Resp: 155923  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.0 30.0



#86  
p-Isopropyltoluene  
Concen: 19.915 ug/l  
RT: 13.463 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:119 Resp: 128141  
Ion Ratio Lower Upper  
119 100  
134 27.4 13.5 40.4  
91 22.0 10.8 32.4

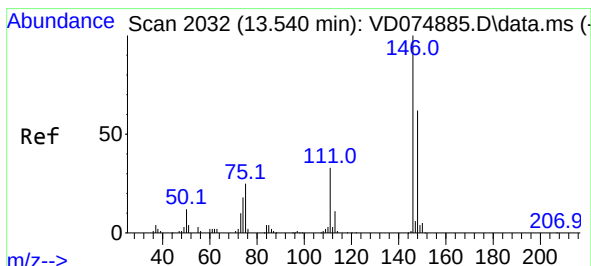
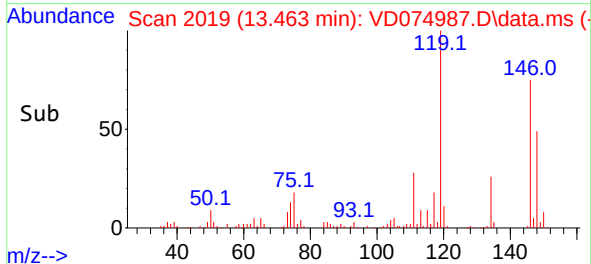
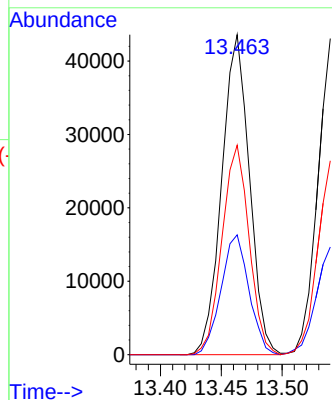
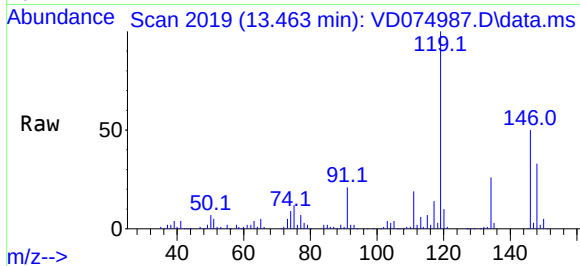




#87  
1,3-Dichlorobenzene  
Concen: 20.142 ug/l  
RT: 13.463 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

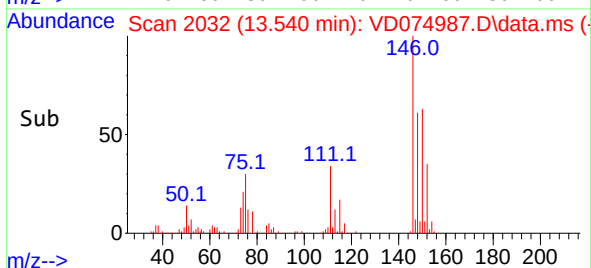
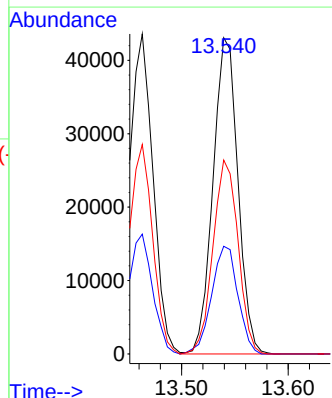
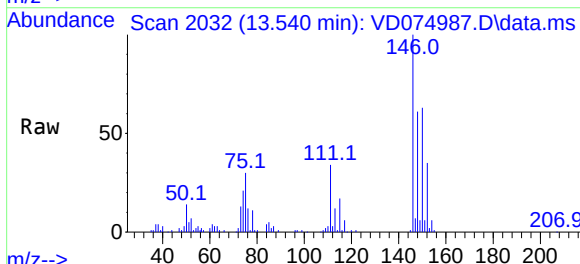
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

Tgt Ion:146 Resp: 68989  
Ion Ratio Lower Upper  
146 100  
111 37.9 18.3 54.8  
148 64.2 31.8 95.4

