

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111524\  
 Data File : VD080011.D  
 Acq On : 14 Nov 2024 18:02  
 Operator : RP/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 15 05:53:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111424S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 15 05:52:29 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 173599   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 277459   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 256196   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 132946   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 10396    | 5.842    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 11.680%# |
| 35) Dibromofluoromethane     | 7.810  | 113   | 9875     | 5.324    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 10.640%# |
| 50) Toluene-d8               | 10.269 | 98    | 36017    | 5.132    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 10.260%# |
| 62) 4-Bromofluorobenzene     | 12.575 | 95    | 12519    | 5.318    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 10.640%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.934  | 85    | 8774     | 6.080    | ug/l   | 92       |
| 3) Chloromethane             | 2.152  | 50    | 6089     | 5.744    | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.287  | 62    | 7090     | 5.706    | ug/l   | 96       |
| 5) Bromomethane              | 2.699  | 94    | 10391    | 6.902    | ug/l   | 99       |
| 6) Chloroethane              | 2.846  | 64    | 4426     | 5.250    | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.181  | 101   | 18141    | 6.098    | ug/l   | 99       |
| 8) Diethyl Ether             | 3.593  | 74    | 4177     | 5.080    | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.975  | 101   | 11445    | 6.096    | ug/l   | 89       |
| 10) Methyl Iodide            | 4.175  | 142   | 2987     | 5.192    | ug/l # | 90       |
| 11) Tert butyl alcohol       | 5.057  | 59    | 2628     | 28.683   | ug/l # | 81       |
| 12) 1,1-Dichloroethene       | 3.940  | 96    | 9813     | 5.447    | ug/l # | 73       |
| 13) Acrolein                 | 3.799  | 56    | 3530     | 21.053   | ug/l   | 95       |
| 14) Allyl chloride           | 4.563  | 41    | 11592    | 4.746    | ug/l   | 96       |
| 15) Acrylonitrile            | 5.263  | 53    | 8095     | 23.020   | ug/l # | 68       |
| 16) Acetone                  | 4.022  | 43    | 8957     | 39.789   | ug/l # | 85       |
| 17) Carbon Disulfide         | 4.275  | 76    | 32658    | 5.502    | ug/l   | 98       |
| 18) Methyl Acetate           | 4.575  | 43    | 4449     | 5.361    | ug/l # | 89       |
| 19) Methyl tert-butyl Ether  | 5.316  | 73    | 17098    | 4.735    | ug/l   | 97       |
| 20) Methylene Chloride       | 4.799  | 84    | 13379    | 6.036    | ug/l # | 90       |
| 21) trans-1,2-Dichloroethene | 5.316  | 96    | 10629    | 5.266    | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.222  | 45    | 23150    | 4.506    | ug/l # | 87       |
| 23) Vinyl Acetate            | 6.157  | 43    | 61010    | 21.122   | ug/l # | 91       |
| 24) 1,1-Dichloroethane       | 6.116  | 63    | 17759    | 5.145    | ug/l   | 93       |
| 25) 2-Butanone               | 7.081  | 43    | 13934    | 26.116   | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.075  | 77    | 18632    | 6.036    | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 7.081  | 96    | 12805    | 5.522    | ug/l   | 96       |
| 28) Bromochloromethane       | 7.428  | 49    | 9244     | 5.971    | ug/l   | 92       |
| 29) Tetrahydrofuran          | 7.457  | 42    | 7517     | 26.978   | ug/l   | 99       |
| 30) Chloroform               | 7.599  | 83    | 23087    | 6.028    | ug/l   | 94       |
| 31) Cyclohexane              | 7.881  | 56    | 17432    | 5.968    | ug/l # | 86       |
| 32) 1,1,1-Trichloroethane    | 7.798  | 97    | 18905    | 5.913    | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.010  | 75    | 15161    | 5.601    | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.169  | 43    | 6680     | 5.942    | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 7.993  | 117   | 17634    | 5.932    | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.275  | 83    | 16640    | 5.271    | ug/l # | 88       |
| 40) Benzene                  | 8.251  | 78    | 45671    | 5.462    | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111524\  
 Data File : VD080011.D  
 Acq On : 14 Nov 2024 18:02  
 Operator : RP/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 15 05:53:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111424S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 15 05:52:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.410  | 41   | 3557     | 5.699  | ug/l # | 19       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 12744    | 5.817  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 11324    | 5.543  | ug/l   | 97       |
| 44) Trichloroethene           | 9.028  | 130  | 12011    | 5.570  | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 10747    | 5.401  | ug/l   | 99       |
| 46) Dibromomethane            | 9.398  | 93   | 6519     | 5.574  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.587  | 83   | 16422    | 5.602  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.381  | 41   | 4776     | 5.231  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 1105     | 99.167 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 26078    | 25.332 | ug/l   | 100      |
| 52) Toluene                   | 10.334 | 92   | 26260    | 5.043  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 12830    | 5.048  | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 15514    | 5.093  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 8925     | 5.715  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 8722     | 4.913  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 13955    | 5.528  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 9.863  | 63   | 14158    | 22.331 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.922 | 43   | 19062    | 24.129 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.075 | 129  | 11901    | 5.755  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 8281     | 5.649  | ug/l   | 93       |
| 64) Tetrachloroethene         | 10.810 | 164  | 11194    | 5.789  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.610 | 112  | 33511    | 5.709  | ug/l   | 91       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 11700    | 5.607  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.681 | 91   | 48499    | 4.992  | ug/l   | 90       |
| 68) m/p-Xylenes               | 11.792 | 106  | 37997    | 9.918  | ug/l   | 99       |
| 69) o-Xylene                  | 12.122 | 106  | 16448    | 4.728  | ug/l   | 95       |
| 70) Styrene                   | 12.134 | 104  | 29383    | 4.751  | ug/l   | 97       |
| 71) Bromoform                 | 12.298 | 173  | 6557     | 5.565  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.422 | 105  | 43814    | 5.017  | ug/l   | 96       |
| 74) N-amyl acetate            | 12.234 | 43   | 9843     | 5.280  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 10144    | 6.007  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 11947    | 10.539 | ug/l # | 100      |
| 77) Bromobenzene              | 12.704 | 156  | 12479    | 5.427  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.763 | 91   | 54776    | 5.068  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 34007    | 5.294  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 35608    | 4.820  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 3181     | 5.427  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 36227    | 5.311  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 32276    | 5.063  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 35538    | 4.732  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 47185    | 4.942  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 39845    | 4.919  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 27342    | 5.746  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 30031    | 6.269  | ug/l   | 94       |
| 89) n-Butylbenzene            | 13.786 | 91   | 38898    | 5.165  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.051 | 117  | 10531    | 5.962  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 24275    | 5.836  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 1643     | 6.373  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 13931    | 5.463  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 8135     | 5.814  | ug/l   | 97       |
| 95) Naphthalene               | 15.333 | 128  | 21571    | 5.025  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 11960    | 5.393  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111524\  
Data File : VD080011.D  
Acq On : 14 Nov 2024 18:02  
Operator : RP/MD  
Sample : VSTDIC005  
Misc : 5.00G/5ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

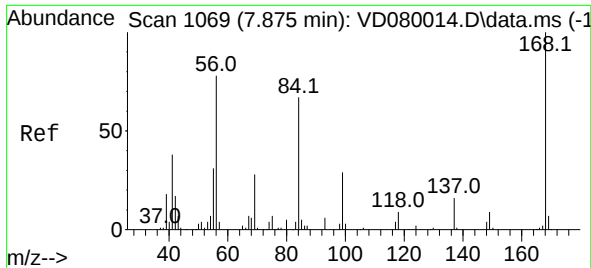
Quant Time: Nov 15 05:53:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111424S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 15 05:52:29 2024  
Response via : Initial Calibration

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

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

Quant Time: Nov 15 05:53:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111424S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 15 05:52:29 2024  
Response via : Initial Calibration

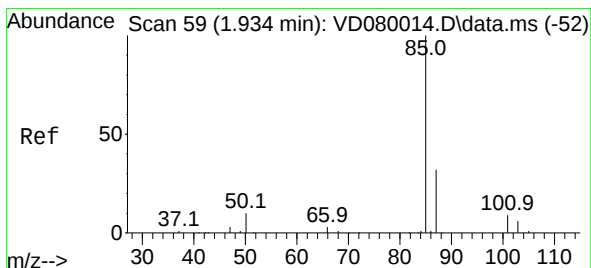
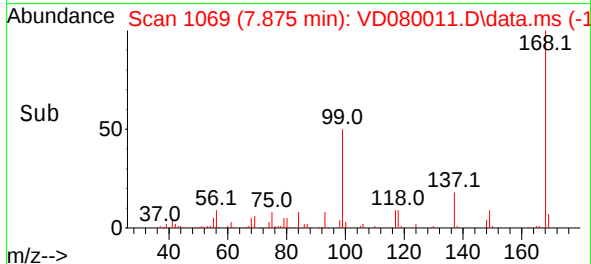
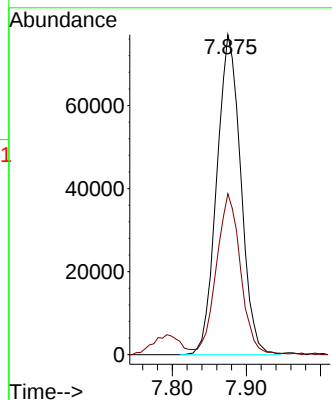
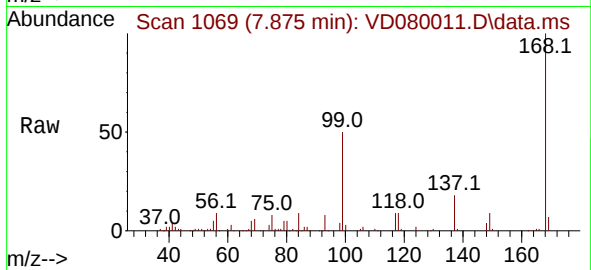




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

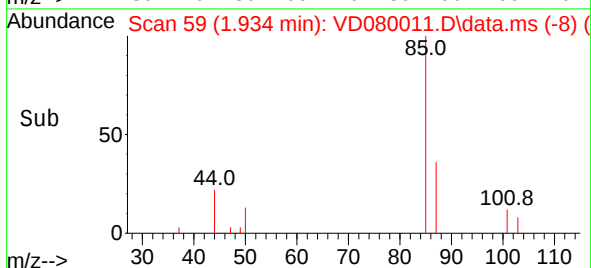
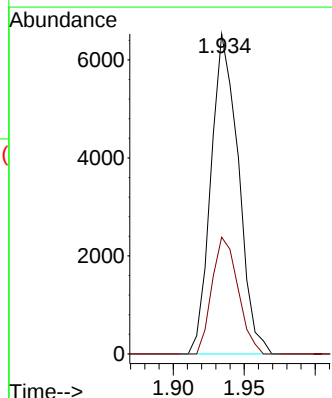
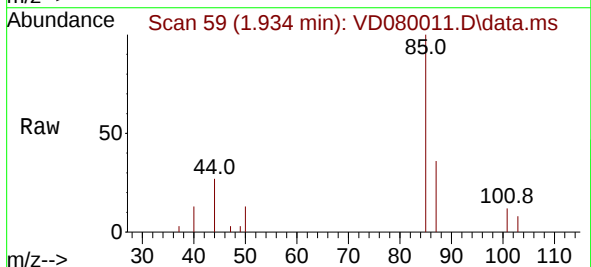
Instrument :  
MSVOA\_D  
ClientSampleId :

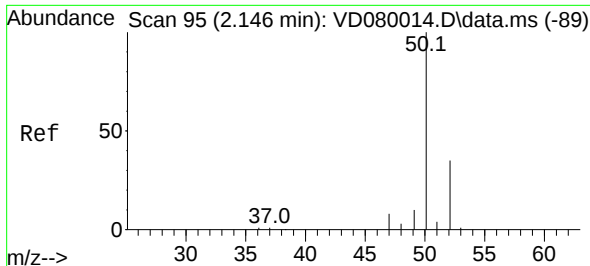
Tgt Ion:168 Resp: 173599  
Ion Ratio Lower Upper  
168 100  
99 49.8 43.0 64.6



#2  
Dichlorodifluoromethane  
Concen: 6.080 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 85 Resp: 8774  
Ion Ratio Lower Upper  
85 100  
87 36.5 16.1 48.2

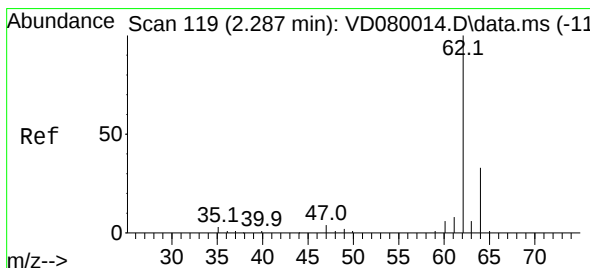
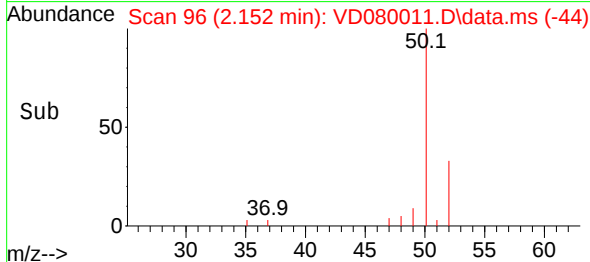
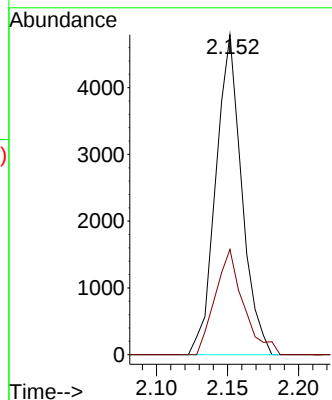
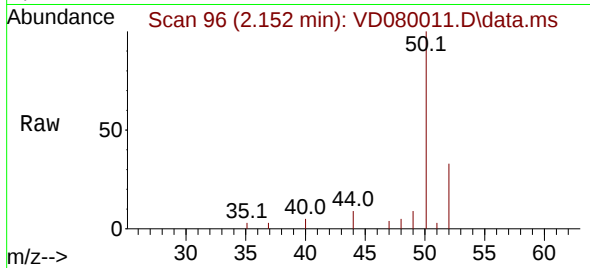




#3  
Chloromethane  
Concen: 5.744 ug/l  
RT: 2.152 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

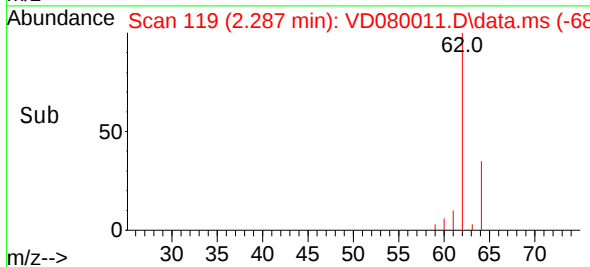
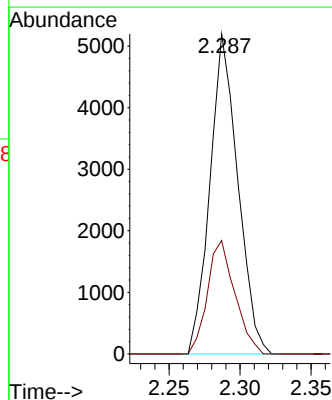
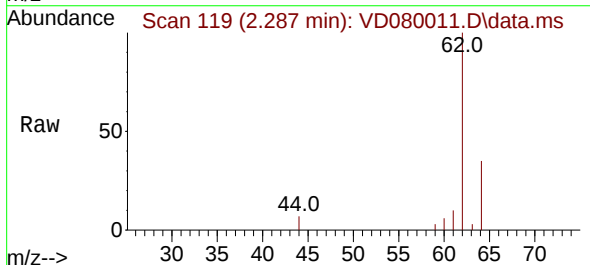
Instrument :  
MSVOA\_D  
ClientSampleId :

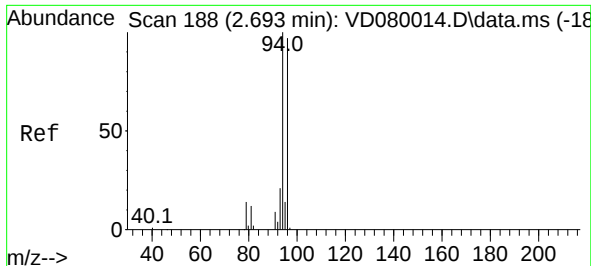
Tgt Ion: 50 Resp: 6089  
Ion Ratio Lower Upper  
50 100  
52 32.9 28.2 42.4



#4  
Vinyl Chloride  
Concen: 5.706 ug/l  
RT: 2.287 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 62 Resp: 7090  
Ion Ratio Lower Upper  
62 100  
64 35.4 26.7 40.1

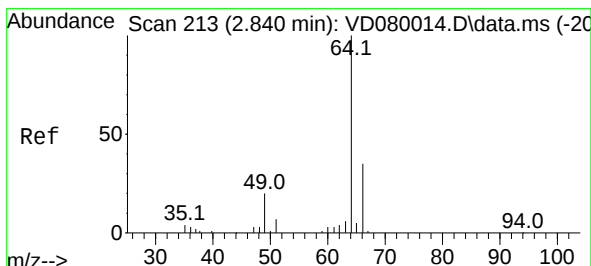
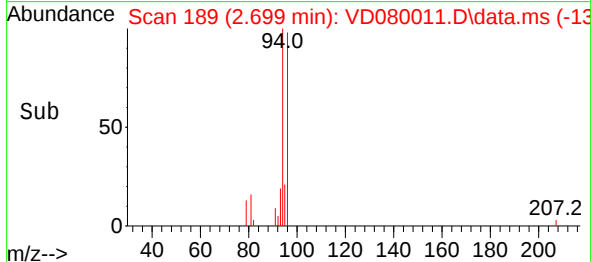
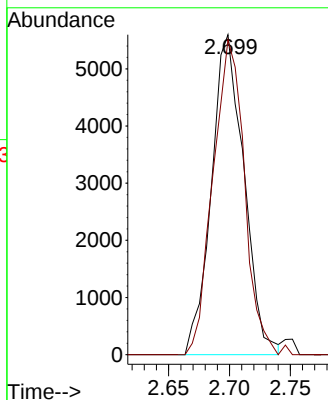
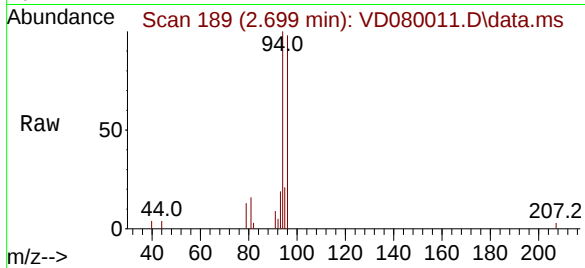




#5  
Bromomethane  
Concen: 6.902 ug/l  
RT: 2.699 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

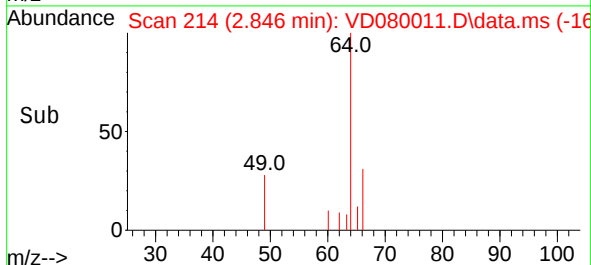
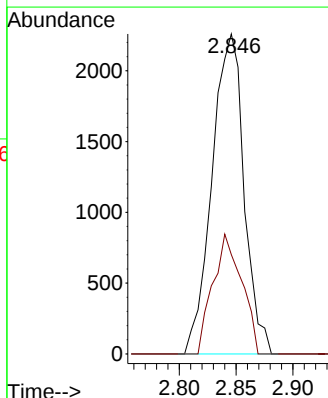
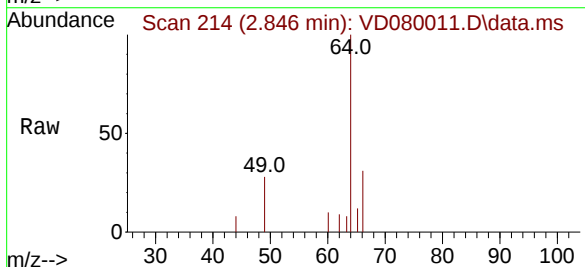
Instrument :  
MSVOA\_D  
ClientSampleId :

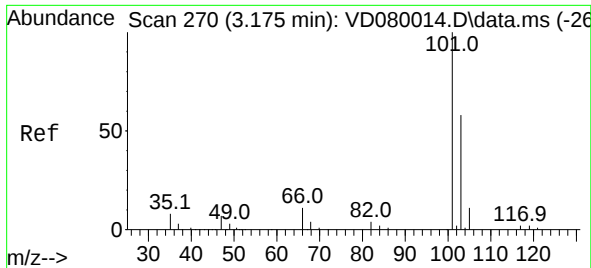
Tgt Ion: 94 Resp: 10391  
Ion Ratio Lower Upper  
94 100  
96 95.7 77.0 115.6



#6  
Chloroethane  
Concen: 5.250 ug/l  
RT: 2.846 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 64 Resp: 4426  
Ion Ratio Lower Upper  
64 100  
66 31.1 27.8 41.6

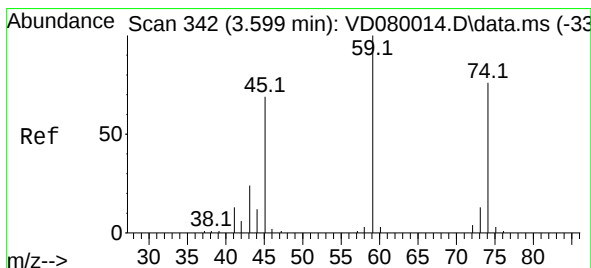
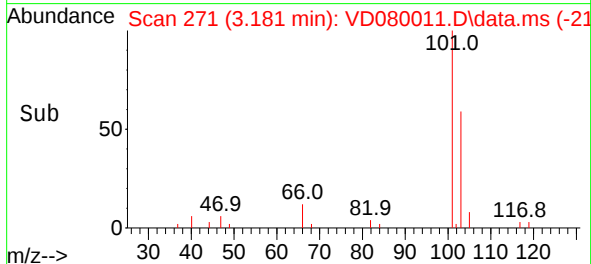
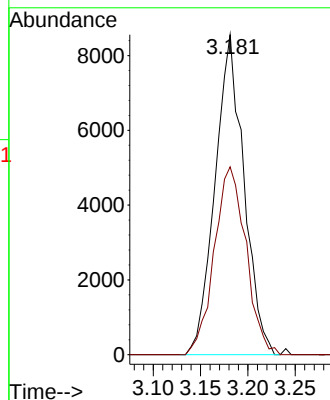
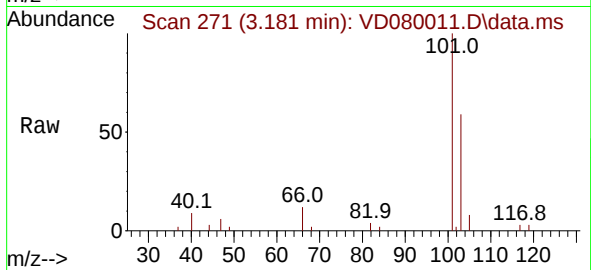




#7  
 Trichlorofluoromethane  
 Concen: 6.098 ug/l  
 RT: 3.181 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VD080011.D  
 Acq: 14 Nov 2024 18:02

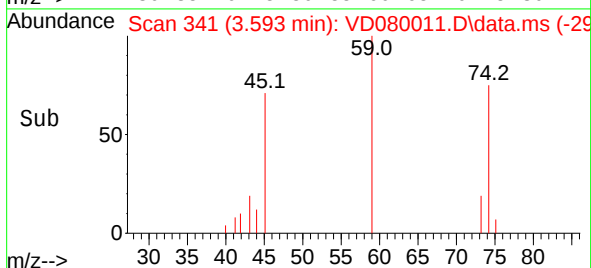
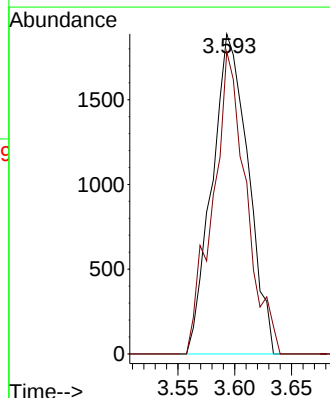
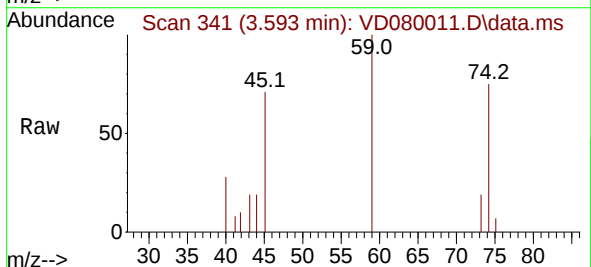
Instrument :  
 MSVOA\_D  
 ClientSampleId :

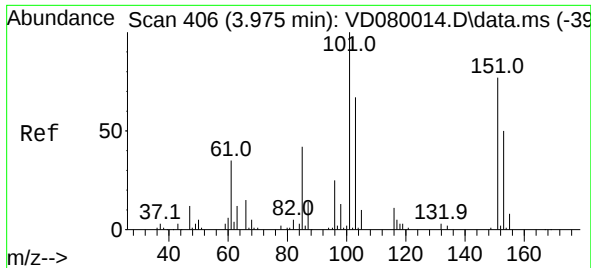
Tgt Ion:101 Resp: 18141  
 Ion Ratio Lower Upper  
 101 100  
 103 58.7 46.5 69.7



#8  
 Diethyl Ether  
 Concen: 5.080 ug/l  
 RT: 3.593 min Scan# 341  
 Delta R.T. -0.006 min  
 Lab File: VD080011.D  
 Acq: 14 Nov 2024 18:02

Tgt Ion: 74 Resp: 4177  
 Ion Ratio Lower Upper  
 74 100  
 45 87.5 45.7 137.1

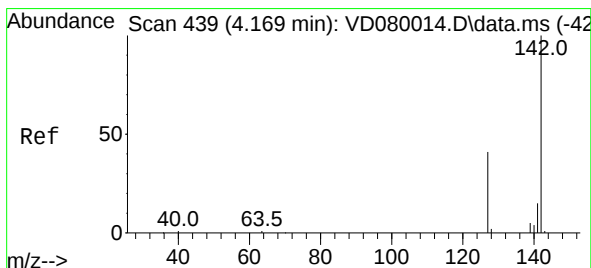
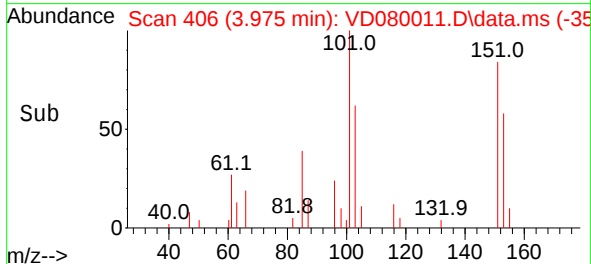
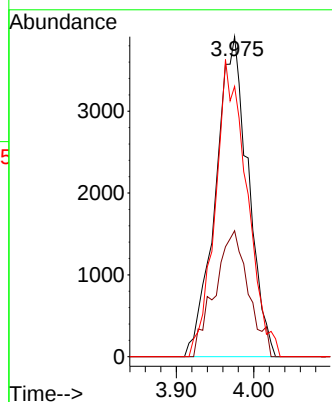
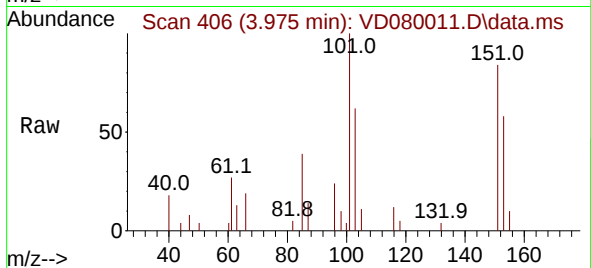




