

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061522\  
 Data File : VD073602.D  
 Acq On : 15 Jun 2022 20:28  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 16 06:04:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 12:33:32 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 322301   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.856  | 114  | 543422   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.632 | 117  | 524034   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 256546   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 190050   | 54.948   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.900% |      |
| 35) Dibromofluoromethane    | 7.909  | 113   | 196518   | 56.238   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 112.480% |      |
| 50) Toluene-d8              | 10.332 | 98    | 753482   | 57.030   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 114.060% |      |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 280899   | 58.566   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 117.140% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 146357  | 47.617  | ug/l   | 99  |
| 3) Chloromethane             | 2.209 | 50  | 160899  | 51.045  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.344 | 62  | 153506  | 51.939  | ug/l   | 97  |
| 5) Bromomethane              | 2.750 | 94  | 106709  | 50.365  | ug/l   | 91  |
| 6) Chloroethane              | 2.915 | 64  | 100411  | 53.314  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.262 | 101 | 300244  | 51.844  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.703 | 74  | 96105   | 57.986  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 4.085 | 101 | 183499  | 55.402  | ug/l   | 94  |
| 10) Methyl Iodide            | 4.291 | 142 | 186747  | 47.202  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.221 | 59  | 73061   | 73.537  | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 4.056 | 96  | 167422  | 53.236  | ug/l   | 88  |
| 13) Acrolein                 | 3.915 | 56  | 25805   | 169.398 | ug/l   | 100 |
| 14) Allyl chloride           | 4.709 | 41  | 262972  | 56.169  | ug/l # | 90  |
| 15) Acrylonitrile            | 5.415 | 53  | 221448  | 297.542 | ug/l   | 98  |
| 16) Acetone                  | 4.150 | 43  | 159877  | 262.525 | ug/l # | 88  |
| 17) Carbon Disulfide         | 4.403 | 76  | 503941  | 50.555  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.715 | 43  | 95336   | 55.380  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 453867  | 60.471  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.956 | 84  | 216979  | 57.341  | ug/l   | 85  |
| 21) trans-1,2-Dichloroethene | 5.462 | 96  | 204165  | 53.667  | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.356 | 45  | 610760  | 60.455  | ug/l # | 94  |
| 23) Vinyl Acetate            | 6.303 | 43  | 1708521 | 311.731 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.256 | 63  | 366417  | 56.580  | ug/l   | 99  |
| 25) 2-Butanone               | 7.209 | 43  | 258952  | 288.984 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 293616  | 50.570  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.209 | 96  | 241177  | 58.645  | ug/l   | 88  |
| 28) Bromochloromethane       | 7.538 | 49  | 148351  | 58.366  | ug/l # | 75  |
| 29) Tetrahydrofuran          | 7.556 | 42  | 178615  | 312.468 | ug/l   | 90  |
| 30) Chloroform               | 7.703 | 83  | 398922  | 57.657  | ug/l   | 100 |
| 31) Cyclohexane              | 7.979 | 56  | 313274  | 53.768  | ug/l   | 89  |
| 32) 1,1,1-Trichloroethane    | 7.897 | 97  | 340485  | 55.850  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.103 | 75  | 285745  | 54.445  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.291 | 43  | 126237  | 59.546  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 8.085 | 117 | 297047  | 54.103  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.350 | 83  | 343654  | 56.188  | ug/l   | 96  |
| 40) Benzene                  | 8.344 | 78  | 840103  | 55.029  | ug/l   | 98  |

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 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 16 06:04:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 12:33:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.515  | 41   | 74795    | 65.075   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.414  | 62   | 239875   | 56.831   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 242611   | 59.480   | ug/l # | 93       |
| 44) Trichloroethene           | 9.109  | 130  | 233652   | 54.951   | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 216014   | 57.118   | ug/l   | 100      |
| 46) Dibromomethane            | 9.467  | 93   | 121398   | 56.982   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.650  | 83   | 305552   | 57.237   | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.450  | 41   | 123867   | 61.306   | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.456  | 88   | 29282    | 1194.988 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 628631   | 304.583  | ug/l   | 90       |
| 52) Toluene                   | 10.397 | 92   | 564780   | 57.681   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.608 | 75   | 281899   | 56.303   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 330297   | 56.328   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 174488   | 57.425   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.650 | 69   | 218674   | 62.813   | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 292347   | 59.070   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 398537   | 278.438  | ug/l   | 93       |
| 59) 2-Hexanone                | 10.973 | 43   | 433899   | 306.976  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.132 | 129  | 218444   | 58.249   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 171549   | 59.254   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.867 | 164  | 190383   | 53.364   | ug/l   | 94       |
| 65) Chlorobenzene             | 11.661 | 112  | 616554   | 57.183   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 230628   | 56.375   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.732 | 91   | 1082325  | 57.442   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.844 | 106  | 843769   | 114.113  | ug/l   | 97       |
| 69) o-Xylene                  | 12.167 | 106  | 403705   | 59.336   | ug/l   | 94       |
| 70) Styrene                   | 12.185 | 104  | 697351   | 59.420   | ug/l   | 97       |
| 71) Bromoform                 | 12.350 | 173  | 128388   | 57.395   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.467 | 105  | 1054790  | 59.318   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 241867   | 61.142   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 197794   | 58.594   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 246463   | 98.892   | ug/l # | 100      |
| 77) Bromobenzene              | 12.750 | 156  | 253654   | 58.409   | ug/l   | 89       |
| 78) n-propylbenzene           | 12.808 | 91   | 1296414  | 58.571   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.897 | 91   | 750016   | 58.295   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 906008   | 59.075   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 62699    | 59.049   | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 12.991 | 91   | 783080   | 57.733   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 755855   | 58.313   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 899727   | 58.779   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.385 | 105  | 1135692  | 58.488   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 962824   | 59.484   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 498234   | 56.187   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 498422   | 56.817   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.826 | 91   | 892744   | 58.467   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.097 | 117  | 187446   | 55.920   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 441857   | 57.772   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 30653    | 56.857   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.144 | 180  | 263859   | 57.611   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 140652   | 55.985   | ug/l   | 98       |
| 95) Naphthalene               | 15.379 | 128  | 510946   | 54.707   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 233941   | 58.497   | ug/l   | 99       |

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Acq On : 15 Jun 2022 20:28  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Jun 16 06:04:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060922S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 09 12:33:32 2022  
Response via : Initial Calibration

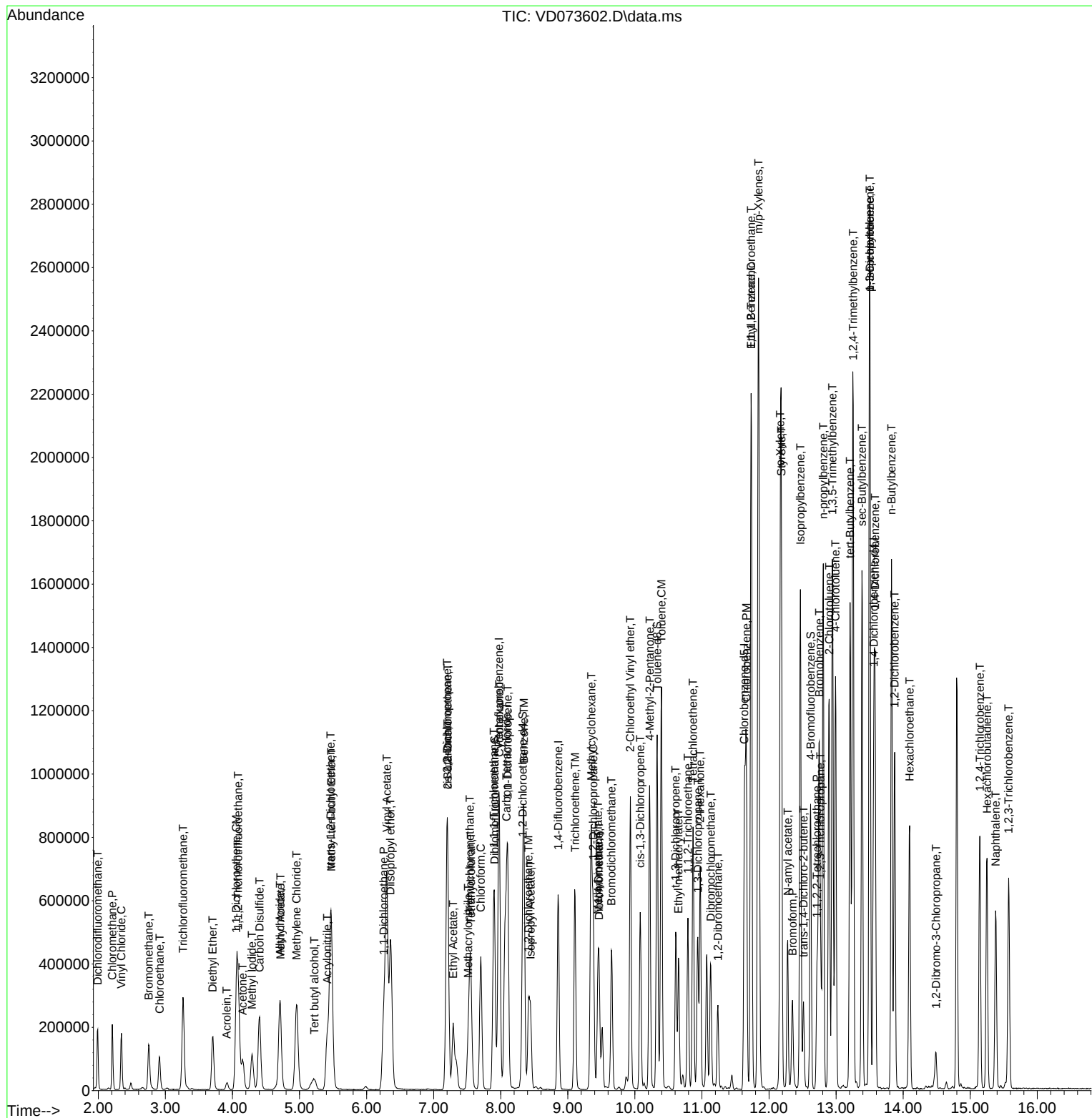
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

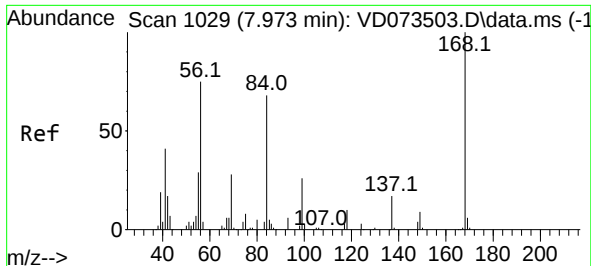
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061522\  
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 Sample : VSTDCCC050  
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 ALS Vial : 26 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 12:33:32 2022  
 Response via : Initial Calibration

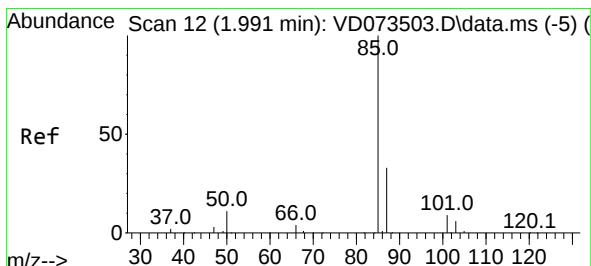
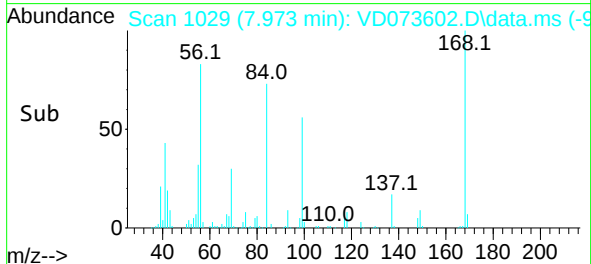
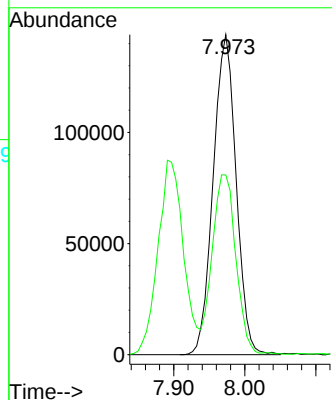
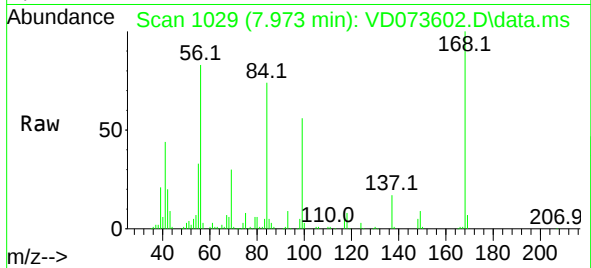




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

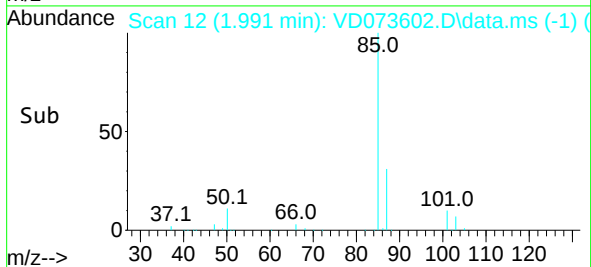
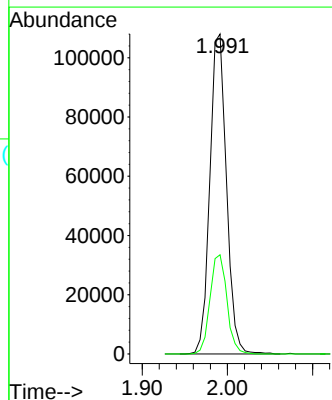
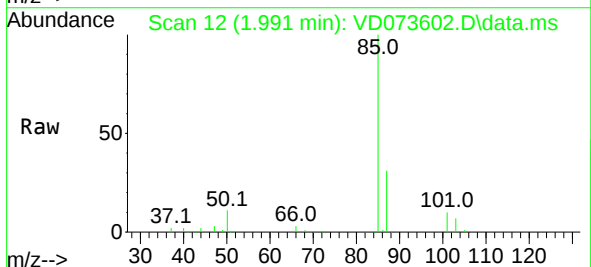
Instrument :  
MSVOA\_D  
ClientSampleId :

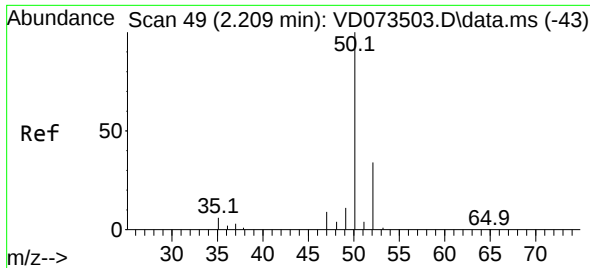
Tgt Ion:168 Resp: 322301  
Ion Ratio Lower Upper  
168 100  
99 55.8 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 47.617 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 85 Resp: 146357  
Ion Ratio Lower Upper  
85 100  
87 31.0 15.7 47.0