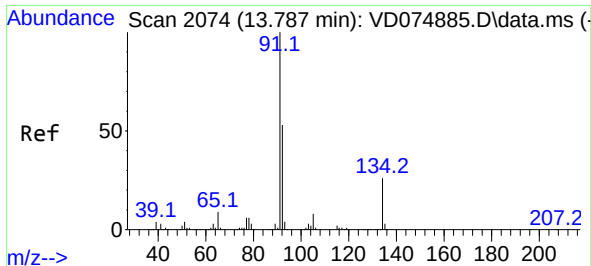


#88  
1,4-Dichlorobenzene  
Concen: 20.551 ug/l  
RT: 13.540 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:146 Resp: 69865  
Ion Ratio Lower Upper  
146 100  
111 36.0 17.7 53.1  
148 61.9 32.3 96.9



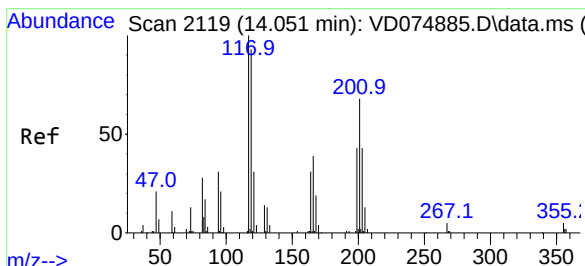
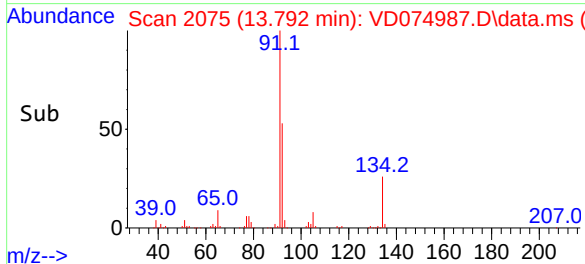
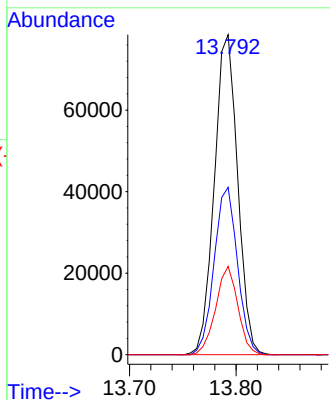
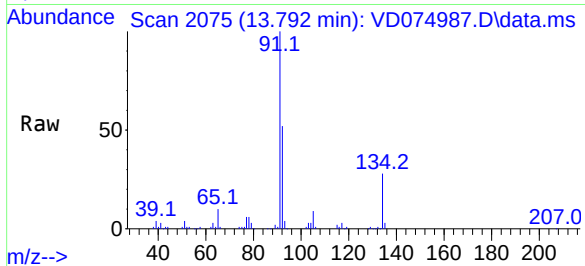




#89  
n-Butylbenzene  
Concen: 19.919 ug/l  
RT: 13.792 min Scan# 2074  
Delta R.T. 0.005 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

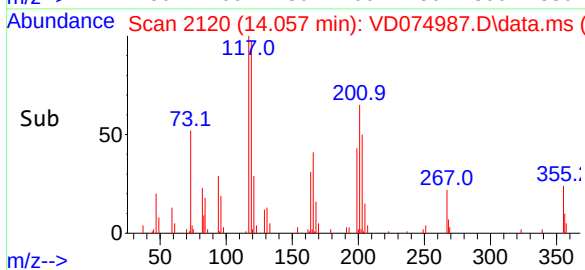
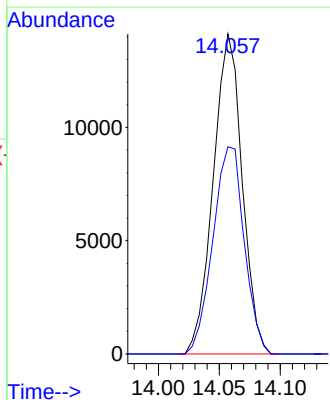
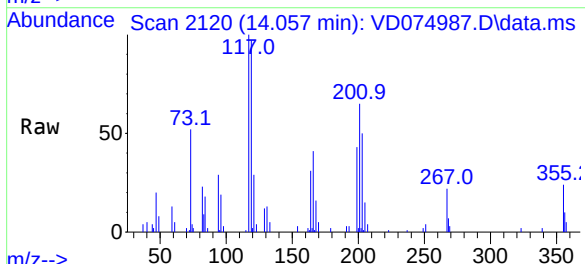
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

