

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021422\  
 Data File : VD071950.D  
 Acq On : 14 Feb 2022 11:56  
 Operator : VA/SY  
 Sample : VD0214SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0214SBS01

Quant Time: Feb 15 00:33:52 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  | 342790   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 569944   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 527033   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 264269   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 214817   | 49.581   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.160%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 201752   | 53.852   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 107.700% |
| 50) Toluene-d8              | 10.338 | 98    | 718238   | 51.334   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 102.660% |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 252746   | 51.728   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 103.460% |

|                              |       |     |        |           |           |
|------------------------------|-------|-----|--------|-----------|-----------|
| Target Compounds             |       |     |        |           | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 82472  | 20.288    | ug/l 97   |
| 3) Chloromethane             | 2.215 | 50  | 84221  | 17.305    | ug/l 97   |
| 4) Vinyl Chloride            | 2.356 | 62  | 91946  | 18.046    | ug/l 98   |
| 5) Bromomethane              | 2.762 | 94  | 63614  | 18.922    | ug/l 95   |
| 6) Chloroethane              | 2.926 | 64  | 60179  | 18.637    | ug/l 99   |
| 7) Trichlorofluoromethane    | 3.279 | 101 | 138596 | 18.981    | ug/l 95   |
| 8) Diethyl Ether             | 3.709 | 74  | 34867  | 18.097    | ug/l 97   |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 82174  | 19.947    | ug/l 99   |
| 10) Methyl Iodide            | 4.309 | 142 | 69697  | 16.503    | ug/l 97   |
| 11) Tert butyl alcohol       | 5.215 | 59  | 10607  | Below Cal | # 93      |
| 12) 1,1-Dichloroethene       | 4.079 | 96  | 70919  | 18.831    | ug/l 95   |
| 13) Acrolein                 | 3.921 | 56  | 39186  | 101.827   | ug/l 99   |
| 14) Allyl chloride           | 4.715 | 41  | 134506 | 18.737    | ug/l 99   |
| 15) Acrylonitrile            | 5.426 | 53  | 94184  | 96.182    | ug/l 98   |
| 16) Acetone                  | 4.156 | 43  | 93404  | 78.753    | ug/l 96   |
| 17) Carbon Disulfide         | 4.421 | 76  | 192742 | 14.678    | ug/l 98   |
| 18) Methyl Acetate           | 4.721 | 43  | 47921  | 18.688    | ug/l 93   |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 168760 | 18.732    | ug/l 99   |
| 20) Methylene Chloride       | 4.973 | 84  | 86070  | 17.447    | ug/l # 95 |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 81027  | 18.482    | ug/l 92   |
| 22) Diisopropyl ether        | 6.367 | 45  | 283350 | 20.139    | ug/l 96   |
| 23) Vinyl Acetate            | 6.309 | 43  | 711576 | 91.679    | ug/l 98   |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 171037 | 20.856    | ug/l 98   |
| 25) 2-Butanone               | 7.214 | 43  | 123929 | 89.632    | ug/l # 89 |
| 26) 2,2-Dichloropropane      | 7.209 | 77  | 140433 | 20.694    | ug/l 98   |
| 27) cis-1,2-Dichloroethene   | 7.209 | 96  | 91463  | 19.424    | ug/l 99   |
| 28) Bromochloromethane       | 7.544 | 49  | 50960  | 16.475    | ug/l 100  |
| 29) Tetrahydrofuran          | 7.556 | 42  | 73338  | 89.645    | ug/l 98   |
| 30) Chloroform               | 7.709 | 83  | 169925 | 20.282    | ug/l 96   |
| 31) Cyclohexane              | 7.991 | 56  | 141255 | 17.077    | ug/l 97   |
| 32) 1,1,1-Trichloroethane    | 7.903 | 97  | 147815 | 20.003    | ug/l 98   |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 124973 | 19.436    | ug/l 99   |
| 37) Ethyl Acetate            | 7.297 | 43  | 53074  | 17.753    | ug/l 98   |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 125136 | 19.679    | ug/l 96   |
| 39) Methylcyclohexane        | 9.356 | 83  | 133439 | 17.910    | ug/l 96   |
| 40) Benzene                  | 8.356 | 78  | 344684 | 19.858    | ug/l 100  |

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 Operator : VA/SY  
 Sample : VD0214SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0214SBS01

Quant Time: Feb 15 00:33:52 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         | 7.520  | 41   | 34043    | 20.128  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 108517   | 19.799  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.450  | 43   | 102603   | 19.095  | ug/l   | 97       |
| 44) Trichloroethene           | 9.108  | 130  | 84895    | 18.943  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 92130    | 20.585  | ug/l   | 93       |
| 46) Dibromomethane            | 9.473  | 93   | 45862    | 19.571  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.656  | 83   | 129280   | 20.860  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.456  | 41   | 46829    | 16.468  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 10057    | 375.995 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 270534   | 96.214  | ug/l   | 99       |
| 52) Toluene                   | 10.403 | 92   | 211192   | 19.567  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 112548   | 19.772  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 132325   | 19.832  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 66156    | 21.271  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 70985    | 18.434  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 109289   | 19.683  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 177193   | 97.749  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.979 | 43   | 182050   | 89.204  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.132 | 129  | 78635    | 20.475  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 56729    | 18.932  | ug/l   | 93       |
| 64) Tetrachloroethene         | 10.873 | 164  | 70018    | 18.782  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.667 | 112  | 226932   | 20.353  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 86135    | 21.235  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 401929   | 19.591  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.850 | 106  | 304971   | 39.081  | ug/l   | 97       |
| 69) o-Xylene                  | 12.173 | 106  | 138508   | 19.531  | ug/l   | 100      |
| 70) Styrene                   | 12.191 | 104  | 248241   | 20.309  | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 43610    | 20.136  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 385375   | 18.832  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 94351    | 18.748  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 72400    | 19.119  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 94909    | 34.078  | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 85854    | 18.860  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 492347   | 19.188  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.897 | 91   | 276447   | 19.012  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 335887   | 19.789  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 19646    | 17.344  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.997 | 91   | 297033   | 19.634  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 271695   | 19.315  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 333416   | 19.969  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 430573   | 19.562  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 350483   | 19.596  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 178676   | 19.330  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 176254   | 19.106  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.832 | 91   | 347236   | 19.788  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 72041    | 20.263  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 158526   | 20.041  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 11024    | 17.578  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 86746    | 18.772  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 51368    | 20.387  | ug/l   | 99       |
| 95) Naphthalene               | 15.385 | 128  | 148856   | 17.197  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 77504    | 19.568  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021422\  
Data File : VD071950.D  
Acq On : 14 Feb 2022 11:56  
Operator : VA/SY  
Sample : VD0214SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

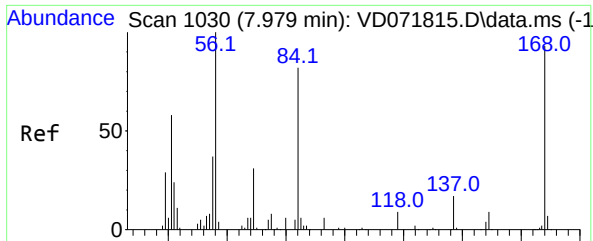
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Quant Time: Feb 15 00:33:52 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

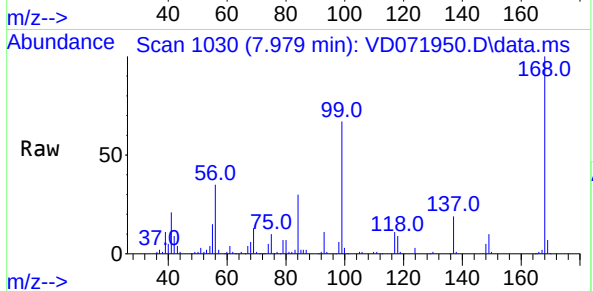
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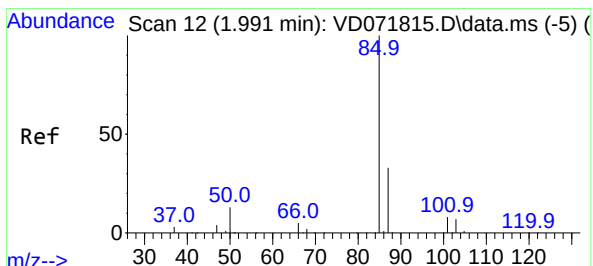
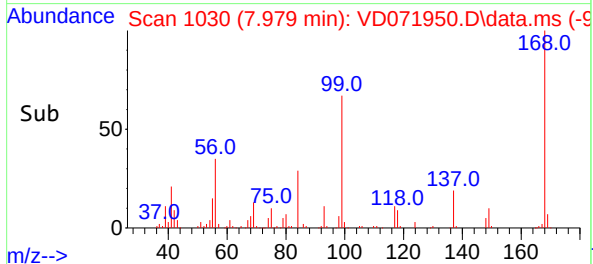
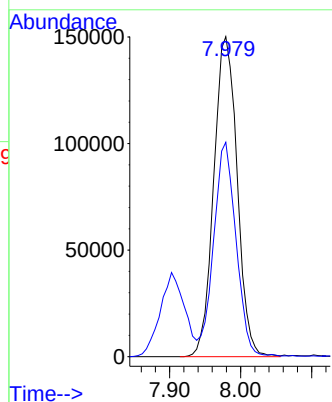


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

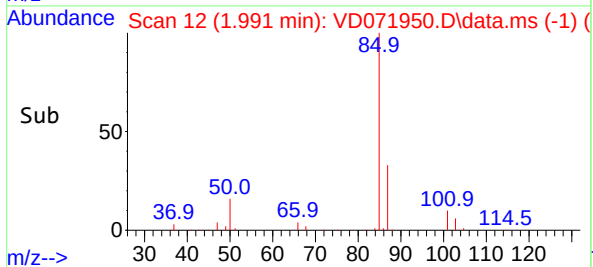
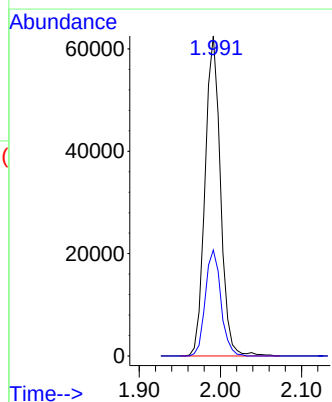
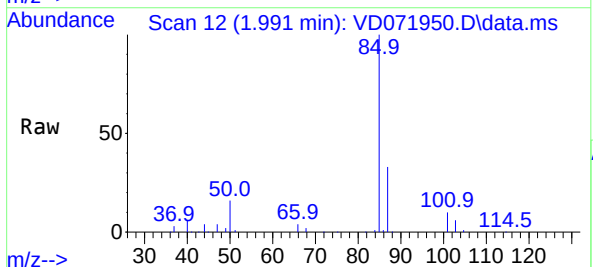


Tgt Ion:168 Resp: 342790  
Ion Ratio Lower Upper  
168 100  
99 66.8 49.8 74.6

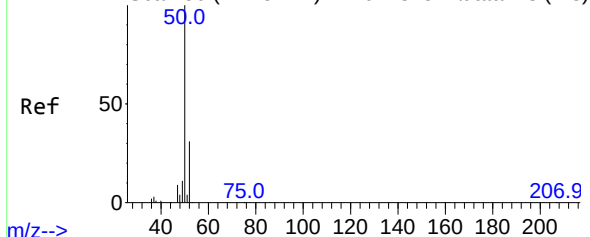


#2  
Dichlorodifluoromethane  
Concen: 20.288 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 85 Resp: 82472  
Ion Ratio Lower Upper  
85 100  
87 33.1 15.7 47.0



Abundance Scan 50 (2.215 min): VD071815.D\data.ms (-43)



#3

Chloromethane

Concen: 17.305 ug/l

RT: 2.215 min Scan# 50

Delta R.T. 0.000 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0214SBSD01

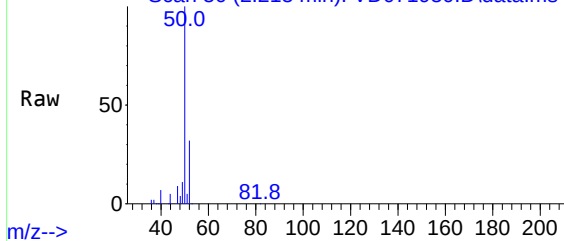
Tgt Ion: 50 Resp: 84221

Ion Ratio Lower Upper

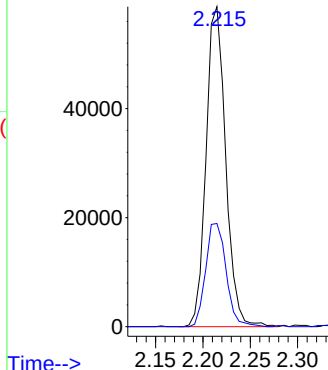
50 100

52 32.2 27.4 41.0

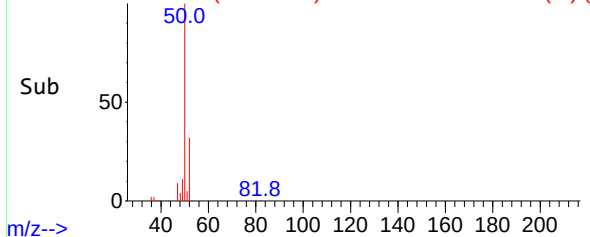
Abundance Scan 50 (2.215 min): VD071950.D\data.ms



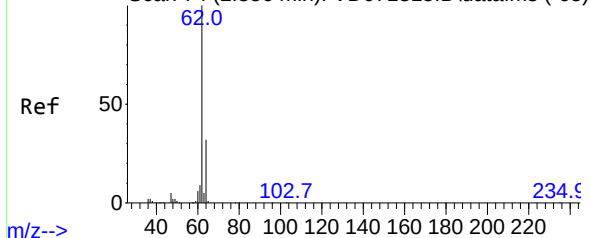
Abundance



Abundance Scan 50 (2.215 min): VD071950.D\data.ms (-1)



Abundance Scan 74 (2.356 min): VD071815.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 18.046 ug/l

RT: 2.356 min Scan# 74

Delta R.T. 0.006 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

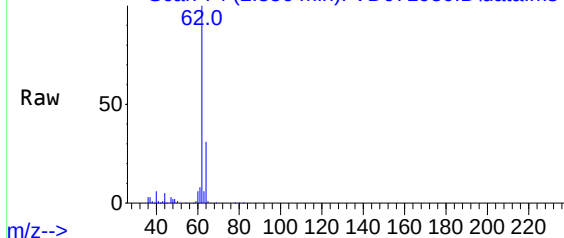
Tgt Ion: 62 Resp: 91946

Ion Ratio Lower Upper

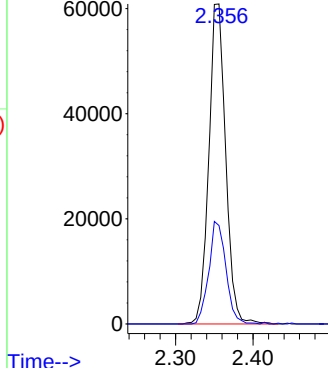
62 100

64 30.7 25.4 38.0

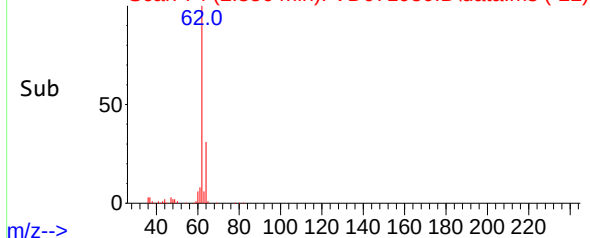
Abundance Scan 74 (2.356 min): VD071950.D\data.ms

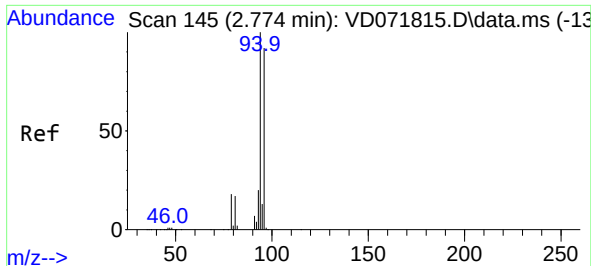


Abundance



Abundance Scan 74 (2.356 min): VD071950.D\data.ms (-22)

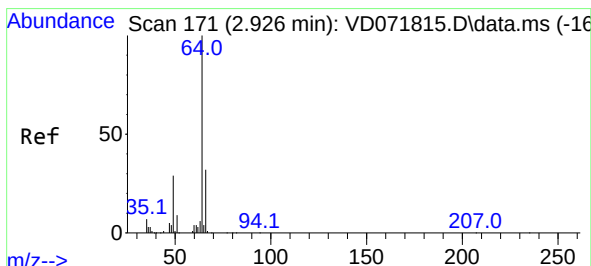
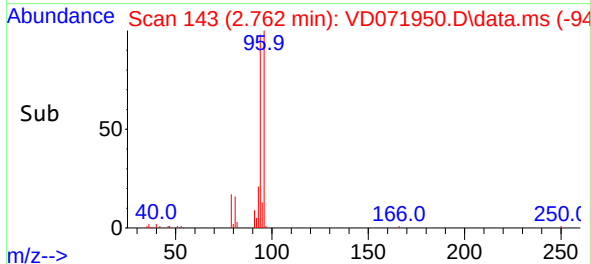
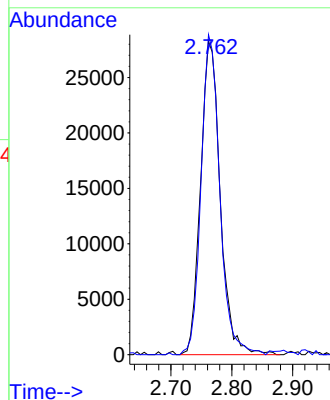
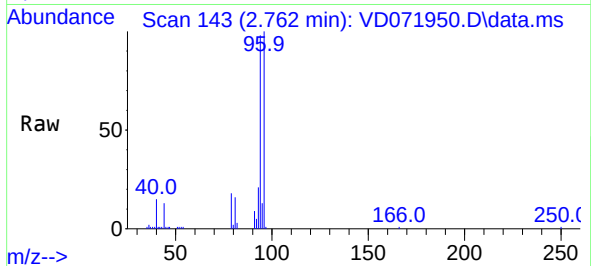




#5  
Bromomethane  
Concen: 18.922 ug/l  
RT: 2.762 min Scan# 145  
Delta R.T. -0.012 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

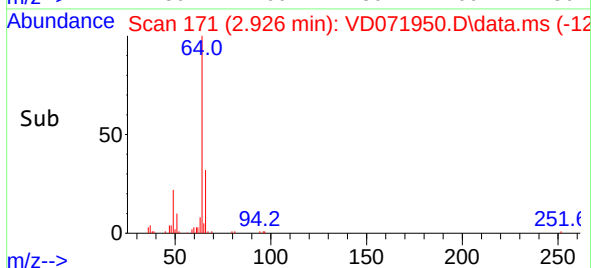
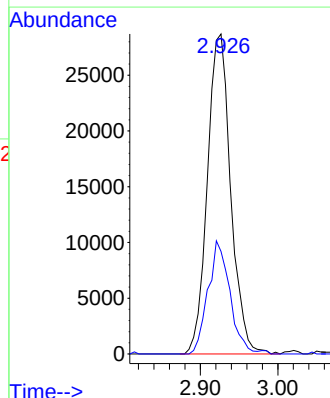
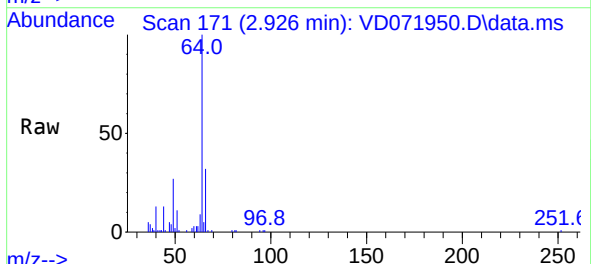
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

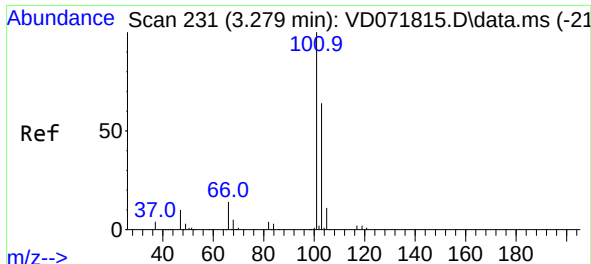
Tgt Ion: 94 Resp: 63614  
Ion Ratio Lower Upper  
94 100  
96 102.1 77.6 116.4



#6  
Chloroethane  
Concen: 18.637 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 64 Resp: 60179  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.9 38.9

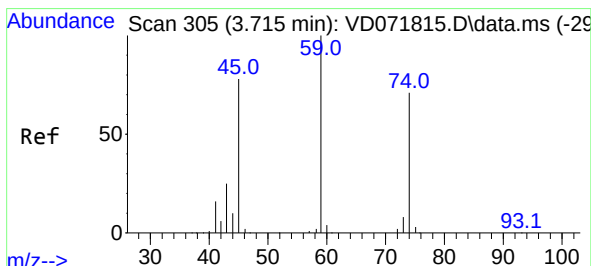
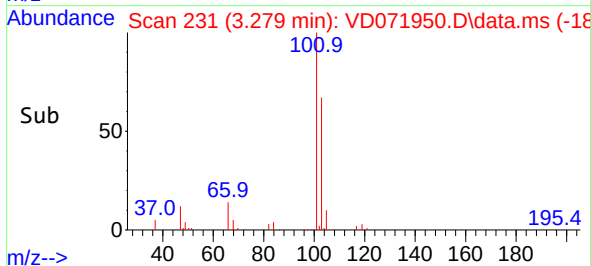
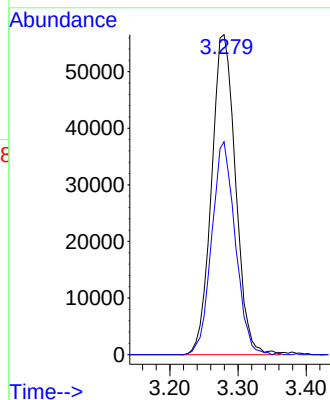
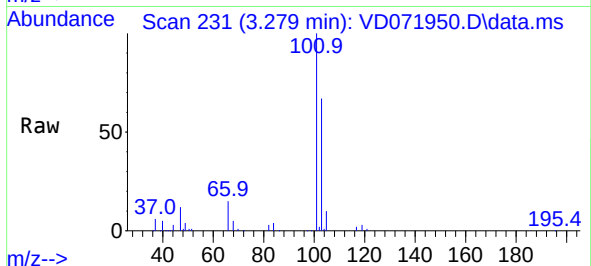




#7  
Trichlorofluoromethane  
Concen: 18.981 ug/l  
RT: 3.279 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

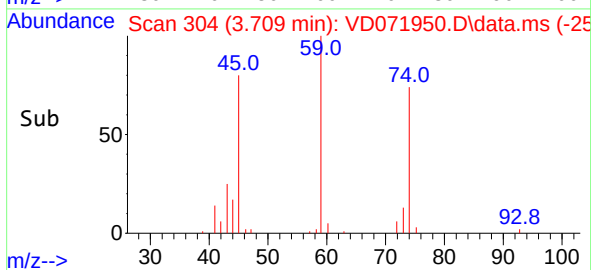
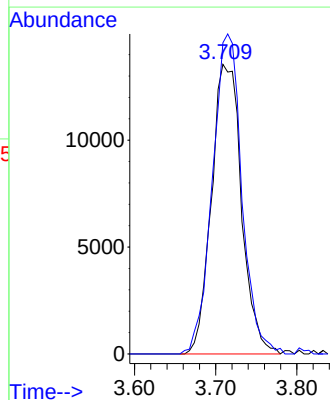
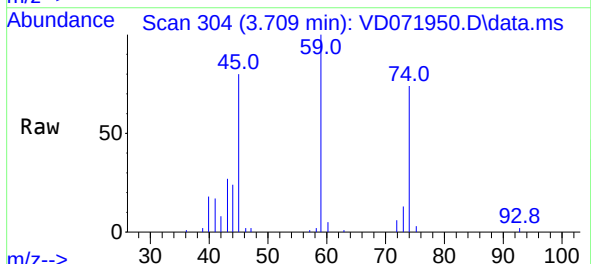
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion:101 Resp: 138596  
Ion Ratio Lower Upper  
101 100  
103 66.6 50.1 75.1

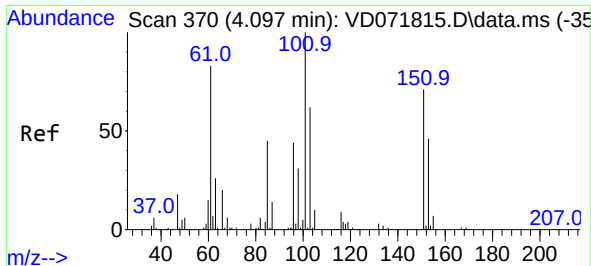


#8  
Diethyl Ether  
Concen: 18.097 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 74 Resp: 34867  
Ion Ratio Lower Upper  
74 100  
45 108.2 52.6 157.8



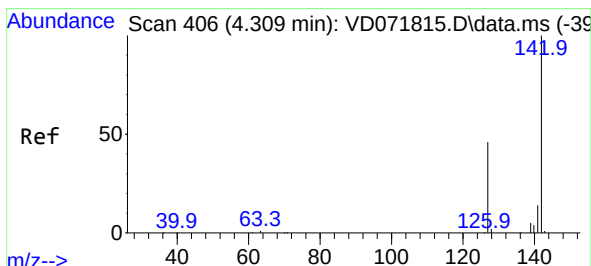
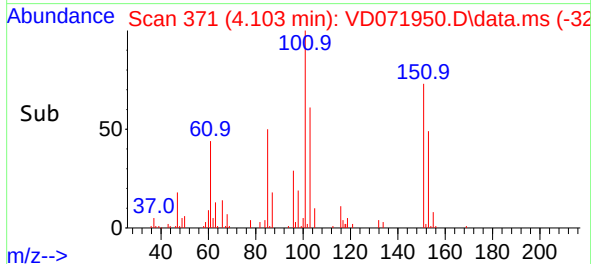
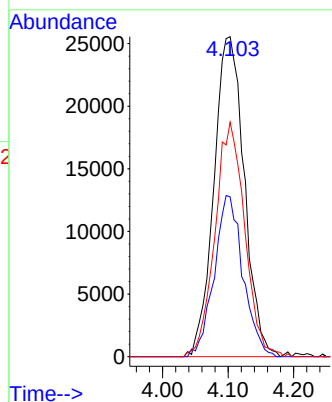
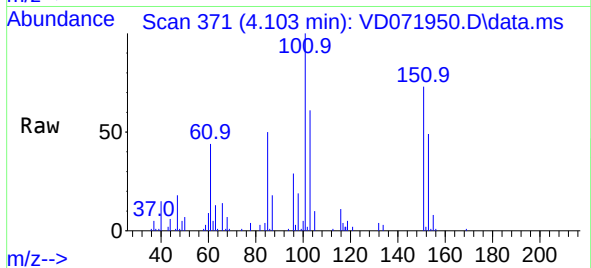




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.947 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