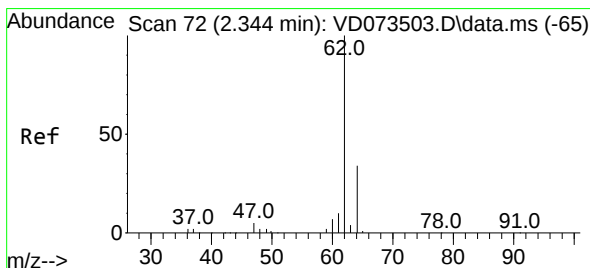
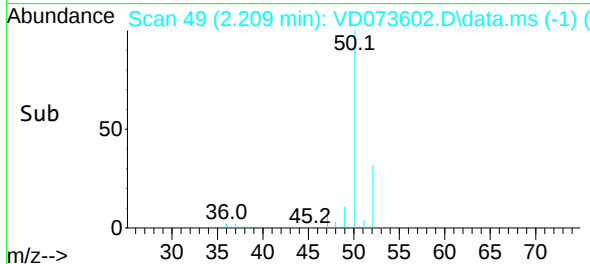
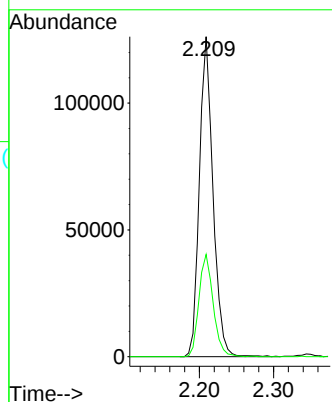
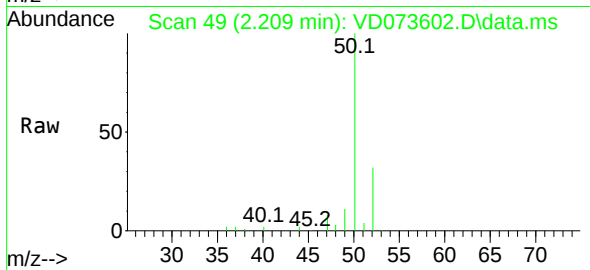




#3  
Chloromethane  
Concen: 51.045 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

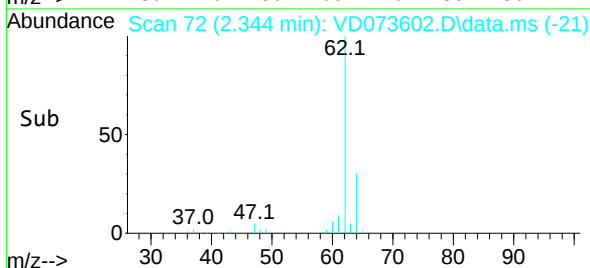
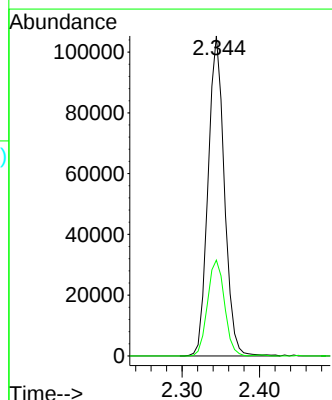
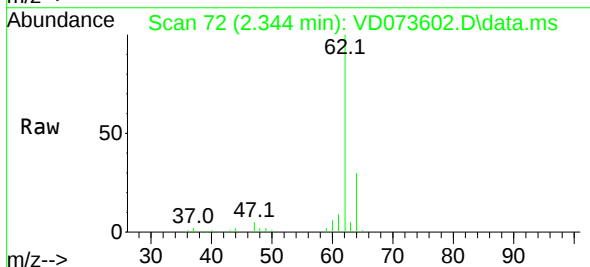
Instrument :  
MSVOA\_D  
ClientSampleId :

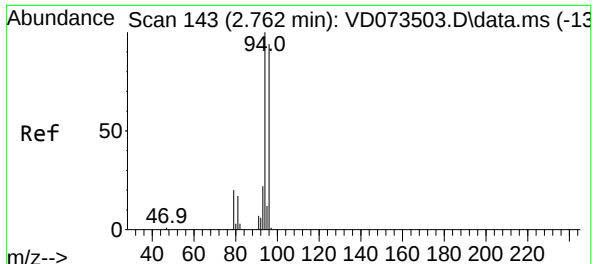
Tgt Ion: 50 Resp: 160899  
Ion Ratio Lower Upper  
50 100  
52 31.9 27.4 41.0



#4  
Vinyl Chloride  
Concen: 51.939 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

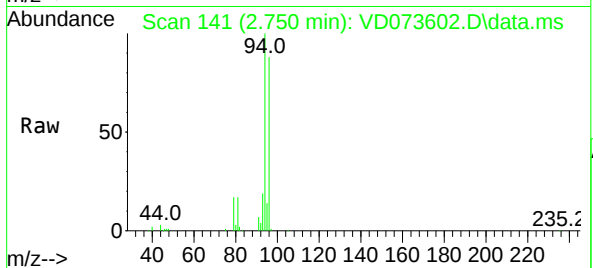
Tgt Ion: 62 Resp: 153506  
Ion Ratio Lower Upper  
62 100  
64 30.0 25.4 38.0



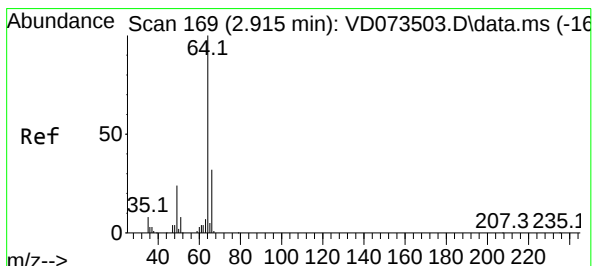
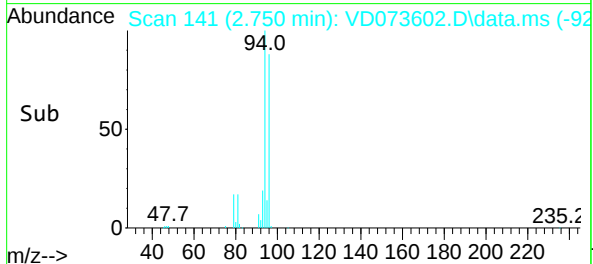
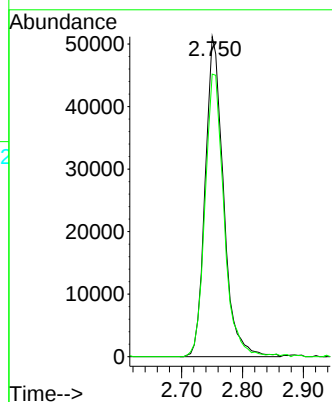


#5  
Bromomethane  
Concen: 50.365 ug/l  
RT: 2.750 min Scan# 143  
Delta R.T. -0.012 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :

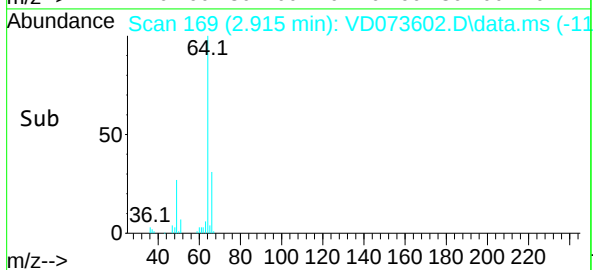
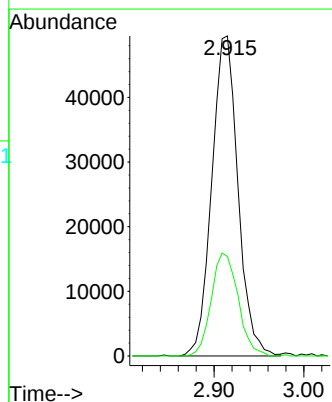
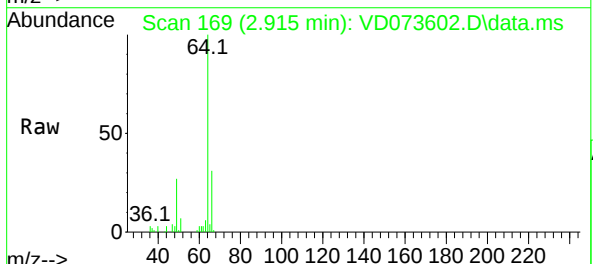


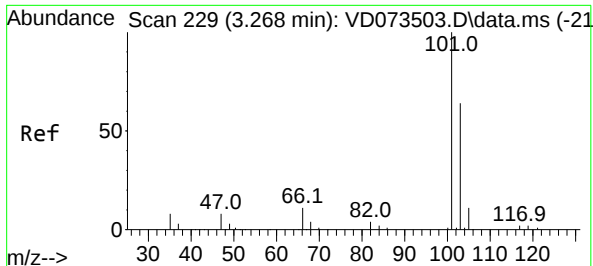
Tgt Ion: 94 Resp: 106709  
Ion Ratio Lower Upper  
94 100  
96 88.3 77.6 116.4



#6  
Chloroethane  
Concen: 53.314 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

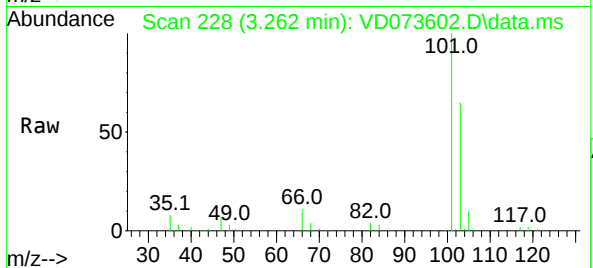
Tgt Ion: 64 Resp: 100411  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.9 38.9



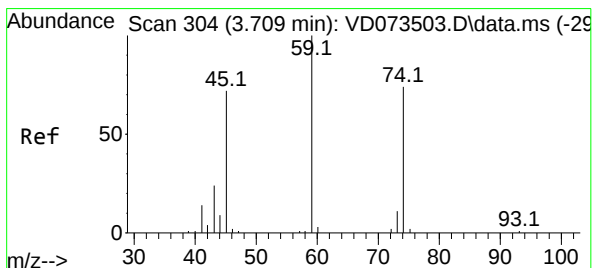
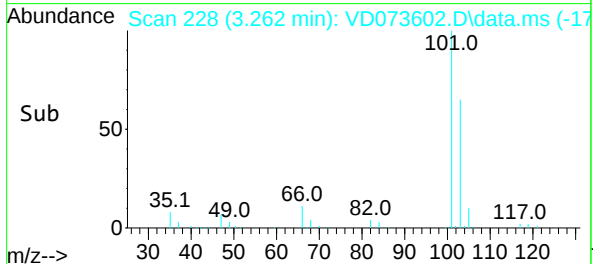
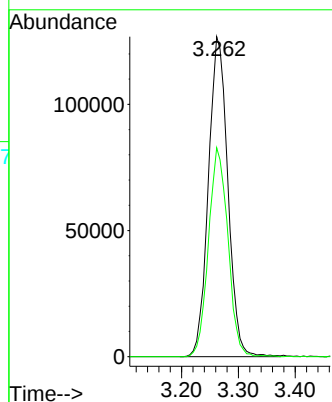


#7  
 Trichlorofluoromethane  
 Concen: 51.844 ug/l  
 RT: 3.262 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :

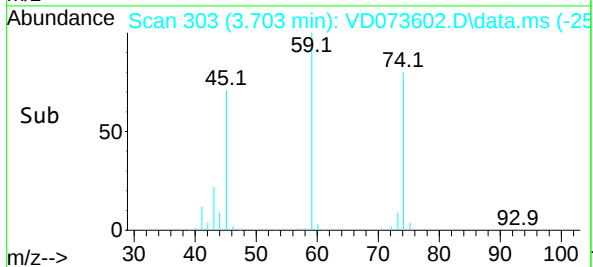
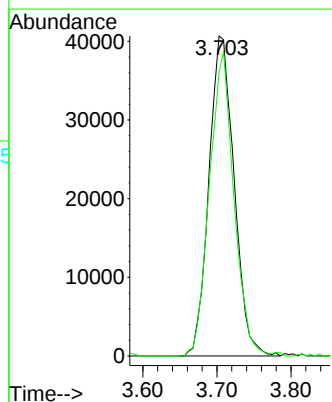
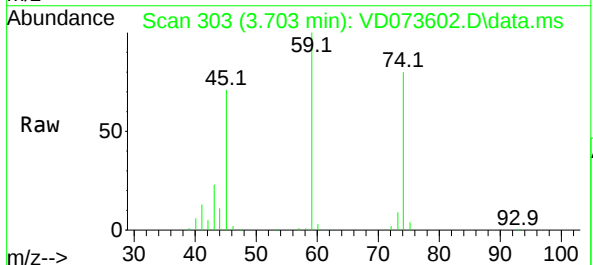


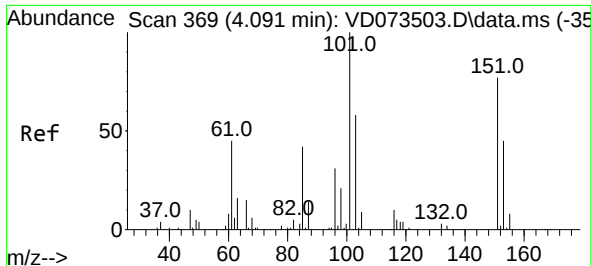
Tgt Ion:101 Resp: 300244  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 57.986 ug/l  
 RT: 3.703 min Scan# 303  
 Delta R.T. -0.006 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Tgt Ion: 74 Resp: 96105  
 Ion Ratio Lower Upper  
 74 100  
 45 91.9 52.6 157.8

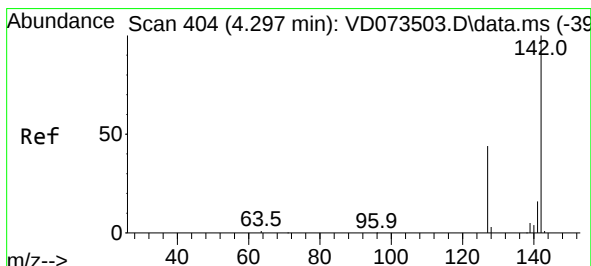
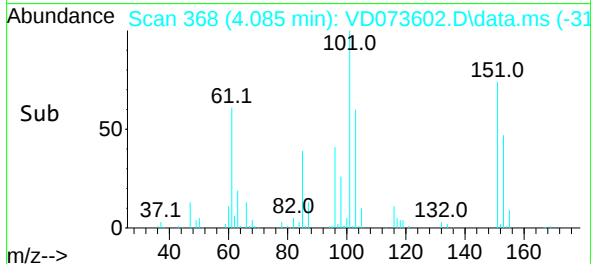
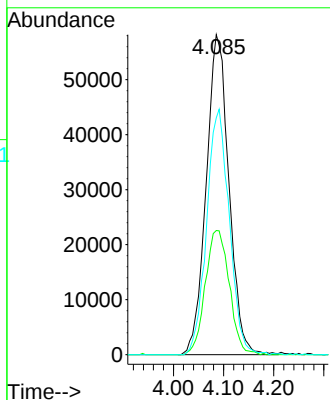
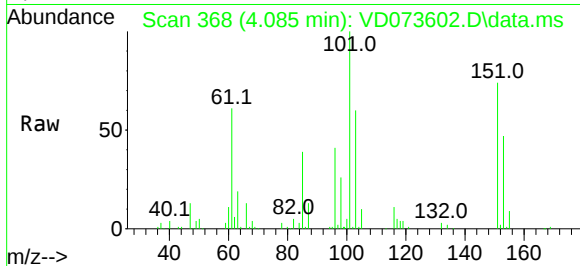