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 6.096 ug/l  
RT: 3.975 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

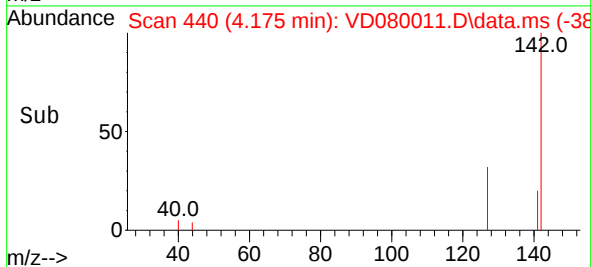
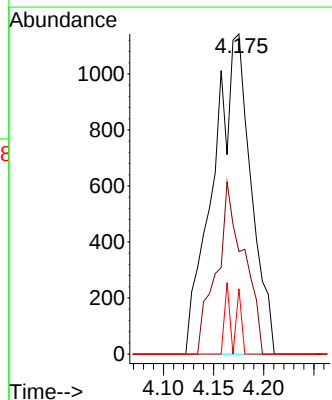
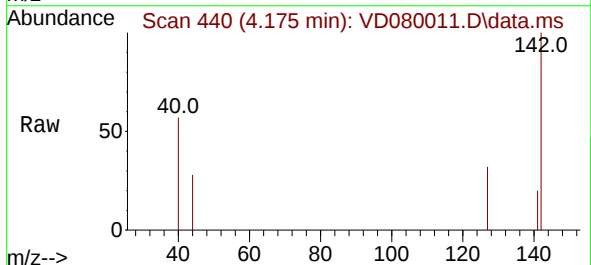
Instrument :  
MSVOA\_D  
ClientSampleId :

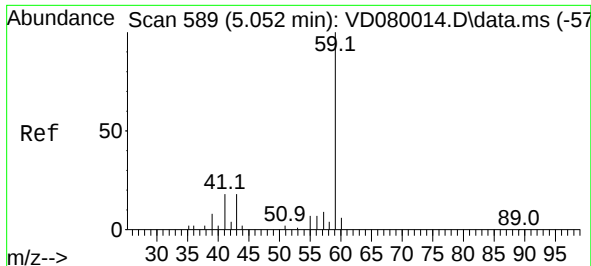
Tgt Ion:101 Resp: 11445  
Ion Ratio Lower Upper  
101 100  
85 40.6 34.5 51.7  
151 90.1 61.8 92.6



#10  
Methyl Iodide  
Concen: 5.192 ug/l  
RT: 4.175 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion:142 Resp: 2987  
Ion Ratio Lower Upper  
142 100  
127 38.8 33.7 50.5  
141 5.8 12.0 18.0#





#11

Tert butyl alcohol

Concen: 28.683 ug/l

RT: 5.057 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

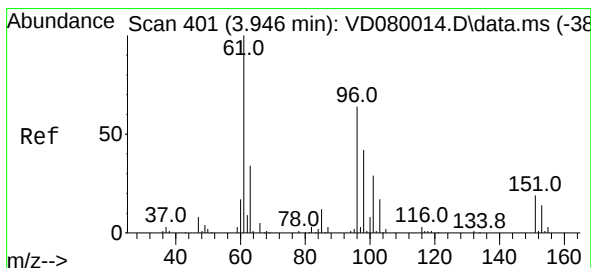
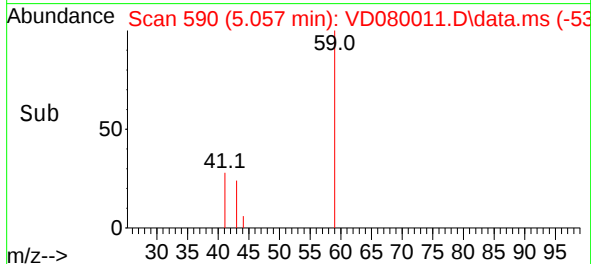
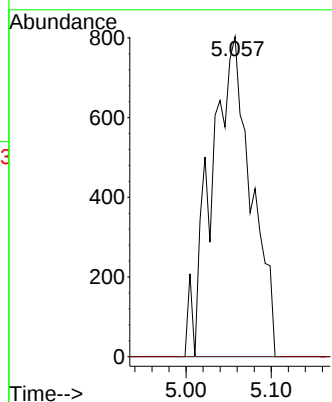
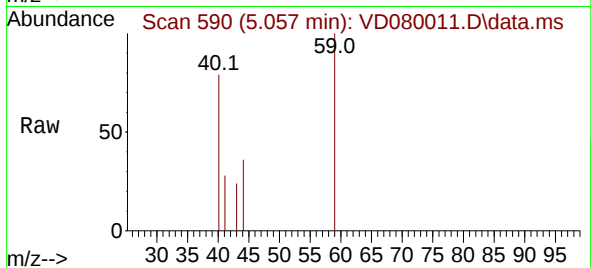
ClientSampleId :

Tgt Ion: 59 Resp: 2628

Ion Ratio Lower Upper

59 100

57 0.0 5.0 7.6#



#12

1,1-Dichloroethene

Concen: 5.447 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

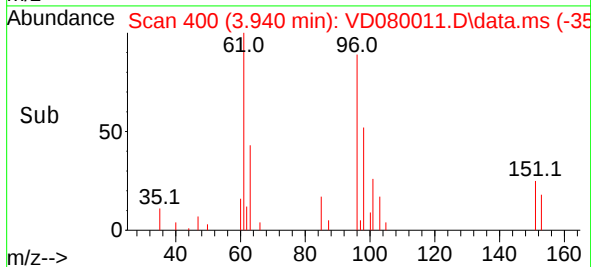
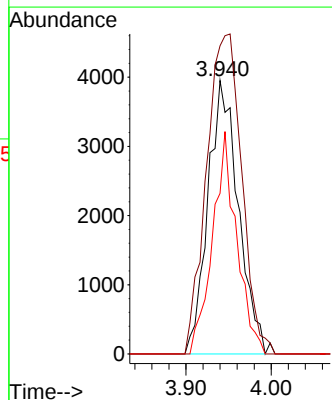
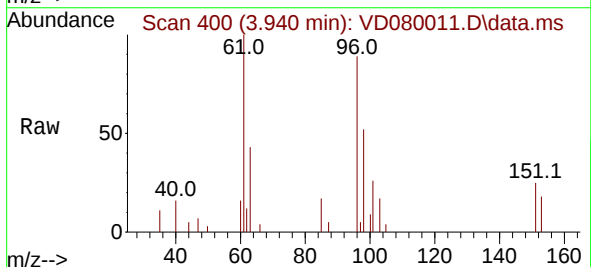
Tgt Ion: 96 Resp: 9813

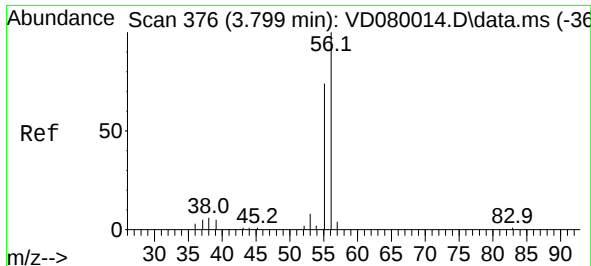
Ion Ratio Lower Upper

96 100

61 112.7 125.5 188.3#

98 58.8 53.3 79.9





#13

Acrolein

Concen: 21.053 ug/l

RT: 3.799 min Scan# 376

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

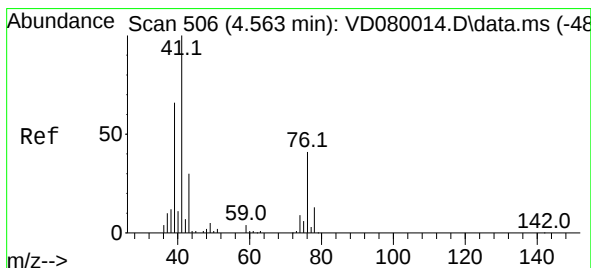
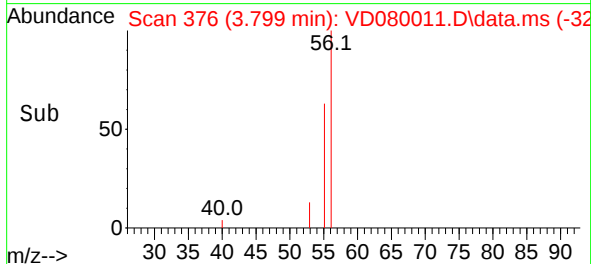
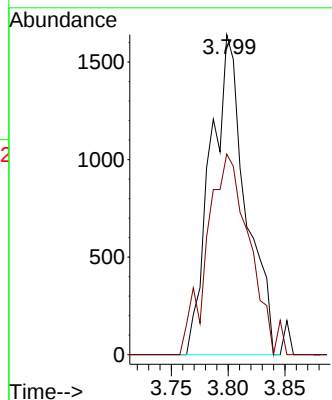
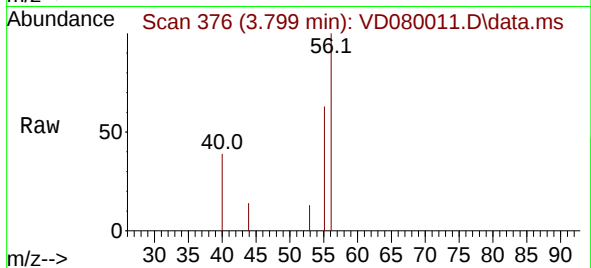
ClientSampleId :

Tgt Ion: 56 Resp: 3530

Ion Ratio Lower Upper

56 100

55 75.5 57.0 85.4



#14

Allyl chloride

Concen: 4.746 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

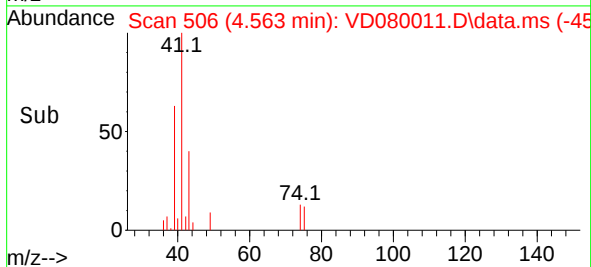
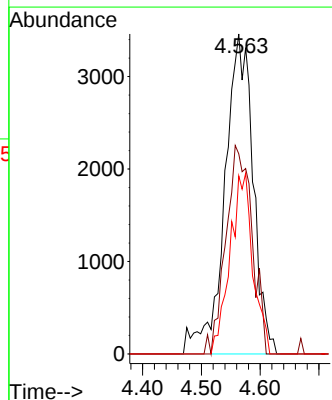
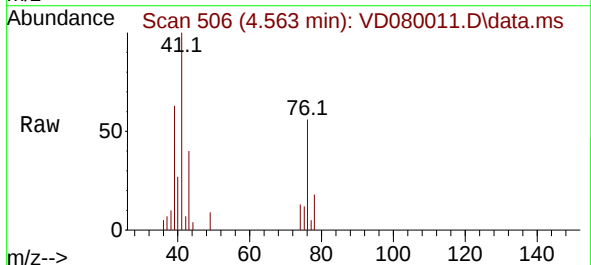
Tgt Ion: 41 Resp: 11592

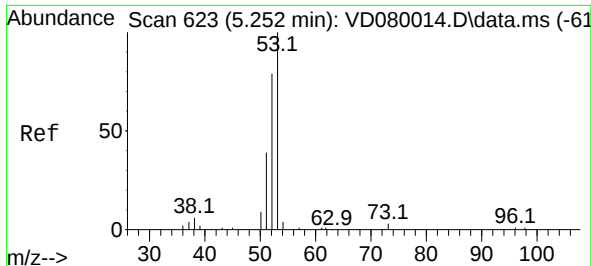
Ion Ratio Lower Upper

41 100

39 59.9 49.8 74.8

76 45.6 34.1 51.1





#15

Acrylonitrile

Concen: 23.020 ug/l

RT: 5.263 min Scan# 61

Delta R.T. 0.012 min

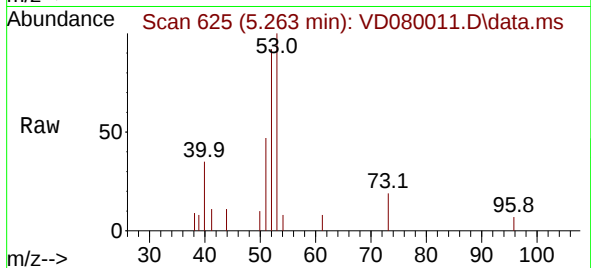
Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

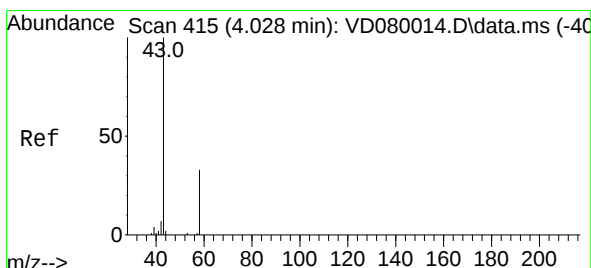
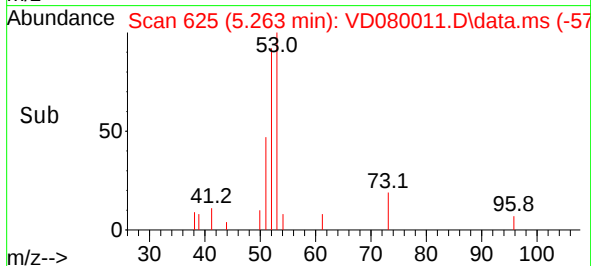
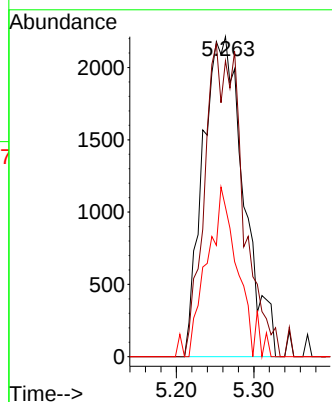
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 8095   |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 42.3  | 67.0  | 100.4# |
| 51       | 37.7  | 29.7  | 44.5   |



#16

Acetone

Concen: 39.789 ug/l

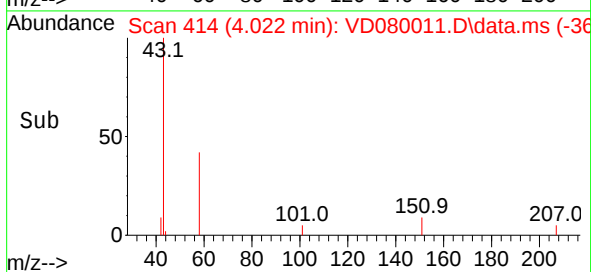
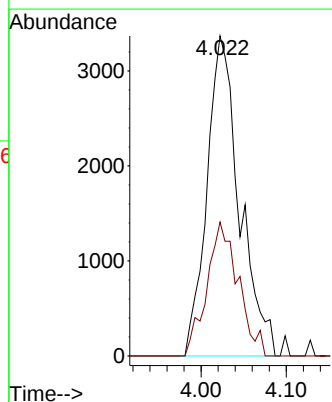
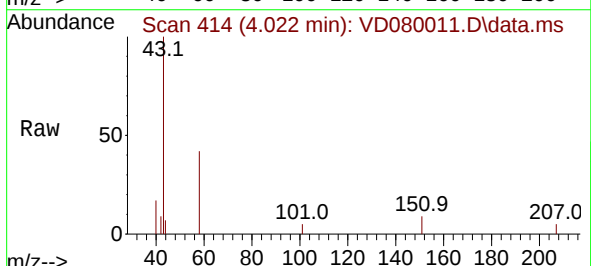
RT: 4.022 min Scan# 414

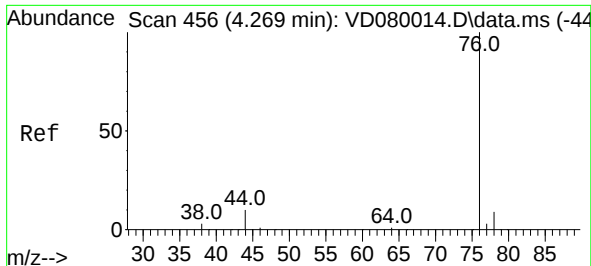
Delta R.T. -0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8957  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 41.9  | 26.9  | 40.3# |

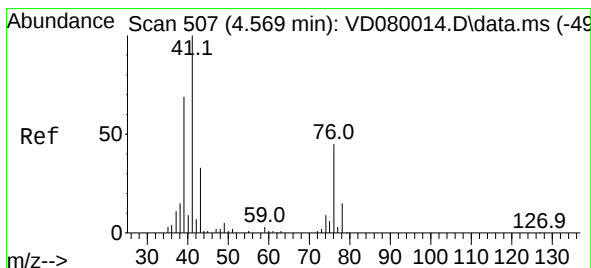
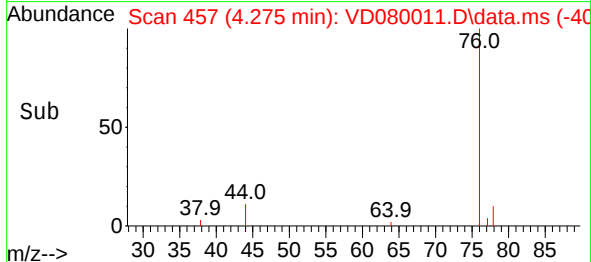
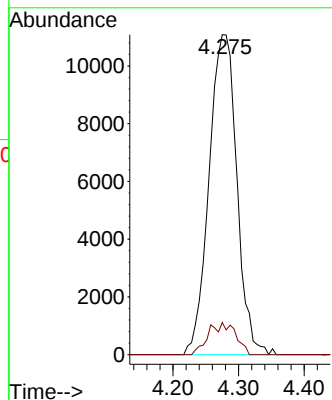
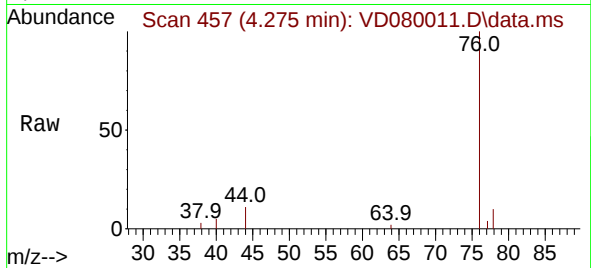




#17  
Carbon Disulfide  
Concen: 5.502 ug/l  
RT: 4.275 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

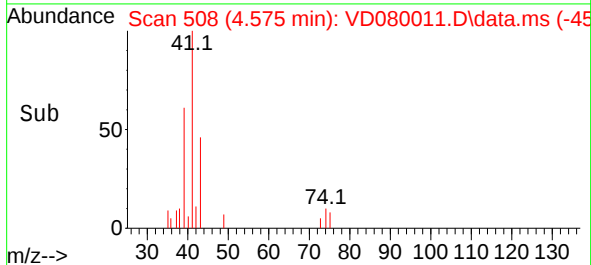
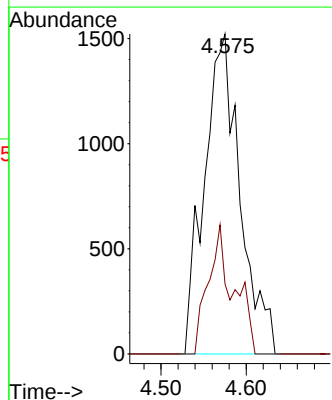
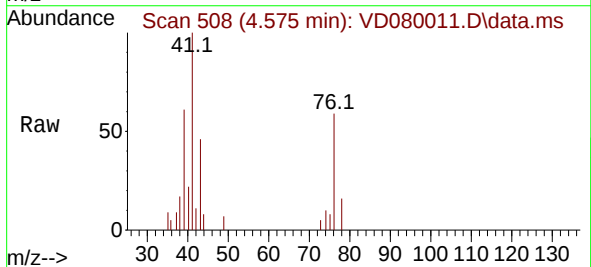
Instrument :  
MSVOA\_D  
ClientSampleId :

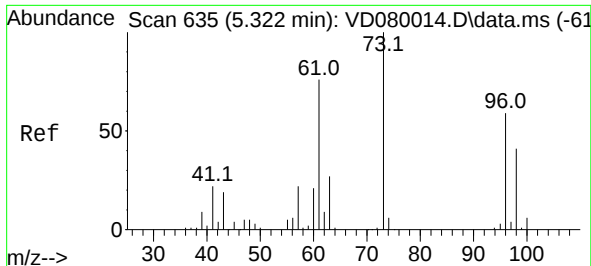
Tgt Ion: 76 Resp: 32658  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.5 11.3



#18  
Methyl Acetate  
Concen: 5.361 ug/l  
RT: 4.575 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 43 Resp: 4449  
Ion Ratio Lower Upper  
43 100  
74 20.1 20.8 31.2#





#19

Methyl tert-butyl Ether

Concen: 4.735 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

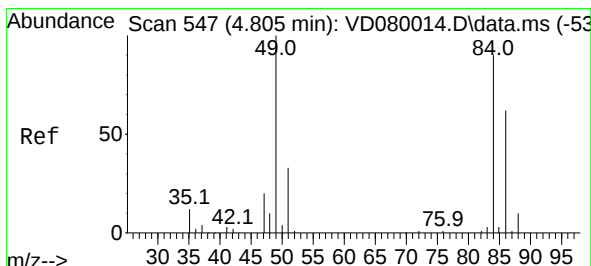
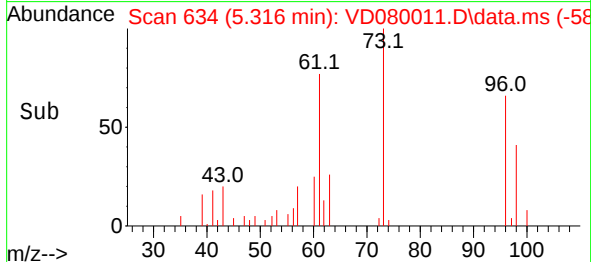
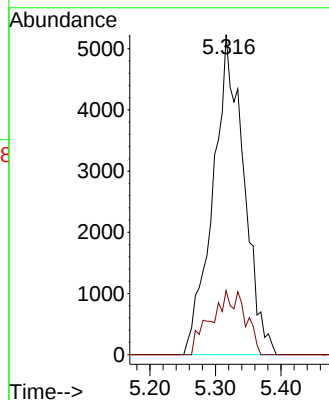
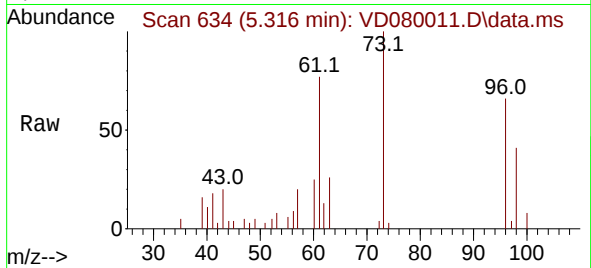
ClientSampleId :

Tgt Ion: 73 Resp: 17098

Ion Ratio Lower Upper

73 100

57 20.0 17.3 25.9



#20

Methylene Chloride

Concen: 6.036 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Tgt Ion: 84 Resp: 13379

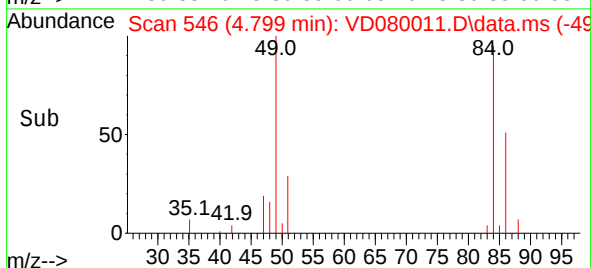
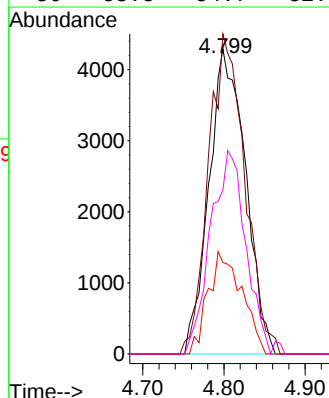
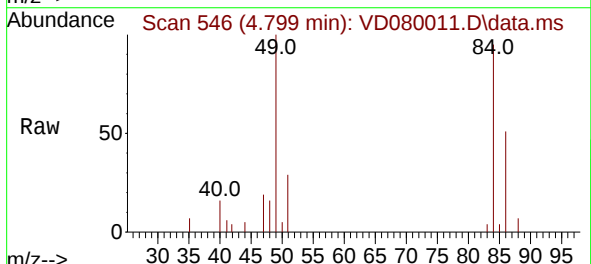
Ion Ratio Lower Upper

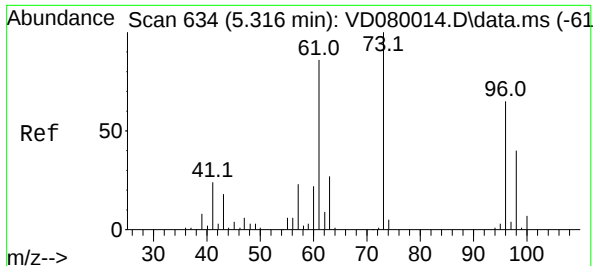
84 100

49 104.9 88.7 133.1

51 30.0 29.3 43.9

86 53.8 54.7 82.1#





#21

trans-1,2-Dichloroethene

Concen: 5.266 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

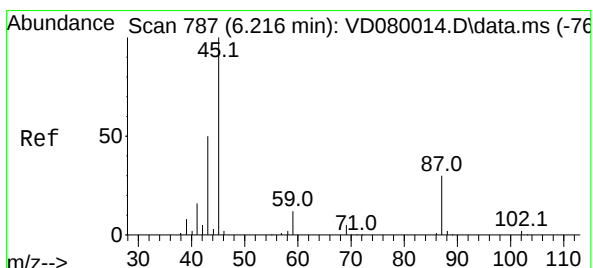
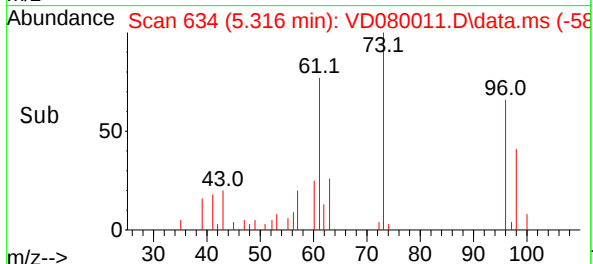
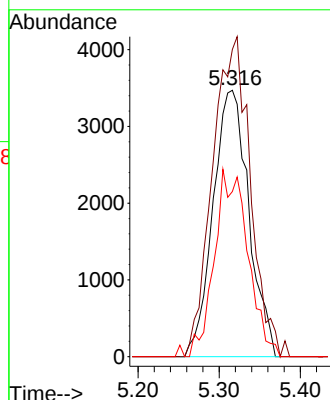
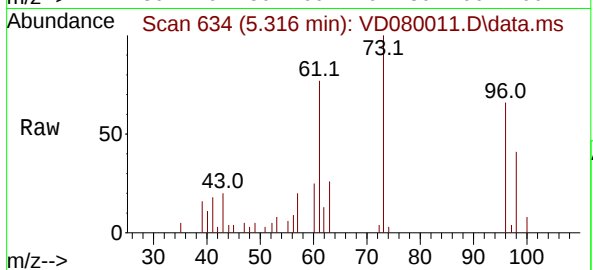
Tgt Ion: 96 Resp: 10629

Ion Ratio Lower Upper

96 100

61 115.4 106.2 159.4

98 62.0 49.1 73.7



#22

Diisopropyl ether

Concen: 4.506 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Tgt Ion: 45 Resp: 23150