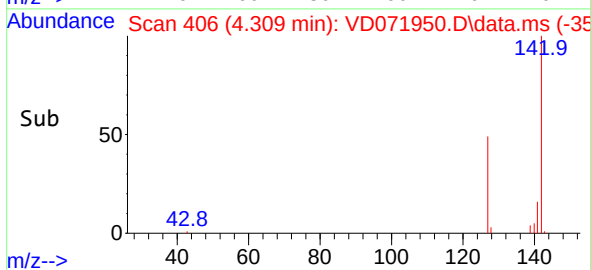
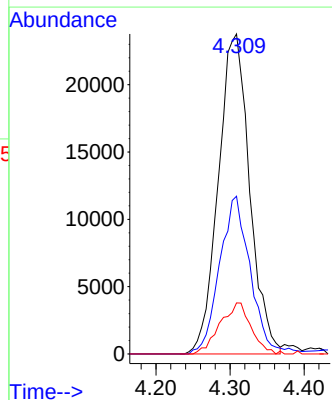
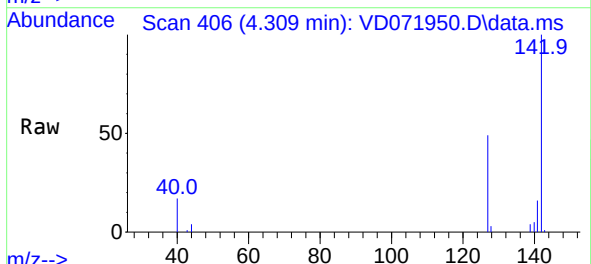
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

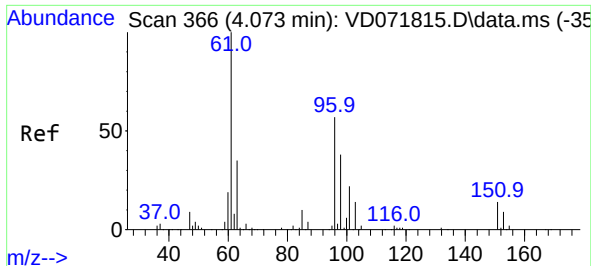
Tgt Ion:101 Resp: 82174  
Ion Ratio Lower Upper  
101 100  
85 47.6 36.4 54.6  
151 71.6 57.3 85.9



#10  
Methyl Iodide  
Concen: 16.503 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:142 Resp: 69697  
Ion Ratio Lower Upper  
142 100  
127 48.5 37.3 55.9  
141 15.8 11.7 17.5





#12

1,1-Dichloroethene

Concen: 18.831 ug/l

RT: 4.079 min Scan# 30

Delta R.T. 0.006 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0214SBS01

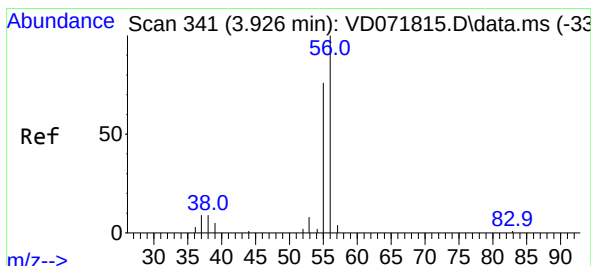
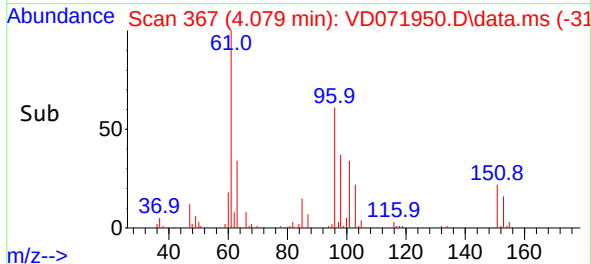
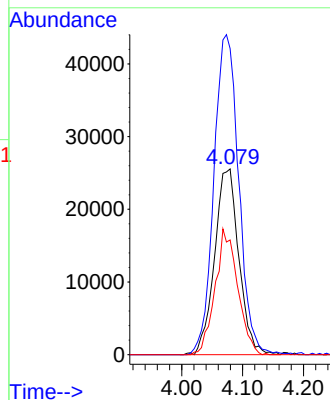
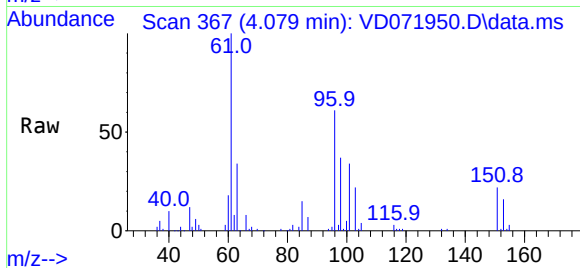
Tgt Ion: 96 Resp: 70919

Ion Ratio Lower Upper

96 100

61 164.8 138.5 207.7

98 61.8 48.6 73.0



#13

Acrolein

Concen: 101.827 ug/l

RT: 3.921 min Scan# 340

Delta R.T. -0.006 min

Lab File: VD071950.D

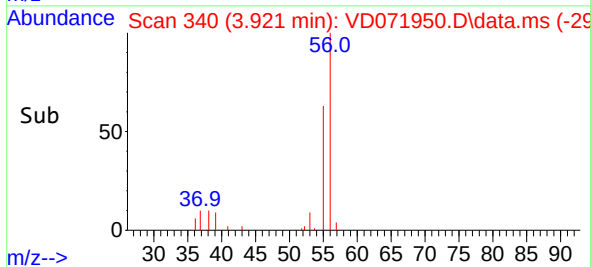
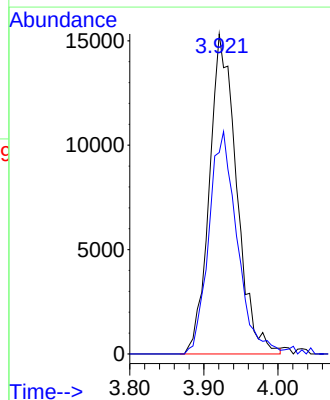
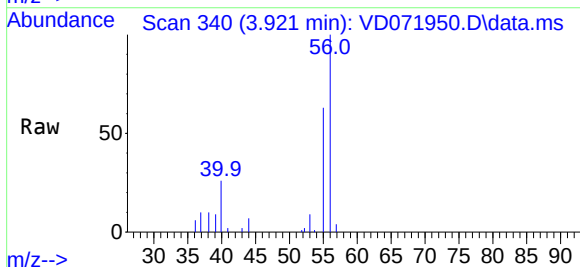
Acq: 14 Feb 2022 11:56

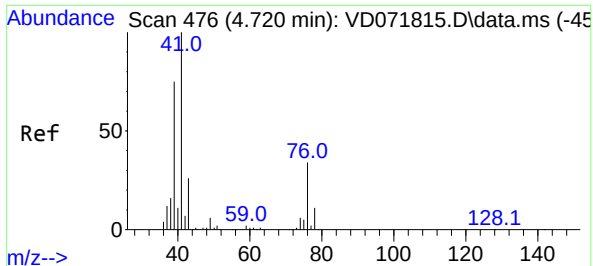
Tgt Ion: 56 Resp: 39186

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7

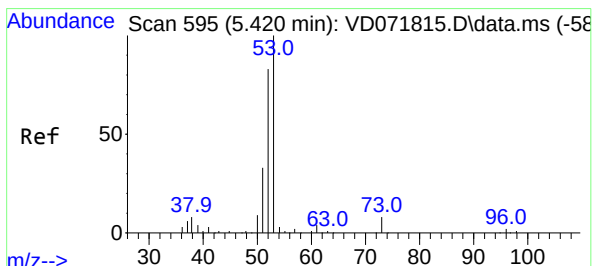
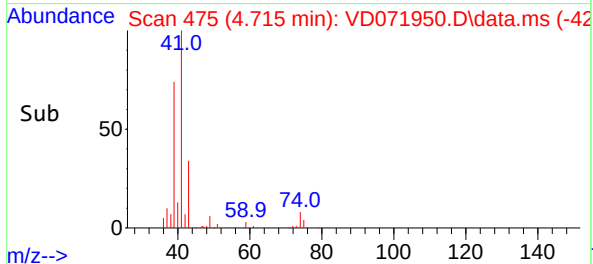
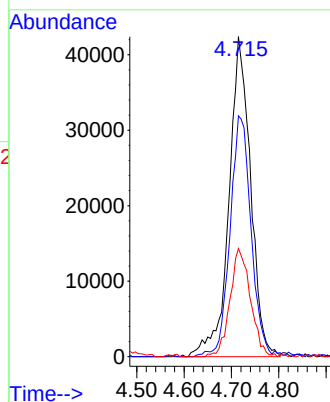
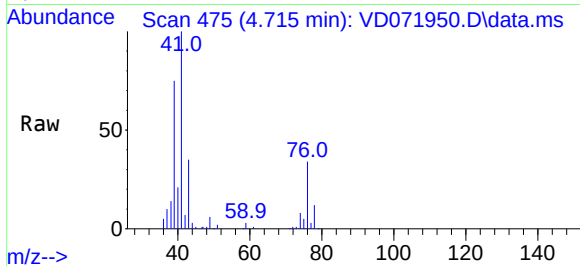




#14  
 Allyl chloride  
 Concen: 18.737 ug/l  
 RT: 4.715 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VD071950.D  
 Acq: 14 Feb 2022 11:56

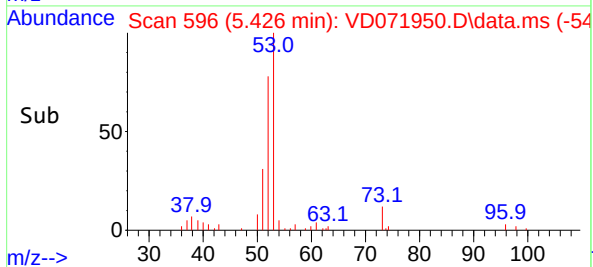
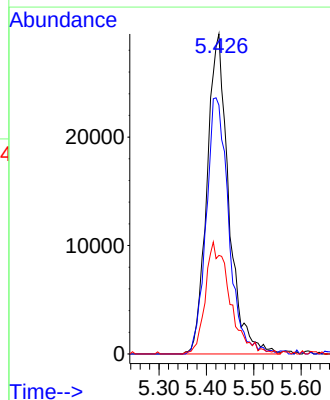
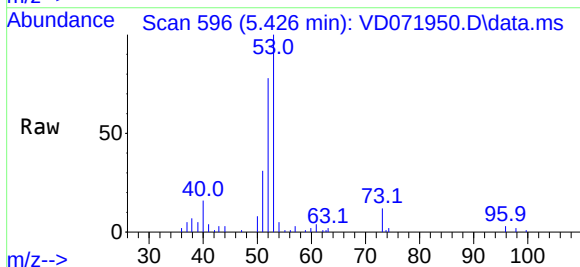
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0214SBSD01

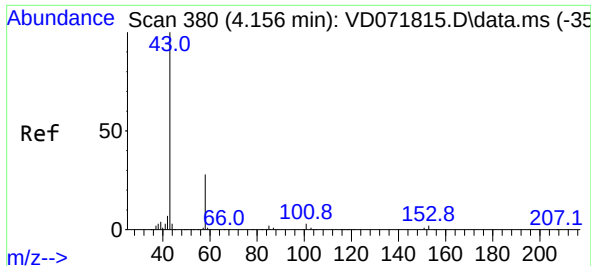
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 134506 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 72.7  | 59.3  | 88.9   |
| 76       | 32.0  | 25.7  | 38.5   |



#15  
 Acrylonitrile  
 Concen: 96.182 ug/l  
 RT: 5.426 min Scan# 596  
 Delta R.T. 0.006 min  
 Lab File: VD071950.D  
 Acq: 14 Feb 2022 11:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 94184 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.0  | 67.2  | 100.8 |
| 51       | 39.4  | 30.3  | 45.5  |

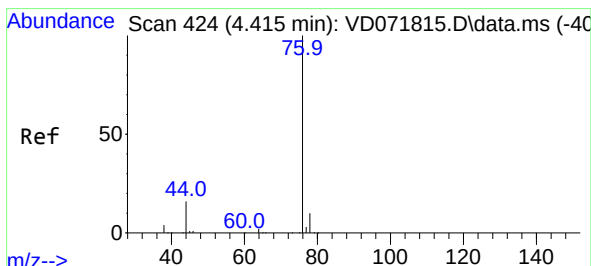
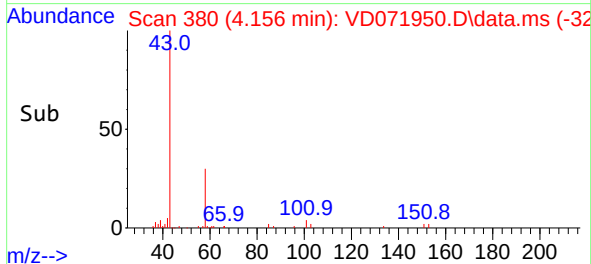
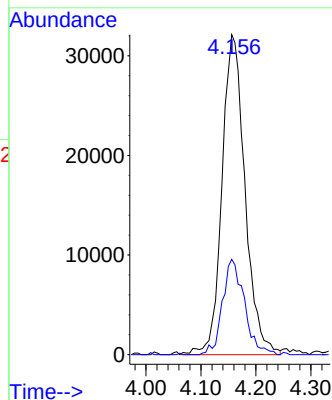
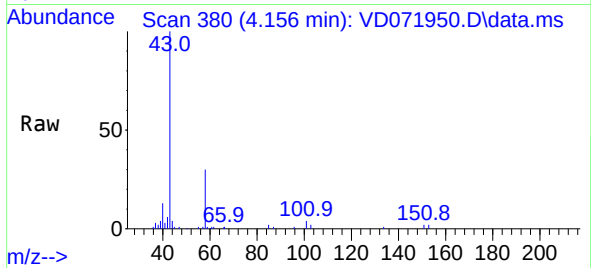




#16  
Acetone  
Concen: 78.753 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

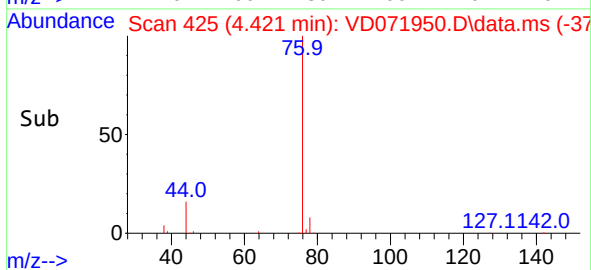
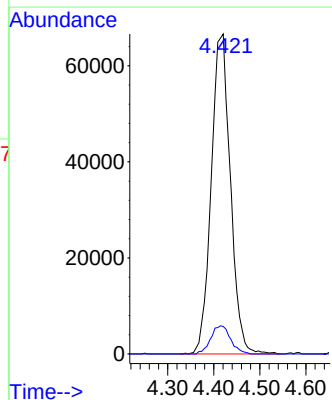
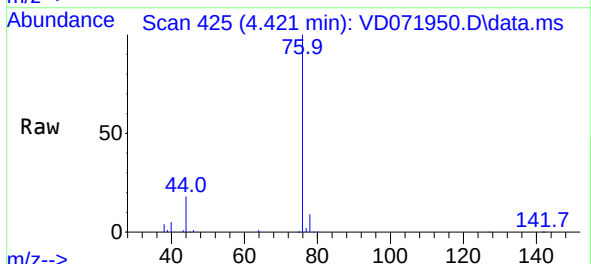
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

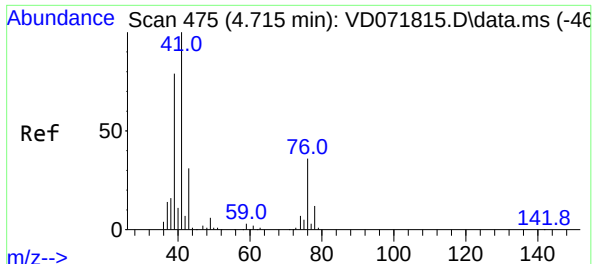
Tgt Ion: 43 Resp: 93404  
Ion Ratio Lower Upper  
43 100  
58 29.8 22.1 33.1



#17  
Carbon Disulfide  
Concen: 14.678 ug/l  
RT: 4.421 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 76 Resp: 192742  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3





#18

Methyl Acetate

Concen: 18.688 ug/l

RT: 4.721 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

Instrument :

MSVOA\_D

ClientSampleId :

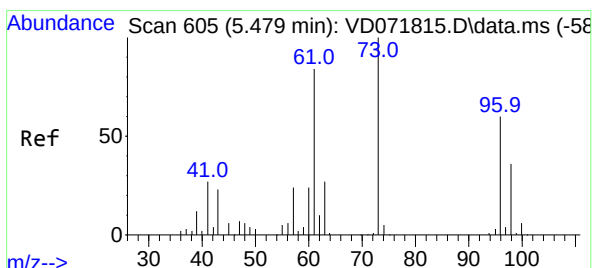
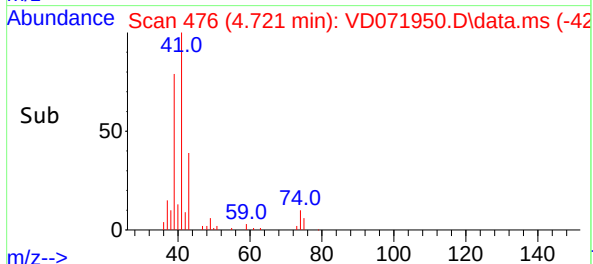
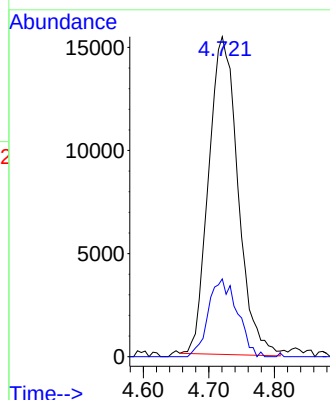
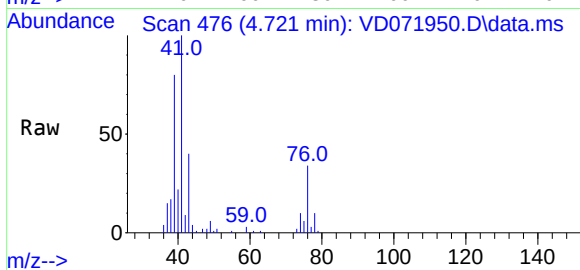
VD0214SBSD01

Tgt Ion: 43 Resp: 47921

Ion Ratio Lower Upper

43 100

74 24.1 16.7 25.1



#19

Methyl tert-butyl Ether

Concen: 18.732 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD071950.D

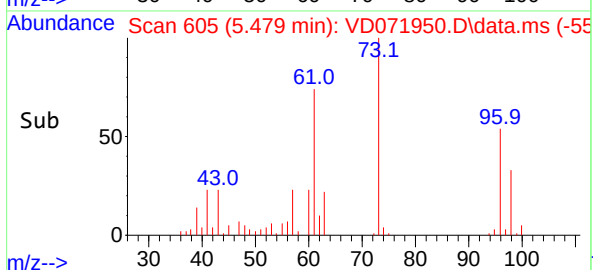
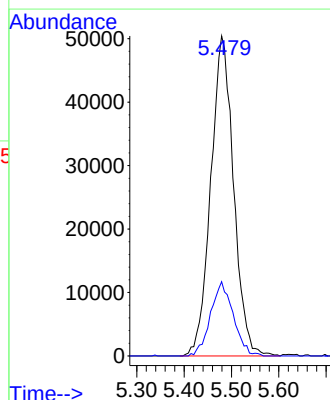
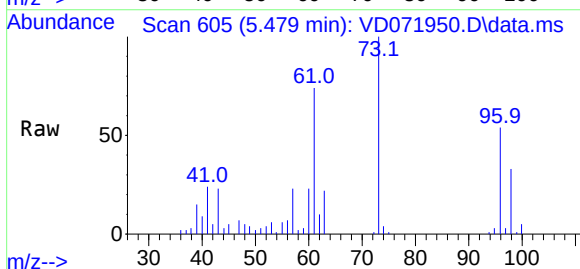
Acq: 14 Feb 2022 11:56

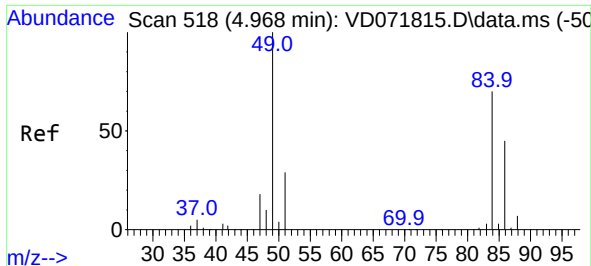
Tgt Ion: 73 Resp: 168760

Ion Ratio Lower Upper

73 100

57 23.2 18.0 27.0



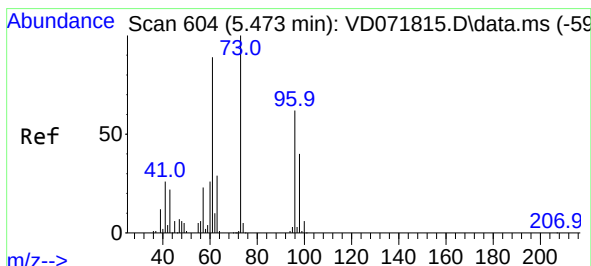
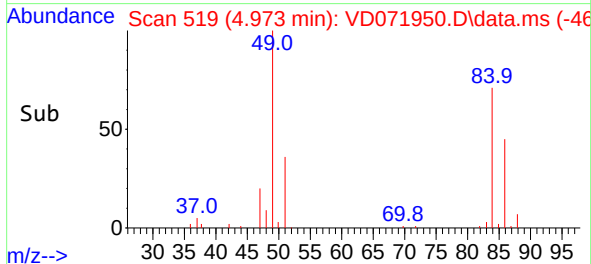
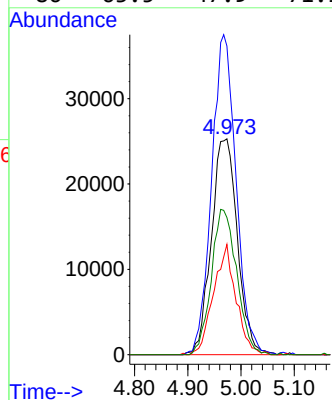
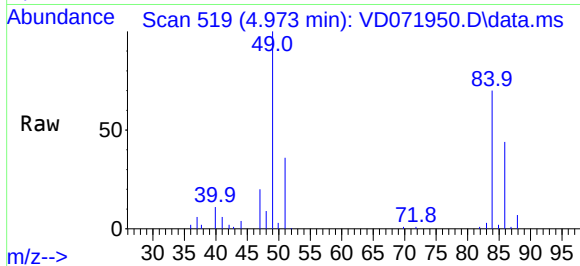


#20  
Methylene Chloride  
Concen: 17.447 ug/l  
RT: 4.973 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion: 84 Resp: 86070

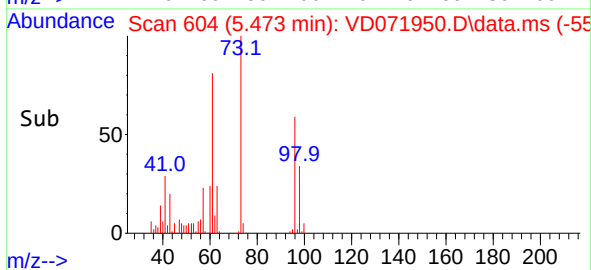
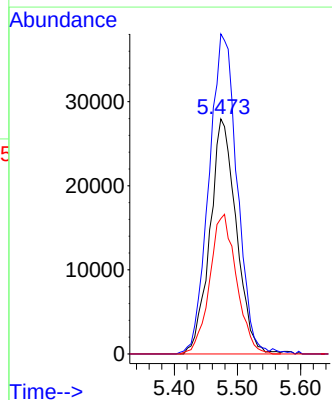
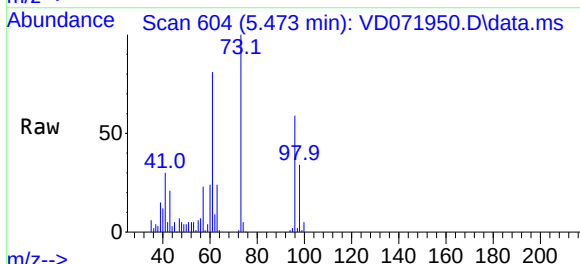
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 143.0 | 112.8 | 169.2 |
| 51  | 51.1  | 32.6  | 48.8# |
| 86  | 63.5  | 47.9  | 71.9  |

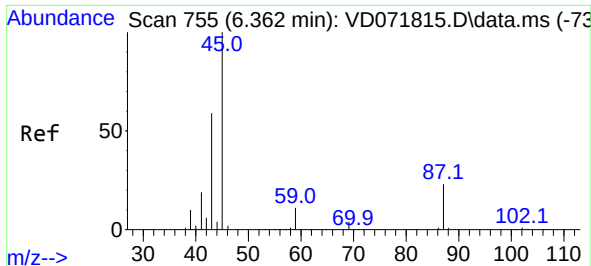


#21  
trans-1,2-Dichloroethene  
Concen: 18.482 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 96 Resp: 81027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.4 | 117.9 | 176.9 |
| 98  | 57.6  | 49.4  | 74.2  |





#22

Diisopropyl ether

Concen: 20.139 ug/l

RT: 6.367 min Scan# 755

Delta R.T. 0.006 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0214SBSD01

Tgt Ion: 45 Resp: 283350

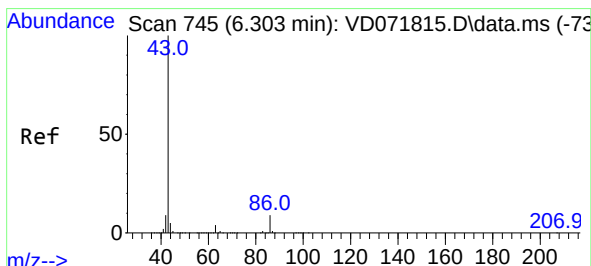
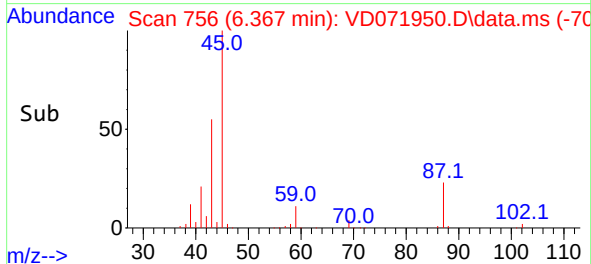
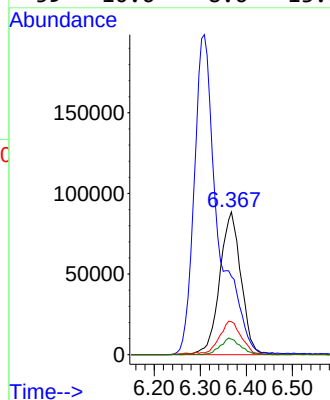
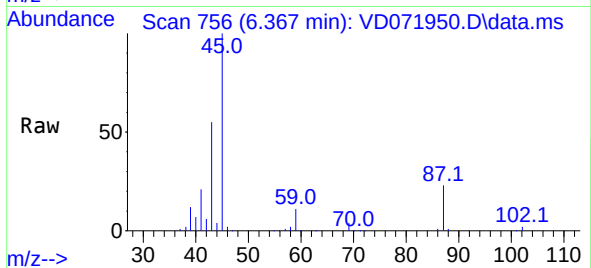
Ion Ratio Lower Upper