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 55.402 ug/l  
RT: 4.085 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

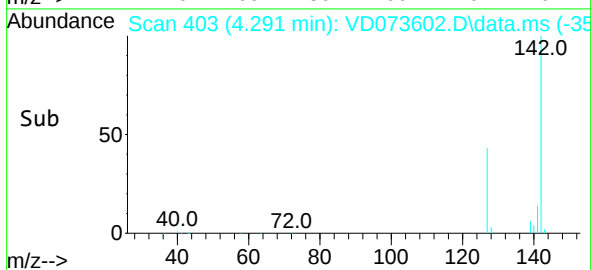
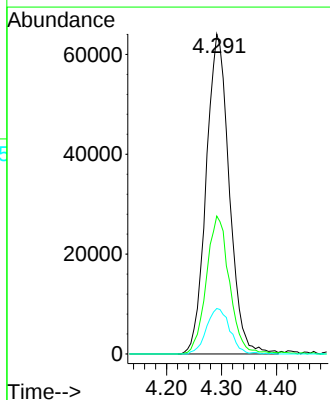
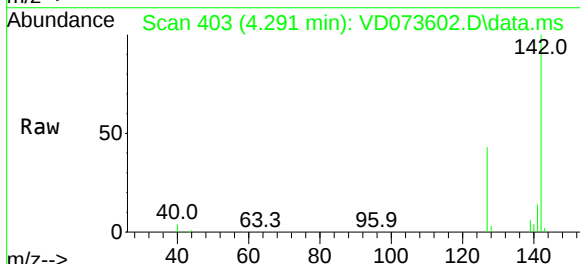
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 183499  
Ion Ratio Lower Upper  
101 100  
85 41.0 36.4 54.6  
151 76.3 57.3 85.9



#10  
Methyl Iodide  
Concen: 47.202 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion:142 Resp: 186747  
Ion Ratio Lower Upper  
142 100  
127 43.1 37.3 55.9  
141 14.5 11.7 17.5

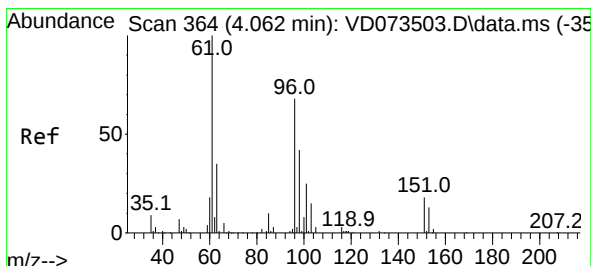
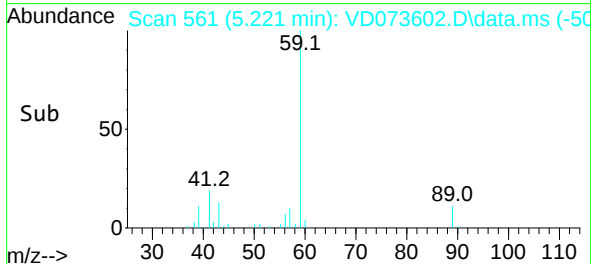
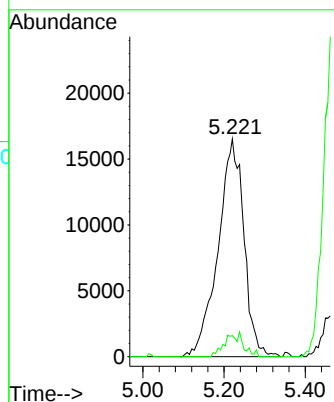
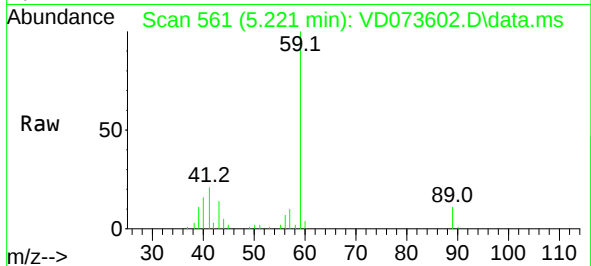




#11  
Tert butyl alcohol  
Concen: 73.537 ug/l  
RT: 5.221 min Scan# 511  
Delta R.T. 0.030 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

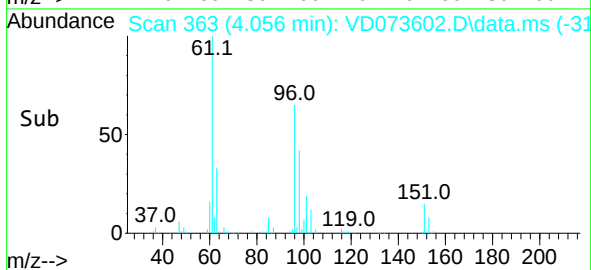
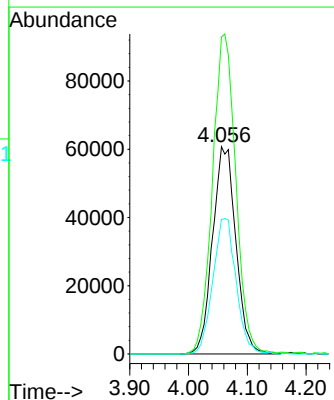
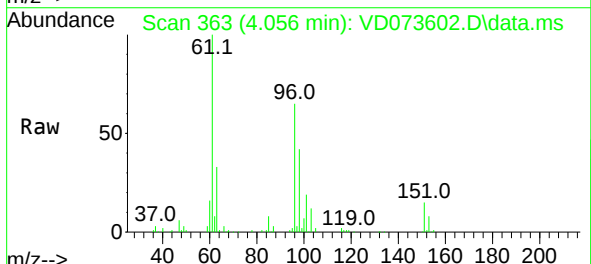
Instrument :  
MSVOA\_D  
ClientSampleId :

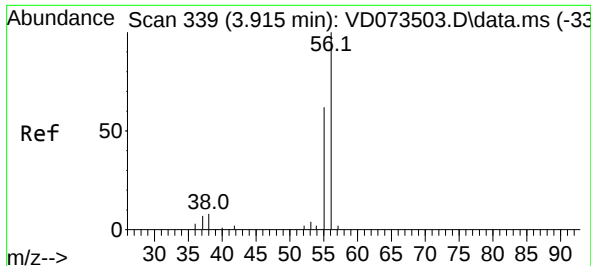
Tgt Ion: 59 Resp: 73061  
Ion Ratio Lower Upper  
59 100  
57 5.2 7.8 11.6#



#12  
1,1-Dichloroethene  
Concen: 53.236 ug/l  
RT: 4.056 min Scan# 363  
Delta R.T. -0.006 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

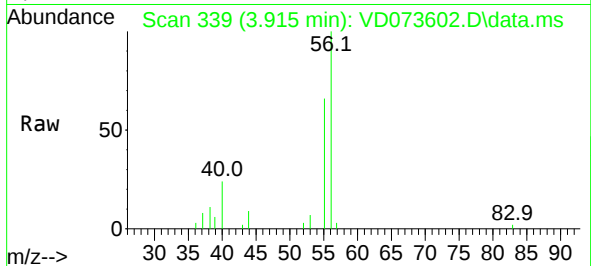
Tgt Ion: 96 Resp: 167422  
Ion Ratio Lower Upper  
96 100  
61 153.0 138.5 207.7  
98 64.8 48.6 73.0



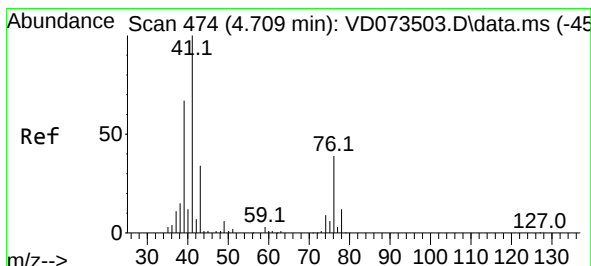
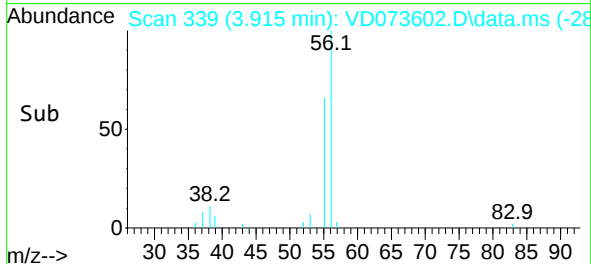
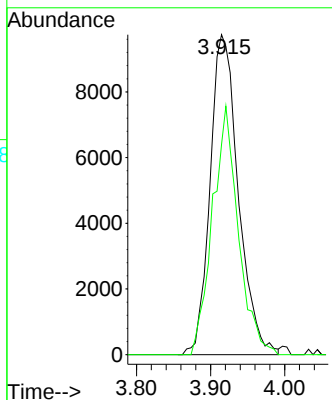


#13  
Acrolein  
Concen: 169.398 ug/l  
RT: 3.915 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :

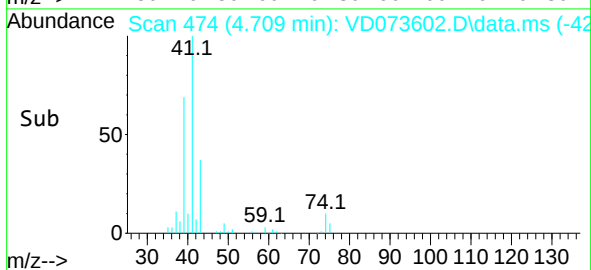
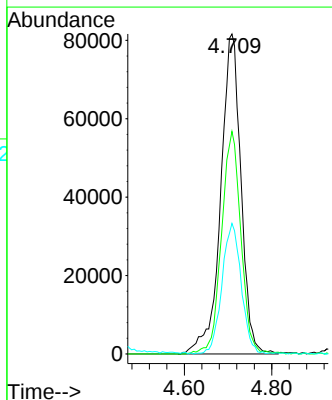
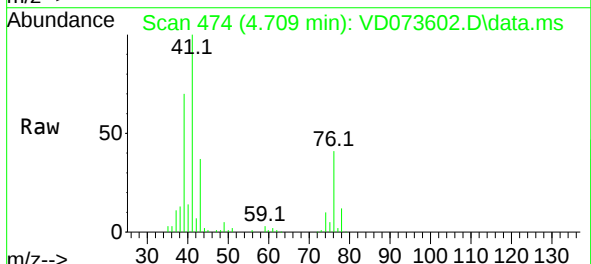


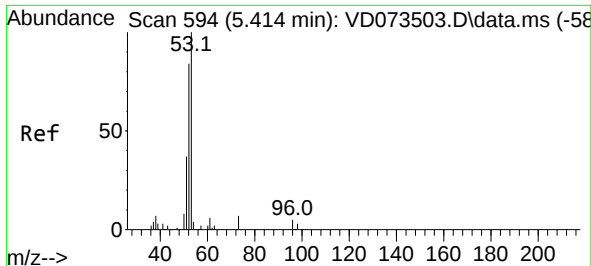
Tgt Ion: 56 Resp: 25805  
Ion Ratio Lower Upper  
56 100  
55 71.2 57.1 85.7



#14  
Allyl chloride  
Concen: 56.169 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

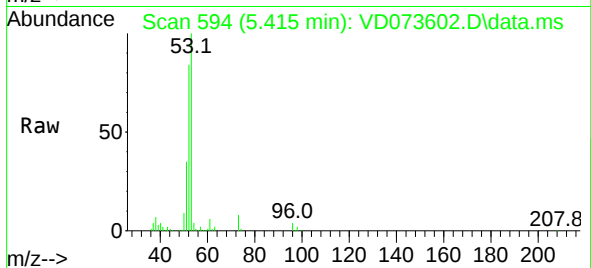
Tgt Ion: 41 Resp: 262972  
Ion Ratio Lower Upper  
41 100  
39 66.1 59.3 88.9  
76 38.7 25.7 38.5#



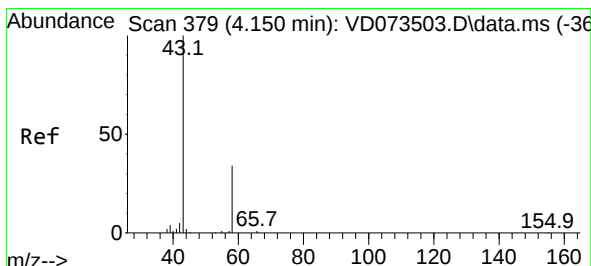
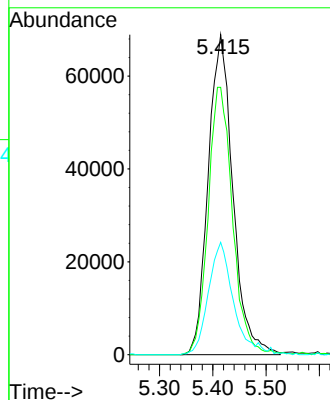
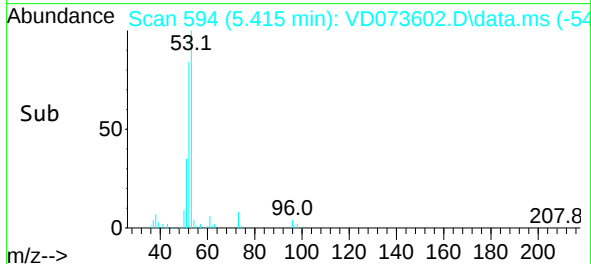


#15  
Acrylonitrile  
Concen: 297.542 ug/l  
RT: 5.415 min Scan# 594  
Delta R.T. 0.001 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :

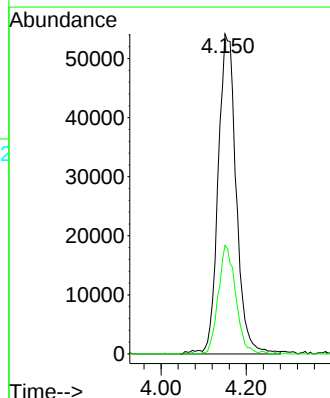
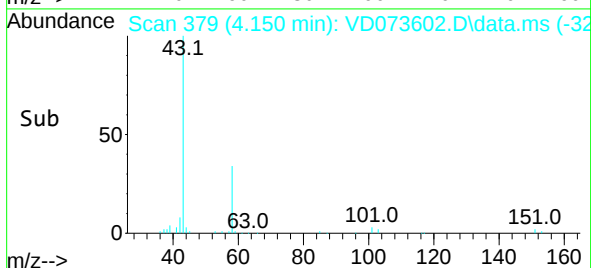
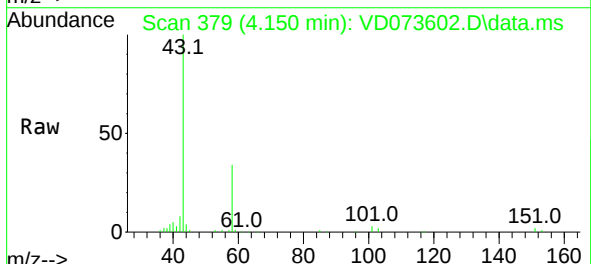


