

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021122\  
 Data File : VD071931.D  
 Acq On : 11 Feb 2022 11:09  
 Operator : VA/SY  
 Sample : VD0211SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 11 23:55:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 27 06:04:38 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 347798   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 583139   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.637 | 117  | 543331   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 263550   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 237455   | 54.016   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 108.040% |      |
| 35) Dibromofluoromethane    | 7.914  | 113   | 213664   | 55.741   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 111.480% |      |
| 50) Toluene-d8              | 10.337 | 98    | 762986   | 53.298   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 106.600% |      |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 271262   | 54.262   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 108.520% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 86855  | 21.059  | ug/l   | 99  |
| 3) Chloromethane             | 2.214 | 50  | 87084  | 17.636  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.356 | 62  | 96574  | 18.681  | ug/l   | 99  |
| 5) Bromomethane              | 2.761 | 94  | 64725  | 18.976  | ug/l   | 88  |
| 6) Chloroethane              | 2.920 | 64  | 61474  | 18.764  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 143234 | 19.333  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.714 | 74  | 37340  | 19.101  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.102 | 101 | 85883  | 20.548  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.302 | 142 | 75599  | 17.643  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.220 | 59  | 23328  | 56.996  | ug/l   | 95  |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 72908  | 19.081  | ug/l   | 96  |
| 13) Acrolein                 | 3.920 | 56  | 52265  | 133.858 | ug/l   | 96  |
| 14) Allyl chloride           | 4.720 | 41  | 142423 | 19.554  | ug/l   | 100 |
| 15) Acrylonitrile            | 5.420 | 53  | 107493 | 108.193 | ug/l   | 98  |
| 16) Acetone                  | 4.155 | 43  | 105908 | 88.010  | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.420 | 76  | 198371 | 14.889  | ug/l   | 96  |
| 18) Methyl Acetate           | 4.708 | 43  | 58021  | 22.301  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 191414 | 20.940  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.967 | 84  | 88757  | 17.799  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 83569  | 18.787  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.367 | 45  | 306452 | 21.467  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.308 | 43  | 812205 | 103.137 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.261 | 63  | 175418 | 21.083  | ug/l   | 97  |
| 25) 2-Butanone               | 7.208 | 43  | 141004 | 100.513 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 142765 | 20.734  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.208 | 96  | 96800  | 20.261  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.543 | 49  | 54265  | 17.291  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.555 | 42  | 89514  | 107.842 | ug/l   | 97  |
| 30) Chloroform               | 7.708 | 83  | 175150 | 20.605  | ug/l   | 97  |
| 31) Cyclohexane              | 7.985 | 56  | 146884 | 17.502  | ug/l # | 91  |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 152198 | 20.299  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 128624 | 19.551  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.291 | 43  | 65465  | 21.402  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.096 | 117 | 130594 | 20.072  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.355 | 83  | 139040 | 18.239  | ug/l   | 94  |
| 40) Benzene                  | 8.349 | 78  | 358332 | 20.177  | ug/l   | 99  |

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 Data File : VD071931.D  
 Acq On : 11 Feb 2022 11:09  
 Operator : VA/SY  
 Sample : VD0211SBSD01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 11 23:55:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 27 06:04:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 40402    | 23.348  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 116470   | 20.769  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.449  | 43   | 122512   | 22.285  | ug/l   | 98       |
| 44) Trichloroethene           | 9.108  | 130  | 95318    | 20.787  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 96918    | 21.165  | ug/l   | 91       |
| 46) Dibromomethane            | 9.473  | 93   | 51749    | 21.583  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.661  | 83   | 136721   | 21.561  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.455  | 41   | 53062    | 18.238  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 10564    | 386.013 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 315557   | 109.686 | ug/l   | 99       |
| 52) Toluene                   | 10.396 | 92   | 223501   | 20.239  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 121880   | 20.927  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 141306   | 20.699  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.790 | 97   | 69021    | 21.690  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 84266    | 21.388  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.937 | 76   | 122395   | 21.545  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.937  | 63   | 204150   | 110.072 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.979 | 43   | 217232   | 104.034 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.132 | 129  | 88751    | 22.586  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 65463    | 21.352  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 75206    | 19.568  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.667 | 112  | 238106   | 20.715  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.737 | 131  | 89556    | 21.416  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.737 | 91   | 426052   | 20.144  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.843 | 106  | 323383   | 40.197  | ug/l   | 97       |
| 69) o-Xylene                  | 12.173 | 106  | 151998   | 20.791  | ug/l   | 99       |
| 70) Styrene                   | 12.190 | 104  | 264862   | 21.018  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 48813    | 21.863  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 407823   | 19.984  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 105177   | 20.957  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 83045    | 21.989  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 105696   | 38.055  | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 93185    | 20.527  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 523154   | 20.444  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 293802   | 20.260  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 360028   | 21.269  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 23960    | 21.211  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 303361   | 20.107  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 289105   | 20.608  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 351823   | 21.129  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 459064   | 20.914  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 367247   | 20.589  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 189669   | 20.575  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.584 | 146  | 189887   | 20.640  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.831 | 91   | 364643   | 20.836  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.102 | 117  | 75964    | 21.425  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.878 | 146  | 165894   | 21.029  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 13803    | 22.069  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 95200    | 20.658  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 53175    | 21.162  | ug/l   | 96       |
| 95) Naphthalene               | 15.384 | 128  | 173256   | 19.828  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.578 | 180  | 84202    | 21.317  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021122\  
Data File : VD071931.D  
Acq On : 11 Feb 2022 11:09  
Operator : VA/SY  
Sample : VD0211SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

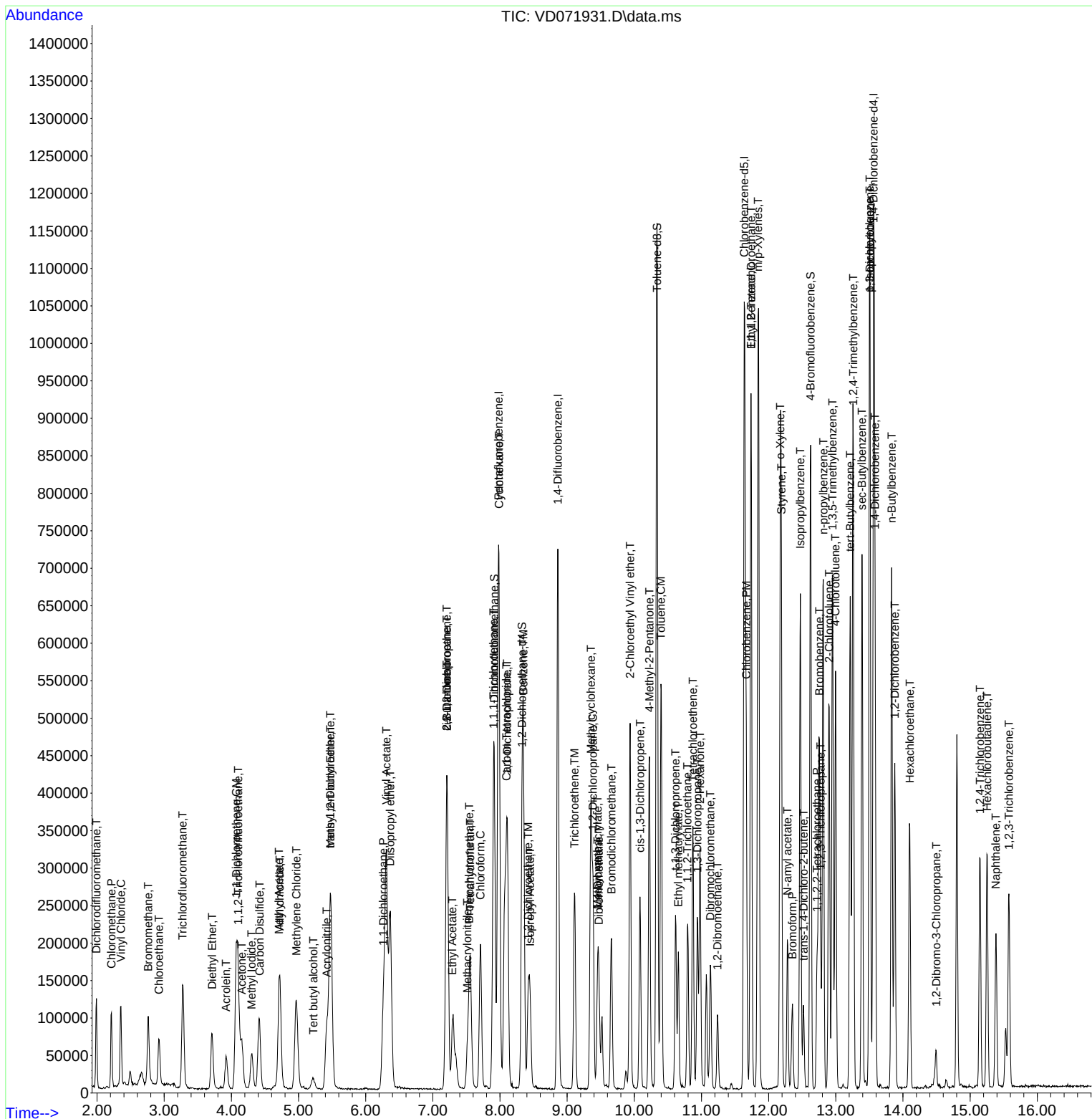
Instrument :  
MSVOA\_D  
ClientSampleId :

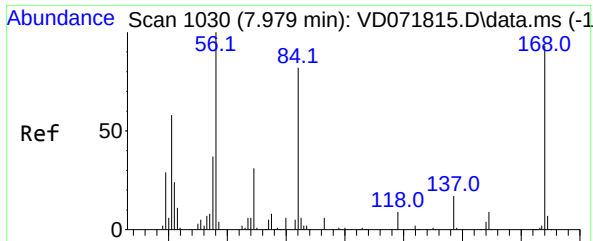
Quant Time: Feb 11 23:55:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 27 06:04:38 2022  
Response via : Initial Calibration

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

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

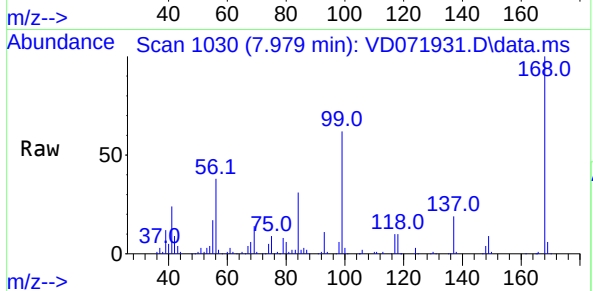
Quant Time: Feb 11 23:55:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 27 06:04:38 2022  
Response via : Initial Calibration



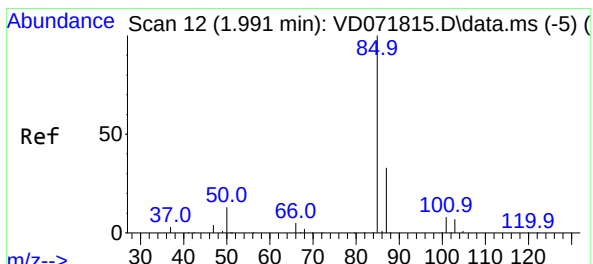
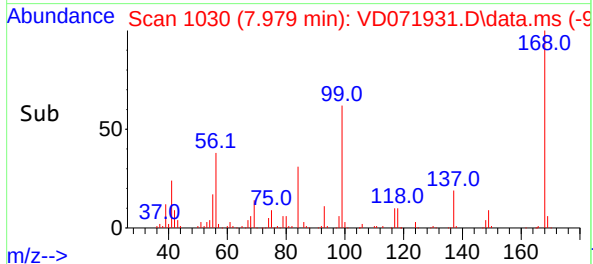
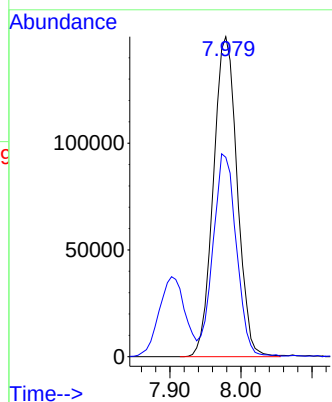


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

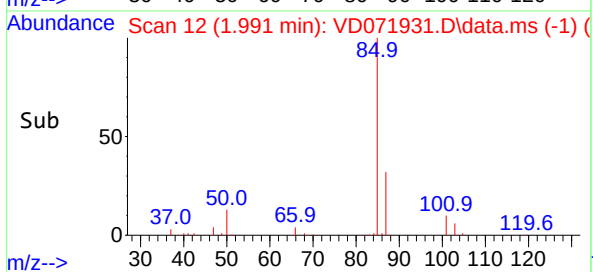
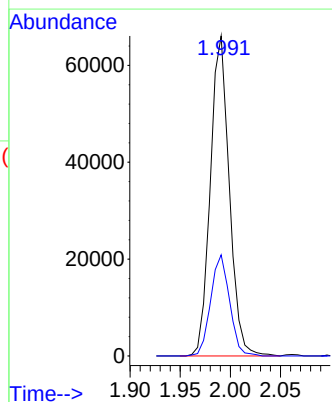
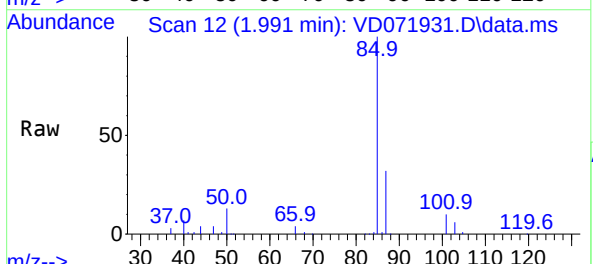


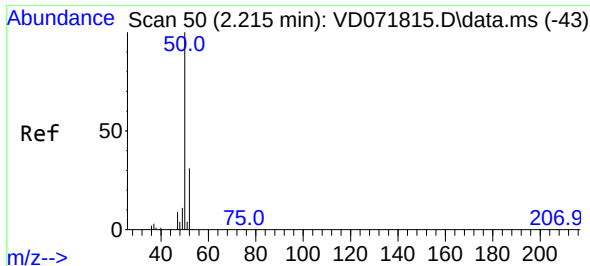
Tgt Ion:168 Resp: 347798  
Ion Ratio Lower Upper  
168 100  
99 62.1 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 21.059 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

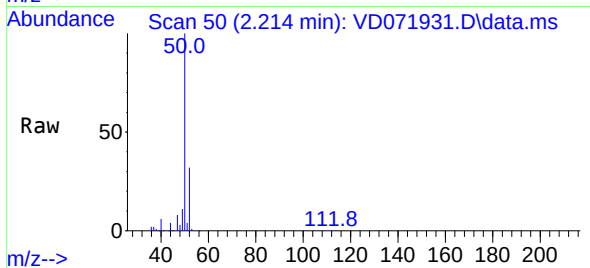
Tgt Ion: 85 Resp: 86855  
Ion Ratio Lower Upper  
85 100  
87 31.6 15.7 47.0



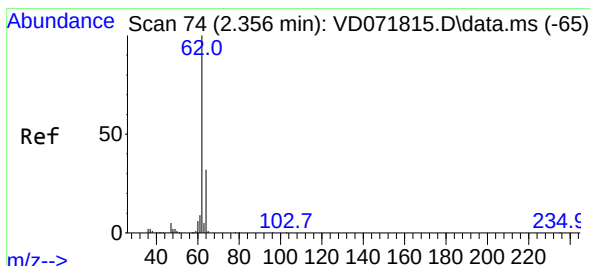
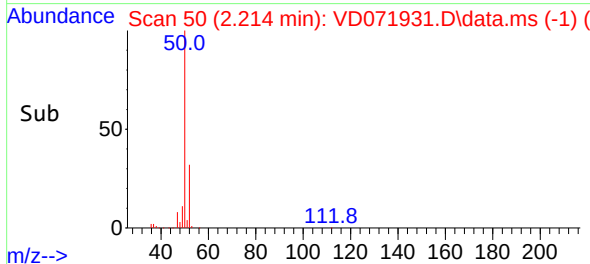
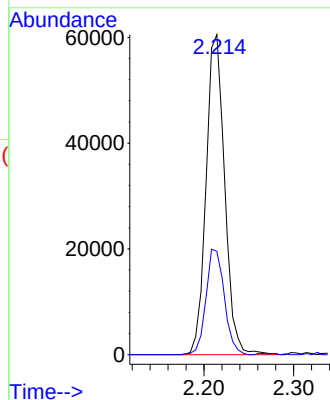


#3  
Chloromethane  
Concen: 17.636 ug/l  
RT: 2.214 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

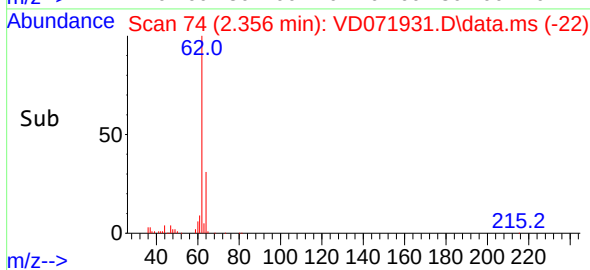
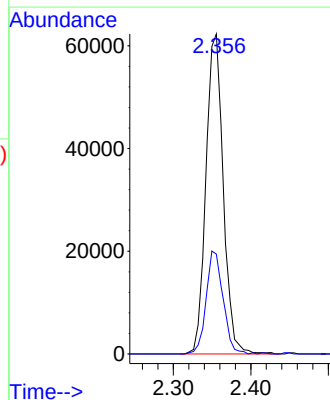
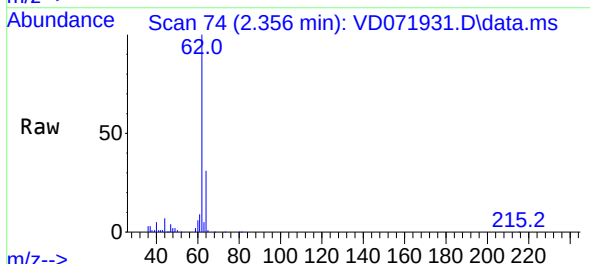


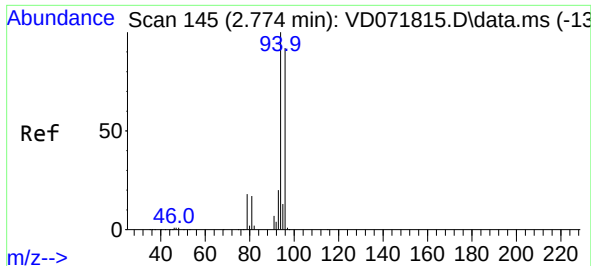
Tgt Ion: 50 Resp: 87084  
Ion Ratio Lower Upper  
50 100  
52 32.3 27.4 41.0



#4  
Vinyl Chloride  
Concen: 18.681 ug/l  
RT: 2.356 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 62 Resp: 96574  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.0

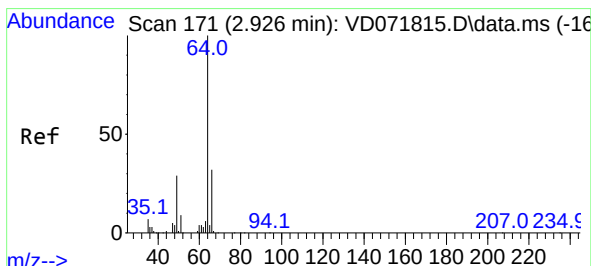
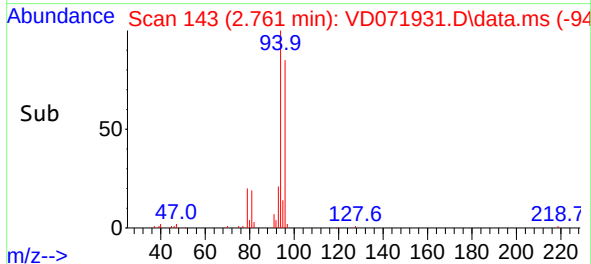
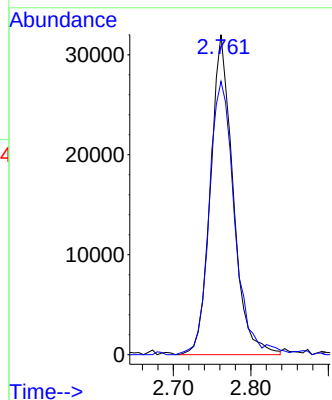
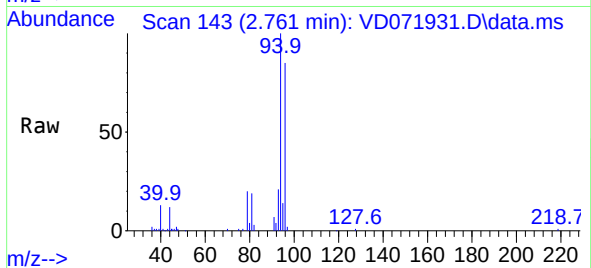




#5  
Bromomethane  
Concen: 18.976 ug/l  
RT: 2.761 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

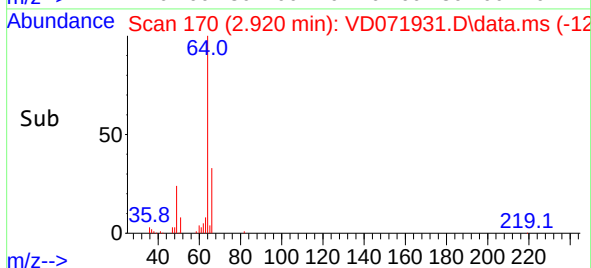
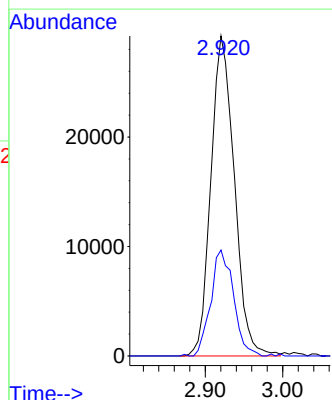
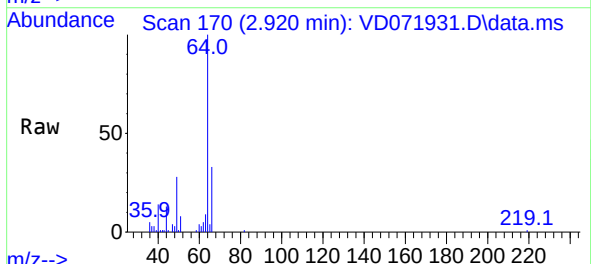
Instrument :  
MSVOA\_D  
ClientSampleId :

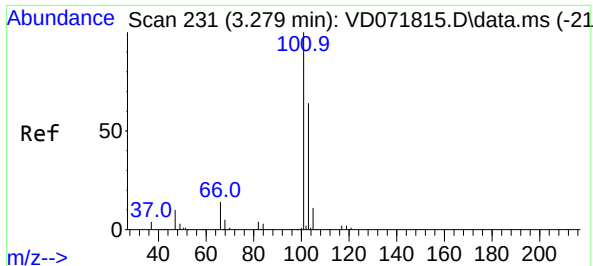
Tgt Ion: 94 Resp: 64725  
Ion Ratio Lower Upper  
94 100  
96 84.9 77.6 116.4



#6  
Chloroethane  
Concen: 18.764 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 64 Resp: 61474  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.9 38.9

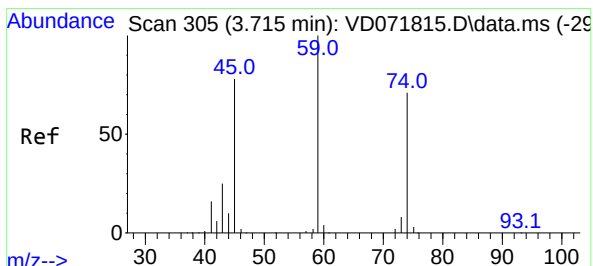
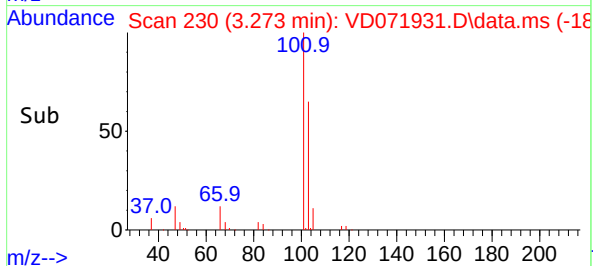
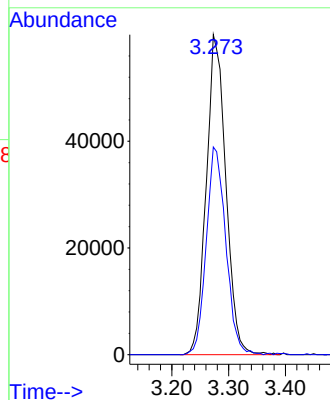
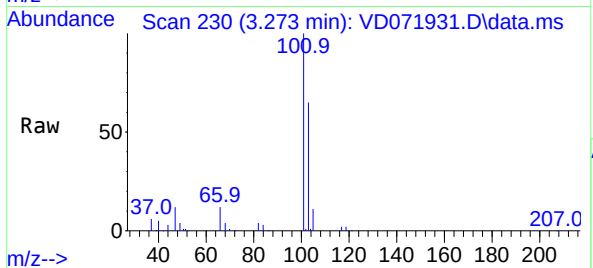




#7  
Trichlorofluoromethane  
Concen: 19.333 ug/l  
RT: 3.273 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

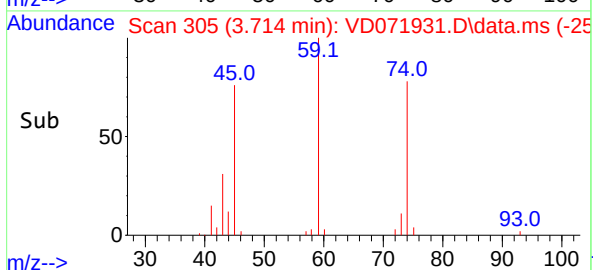
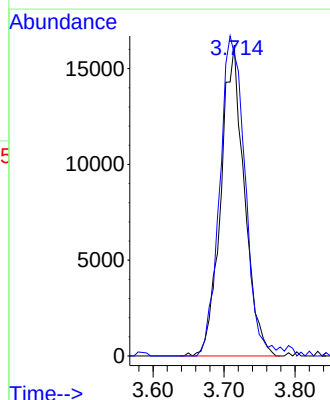
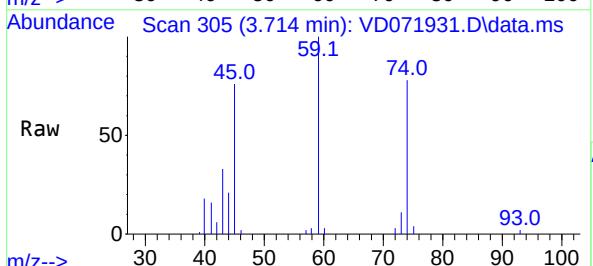
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 143234  
Ion Ratio Lower Upper  
101 100  
103 64.9 50.1 75.1

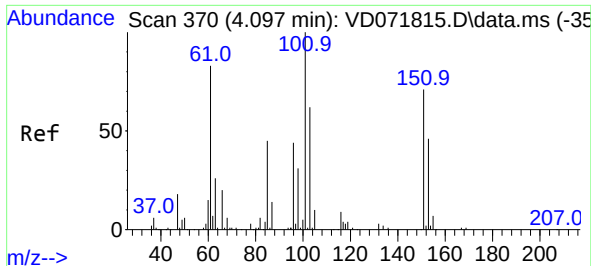


#8  
Diethyl Ether  
Concen: 19.101 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 74 Resp: 37340  
Ion Ratio Lower Upper  
74 100  
45 110.9 52.6 157.8