45 100

43 53.9 46.6 70.0

87 23.1 18.4 27.6

59 10.6 8.6 13.0



#23

Vinyl Acetate

Concen: 91.679 ug/l

RT: 6.309 min Scan# 746

Delta R.T. 0.000 min

Lab File: VD071950.D

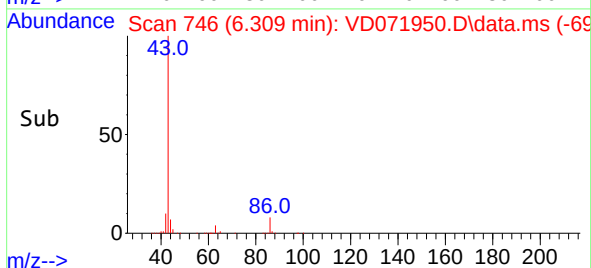
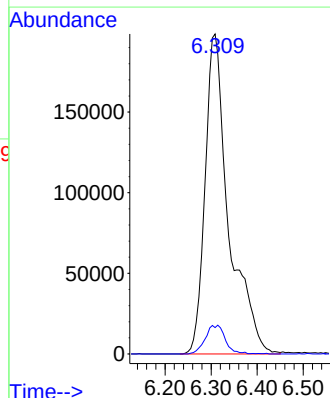
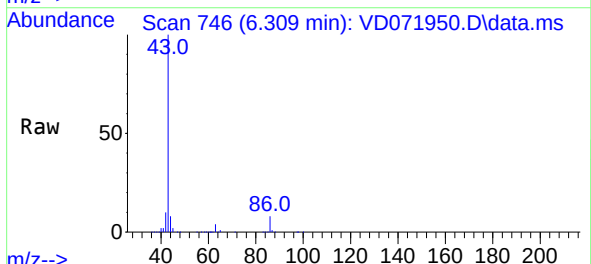
Acq: 14 Feb 2022 11:56

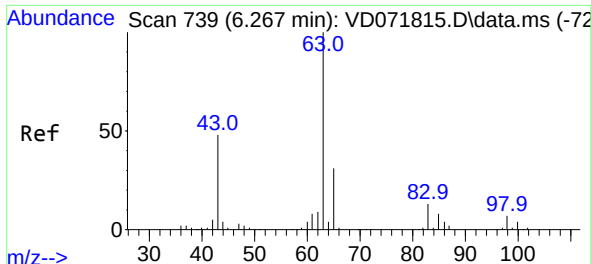
Tgt Ion: 43 Resp: 711576

Ion Ratio Lower Upper

43 100

86 8.3 7.1 10.7

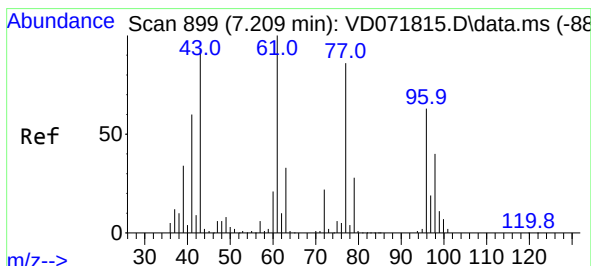
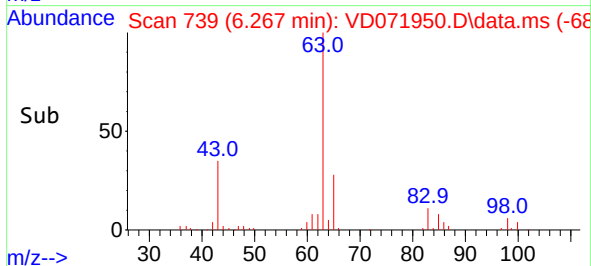
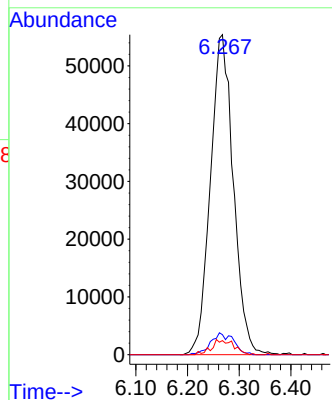
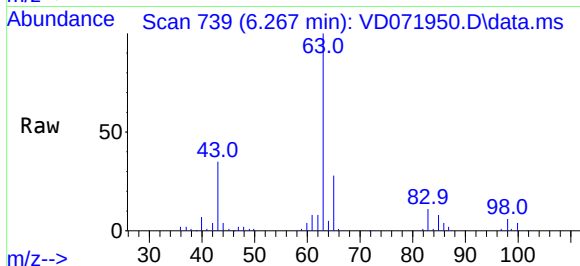




#24  
1,1-Dichloroethane  
Concen: 20.856 ug/l  
RT: 6.267 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

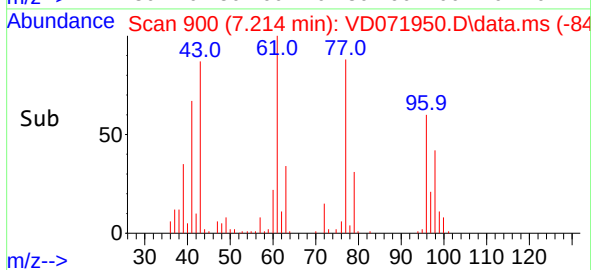
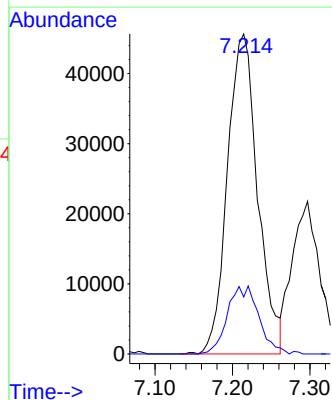
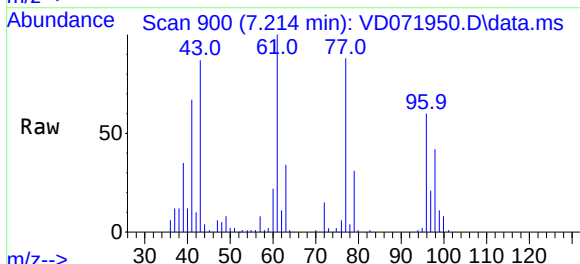
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion: 63 Resp: 171037  
Ion Ratio Lower Upper  
63 100  
98 6.3 3.6 10.9  
100 4.4 2.1 6.5

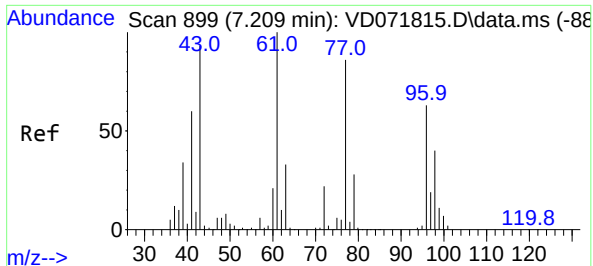


#25  
2-Butanone  
Concen: 89.632 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 43 Resp: 123929  
Ion Ratio Lower Upper  
43 100  
72 17.8 18.6 27.8#



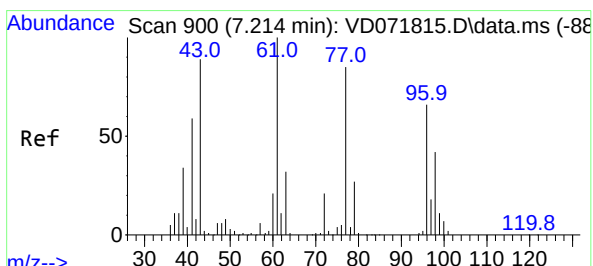
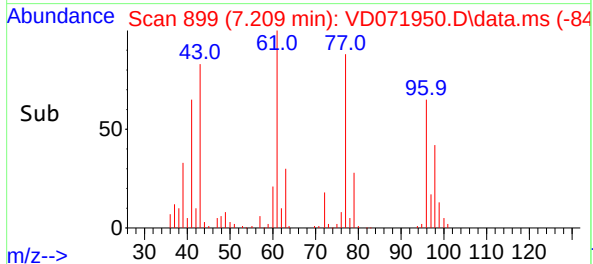
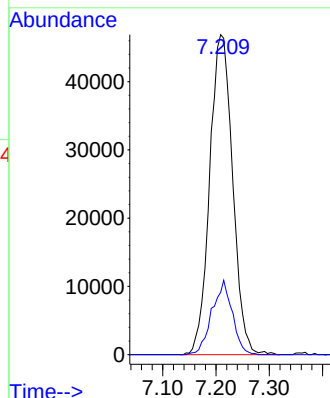
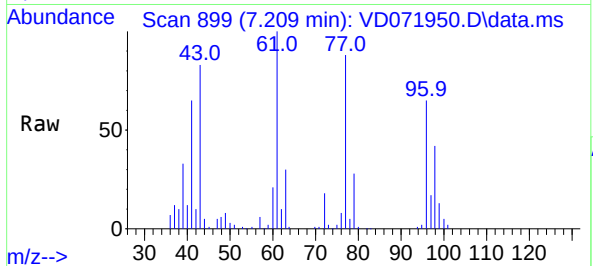




#26  
2,2-Dichloropropane  
Concen: 20.694 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

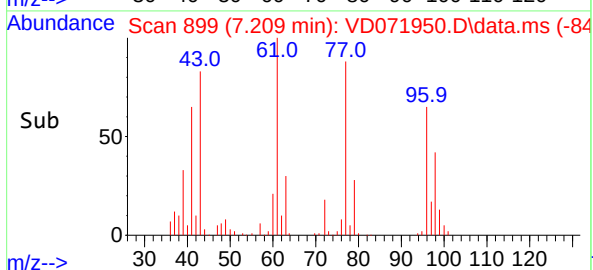
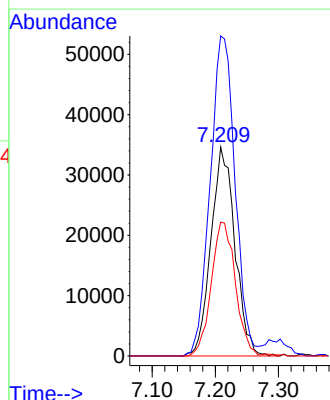
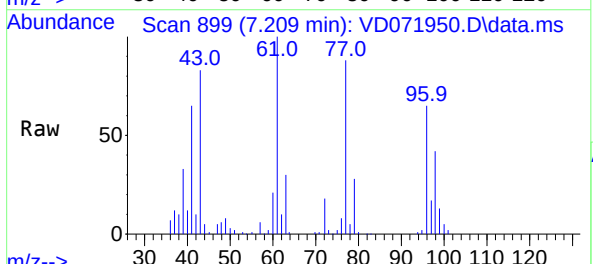
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

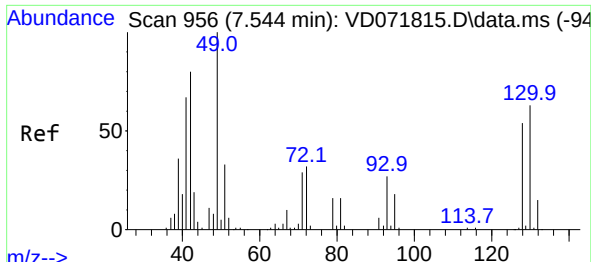
Tgt Ion: 77 Resp: 140433  
Ion Ratio Lower Upper  
77 100  
97 20.6 10.8 32.4



#27  
cis-1,2-Dichloroethene  
Concen: 19.424 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 96 Resp: 91463  
Ion Ratio Lower Upper  
96 100  
61 159.0 0.0 313.8  
98 64.2 0.0 128.8

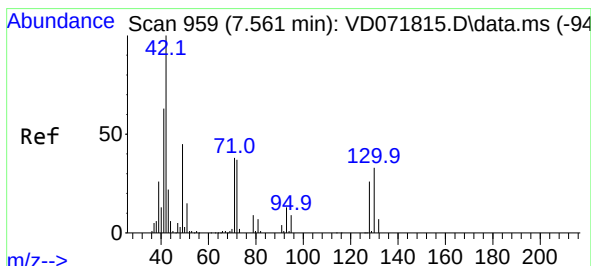
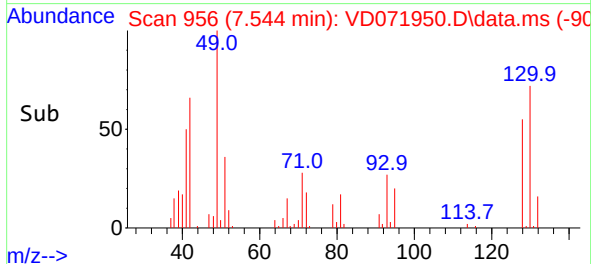
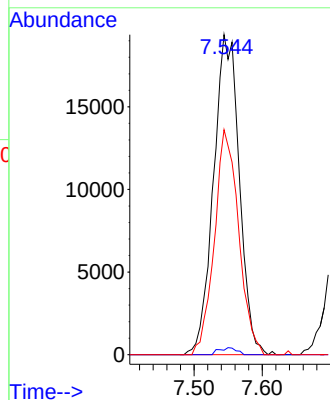
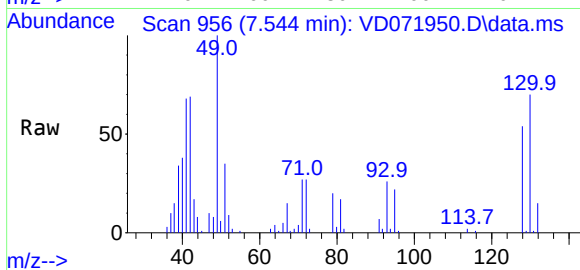




#28  
Bromochloromethane  
Concen: 16.475 ug/l  
RT: 7.544 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

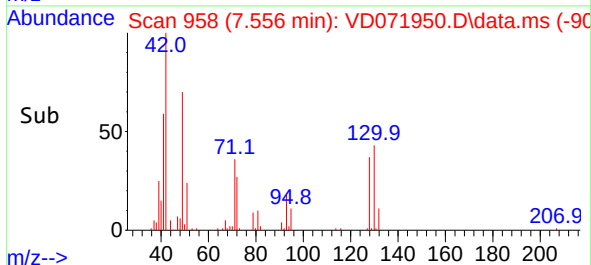
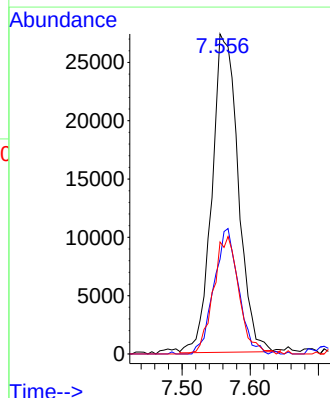
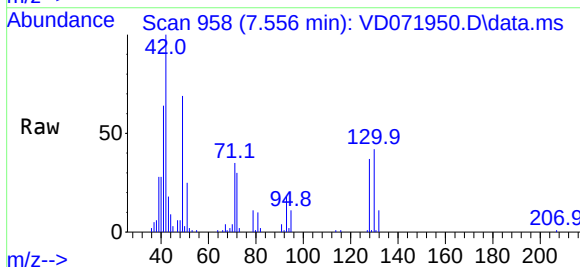
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

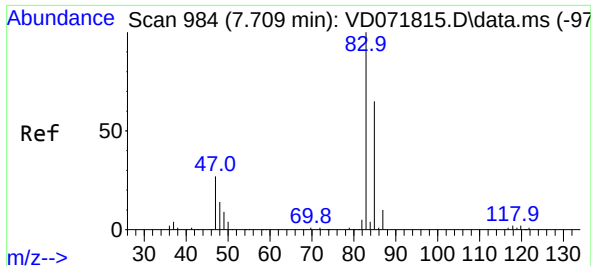
Tgt Ion: 49 Resp: 50960  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 4.0  
130 66.2 52.6 79.0



#29  
Tetrahydrofuran  
Concen: 89.645 ug/l  
RT: 7.556 min Scan# 958  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 42 Resp: 73338  
Ion Ratio Lower Upper  
42 100  
72 36.6 30.7 46.1  
71 35.9 28.6 43.0

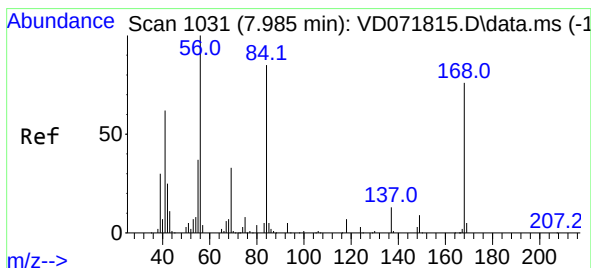
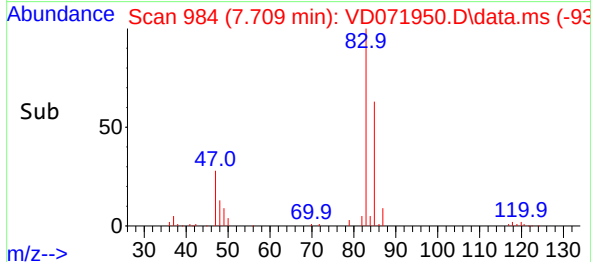
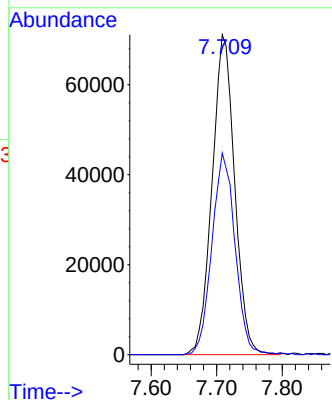
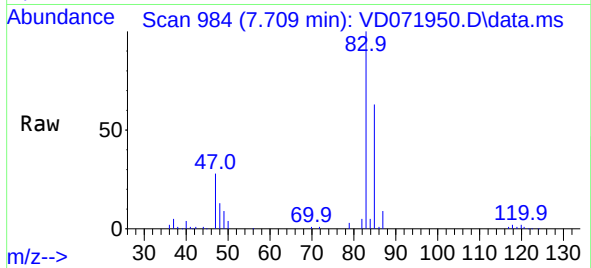




#30  
Chloroform  
Concen: 20.282 ug/l  
RT: 7.709 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

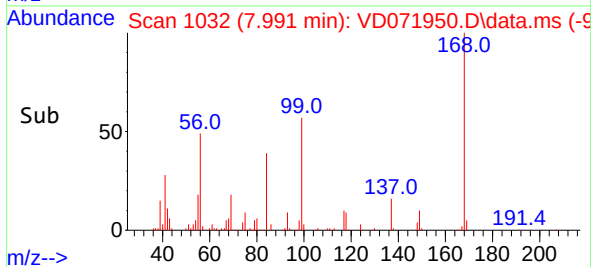
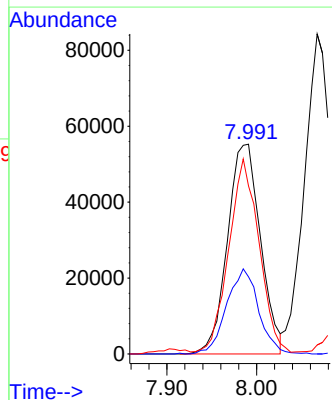
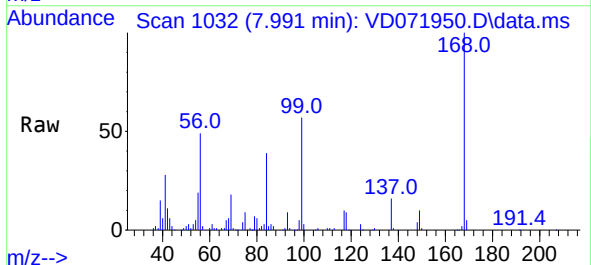
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

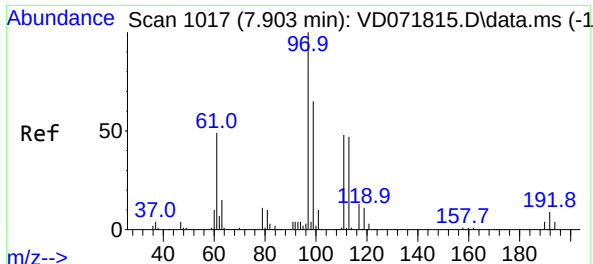
Tgt Ion: 83 Resp: 169925  
Ion Ratio Lower Upper  
83 100  
85 63.0 52.7 79.1



#31  
Cyclohexane  
Concen: 17.077 ug/l  
RT: 7.991 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 56 Resp: 141255  
Ion Ratio Lower Upper  
56 100  
69 36.3 25.4 38.2  
84 78.4 63.0 94.4



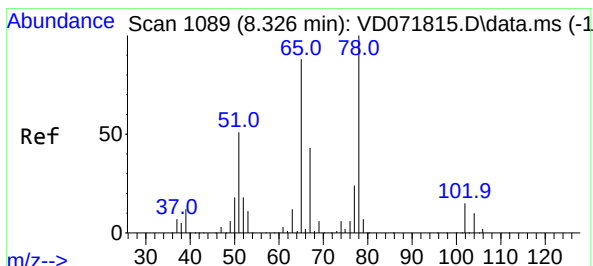
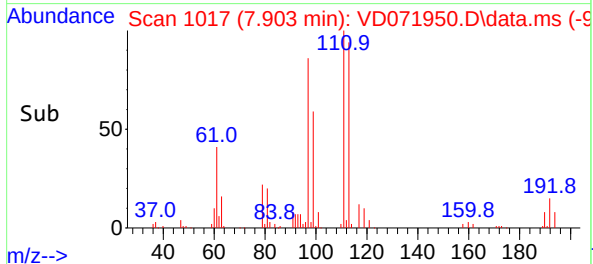
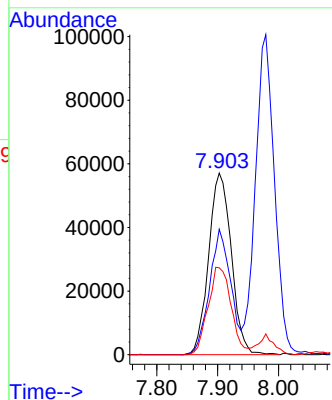
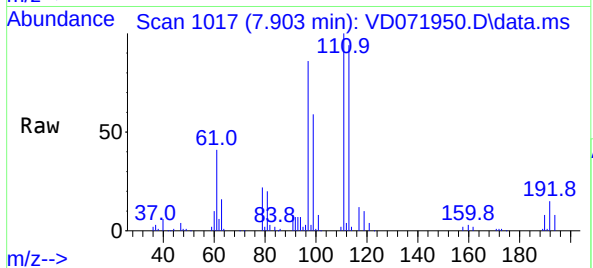


#32  
1,1,1-Trichloroethane  
Concen: 20.003 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion: 97 Resp: 147815

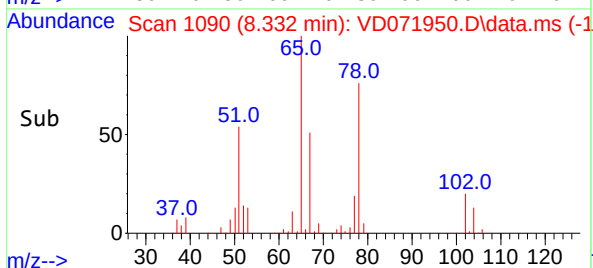
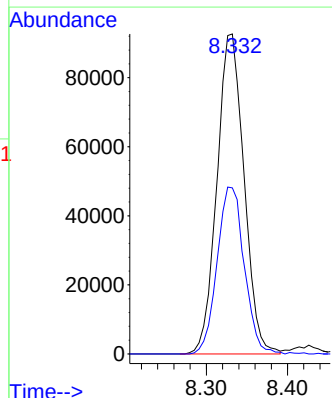
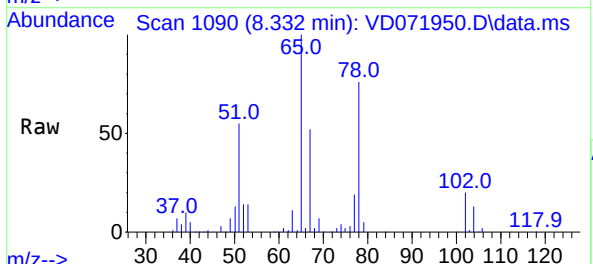
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.5  | 52.4  | 78.6  |
| 61  | 48.9  | 38.0  | 57.0  |

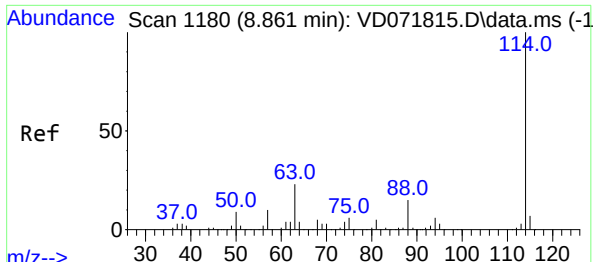


#33  
1,2-Dichloroethane-d4  
Concen: 49.581 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 65 Resp: 214817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.1  | 0.0   | 101.4 |

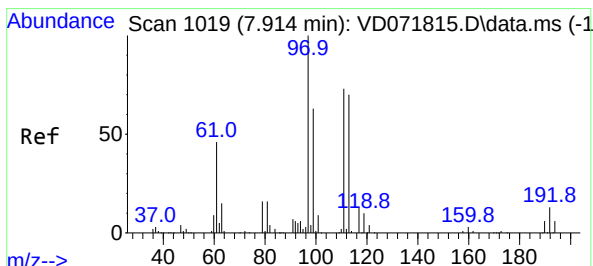
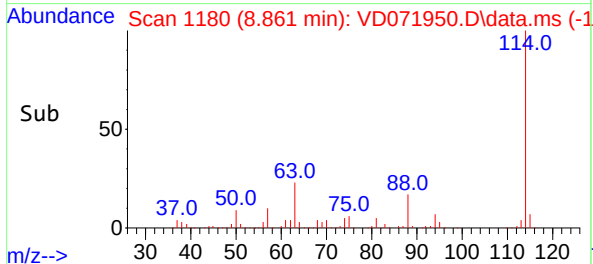
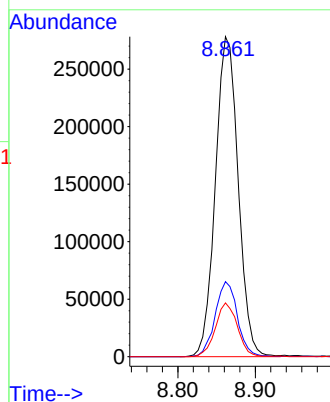
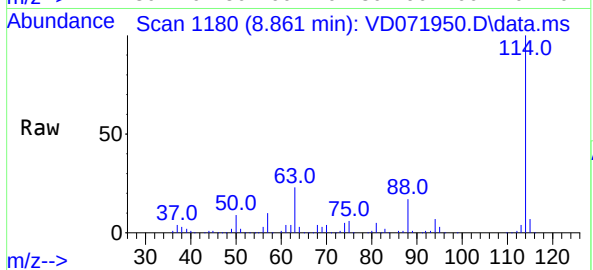