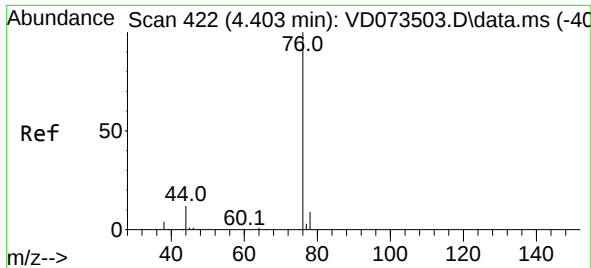
Tgt Ion: 53 Resp: 221448  
Ion Ratio Lower Upper  
53 100  
52 82.7 67.2 100.8  
51 36.1 30.3 45.5



#16  
Acetone  
Concen: 262.525 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

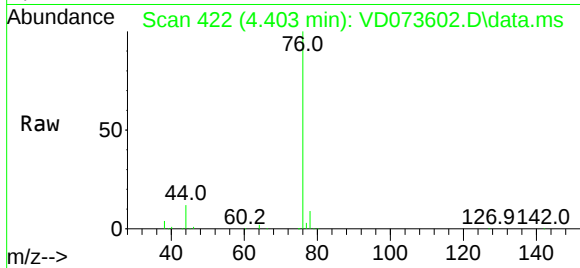
Tgt Ion: 43 Resp: 159877  
Ion Ratio Lower Upper  
43 100  
58 34.0 22.1 33.1#



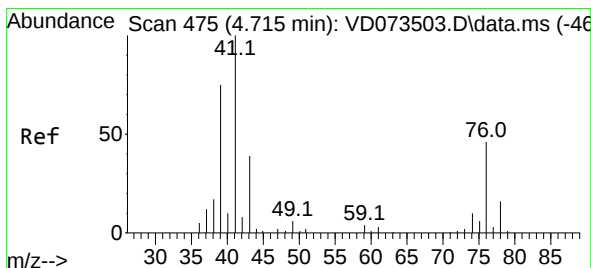
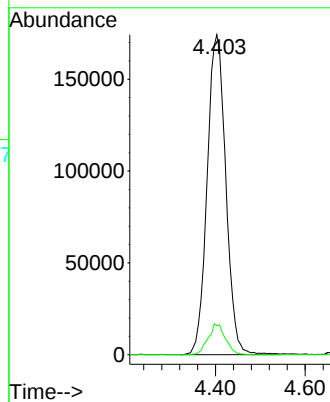
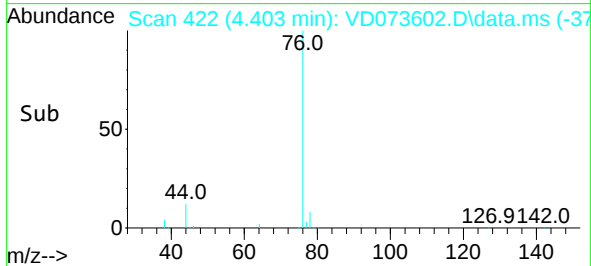


#17  
Carbon Disulfide  
Concen: 50.555 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :

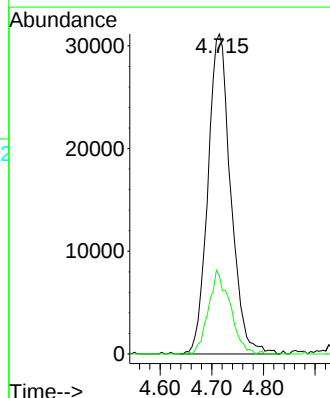
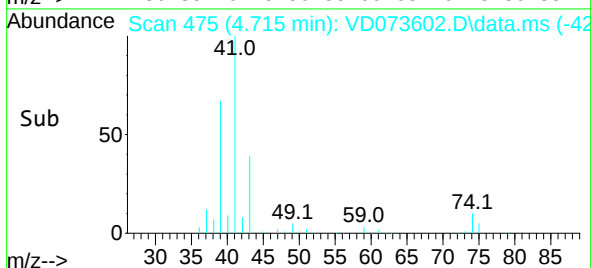
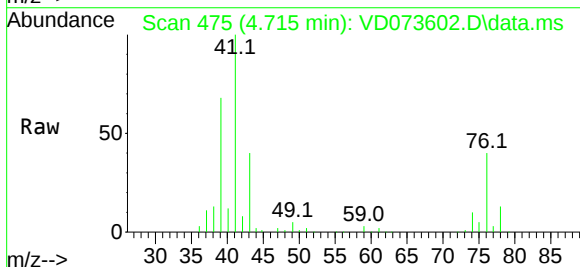


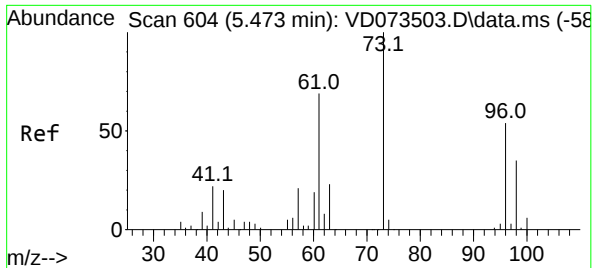
Tgt Ion: 76 Resp: 503941  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3



#18  
Methyl Acetate  
Concen: 55.380 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 43 Resp: 95336  
Ion Ratio Lower Upper  
43 100  
74 24.8 16.7 25.1

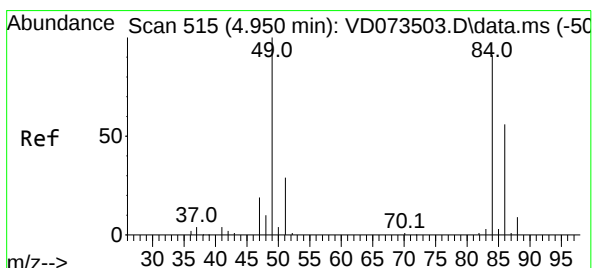
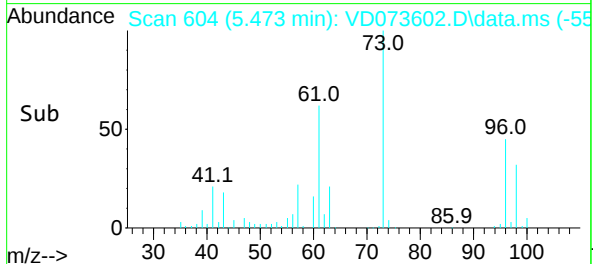
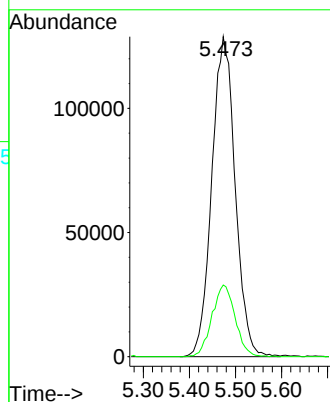
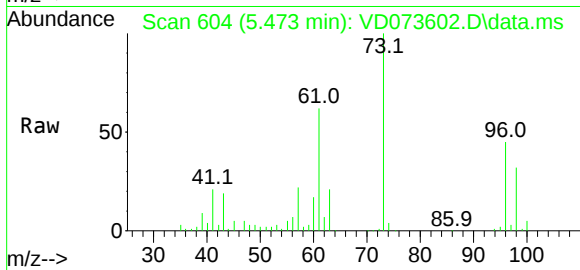




#19  
Methyl tert-butyl Ether  
Concen: 60.471 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

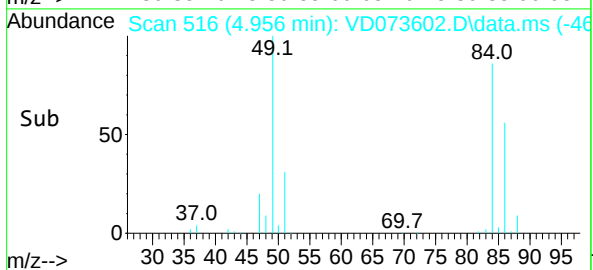
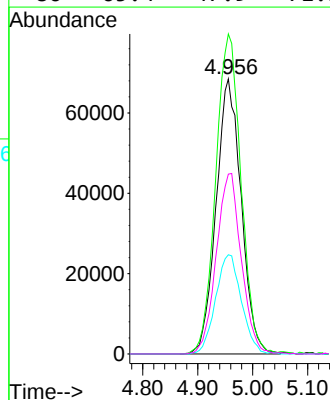
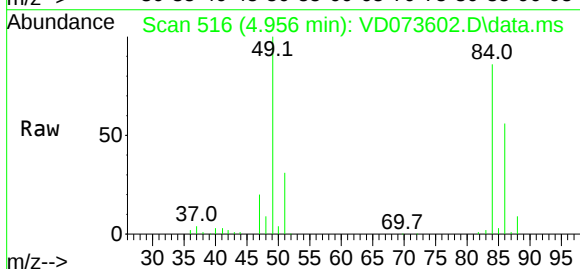
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 73 Resp: 453867  
Ion Ratio Lower Upper  
73 100  
57 22.4 18.0 27.0



#20  
Methylene Chloride  
Concen: 57.341 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. 0.006 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

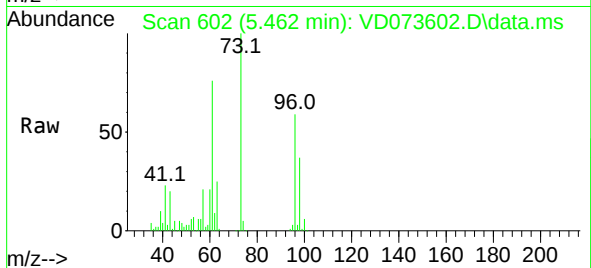
Tgt Ion: 84 Resp: 216979  
Ion Ratio Lower Upper  
84 100  
49 116.3 112.8 169.2  
51 36.1 32.6 48.8  
86 65.4 47.9 71.9



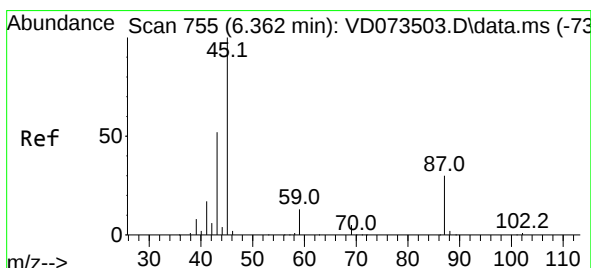
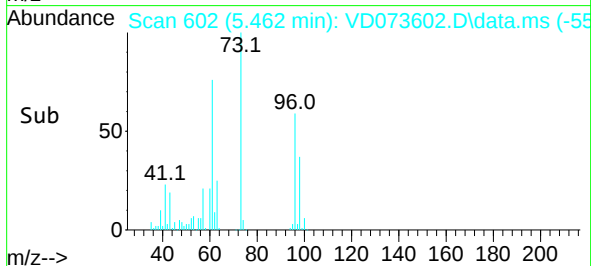
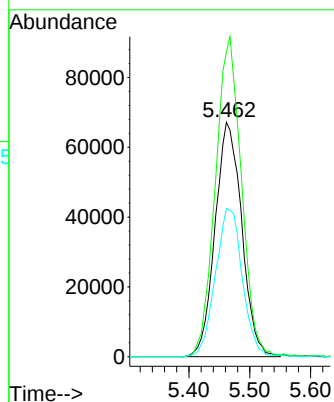


#21  
trans-1,2-Dichloroethene  
Concen: 53.667 ug/l  
RT: 5.462 min Scan# 603  
Delta R.T. -0.005 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :

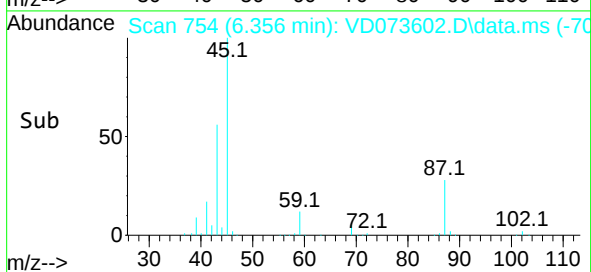
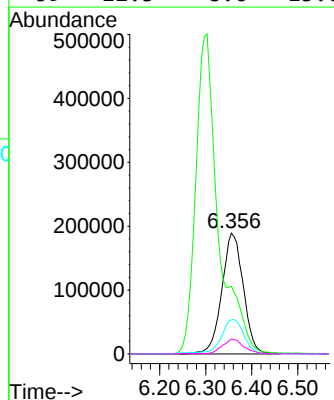
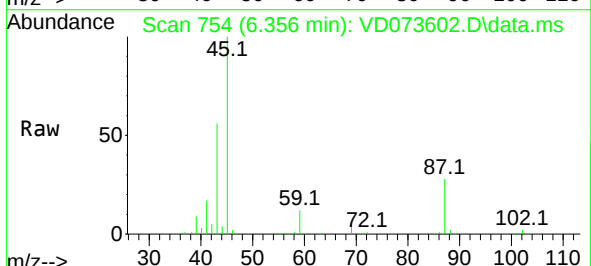


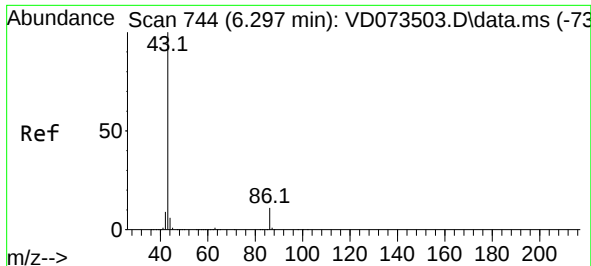
Tgt Ion: 96 Resp: 204165  
Ion Ratio Lower Upper  
96 100  
61 130.0 117.9 176.9  
98 63.2 49.4 74.2



#22  
Diisopropyl ether  
Concen: 60.455 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 45 Resp: 610760  
Ion Ratio Lower Upper  
45 100  
43 55.3 46.6 70.0  
87 28.2 18.4 27.6#  
59 12.3 8.6 13.0

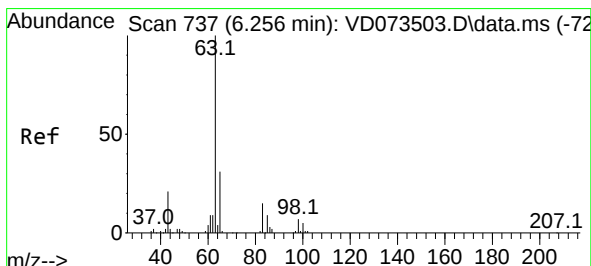
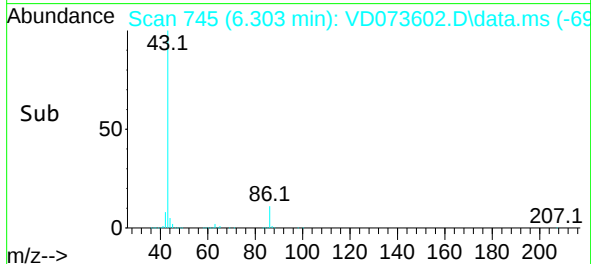
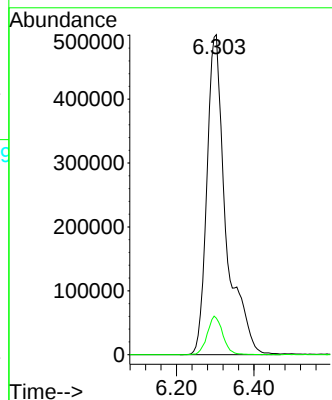
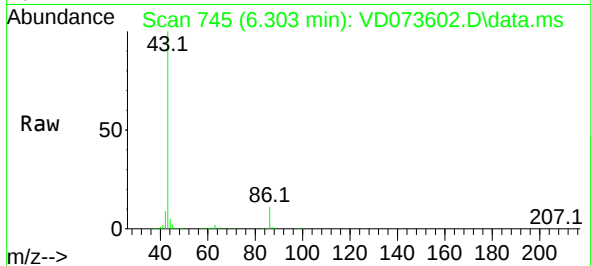