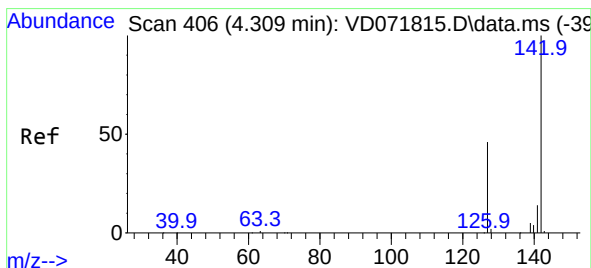
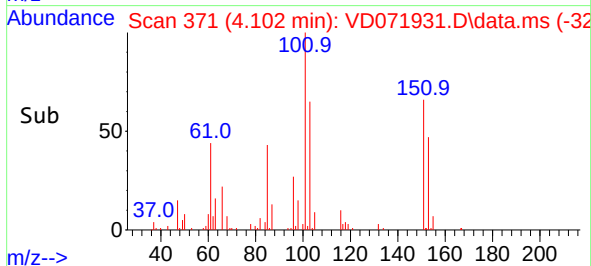
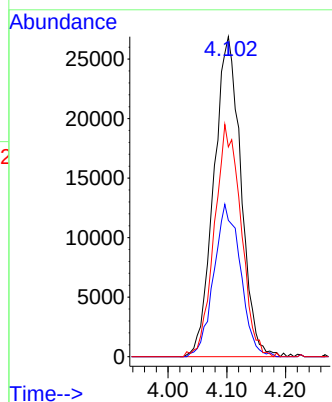
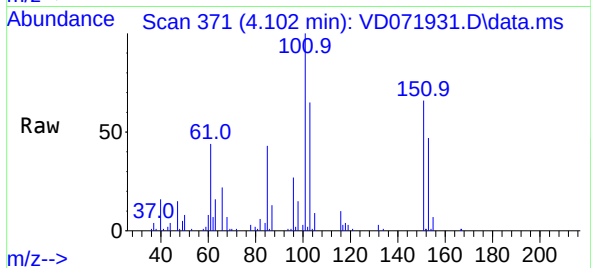




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.548 ug/l  
RT: 4.102 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

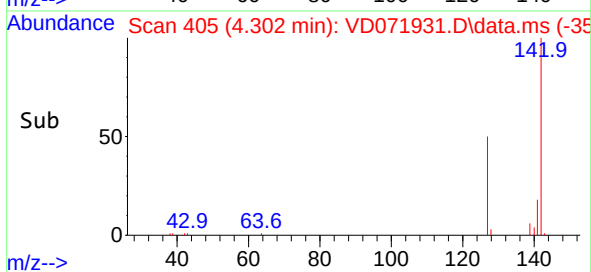
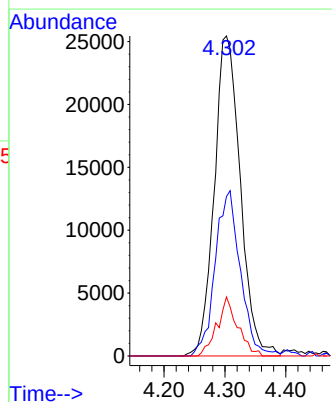
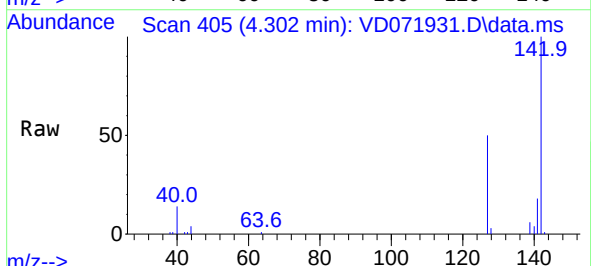
Instrument :  
MSVOA\_D  
ClientSampleId :

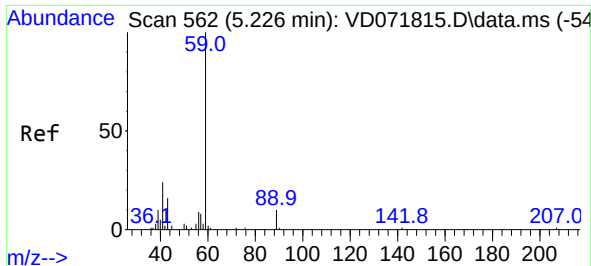
Tgt Ion:101 Resp: 85883  
Ion Ratio Lower Upper  
101 100  
85 46.8 36.4 54.6  
151 71.4 57.3 85.9



#10  
Methyl Iodide  
Concen: 17.643 ug/l  
RT: 4.302 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:142 Resp: 75599  
Ion Ratio Lower Upper  
142 100  
127 50.0 37.3 55.9  
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 56.996 ug/l

RT: 5.220 min Scan# 5

Delta R.T. -0.000 min

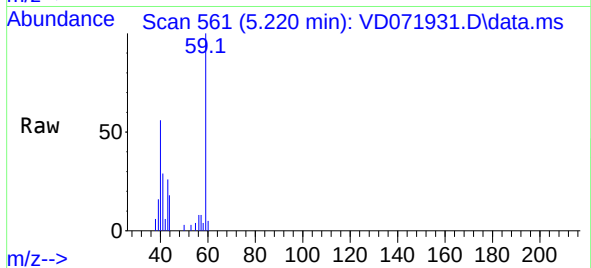
Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

ClientSampleId :

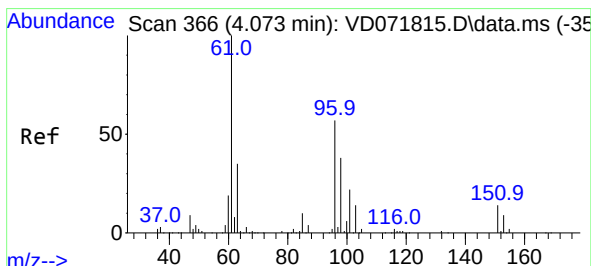
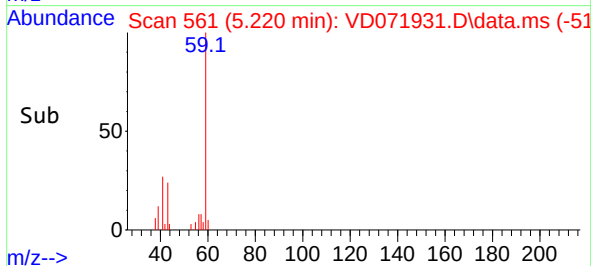
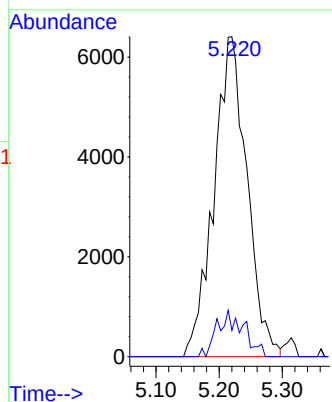


Tgt Ion: 59 Resp: 23328

Ion Ratio Lower Upper

59 100

57 11.5 7.8 11.6



#12

1,1-Dichloroethene

Concen: 19.081 ug/l

RT: 4.073 min Scan# 366

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

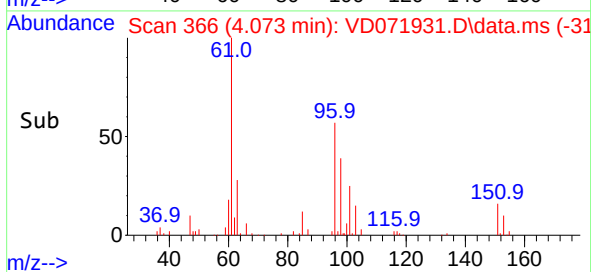
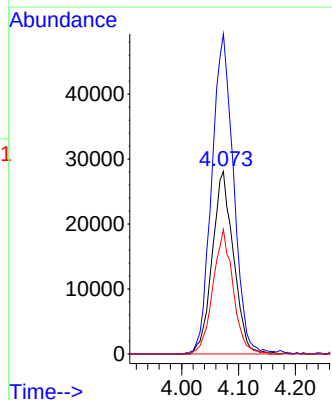
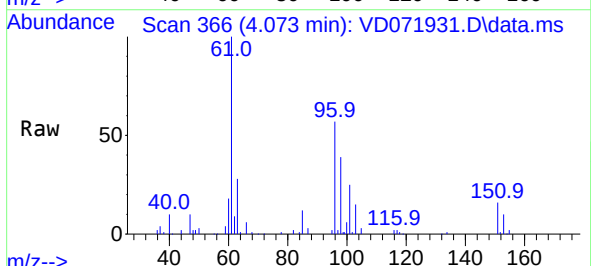
Tgt Ion: 96 Resp: 72908

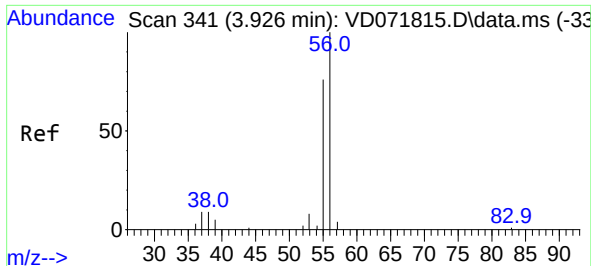
Ion Ratio Lower Upper

96 100

61 175.2 138.5 207.7

98 68.2 48.6 73.0





#13

Acrolein

Concen: 133.858 ug/l

RT: 3.920 min Scan# 341

Delta R.T. -0.006 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

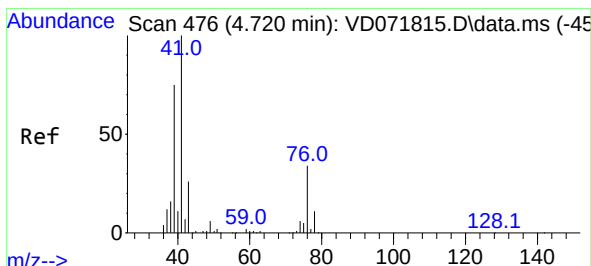
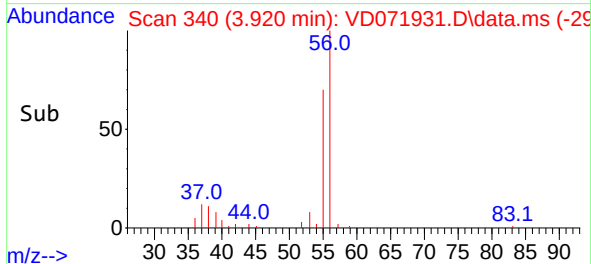
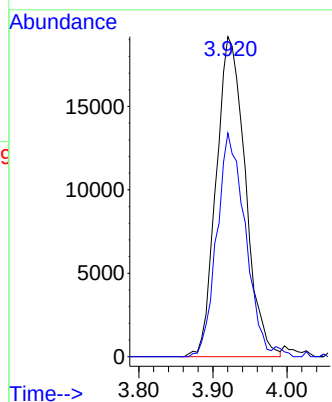
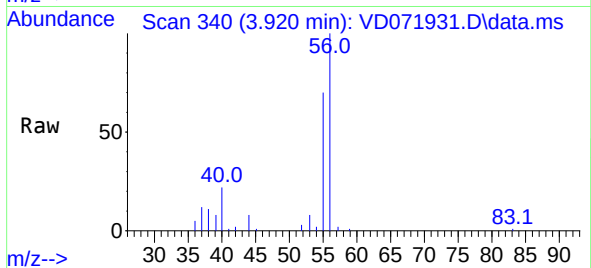
ClientSampleId :

Tgt Ion: 56 Resp: 52265

Ion Ratio Lower Upper

56 100

55 67.9 57.1 85.7



#14

Allyl chloride

Concen: 19.554 ug/l

RT: 4.720 min Scan# 476

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

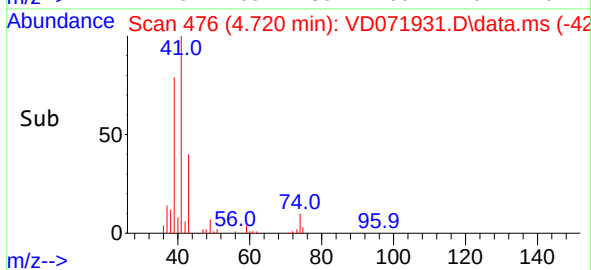
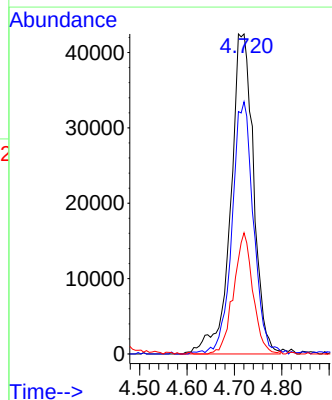
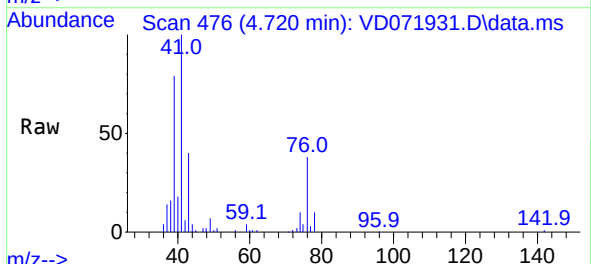
Tgt Ion: 41 Resp: 142423

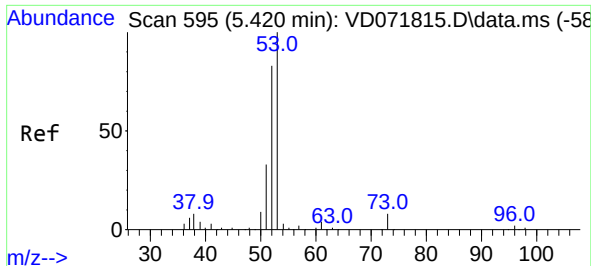
Ion Ratio Lower Upper

41 100

39 74.2 59.3 88.9

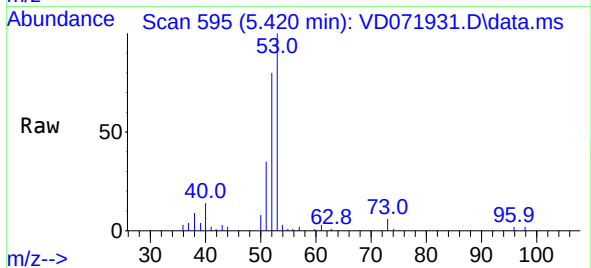
76 32.0 25.7 38.5





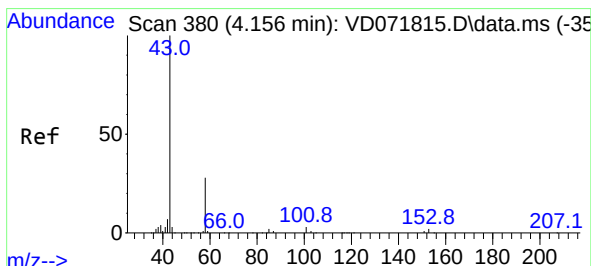
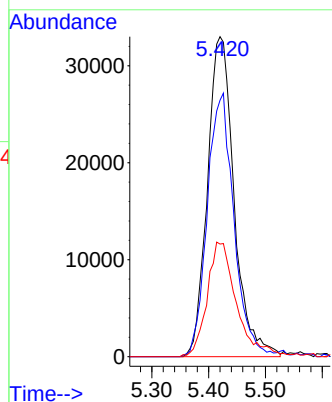
#15  
Acrylonitrile  
Concen: 108.193 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 53 Resp: 107493

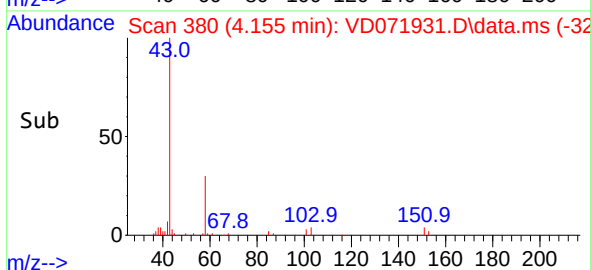
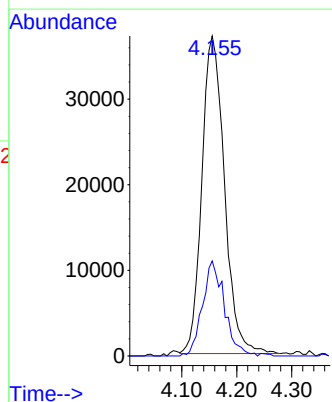
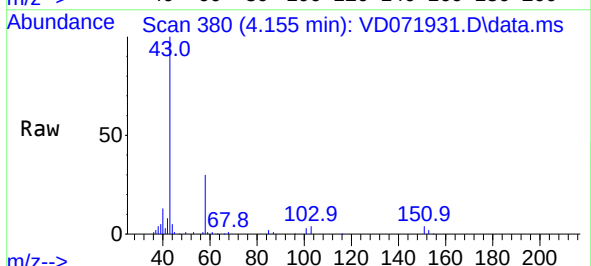
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.3  | 67.2  | 100.8 |
| 51  | 39.3  | 30.3  | 45.5  |

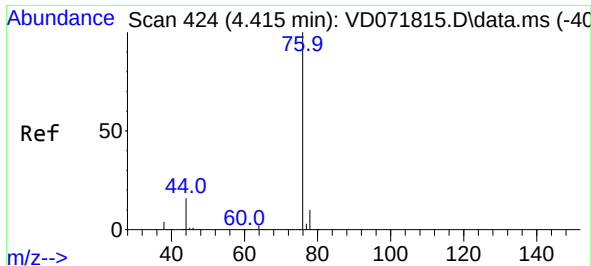


#16  
Acetone  
Concen: 88.010 ug/l  
RT: 4.155 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 43 Resp: 105908

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.9  | 22.1  | 33.1  |

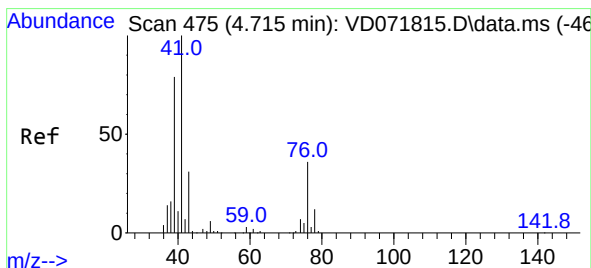
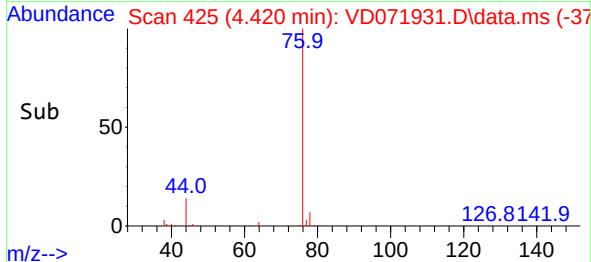
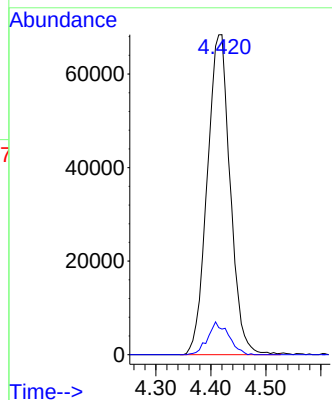
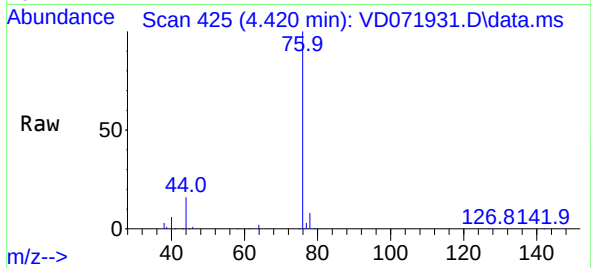




#17  
Carbon Disulfide  
Concen: 14.889 ug/l  
RT: 4.420 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

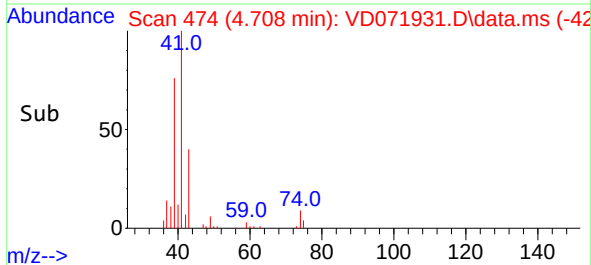
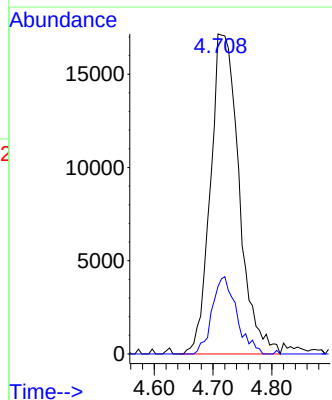
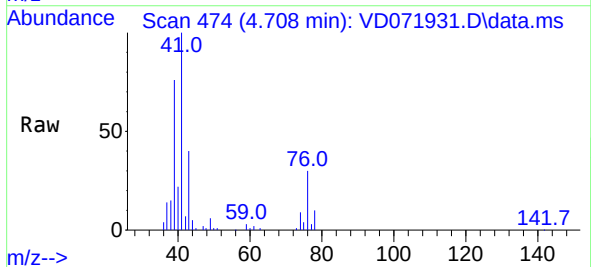
Instrument :  
MSVOA\_D  
ClientSampleId :

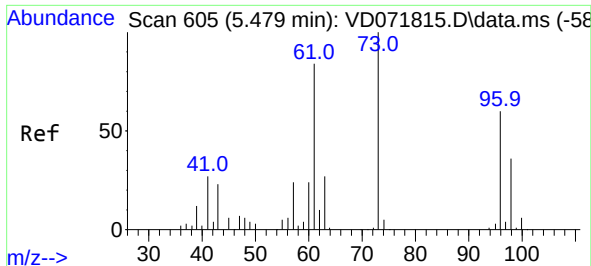
Tgt Ion: 76 Resp: 198371  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 22.301 ug/l  
RT: 4.708 min Scan# 474  
Delta R.T. -0.012 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 43 Resp: 58021  
Ion Ratio Lower Upper  
43 100  
74 20.6 16.7 25.1

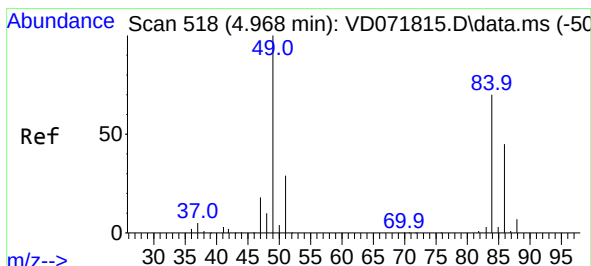
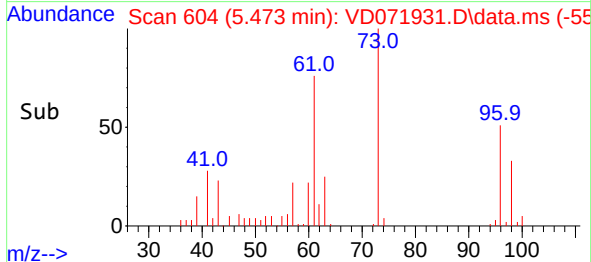
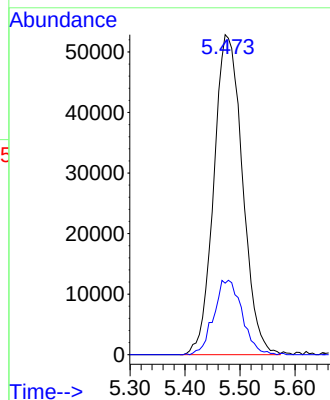
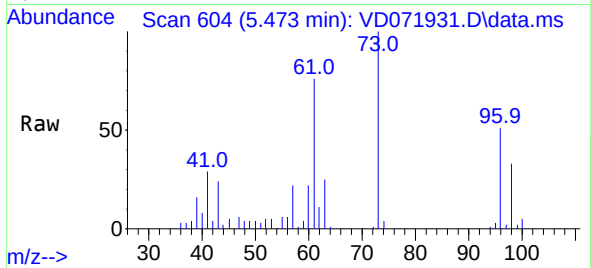




#19  
Methyl tert-butyl Ether  
Concen: 20.940 ug/l  
RT: 5.473 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

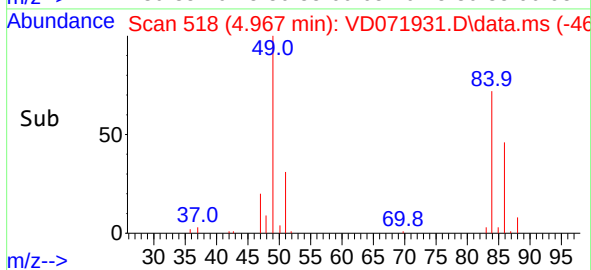
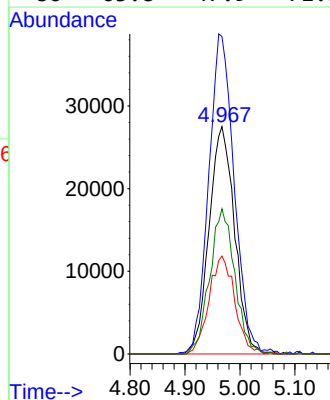
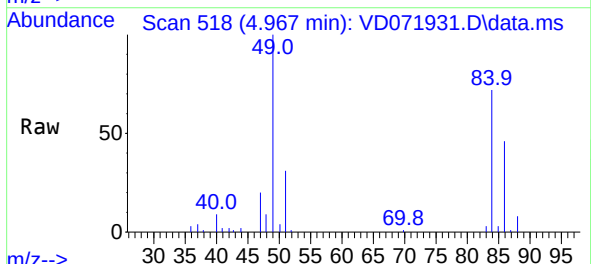
Instrument :  
MSVOA\_D  
ClientSampleId :

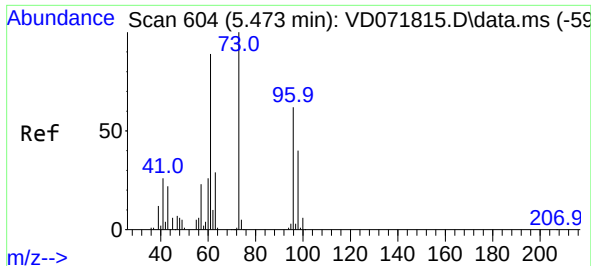
Tgt Ion: 73 Resp: 191414  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.0 27.0



#20  
Methylene Chloride  
Concen: 17.799 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 84 Resp: 88757  
Ion Ratio Lower Upper  
84 100  
49 139.6 112.8 169.2  
51 43.0 32.6 48.8  
86 63.8 47.9 71.9

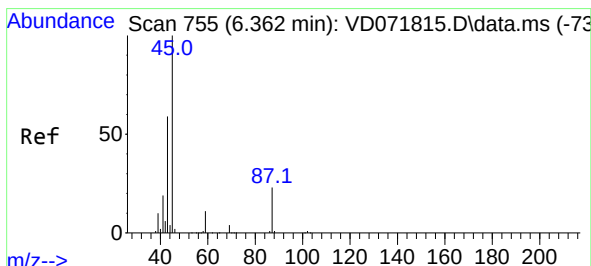
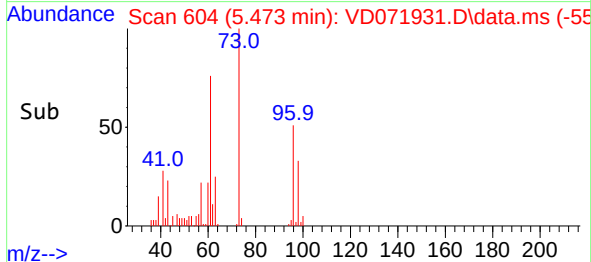
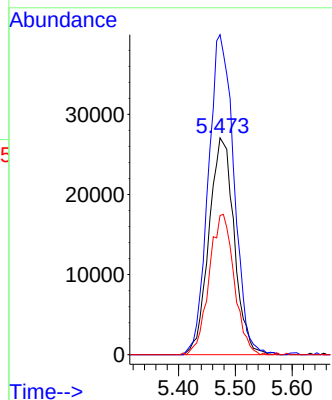
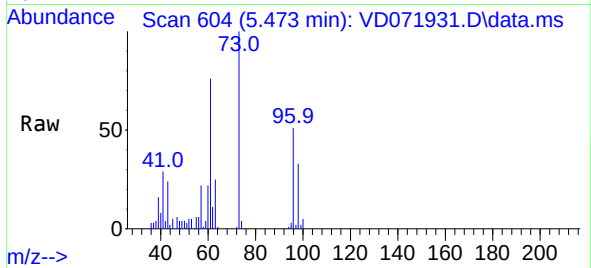