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

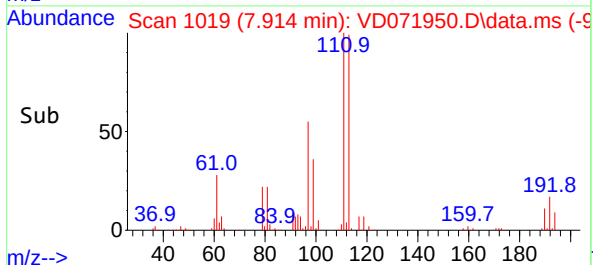
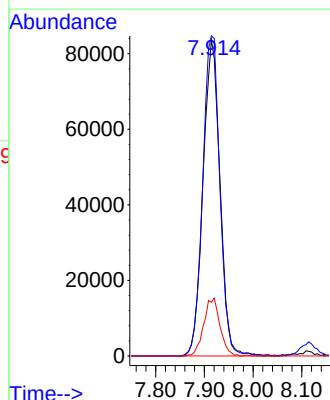
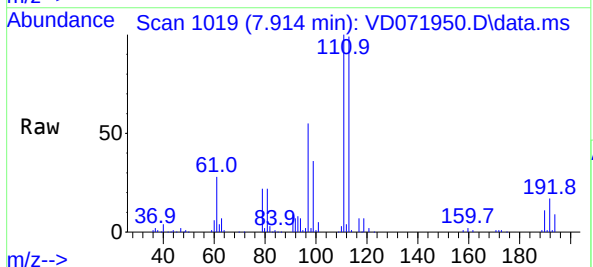
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

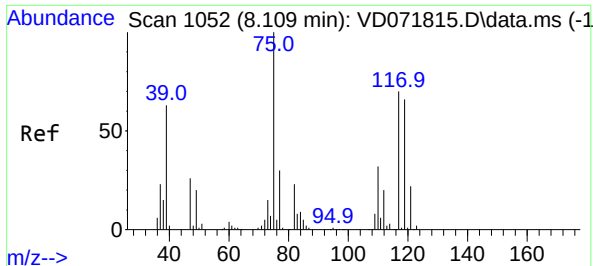
Tgt Ion:114 Resp: 569944  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 46.6  
88 16.8 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 53.852 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:113 Resp: 201752  
Ion Ratio Lower Upper  
113 100  
111 102.6 83.8 125.6  
192 17.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 19.436 ug/l

RT: 8.114 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0214SBSD01

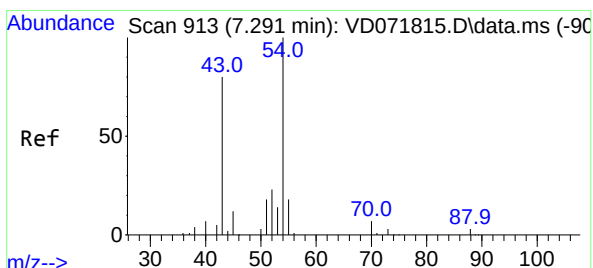
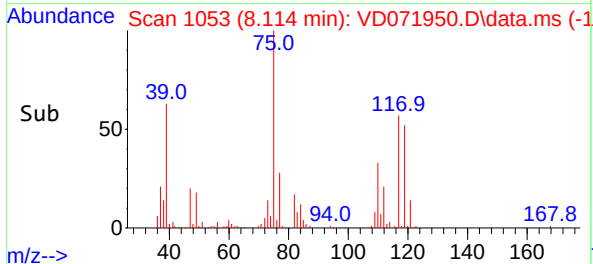
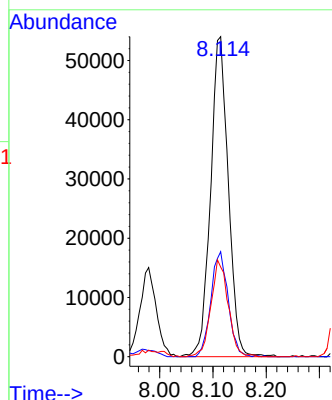
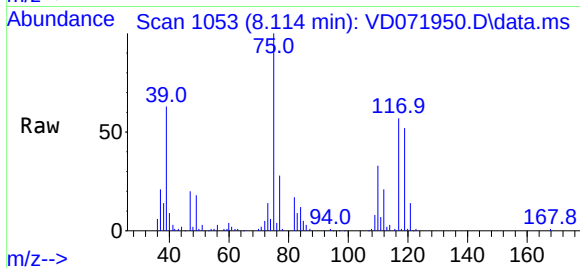
Tgt Ion: 75 Resp: 124973

Ion Ratio Lower Upper

75 100

110 31.8 16.4 49.1

77 29.5 24.2 36.2



#37

Ethyl Acetate

Concen: 17.753 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

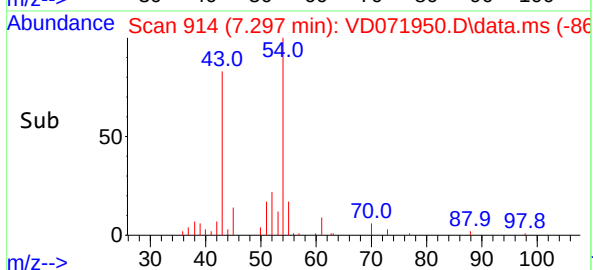
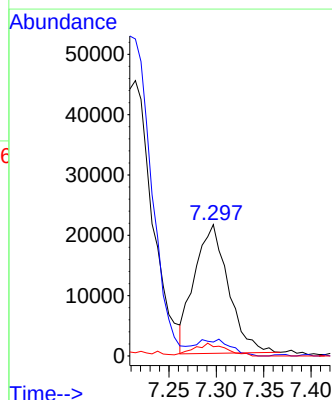
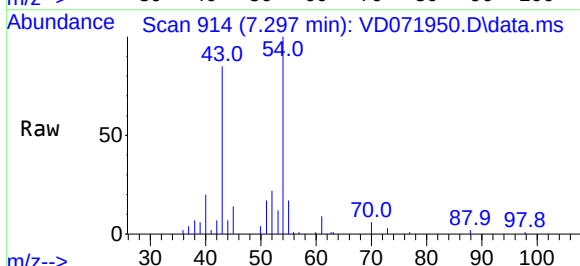
Tgt Ion: 43 Resp: 53074

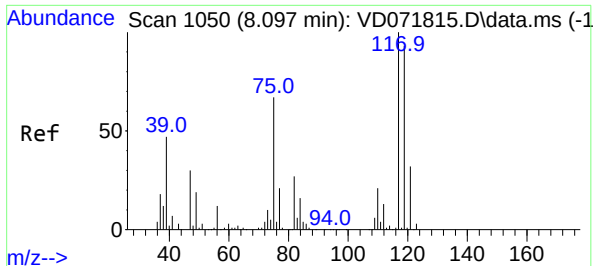
Ion Ratio Lower Upper

43 100

61 13.1 9.8 14.8

70 9.2 6.9 10.3

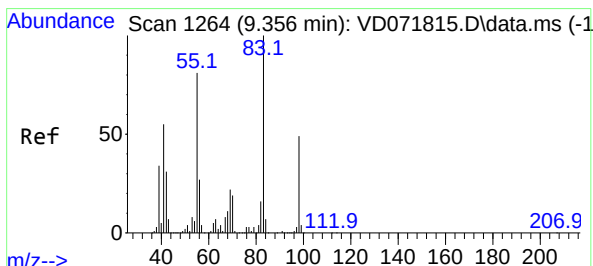
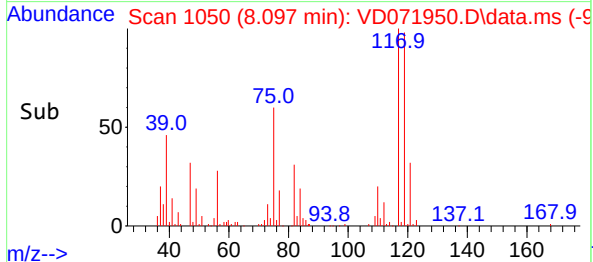
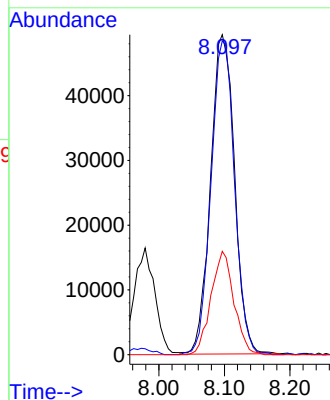
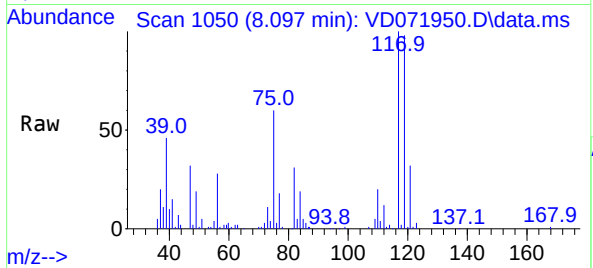




#38  
Carbon Tetrachloride  
Concen: 19.679 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

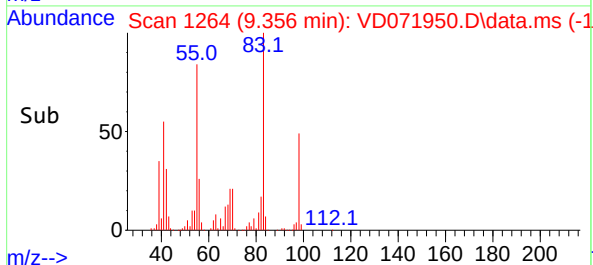
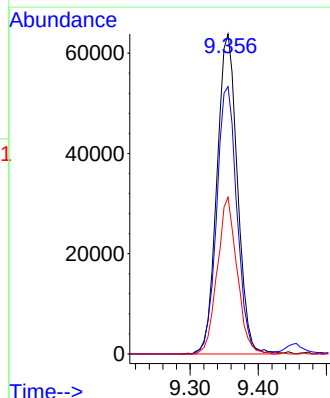
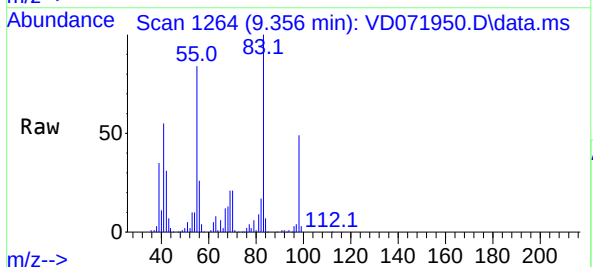
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

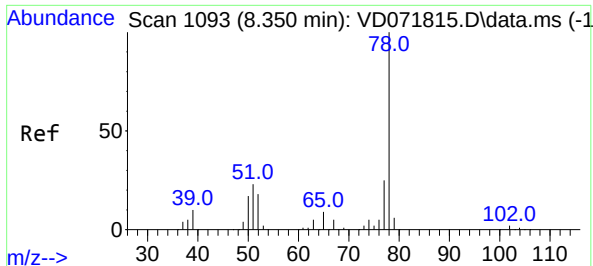
Tgt Ion:117 Resp: 125136  
Ion Ratio Lower Upper  
117 100  
119 98.4 75.8 113.6  
121 32.4 24.5 36.7



#39  
Methylcyclohexane  
Concen: 17.910 ug/l  
RT: 9.356 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 83 Resp: 133439  
Ion Ratio Lower Upper  
83 100  
55 83.5 63.2 94.8  
98 49.0 38.2 57.4

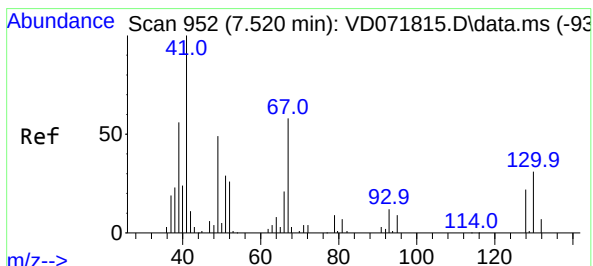
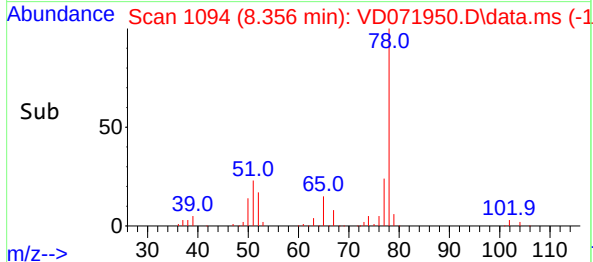
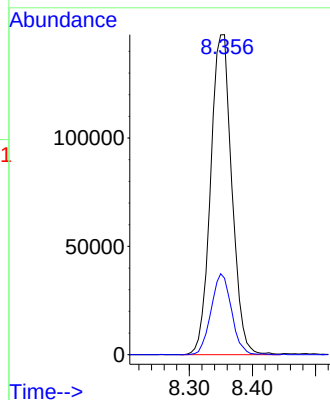
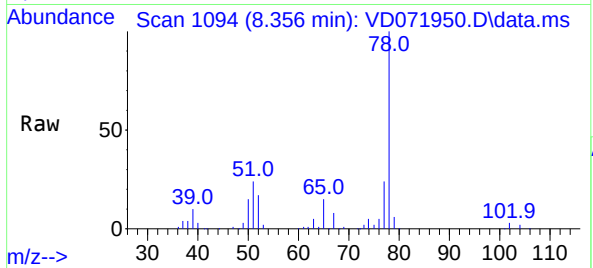




#40  
Benzene  
Concen: 19.858 ug/l  
RT: 8.356 min Scan# 1094  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

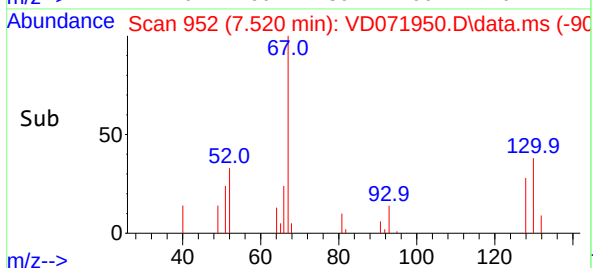
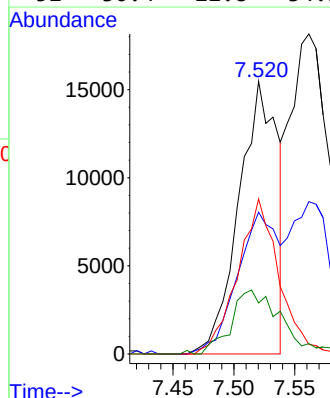
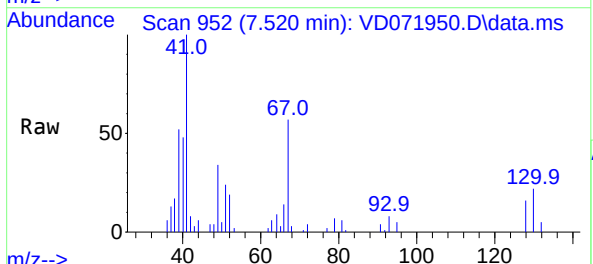
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion: 78 Resp: 344684  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.1 28.7

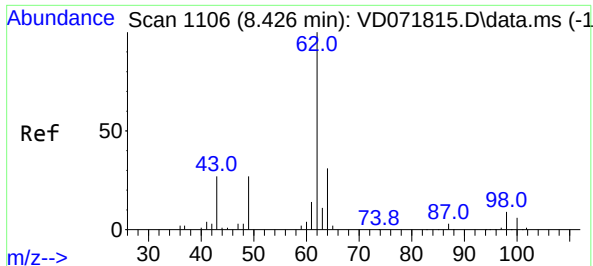


#41  
Methacrylonitrile  
Concen: 20.128 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 41 Resp: 34043  
Ion Ratio Lower Upper  
41 100  
39 54.7 44.6 67.0  
67 60.9 48.2 72.4  
52 30.4 22.8 34.2







#42

1,2-Dichloroethane

Concen: 19.799 ug/l

RT: 8.426 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

Instrument :

MSVOA\_D

ClientSampleId :

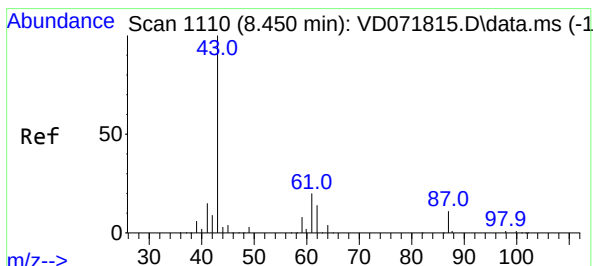
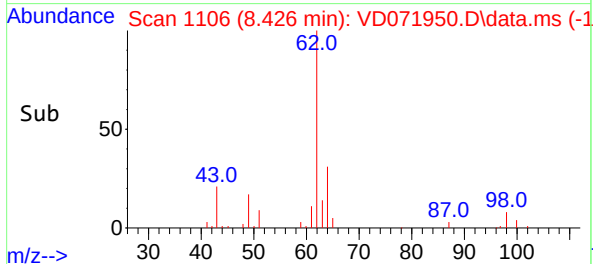
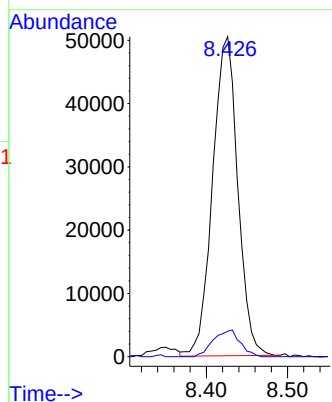
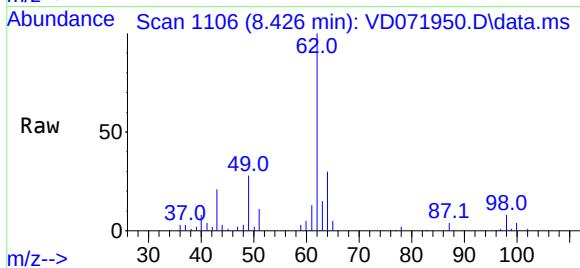
VD0214SBS01

Tgt Ion: 62 Resp: 108517

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.6



#43

Isopropyl Acetate

Concen: 19.095 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD071950.D

Acq: 14 Feb 2022 11:56

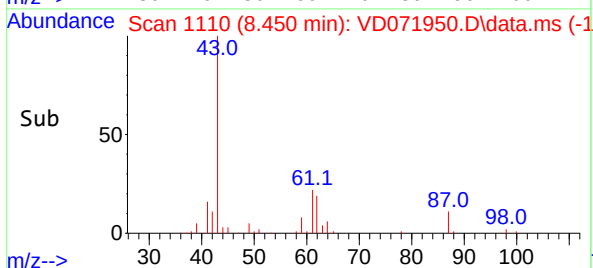
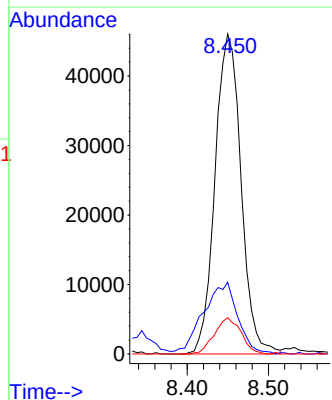
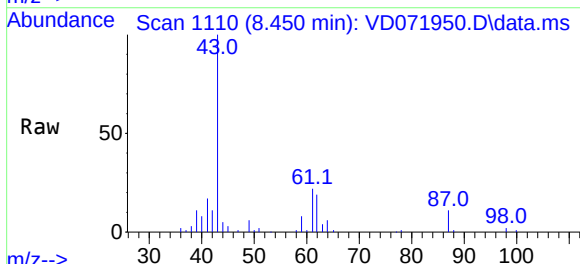
Tgt Ion: 43 Resp: 102603

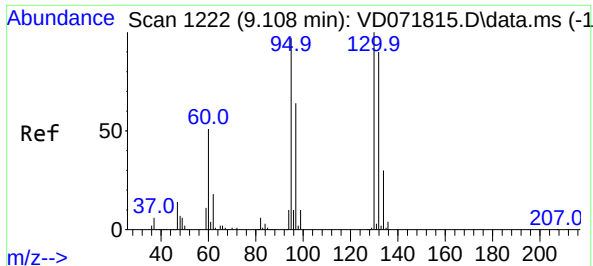
Ion Ratio Lower Upper

43 100

61 29.6 22.4 33.6

87 11.6 8.7 13.1

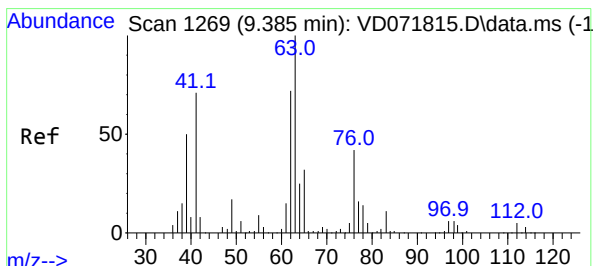
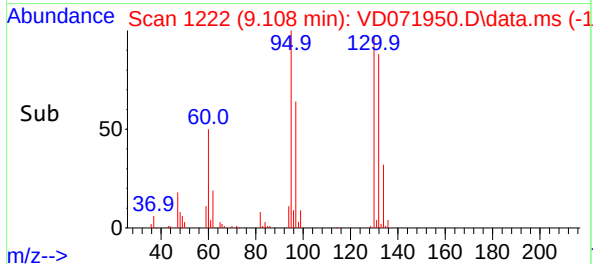
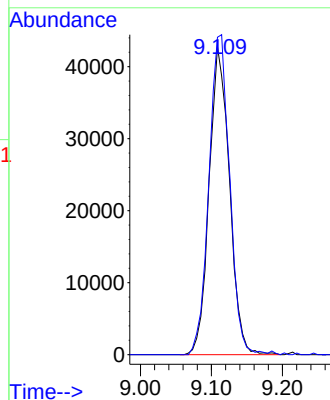
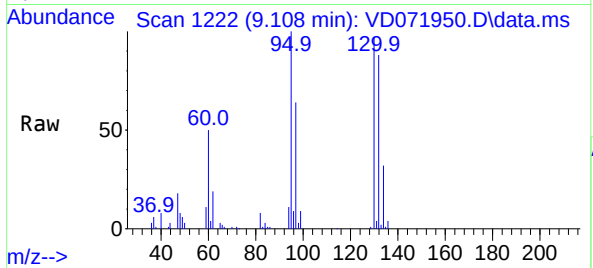




#44  
Trichloroethene  
Concen: 18.943 ug/l  
RT: 9.108 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

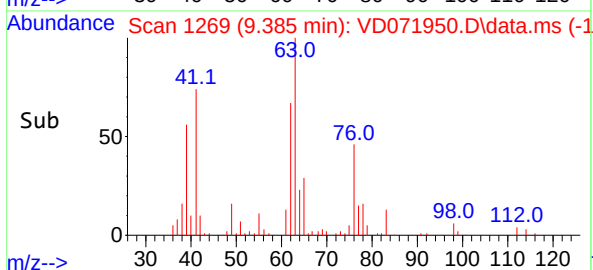
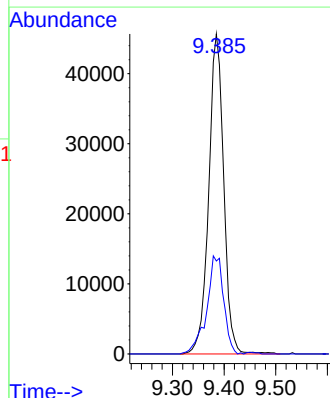
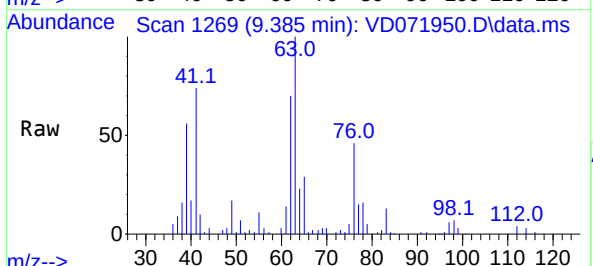
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

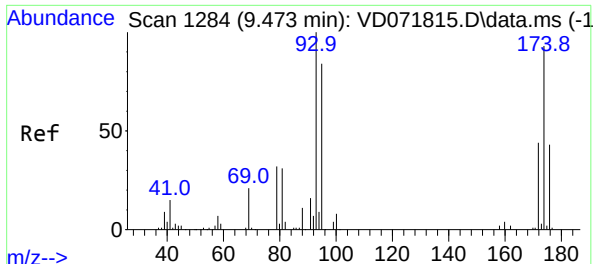
Tgt Ion:130 Resp: 84895  
Ion Ratio Lower Upper  
130 100  
95 103.0 0.0 205.4



#45  
1,2-Dichloropropane  
Concen: 20.585 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 63 Resp: 92130  
Ion Ratio Lower Upper  
63 100  
65 29.1 26.2 39.4

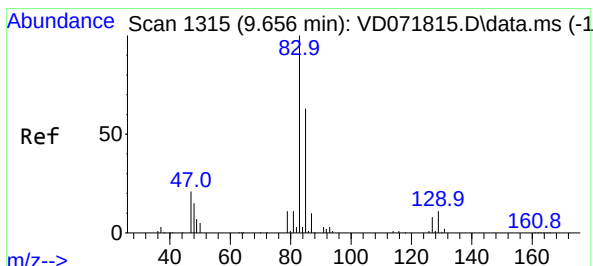
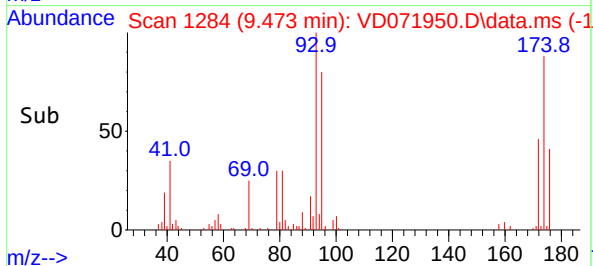
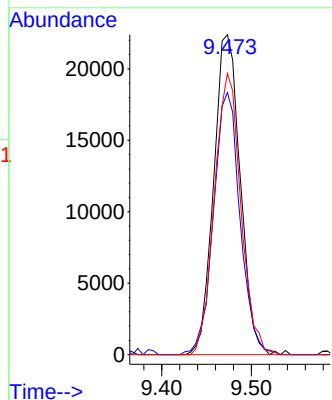
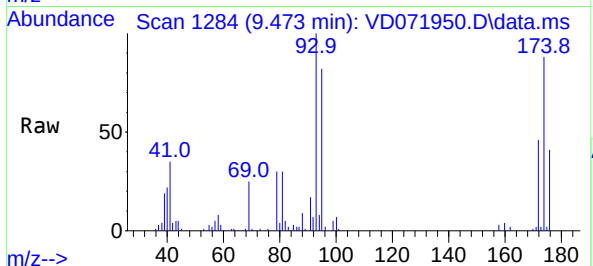




#46  
Dibromomethane  
Concen: 19.571 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