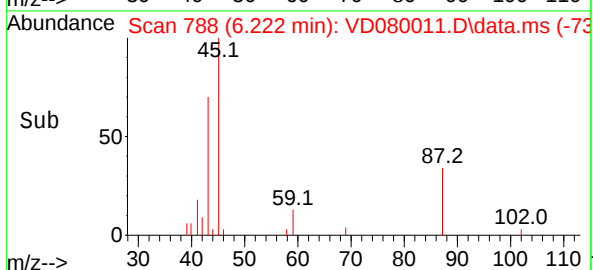
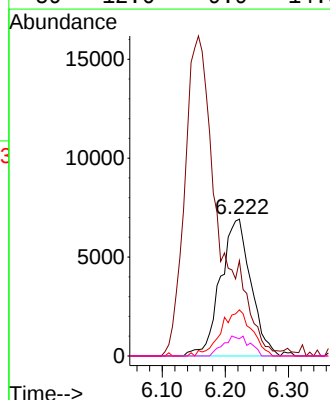
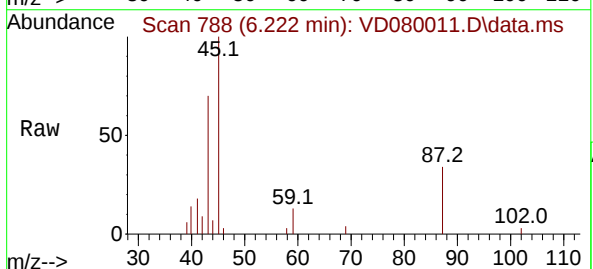
Ion Ratio Lower Upper

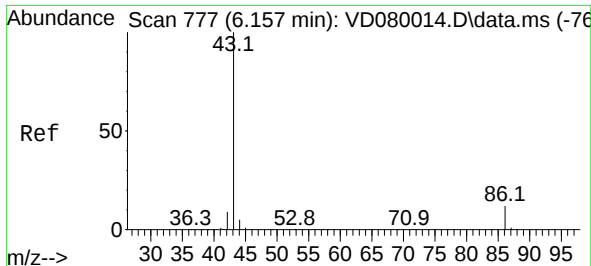
45 100

43 66.1 41.7 62.5#

87 33.7 24.3 36.5

59 12.6 9.9 14.9





#23

Vinyl Acetate

Concen: 21.122 ug/l

RT: 6.157 min Scan# 777

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

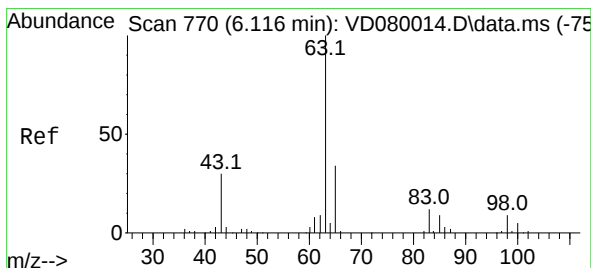
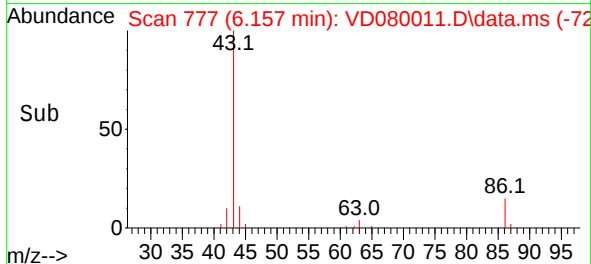
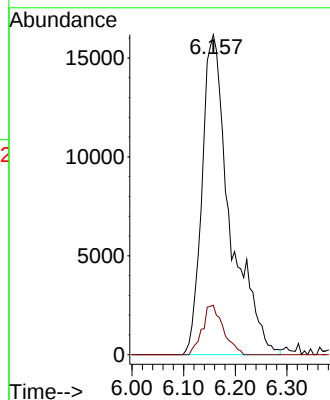
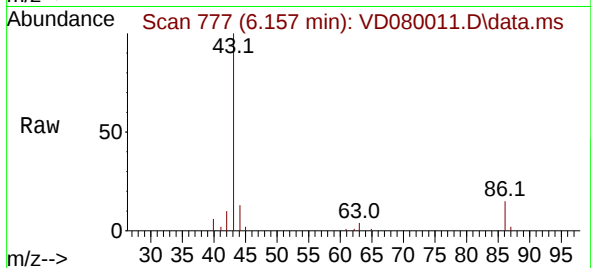
ClientSampleId :

Tgt Ion: 43 Resp: 61010

Ion Ratio Lower Upper

43 100

86 15.4 9.5 14.3#



#24

1,1-Dichloroethane

Concen: 5.145 ug/l

RT: 6.116 min Scan# 770

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

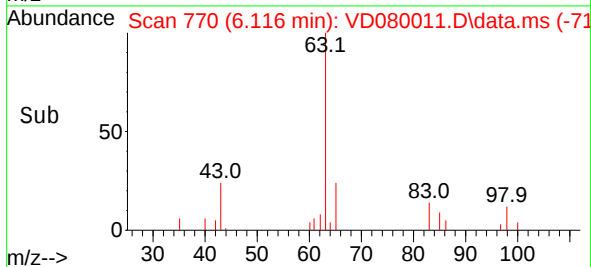
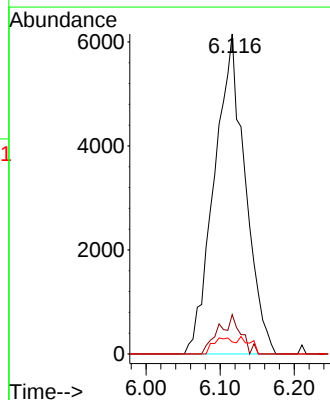
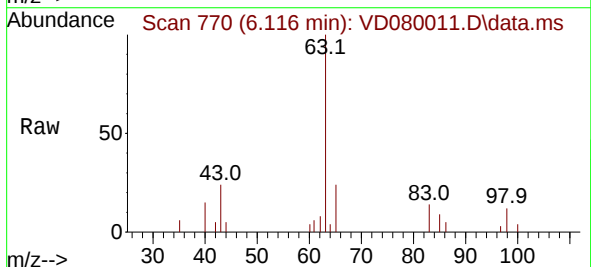
Tgt Ion: 63 Resp: 17759

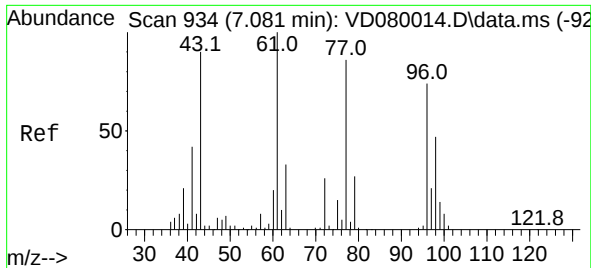
Ion Ratio Lower Upper

63 100

98 12.3 4.4 13.2

100 3.8 2.4 7.2





#25

2-Butanone

Concen: 26.116 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

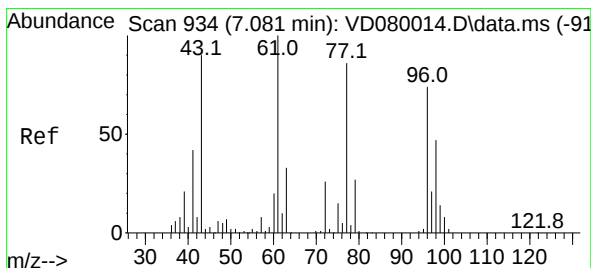
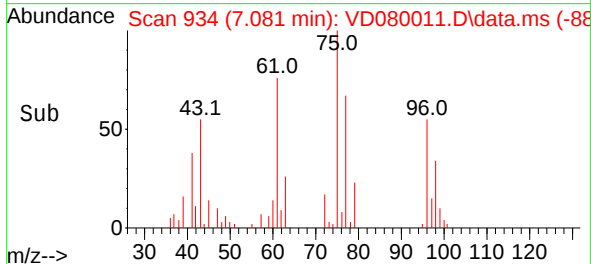
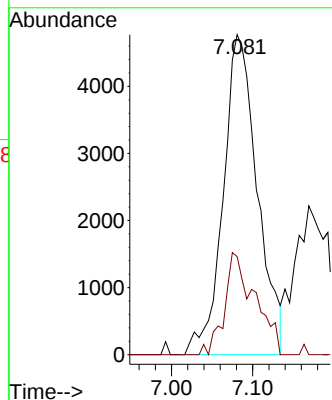
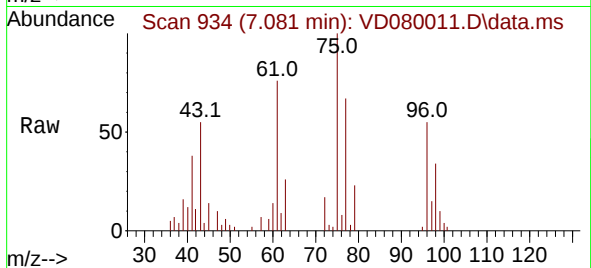
ClientSampleId :

Tgt Ion: 43 Resp: 13934

Ion Ratio Lower Upper

43 100

72 30.6 23.0 34.4



#26

2,2-Dichloropropane

Concen: 6.036 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD080011.D

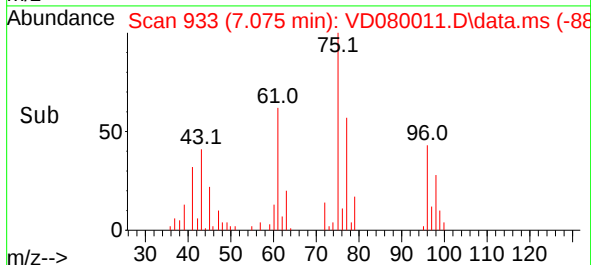
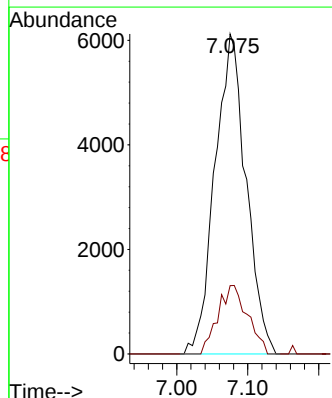
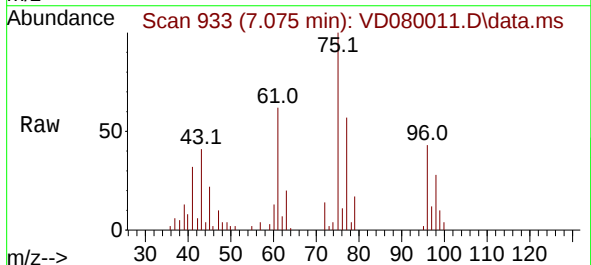
Acq: 14 Nov 2024 18:02

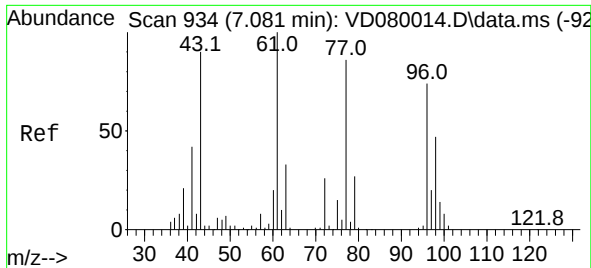
Tgt Ion: 77 Resp: 18632

Ion Ratio Lower Upper

77 100

97 20.4 11.9 35.7

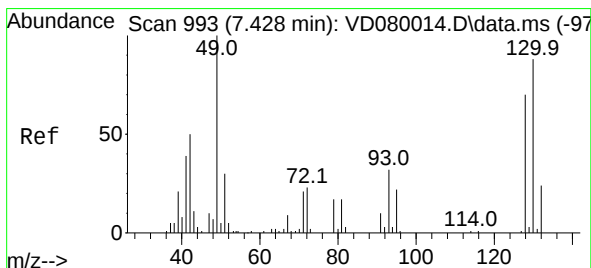
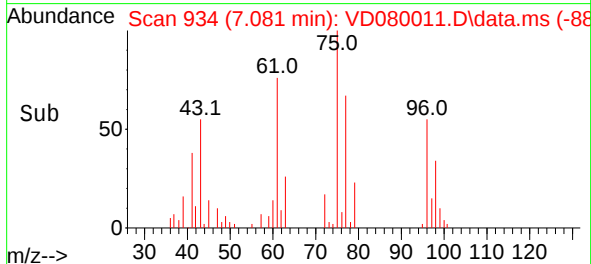
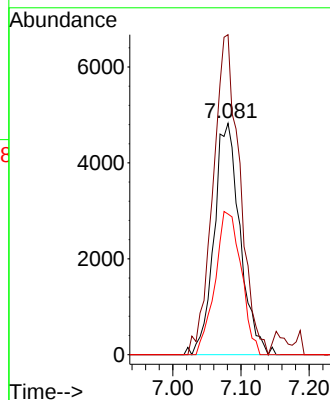
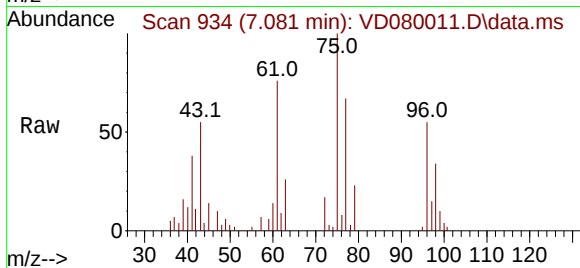




#27  
 cis-1,2-Dichloroethene  
 Concen: 5.522 ug/l  
 RT: 7.081 min Scan# 934  
 Delta R.T. -0.000 min  
 Lab File: VD080011.D  
 Acq: 14 Nov 2024 18:02

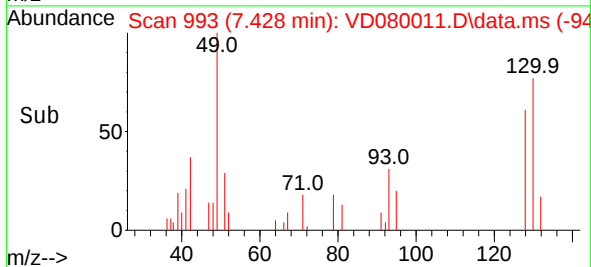
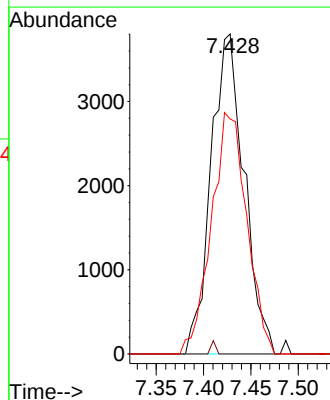
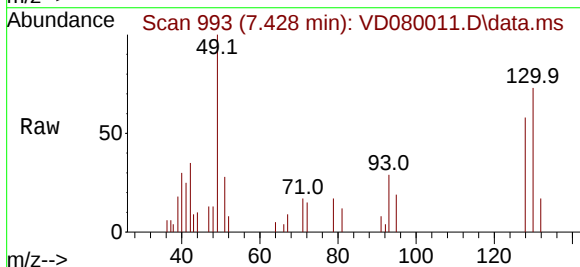
Instrument :  
 MSVOA\_D  
 ClientSampleId :

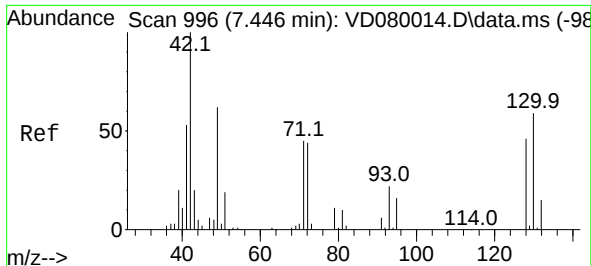
Tgt Ion: 96 Resp: 12805  
 Ion Ratio Lower Upper  
 96 100  
 61 142.2 0.0 272.4  
 98 62.2 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 5.971 ug/l  
 RT: 7.428 min Scan# 993  
 Delta R.T. -0.000 min  
 Lab File: VD080011.D  
 Acq: 14 Nov 2024 18:02

Tgt Ion: 49 Resp: 9244  
 Ion Ratio Lower Upper  
 49 100  
 129 0.6 0.0 5.6  
 130 80.5 70.6 105.8

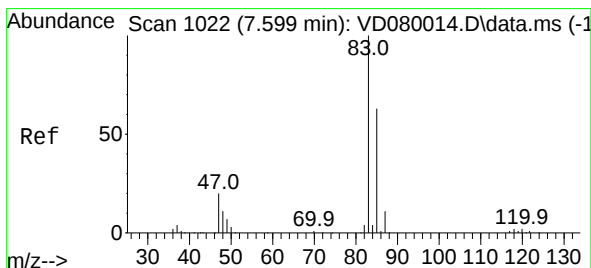
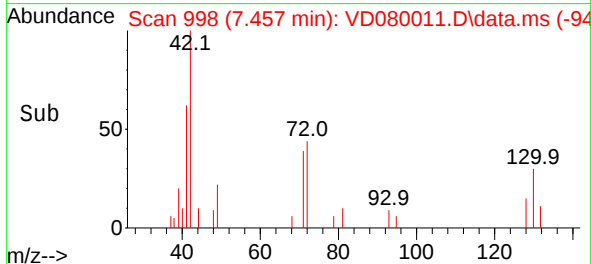
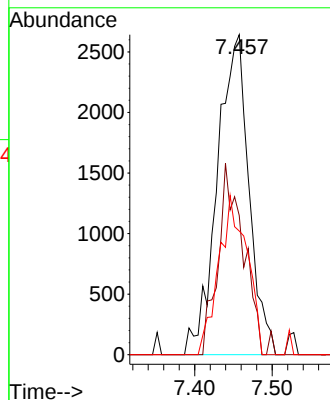
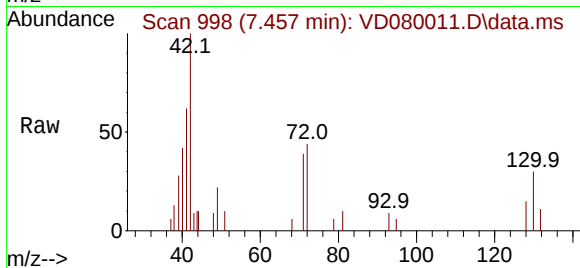




#29  
Tetrahydrofuran  
Concen: 26.978 ug/l  
RT: 7.457 min Scan# 996  
Delta R.T. 0.012 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

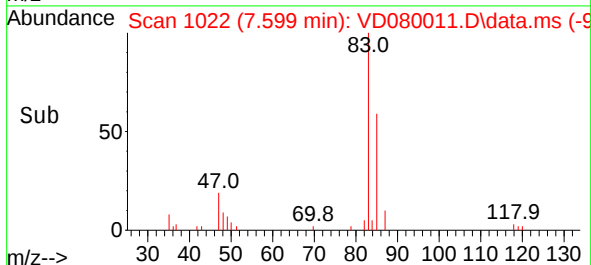
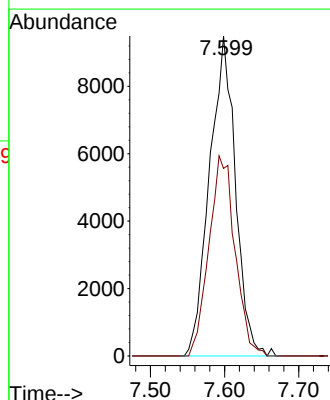
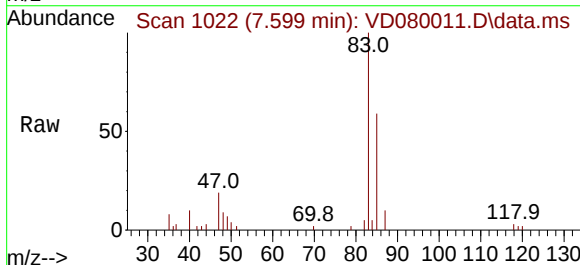
Instrument :  
MSVOA\_D  
ClientSampleId :

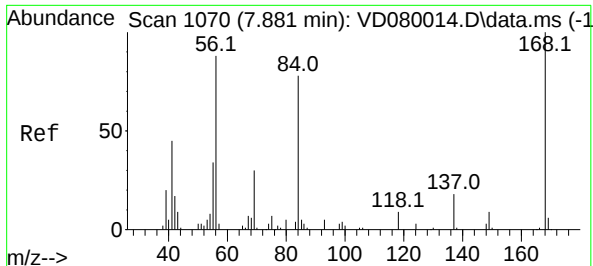
Tgt Ion: 42 Resp: 7517  
Ion Ratio Lower Upper  
42 100  
72 47.2 37.0 55.6  
71 44.4 34.7 52.1



#30  
Chloroform  
Concen: 6.028 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 83 Resp: 23087  
Ion Ratio Lower Upper  
83 100  
85 58.6 50.6 75.8





#31

Cyclohexane

Concen: 5.968 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

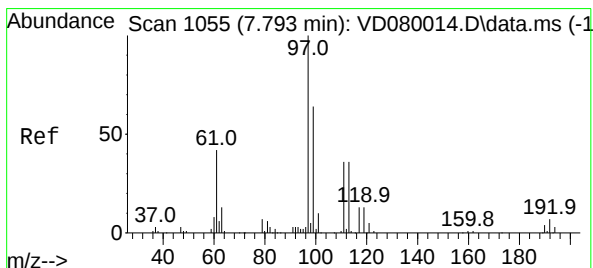
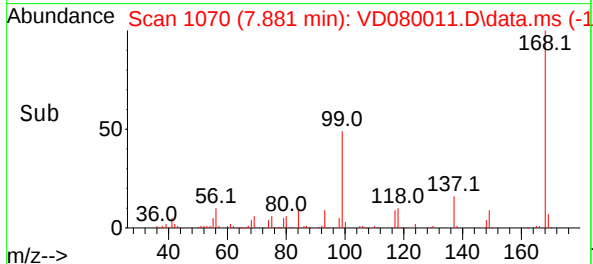
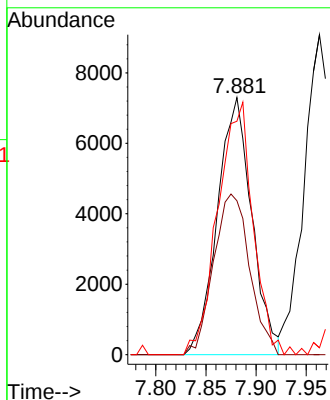
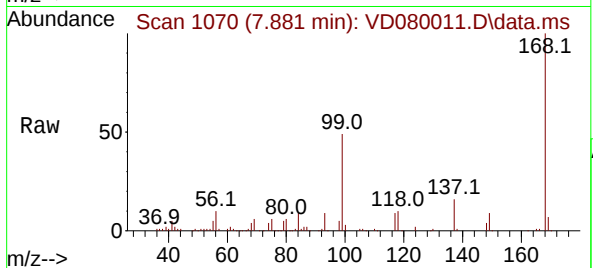
Tgt Ion: 56 Resp: 17432

Ion Ratio Lower Upper

56 100

69 59.9 27.4 41.0#

84 90.8 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 5.913 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

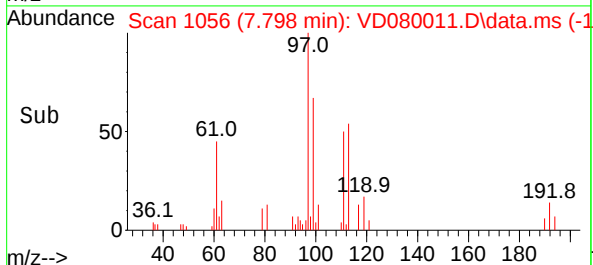
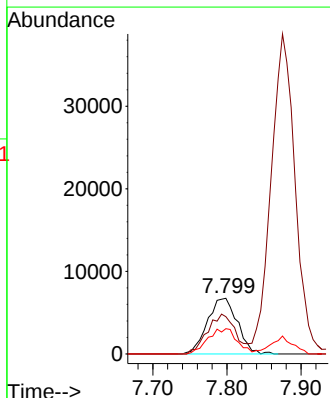
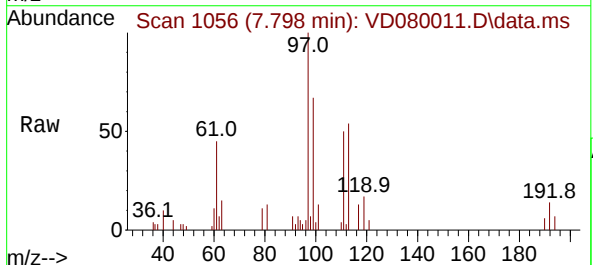
Tgt Ion: 97 Resp: 18905

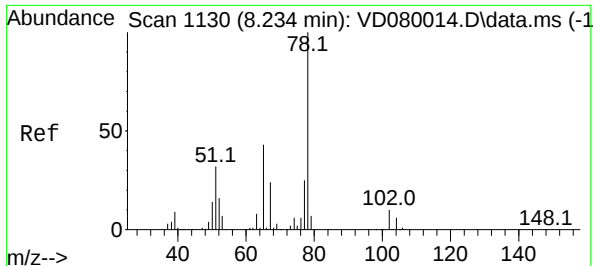
Ion Ratio Lower Upper

97 100

99 67.3 51.2 76.8

61 44.0 33.0 49.6

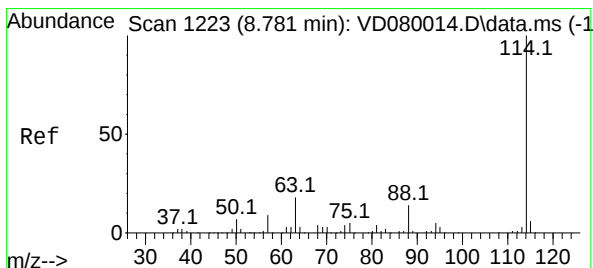
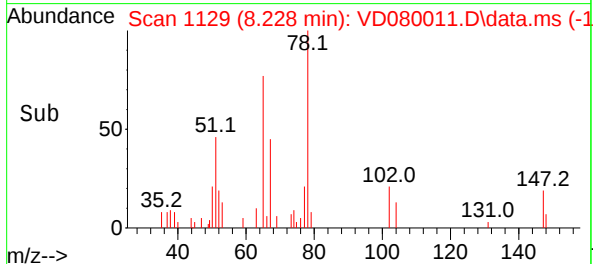
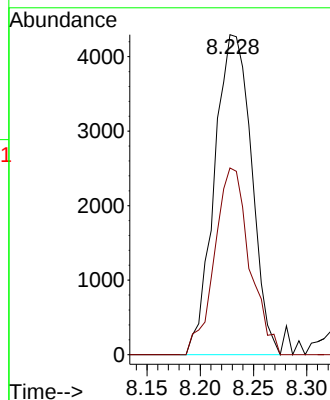
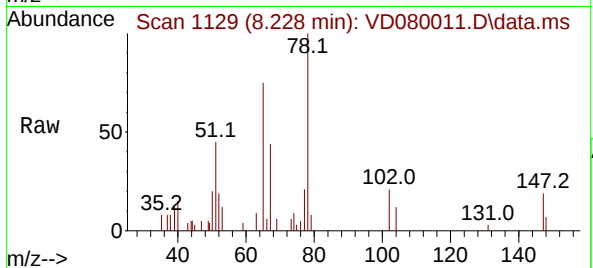




#33  
 1,2-Dichloroethane-d4  
 Concen: 5.842 ug/l  
 RT: 8.228 min Scan# 1129  
 Delta R.T. -0.006 min  
 Lab File: VD080011.D  
 Acq: 14 Nov 2024 18:02