#21  
trans-1,2-Dichloroethene  
Concen: 18.787 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

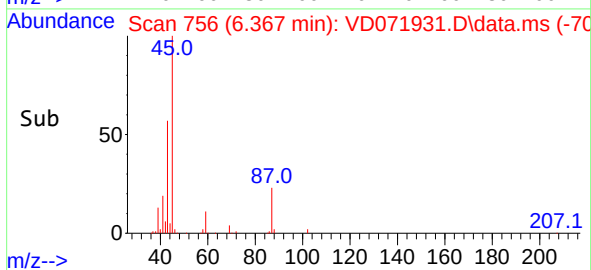
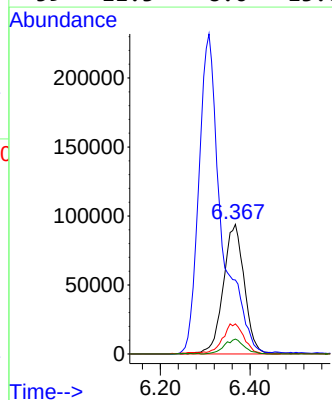
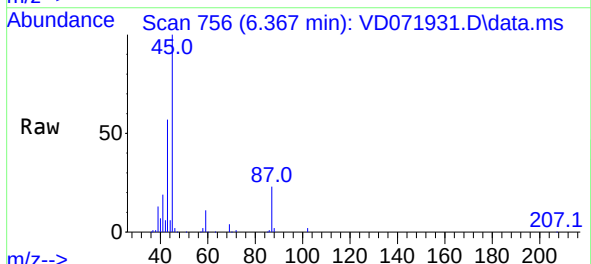
Instrument :  
MSVOA\_D  
ClientSampleId :

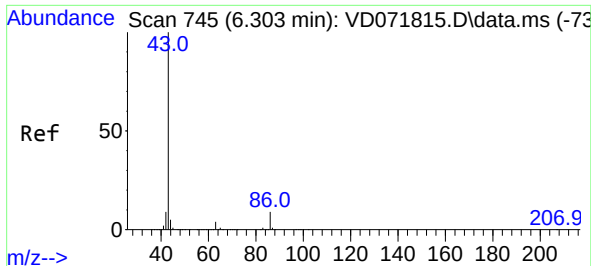
Tgt Ion: 96 Resp: 83569  
Ion Ratio Lower Upper  
96 100  
61 147.6 117.9 176.9  
98 64.2 49.4 74.2



#22  
Diisopropyl ether  
Concen: 21.467 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

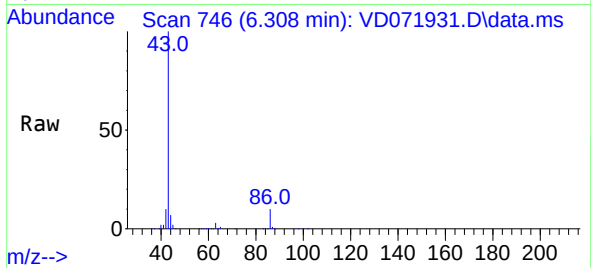
Tgt Ion: 45 Resp: 306452  
Ion Ratio Lower Upper  
45 100  
43 56.3 46.6 70.0  
87 23.3 18.4 27.6  
59 11.3 8.6 13.0



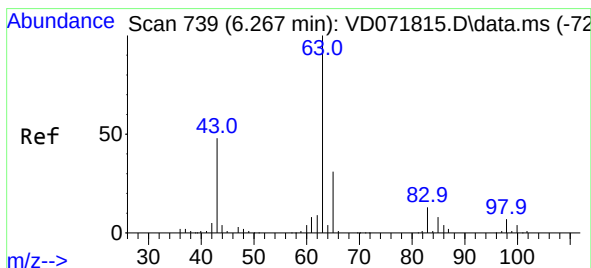
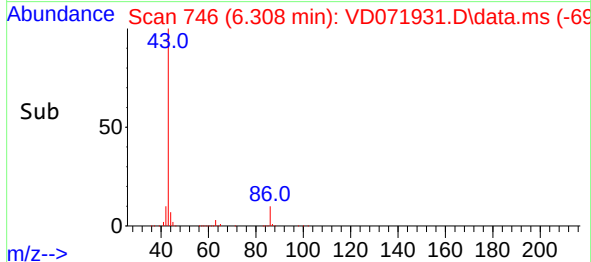
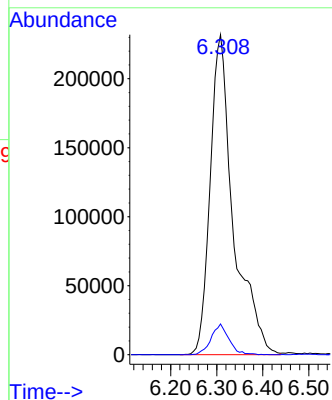


#23  
 Vinyl Acetate  
 Concen: 103.137 ug/l  
 RT: 6.308 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD071931.D  
 Acq: 11 Feb 2022 11:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :

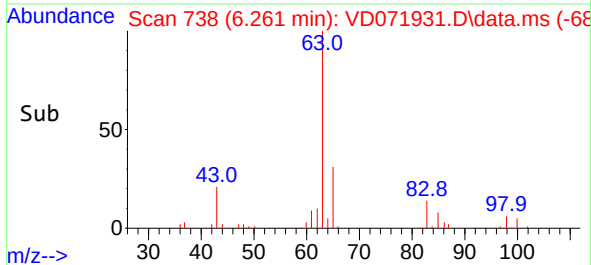
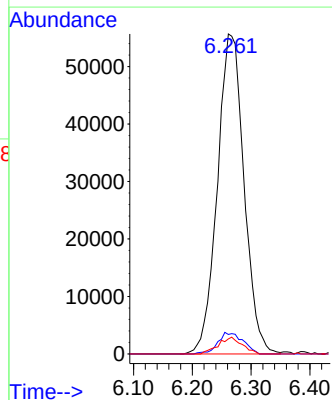
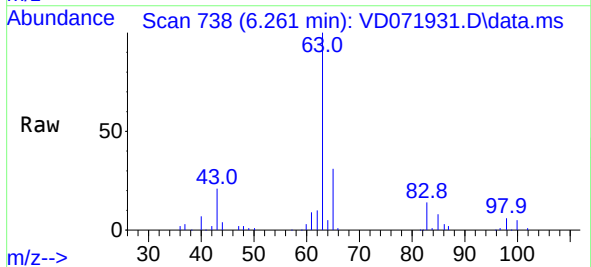


Tgt Ion: 43 Resp: 812205  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.1 10.7

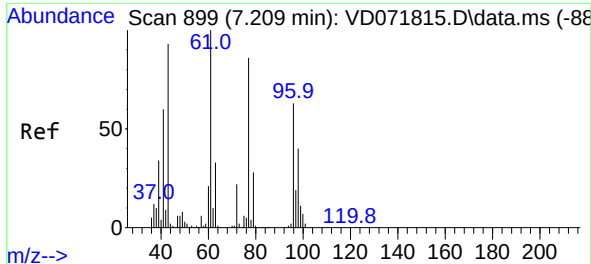


#24  
 1,1-Dichloroethane  
 Concen: 21.083 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.006 min  
 Lab File: VD071931.D  
 Acq: 11 Feb 2022 11:09

Tgt Ion: 63 Resp: 175418  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.6 10.9  
 100 4.7 2.1 6.5



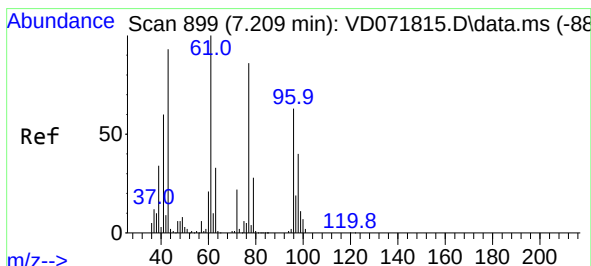
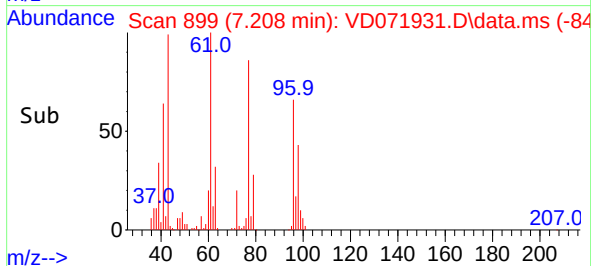
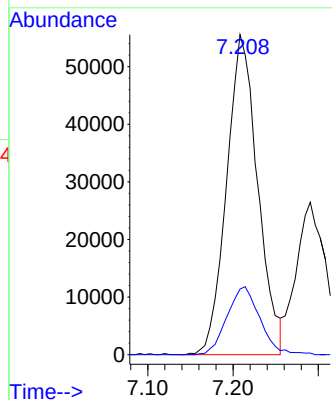
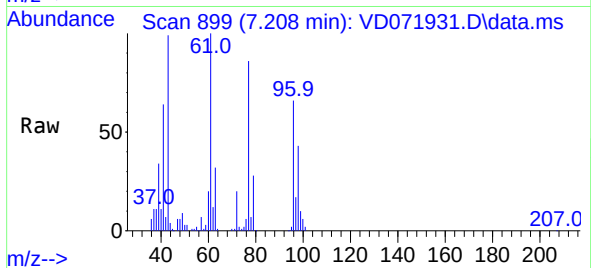




#25  
2-Butanone  
Concen: 100.513 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

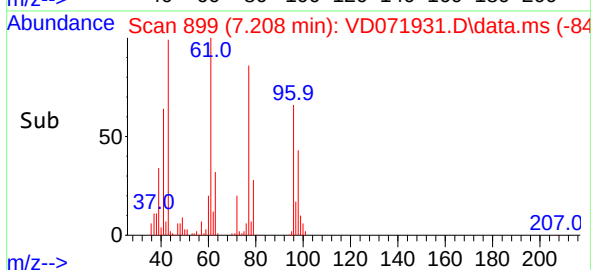
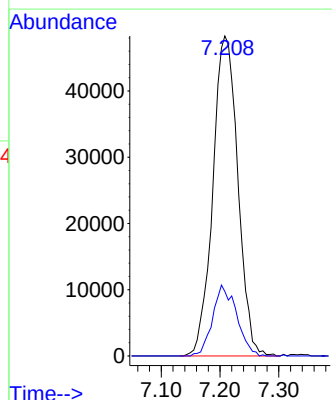
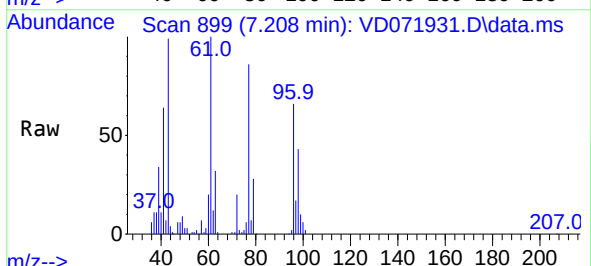
Instrument :  
MSVOA\_D  
ClientSampleId :

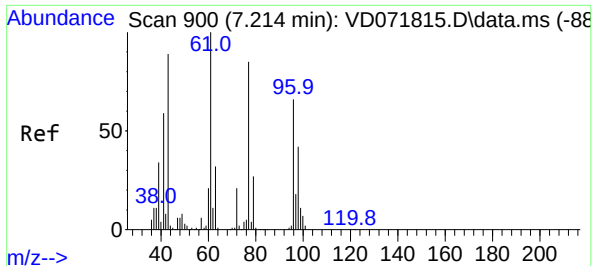
Tgt Ion: 43 Resp: 141004  
Ion Ratio Lower Upper  
43 100  
72 20.5 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 20.734 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

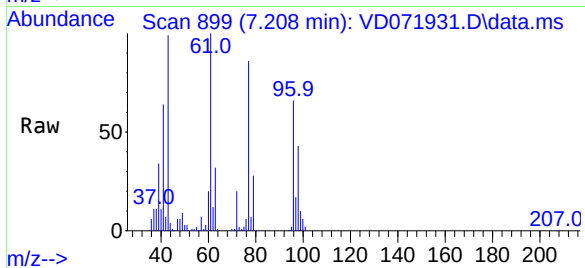
Tgt Ion: 77 Resp: 142765  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.8 32.4



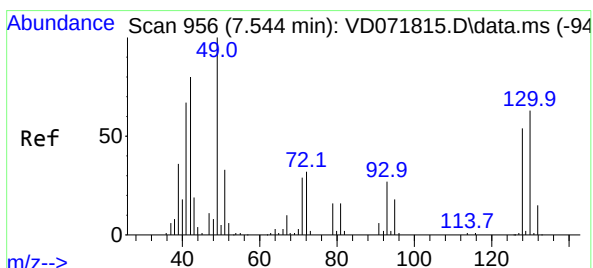
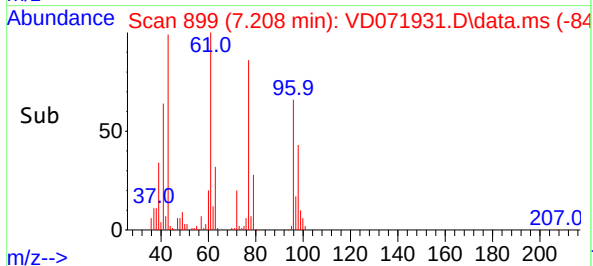
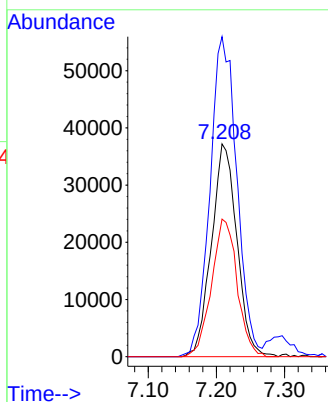


#27  
cis-1,2-Dichloroethene  
Concen: 20.261 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

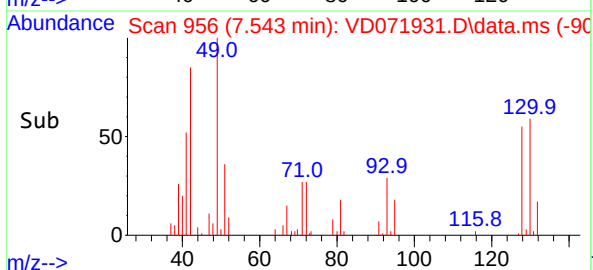
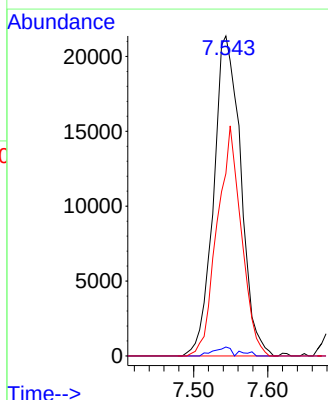
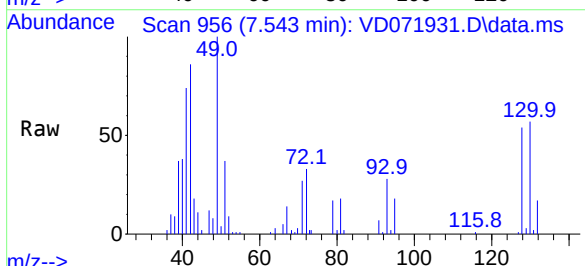


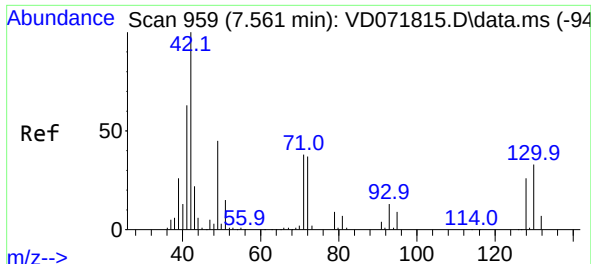
Tgt Ion: 96 Resp: 96800  
Ion Ratio Lower Upper  
96 100  
61 158.6 0.0 313.8  
98 64.9 0.0 128.8



#28  
Bromochloromethane  
Concen: 17.291 ug/l  
RT: 7.543 min Scan# 956  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 49 Resp: 54265  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 4.0  
130 64.2 52.6 79.0





#29

Tetrahydrofuran

Concen: 107.842 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

ClientSampleId :

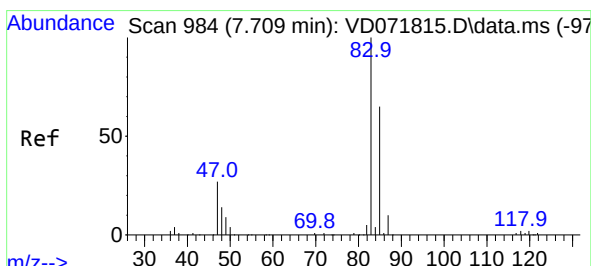
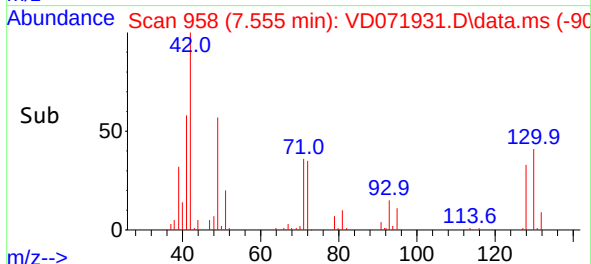
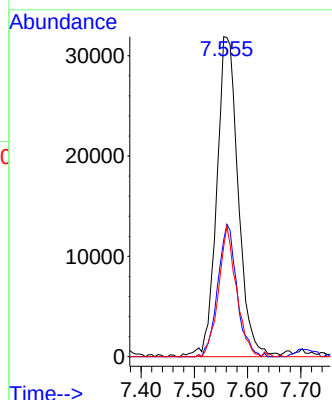
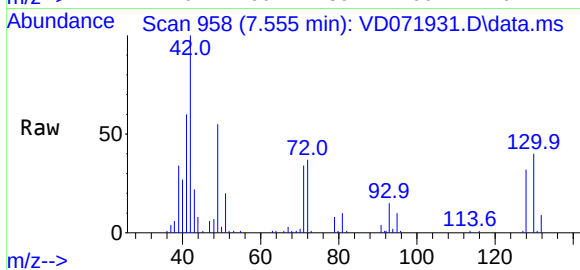
Tgt Ion: 42 Resp: 89514

Ion Ratio Lower Upper

42 100

72 36.7 30.7 46.1

71 33.7 28.6 43.0



#30

Chloroform

Concen: 20.605 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD071931.D

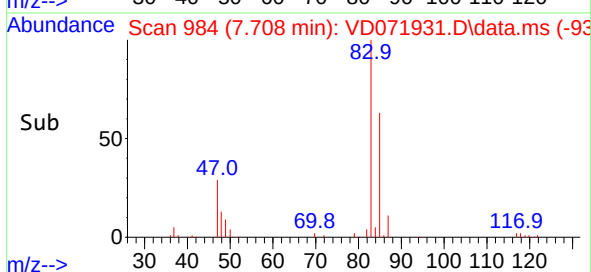
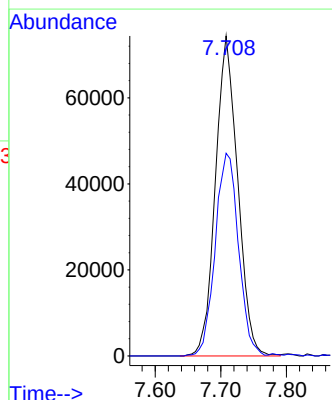
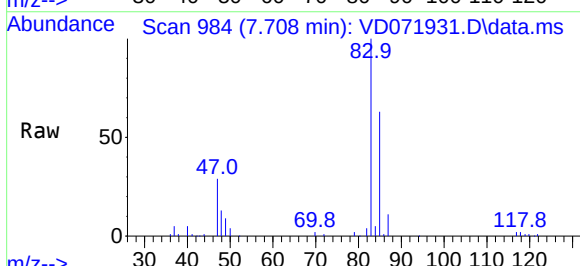
Acq: 11 Feb 2022 11:09

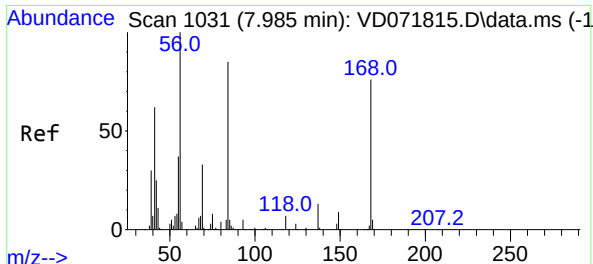
Tgt Ion: 83 Resp: 175150

Ion Ratio Lower Upper

83 100

85 63.4 52.7 79.1

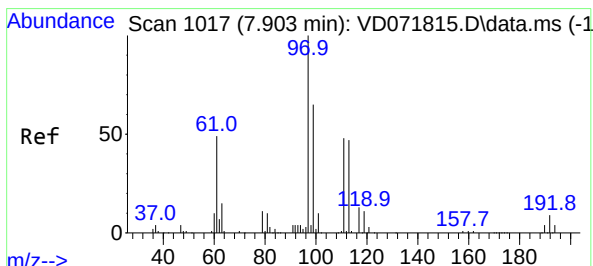
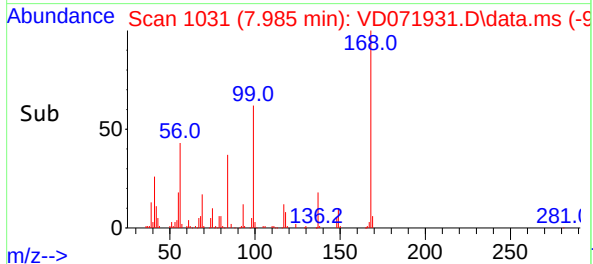
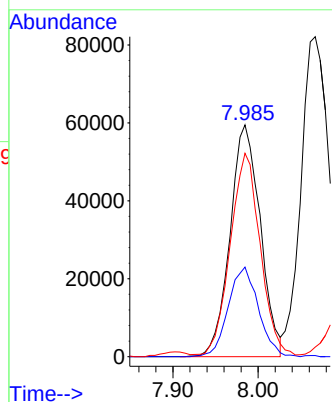
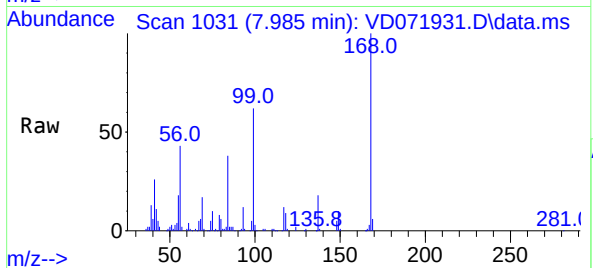




#31  
Cyclohexane  
Concen: 17.502 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

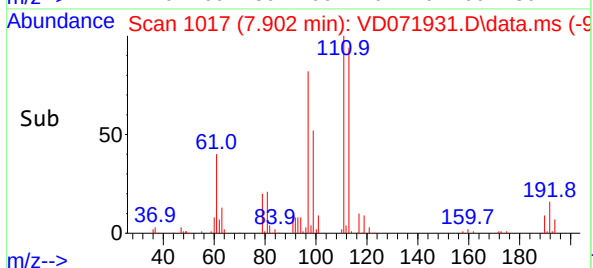
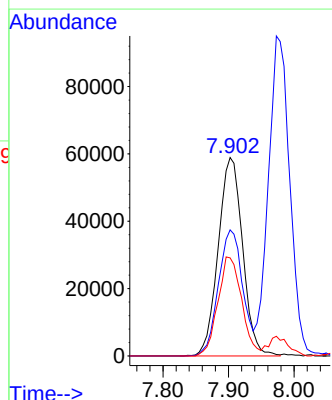
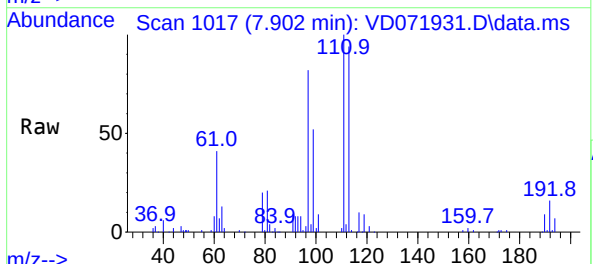
Instrument :  
MSVOA\_D  
ClientSampleId :

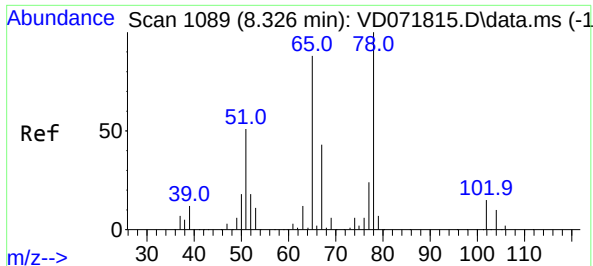
Tgt Ion: 56 Resp: 146884  
Ion Ratio Lower Upper  
56 100  
69 38.7 25.4 38.2#  
84 85.7 63.0 94.4



#32  
1,1,1-Trichloroethane  
Concen: 20.299 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 97 Resp: 152198  
Ion Ratio Lower Upper  
97 100  
99 63.3 52.4 78.6  
61 48.7 38.0 57.0

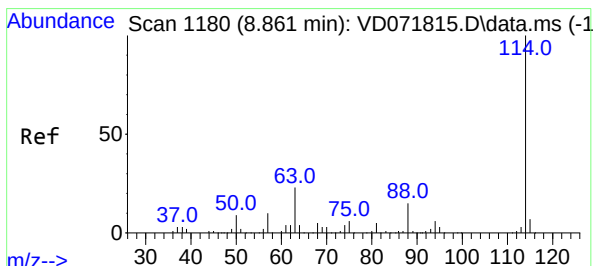
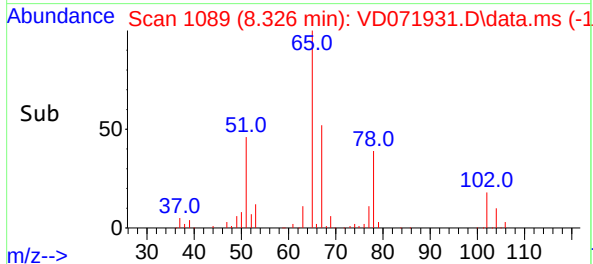
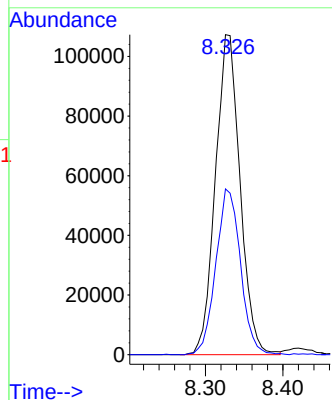
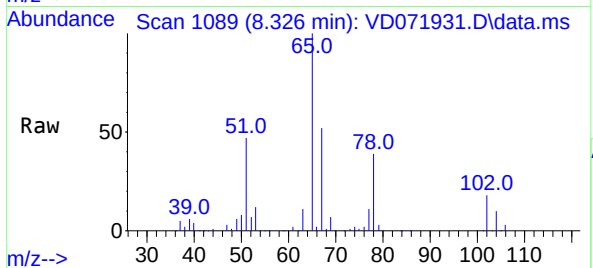