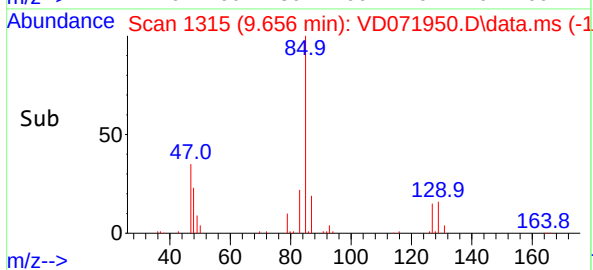
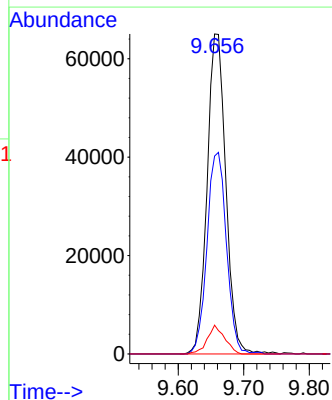
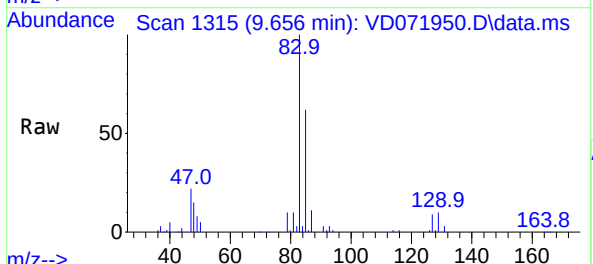
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

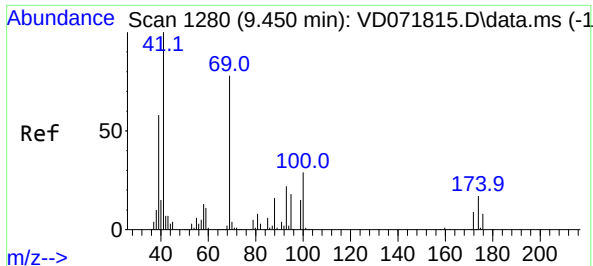
Tgt Ion: 93 Resp: 45862  
Ion Ratio Lower Upper  
93 100  
95 82.0 66.7 100.1  
174 87.6 71.6 107.4



#47  
Bromodichloromethane  
Concen: 20.860 ug/l  
RT: 9.656 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 83 Resp: 129280  
Ion Ratio Lower Upper  
83 100  
85 61.8 51.4 77.0  
127 9.0 6.1 9.1

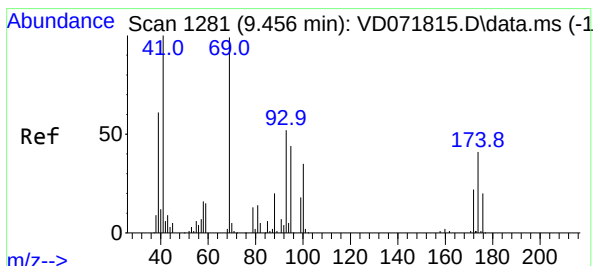
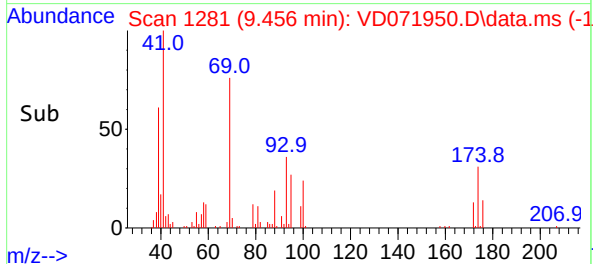
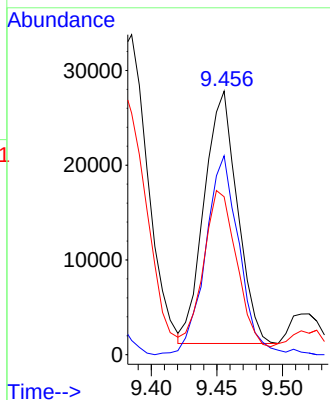
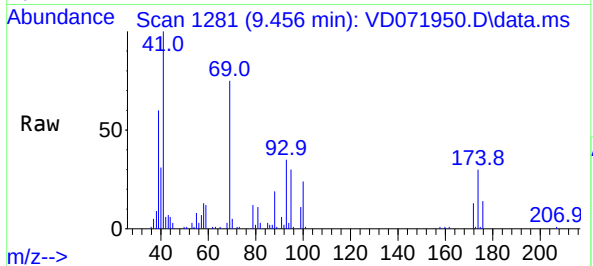




#48  
Methyl methacrylate  
Concen: 16.468 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

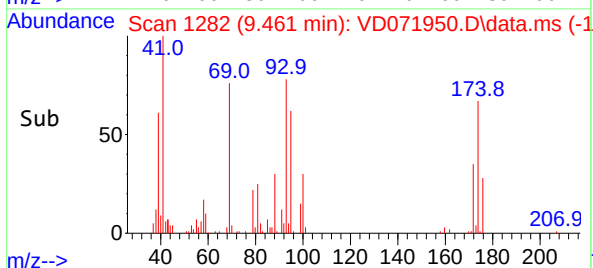
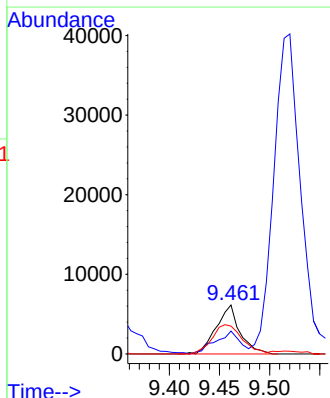
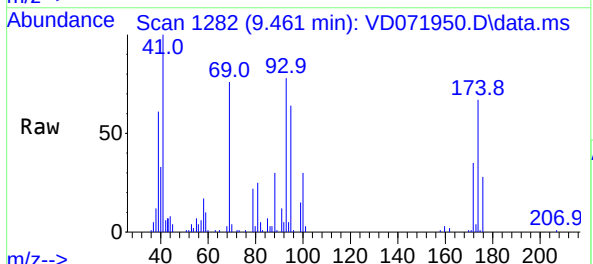
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBS01

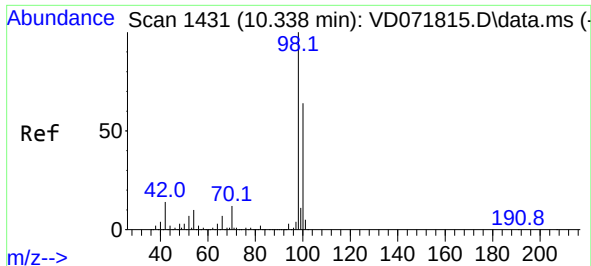
Tgt Ion: 41 Resp: 46829  
Ion Ratio Lower Upper  
41 100  
69 79.8 56.7 85.1  
39 68.0 42.7 64.1#



#49  
1,4-Dioxane  
Concen: 375.995 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 88 Resp: 10057  
Ion Ratio Lower Upper  
88 100  
43 48.7 31.0 46.4#  
58 75.9 58.1 87.1

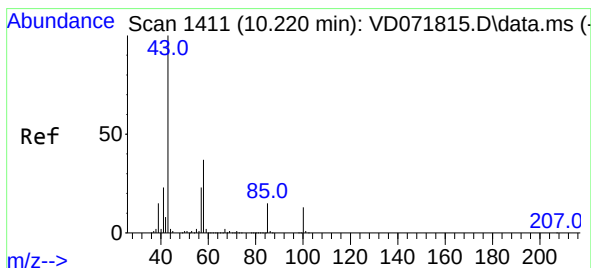
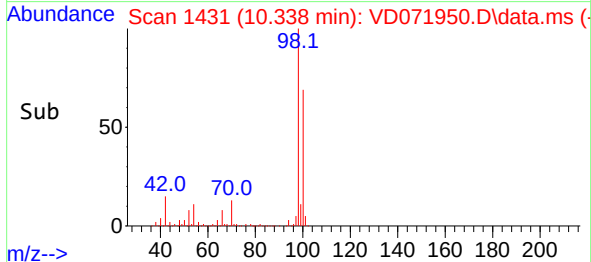
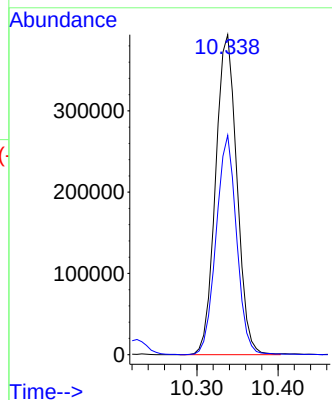
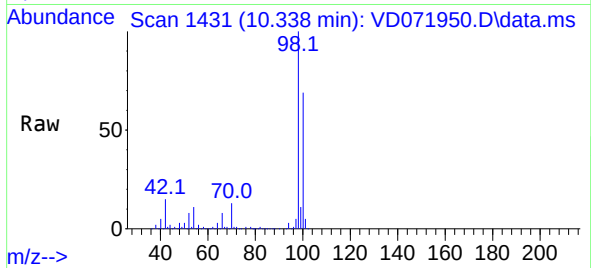




#50  
Toluene-d8  
Concen: 51.334 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

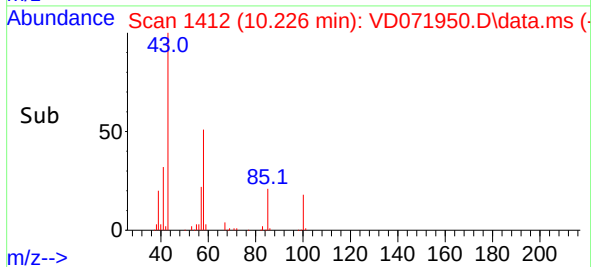
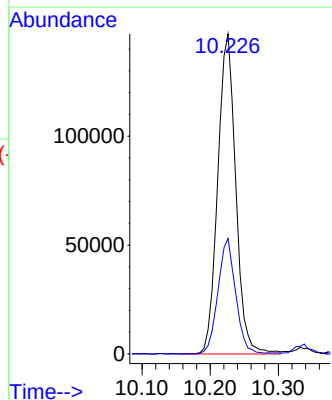
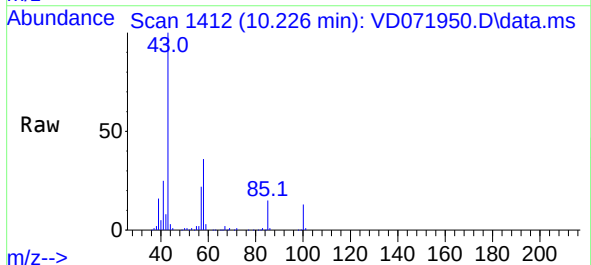
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

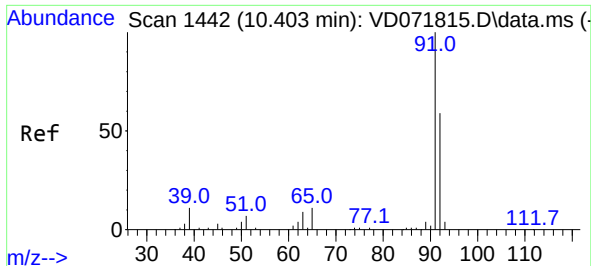
Tgt Ion: 98 Resp: 718238  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.4 78.6



#51  
4-Methyl-2-Pentanone  
Concen: 96.214 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 43 Resp: 270534  
Ion Ratio Lower Upper  
43 100  
58 35.4 28.6 43.0

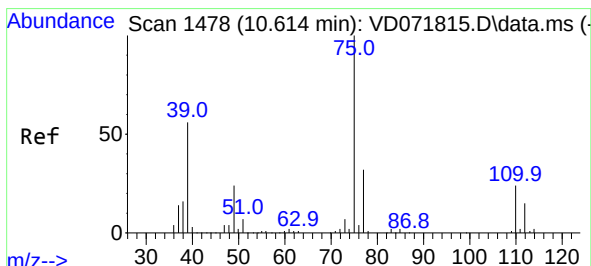
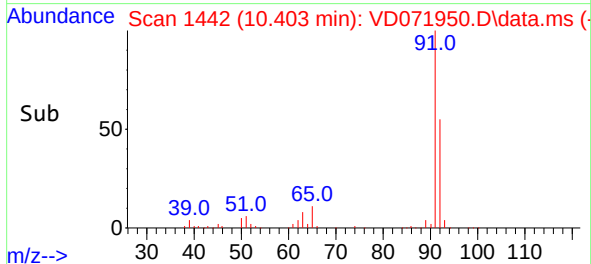
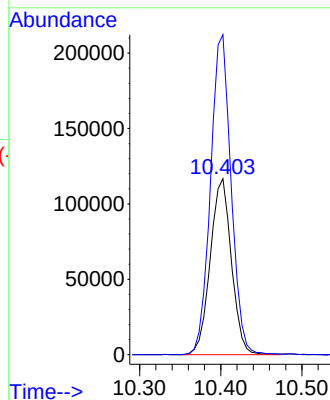
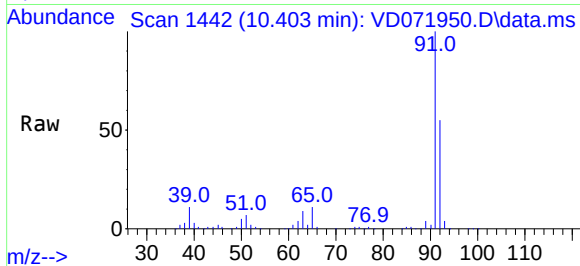




#52  
Toluene  
Concen: 19.567 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

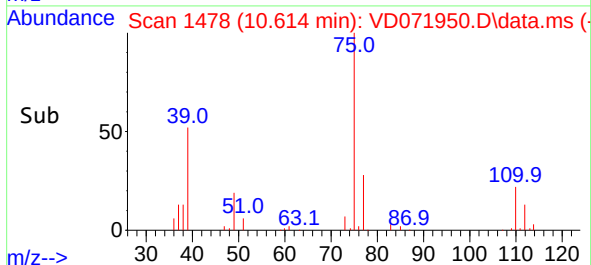
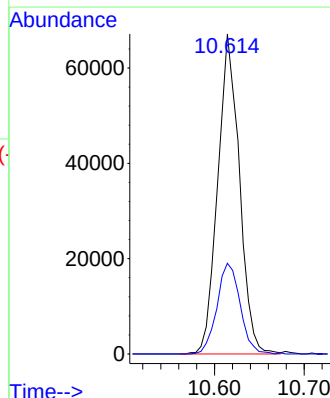
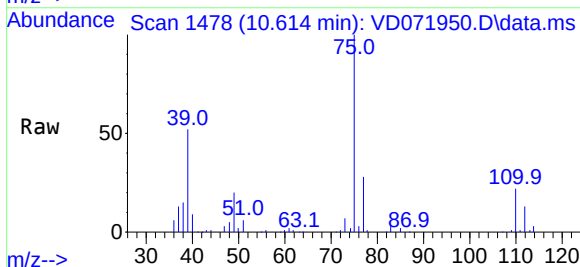
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

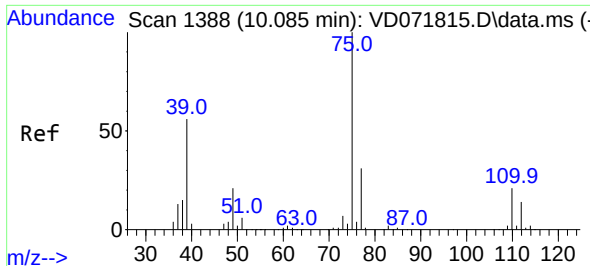
Tgt Ion: 92 Resp: 211192  
Ion Ratio Lower Upper  
92 100  
91 177.2 139.6 209.4



#53  
t-1,3-Dichloropropene  
Concen: 19.772 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 75 Resp: 112548  
Ion Ratio Lower Upper  
75 100  
77 28.3 24.5 36.7



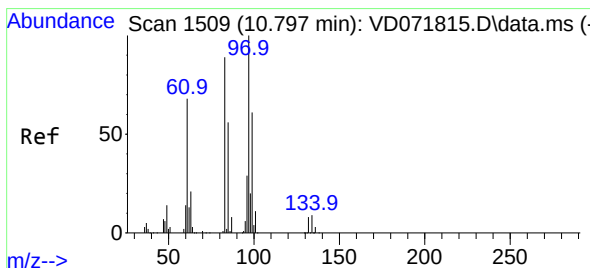
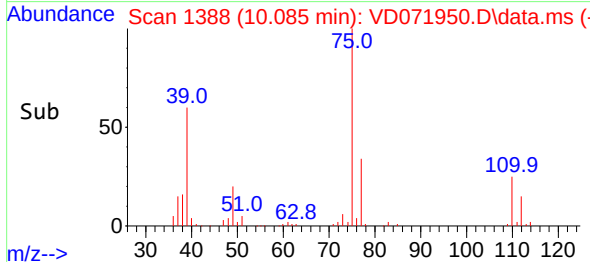
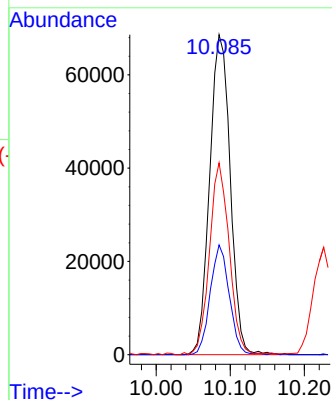
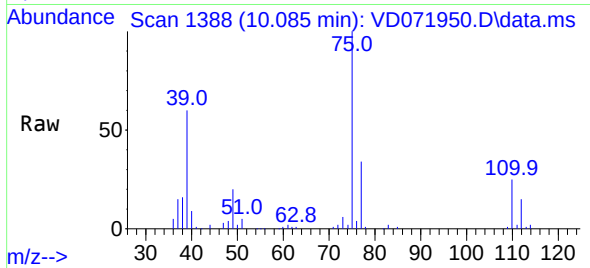


#54  
cis-1,3-Dichloropropene  
Concen: 19.832 ug/l  
RT: 10.085 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion: 75 Resp: 132325

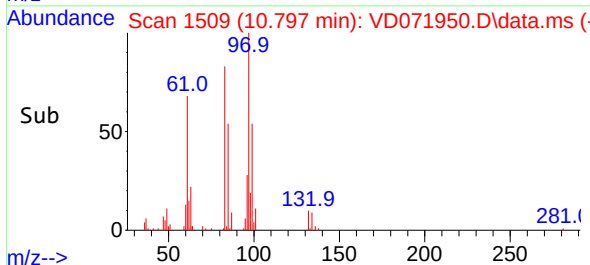
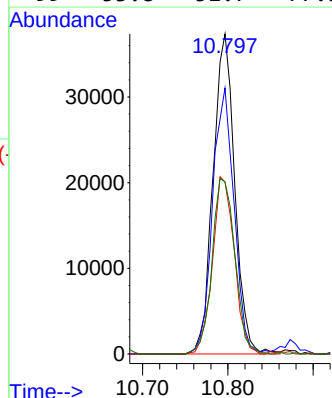
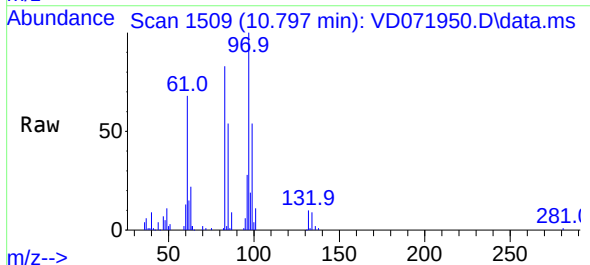
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 34.3  | 24.8  | 37.2  |
| 39  | 59.9  | 46.8  | 70.2  |

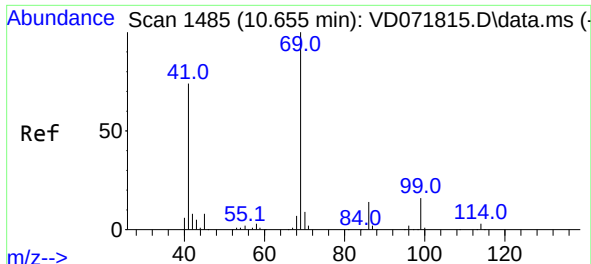


#55  
1,1,2-Trichloroethane  
Concen: 21.271 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 97 Resp: 66156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.1  | 69.0  | 103.4 |
| 85  | 53.7  | 42.6  | 63.8  |
| 99  | 53.8  | 51.7  | 77.5  |

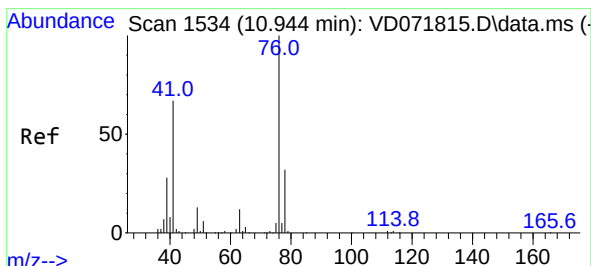
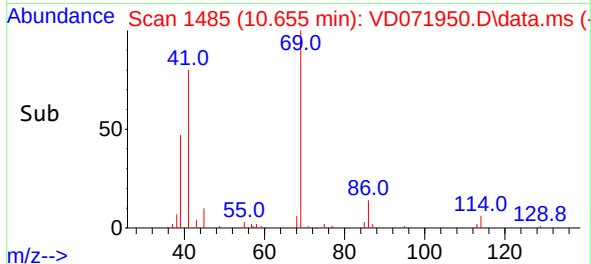
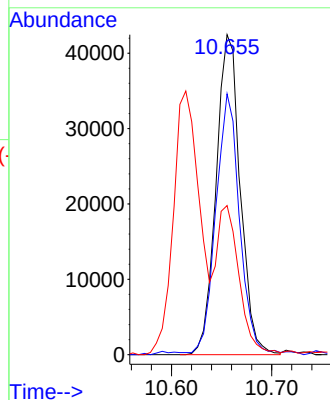
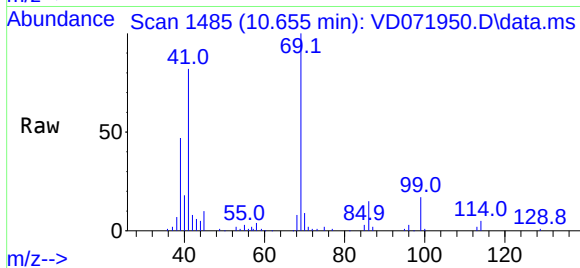




#56  
Ethyl methacrylate  
Concen: 18.434 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

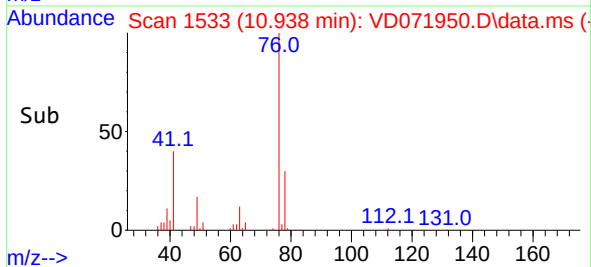
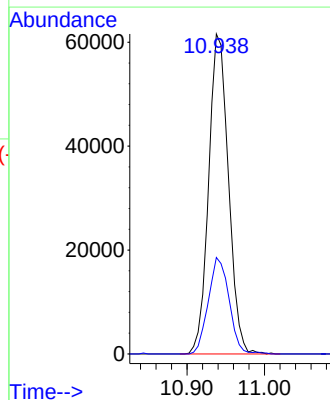
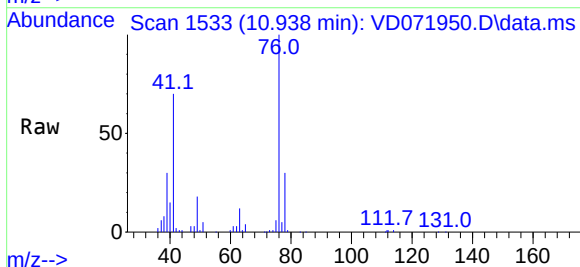
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion: 69 Resp: 70985  
Ion Ratio Lower Upper  
69 100  
41 80.7 63.0 94.6  
39 43.1 33.8 50.8

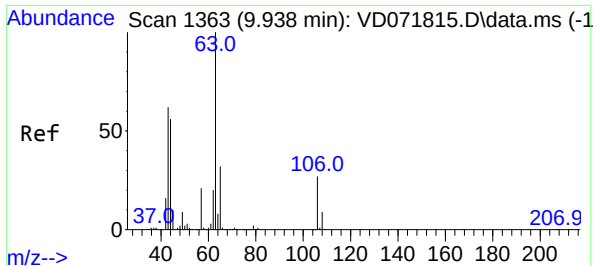


#57  
1,3-Dichloropropane  
Concen: 19.683 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 76 Resp: 109289  
Ion Ratio Lower Upper  
76 100  
78 31.7 26.0 39.0



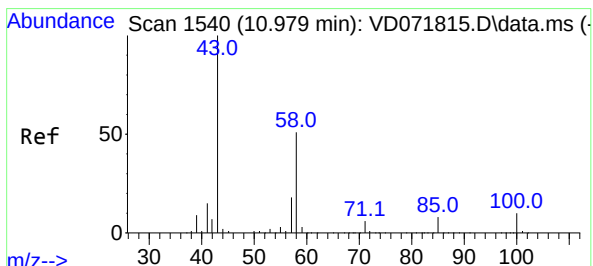
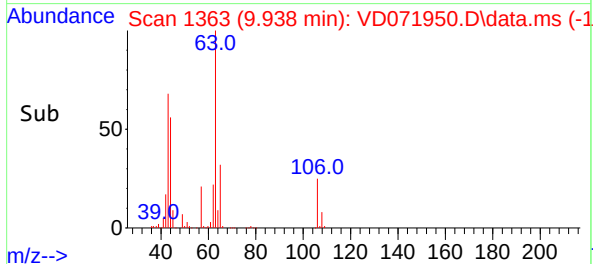
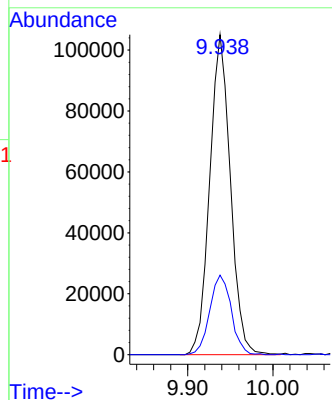
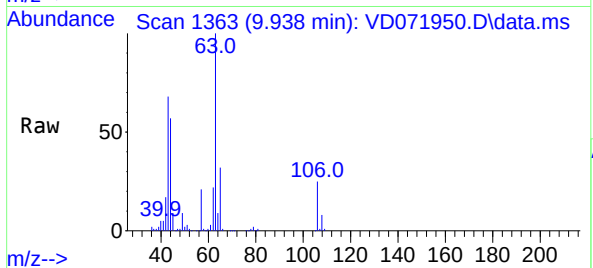




#58  
2-Chloroethyl Vinyl ether  
Concen: 97.749 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

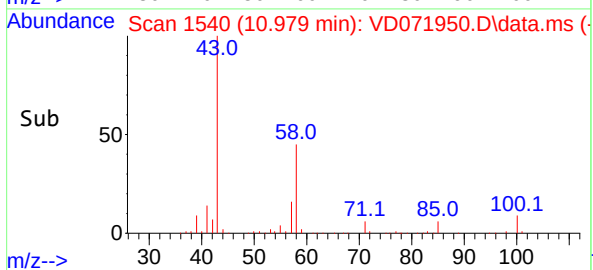
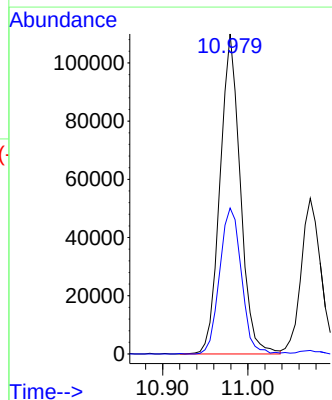
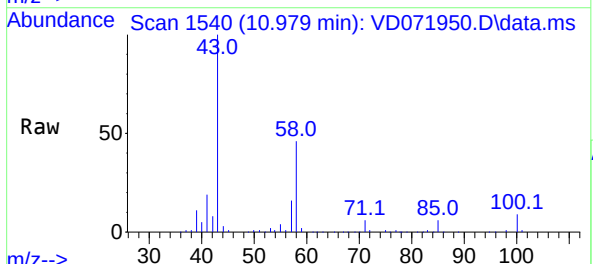
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