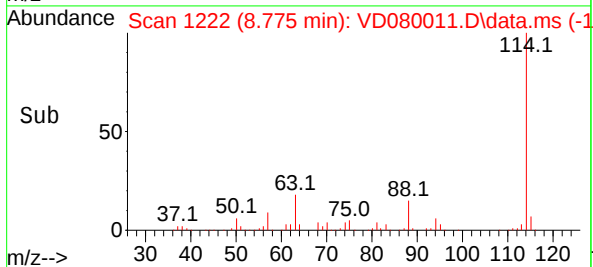
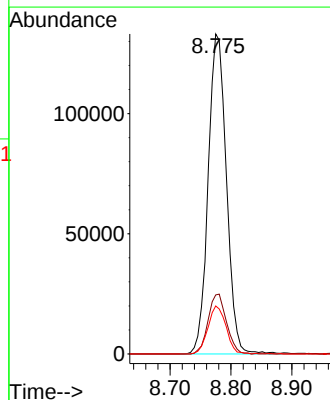
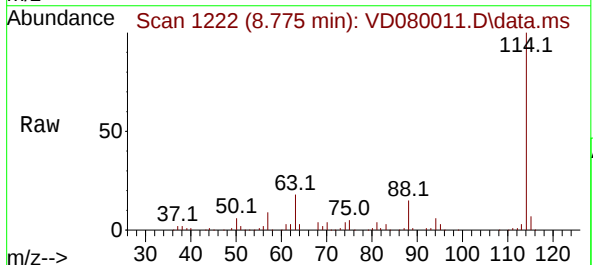
Instrument :  
 MSVOA\_D  
 ClientSampleId :

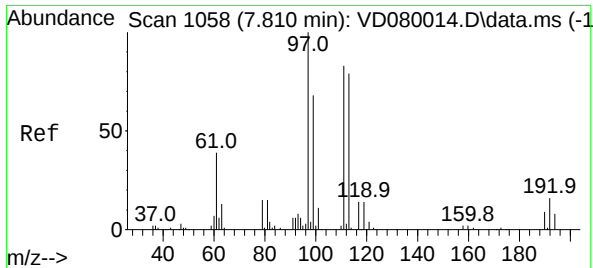
Tgt Ion: 65 Resp: 10396  
 Ion Ratio Lower Upper  
 65 100  
 67 55.3 0.0 112.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.775 min Scan# 1222  
 Delta R.T. -0.006 min  
 Lab File: VD080011.D  
 Acq: 14 Nov 2024 18:02

Tgt Ion: 114 Resp: 277459  
 Ion Ratio Lower Upper  
 114 100  
 63 18.4 0.0 36.2  
 88 15.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 5.324 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

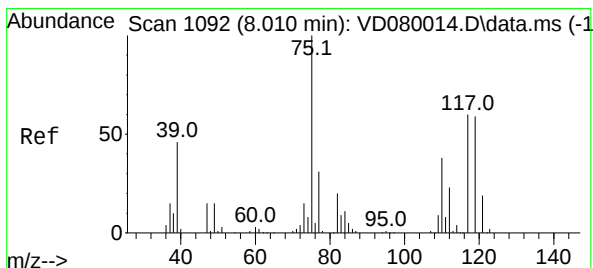
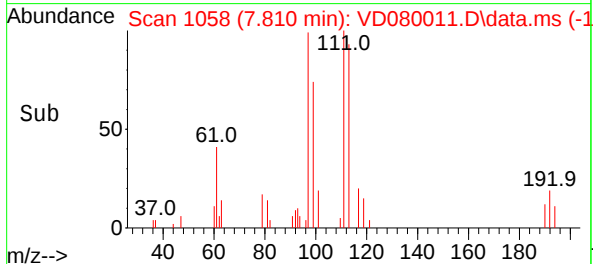
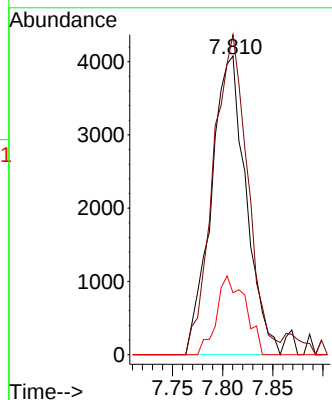
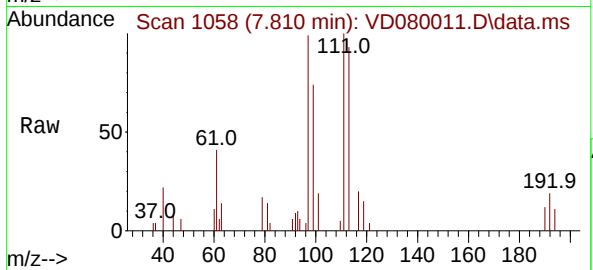
Tgt Ion:113 Resp: 9875

Ion Ratio Lower Upper

113 100

111 106.0 81.8 122.6

192 21.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.601 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

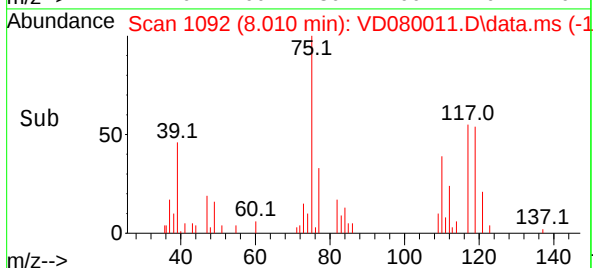
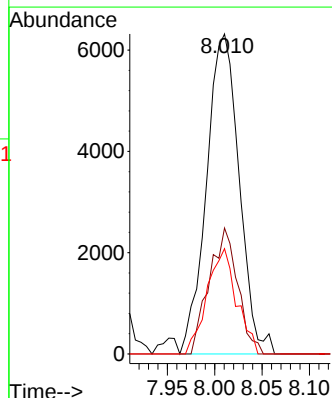
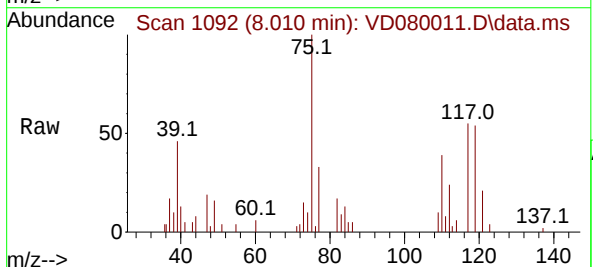
Tgt Ion: 75 Resp: 15161

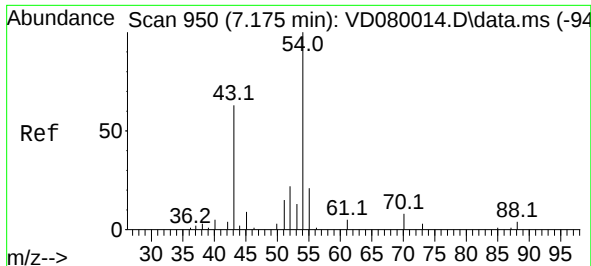
Ion Ratio Lower Upper

75 100

110 34.5 18.4 55.0

77 29.8 24.5 36.7





#37

Ethyl Acetate

Concen: 5.942 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

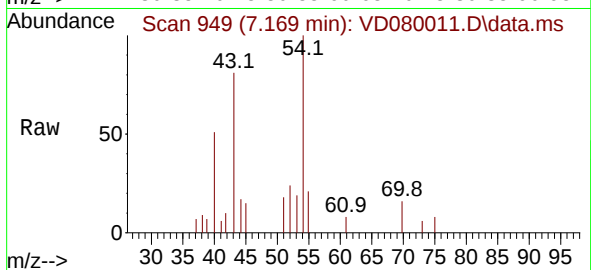
Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

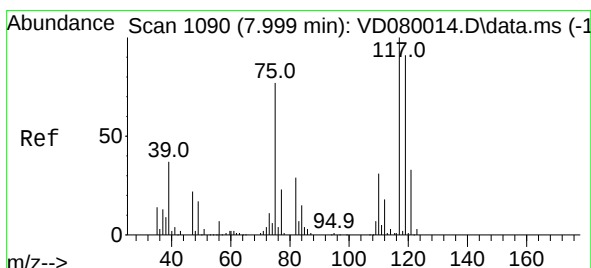
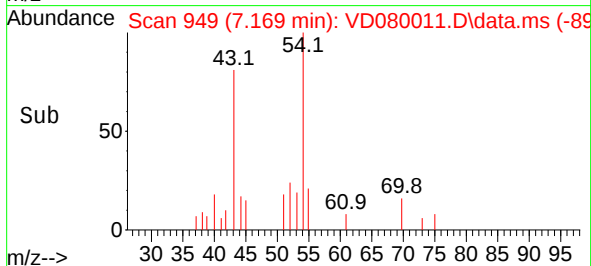
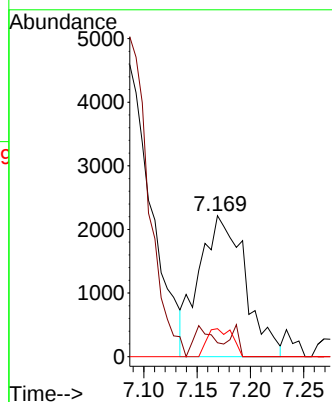
Instrument :

MSVOA\_D

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 6680     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 9.8 11.4 17.0# |
| 70          | 10.9 9.6 14.4  |



#38

Carbon Tetrachloride

Concen: 5.932 ug/l

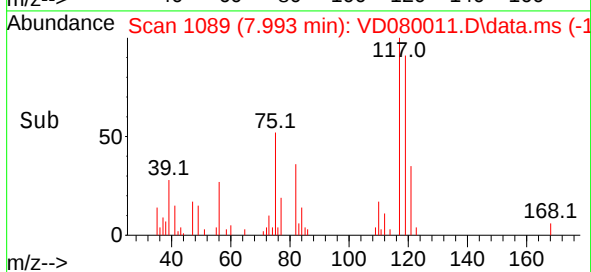
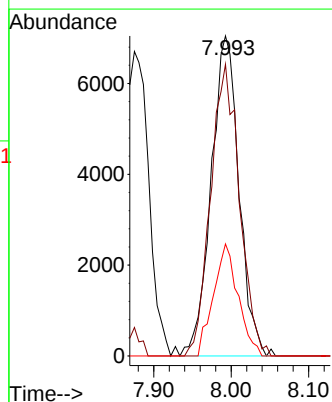
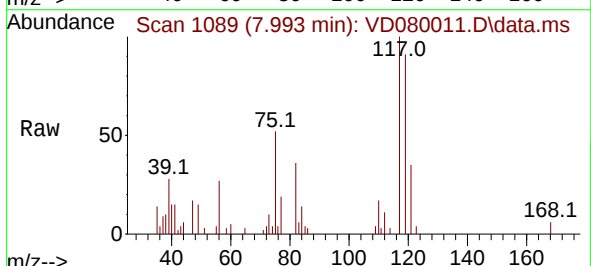
RT: 7.993 min Scan# 1089

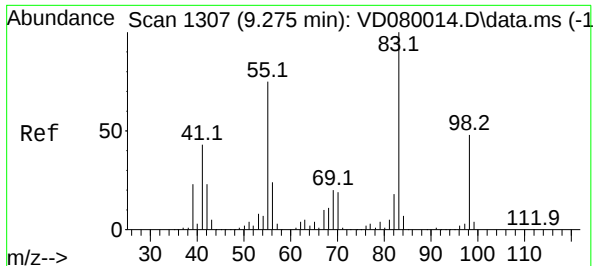
Delta R.T. -0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 17634     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 91.1 72.6 109.0 |
| 121          | 35.0 26.2 39.4  |





#39

Methylcyclohexane

Concen: 5.271 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080011.D

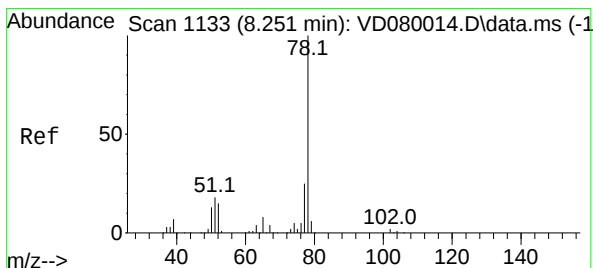
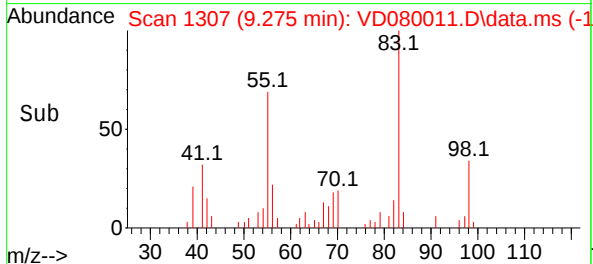
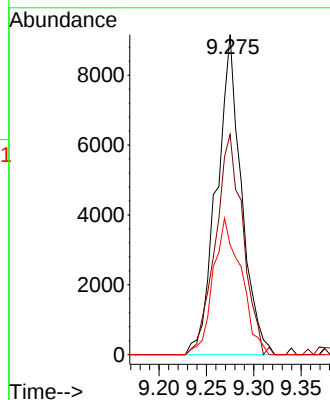
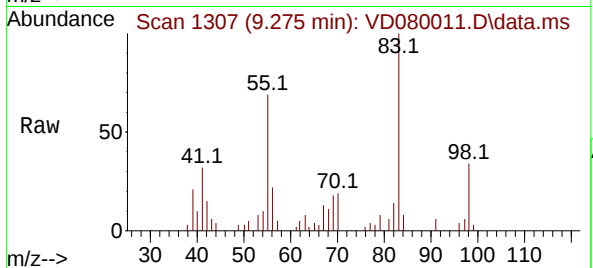
Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 16640 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 68.8  | 60.1  | 90.1  |
| 98        | 34.3  | 38.2  | 57.2# |



#40

Benzene

Concen: 5.462 ug/l

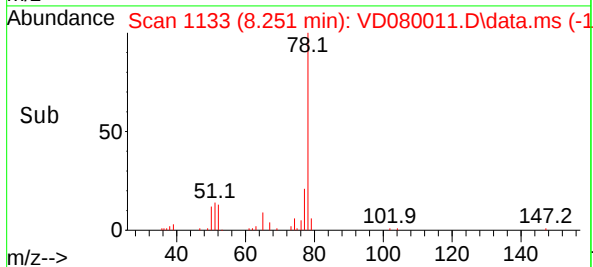
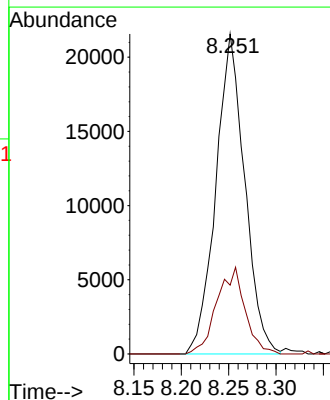
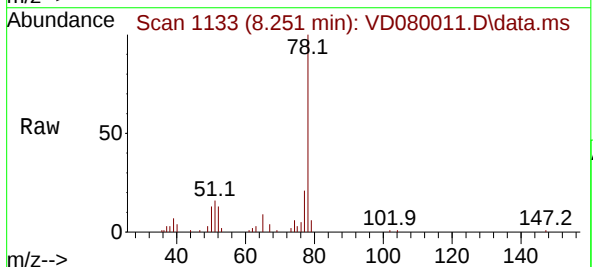
RT: 8.251 min Scan# 1133

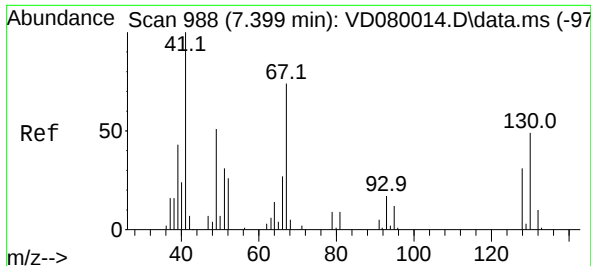
Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 78    | Resp: | 45671 |
| Ion Ratio | Lower | Upper |       |
| 78        | 100   |       |       |
| 77        | 21.5  | 19.7  | 29.5  |

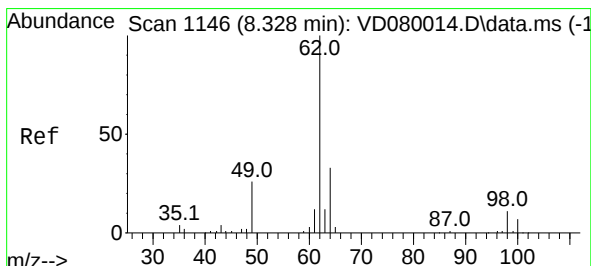
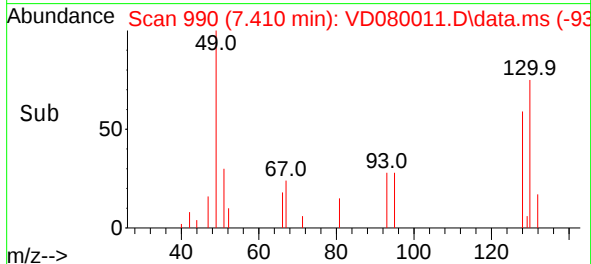
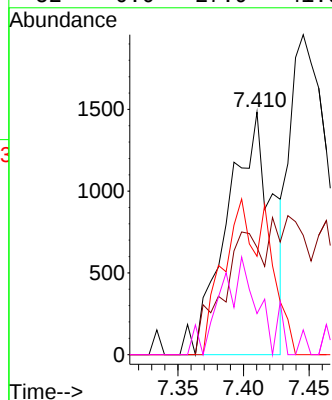
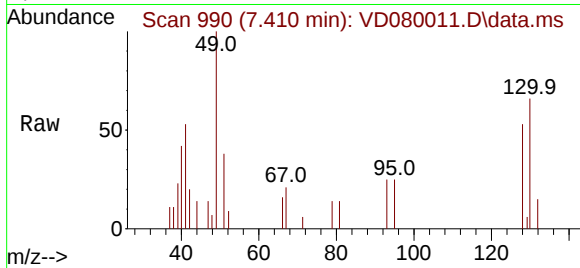




#41  
Methacrylonitrile  
Concen: 5.699 ug/l  
RT: 7.410 min Scan# 990  
Delta R.T. 0.012 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

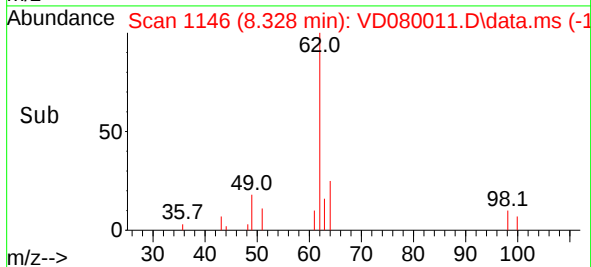
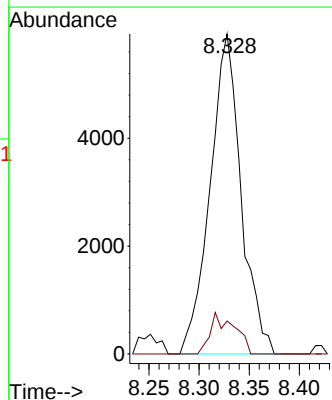
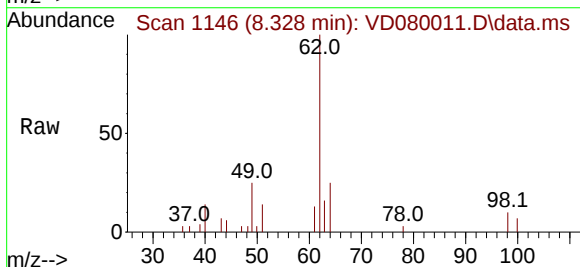
Instrument :  
MSVOA\_D  
ClientSampleId :

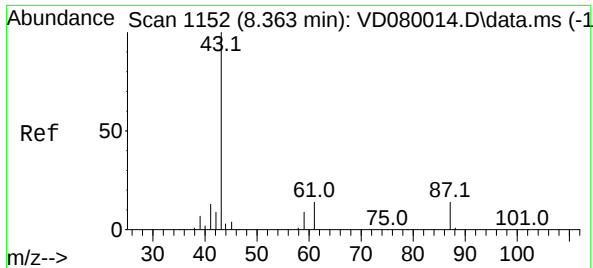
Tgt Ion: 41 Resp: 3557  
Ion Ratio Lower Upper  
41 100  
39 0.0 46.6 69.8#  
67 0.0 67.0 100.4#  
52 0.0 27.9 41.9#



#42  
1,2-Dichloroethane  
Concen: 5.817 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 62 Resp: 12744  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 21.2

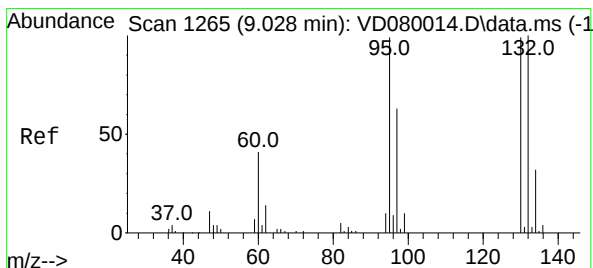
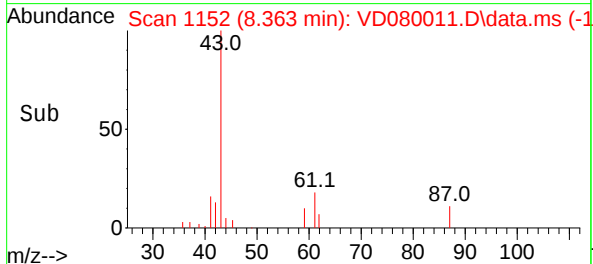
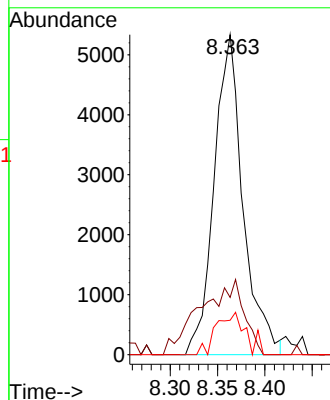
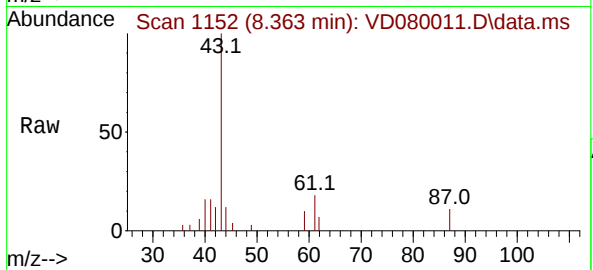




#43  
Isopropyl Acetate  
Concen: 5.543 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

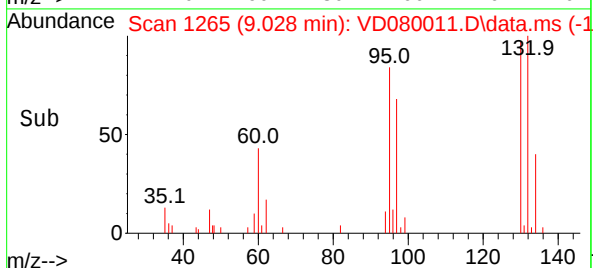
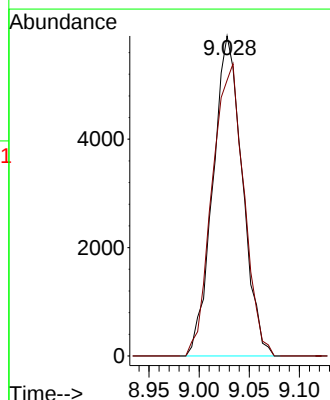
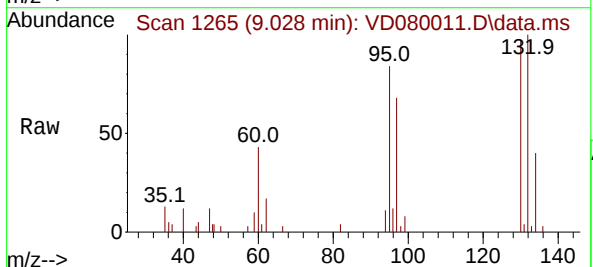
Instrument :  
MSVOA\_D  
ClientSampleId :

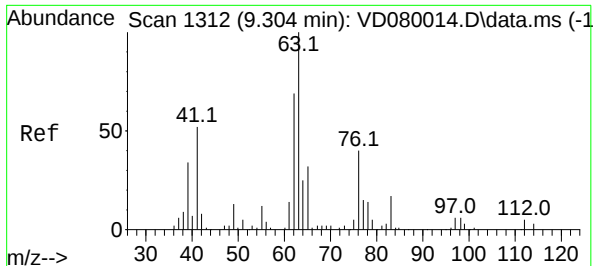
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 11324 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 35.6  | 27.0  | 40.4  |
| 87       | 13.4  | 11.3  | 16.9  |



#44  
Trichloroethene  
Concen: 5.570 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 12011 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 86.2  | 0.0   | 201.0 |

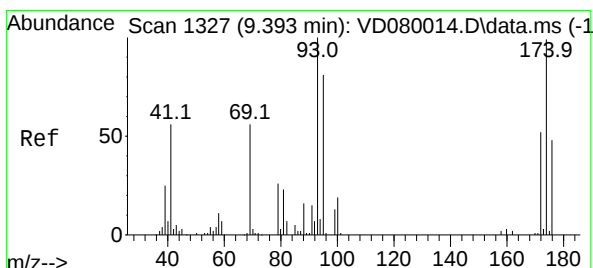
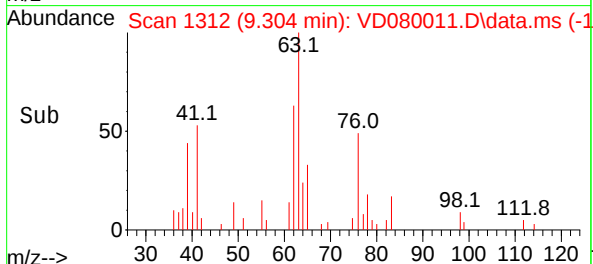
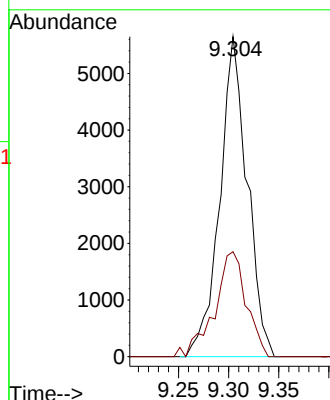
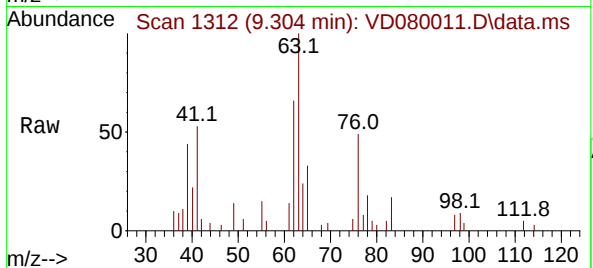




#45  
1,2-Dichloropropane  
Concen: 5.401 ug/l  
RT: 9.304 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

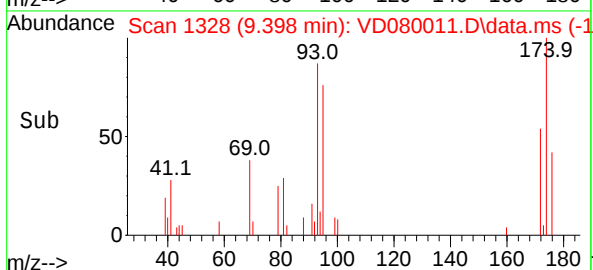
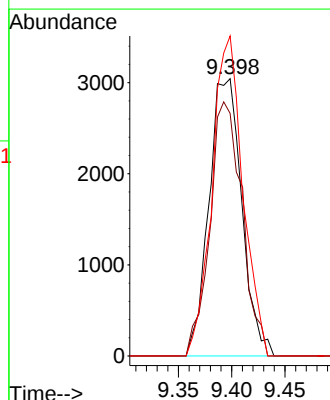
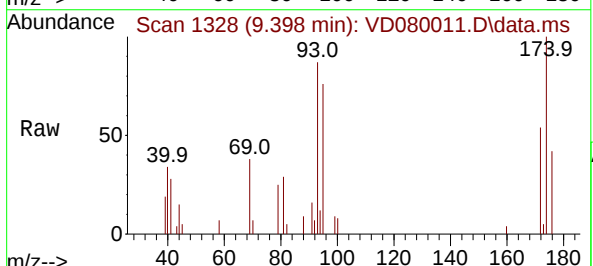
Instrument :  
MSVOA\_D  
ClientSampleId :