#33  
1,2-Dichloroethane-d4  
Concen: 54.016 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

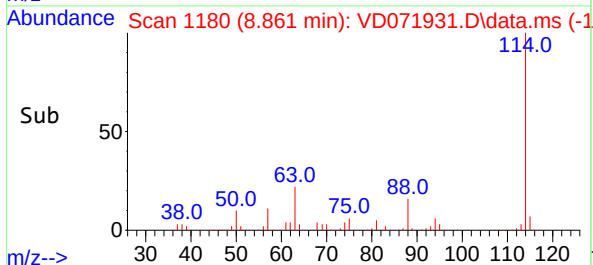
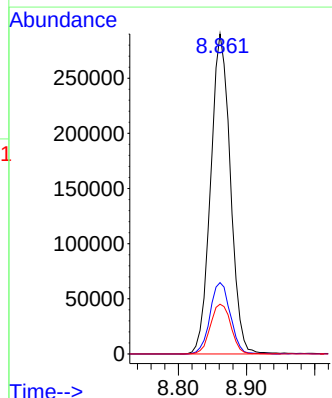
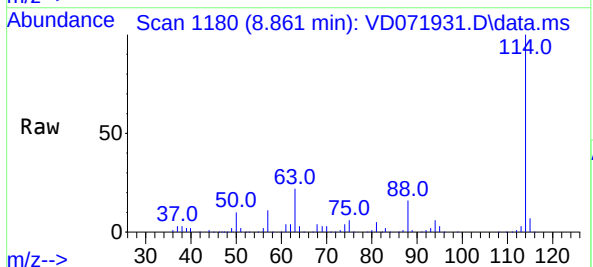
Instrument :  
MSVOA\_D  
ClientSampleId :

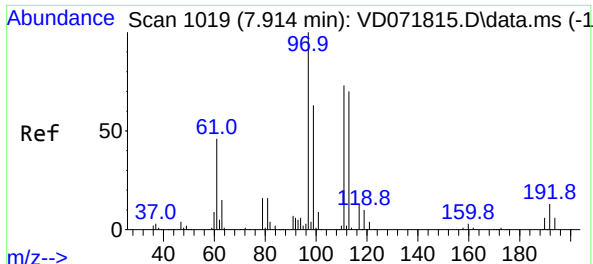
Tgt Ion: 65 Resp: 237455  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

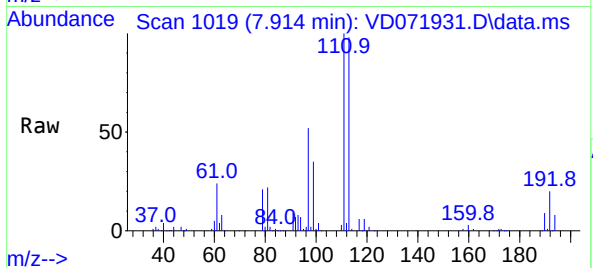
Tgt Ion: 114 Resp: 583139  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 46.6  
88 15.6 0.0 33.2



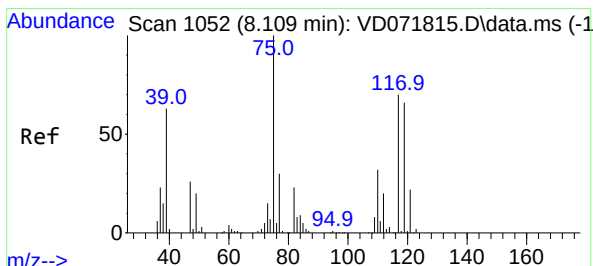
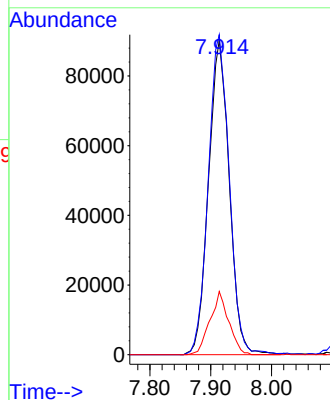
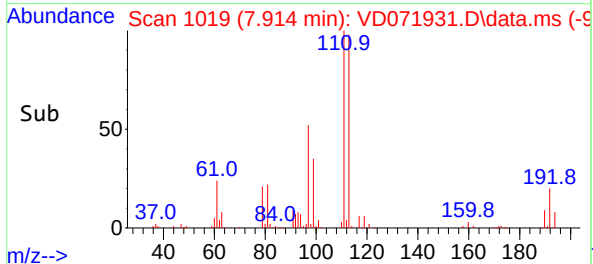


#35  
Dibromofluoromethane  
Concen: 55.741 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

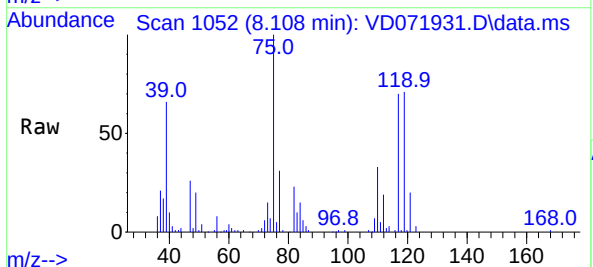
Instrument :  
MSVOA\_D  
ClientSampleId :



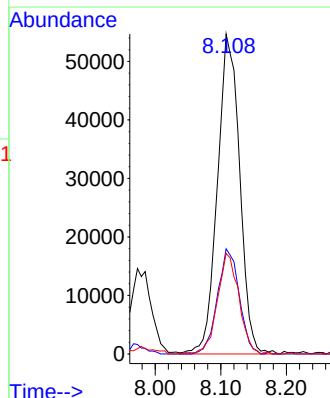
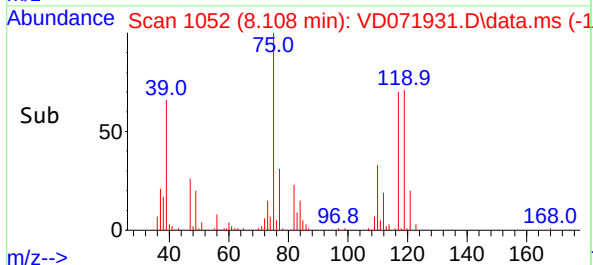
Tgt Ion:113 Resp: 213664  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.8 125.6  
192 18.1 14.6 21.8

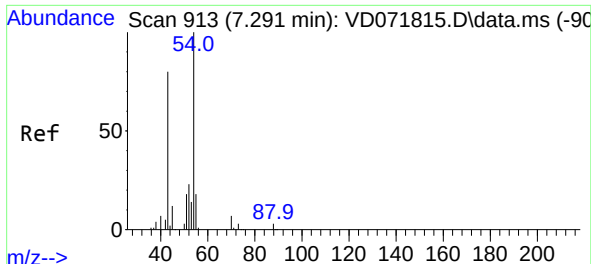


#36  
1,1-Dichloropropene  
Concen: 19.551 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09



Tgt Ion: 75 Resp: 128624  
Ion Ratio Lower Upper  
75 100  
110 32.1 16.4 49.1  
77 30.3 24.2 36.2





#37

Ethyl Acetate

Concen: 21.402 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

ClientSampleId :

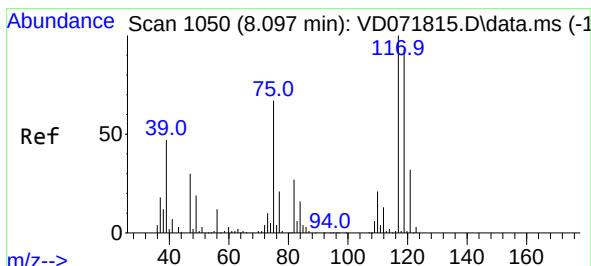
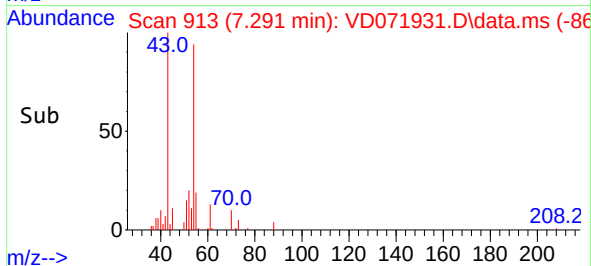
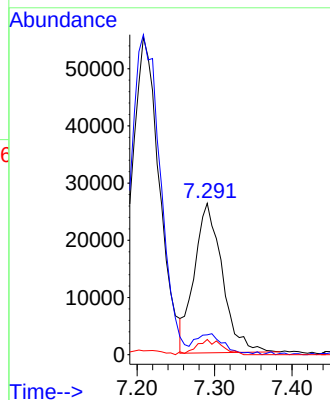
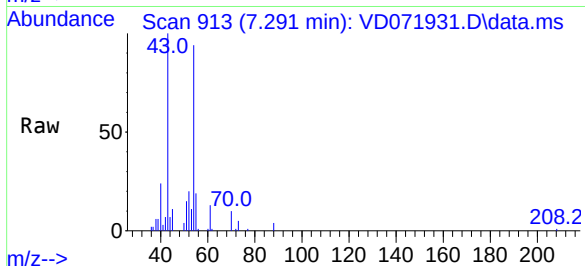
Tgt Ion: 43 Resp: 65465

Ion Ratio Lower Upper

43 100

61 14.2 9.8 14.8

70 9.5 6.9 10.3



#38

Carbon Tetrachloride

Concen: 20.072 ug/l

RT: 8.096 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

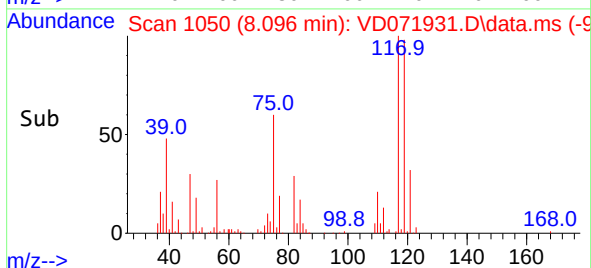
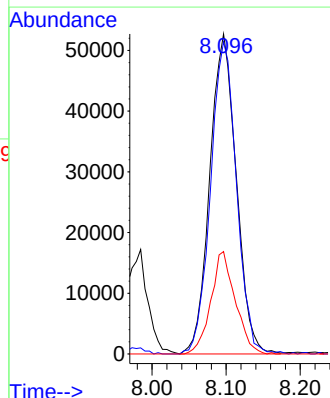
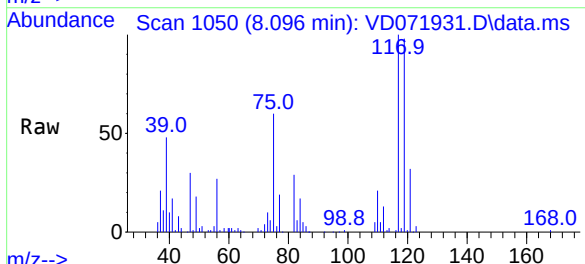
Tgt Ion: 117 Resp: 130594

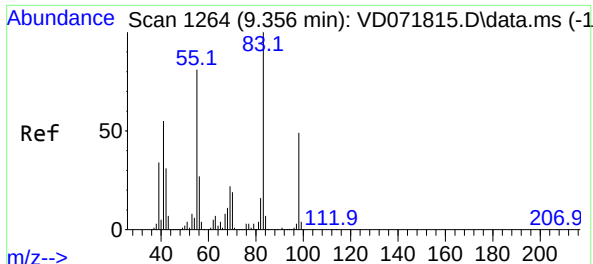
Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.6

121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 18.239 ug/l

RT: 9.355 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

ClientSampleId :

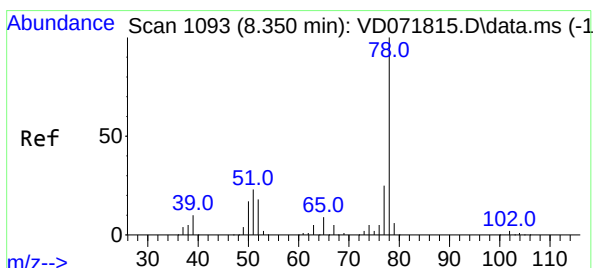
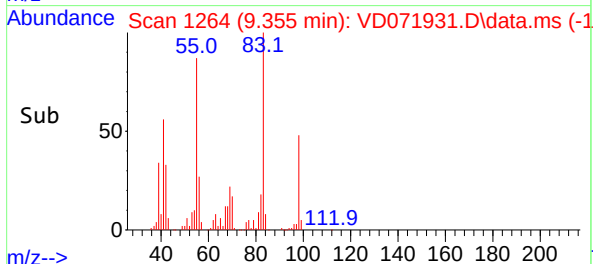
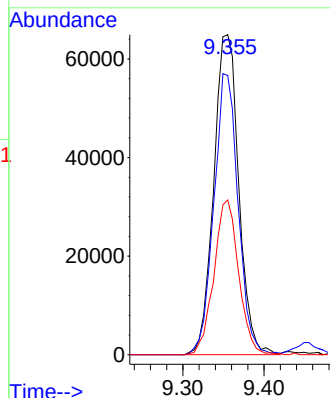
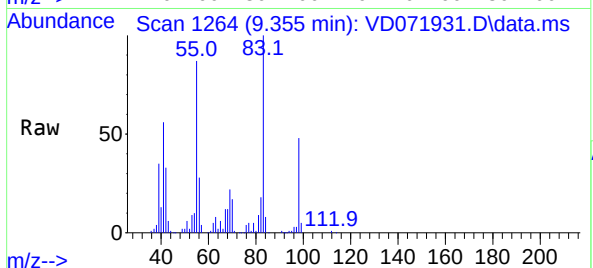
Tgt Ion: 83 Resp: 139040

Ion Ratio Lower Upper

83 100

55 87.3 63.2 94.8

98 48.4 38.2 57.4



#40

Benzene

Concen: 20.177 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071931.D

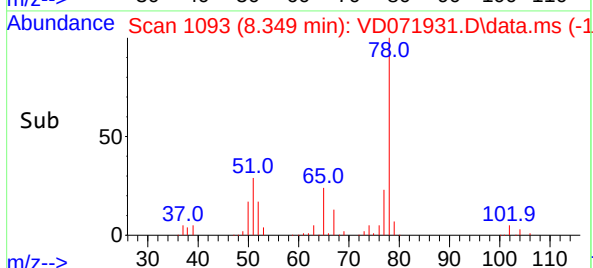
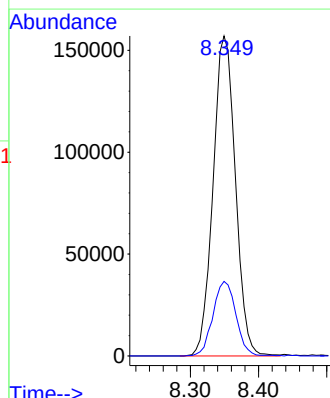
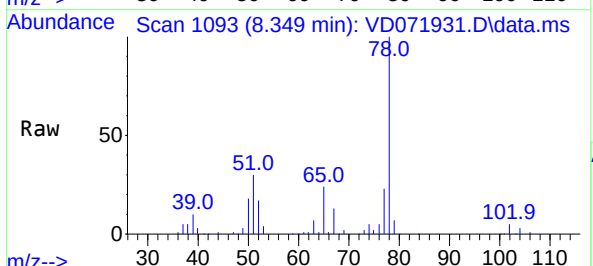
Acq: 11 Feb 2022 11:09

Tgt Ion: 78 Resp: 358332

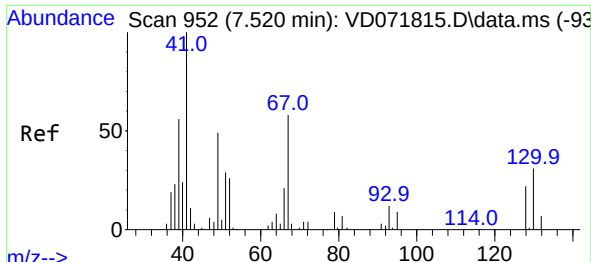
Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7





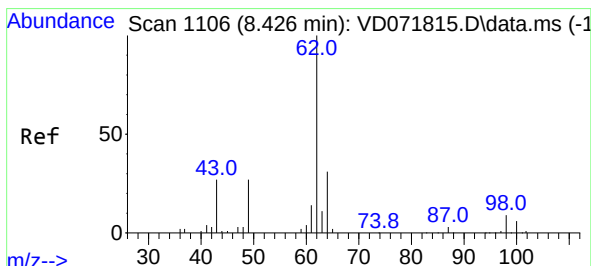
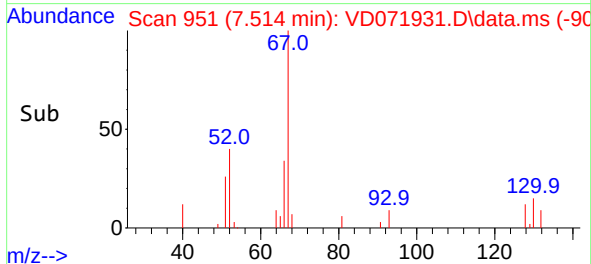
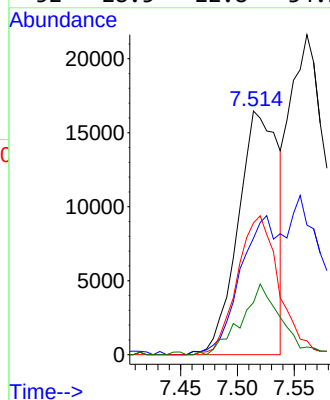
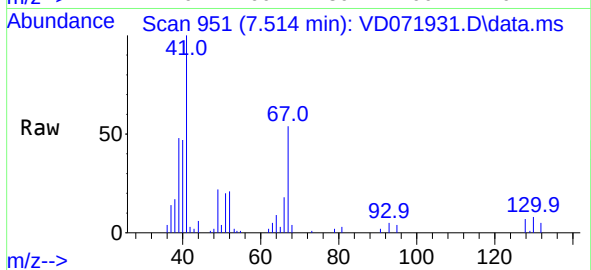


#41  
Methacrylonitrile  
Concen: 23.348 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 41 Resp: 40402

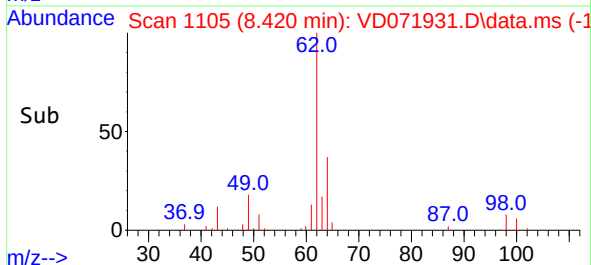
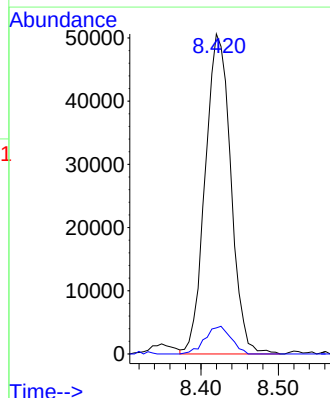
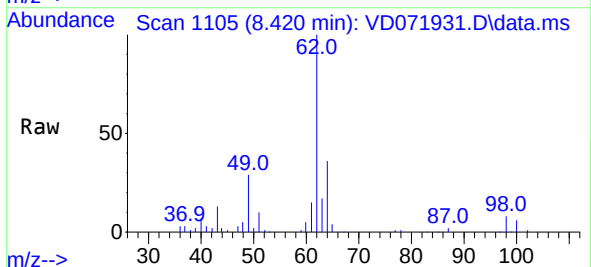
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 62.1  | 44.6  | 67.0  |
| 67  | 59.8  | 48.2  | 72.4  |
| 52  | 28.5  | 22.8  | 34.2  |

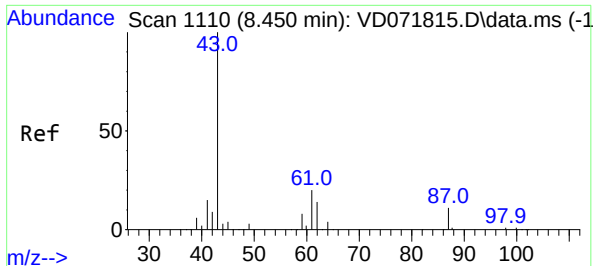


#42  
1,2-Dichloroethane  
Concen: 20.769 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 62 Resp: 116470

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 17.6  |





#43

Isopropyl Acetate

Concen: 22.285 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

ClientSampleId :

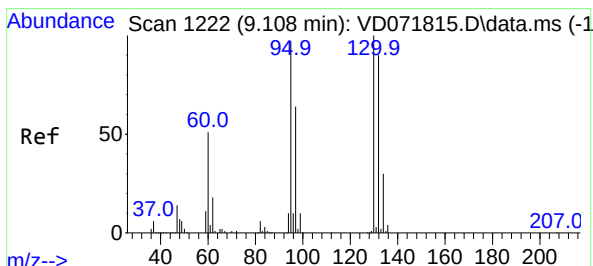
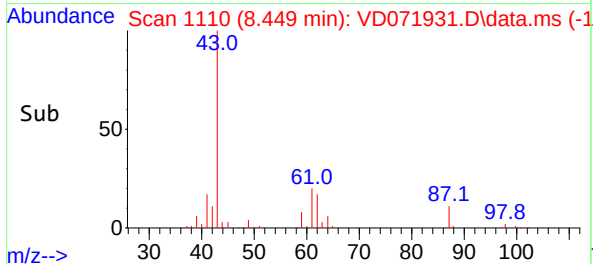
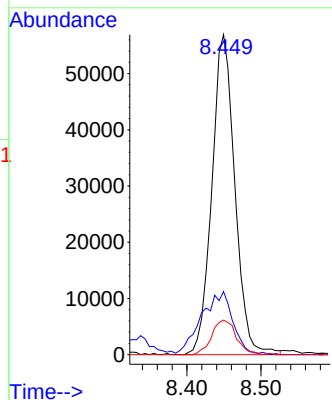
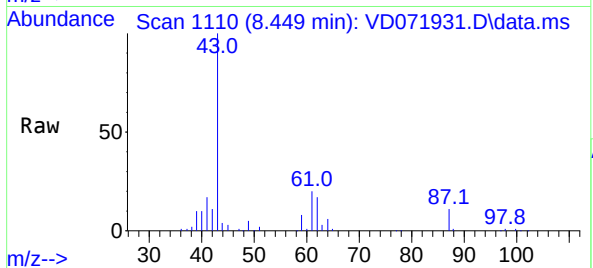
Tgt Ion: 43 Resp: 122512

Ion Ratio Lower Upper

43 100

61 27.1 22.4 33.6

87 11.5 8.7 13.1



#44

Trichloroethene

Concen: 20.787 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD071931.D

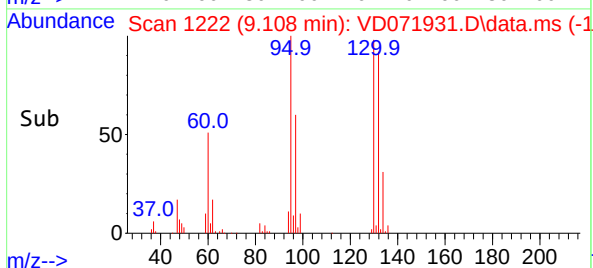
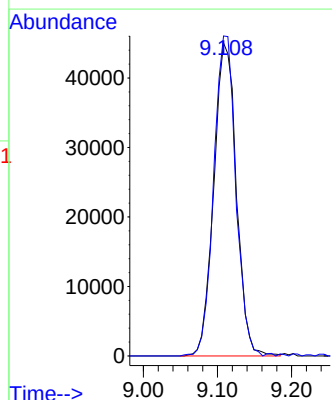
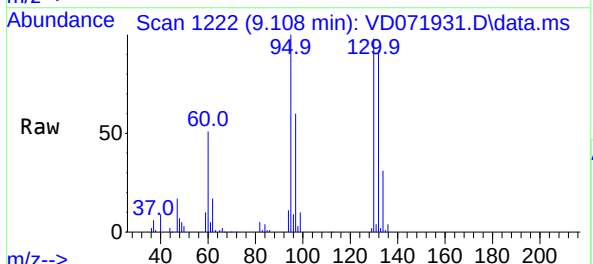
Acq: 11 Feb 2022 11:09

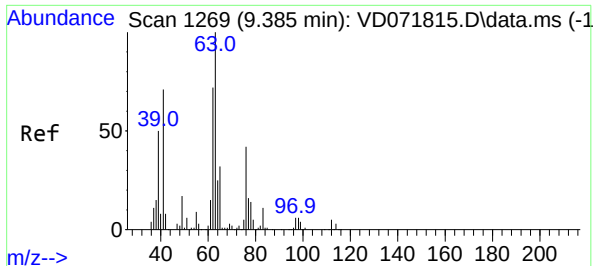
Tgt Ion:130 Resp: 95318

Ion Ratio Lower Upper

130 100

95 102.3 0.0 205.4

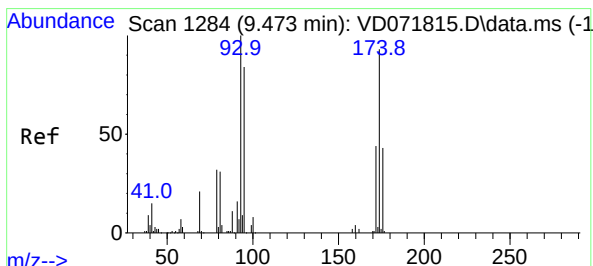
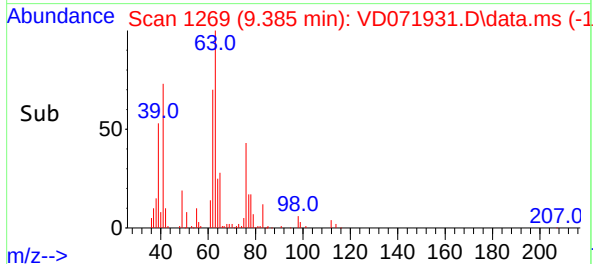
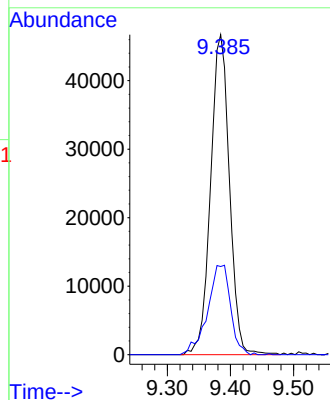
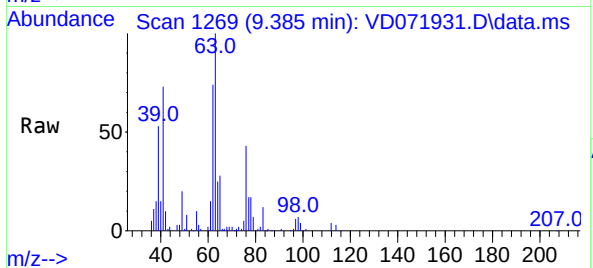




#45  
1,2-Dichloropropane  
Concen: 21.165 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

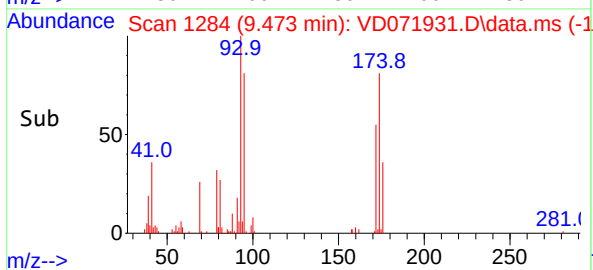
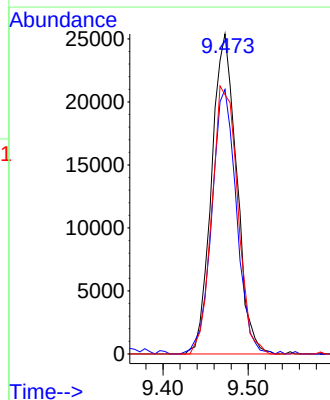
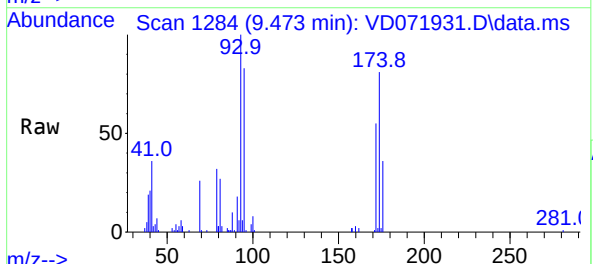
Instrument :  
MSVOA\_D  
ClientSampleId :