#23  
 Vinyl Acetate  
 Concen: 311.731 ug/l  
 RT: 6.303 min Scan# 744  
 Delta R.T. 0.006 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

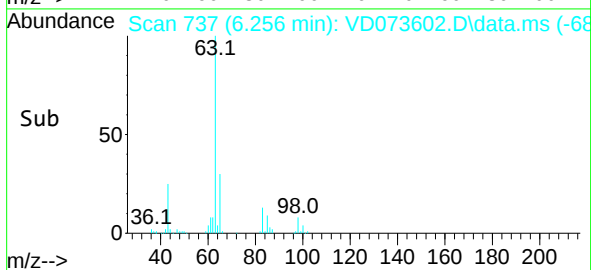
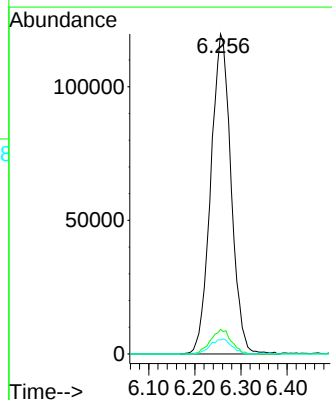
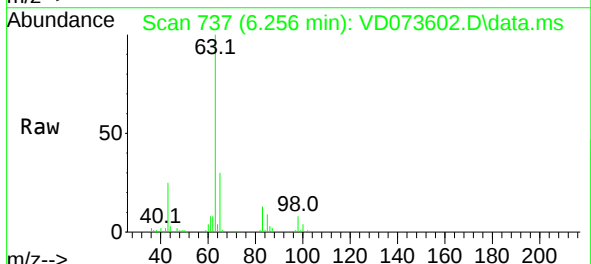
Instrument :  
 MSVOA\_D  
 ClientSampleId :

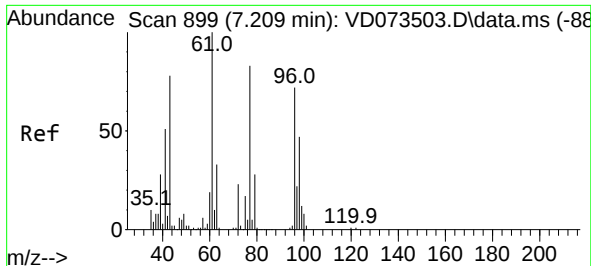
Tgt Ion: 43 Resp: 1708521  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 56.580 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.000 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Tgt Ion: 63 Resp: 366417  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.6 10.9  
 100 4.4 2.1 6.5

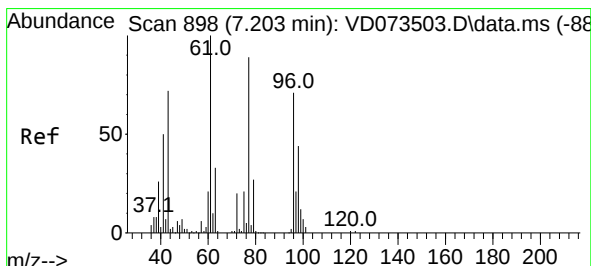
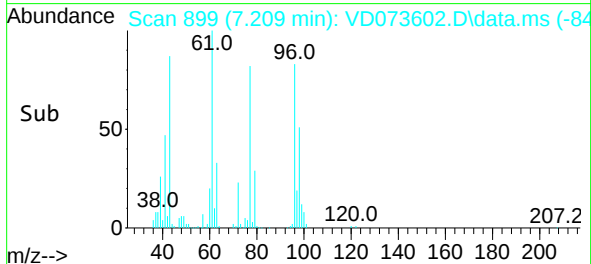
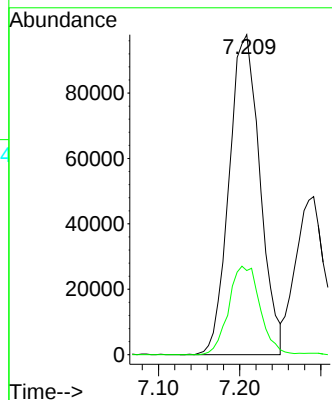
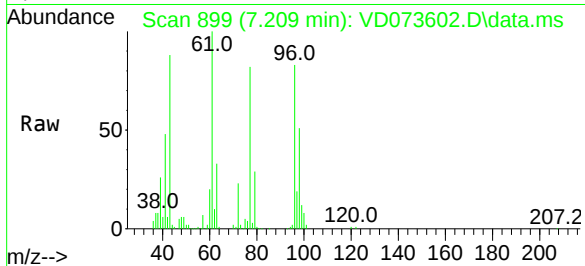




#25  
2-Butanone  
Concen: 288.984 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

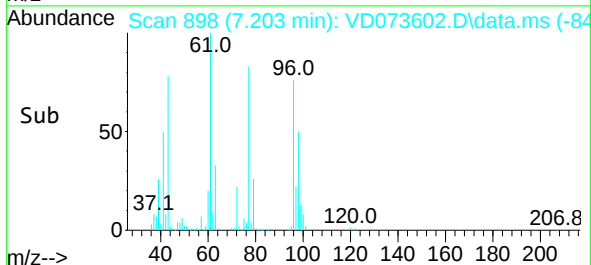
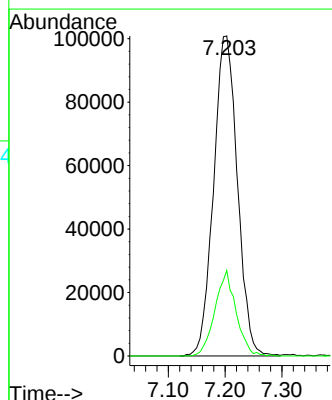
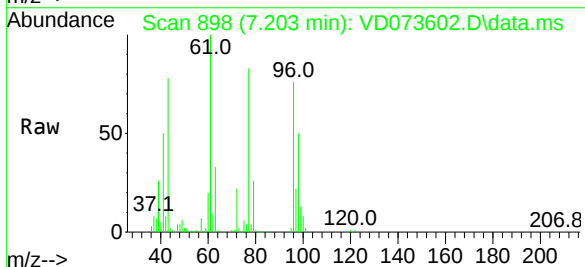
Instrument :  
MSVOA\_D  
ClientSampleId :

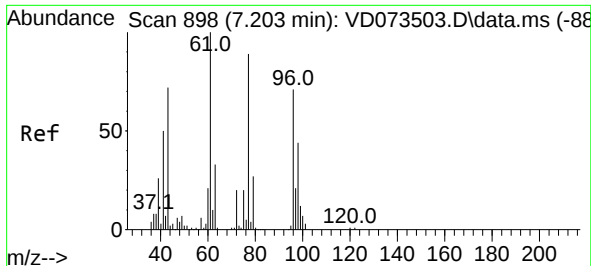
Tgt Ion: 43 Resp: 258952  
Ion Ratio Lower Upper  
43 100  
72 26.3 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 50.570 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

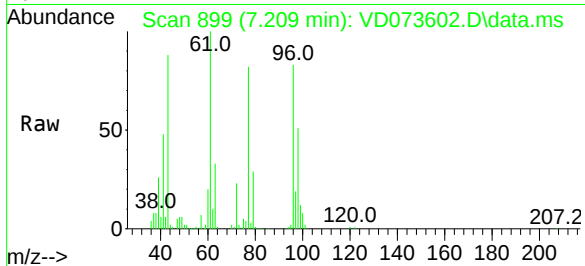
Tgt Ion: 77 Resp: 293616  
Ion Ratio Lower Upper  
77 100  
97 23.7 10.8 32.4



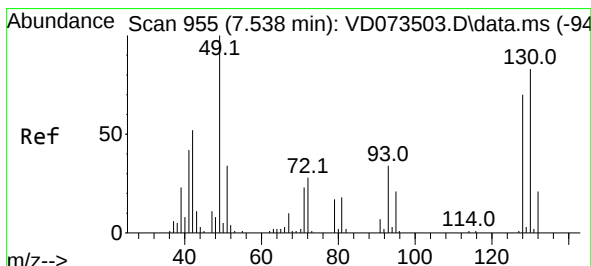
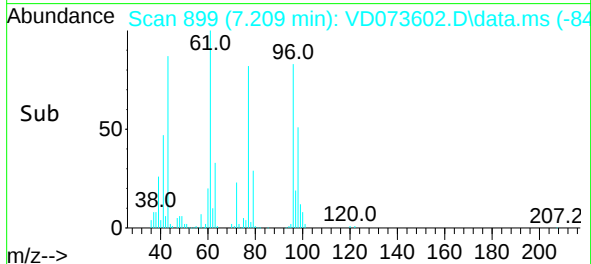
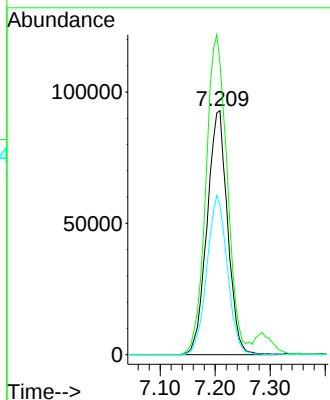


#27  
 cis-1,2-Dichloroethene  
 Concen: 58.645 ug/l  
 RT: 7.209 min Scan# 899  
 Delta R.T. 0.006 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :

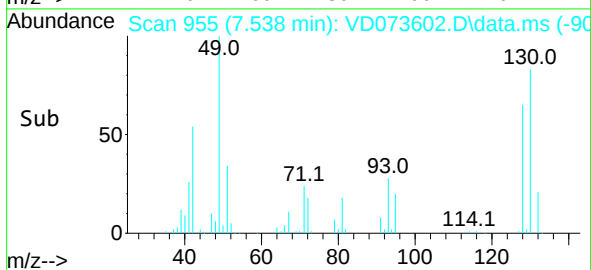
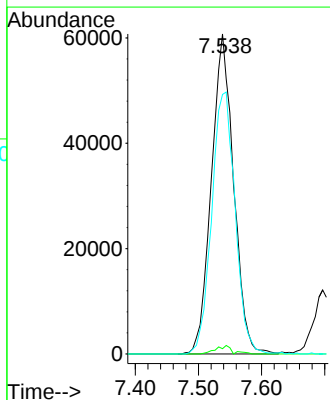
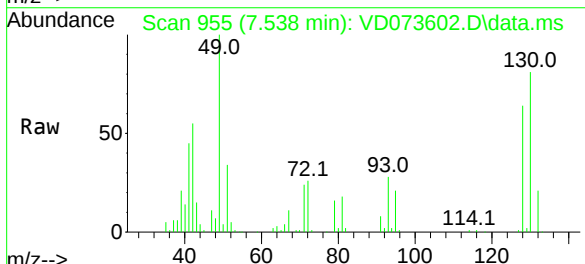


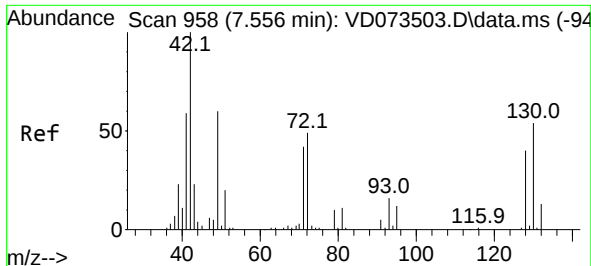
Tgt Ion: 96 Resp: 241177  
 Ion Ratio Lower Upper  
 96 100  
 61 135.4 0.0 313.8  
 98 64.9 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 58.366 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. 0.000 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Tgt Ion: 49 Resp: 148351  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.0  
 130 86.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 312.468 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.000 min

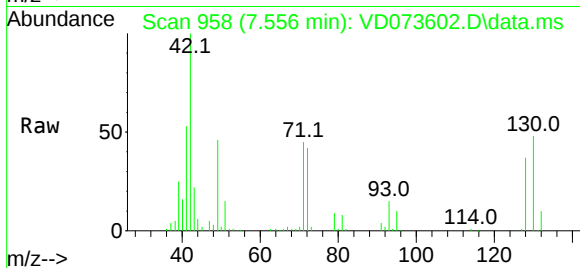
Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :



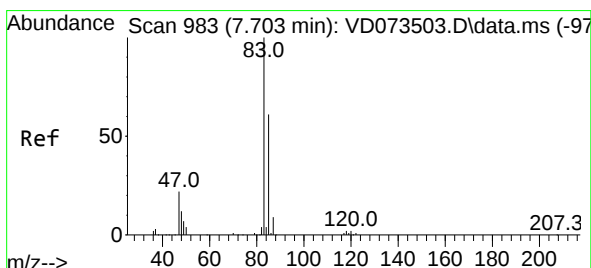
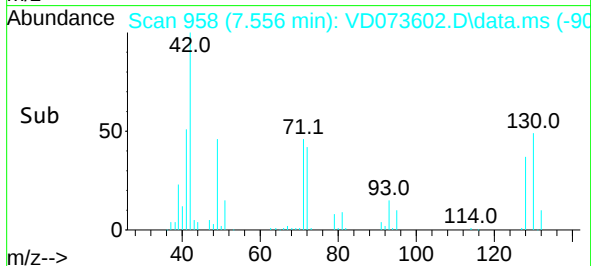
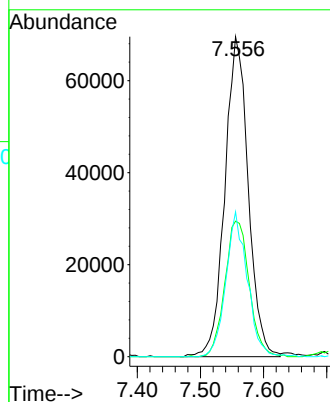
Tgt Ion: 42 Resp: 178615