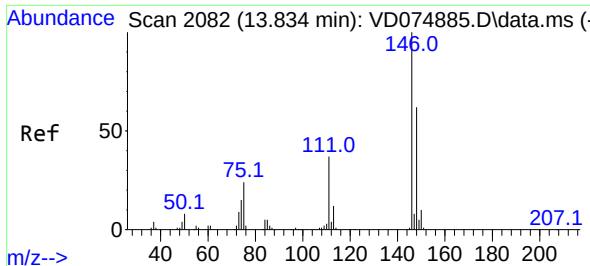
Tgt Ion: 91 Resp: 118994  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.9 80.7  
134 26.2 13.4 40.2



#90  
Hexachloroethane  
Concen: 20.298 ug/l  
RT: 14.057 min Scan# 2120  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion: 117 Resp: 23392  
Ion Ratio Lower Upper  
117 100  
201 70.0 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 20.341 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

Instrument :

MSVOA\_D

ClientSampleId :

VD1118SBS01

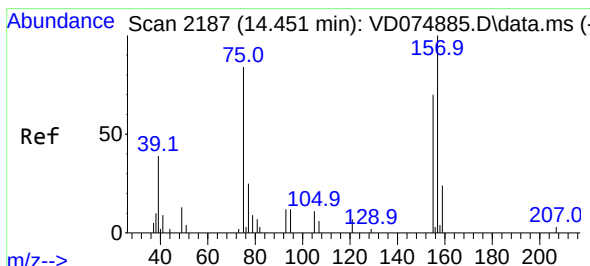
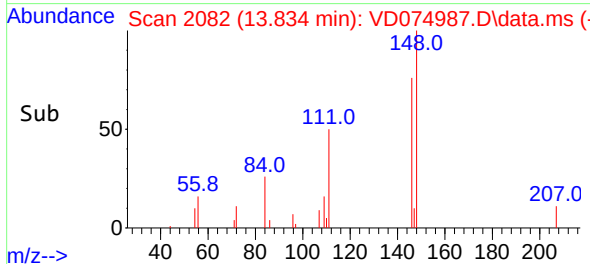
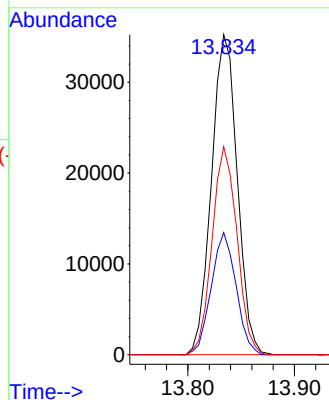
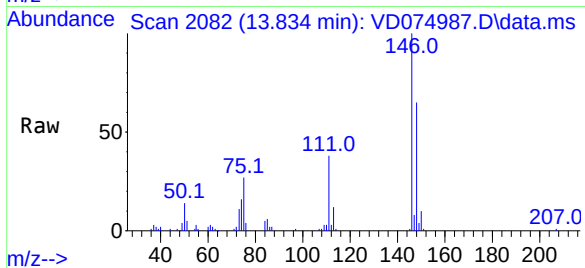
Tgt Ion:146 Resp: 59249

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.5

148 62.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.945 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD074987.D

Acq: 18 Nov 2022 14:04

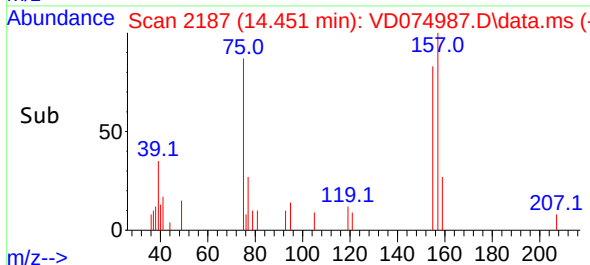
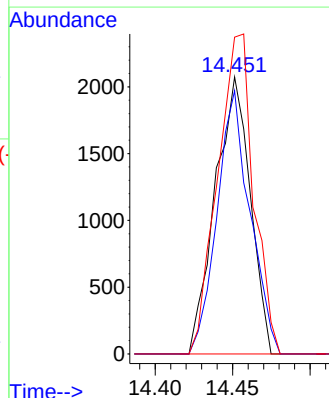
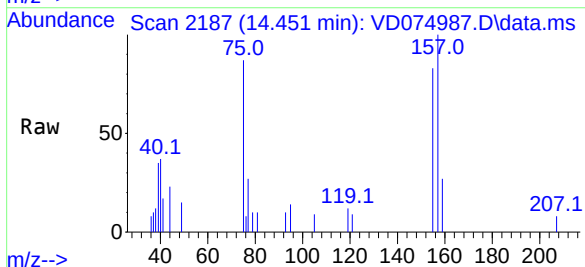
Tgt Ion: 75 Resp: 3251