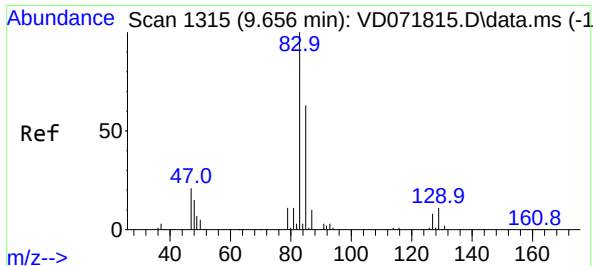
Tgt Ion: 63 Resp: 96918  
Ion Ratio Lower Upper  
63 100  
65 27.6 26.2 39.4



#46  
Dibromomethane  
Concen: 21.583 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 93 Resp: 51749  
Ion Ratio Lower Upper  
93 100  
95 81.5 66.7 100.1  
174 86.5 71.6 107.4





#47

Bromodichloromethane

Concen: 21.561 ug/l

RT: 9.661 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

ClientSampleId :

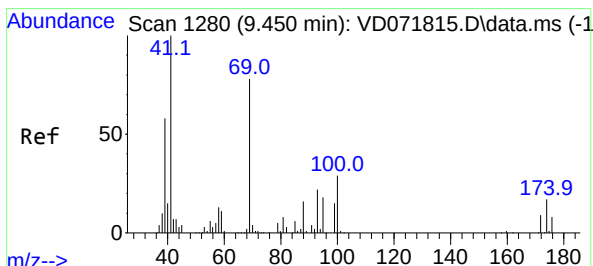
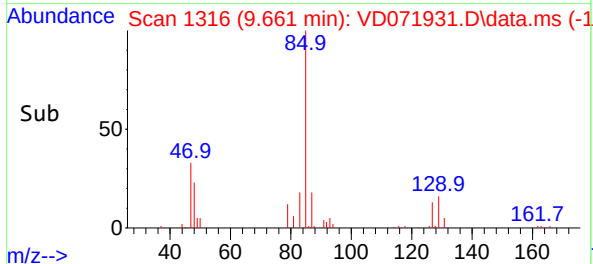
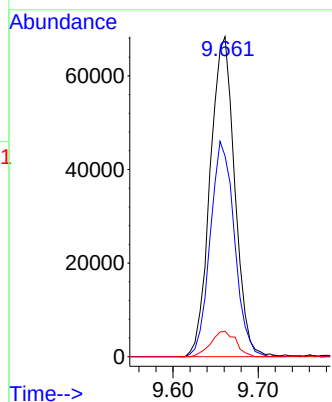
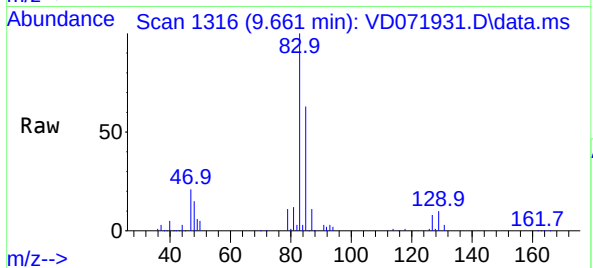
Tgt Ion: 83 Resp: 136721

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

127 7.9 6.1 9.1



#48

Methyl methacrylate

Concen: 18.238 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

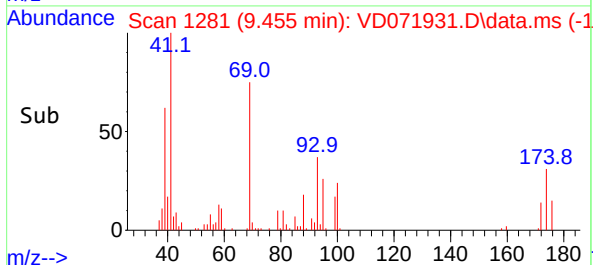
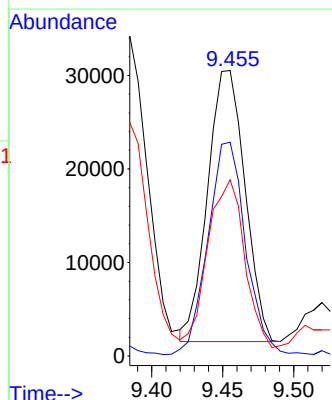
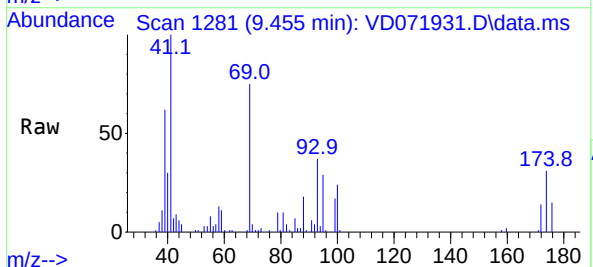
Tgt Ion: 41 Resp: 53062

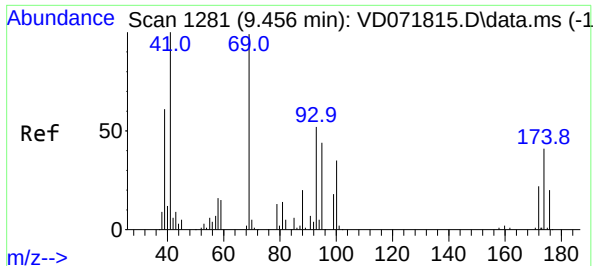
Ion Ratio Lower Upper

41 100

69 79.5 56.7 85.1

39 60.3 42.7 64.1

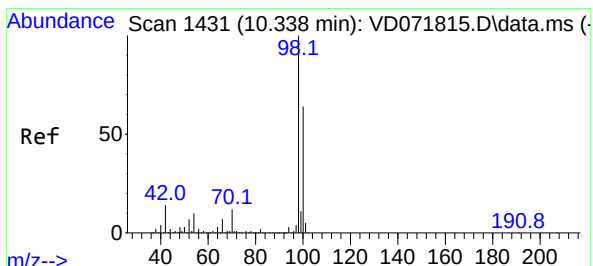
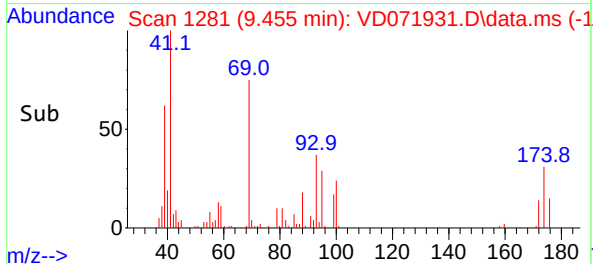
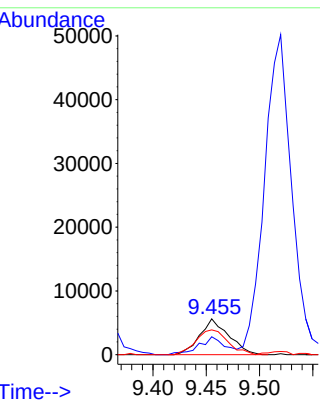
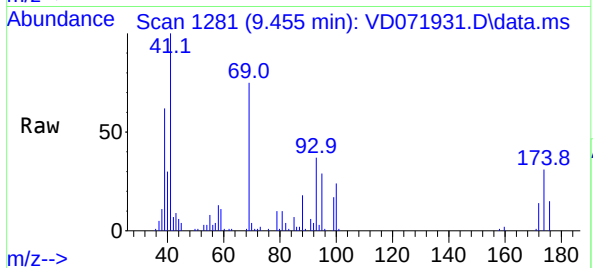




#49  
1,4-Dioxane  
Concen: 386.013 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

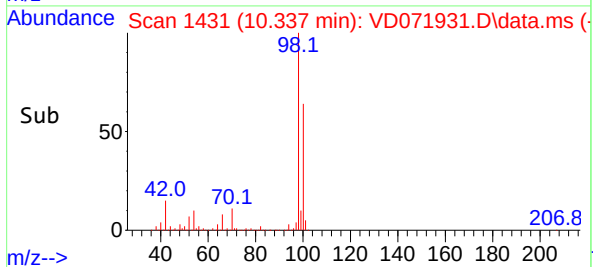
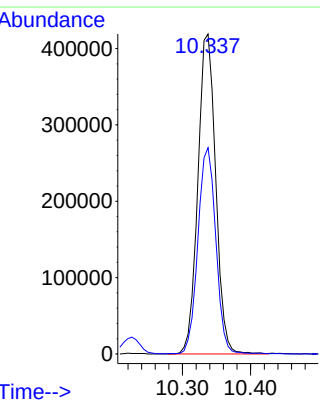
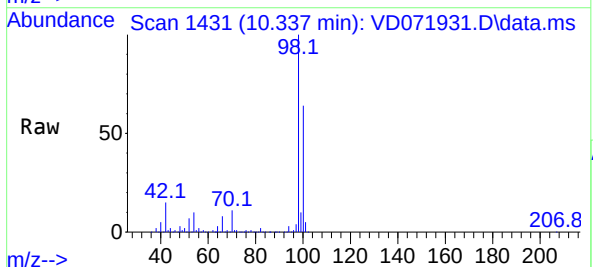
Instrument :  
MSVOA\_D  
ClientSampleId :

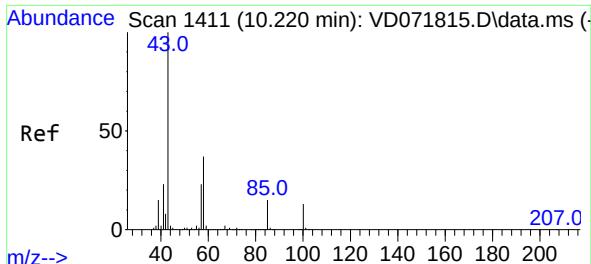
Tgt Ion: 88 Resp: 10564  
Ion Ratio Lower Upper  
88 100  
43 45.1 31.0 46.4  
58 76.5 58.1 87.1



#50  
Toluene-d8  
Concen: 53.298 ug/l  
RT: 10.337 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 98 Resp: 762986  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 109.686 ug/l

RT: 10.226 min Scan# 1411

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

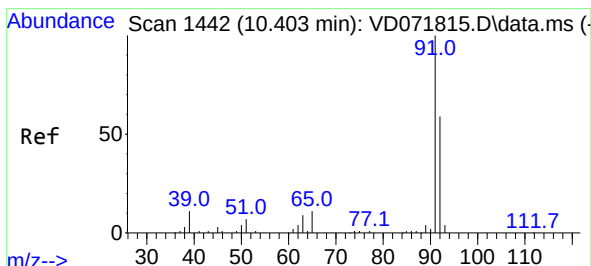
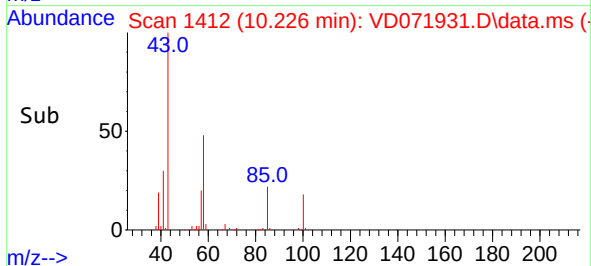
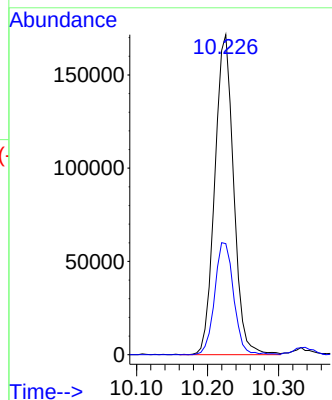
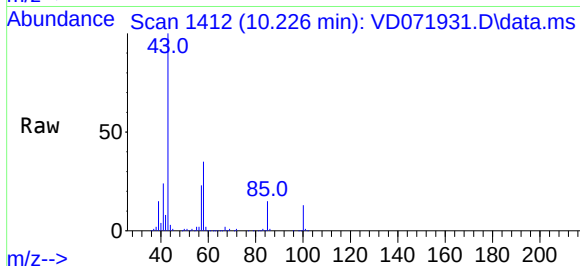
ClientSampleId :

Tgt Ion: 43 Resp: 315557

Ion Ratio Lower Upper

43 100

58 35.3 28.6 43.0



#52

Toluene

Concen: 20.239 ug/l

RT: 10.396 min Scan# 1441

Delta R.T. -0.006 min

Lab File: VD071931.D

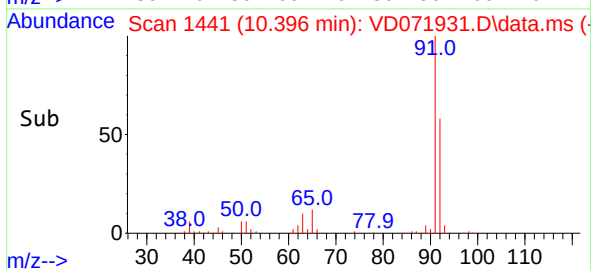
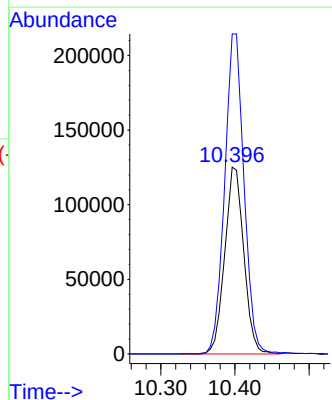
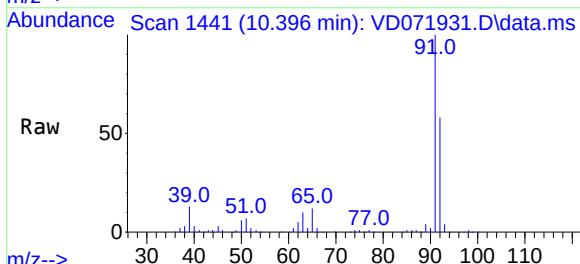
Acq: 11 Feb 2022 11:09

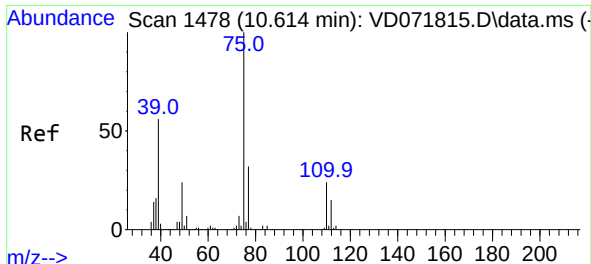
Tgt Ion: 92 Resp: 223501

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4

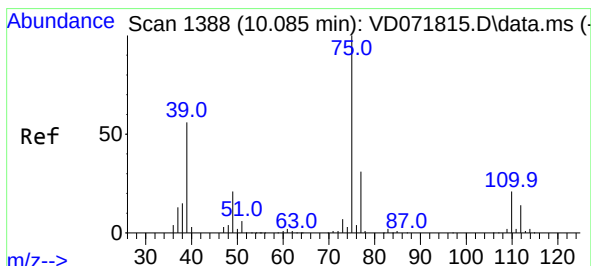
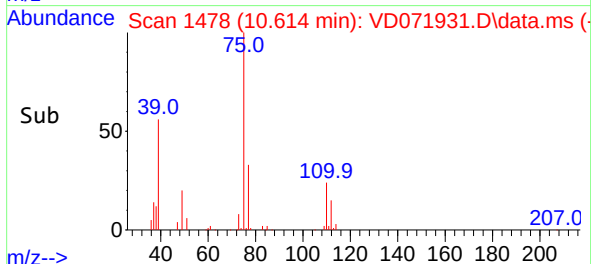
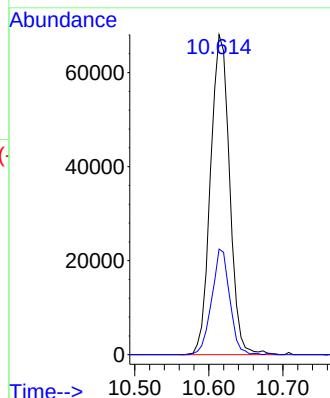
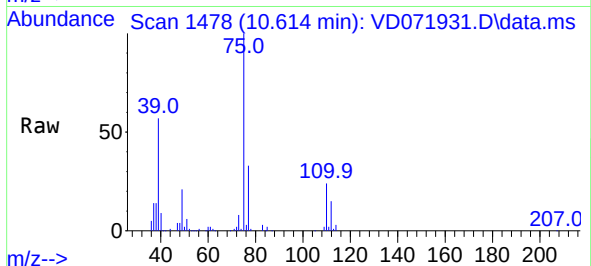




#53  
t-1,3-Dichloropropene  
Concen: 20.927 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

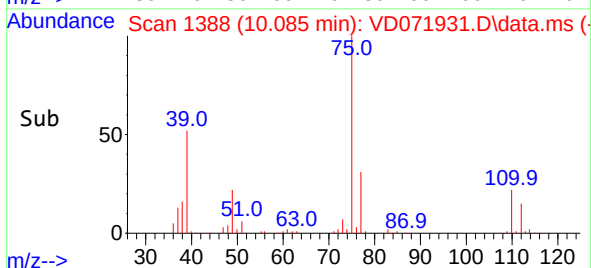
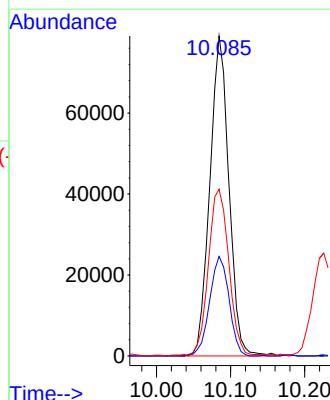
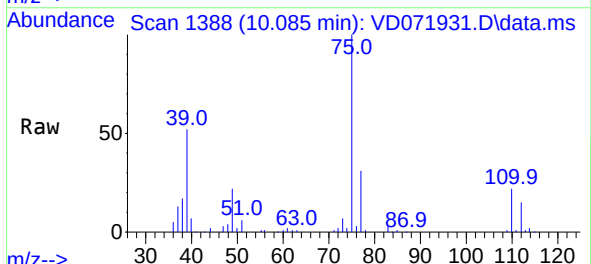
Instrument :  
MSVOA\_D  
ClientSampleId :

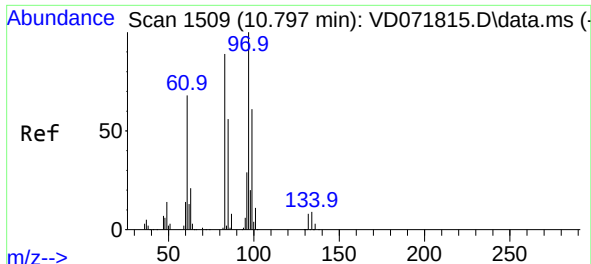
Tgt Ion: 75 Resp: 121880  
Ion Ratio Lower Upper  
75 100  
77 33.0 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 20.699 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 75 Resp: 141306  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.8 37.2  
39 51.9 46.8 70.2



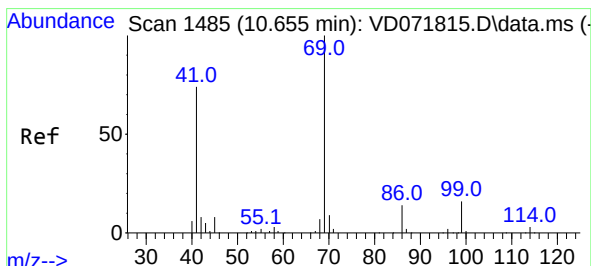
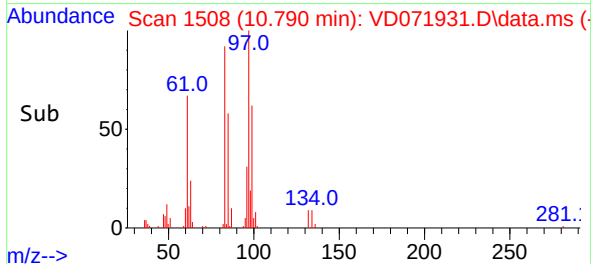
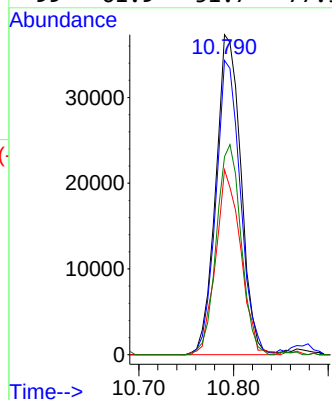
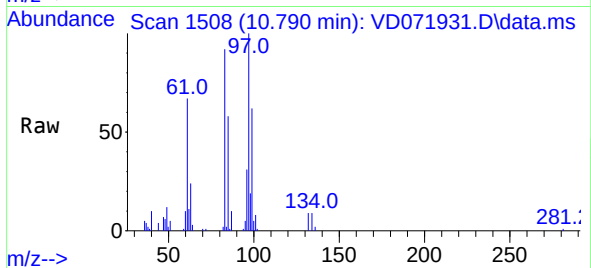


#55  
1,1,2-Trichloroethane  
Concen: 21.690 ug/l  
RT: 10.790 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 97 Resp: 69021

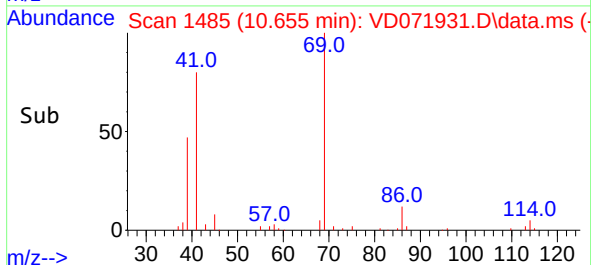
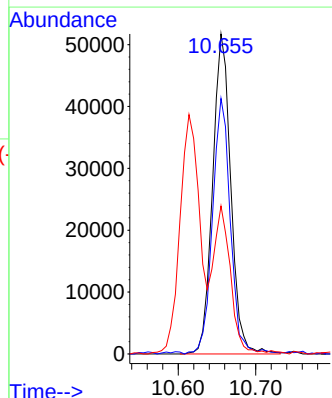
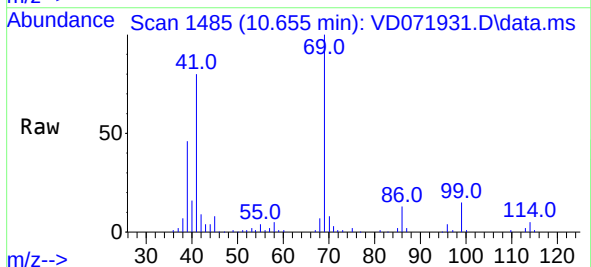
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 91.9  | 69.0  | 103.4 |
| 85  | 57.7  | 42.6  | 63.8  |
| 99  | 61.9  | 51.7  | 77.5  |



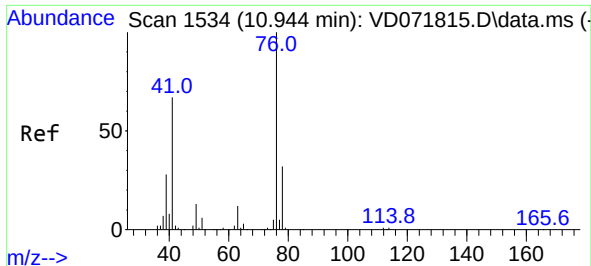
#56  
Ethyl methacrylate  
Concen: 21.388 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 69 Resp: 84266

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 77.9  | 63.0  | 94.6  |
| 39  | 42.2  | 33.8  | 50.8  |







#57

1,3-Dichloropropane

Concen: 21.545 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.006 min

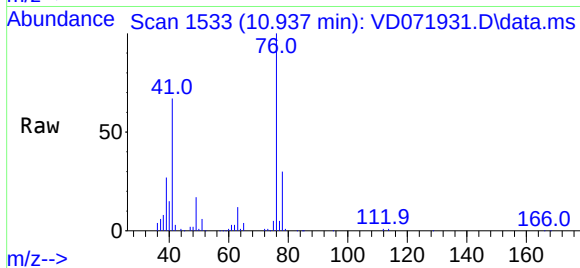
Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

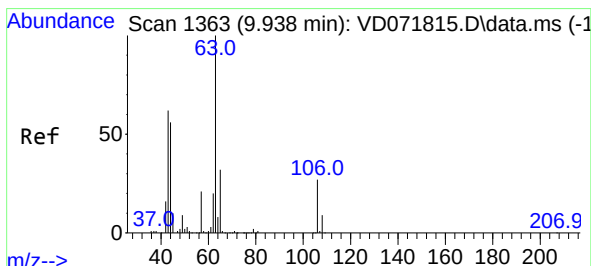
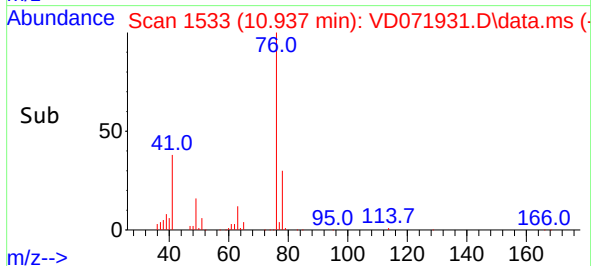
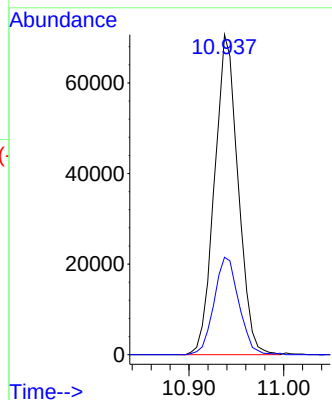
MSVOA\_D

ClientSampleId :



Tgt Ion: 76 Resp: 122395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 32.0  | 26.0  | 39.0  |



#58

2-Chloroethyl Vinyl ether

Concen: 110.072 ug/l

RT: 9.937 min Scan# 1363

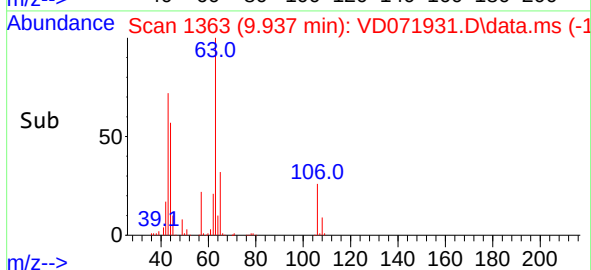
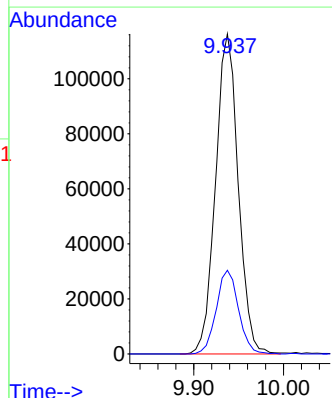
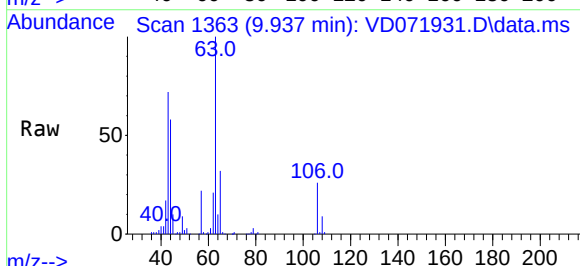
Delta R.T. -0.000 min