Ion Ratio Lower Upper

42 100

72 44.1 30.7 46.1

71 41.7 28.6 43.0



#30

Chloroform

Concen: 57.657 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073602.D

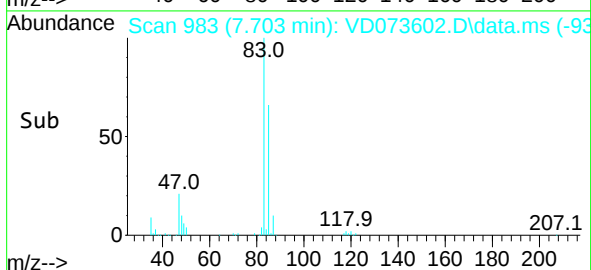
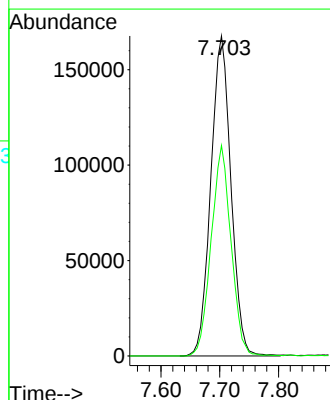
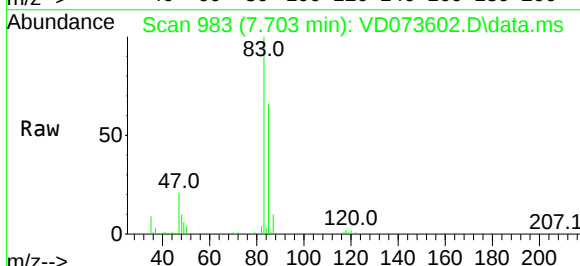
Acq: 15 Jun 2022 20:28

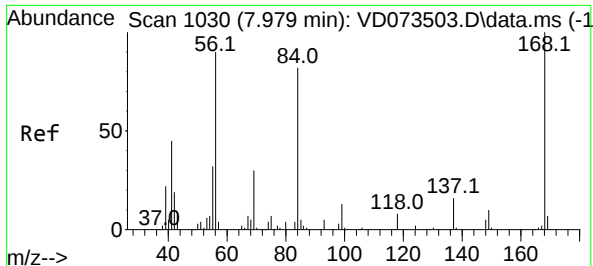
Tgt Ion: 83 Resp: 398922

Ion Ratio Lower Upper

83 100

85 65.8 52.7 79.1





#31

Cyclohexane

Concen: 53.768 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

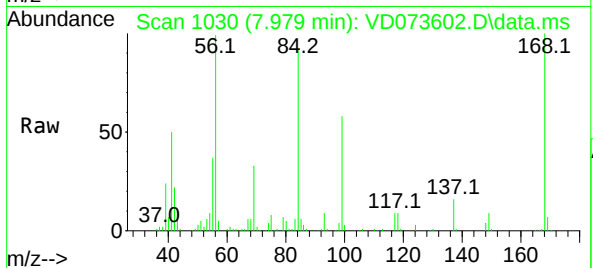
Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :



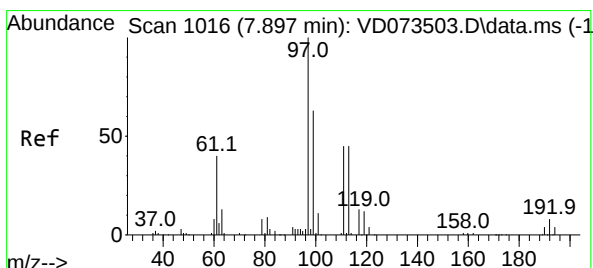
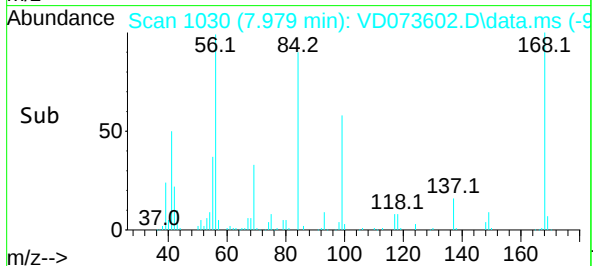
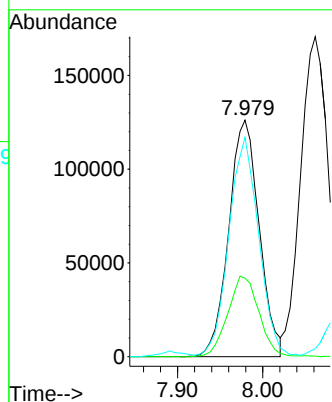
Tgt Ion: 56 Resp: 313274

Ion Ratio Lower Upper

56 100

69 33.2 25.4 38.2

84 91.2 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 55.850 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

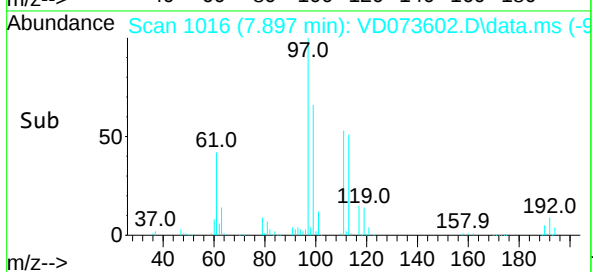
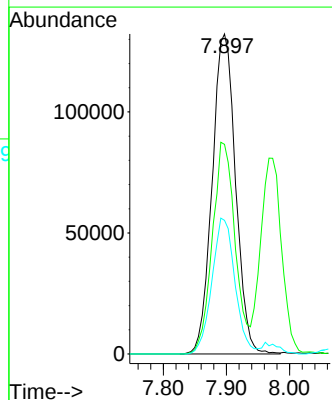
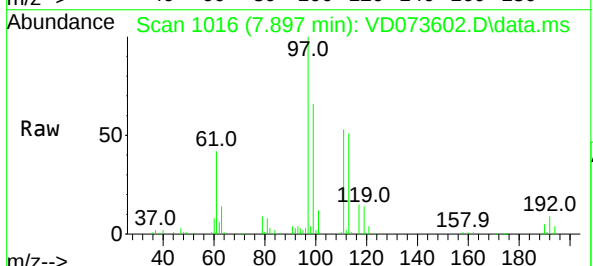
Tgt Ion: 97 Resp: 340485

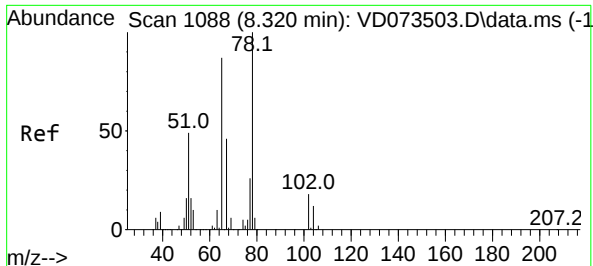
Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 41.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 54.948 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

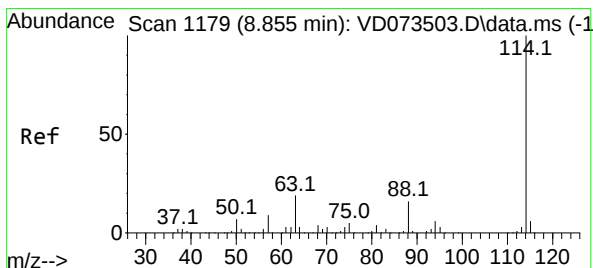
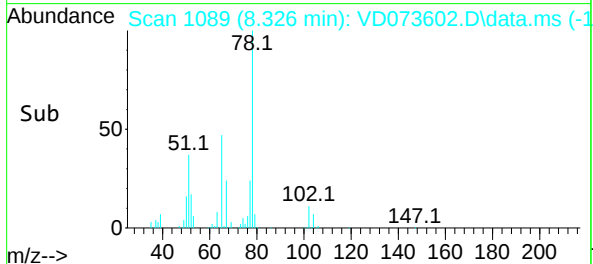
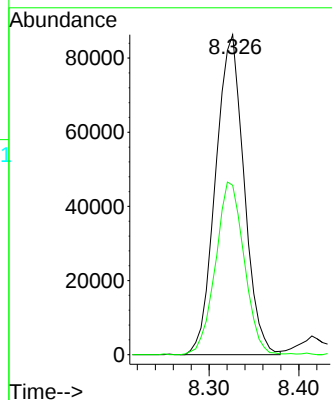
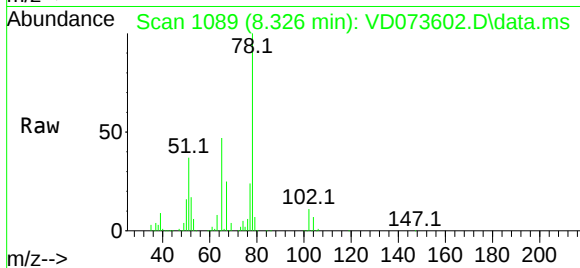
ClientSampleId :

Tgt Ion: 65 Resp: 190050

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

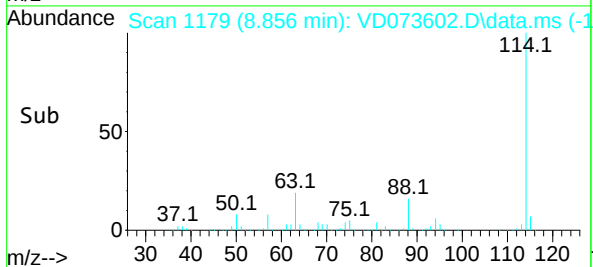
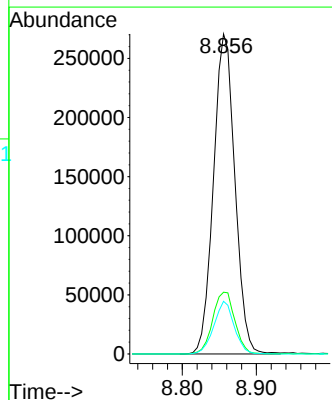
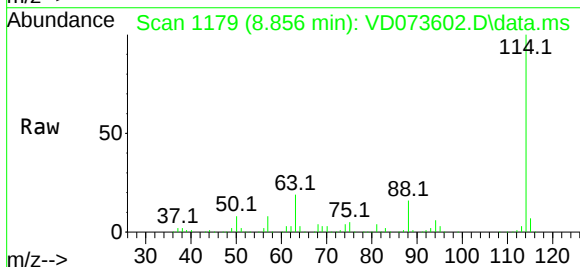
Tgt Ion: 114 Resp: 543422

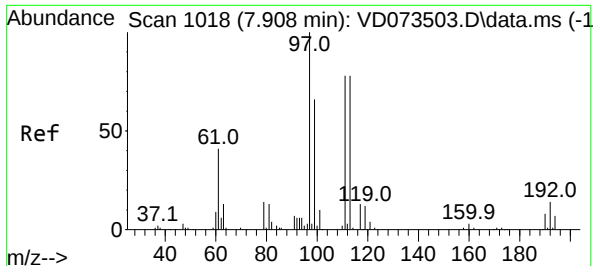
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.238 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

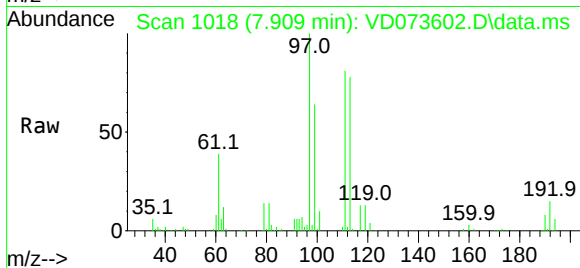
Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :



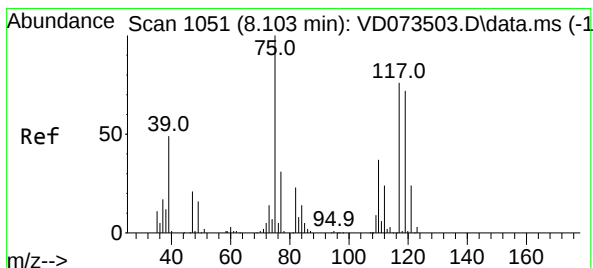
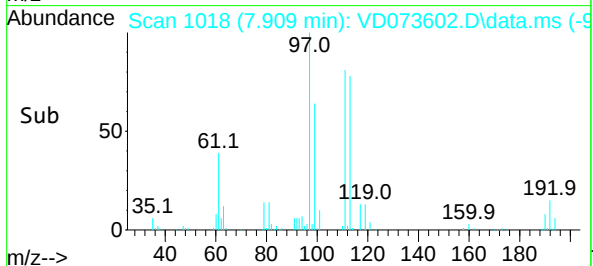
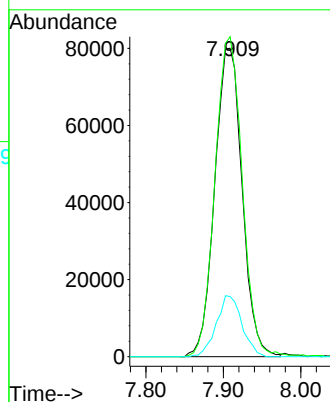
Tgt Ion:113 Resp: 196518

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 54.445 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

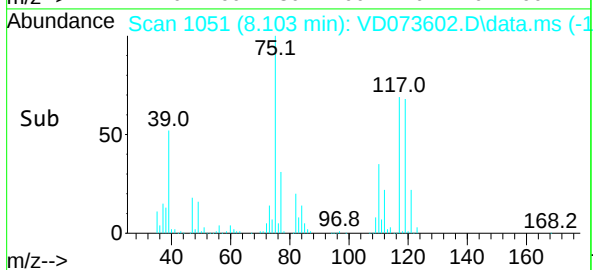
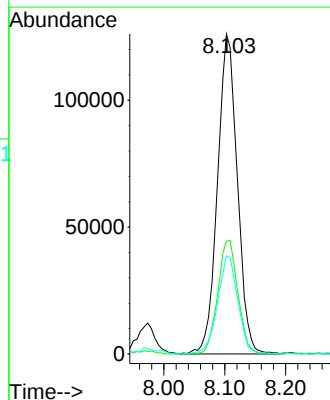
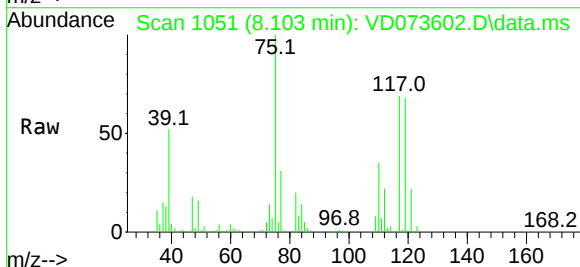
Tgt Ion: 75 Resp: 285745

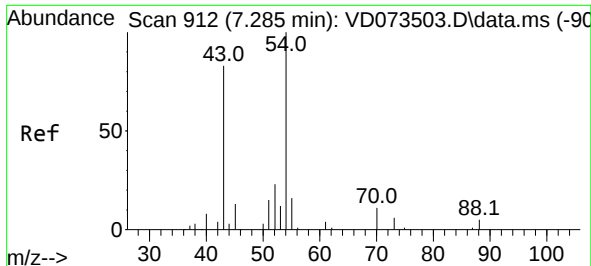
Ion Ratio Lower Upper

75 100

110 35.9 16.4 49.1

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 59.546 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :