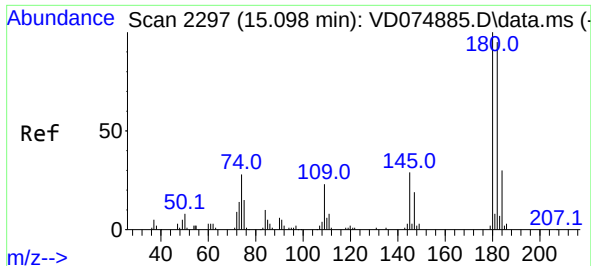
Ion Ratio Lower Upper

75 100

155 89.8 51.2 153.8

157 119.1 68.2 204.5

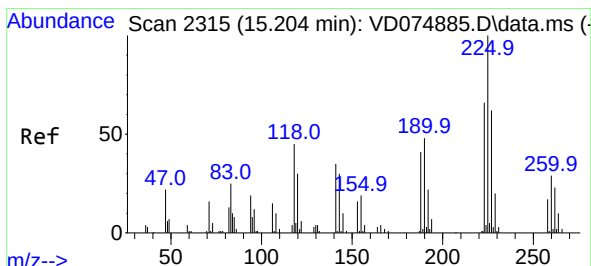
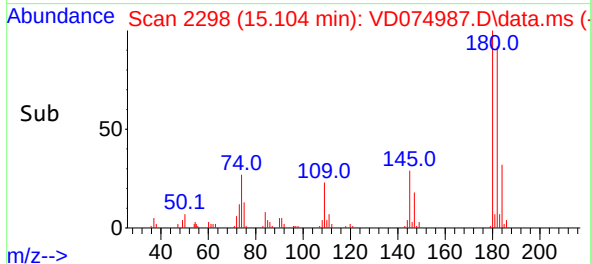
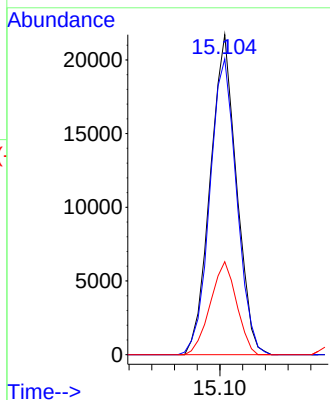
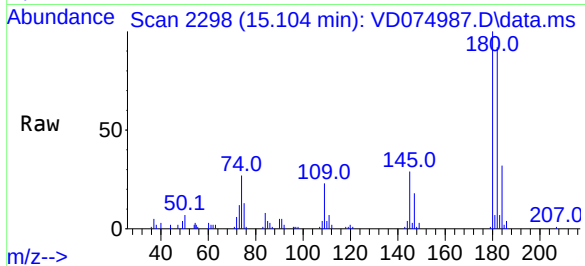




#93  
1,2,4-Trichlorobenzene  
Concen: 19.628 ug/l  
RT: 15.104 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

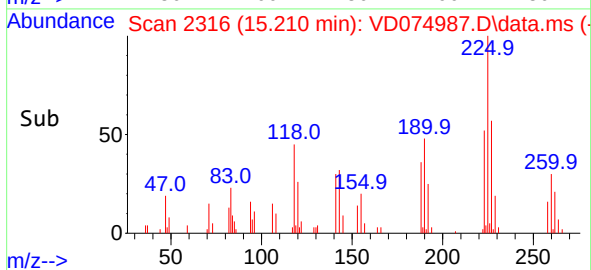
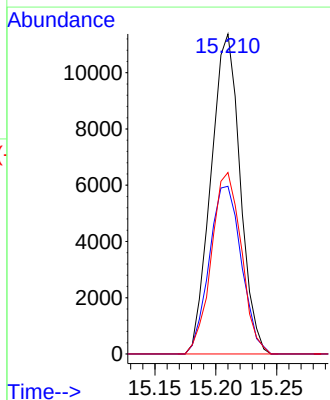
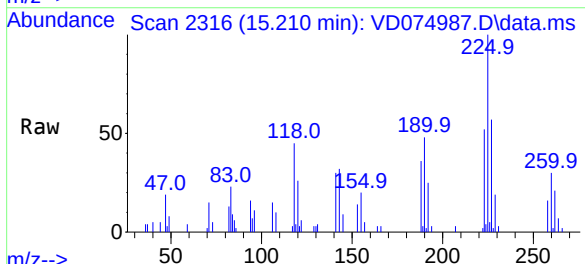
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBS01