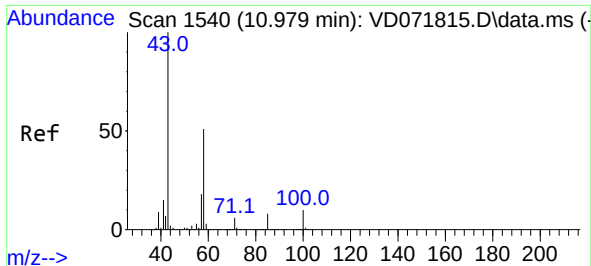
Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Tgt Ion: 63 Resp: 204150

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 106 | 25.6  | 21.4  | 32.0  |

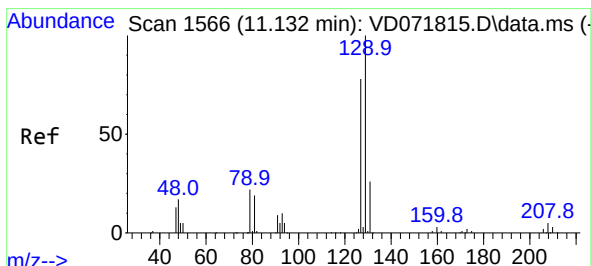
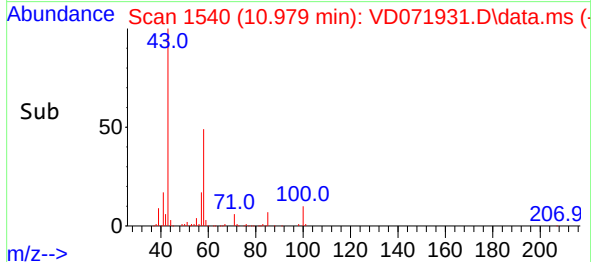
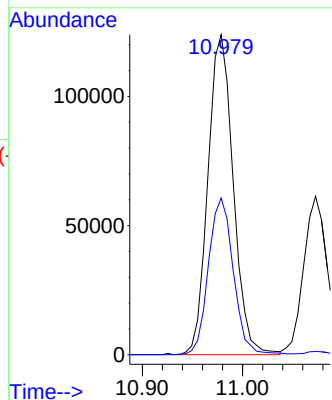
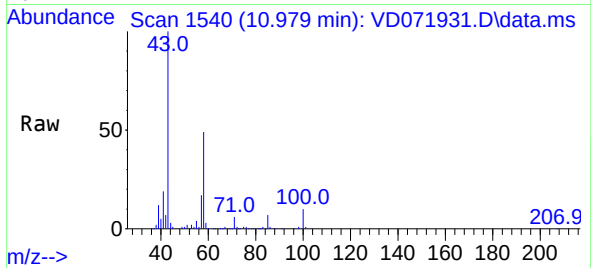




#59  
2-Hexanone  
Concen: 104.034 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

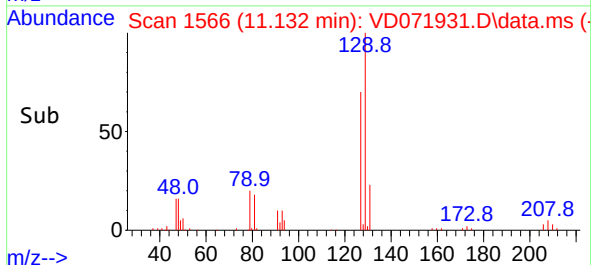
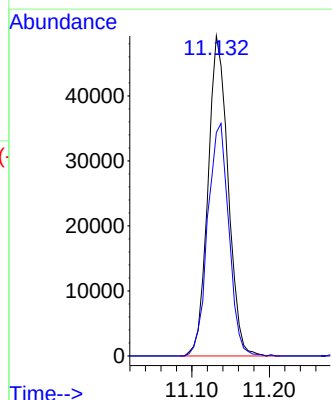
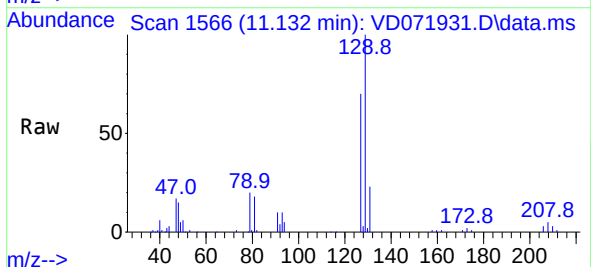
Instrument :  
MSVOA\_D  
ClientSampleId :

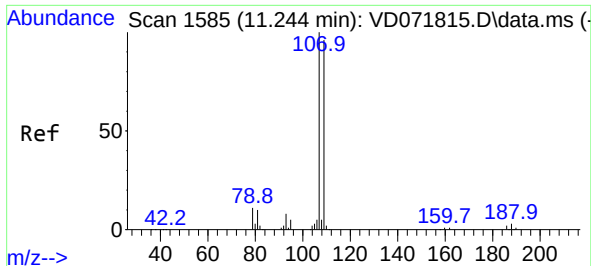
Tgt Ion: 43 Resp: 217232  
Ion Ratio Lower Upper  
43 100  
58 48.2 25.3 75.9



#60  
Dibromochloromethane  
Concen: 22.586 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:129 Resp: 88751  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.2 117.6

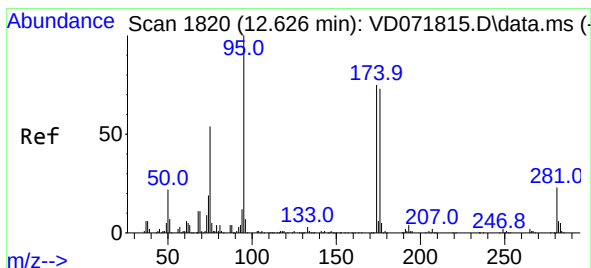
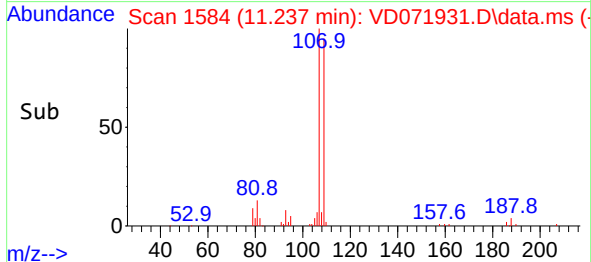
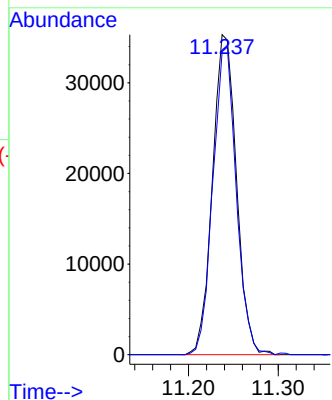
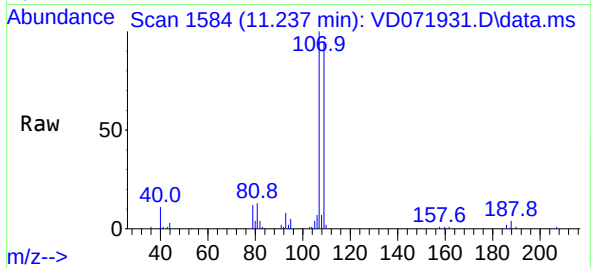




#61  
1,2-Dibromoethane  
Concen: 21.352 ug/l  
RT: 11.237 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

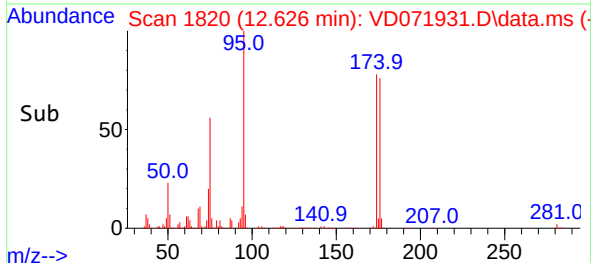
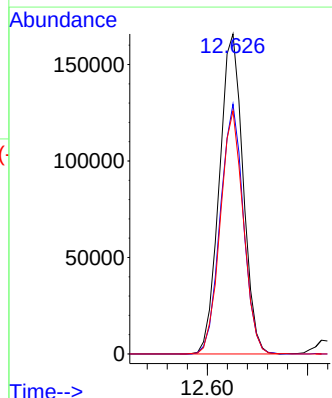
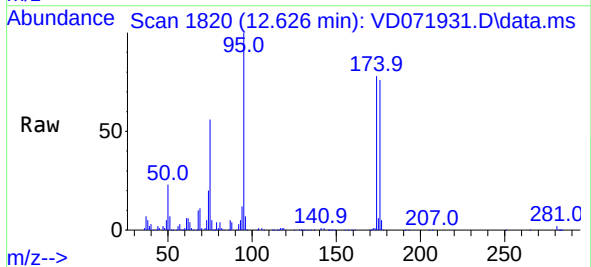
Instrument :  
MSVOA\_D  
ClientSampleId :

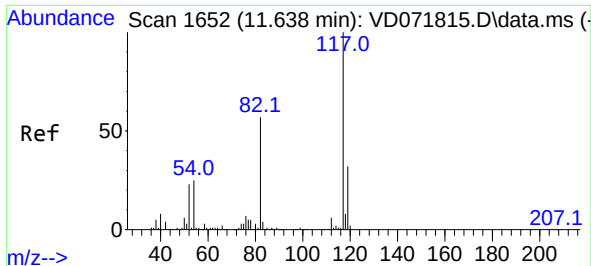
Tgt Ion:107 Resp: 65463  
Ion Ratio Lower Upper  
107 100  
109 93.7 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 54.262 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

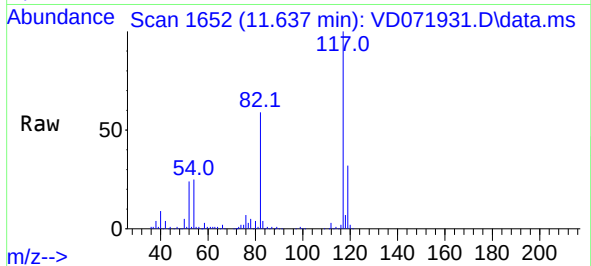
Tgt Ion: 95 Resp: 271262  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 152.8  
176 73.9 0.0 145.4



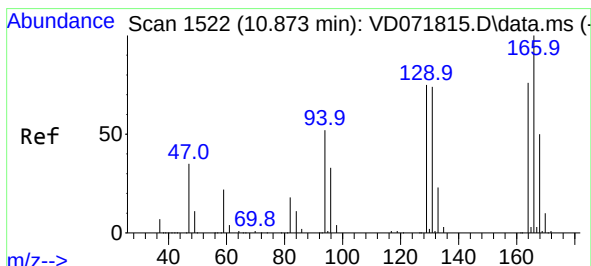
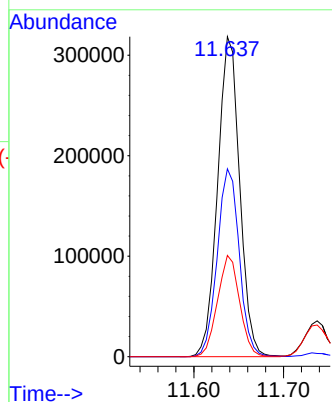
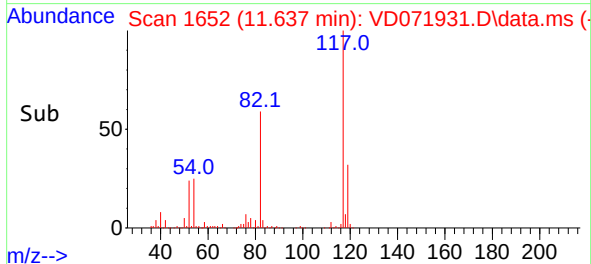


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

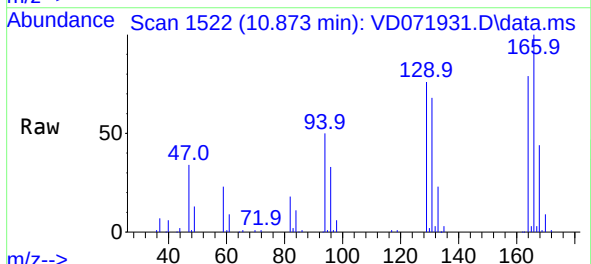
Instrument :  
MSVOA\_D  
ClientSampleId :



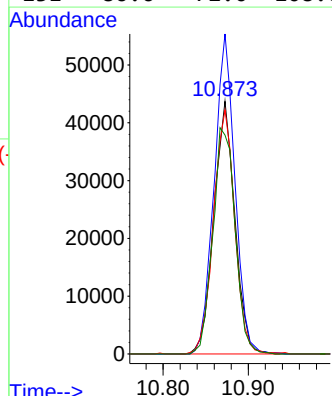
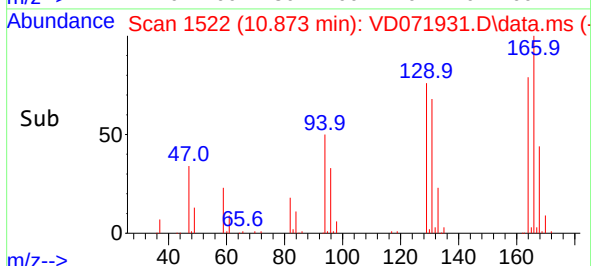
Tgt Ion:117 Resp: 543331  
Ion Ratio Lower Upper  
117 100  
82 58.7 45.3 67.9  
119 31.7 26.6 40.0

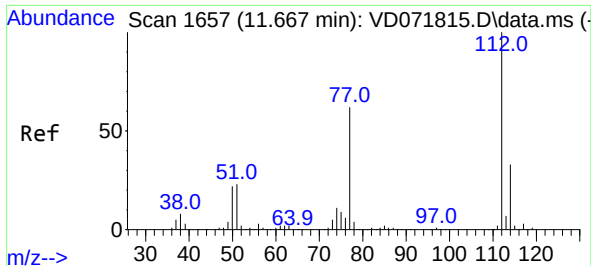


#64  
Tetrachloroethene  
Concen: 19.568 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09



Tgt Ion:164 Resp: 75206  
Ion Ratio Lower Upper  
164 100  
166 126.6 98.5 147.7  
129 96.5 74.6 111.8  
131 86.6 72.0 108.0

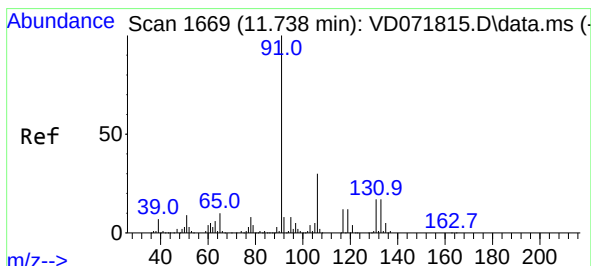
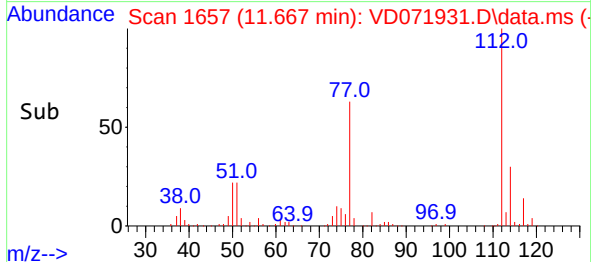
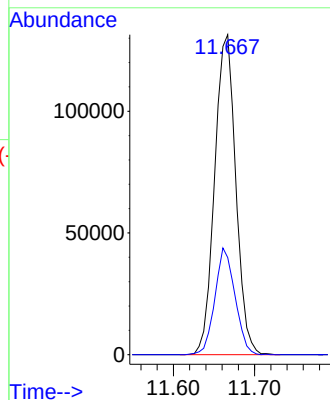
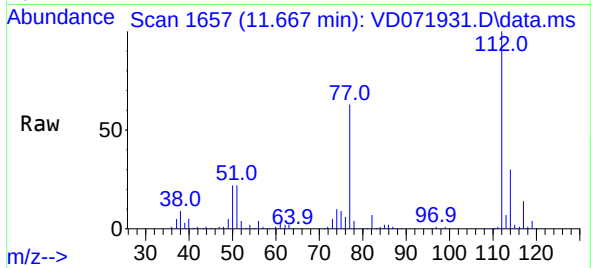




#65  
Chlorobenzene  
Concen: 20.715 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

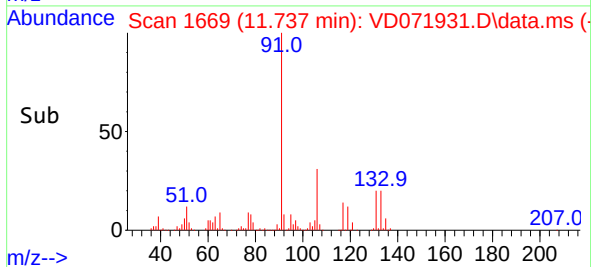
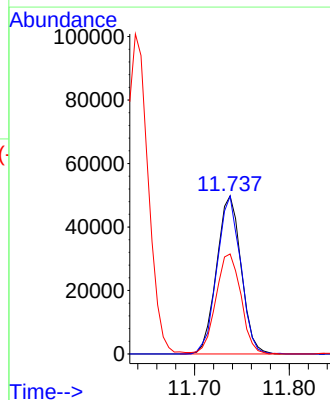
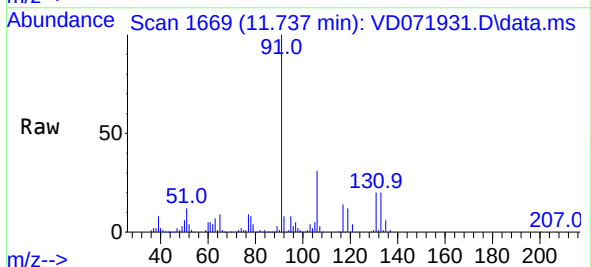
Instrument :  
MSVOA\_D  
ClientSampleId :

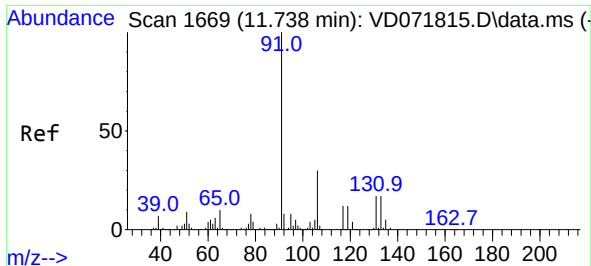
Tgt Ion:112 Resp: 238106  
Ion Ratio Lower Upper  
112 100  
114 30.3 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.416 ug/l  
RT: 11.737 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:131 Resp: 89556  
Ion Ratio Lower Upper  
131 100  
133 96.2 48.1 144.3  
119 64.7 31.9 95.9





#67

Ethyl Benzene

Concen: 20.144 ug/l

RT: 11.737 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

MSVOA\_D

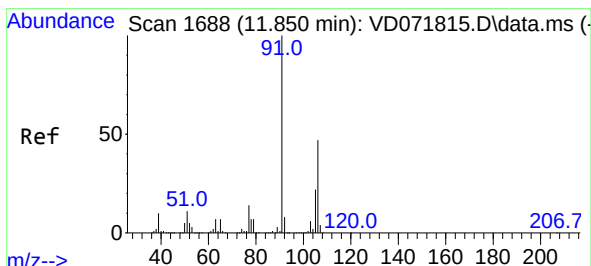
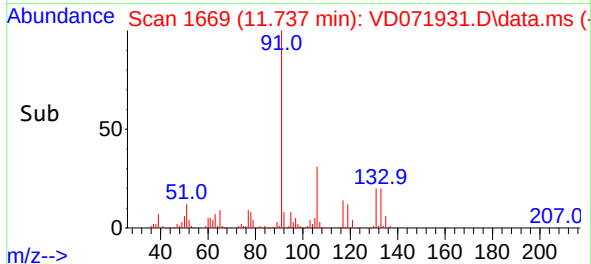
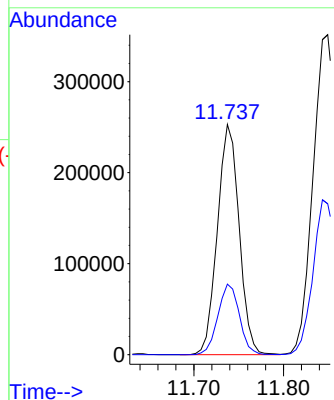
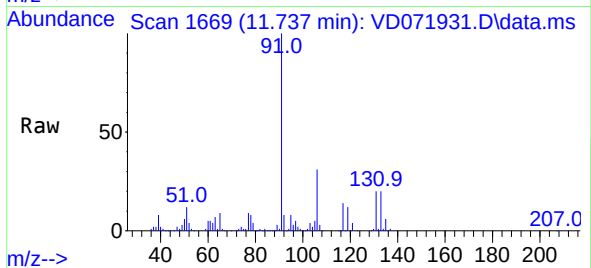
ClientSampleId :

Tgt Ion: 91 Resp: 426052

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.4



#68

m/p-Xylenes

Concen: 40.197 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD071931.D

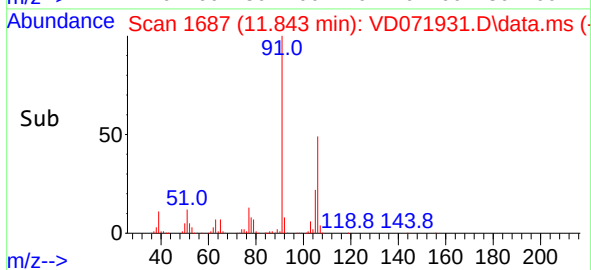
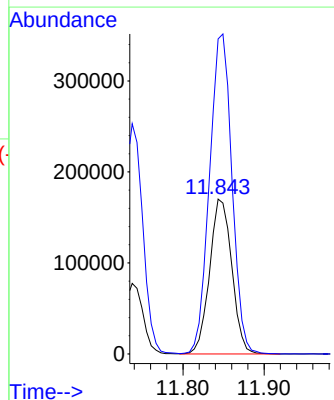
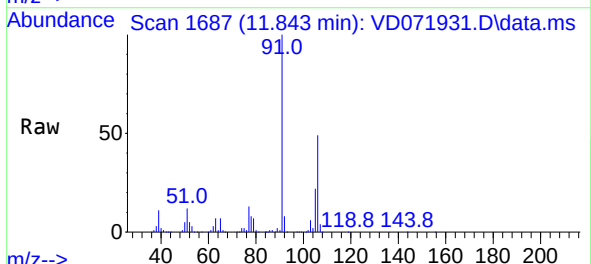
Acq: 11 Feb 2022 11:09

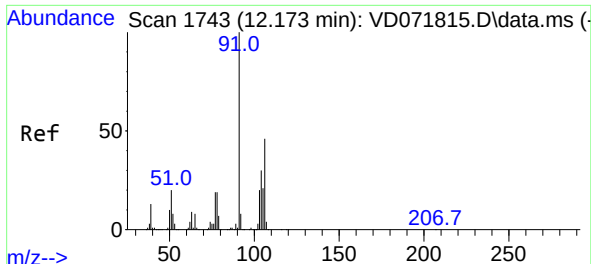
Tgt Ion:106 Resp: 323383

Ion Ratio Lower Upper

106 100

91 208.9 163.7 245.5

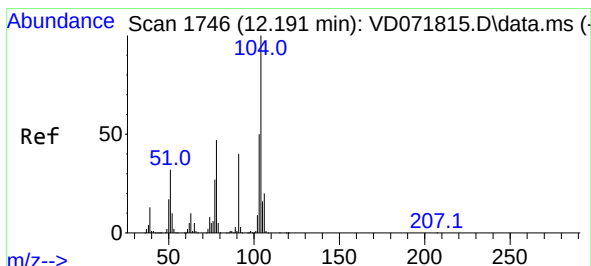
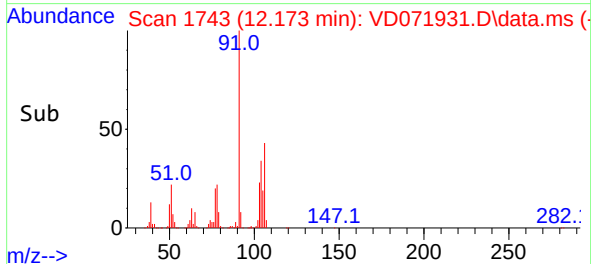
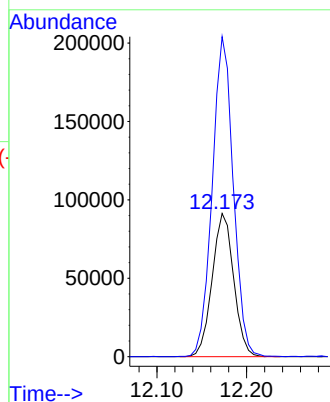
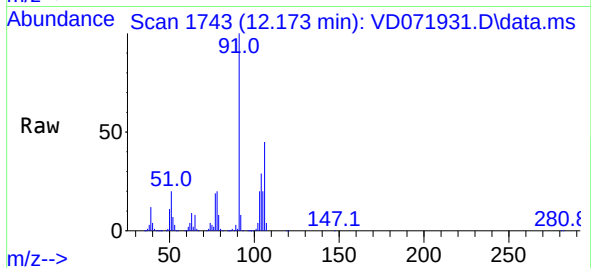




#69  
o-Xylene  
Concen: 20.791 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

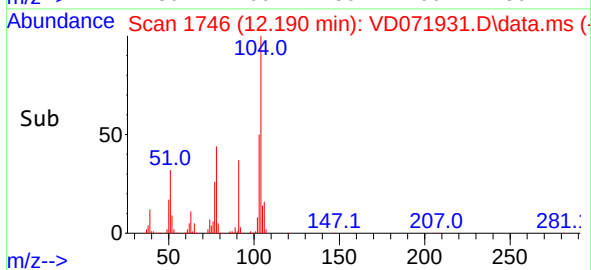
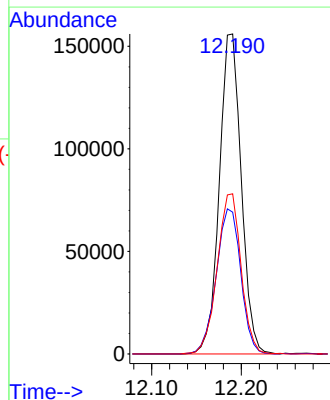
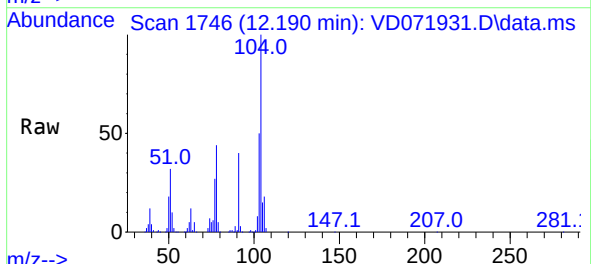
Instrument :  
MSVOA\_D  
ClientSampleId :

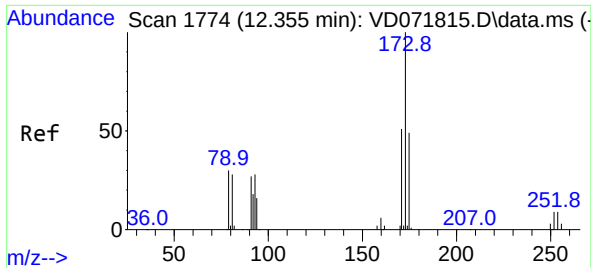
Tgt Ion:106 Resp: 151998  
Ion Ratio Lower Upper  
106 100  
91 218.6 110.4 331.2



#70  
Styrene  
Concen: 21.018 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:104 Resp: 264862  
Ion Ratio Lower Upper  
104 100  
78 50.8 41.8 62.8  
103 54.6 44.2 66.4