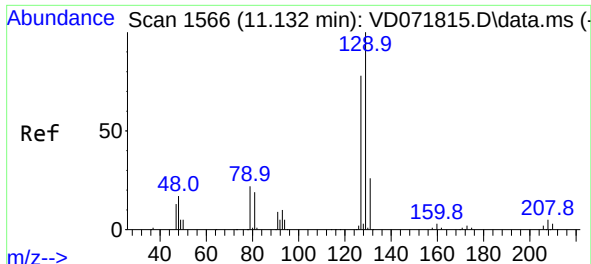
Tgt Ion: 63 Resp: 177193  
Ion Ratio Lower Upper  
63 100  
106 25.9 21.4 32.0



#59  
2-Hexanone  
Concen: 89.204 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 43 Resp: 182050  
Ion Ratio Lower Upper  
43 100  
58 49.0 25.3 75.9

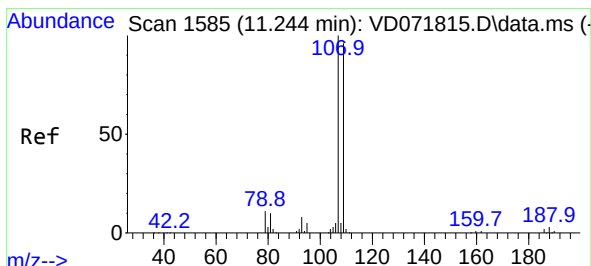
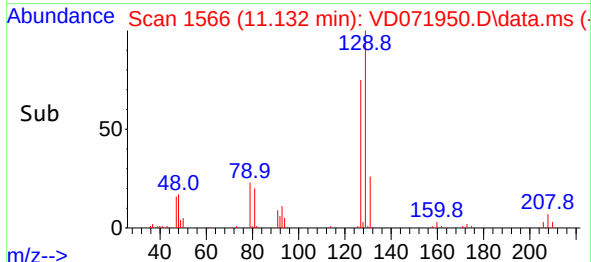
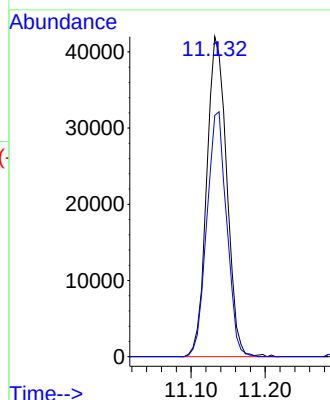
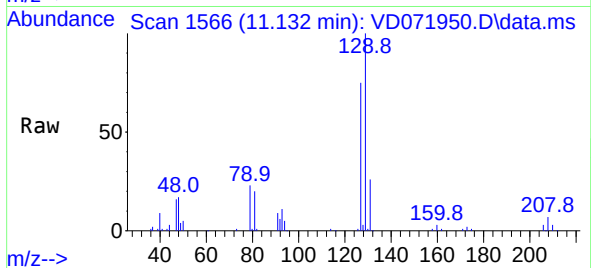




#60  
Dibromochloromethane  
Concen: 20.475 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

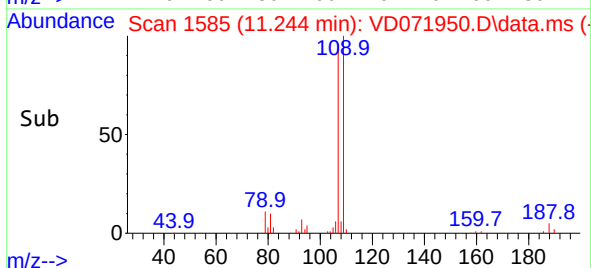
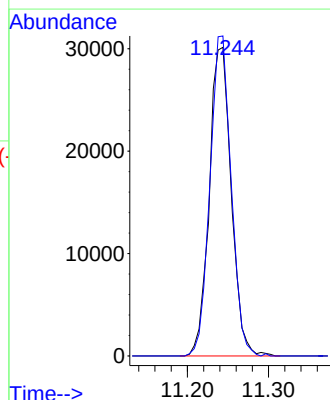
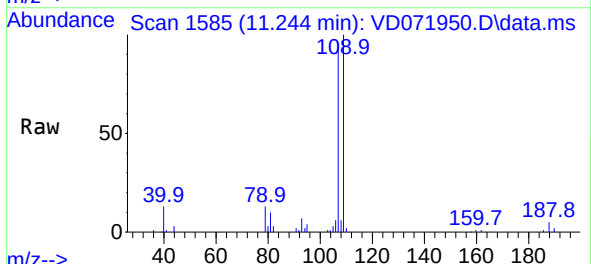
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

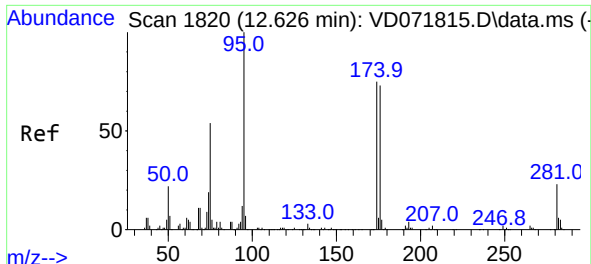
Tgt Ion:129 Resp: 78635  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.2 117.6



#61  
1,2-Dibromoethane  
Concen: 18.932 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:107 Resp: 56729  
Ion Ratio Lower Upper  
107 100  
109 99.9 74.2 111.4

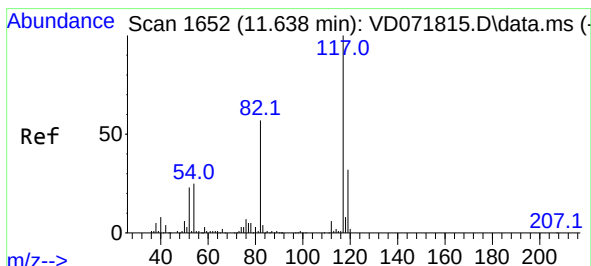
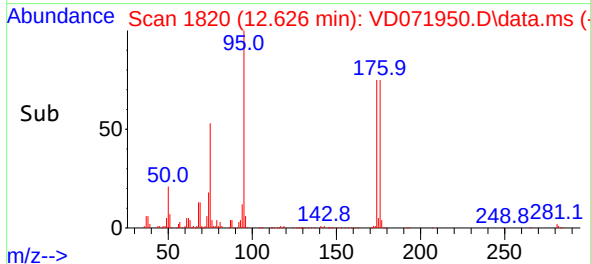
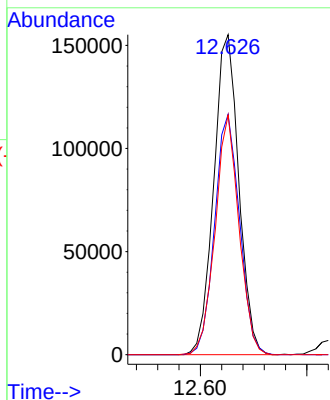
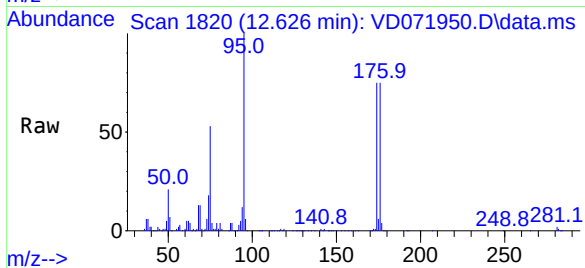




#62  
4-Bromofluorobenzene  
Concen: 51.728 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

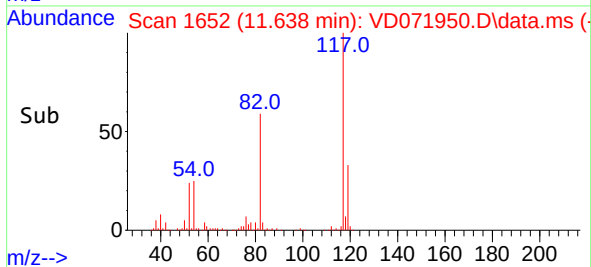
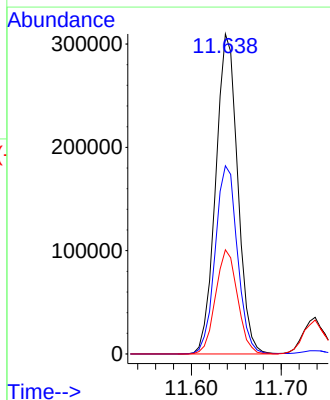
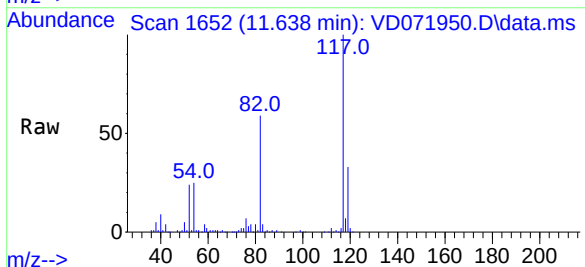
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

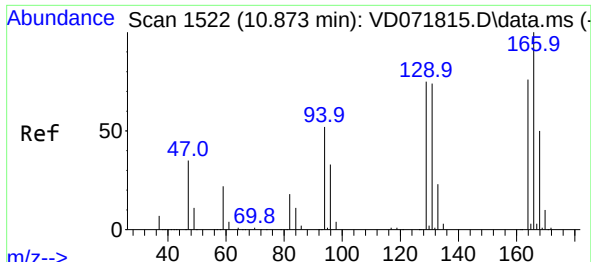
Tgt Ion: 95 Resp: 252746  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 152.8  
176 71.3 0.0 145.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

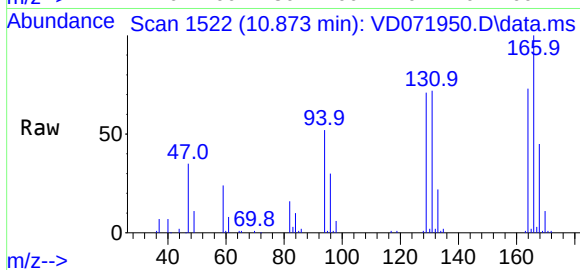
Tgt Ion: 117 Resp: 527033  
Ion Ratio Lower Upper  
117 100  
82 58.8 45.3 67.9  
119 32.6 26.6 40.0



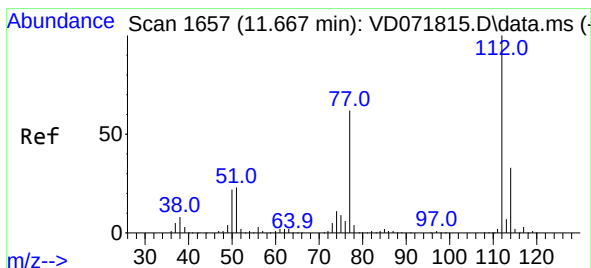
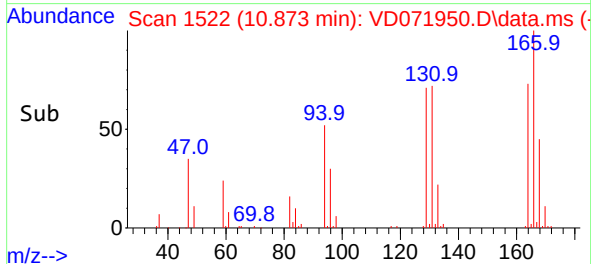
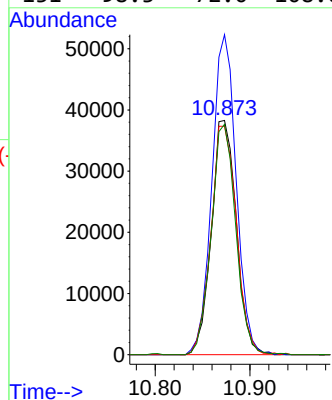


#64  
Tetrachloroethene  
Concen: 18.782 ug/l  
RT: 10.873 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

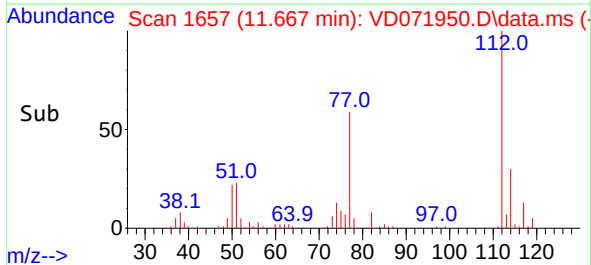
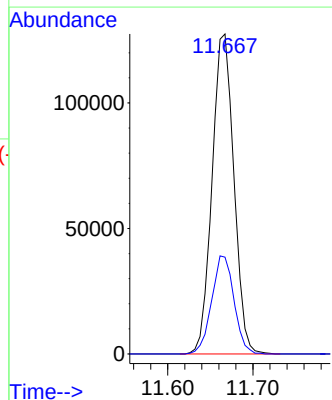
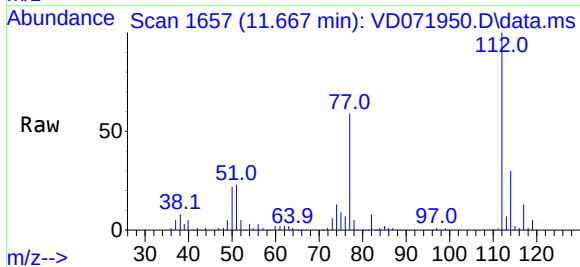


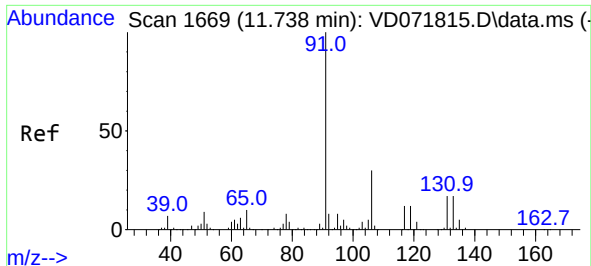
Tgt Ion:164 Resp: 70018  
Ion Ratio Lower Upper  
164 100  
166 136.6 98.5 147.7  
129 97.5 74.6 111.8  
131 98.3 72.0 108.0



#65  
Chlorobenzene  
Concen: 20.353 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:112 Resp: 226932  
Ion Ratio Lower Upper  
112 100  
114 30.2 25.8 38.6

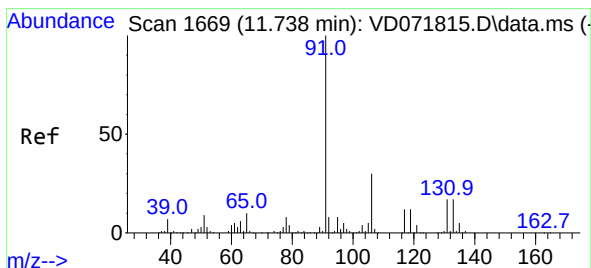
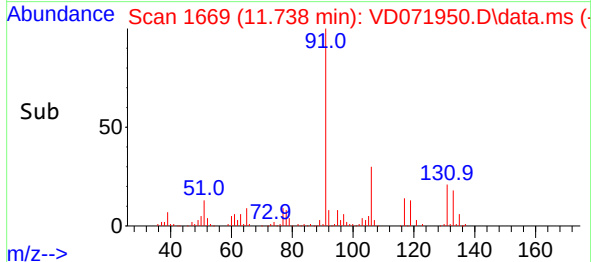
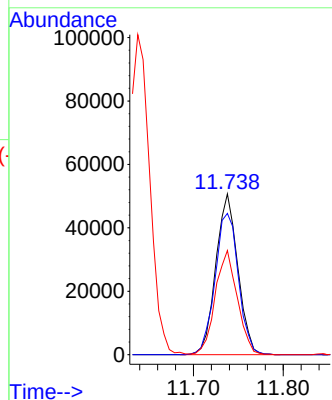
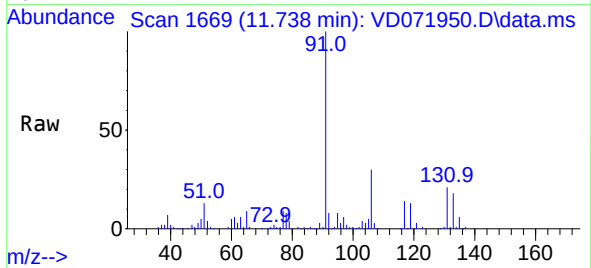




#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.235 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

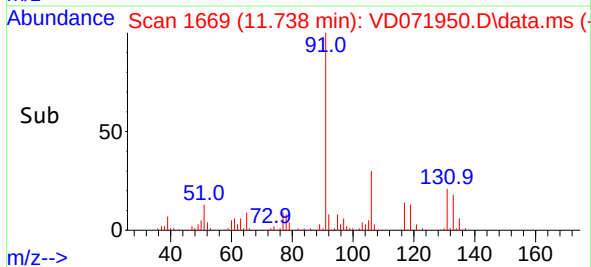
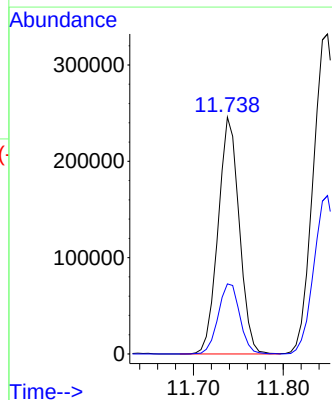
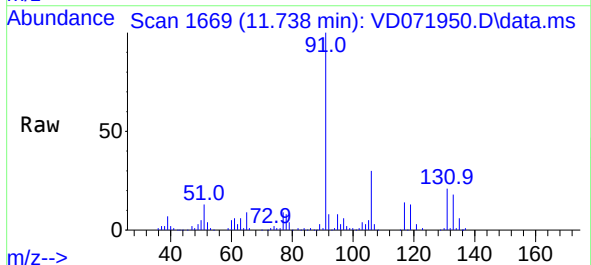
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

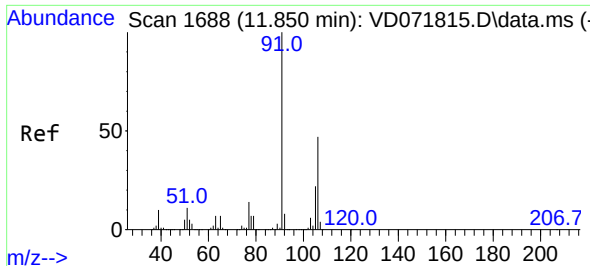
Tgt Ion:131 Resp: 86135  
Ion Ratio Lower Upper  
131 100  
133 93.7 48.1 144.3  
119 65.3 31.9 95.9



#67  
Ethyl Benzene  
Concen: 19.591 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 91 Resp: 401929  
Ion Ratio Lower Upper  
91 100  
106 29.6 24.2 36.4

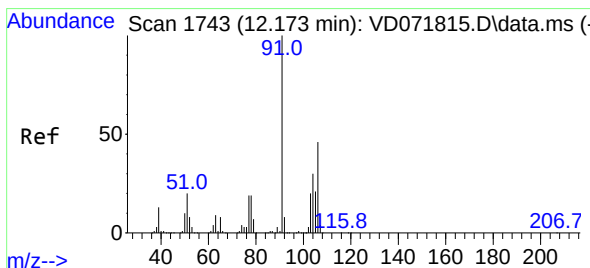
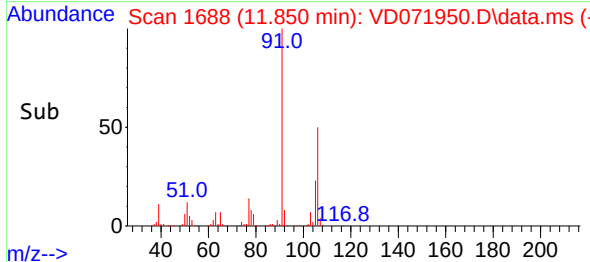
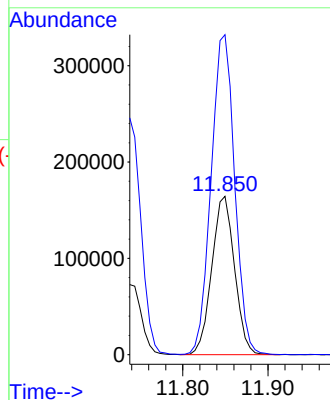
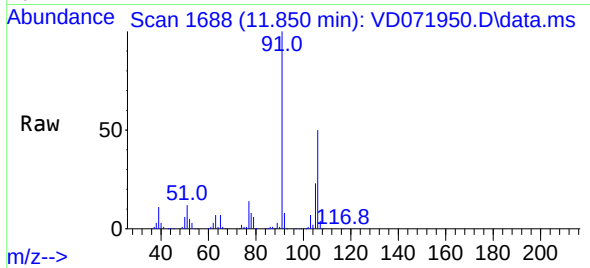




#68  
m/p-Xylenes  
Concen: 39.081 ug/l  
RT: 11.850 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

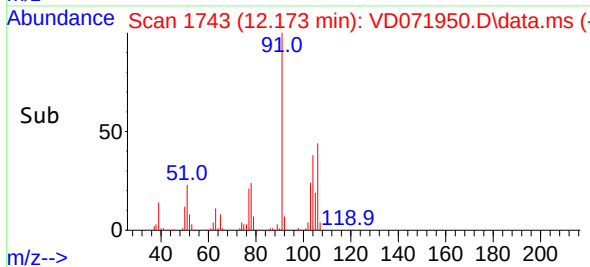
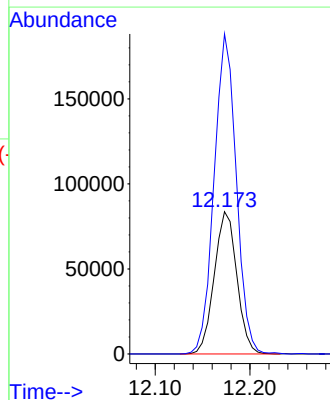
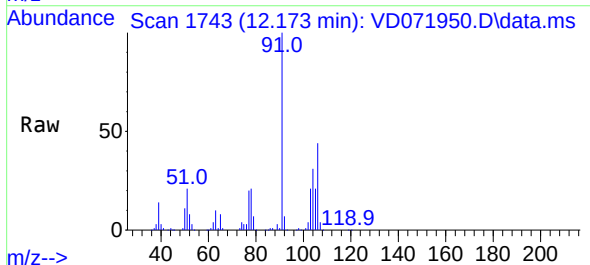
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

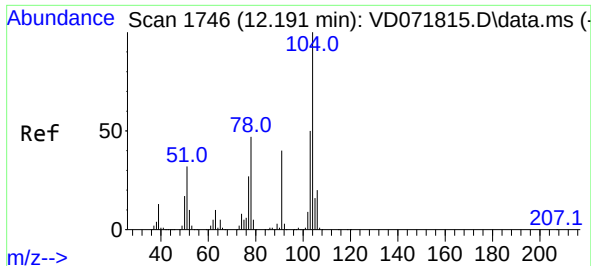
Tgt Ion:106 Resp: 304971  
Ion Ratio Lower Upper  
106 100  
91 209.1 163.7 245.5



#69  
o-Xylene  
Concen: 19.531 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:106 Resp: 138508  
Ion Ratio Lower Upper  
106 100  
91 221.1 110.4 331.2

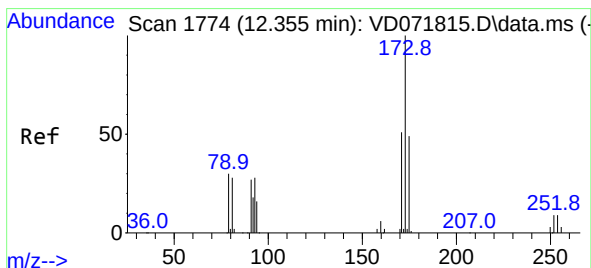
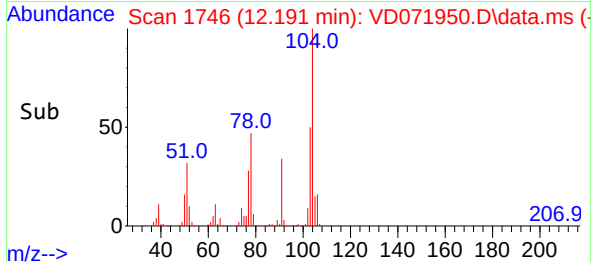
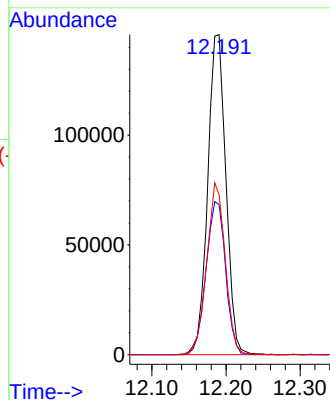
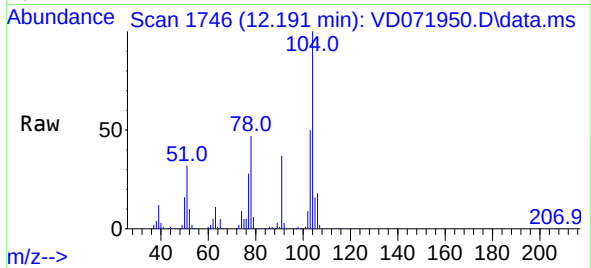




#70  
Styrene  
Concen: 20.309 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

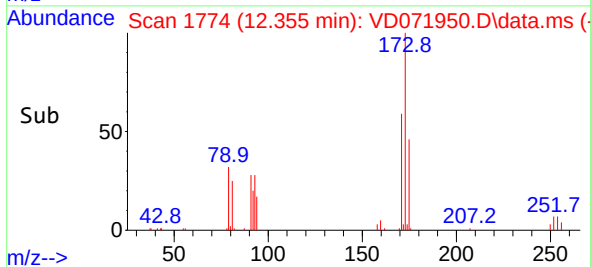
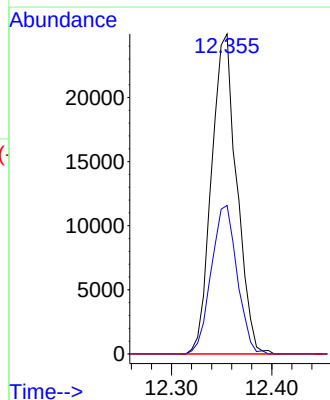
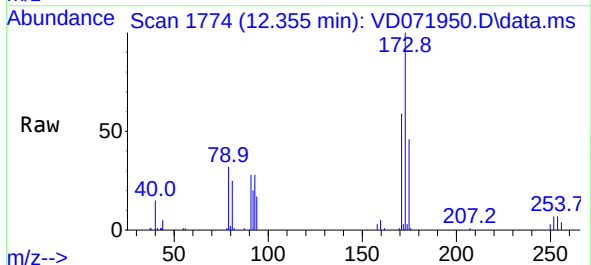
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