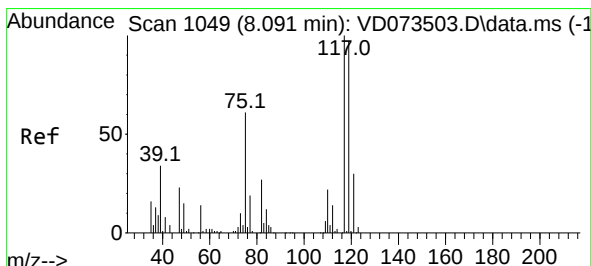
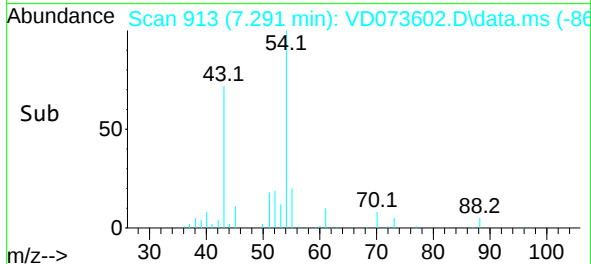
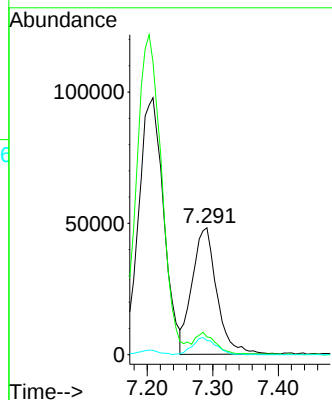
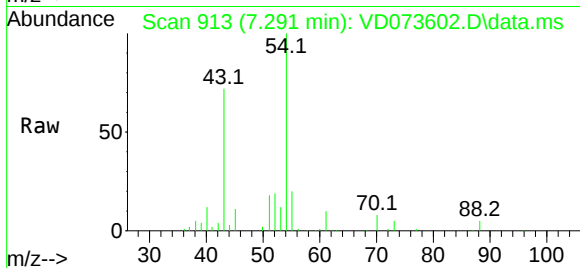
Tgt Ion: 43 Resp: 126237

Ion Ratio Lower Upper

43 100

61 13.7 9.8 14.8

70 12.6 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 54.103 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

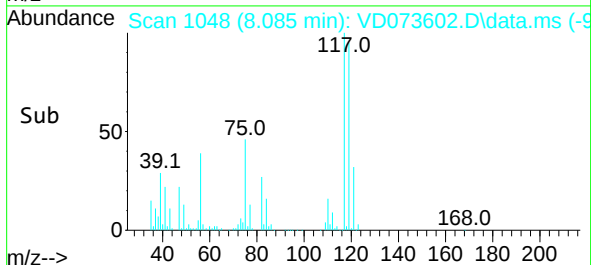
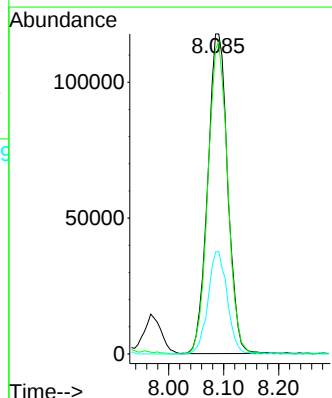
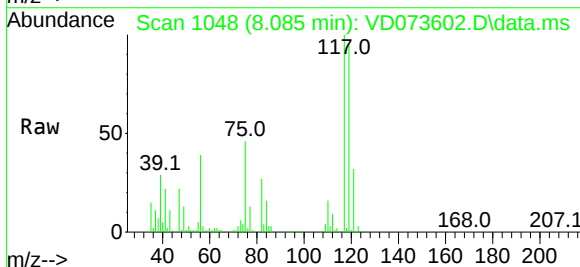
Tgt Ion:117 Resp: 297047

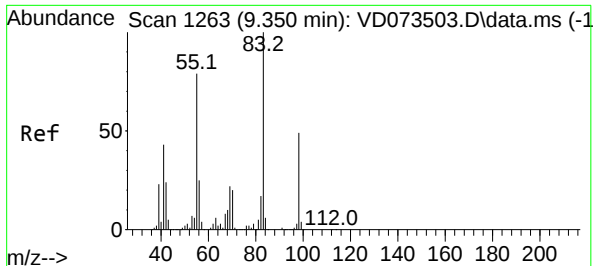
Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.6

121 31.9 24.5 36.7





#39

Methylcyclohexane

Concen: 56.188 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :

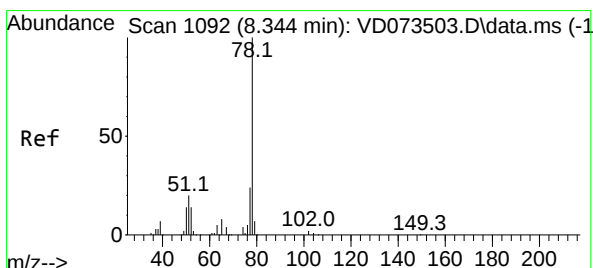
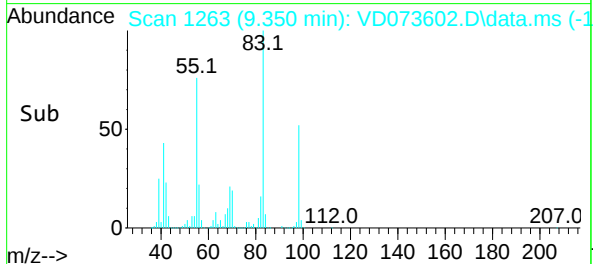
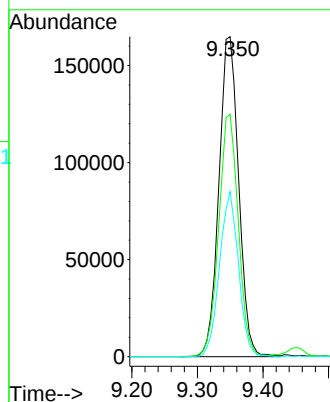
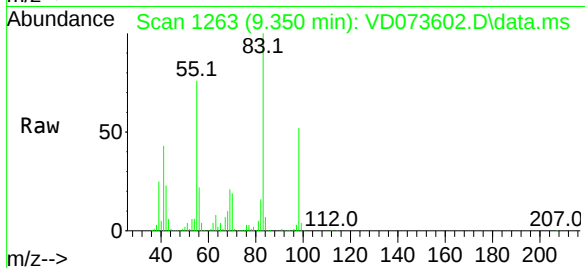
Tgt Ion: 83 Resp: 343654

Ion Ratio Lower Upper

83 100

55 75.7 63.2 94.8

98 51.6 38.2 57.4



#40

Benzene

Concen: 55.029 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073602.D

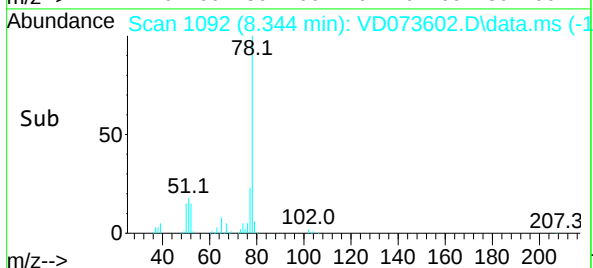
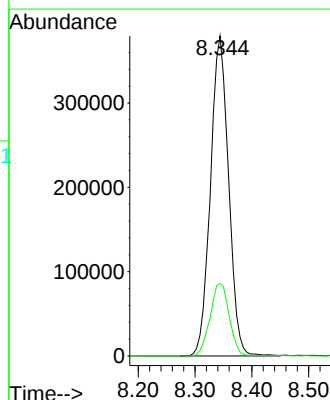
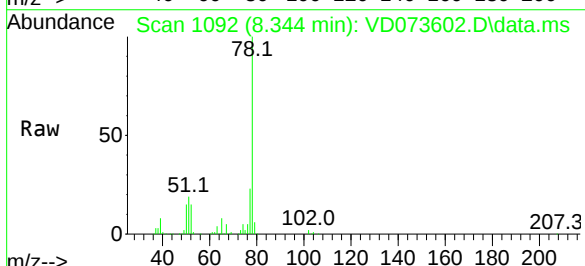
Acq: 15 Jun 2022 20:28

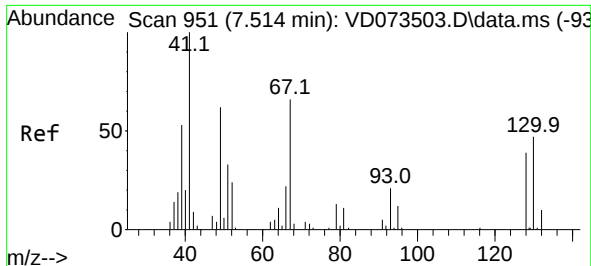
Tgt Ion: 78 Resp: 840103

Ion Ratio Lower Upper

78 100

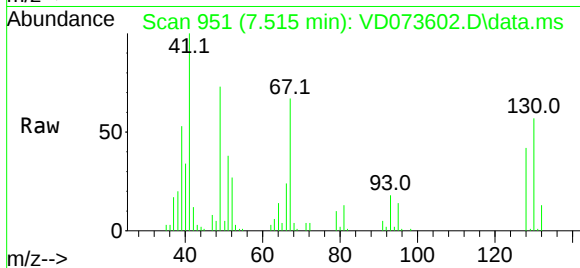
77 22.7 19.1 28.7



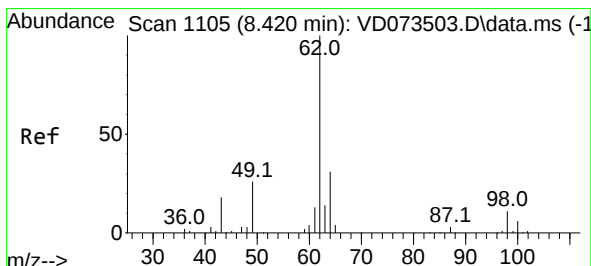
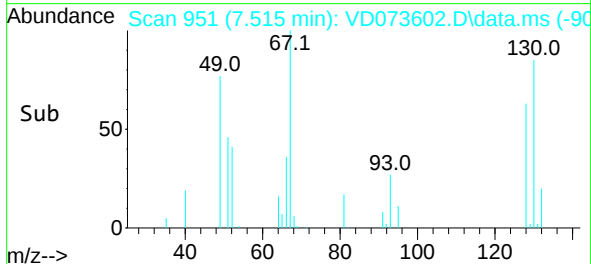
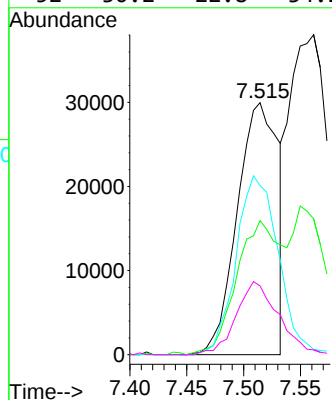


#41  
Methacrylonitrile  
Concen: 65.075 ug/l  
RT: 7.515 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :

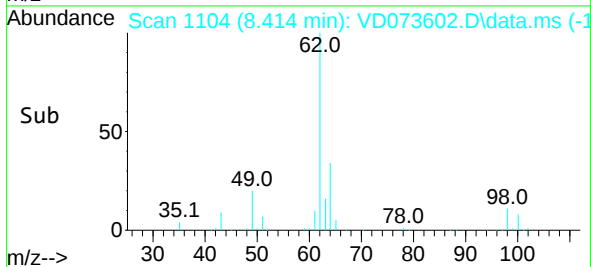
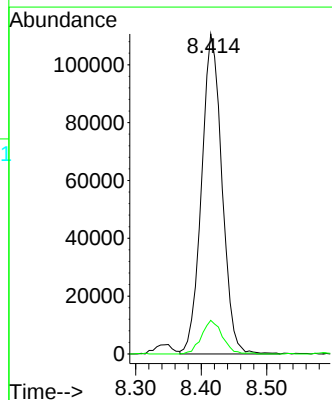
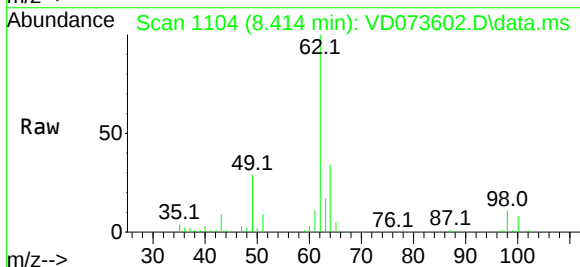


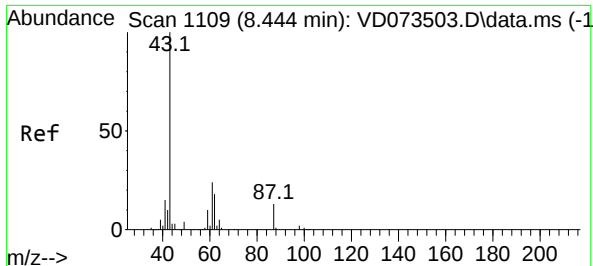
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 74795 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.0  | 44.6  | 67.0  |
| 67       | 73.7  | 48.2  | 72.4  |
| 52       | 30.2  | 22.8  | 34.2  |



#42  
1,2-Dichloroethane  
Concen: 56.831 ug/l  
RT: 8.414 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 239875 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.7  | 0.0   | 17.6   |





#43

Isopropyl Acetate

Concen: 59.480 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

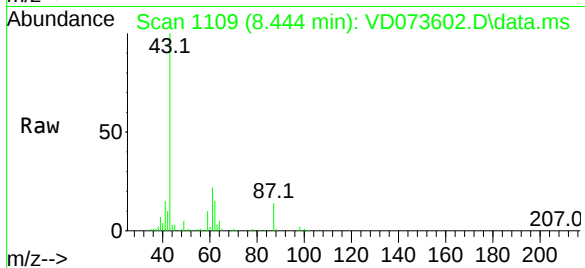
Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :



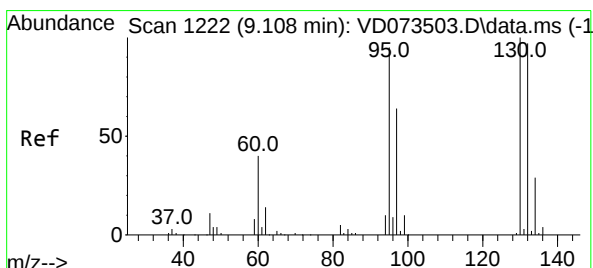
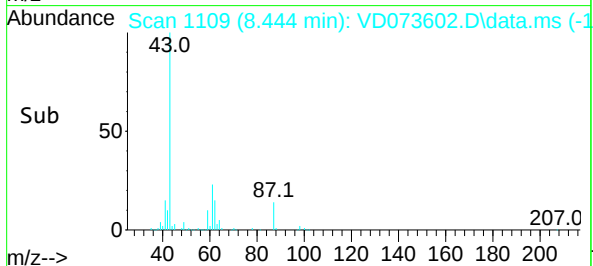
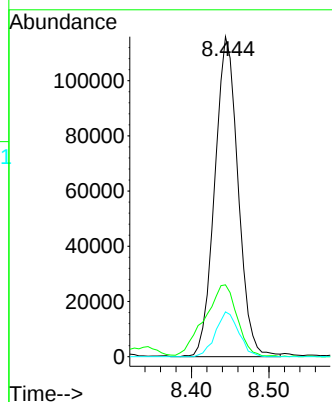
Tgt Ion: 43 Resp: 242611