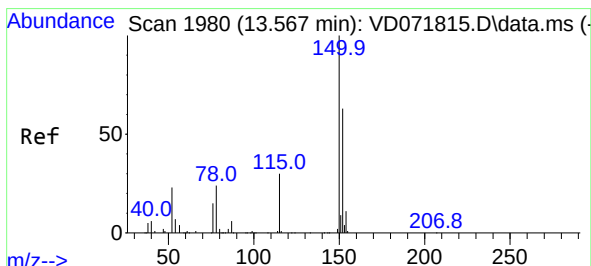
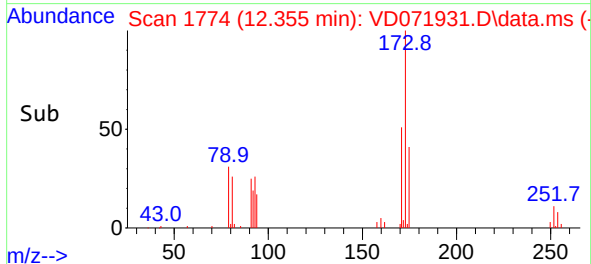
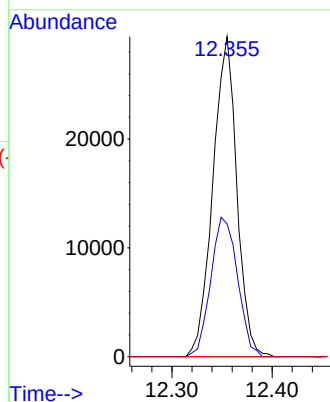
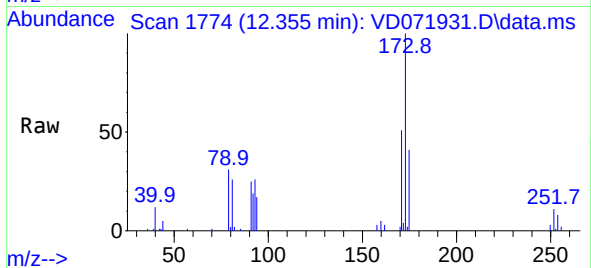




#71  
Bromoform  
Concen: 21.863 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

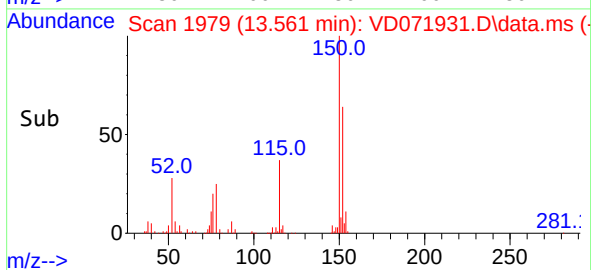
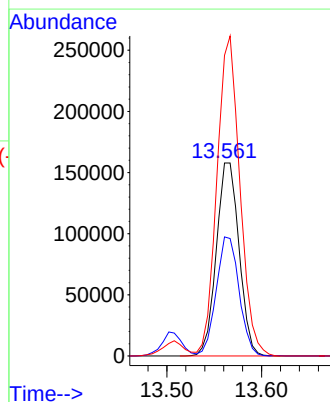
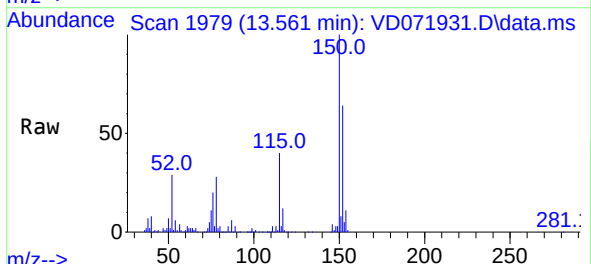
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:173 Resp: 48813  
Ion Ratio Lower Upper  
173 100  
175 48.6 23.9 71.8  
254 0.0 0.0 0.0

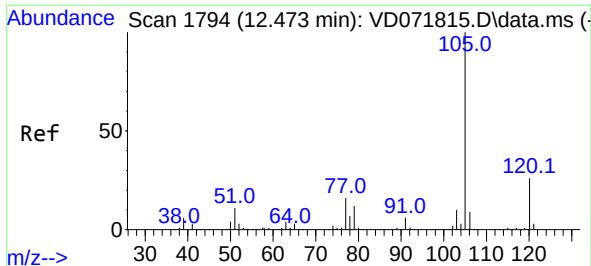


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:152 Resp: 263550  
Ion Ratio Lower Upper  
152 100  
115 61.9 31.3 93.8  
150 167.0 0.0 348.6



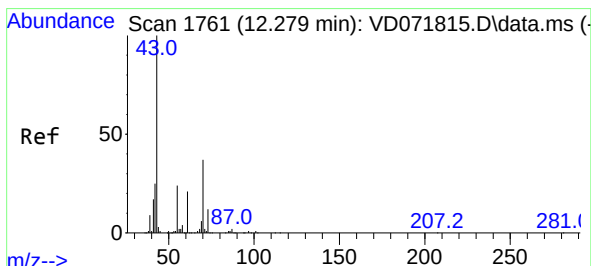
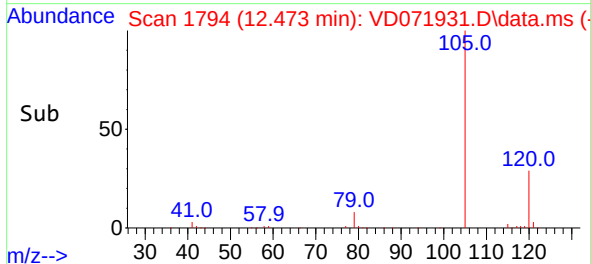
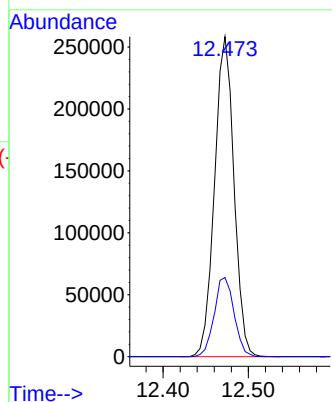
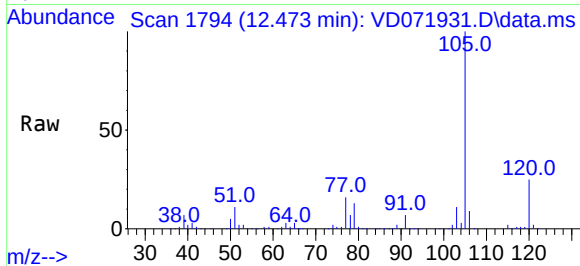




#73  
Isopropylbenzene  
Concen: 19.984 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

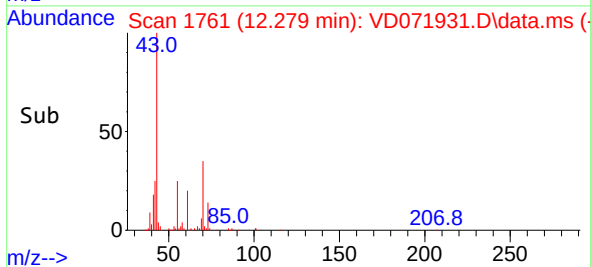
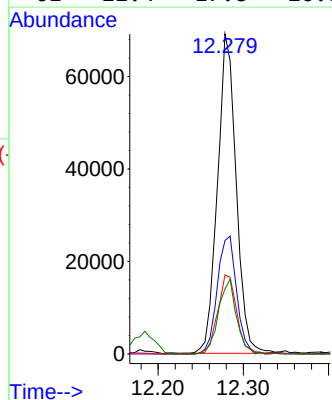
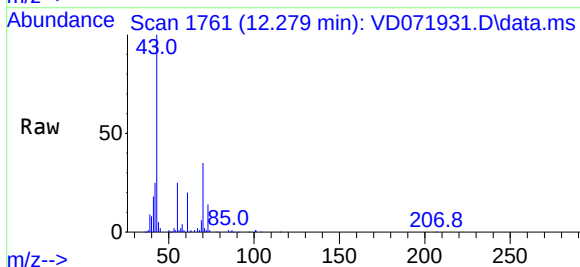
Instrument :  
MSVOA\_D  
ClientSampleId :

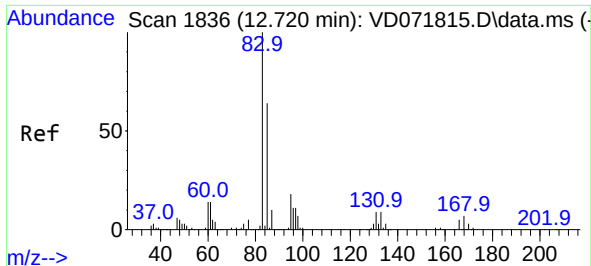
Tgt Ion:105 Resp: 407823  
Ion Ratio Lower Upper  
105 100  
120 25.4 13.0 38.9



#74  
N-ethyl acetate  
Concen: 20.957 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 43 Resp: 105177  
Ion Ratio Lower Upper  
43 100  
70 38.3 31.3 46.9  
55 25.5 20.0 30.0  
61 22.4 17.8 26.8

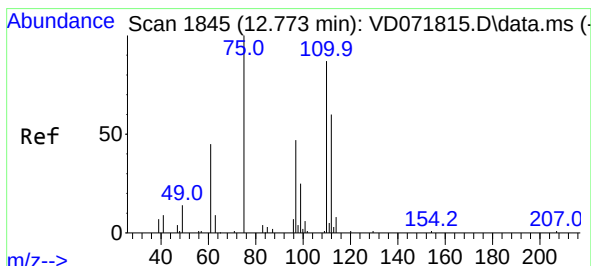
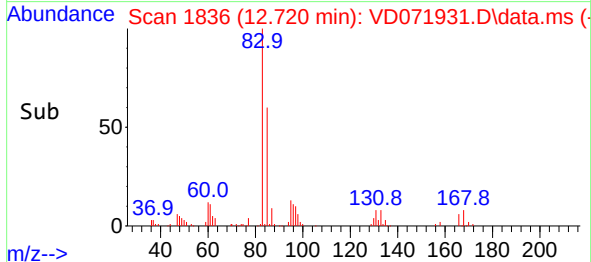
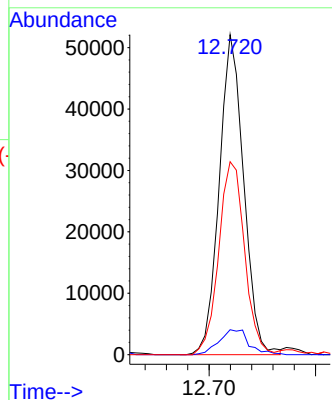
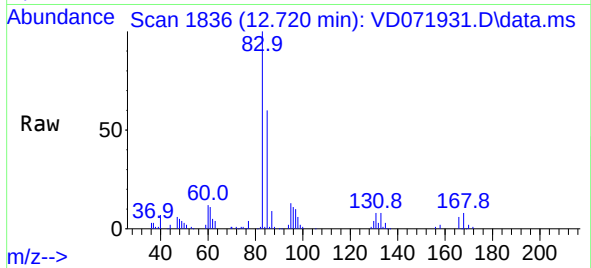




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.989 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

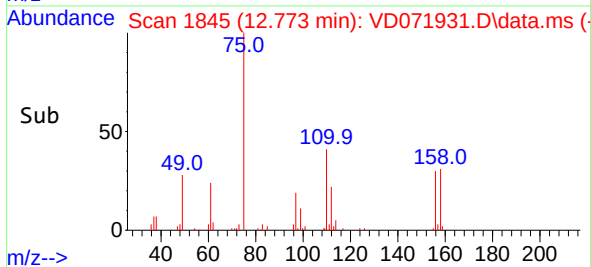
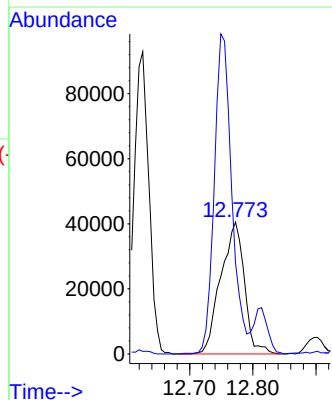
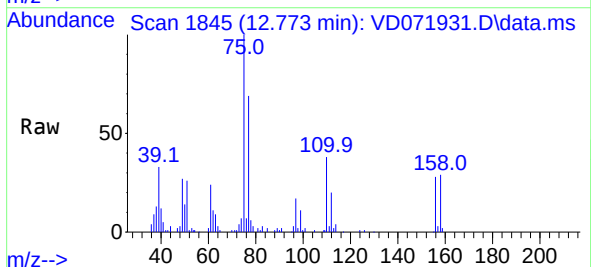
Instrument :  
MSVOA\_D  
ClientSampleId :

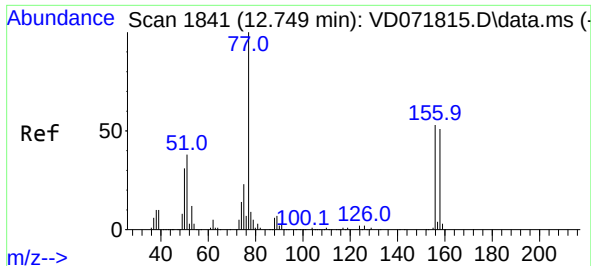
Tgt Ion: 83 Resp: 83045  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.0 14.9  
85 63.7 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 38.055 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 75 Resp: 105696  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

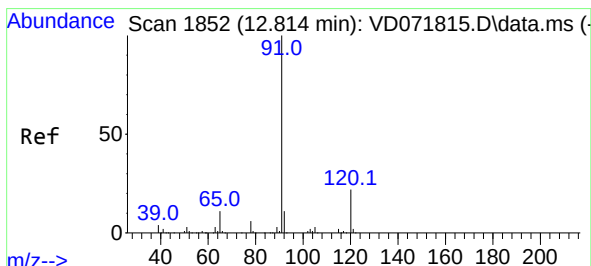
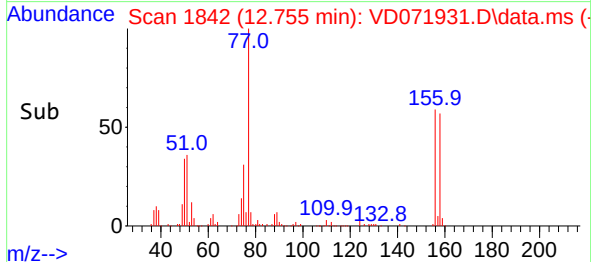
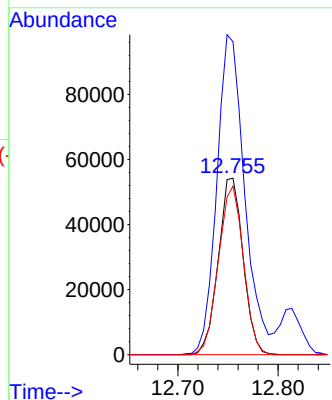
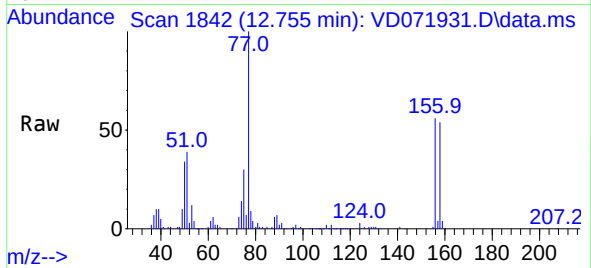




#77  
Bromobenzene  
Concen: 20.527 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

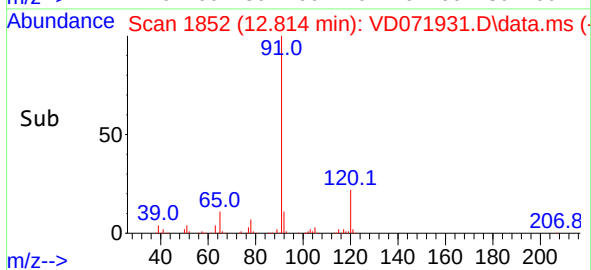
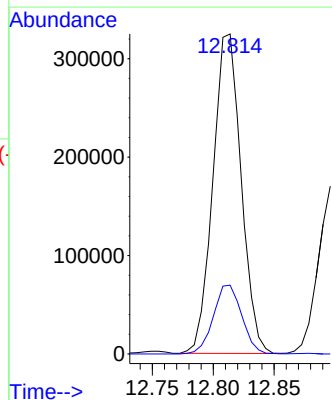
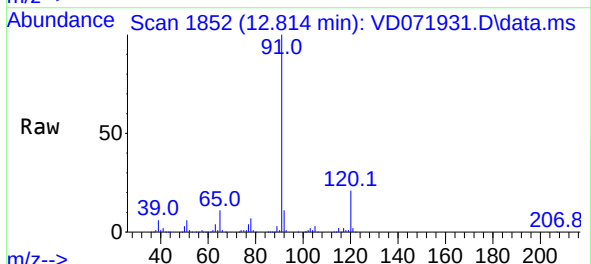
Instrument :  
MSVOA\_D  
ClientSampleId :

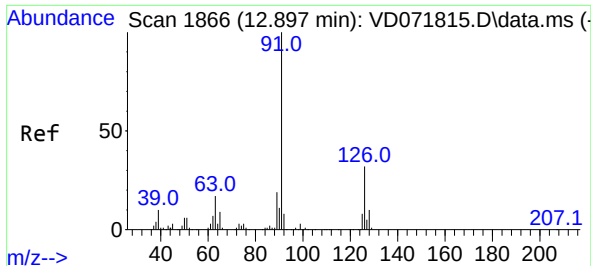
Tgt Ion:156 Resp: 93185  
Ion Ratio Lower Upper  
156 100  
77 202.5 102.8 308.3  
158 96.5 48.7 146.1



#78  
n-propylbenzene  
Concen: 20.444 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 91 Resp: 523154  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.9

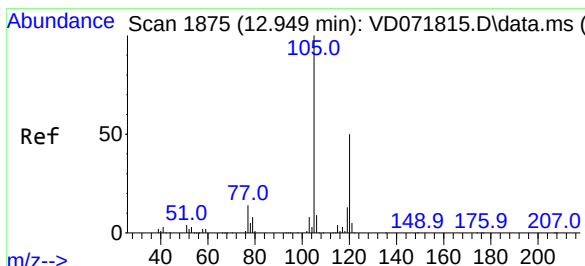
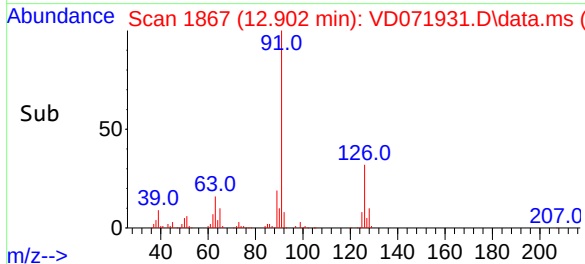
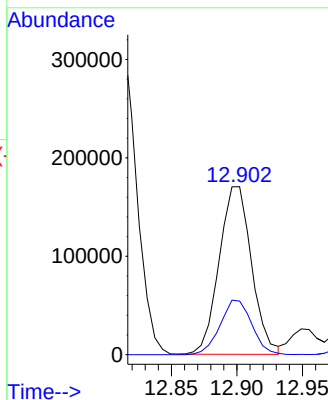
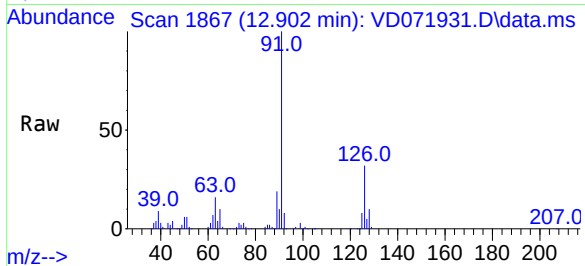




#79  
2-Chlorotoluene  
Concen: 20.260 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

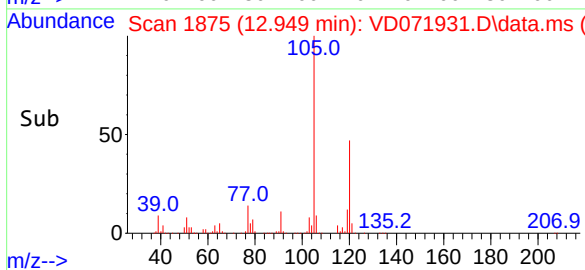
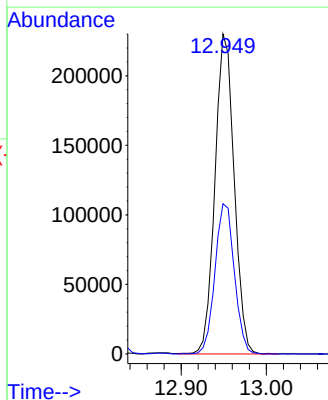
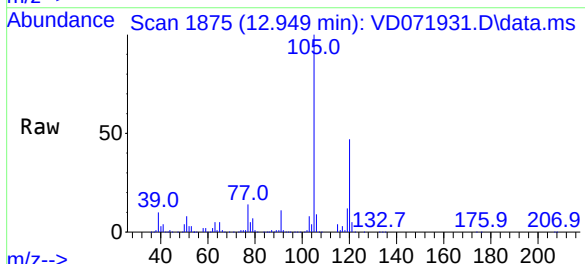
Instrument :  
MSVOA\_D  
ClientSampleId :

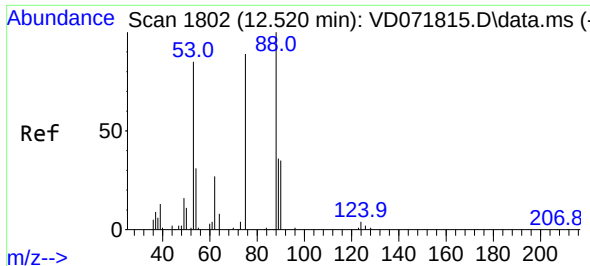
Tgt Ion: 91 Resp: 293802  
Ion Ratio Lower Upper  
91 100  
126 31.7 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 21.269 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:105 Resp: 360028  
Ion Ratio Lower Upper  
105 100  
120 47.4 24.3 72.8

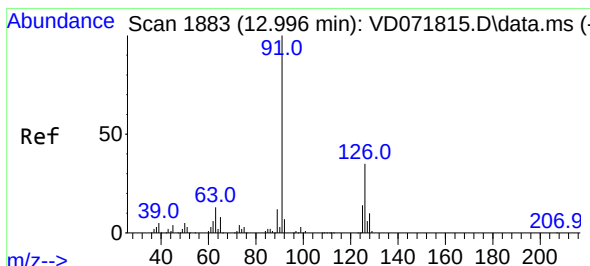
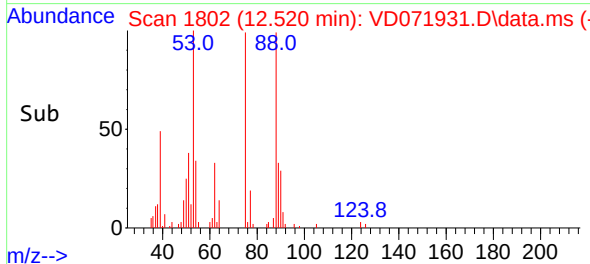
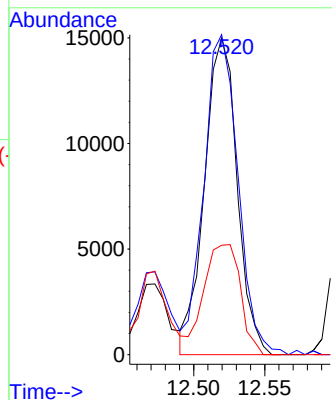
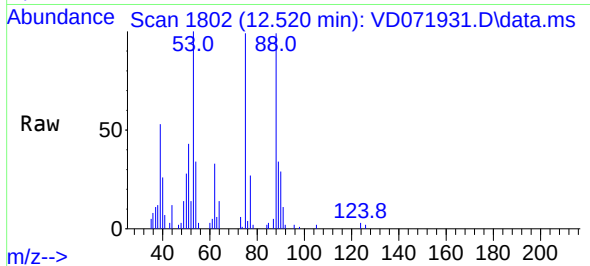




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.211 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

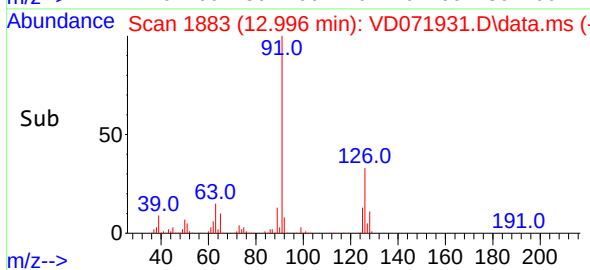
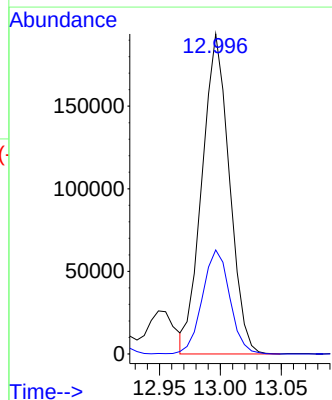
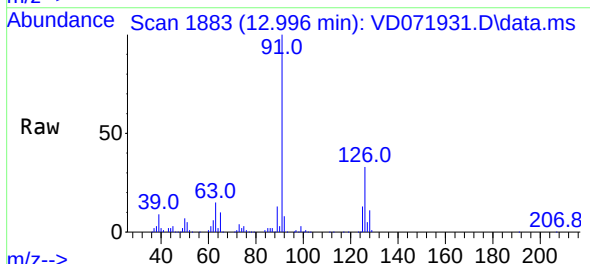
Instrument :  
MSVOA\_D  
ClientSampleId :

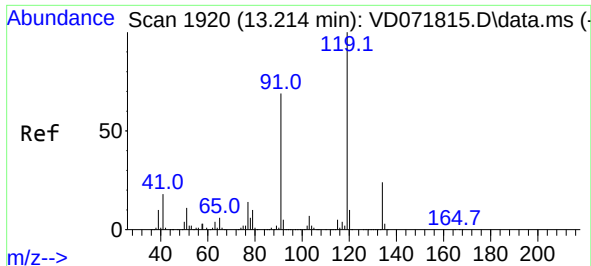
Tgt Ion: 75 Resp: 23960  
Ion Ratio Lower Upper  
75 100  
53 105.3 86.5 129.7  
89 38.2 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 20.107 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

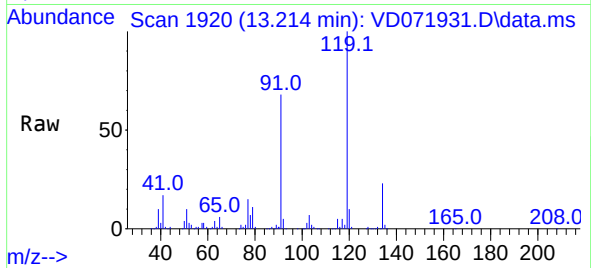
Tgt Ion: 91 Resp: 303361  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.5 49.5



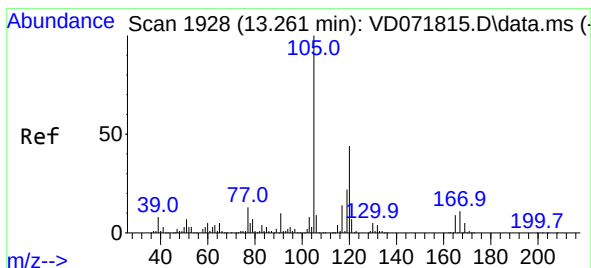
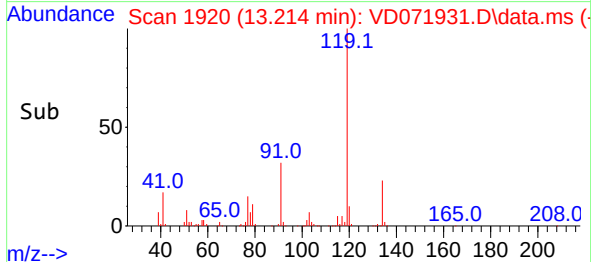
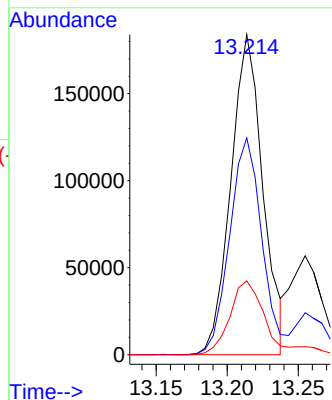