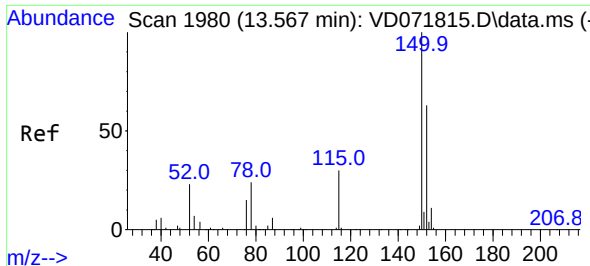
Tgt Ion:104 Resp: 248241  
Ion Ratio Lower Upper  
104 100  
78 51.7 41.8 62.8  
103 54.8 44.2 66.4



#71  
Bromoform  
Concen: 20.136 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:173 Resp: 43610  
Ion Ratio Lower Upper  
173 100  
175 47.5 23.9 71.8  
254 0.0 0.0 0.0

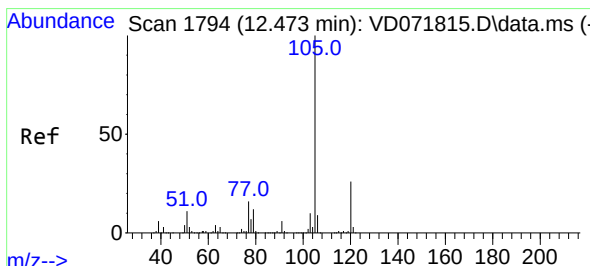
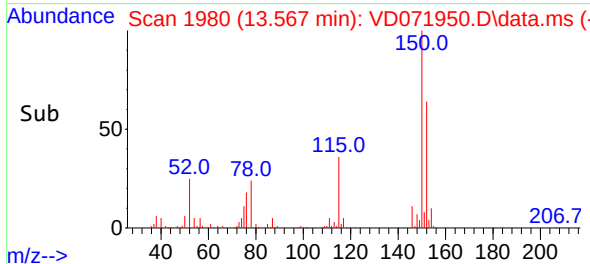
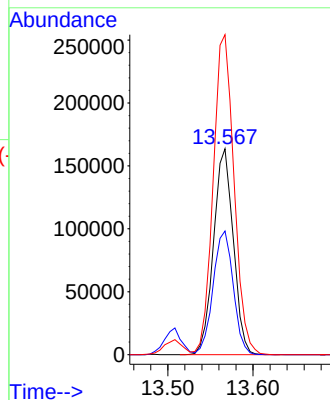
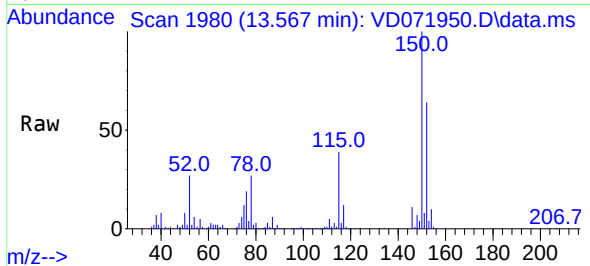




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

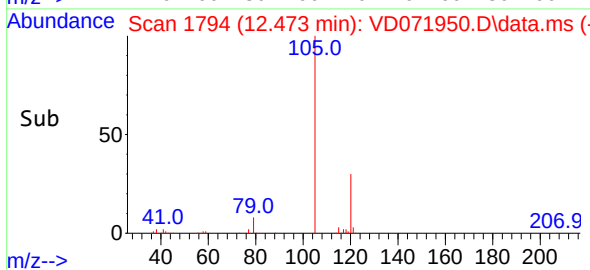
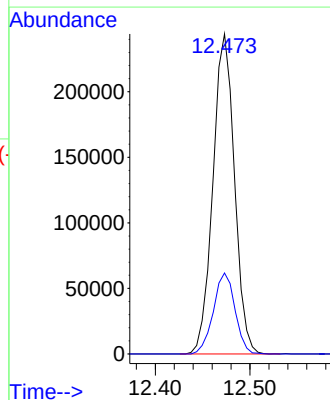
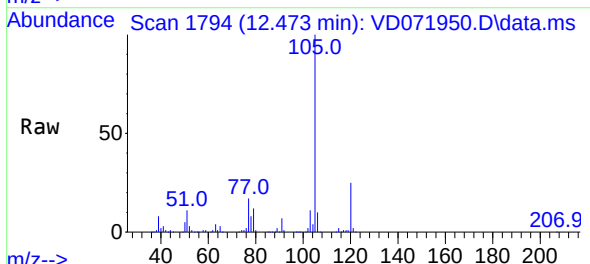
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion:152 Resp: 264269  
Ion Ratio Lower Upper  
152 100  
115 61.3 31.3 93.8  
150 163.9 0.0 348.6

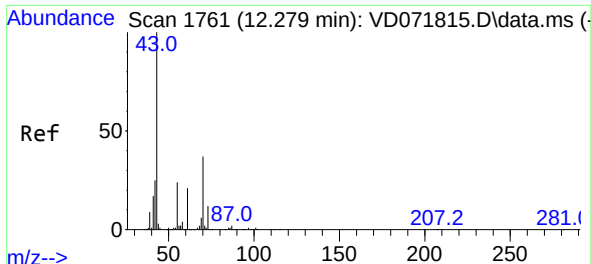


#73  
Isopropylbenzene  
Concen: 18.832 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:105 Resp: 385375  
Ion Ratio Lower Upper  
105 100  
120 25.4 13.0 38.9





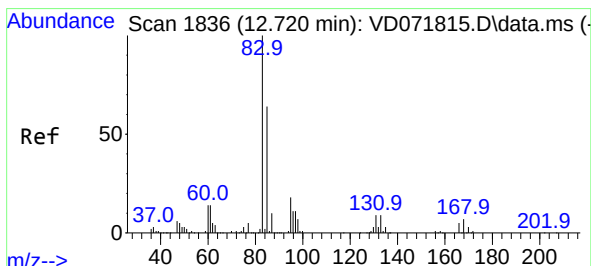
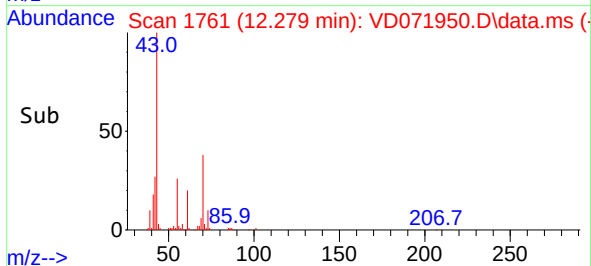
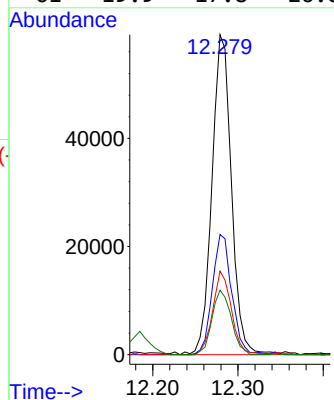
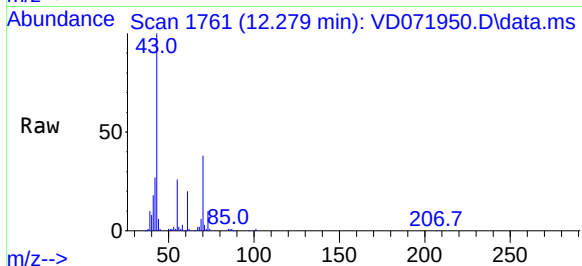


#74  
N-amy1 acetate  
Concen: 18.748 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion: 43 Resp: 94351

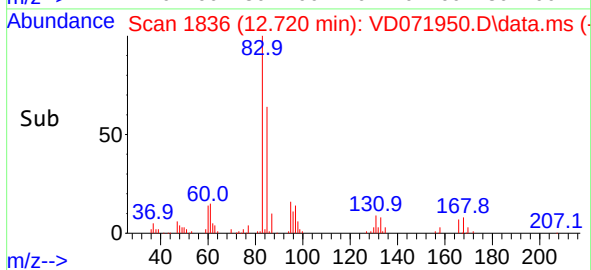
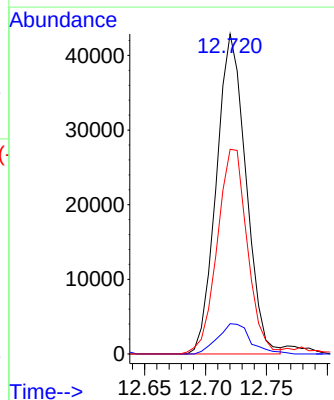
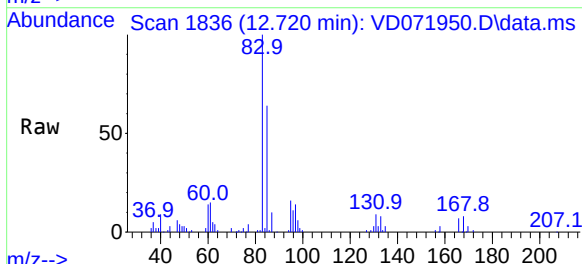
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 37.4  | 31.3  | 46.9  |
| 55  | 25.1  | 20.0  | 30.0  |
| 61  | 19.9  | 17.8  | 26.8  |

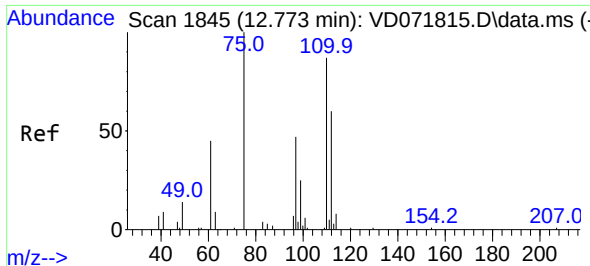


#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.119 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 83 Resp: 72400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.5  | 5.0   | 14.9  |
| 85  | 65.2  | 32.6  | 98.0  |

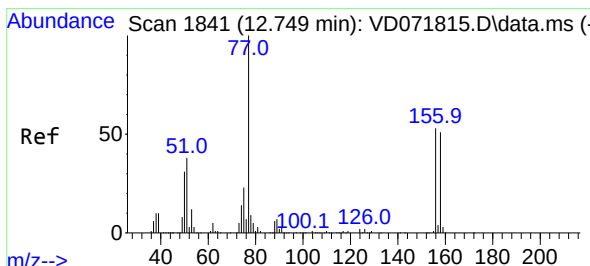
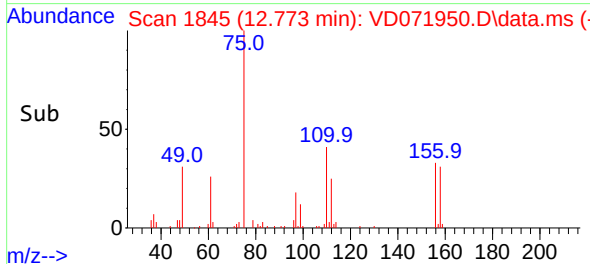
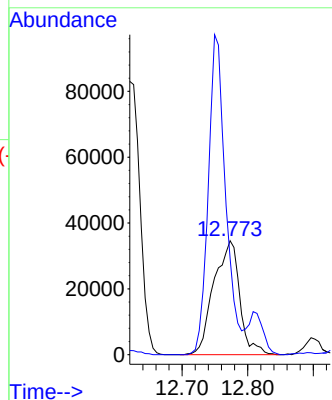
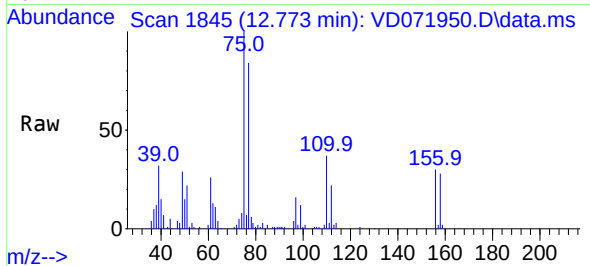




#76  
1,2,3-Trichloropropane  
Concen: 34.078 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

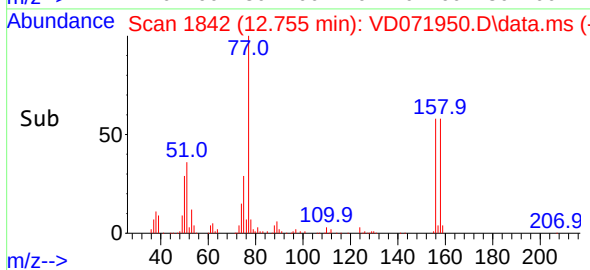
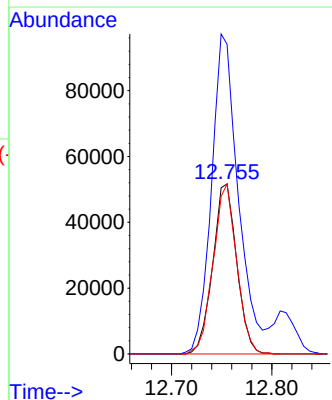
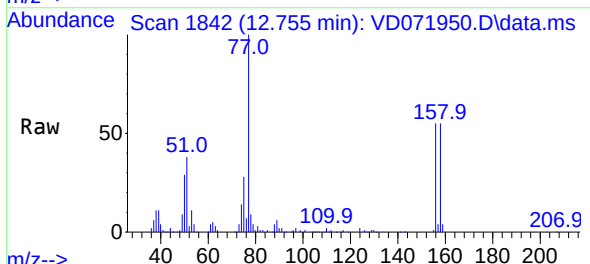
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

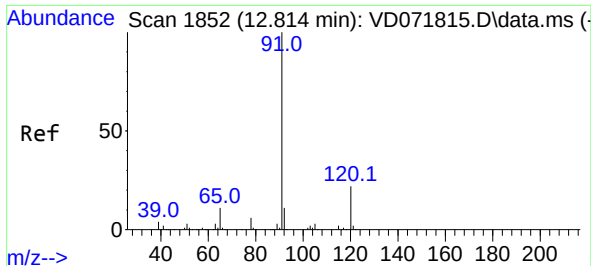
Tgt Ion: 75 Resp: 94909  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#77  
Bromobenzene  
Concen: 18.860 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:156 Resp: 85854  
Ion Ratio Lower Upper  
156 100  
77 208.6 102.8 308.3  
158 98.2 48.7 146.1

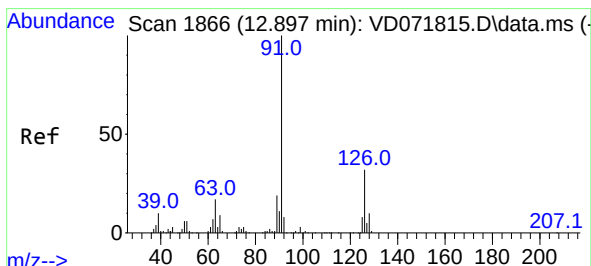
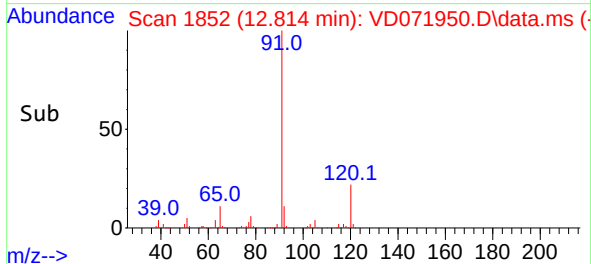
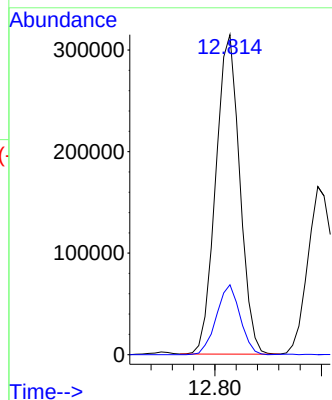
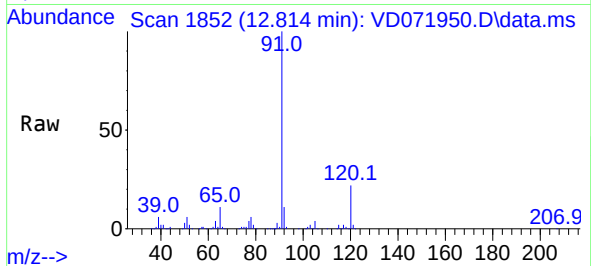




#78  
n-propylbenzene  
Concen: 19.188 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

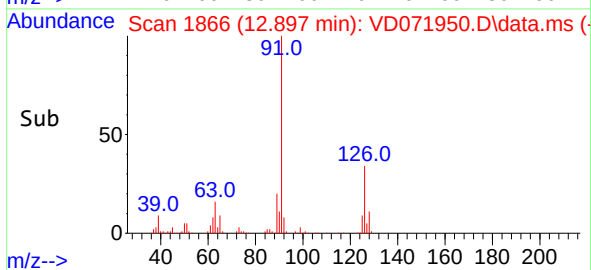
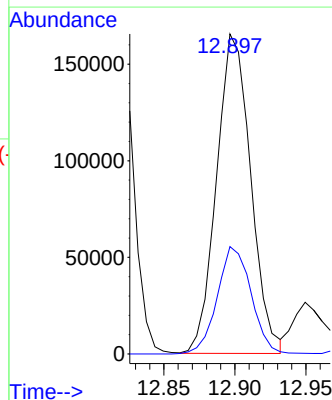
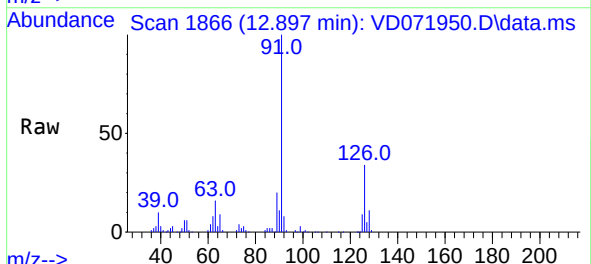
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

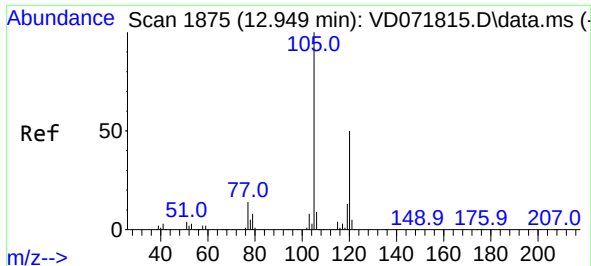
Tgt Ion: 91 Resp: 492347  
Ion Ratio Lower Upper  
91 100  
120 21.5 10.9 32.9



#79  
2-Chlorotoluene  
Concen: 19.012 ug/l  
RT: 12.897 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 91 Resp: 276447  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.2 48.6

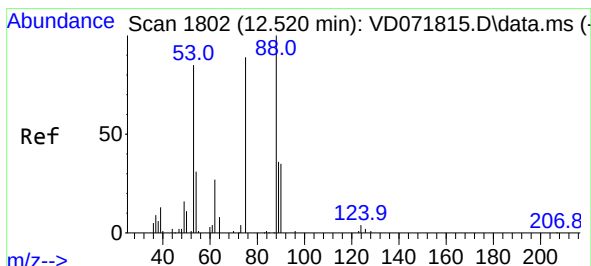
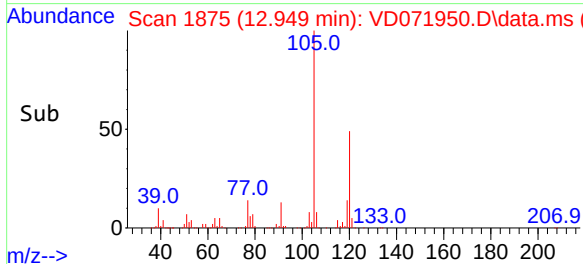
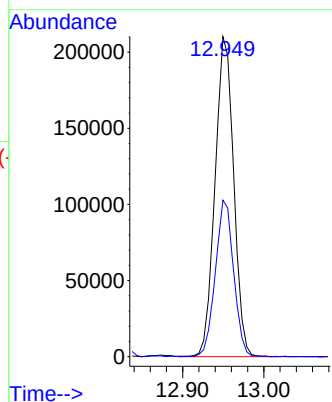
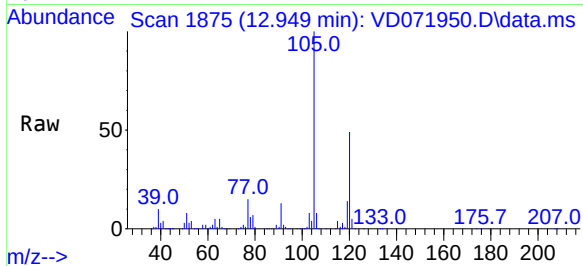




#80  
1,3,5-Trimethylbenzene  
Concen: 19.789 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

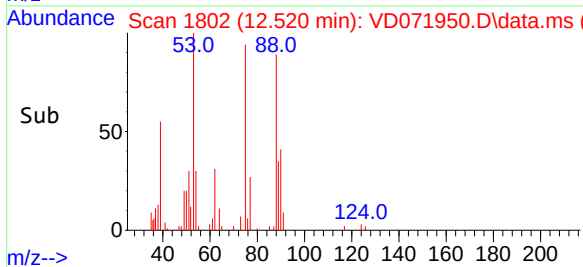
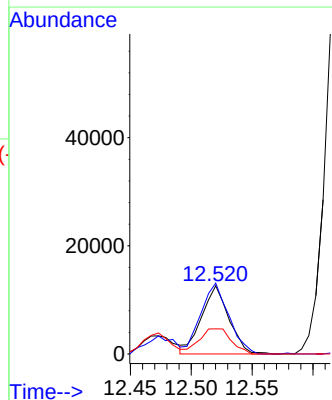
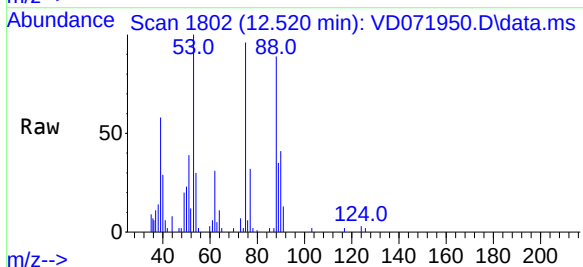
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

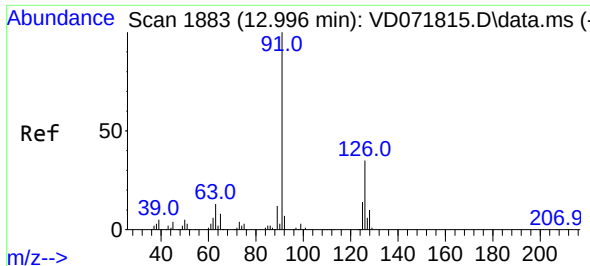
Tgt Ion:105 Resp: 335887  
Ion Ratio Lower Upper  
105 100  
120 48.0 24.3 72.8



#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.344 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 75 Resp: 19646  
Ion Ratio Lower Upper  
75 100  
53 107.3 86.5 129.7  
89 43.7 33.9 50.9

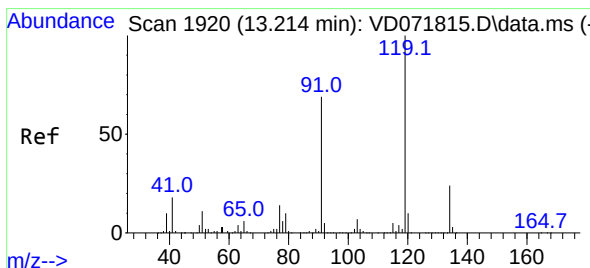
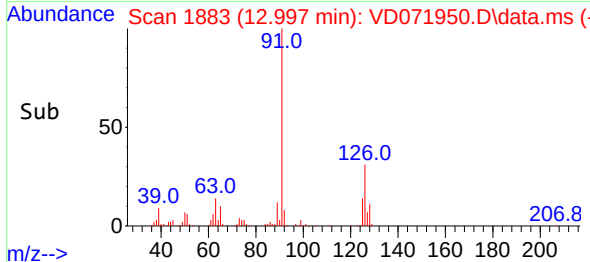
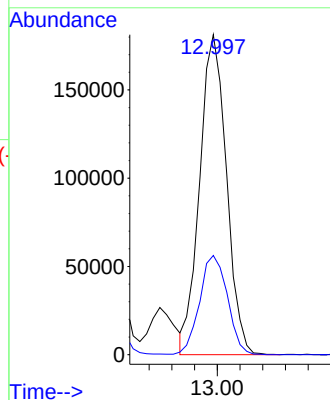
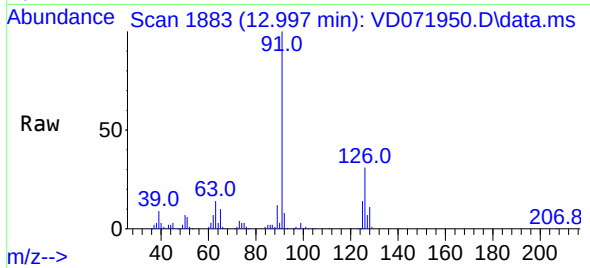




#82  
4-Chlorotoluene  
Concen: 19.634 ug/l  
RT: 12.997 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

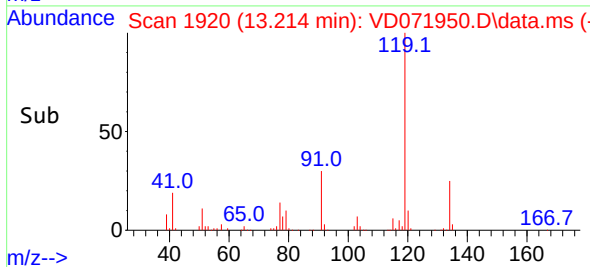
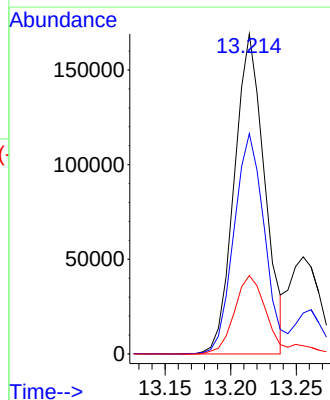
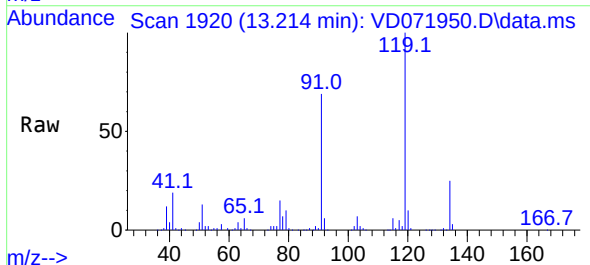
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

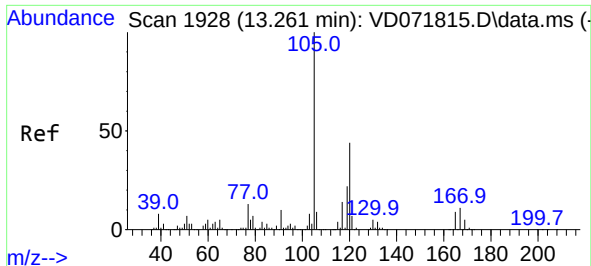
Tgt Ion: 91 Resp: 297033  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.5 49.5