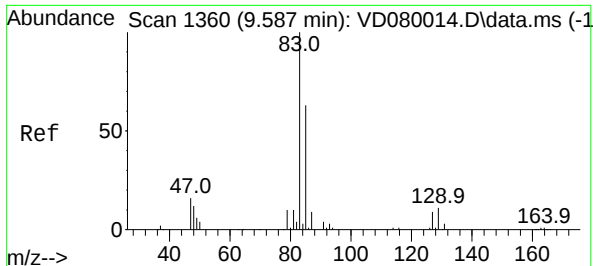
Tgt Ion: 63 Resp: 10747  
Ion Ratio Lower Upper  
63 100  
65 32.8 25.8 38.6



#46  
Dibromomethane  
Concen: 5.574 ug/l  
RT: 9.398 min Scan# 1328  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 93 Resp: 6519  
Ion Ratio Lower Upper  
93 100  
95 90.0 66.8 100.2  
174 108.2 83.9 125.9

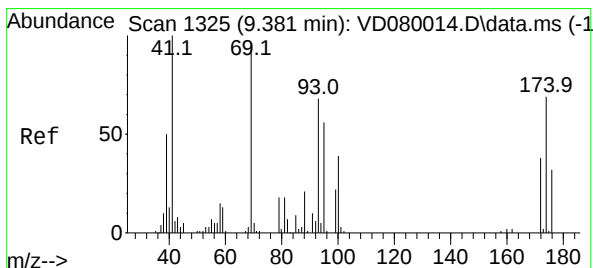
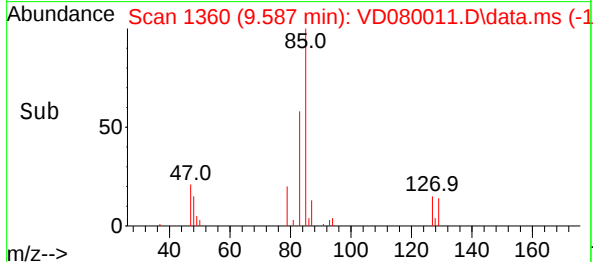
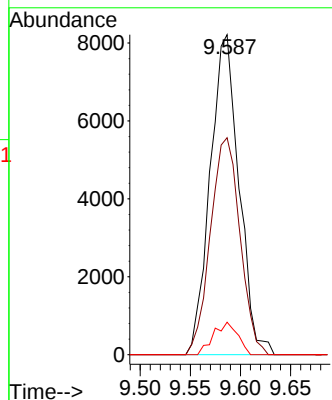
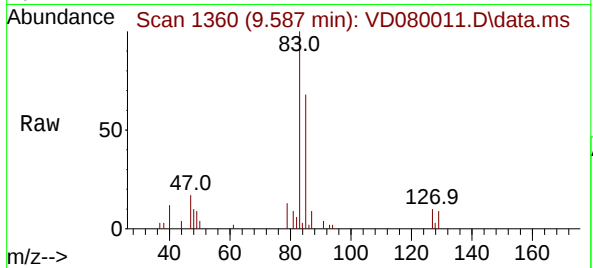




#47  
Bromodichloromethane  
Concen: 5.602 ug/l  
RT: 9.587 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

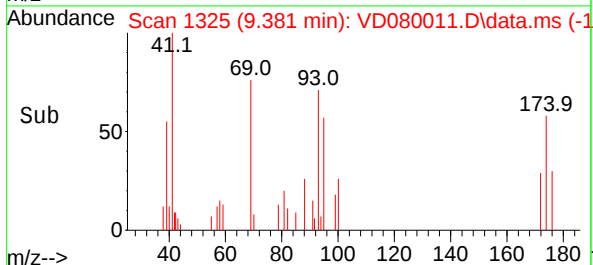
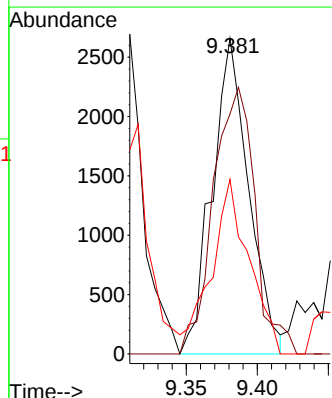
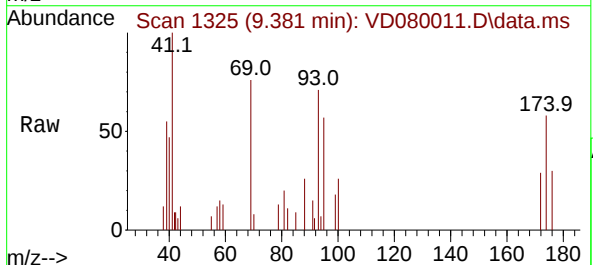
Instrument :  
MSVOA\_D  
ClientSampleId :

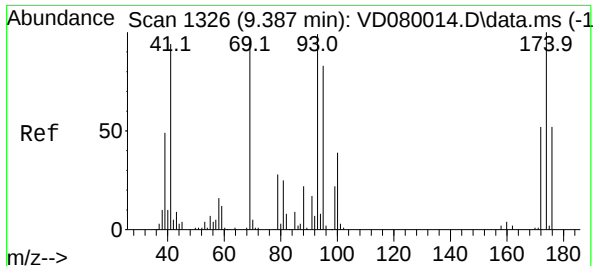
Tgt Ion: 83 Resp: 16422  
Ion Ratio Lower Upper  
83 100  
85 67.8 50.7 76.1  
127 10.2 7.0 10.6



#48  
Methyl methacrylate  
Concen: 5.231 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 41 Resp: 4776  
Ion Ratio Lower Upper  
41 100  
69 96.2 77.0 115.4  
39 56.7 41.2 61.8





#49

1,4-Dioxane

Concen: 99.167 ug/l

RT: 9.387 min Scan# 14

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

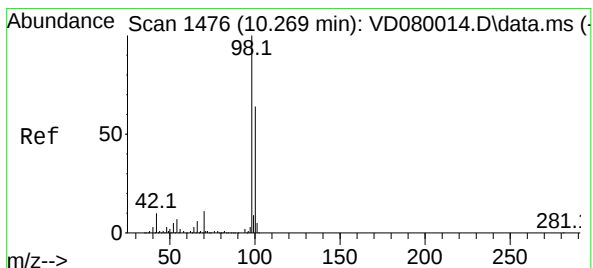
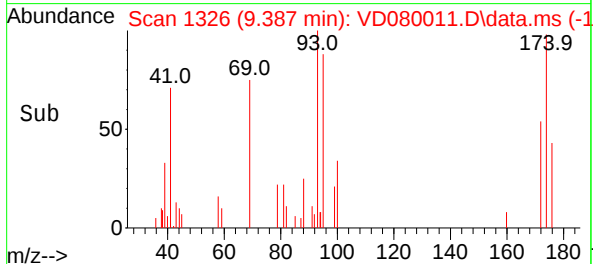
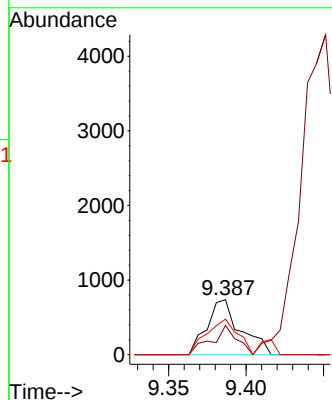
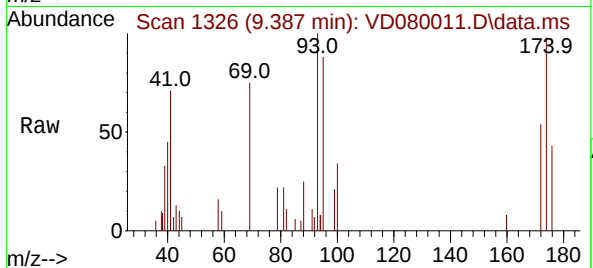
Tgt Ion: 88 Resp: 1105

Ion Ratio Lower Upper

88 100

43 40.2 28.0 42.0

58 60.5 55.2 82.8



#50

Toluene-d8

Concen: 5.132 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080011.D

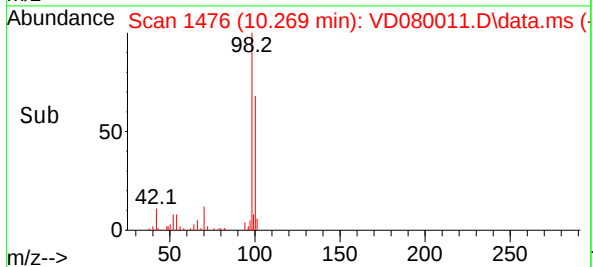
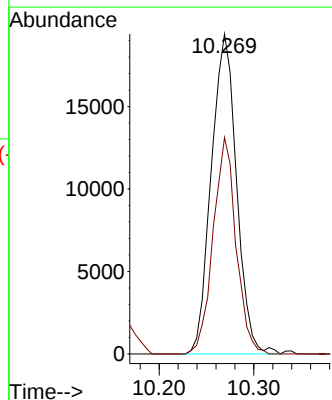
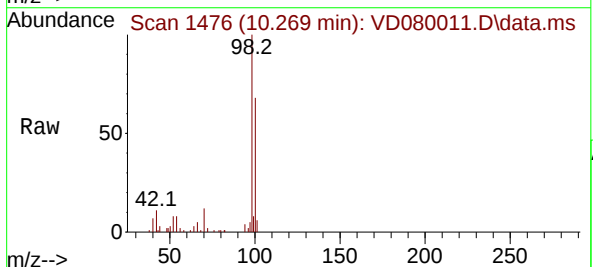
Acq: 14 Nov 2024 18:02

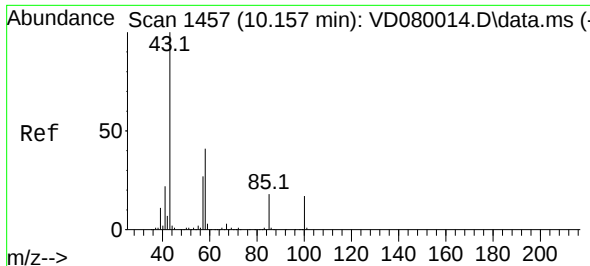
Tgt Ion: 98 Resp: 36017

Ion Ratio Lower Upper

98 100

100 61.3 52.0 78.0

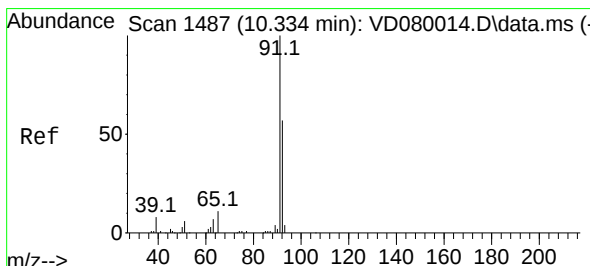
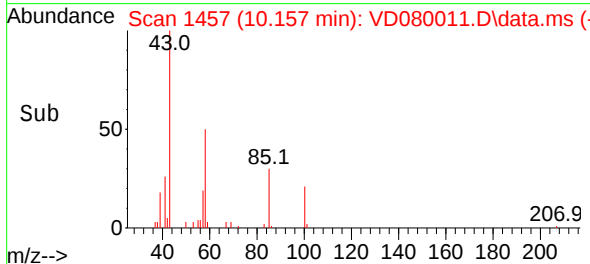
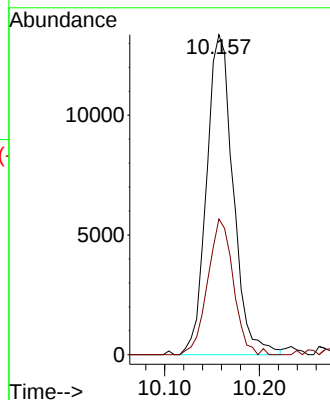
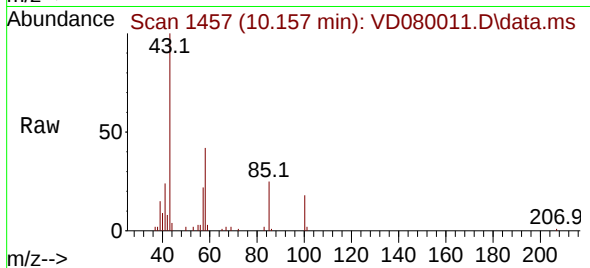




#51  
4-Methyl-2-Pentanone  
Concen: 25.332 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

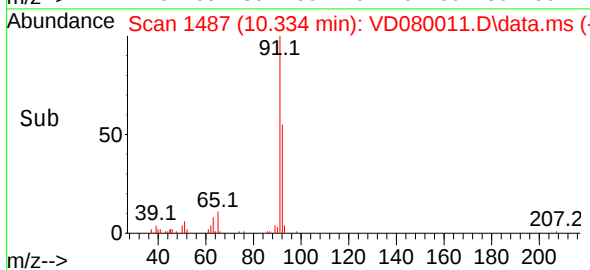
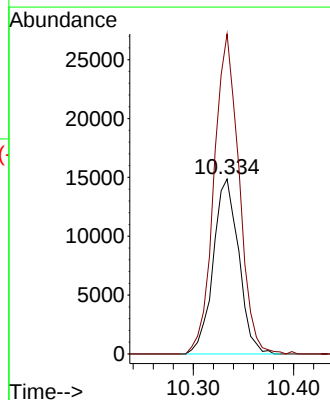
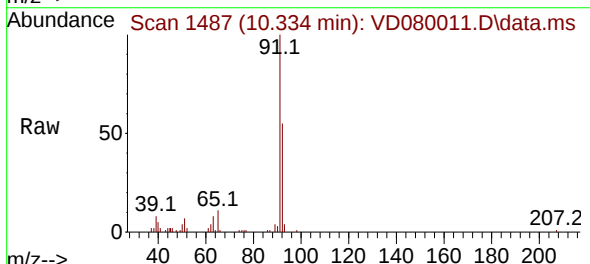
Instrument :  
MSVOA\_D  
ClientSampleId :

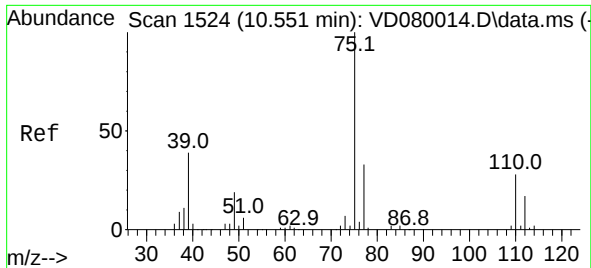
Tgt Ion: 43 Resp: 26078  
Ion Ratio Lower Upper  
43 100  
58 40.8 32.6 48.8



#52  
Toluene  
Concen: 5.043 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 92 Resp: 26260  
Ion Ratio Lower Upper  
92 100  
91 180.0 141.4 212.2





#53

t-1,3-Dichloropropene

Concen: 5.048 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

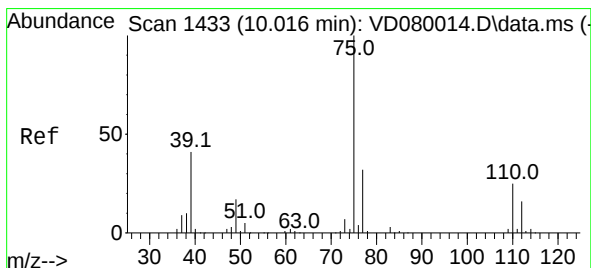
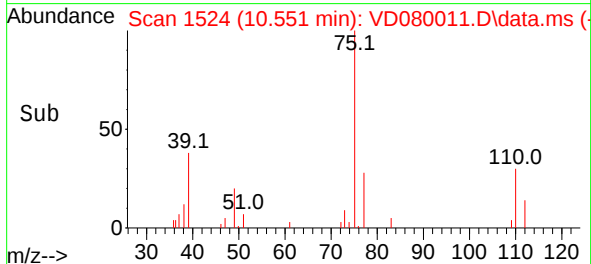
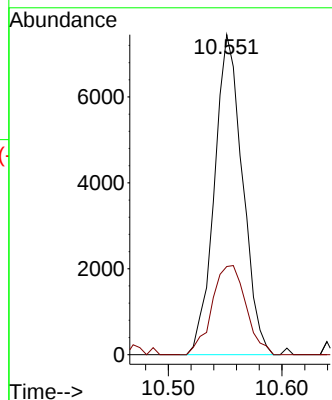
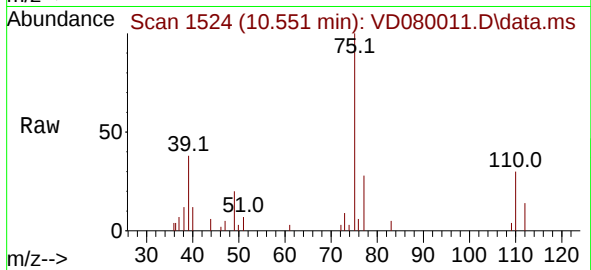
ClientSampleId :

Tgt Ion: 75 Resp: 12830

Ion Ratio Lower Upper

75 100

77 27.5 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 5.093 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

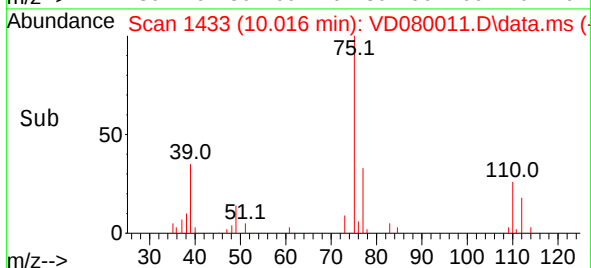
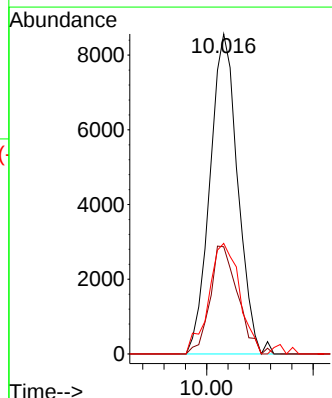
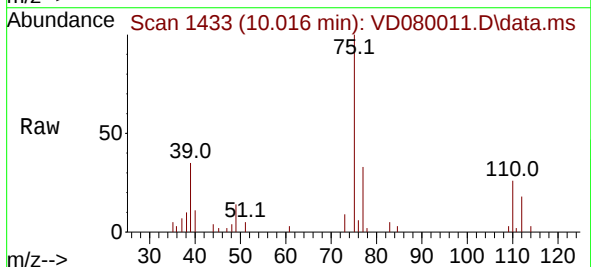
Tgt Ion: 75 Resp: 15514

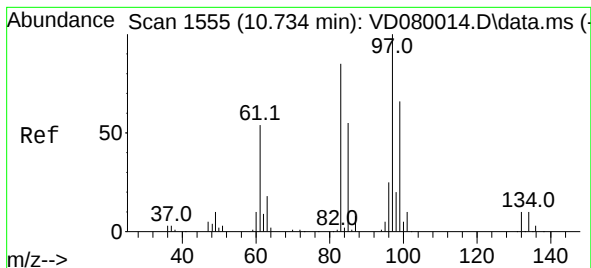
Ion Ratio Lower Upper

75 100

77 33.5 25.7 38.5

39 34.6 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 5.715 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

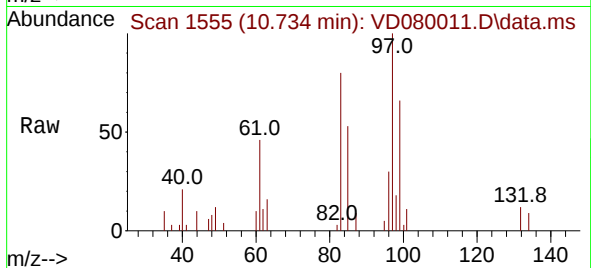
Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

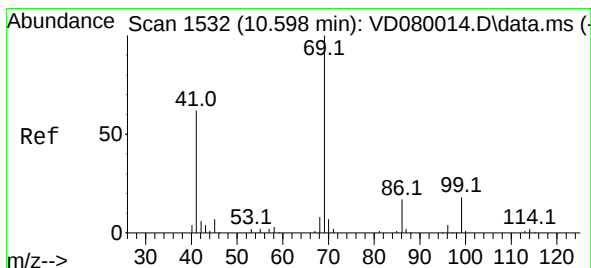
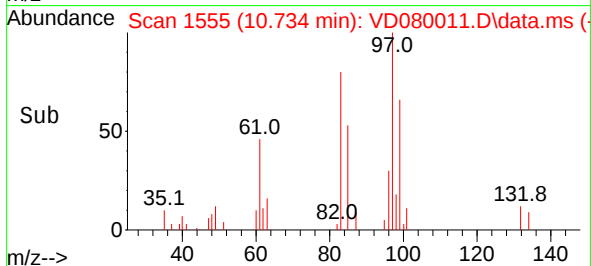
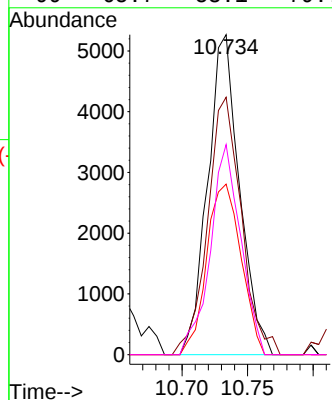
MSVOA\_D

ClientSampleId :



Tgt Ion: 97 Resp: 8925

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.5  | 68.2  | 102.2 |
| 85  | 53.3  | 44.2  | 66.2  |
| 99  | 65.7  | 53.1  | 79.7  |



#56

Ethyl methacrylate

Concen: 4.913 ug/l

RT: 10.598 min Scan# 1532

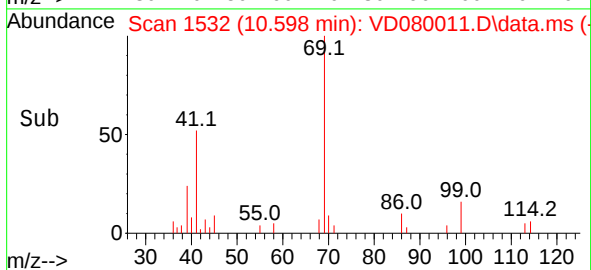
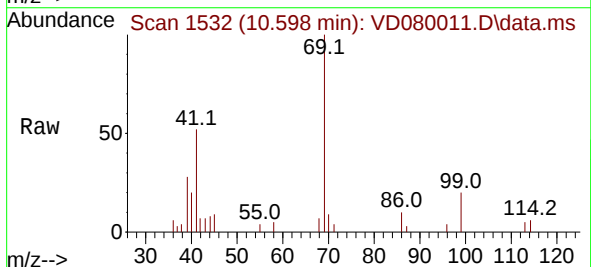
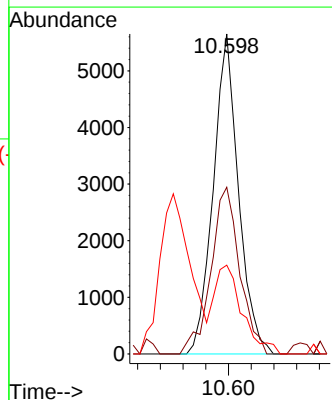
Delta R.T. -0.000 min

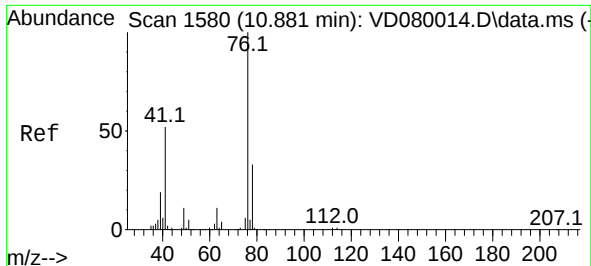
Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Tgt Ion: 69 Resp: 8722

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.2  | 48.0  | 72.0  |
| 39  | 30.7  | 25.0  | 37.4  |





#57

1,3-Dichloropropane

Concen: 5.528 ug/l

RT: 10.881 min Scan# 1407

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

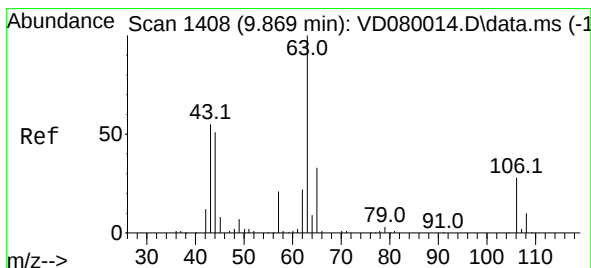
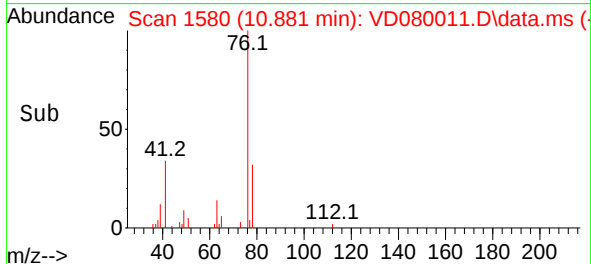
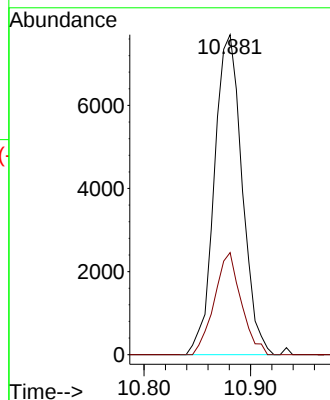
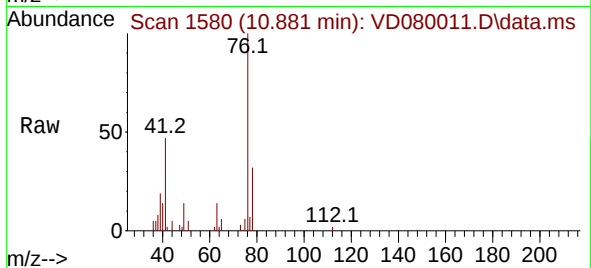
ClientSampleId :

Tgt Ion: 76 Resp: 13955

Ion Ratio Lower Upper

76 100

78 30.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 22.331 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. -0.006 min

Lab File: VD080011.D

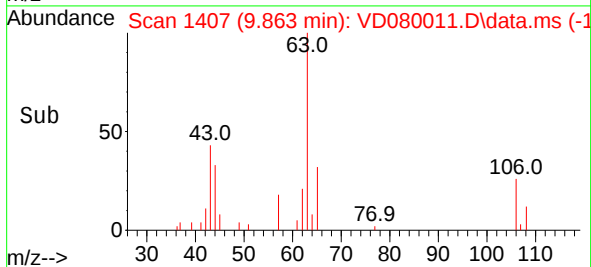
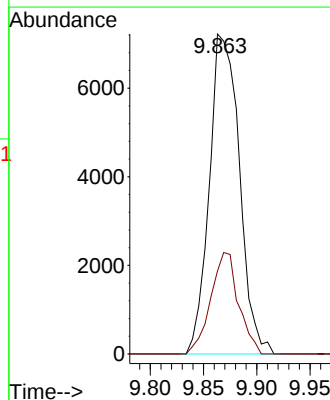
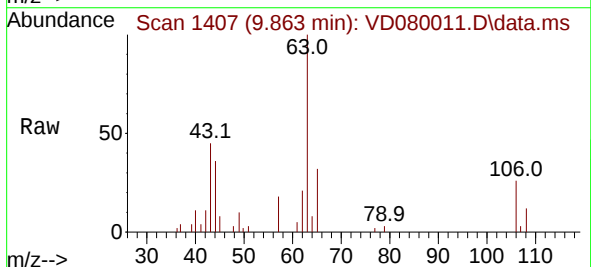
Acq: 14 Nov 2024 18:02