#83  
tert-Butylbenzene  
Concen: 20.608 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

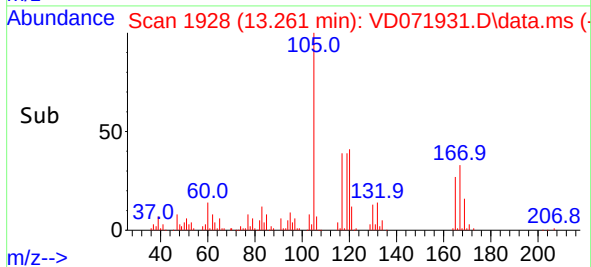
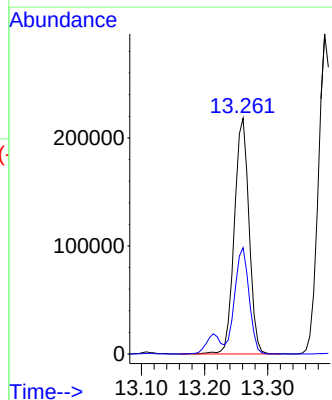
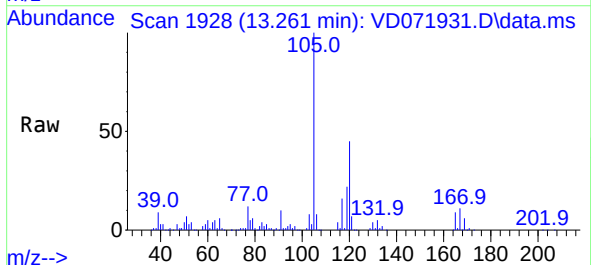


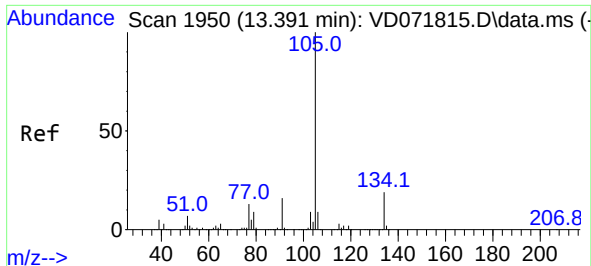
Tgt Ion:119 Resp: 289105  
Ion Ratio Lower Upper  
119 100  
91 68.9 34.8 104.5  
134 26.3 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.129 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:105 Resp: 351823  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.3 66.8

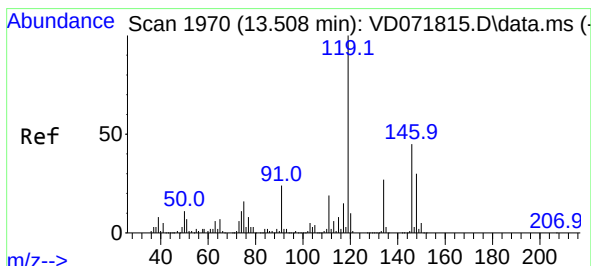
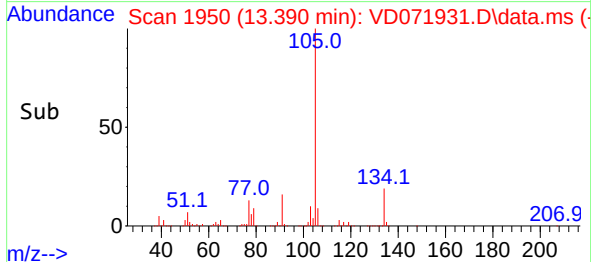
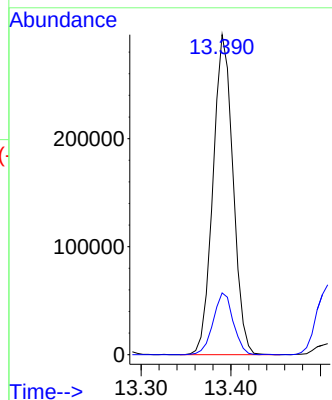
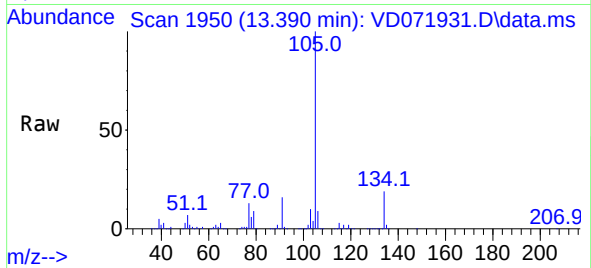




#85  
 sec-Butylbenzene  
 Concen: 20.914 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD071931.D  
 Acq: 11 Feb 2022 11:09

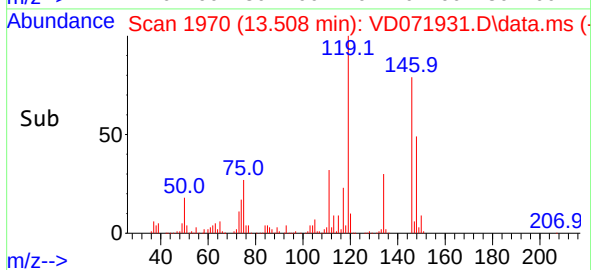
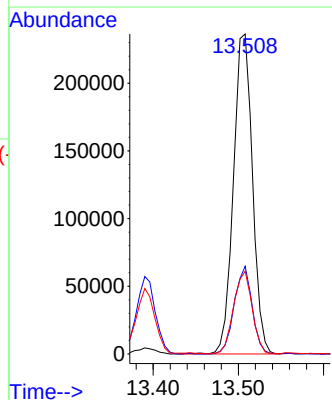
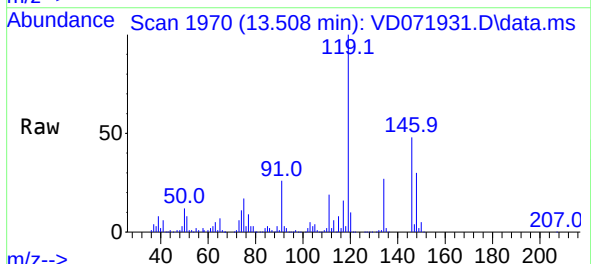
Instrument :  
 MSVOA\_D  
 ClientSampleId :

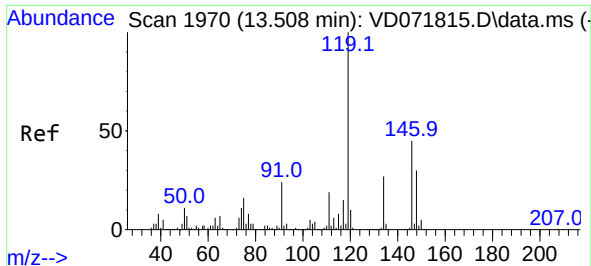
Tgt Ion:105 Resp: 459064  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 20.589 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.006 min  
 Lab File: VD071931.D  
 Acq: 11 Feb 2022 11:09

Tgt Ion:119 Resp: 367247  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.9 38.6  
 91 25.1 12.1 36.3

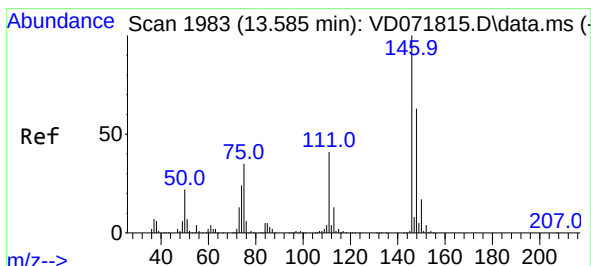
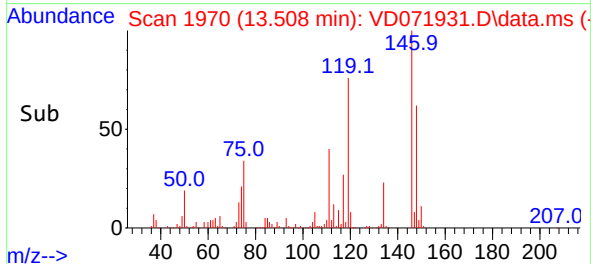
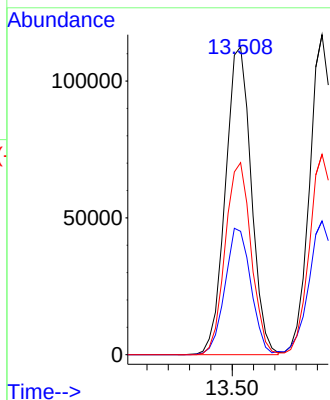
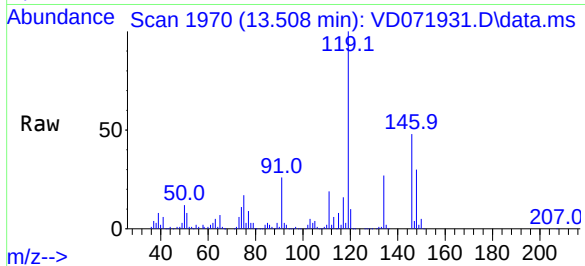




#87  
1,3-Dichlorobenzene  
Concen: 20.575 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

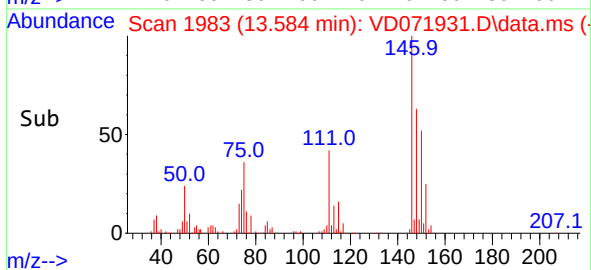
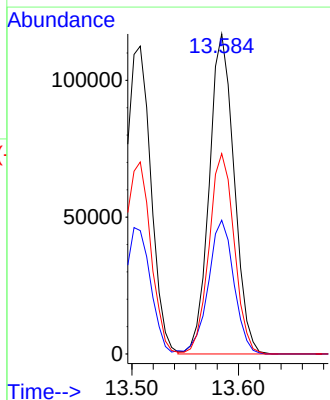
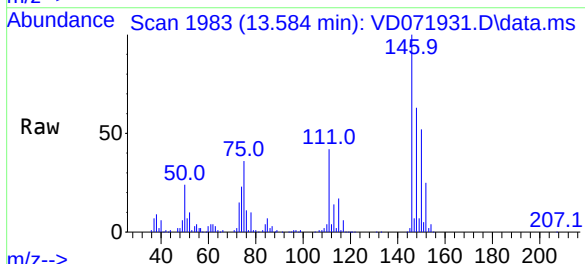
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:146 Resp: 189669  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.4 61.3  
148 62.7 31.9 95.7

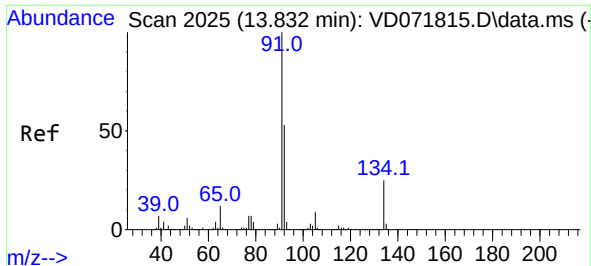


#88  
1,4-Dichlorobenzene  
Concen: 20.640 ug/l  
RT: 13.584 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:146 Resp: 189887  
Ion Ratio Lower Upper  
146 100  
111 42.7 20.3 60.9  
148 63.2 31.7 95.1

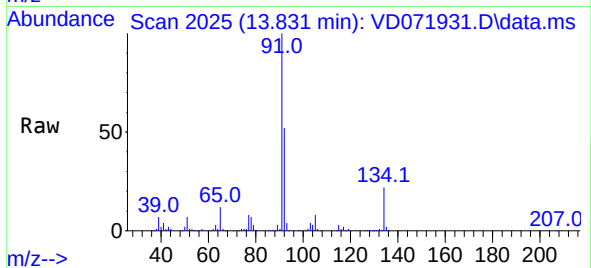




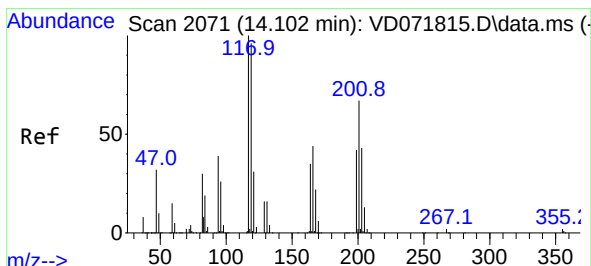
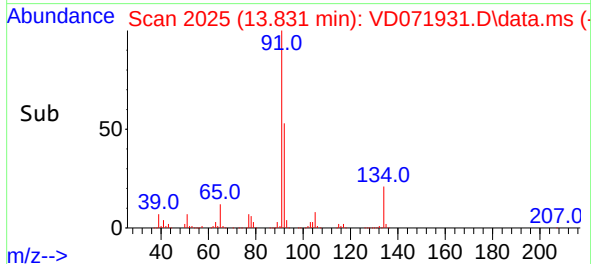
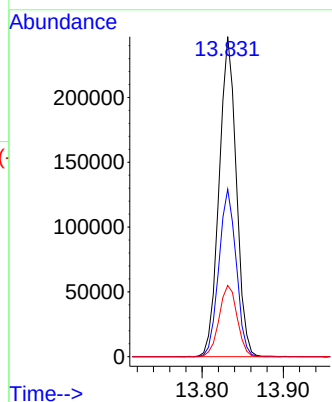


#89  
n-Butylbenzene  
Concen: 20.836 ug/l  
RT: 13.831 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

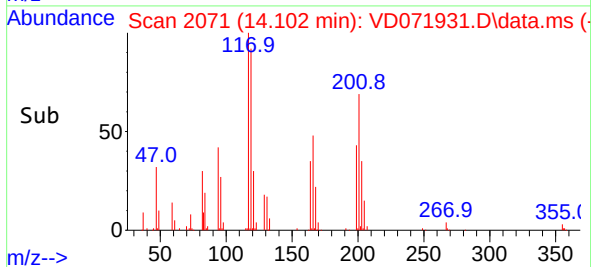
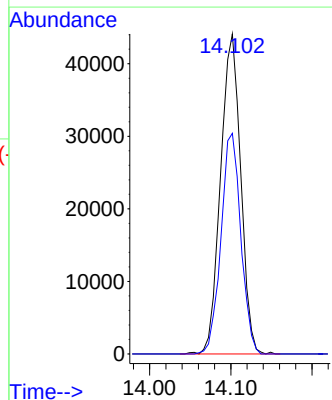
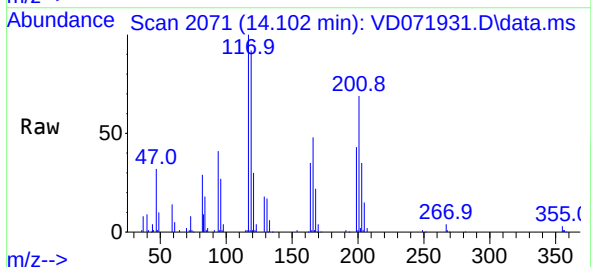


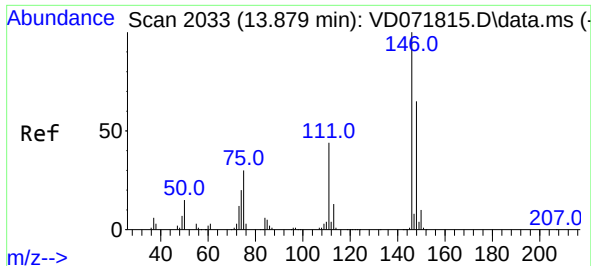
Tgt Ion: 91 Resp: 364643  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.6 79.8  
134 23.3 12.3 36.9



#90  
Hexachloroethane  
Concen: 21.425 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion: 117 Resp: 75964  
Ion Ratio Lower Upper  
117 100  
201 67.9 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 21.029 ug/l

RT: 13.878 min Scan# 2033

Delta R.T. -0.000 min

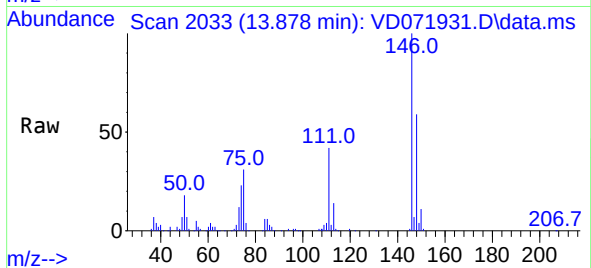
Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Instrument :

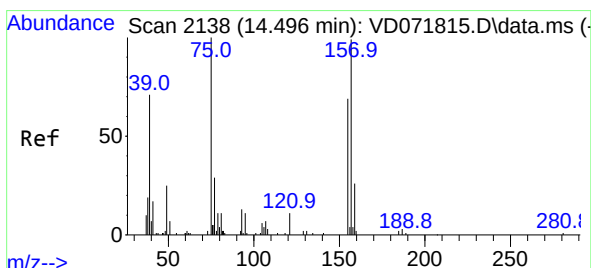
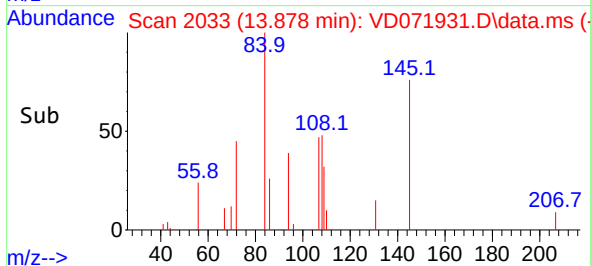
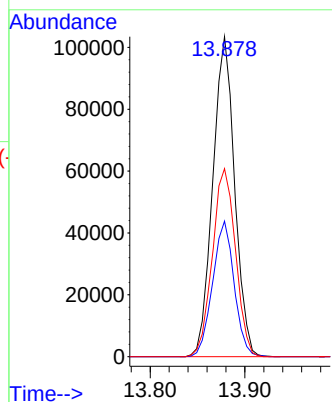
MSVOA\_D

ClientSampleId :



Tgt Ion:146 Resp: 165894

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.8  | 21.1  | 63.3  |
| 148 | 62.1  | 31.7  | 95.1  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.069 ug/l

RT: 14.496 min Scan# 2138

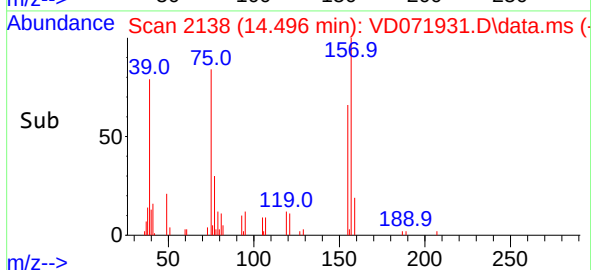
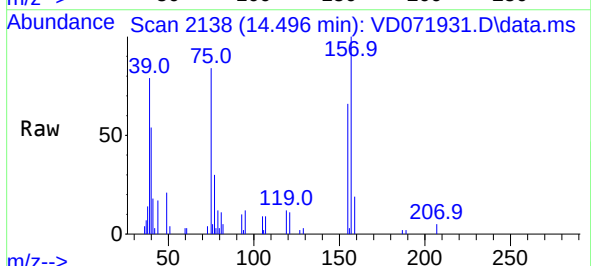
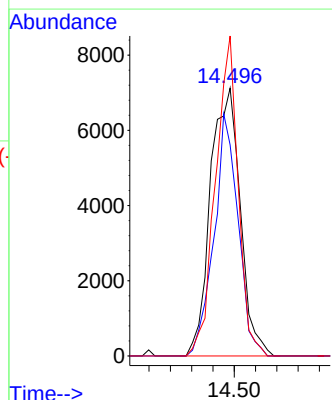
Delta R.T. 0.006 min

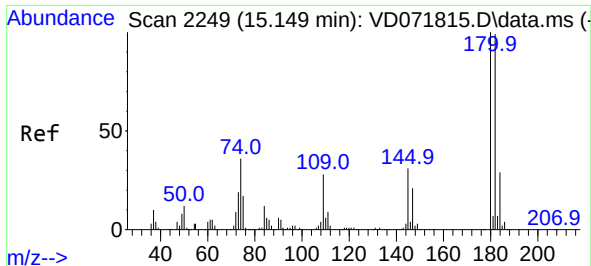
Lab File: VD071931.D

Acq: 11 Feb 2022 11:09

Tgt Ion: 75 Resp: 13803

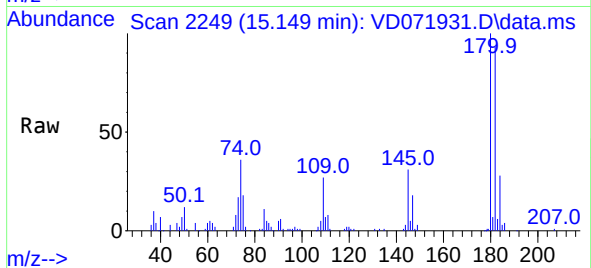
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 73.2  | 36.8  | 110.3 |
| 157 | 91.1  | 48.4  | 145.0 |



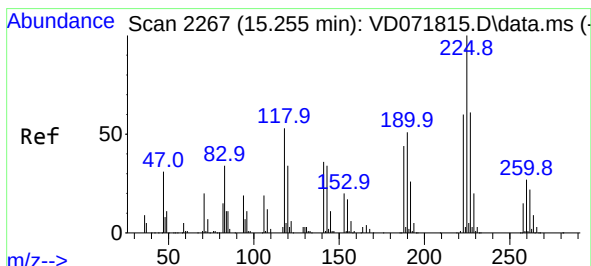
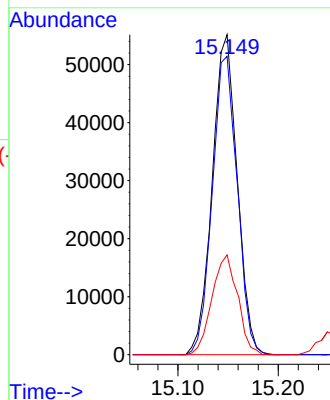
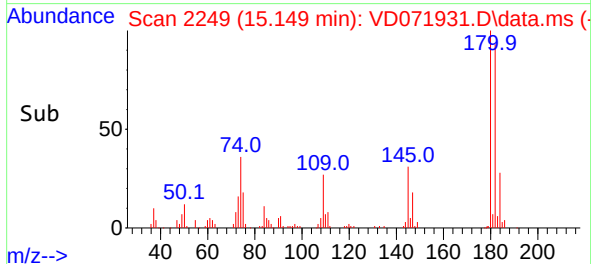


#93  
1,2,4-Trichlorobenzene  
Concen: 20.658 ug/l  
RT: 15.149 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

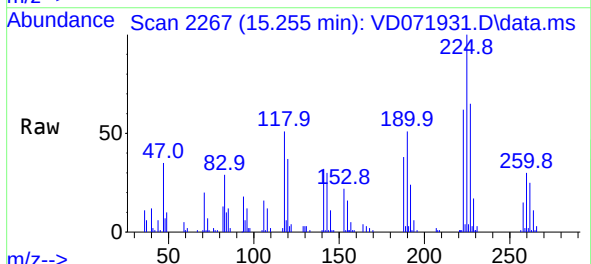
Instrument :  
MSVOA\_D  
ClientSampleId :



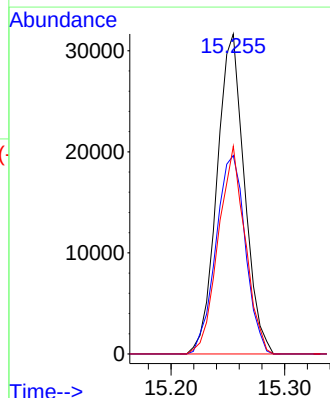
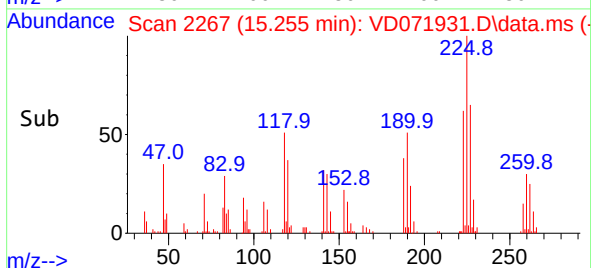
Tgt Ion:180 Resp: 95200  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.3 142.0  
145 32.1 16.2 48.5

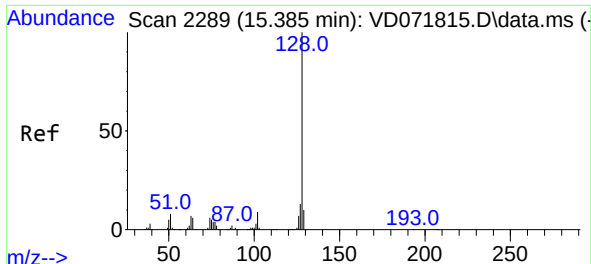


#94  
Hexachlorobutadiene  
Concen: 21.162 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.006 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09



Tgt Ion:225 Resp: 53175  
Ion Ratio Lower Upper  
225 100  
223 66.6 31.1 93.2  
227 63.6 32.4 97.0

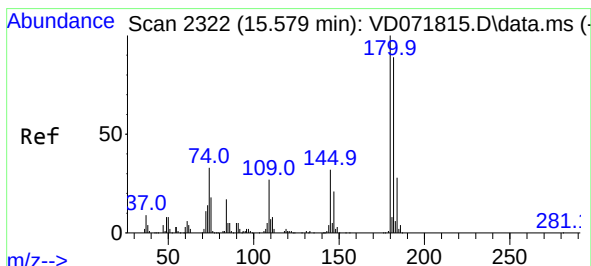
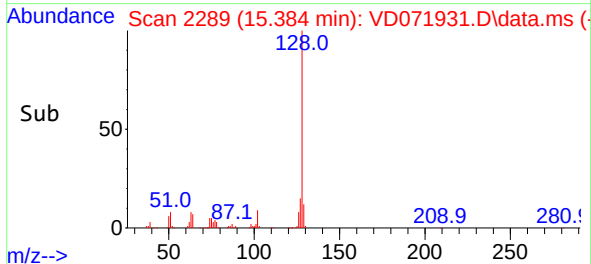
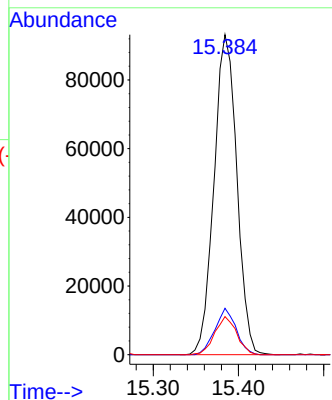
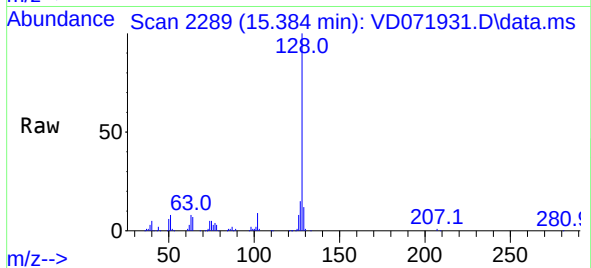




#95  
Naphthalene  
Concen: 19.828 ug/l  
RT: 15.384 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 173256  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.3 15.5  
129 11.5 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 21.317 ug/l  
RT: 15.578 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD071931.D  
Acq: 11 Feb 2022 11:09

Tgt Ion:180 Resp: 84202  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.6 142.9  
145 34.7 17.1 51.3