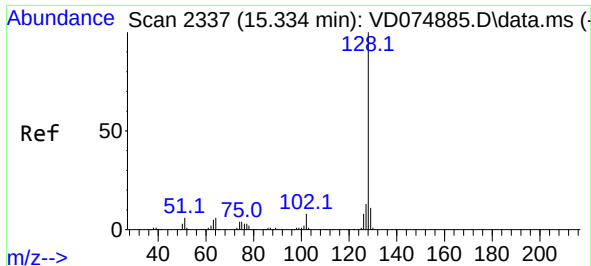
Tgt Ion:180 Resp: 34800  
Ion Ratio Lower Upper  
180 100  
182 94.6 46.9 140.6  
145 29.1 14.1 42.3



#94  
Hexachlorobutadiene  
Concen: 20.739 ug/l  
RT: 15.210 min Scan# 2316  
Delta R.T. 0.006 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Tgt Ion:225 Resp: 18967  
Ion Ratio Lower Upper  
225 100  
223 57.9 31.9 95.5  
227 58.4 32.6 97.8

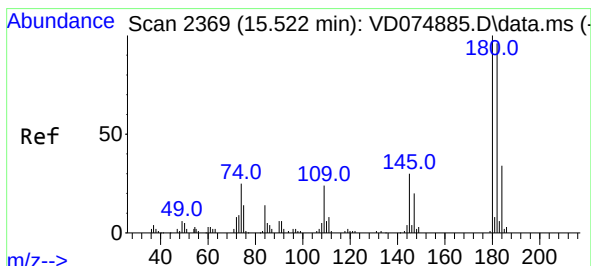
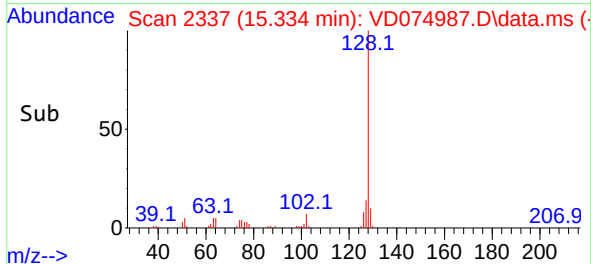
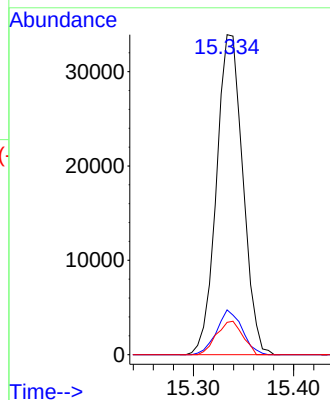
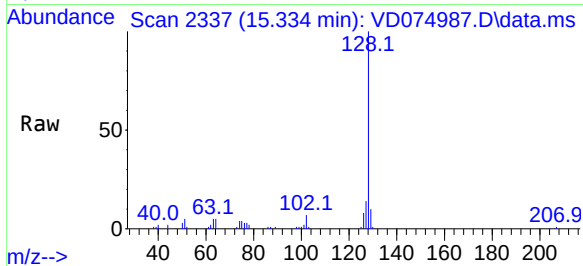




#95  
Naphthalene  
Concen: 18.847 ug/l  
RT: 15.334 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1118SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 62023 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.5  | 10.6  | 16.0  |
| 129       | 10.4  | 8.3   | 12.5  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.506 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.000 min  
Lab File: VD074987.D  
Acq: 18 Nov 2022 14:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 29907 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.5  | 46.7  | 140.1 |
| 145       | 31.0  | 14.9  | 44.7  |