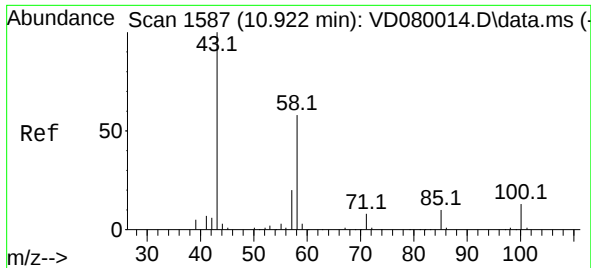
Tgt Ion: 63 Resp: 14158

Ion Ratio Lower Upper

63 100

106 29.3 23.3 34.9

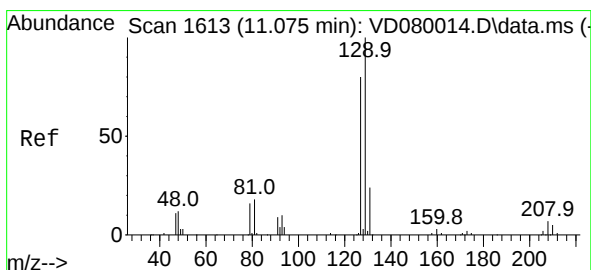
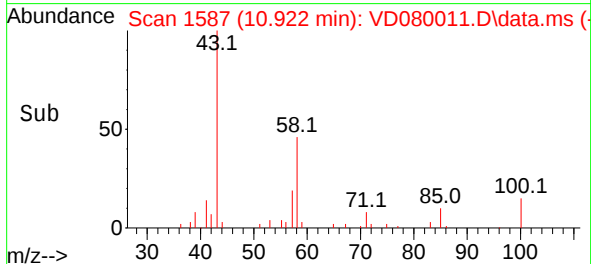
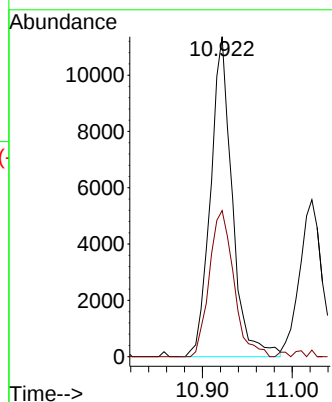
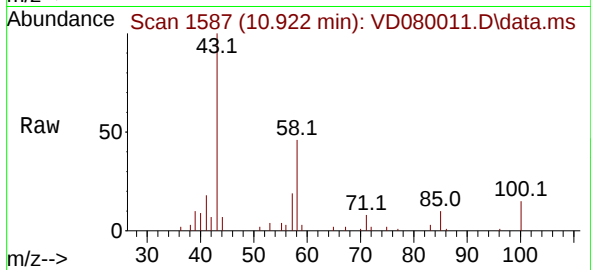




#59  
2-Hexanone  
Concen: 24.129 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

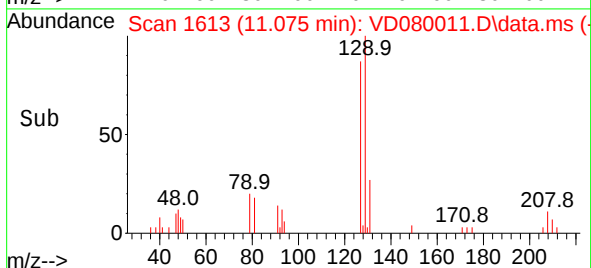
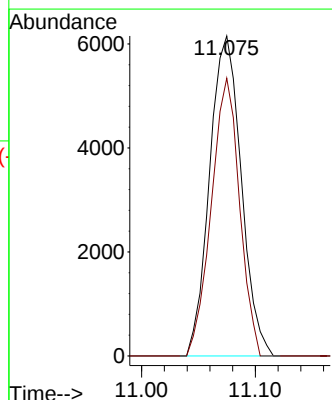
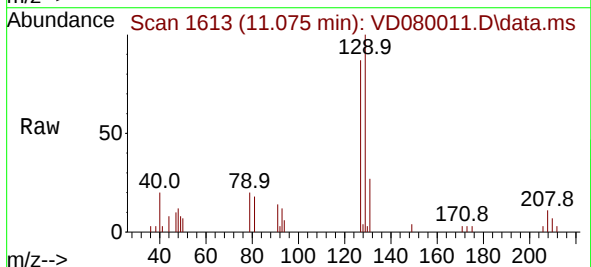
Instrument :  
MSVOA\_D  
ClientSampleId :

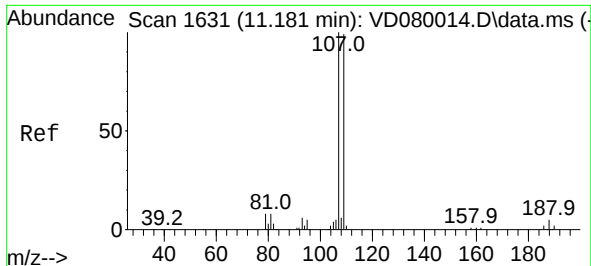
Tgt Ion: 43 Resp: 19062  
Ion Ratio Lower Upper  
43 100  
58 51.6 29.1 87.4



#60  
Dibromochloromethane  
Concen: 5.755 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 129 Resp: 11901  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.2 117.6

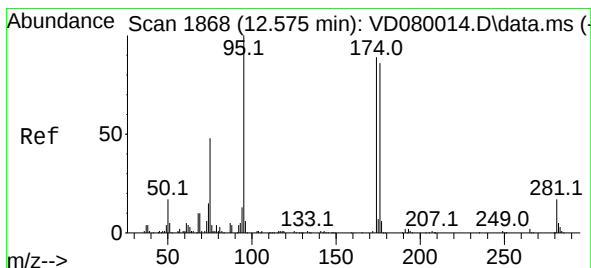
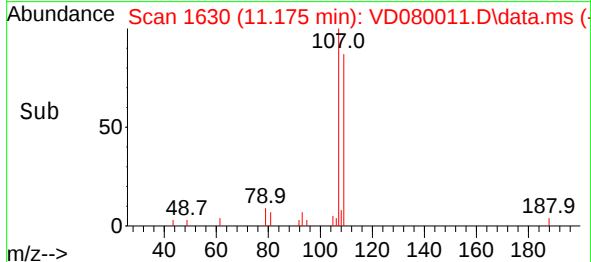
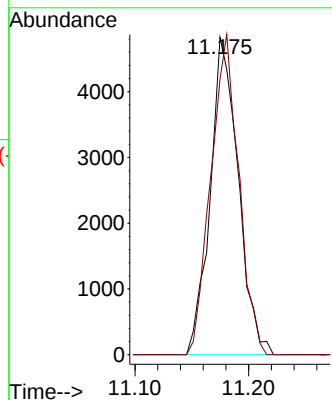
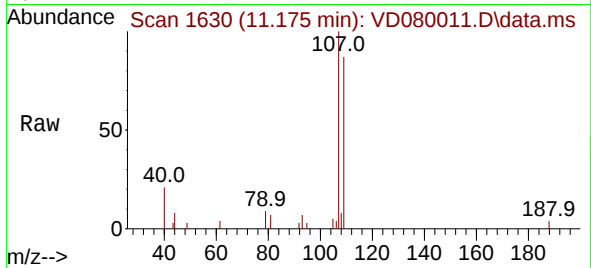




#61  
1,2-Dibromoethane  
Concen: 5.649 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. -0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

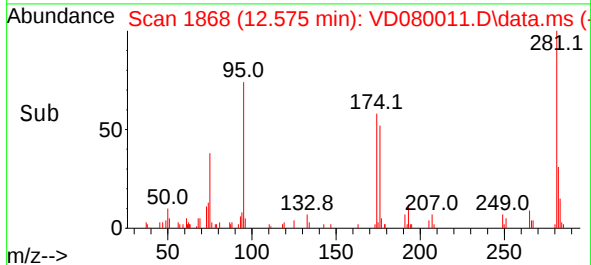
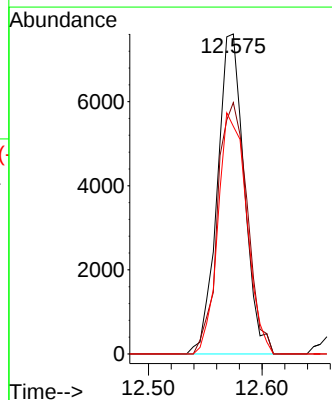
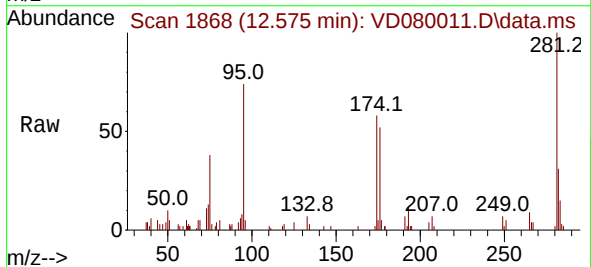
Instrument :  
MSVOA\_D  
ClientSampleId :

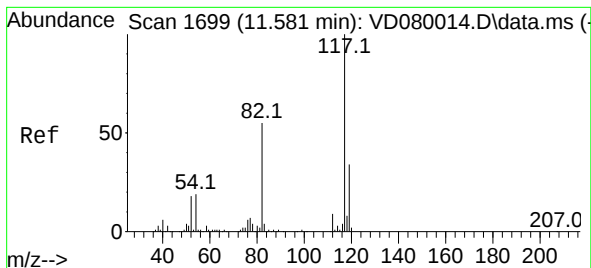
Tgt Ion:107 Resp: 8281  
Ion Ratio Lower Upper  
107 100  
109 100.5 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 5.318 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 95 Resp: 12519  
Ion Ratio Lower Upper  
95 100  
174 86.6 0.0 172.2  
176 80.2 0.0 166.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

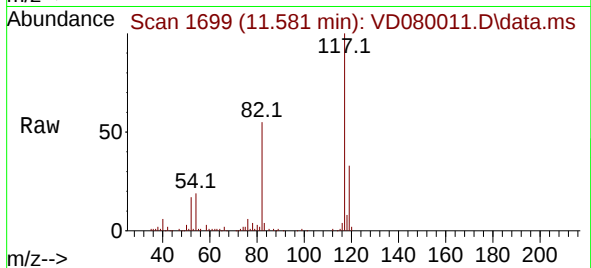
Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :



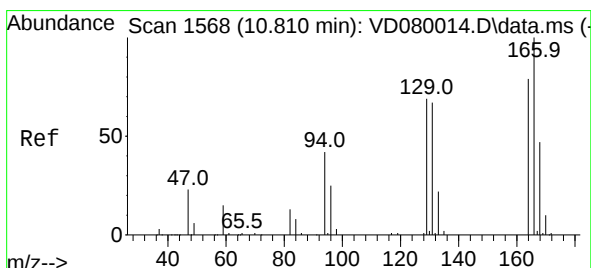
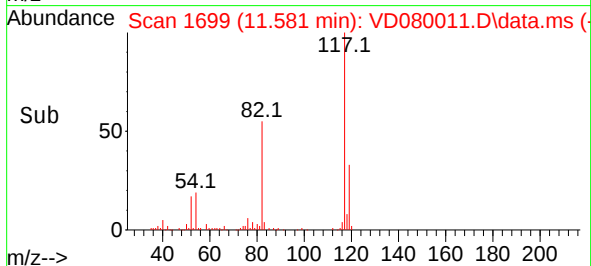
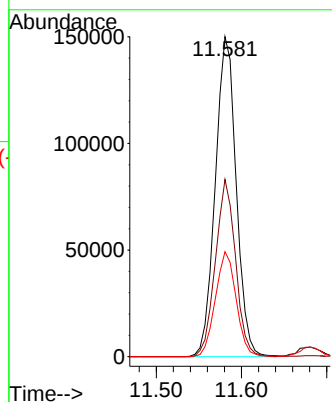
Tgt Ion:117 Resp: 256196

Ion Ratio Lower Upper

117 100

82 55.4 43.7 65.5

119 32.8 26.8 40.2



#64

Tetrachloroethene

Concen: 5.789 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Tgt Ion:164 Resp: 11194

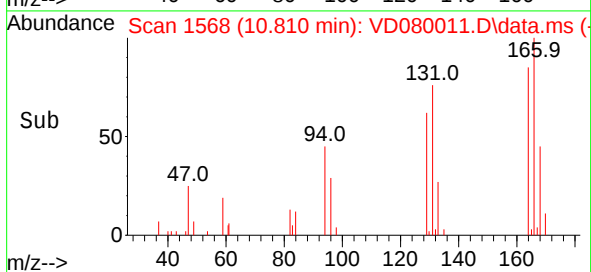
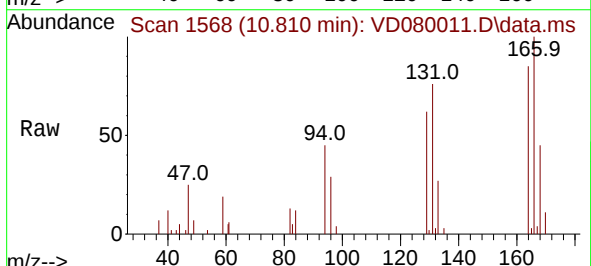
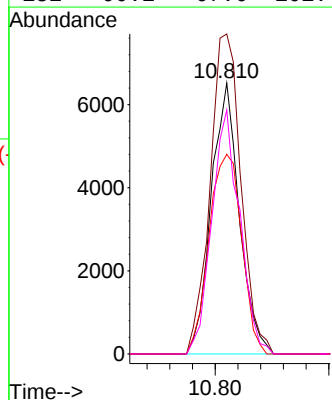
Ion Ratio Lower Upper

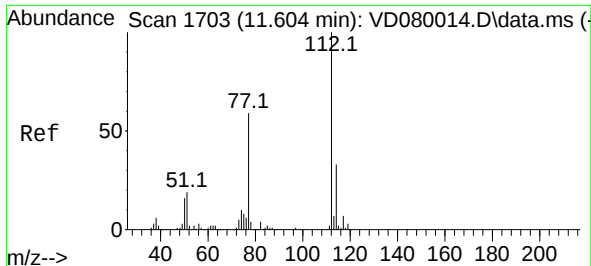
164 100

166 118.1 101.4 152.2

129 73.7 69.6 104.4

131 90.1 67.6 101.4





#65

Chlorobenzene

Concen: 5.709 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

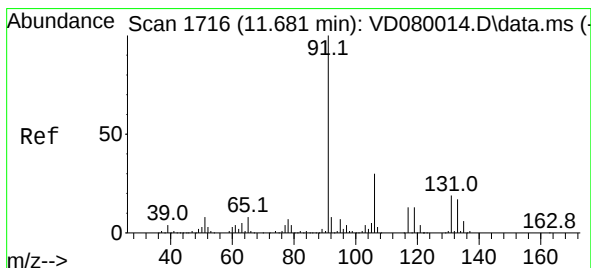
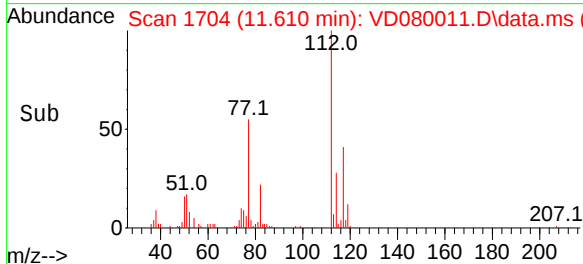
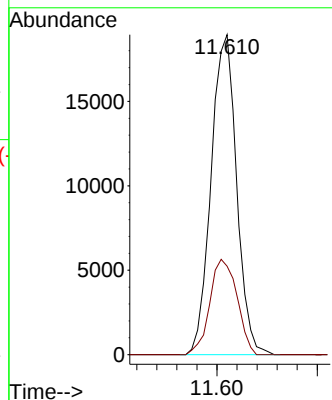
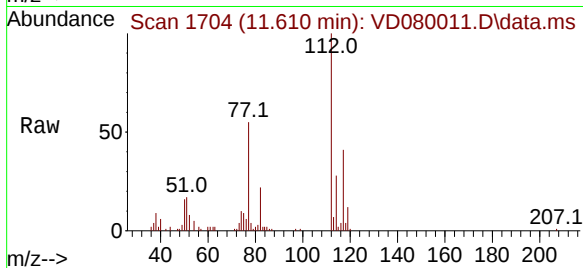
ClientSampleId :

Tgt Ion:112 Resp: 33511

Ion Ratio Lower Upper

112 100

114 27.7 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 5.607 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

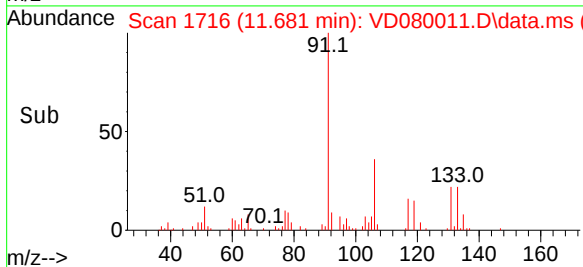
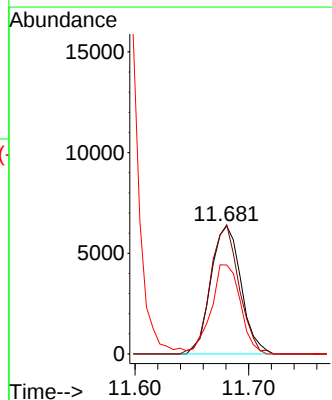
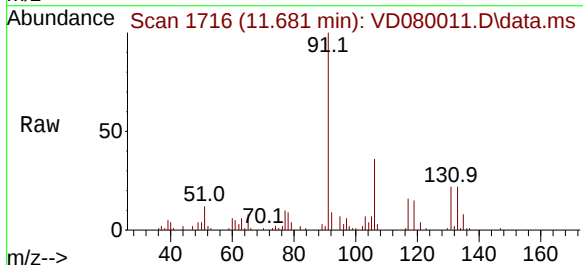
Tgt Ion:131 Resp: 11700

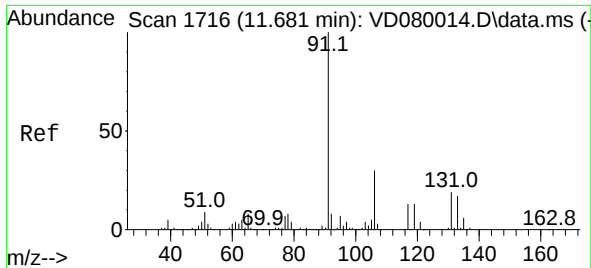
Ion Ratio Lower Upper

131 100

133 95.7 46.5 139.5

119 67.3 33.0 98.9





#67

Ethyl Benzene

Concen: 4.992 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

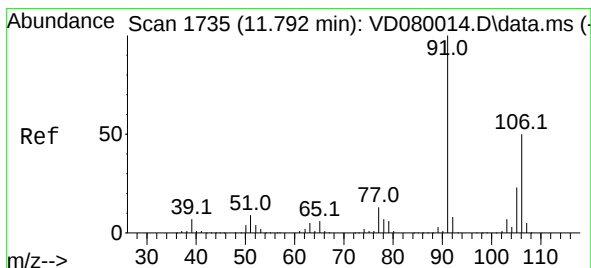
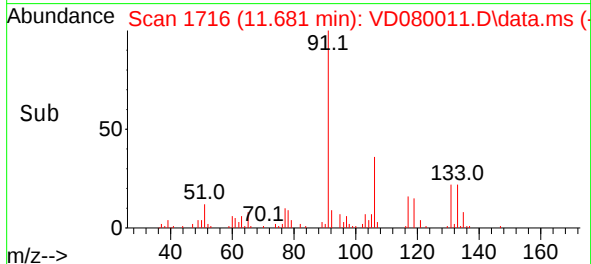
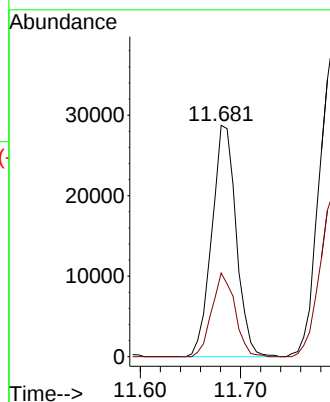
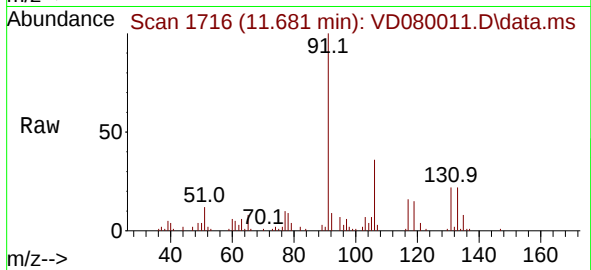
ClientSampleId :

Tgt Ion: 91 Resp: 48499

Ion Ratio Lower Upper

91 100

106 36.2 24.4 36.6



#68

m/p-Xylenes

Concen: 9.918 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080011.D

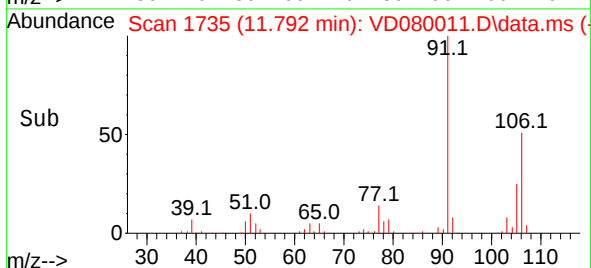
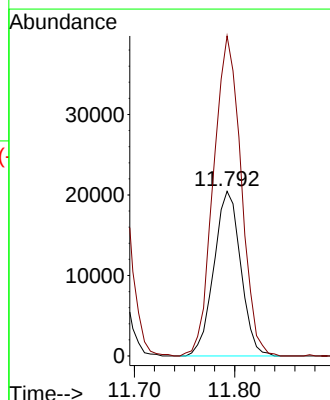
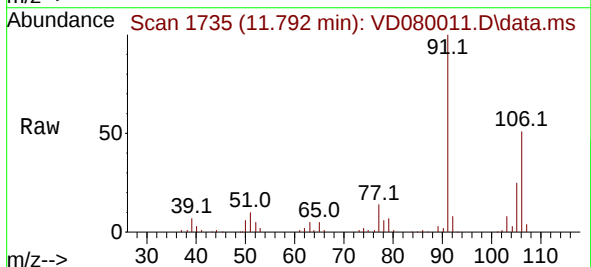
Acq: 14 Nov 2024 18:02

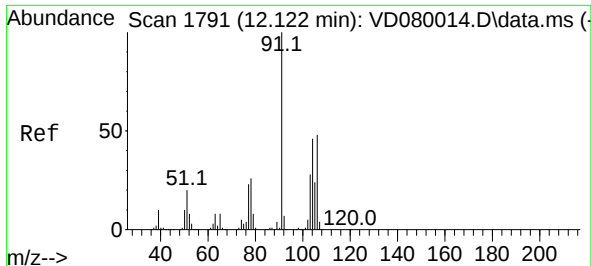
Tgt Ion: 106 Resp: 37997

Ion Ratio Lower Upper

106 100

91 200.2 161.0 241.4





#69

o-Xylene

Concen: 4.728 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

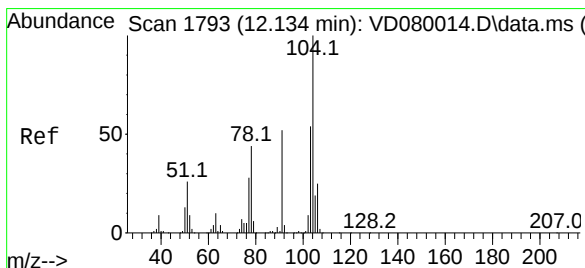
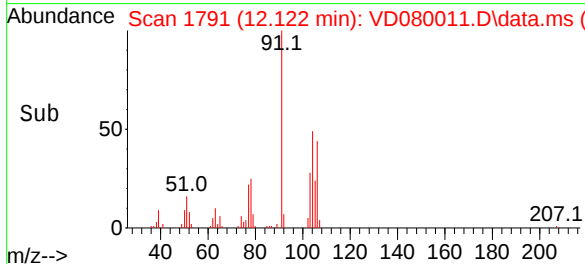
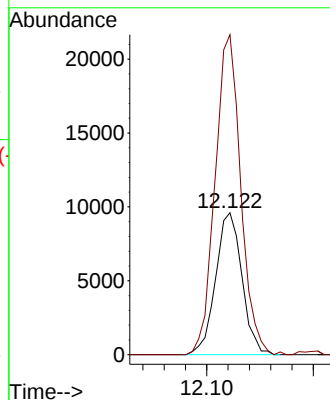
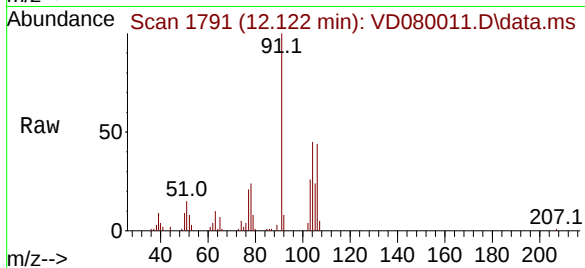
ClientSampleId :

Tgt Ion:106 Resp: 16448

Ion Ratio Lower Upper

106 100

91 220.0 105.8 317.6



#70

Styrene

Concen: 4.751 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

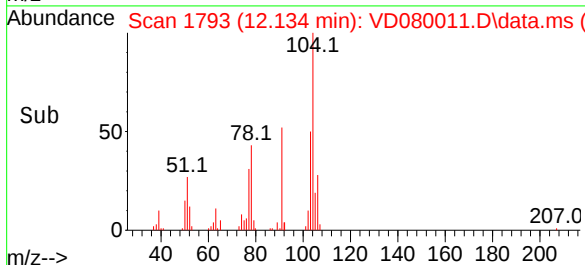
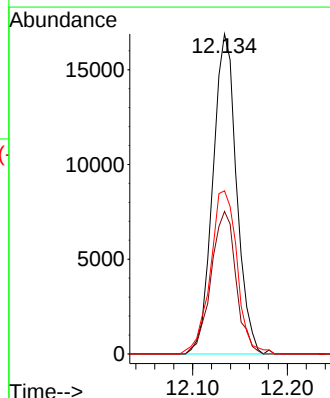
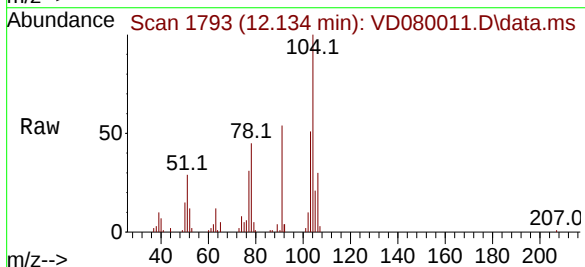
Tgt Ion:104 Resp: 29383