#83  
tert-Butylbenzene  
Concen: 19.315 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 119 Resp: 271695  
Ion Ratio Lower Upper  
119 100  
91 70.0 34.8 104.5  
134 25.3 13.3 39.9

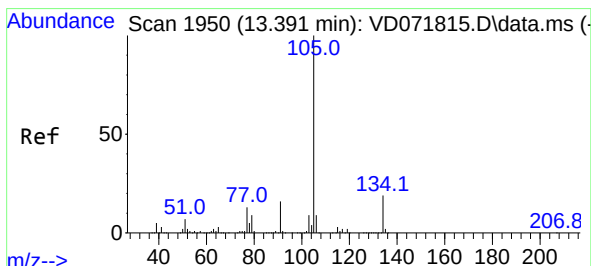
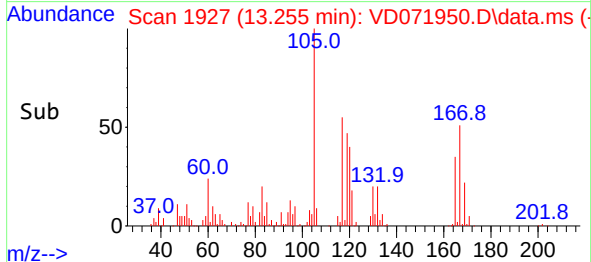
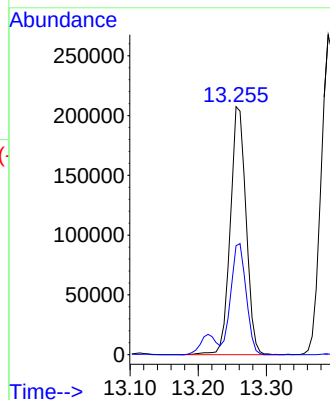
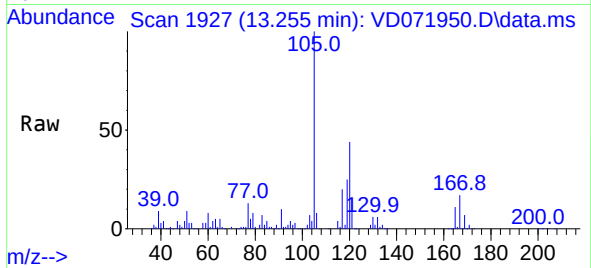




#84  
1,2,4-Trimethylbenzene  
Concen: 19.969 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

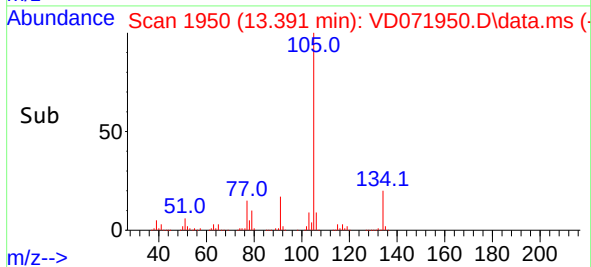
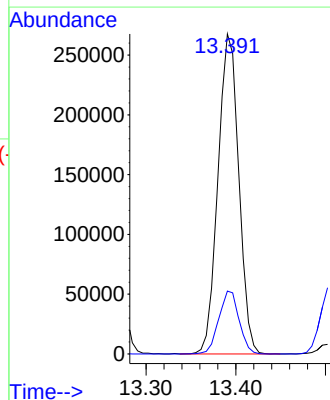
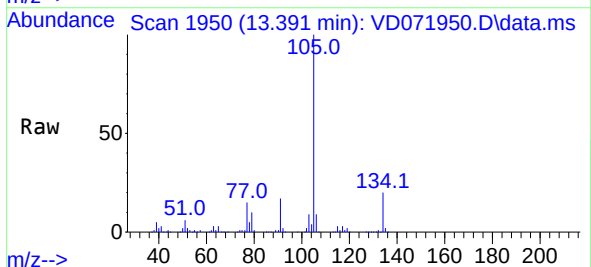
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

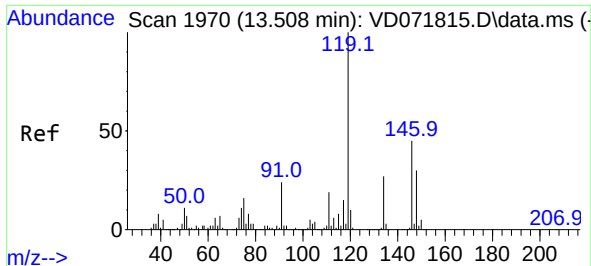
Tgt Ion:105 Resp: 333416  
Ion Ratio Lower Upper  
105 100  
120 43.7 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 19.562 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:105 Resp: 430573  
Ion Ratio Lower Upper  
105 100  
134 19.2 9.8 29.3

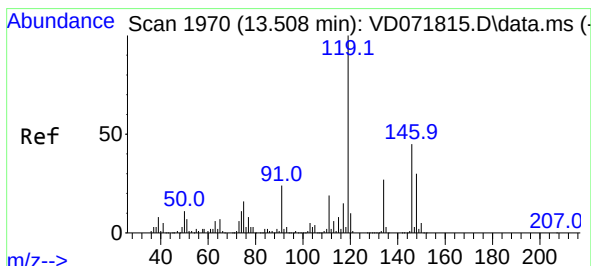
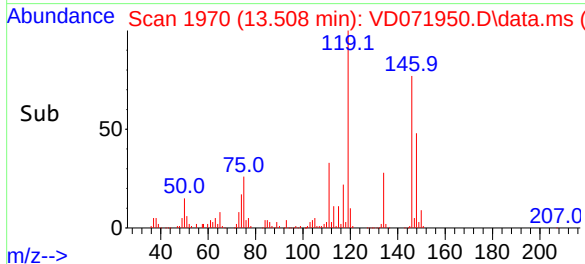
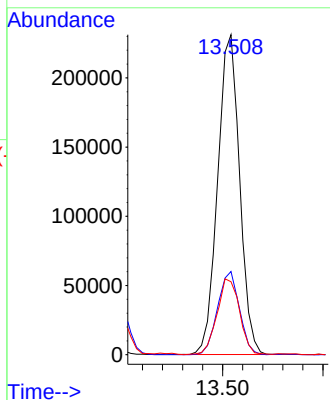
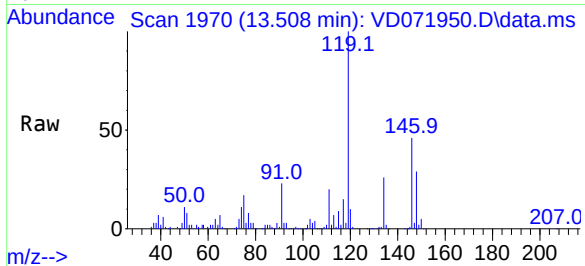




#86  
p-Isopropyltoluene  
Concen: 19.596 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

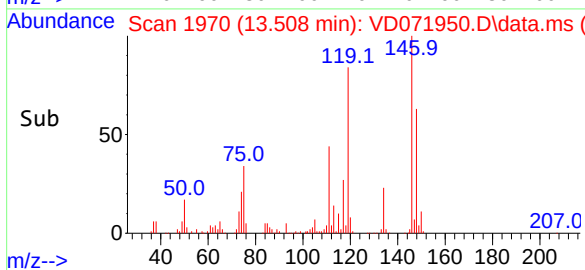
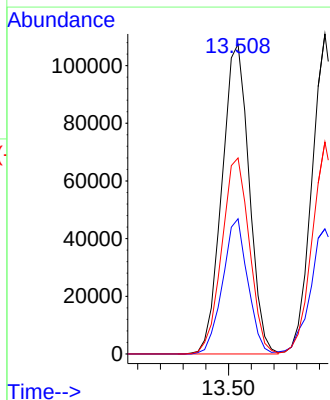
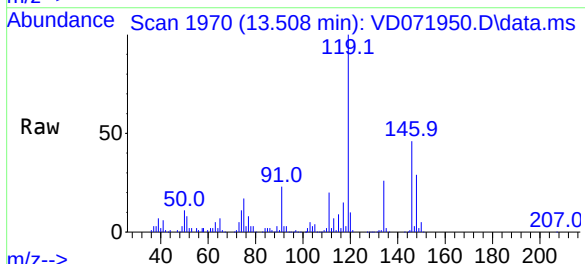
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

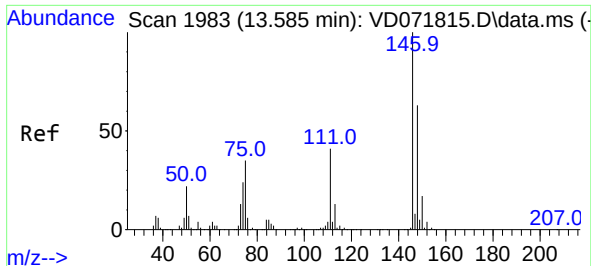
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 350483 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 134      | 25.8  | 12.9  | 38.6   |
| 91       | 24.5  | 12.1  | 36.3   |



#87  
1,3-Dichlorobenzene  
Concen: 19.330 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 178676 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 40.3  | 20.4  | 61.3   |
| 148      | 64.1  | 31.9  | 95.7   |

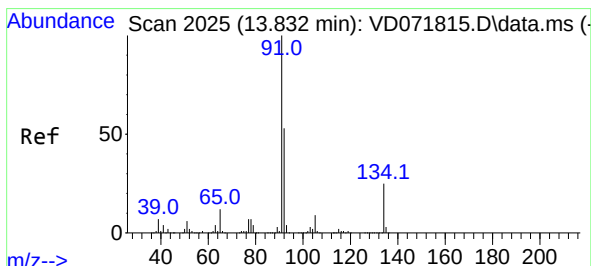
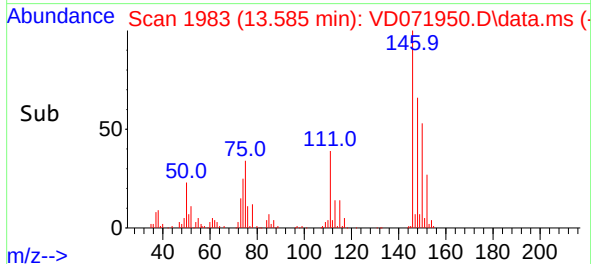
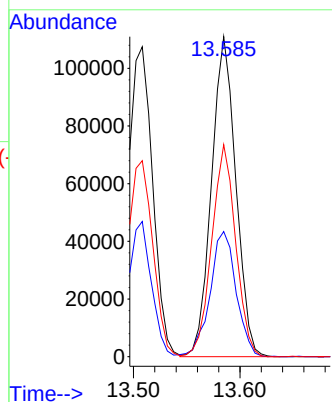
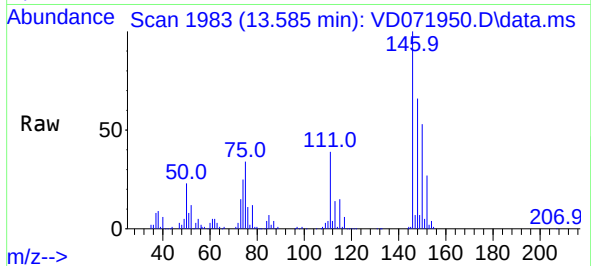




#88  
1,4-Dichlorobenzene  
Concen: 19.106 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

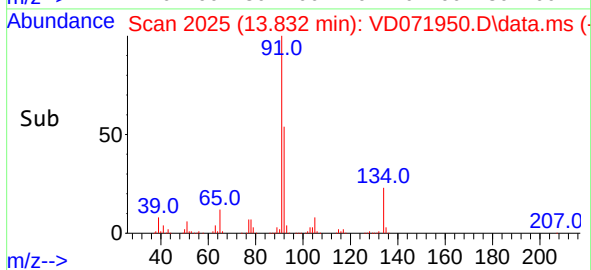
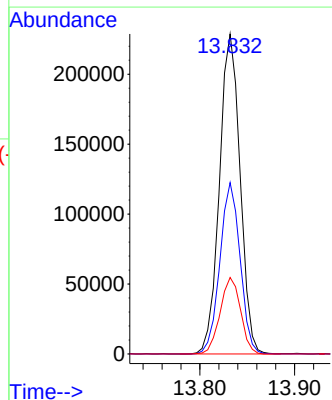
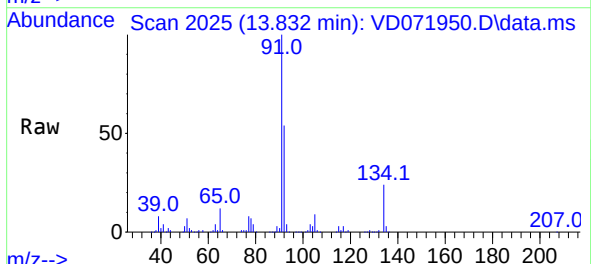
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

Tgt Ion:146 Resp: 176254  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.3 60.9  
148 65.3 31.7 95.1

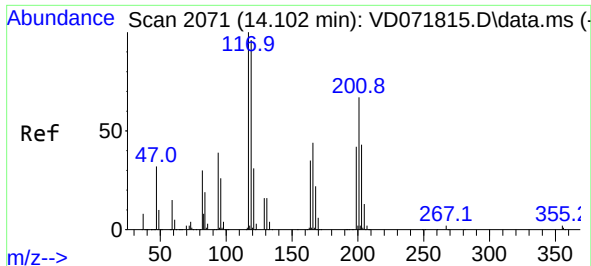


#89  
n-Butylbenzene  
Concen: 19.788 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion: 91 Resp: 347236  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.6 79.8  
134 23.6 12.3 36.9



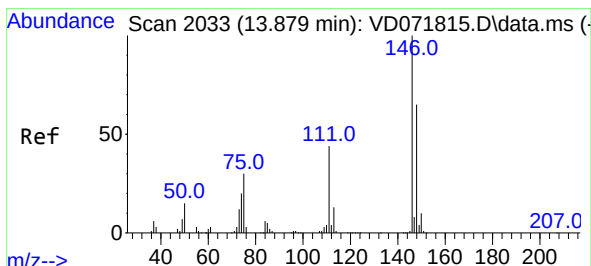
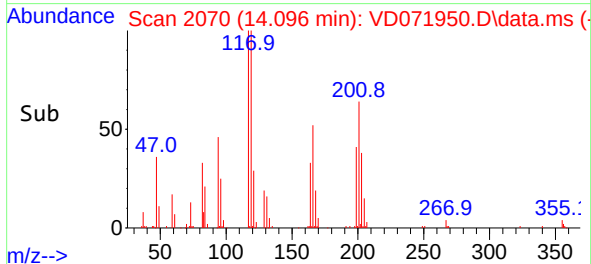
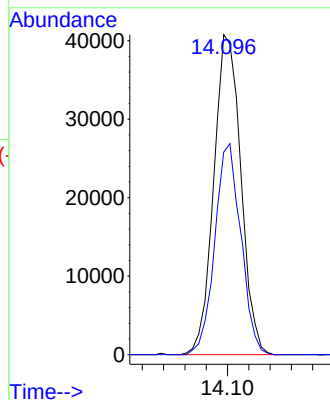
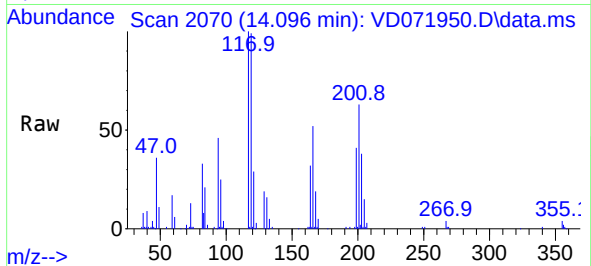




#90  
Hexachloroethane  
Concen: 20.263 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

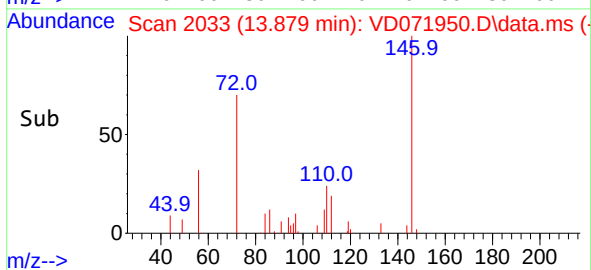
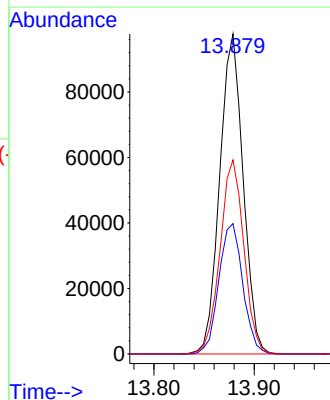
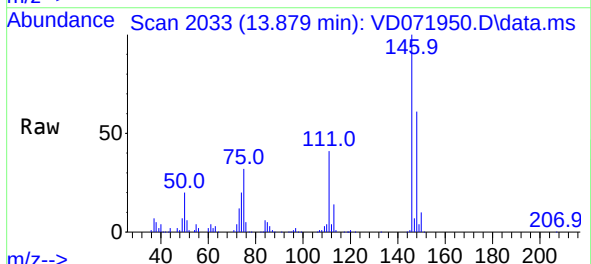
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

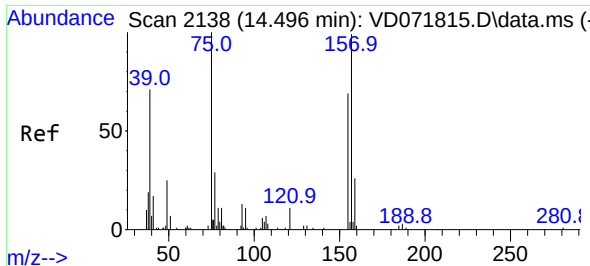
Tgt Ion:117 Resp: 72041  
Ion Ratio Lower Upper  
117 100  
201 63.4 33.4 100.2



#91  
1,2-Dichlorobenzene  
Concen: 20.041 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:146 Resp: 158526  
Ion Ratio Lower Upper  
146 100  
111 41.7 21.1 63.3  
148 61.6 31.7 95.1

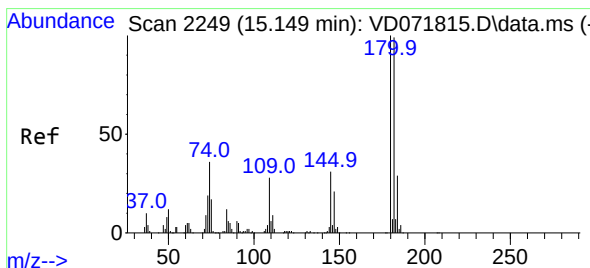
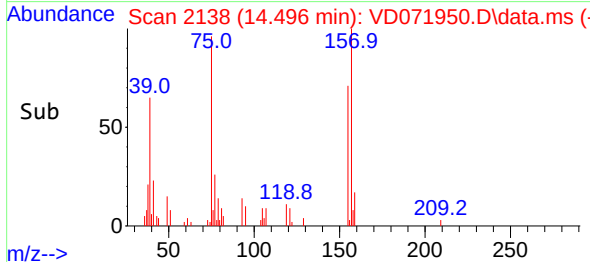
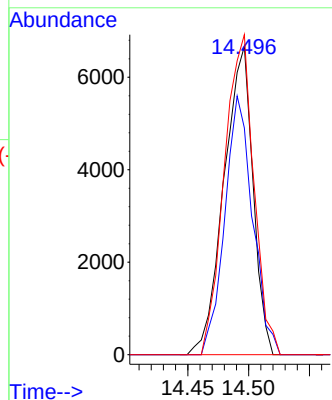
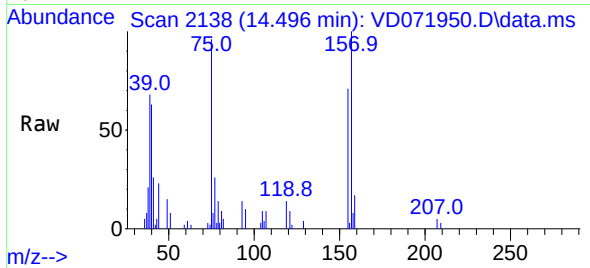




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.578 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

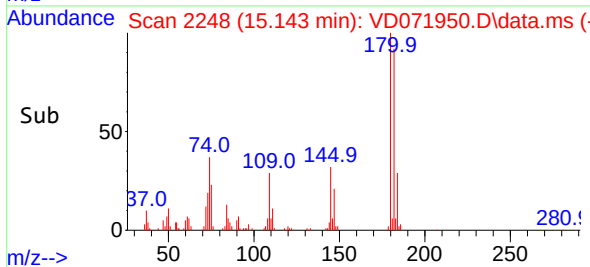
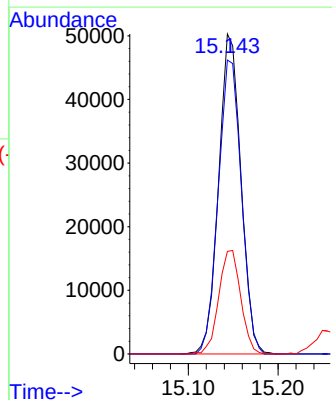
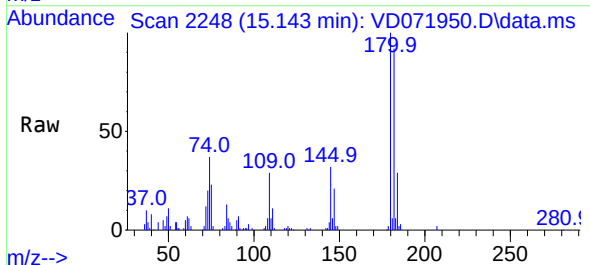
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

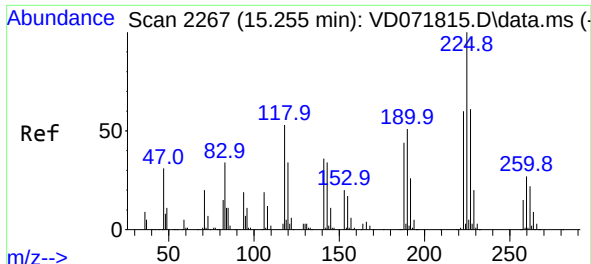
Tgt Ion: 75 Resp: 11024  
Ion Ratio Lower Upper  
75 100  
155 80.9 36.8 110.3  
157 105.9 48.4 145.0



#93  
1,2,4-Trichlorobenzene  
Concen: 18.772 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:180 Resp: 86746  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.3 142.0  
145 31.8 16.2 48.5

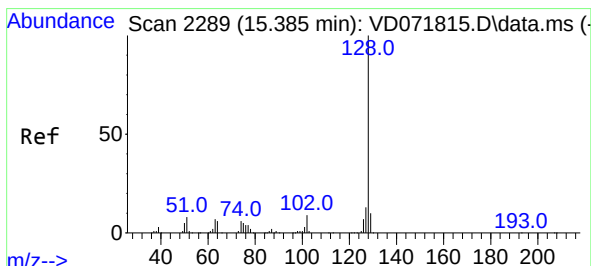
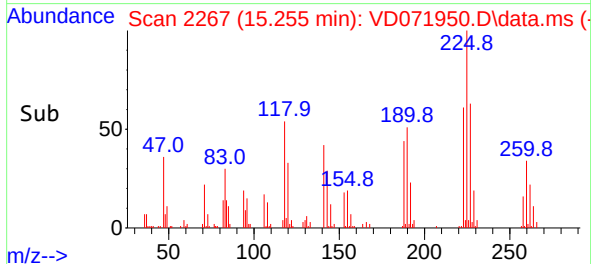
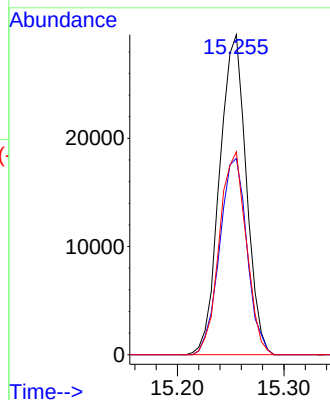
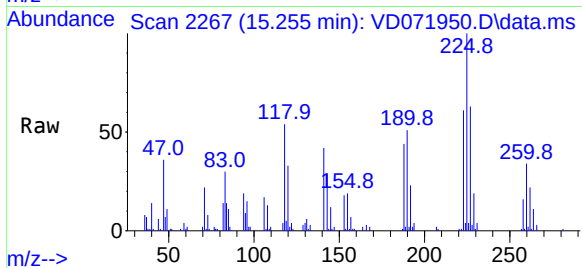




#94  
Hexachlorobutadiene  
Concen: 20.387 ug/l  
RT: 15.255 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

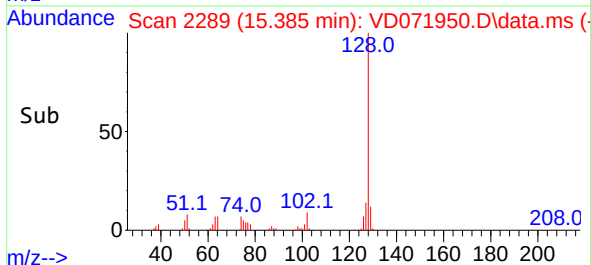
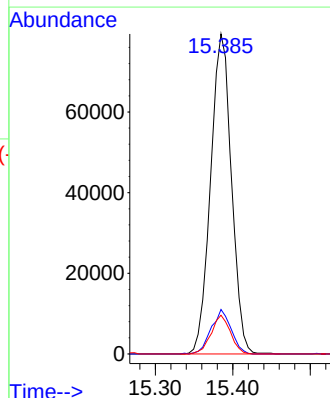
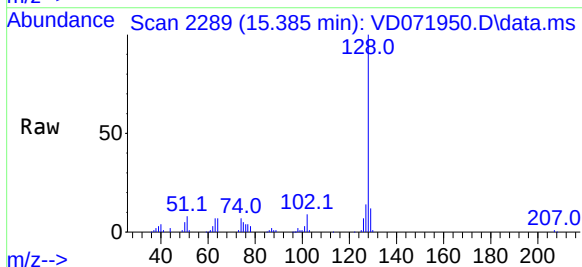
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0214SBSD01

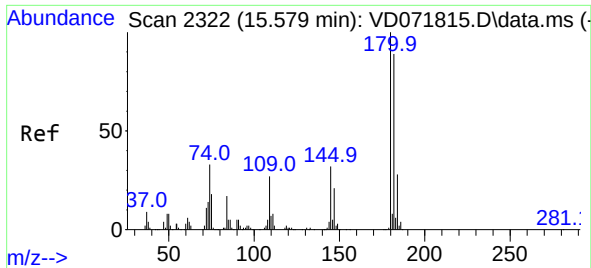
Tgt Ion:225 Resp: 51368  
Ion Ratio Lower Upper  
225 100  
223 63.0 31.1 93.2  
227 64.0 32.4 97.0



#95  
Naphthalene  
Concen: 17.197 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. 0.000 min  
Lab File: VD071950.D  
Acq: 14 Feb 2022 11:56

Tgt Ion:128 Resp: 148856  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.3 15.5  
129 11.2 8.4 12.6





#96  
 1,2,3-Trichlorobenzene  
 Concen: 19.568 ug/l  
 RT: 15.579 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VD071950.D  
 Acq: 14 Feb 2022 11:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0214SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.2  | 47.6  | 142.9 |
| 145     | 34.6  | 17.1  | 51.3  |