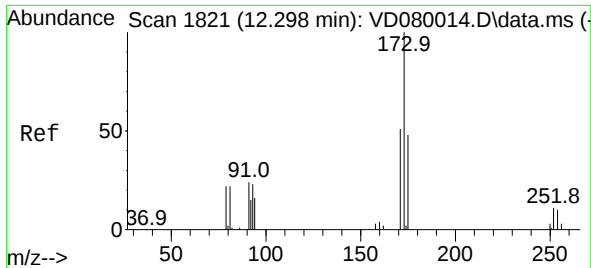
Ion Ratio Lower Upper

104 100

78 46.9 39.8 59.6

103 57.5 45.4 68.0

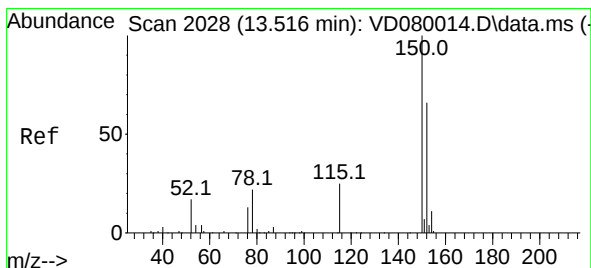
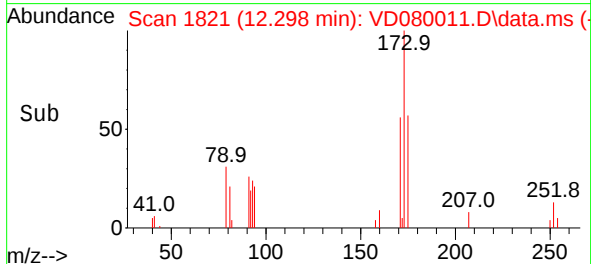
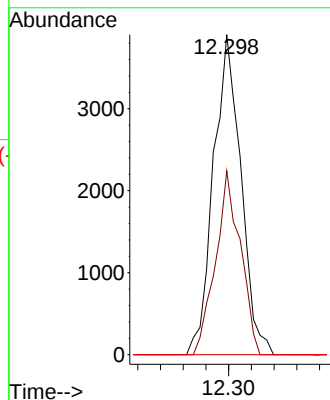
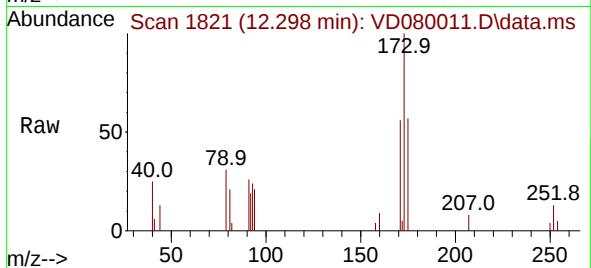




#71  
Bromoform  
Concen: 5.565 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

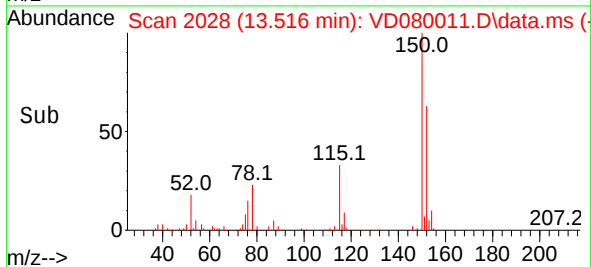
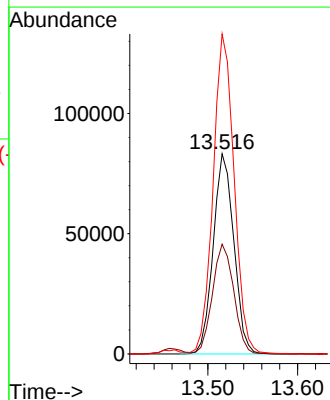
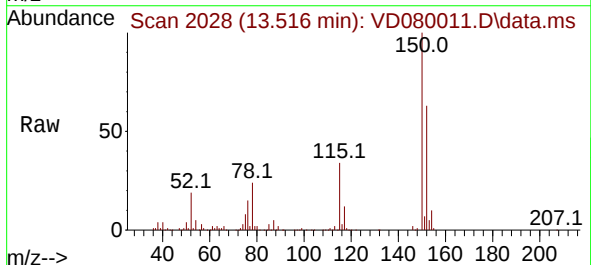
Instrument :  
MSVOA\_D  
ClientSampleId :

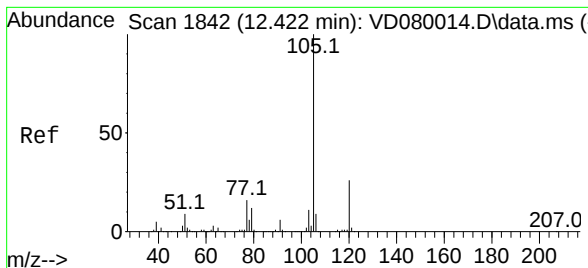
Tgt Ion:173 Resp: 6557  
Ion Ratio Lower Upper  
173 100  
175 52.0 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion:152 Resp: 132946  
Ion Ratio Lower Upper  
152 100  
115 56.7 28.7 86.3  
150 162.6 0.0 353.8





#73

Isopropylbenzene

Concen: 5.017 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

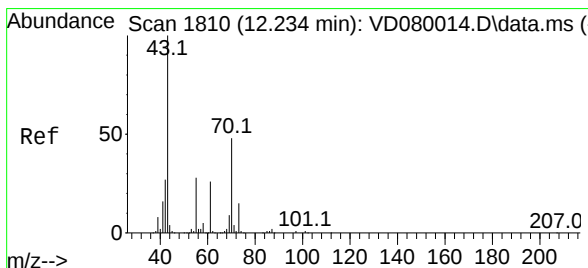
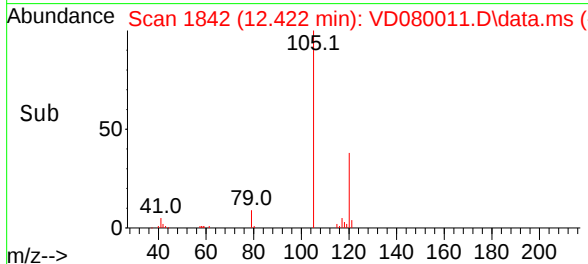
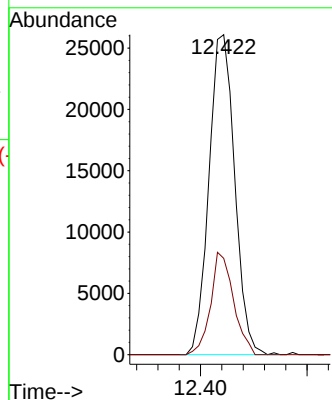
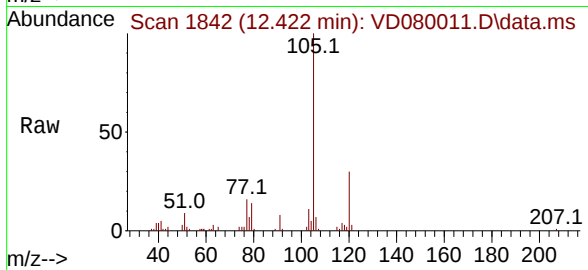
ClientSampleId :

Tgt Ion:105 Resp: 43814

Ion Ratio Lower Upper

105 100

120 28.4 13.2 39.6



#74

N-ethyl acetate

Concen: 5.280 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Tgt Ion: 43 Resp: 9843

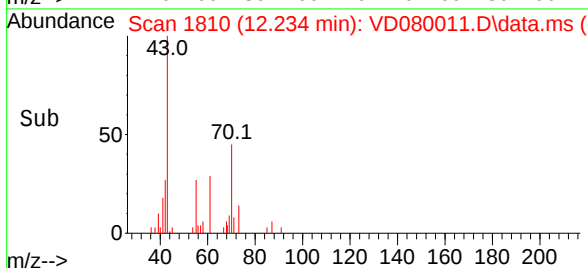
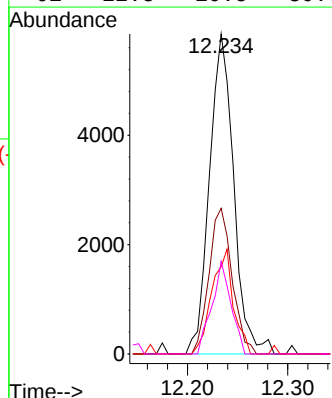
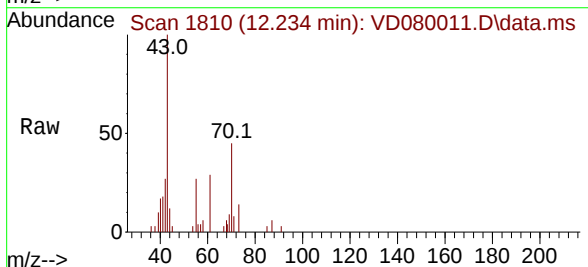
Ion Ratio Lower Upper

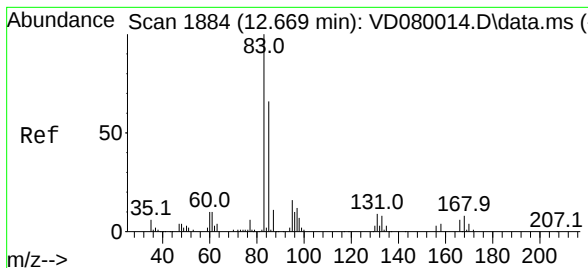
43 100

70 43.4 37.4 56.0

55 29.1 21.8 32.8

61 22.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 6.007 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

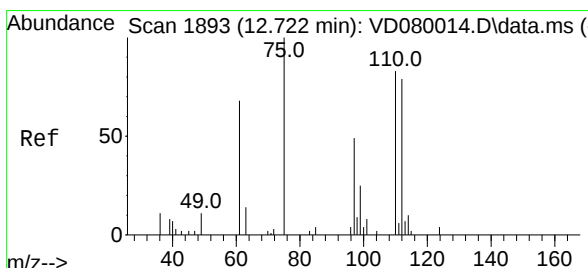
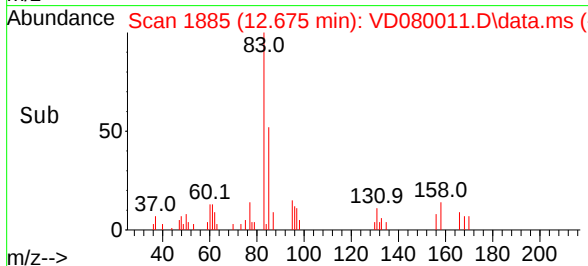
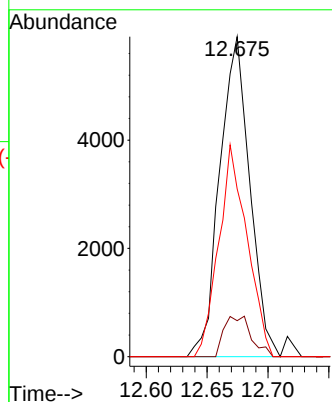
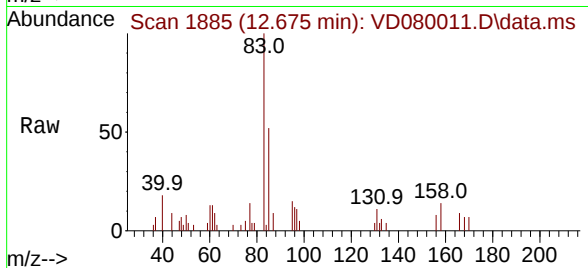
Tgt Ion: 83 Resp: 10144

Ion Ratio Lower Upper

83 100

131 11.5 5.0 15.0

85 62.7 31.2 93.6



#76

1,2,3-Trichloropropane

Concen: 10.539 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD080011.D

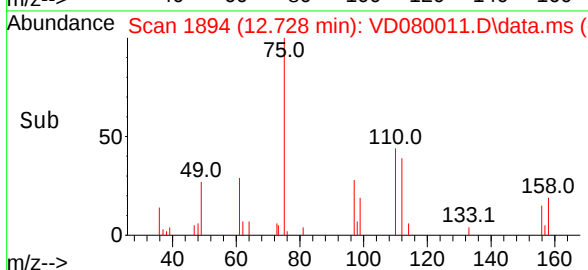
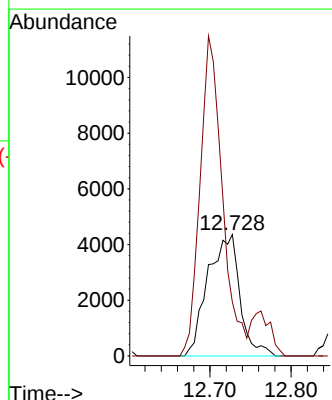
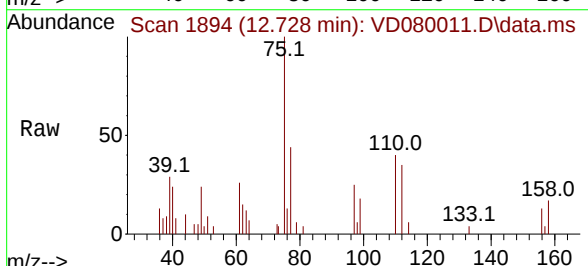
Acq: 14 Nov 2024 18:02

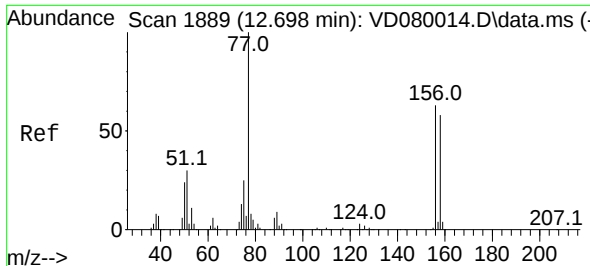
Tgt Ion: 75 Resp: 11947

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

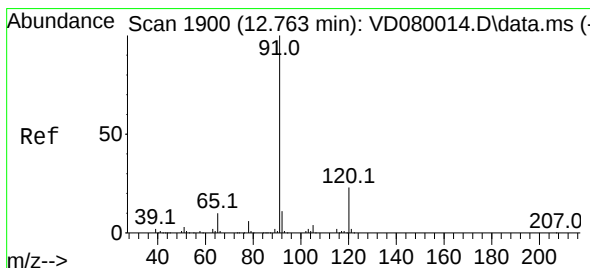
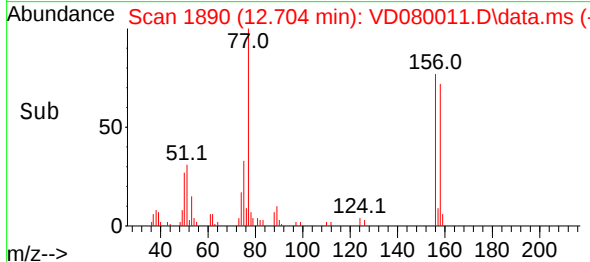
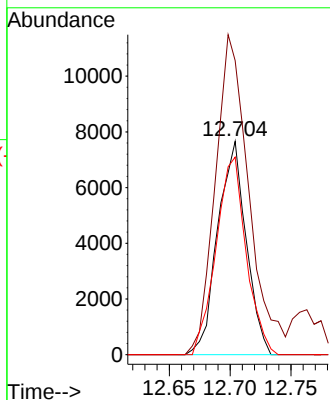
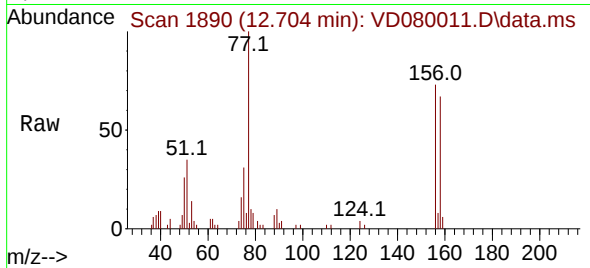




#77  
Bromobenzene  
Concen: 5.427 ug/l  
RT: 12.704 min Scan# 1889  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

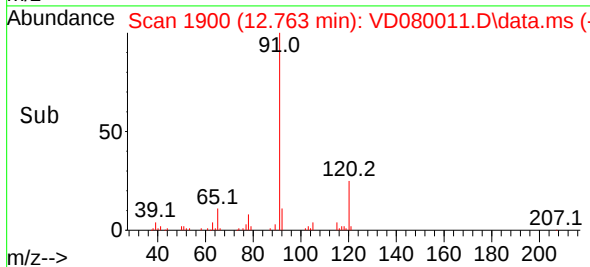
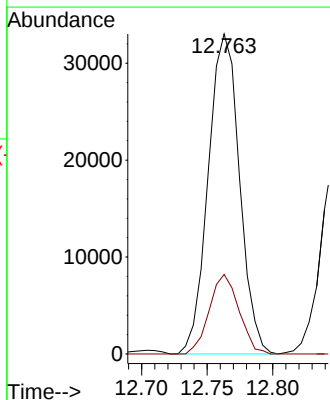
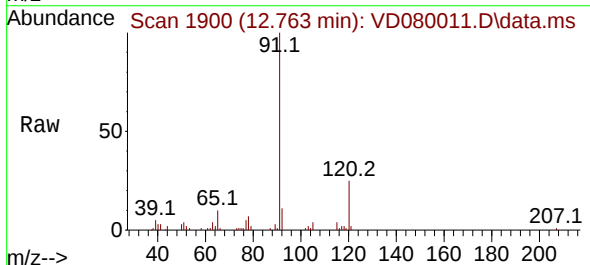
Instrument :  
MSVOA\_D  
ClientSampleId :

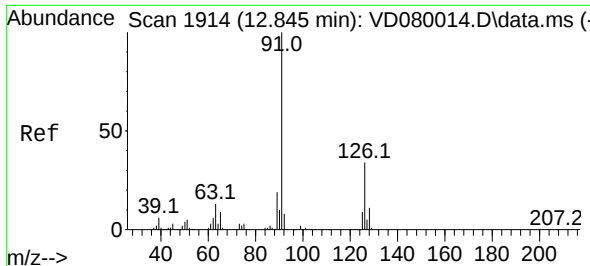
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 176.2 | 84.9  | 254.6 |
| 158     | 98.2  | 47.8  | 143.3 |



#78  
n-propylbenzene  
Concen: 5.068 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.5  | 11.4  | 34.1  |





#79

2-Chlorotoluene

Concen: 5.294 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

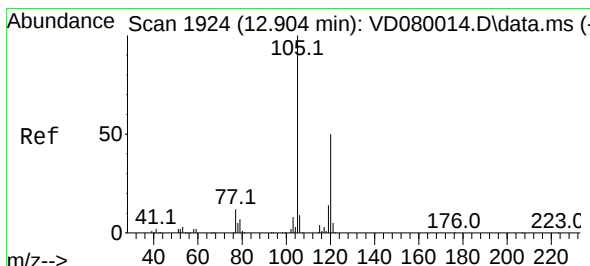
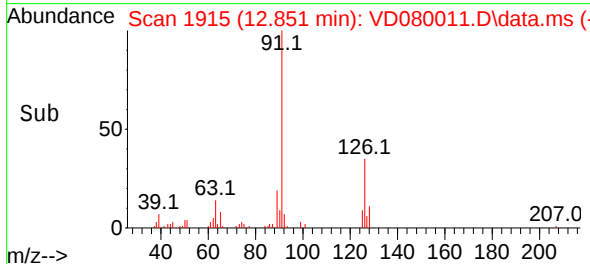
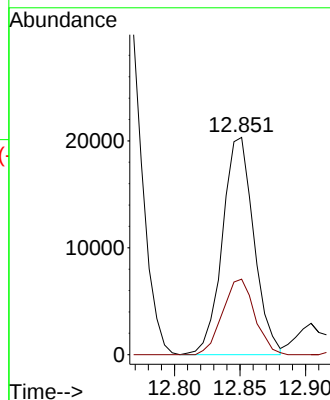
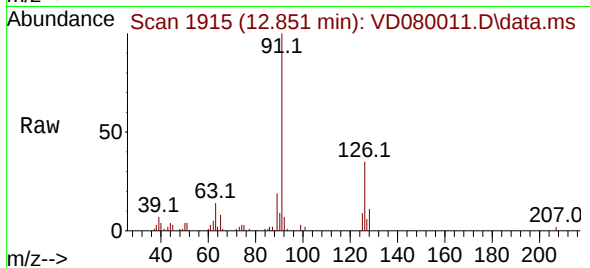
ClientSampleId :

Tgt Ion: 91 Resp: 34007

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 4.820 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD080011.D

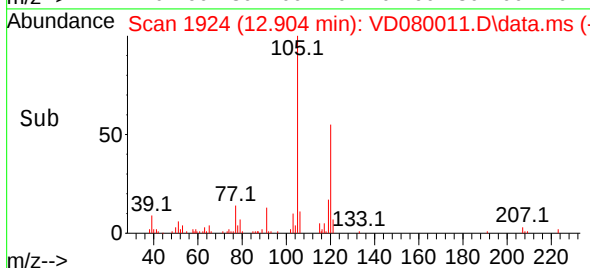
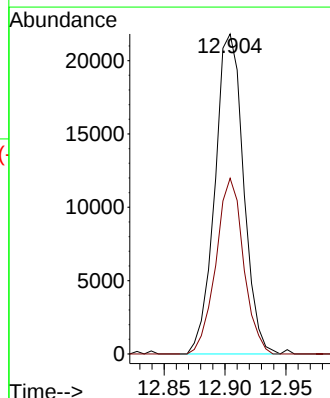
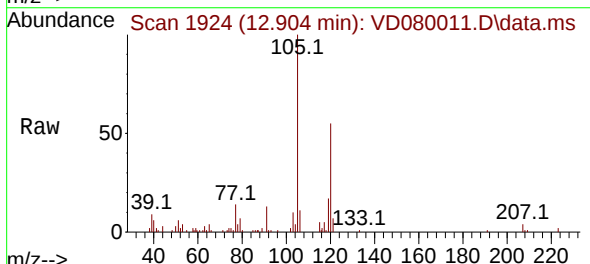
Acq: 14 Nov 2024 18:02

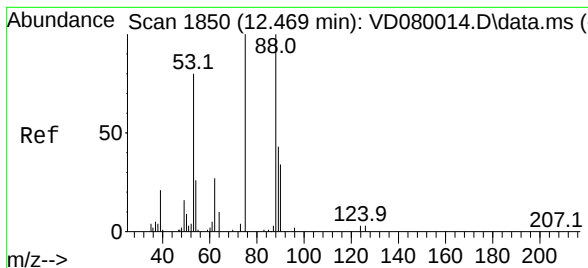
Tgt Ion:105 Resp: 35608

Ion Ratio Lower Upper

105 100

120 53.1 24.6 74.0

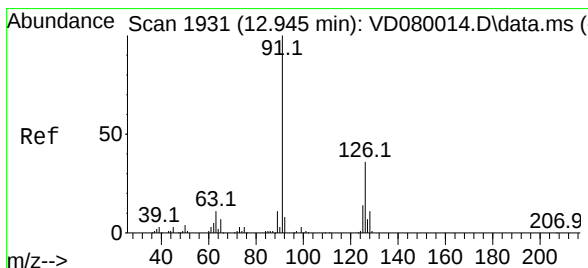
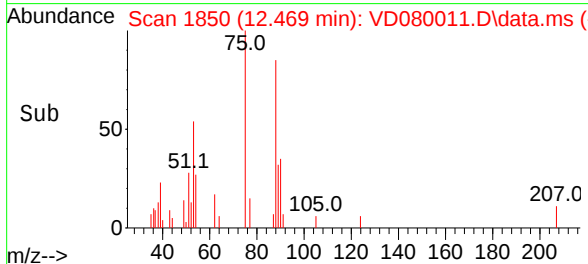
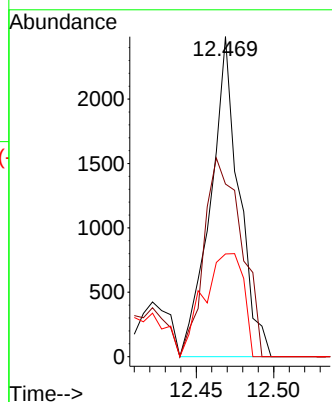
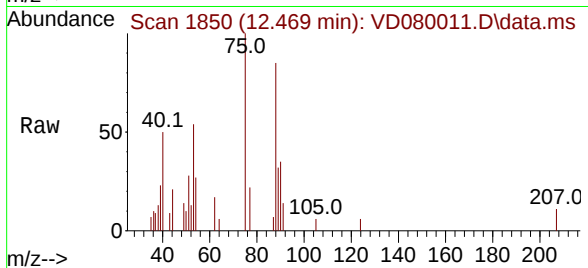




#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.427 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

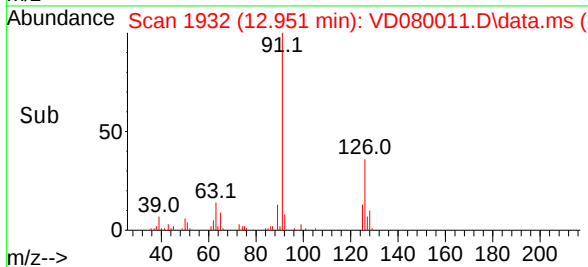
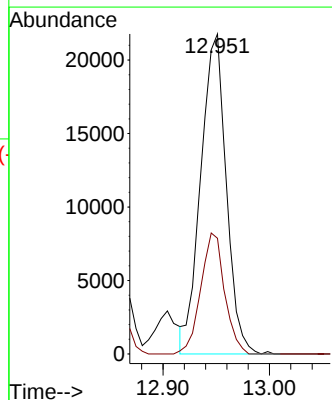
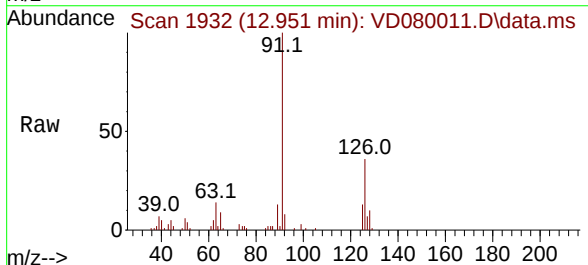
Instrument :  
MSVOA\_D  
ClientSampleId :

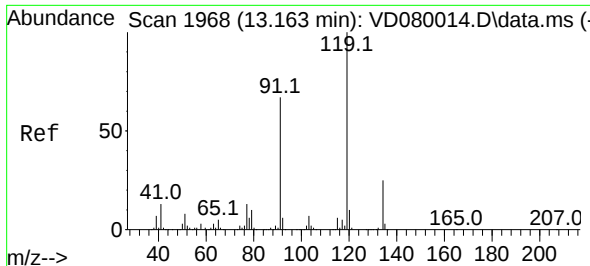
Tgt Ion: 75 Resp: 3181  
Ion Ratio Lower Upper  
75 100  
53 81.2 66.7 100.1  
89 44.8 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 5.311 ug/l  
RT: 12.951 min Scan# 1932  
Delta R.T. 0.006 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 91 Resp: 36227  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.1 51.3





#83

tert-Butylbenzene

Concen: 5.063 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

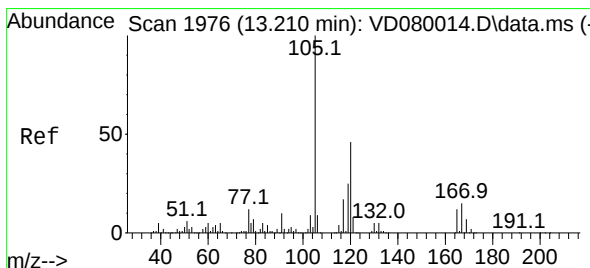
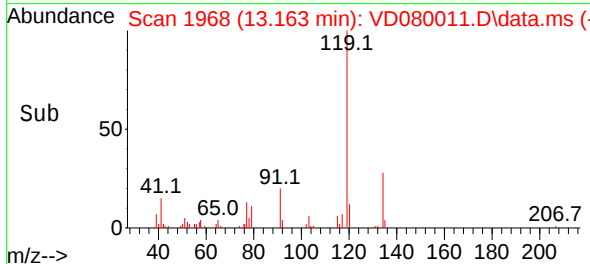
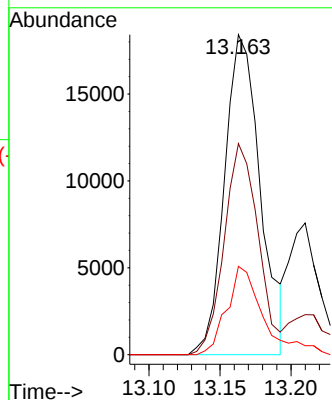
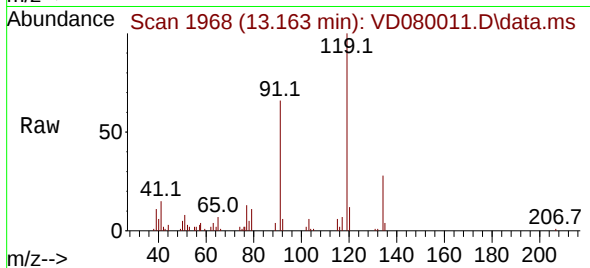
Tgt Ion:119 Resp: 32276

Ion Ratio Lower Upper

119 100

91 63.0 31.4 94.3

134 28.2 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 4.732 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD080011.D

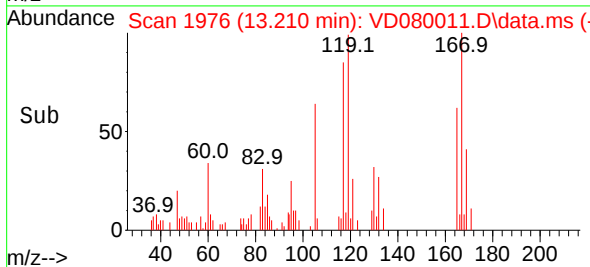
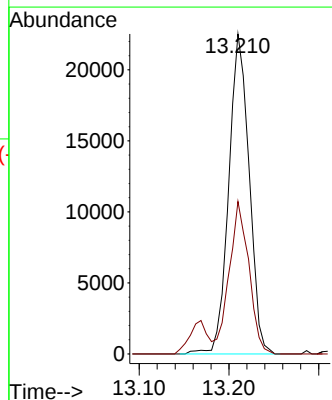
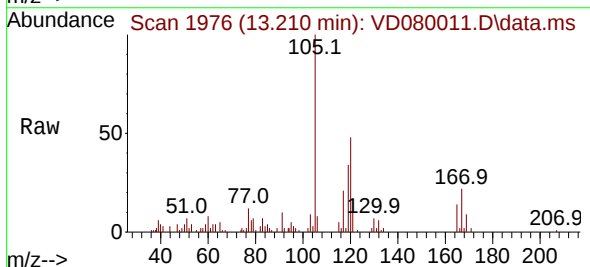
Acq: 14 Nov 2024 18:02

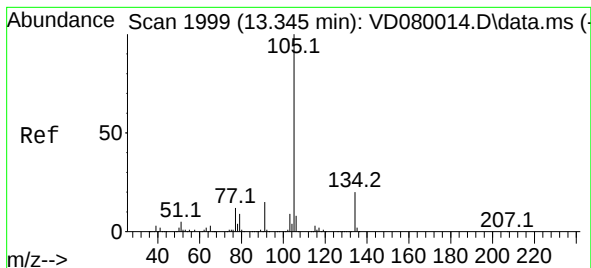
Tgt Ion:105 Resp: 35538

Ion Ratio Lower Upper

105 100

120 46.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 4.942 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

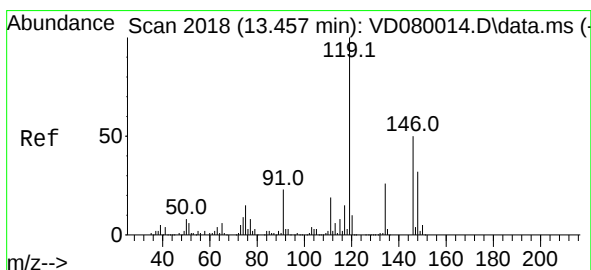
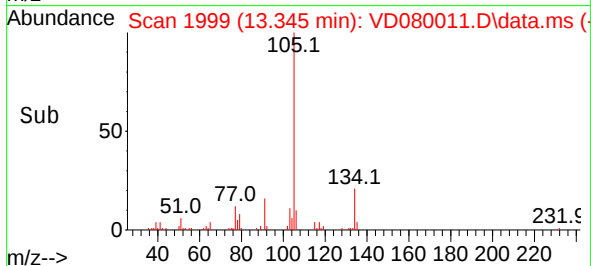
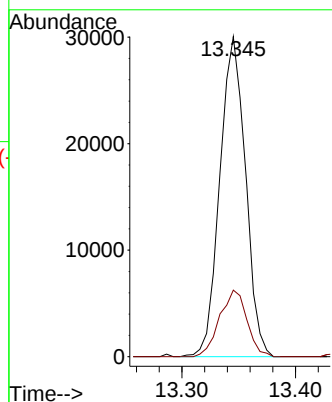
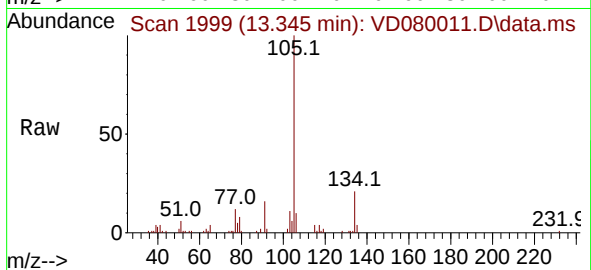
ClientSampleId :

Tgt Ion:105 Resp: 47185

Ion Ratio Lower Upper

105 100

134 22.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 4.919 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

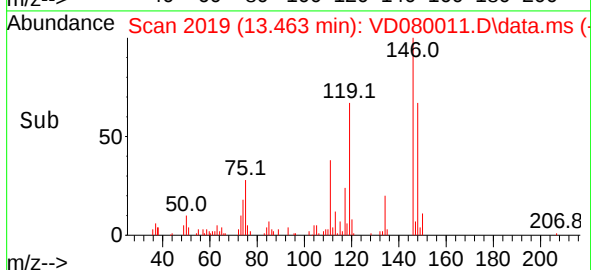
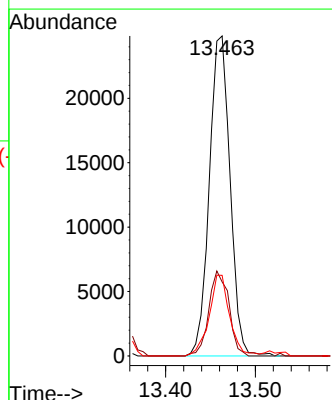
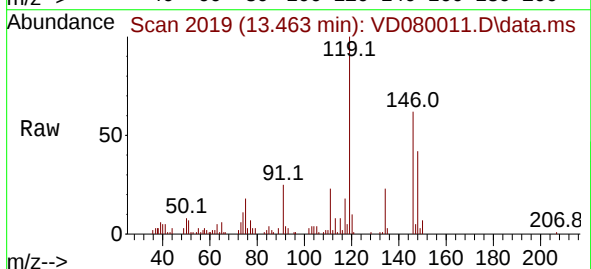
Tgt Ion:119 Resp: 39845

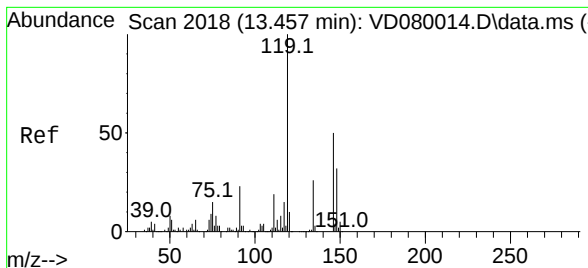
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 25.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 5.746 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

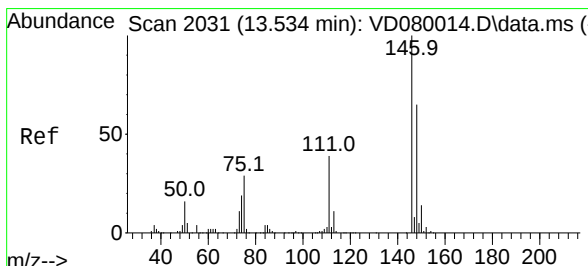
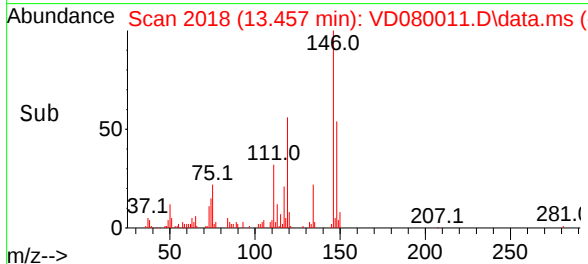
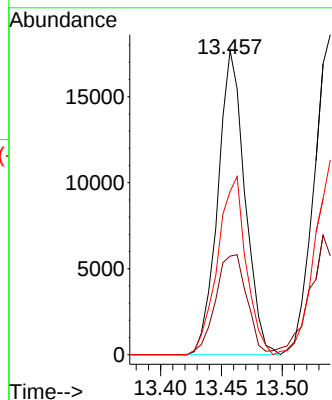
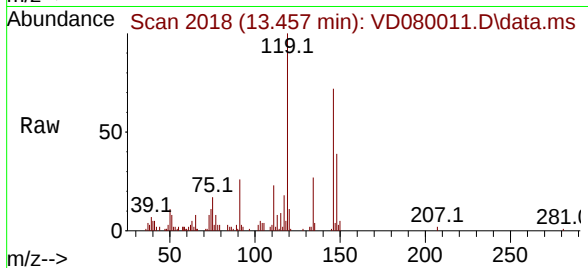
Tgt Ion:146 Resp: 27342

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

148 61.6 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 6.269 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

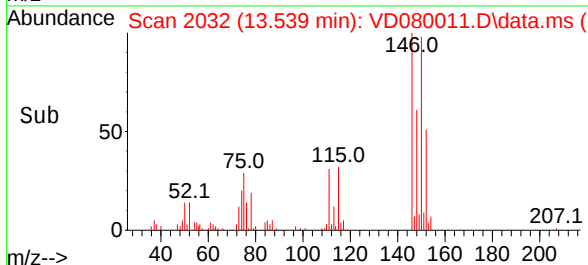
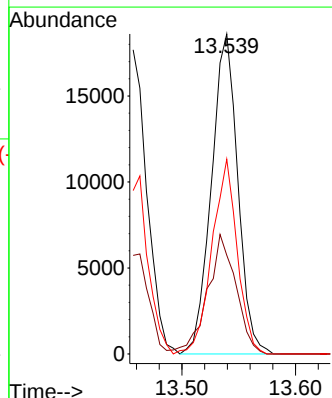
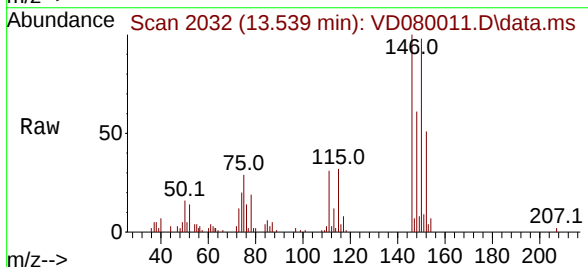
Tgt Ion:146 Resp: 30031

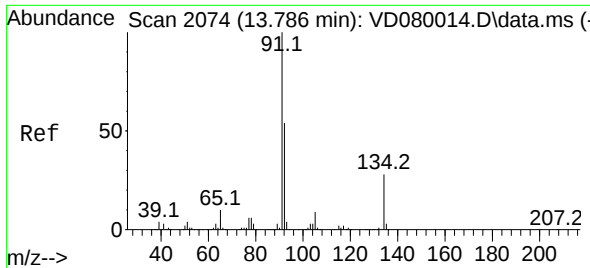
Ion Ratio Lower Upper

146 100

111 40.2 19.0 57.0

148 58.3 32.1 96.5

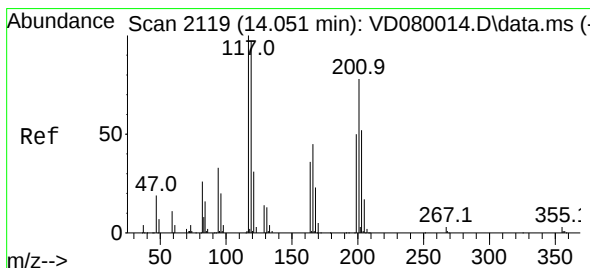
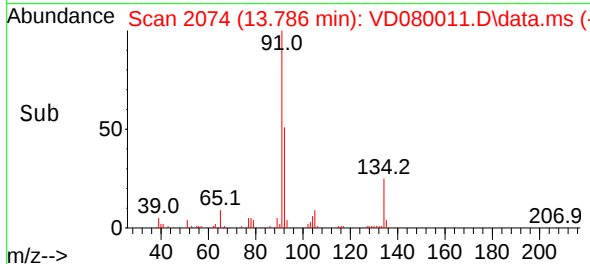
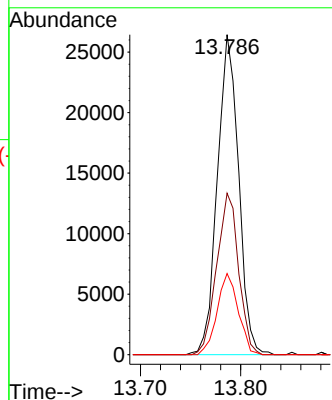
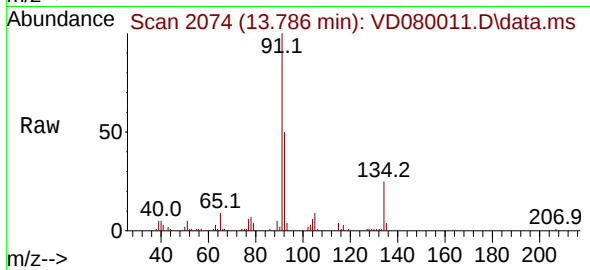




#89  
n-Butylbenzene  
Concen: 5.165 ug/l  
RT: 13.786 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

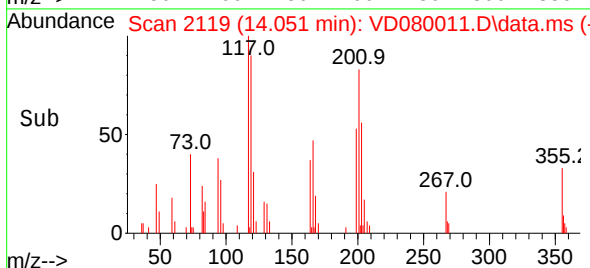
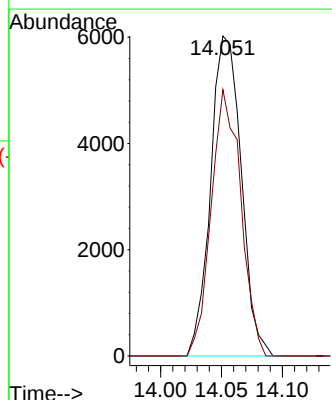
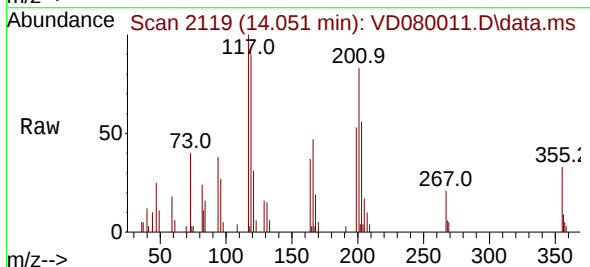
Instrument :  
MSVOA\_D  
ClientSampleId :

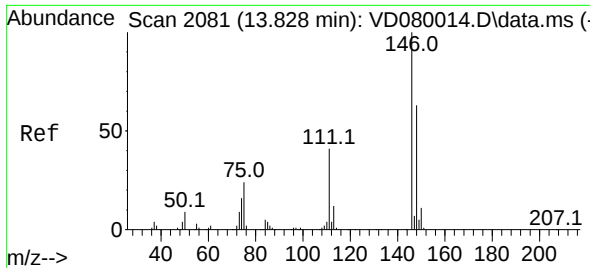
Tgt Ion: 91 Resp: 38898  
Ion Ratio Lower Upper  
91 100  
92 51.9 26.9 80.6  
134 25.3 13.6 40.7



#90  
Hexachloroethane  
Concen: 5.962 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

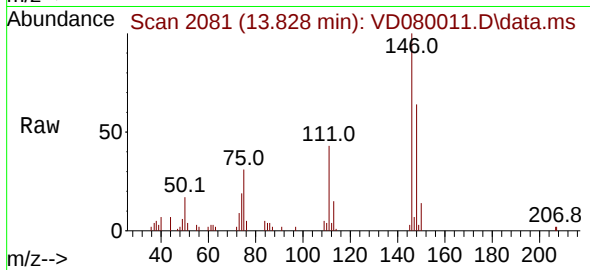
Tgt Ion: 117 Resp: 10531  
Ion Ratio Lower Upper  
117 100  
201 80.2 40.5 121.5



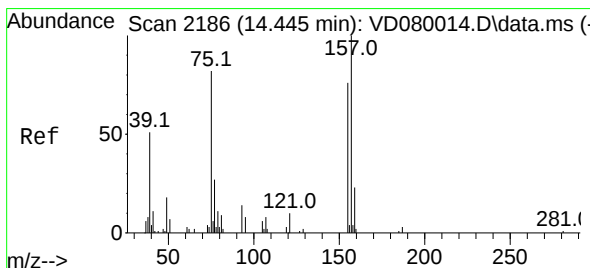
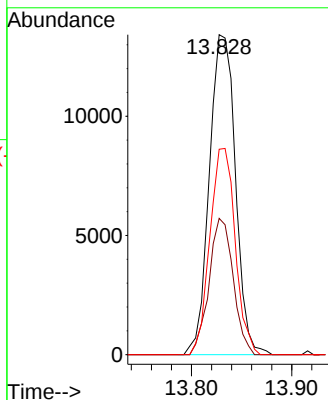
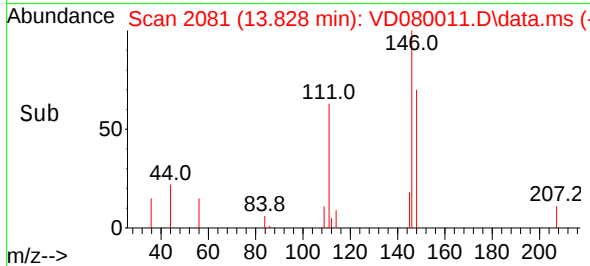


#91  
1,2-Dichlorobenzene  
Concen: 5.836 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Instrument :  
MSVOA\_D  
ClientSampleId :

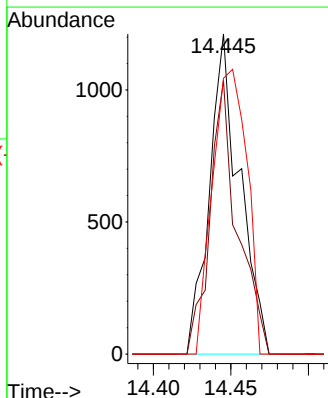
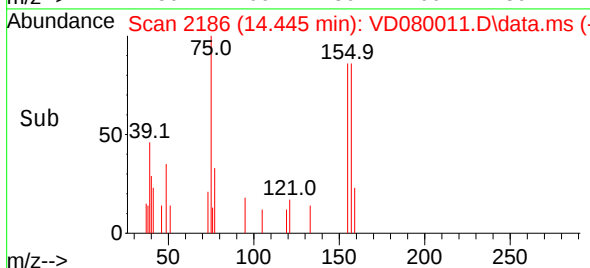
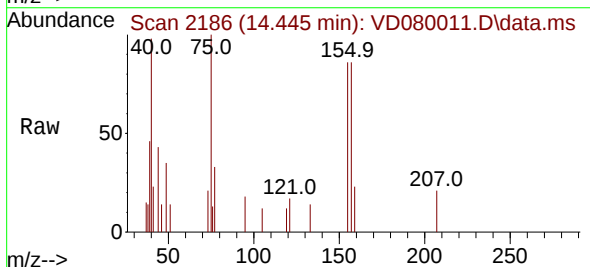


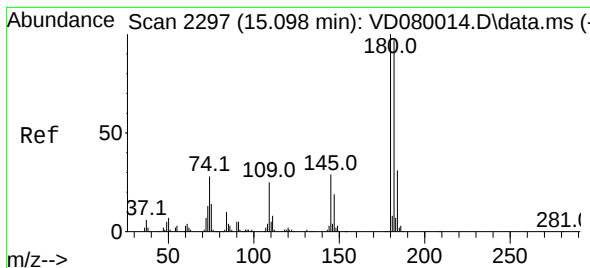
Tgt Ion:146 Resp: 24275  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.0 59.9  
148 62.6 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 6.373 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VD080011.D  
Acq: 14 Nov 2024 18:02

Tgt Ion: 75 Resp: 1643  
Ion Ratio Lower Upper  
75 100  
155 77.9 45.6 136.8  
157 101.5 59.4 178.1





#93

1,2,4-Trichlorobenzene

Concen: 5.463 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

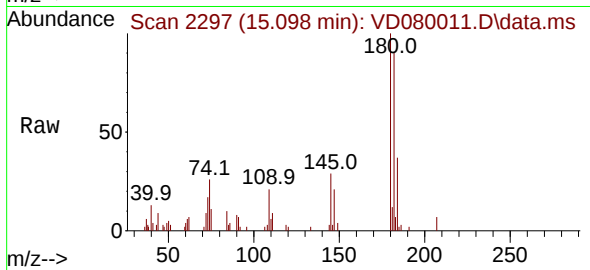
Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

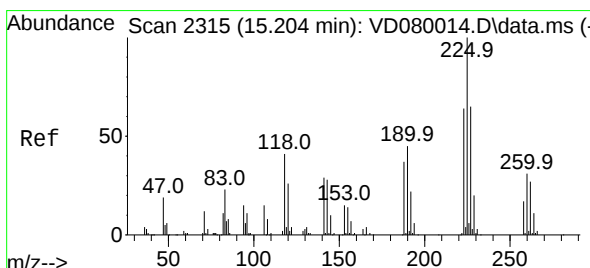
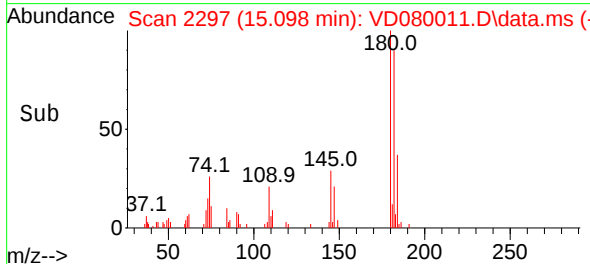
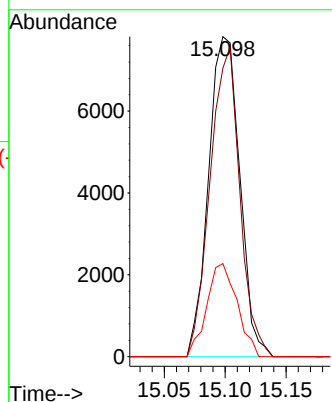
Instrument :

MSVOA\_D

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 13931 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.9  | 46.9  | 140.6 |
| 145       | 28.2  | 14.4  | 43.4  |



#94

Hexachlorobutadiene

Concen: 5.814 ug/l

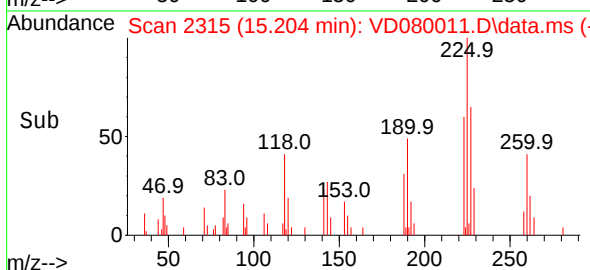
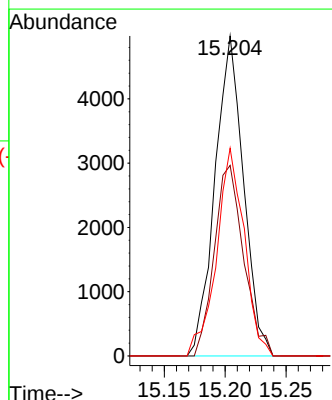
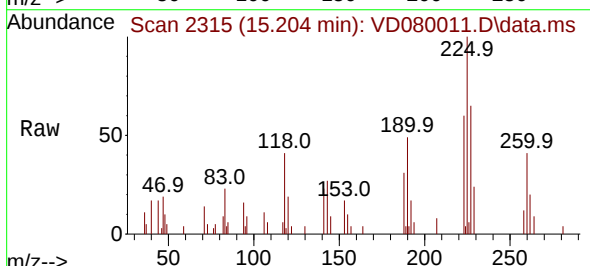
RT: 15.204 min Scan# 2315

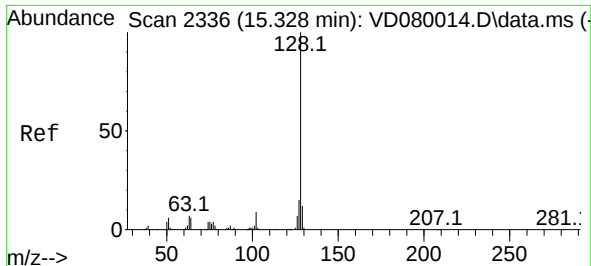
Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 8135 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 61.3  | 32.0  | 96.2 |
| 227       | 62.9  | 32.2  | 96.6 |





#95

Naphthalene

Concen: 5.025 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Instrument :

MSVOA\_D

ClientSampleId :

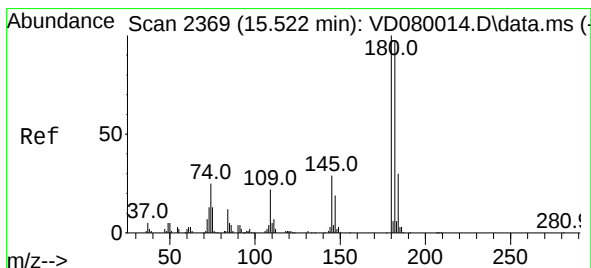
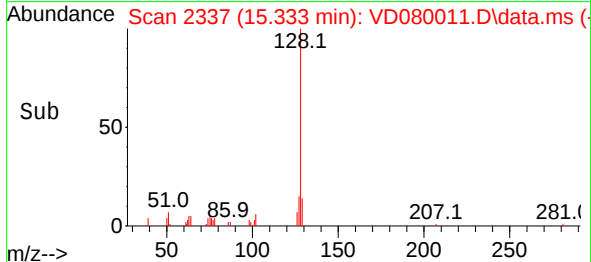
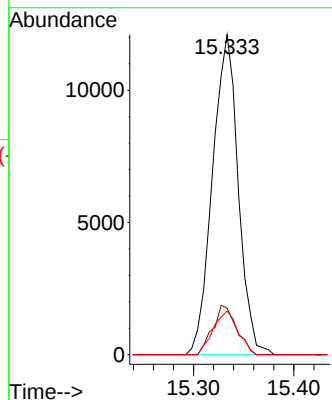
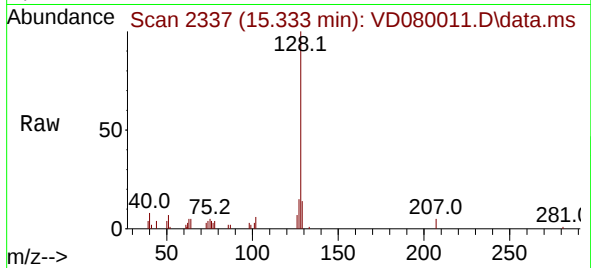
Tgt Ion:128 Resp: 21571

Ion Ratio Lower Upper

128 100

127 14.6 11.8 17.6

129 13.6 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 5.393 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD080011.D

Acq: 14 Nov 2024 18:02

Tgt Ion:180 Resp: 11960

Ion Ratio Lower Upper

180 100

182 91.4 47.3 142.0

145 30.6 15.4 46.2