Ion Ratio Lower Upper

43 100

61 31.4 22.4 33.6

87 13.9 8.7 13.1#



#44

Trichloroethene

Concen: 54.951 ug/l

RT: 9.109 min Scan# 1222

Delta R.T. 0.001 min

Lab File: VD073602.D

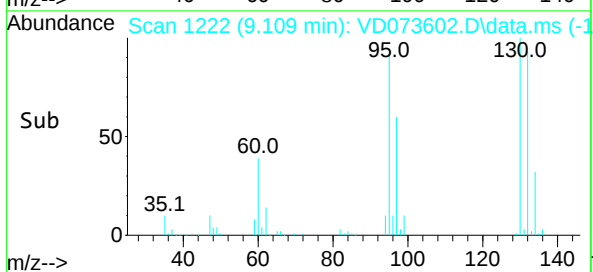
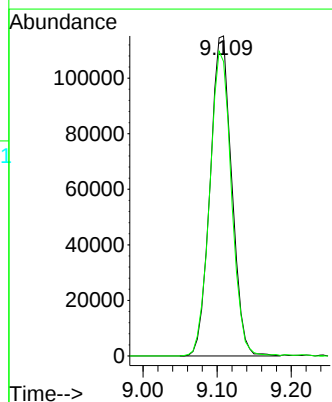
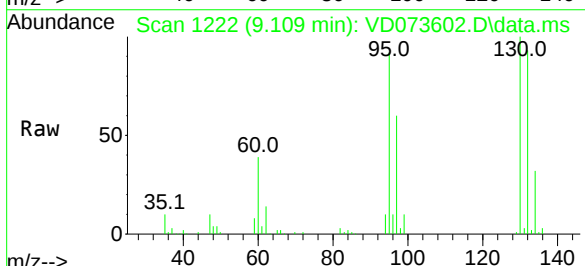
Acq: 15 Jun 2022 20:28

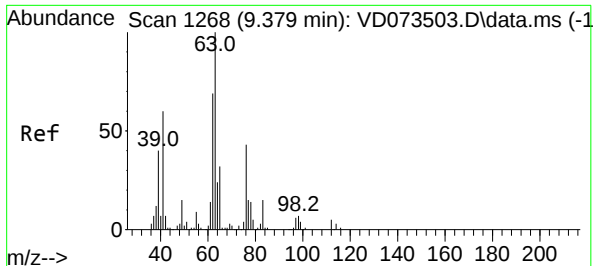
Tgt Ion:130 Resp: 233652

Ion Ratio Lower Upper

130 100

95 92.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 57.118 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

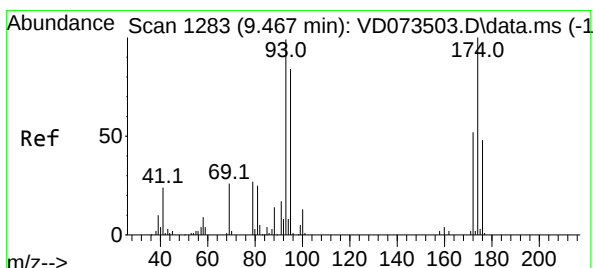
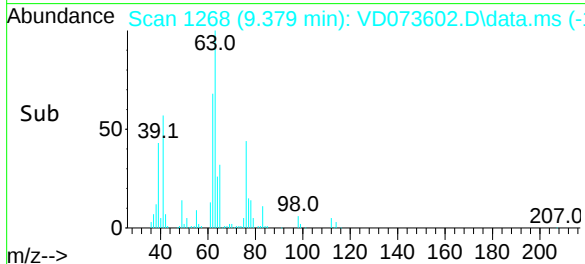
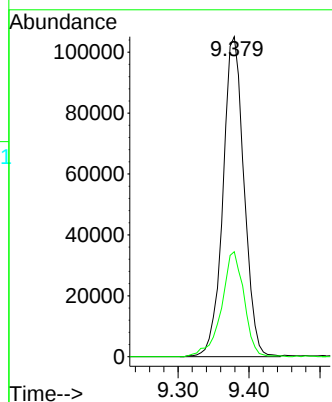
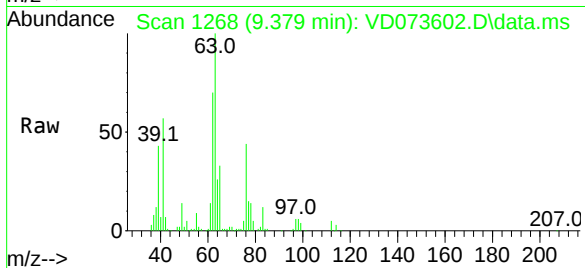
ClientSampleId :

Tgt Ion: 63 Resp: 216014

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 56.982 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

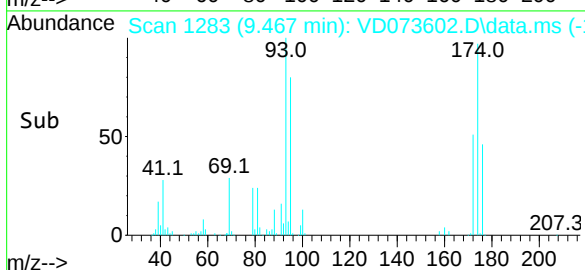
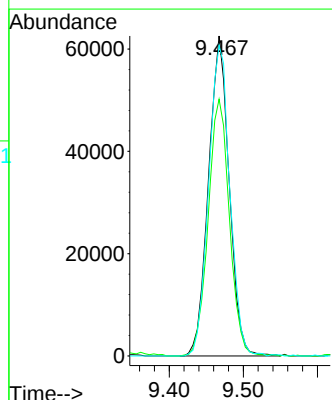
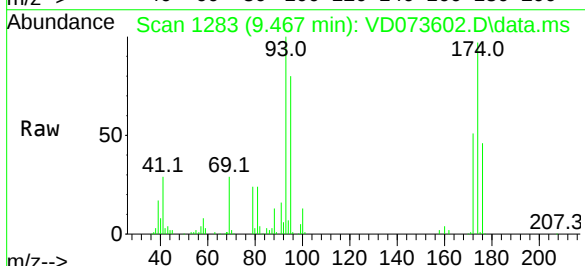
Tgt Ion: 93 Resp: 121398

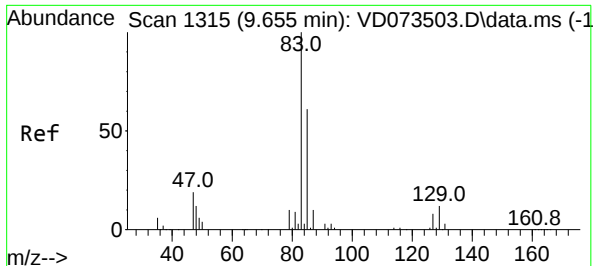
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 99.4 71.6 107.4

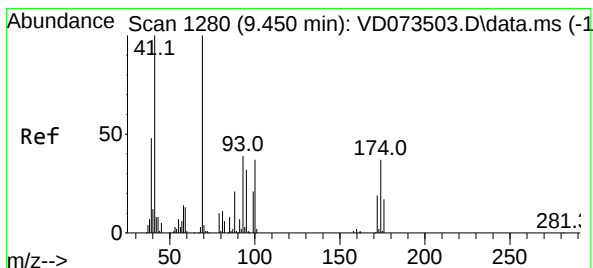
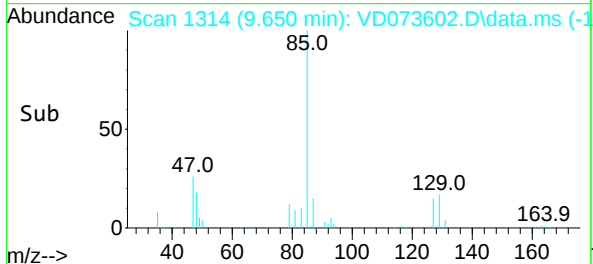
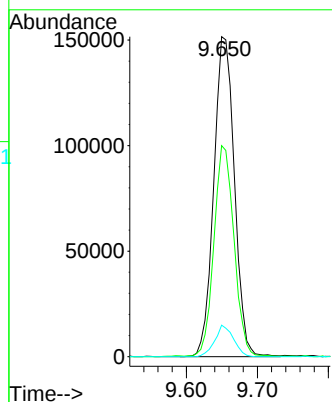
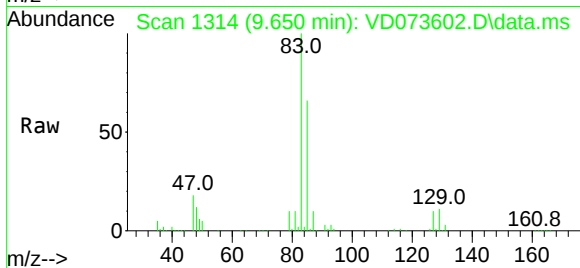




#47  
Bromodichloromethane  
Concen: 57.237 ug/l  
RT: 9.650 min Scan# 1315  
Delta R.T. -0.005 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

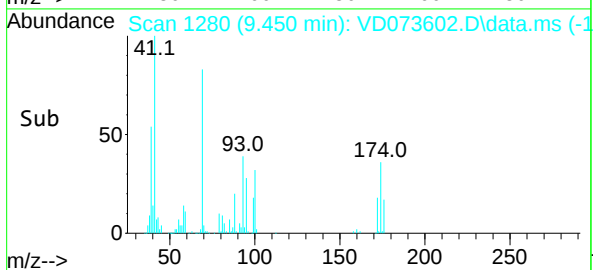
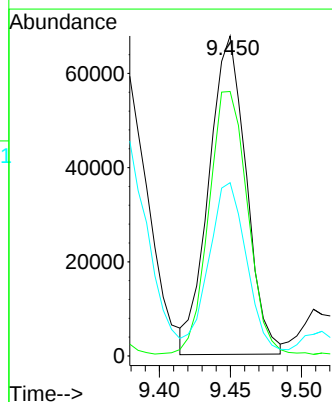
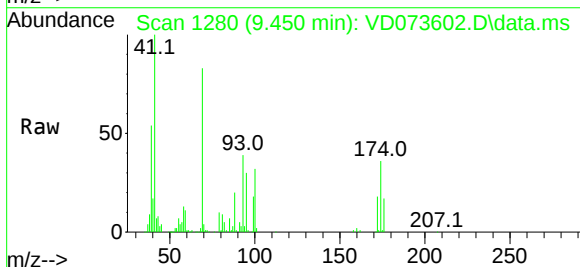
Instrument :  
MSVOA\_D  
ClientSampleId :

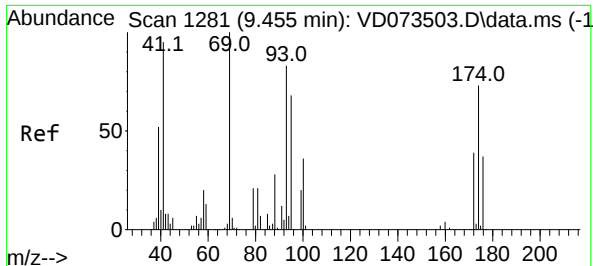
Tgt Ion: 83 Resp: 305552  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.4 77.0  
127 9.9 6.1 9.1#



#48  
Methyl methacrylate  
Concen: 61.306 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 41 Resp: 123867  
Ion Ratio Lower Upper  
41 100  
69 86.0 56.7 85.1#  
39 56.5 42.7 64.1





#49

1,4-Dioxane

Concen: 1194.988 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.001 min

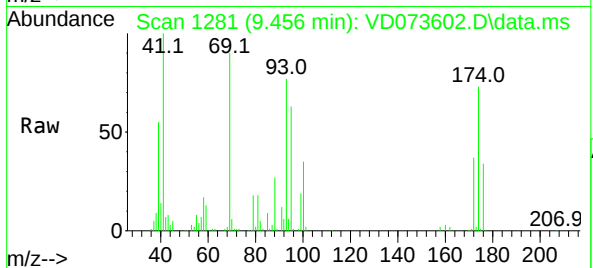
Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

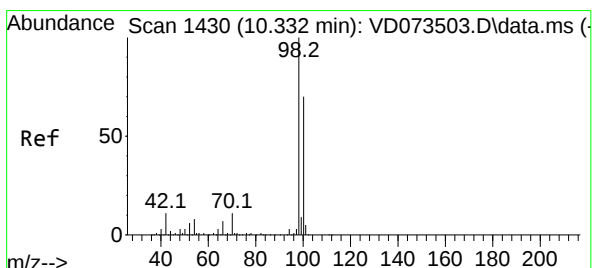
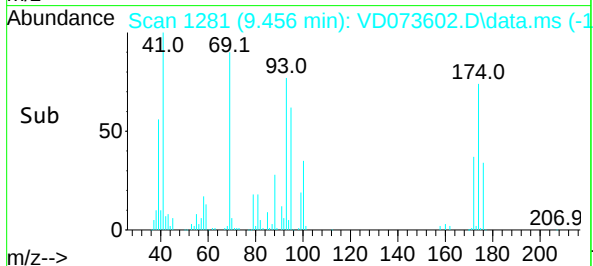
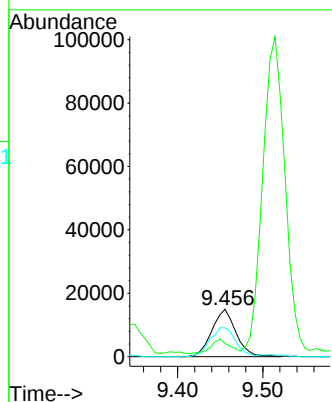
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 29282 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 24.1  | 31.0  | 46.4# |
| 58       | 65.5  | 58.1  | 87.1  |



#50

Toluene-d8

Concen: 57.030 ug/l

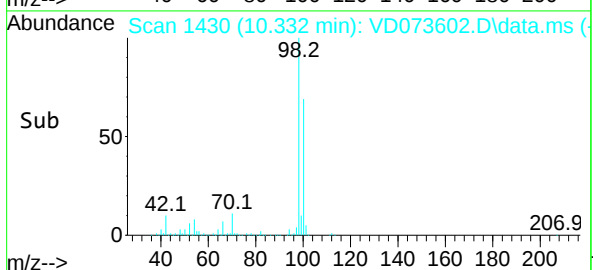
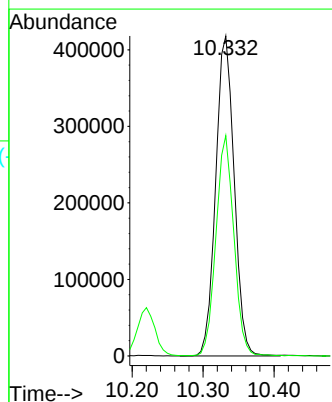
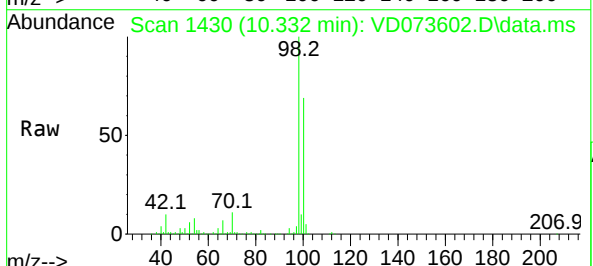
RT: 10.332 min Scan# 1430

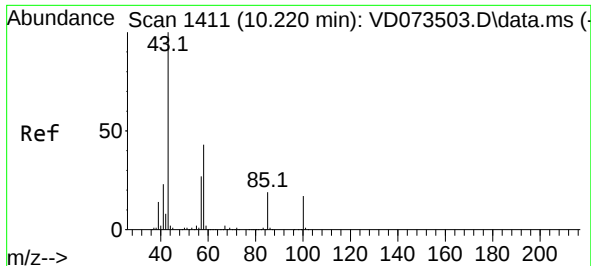
Delta R.T. 0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 753482 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.7  | 52.4  | 78.6   |

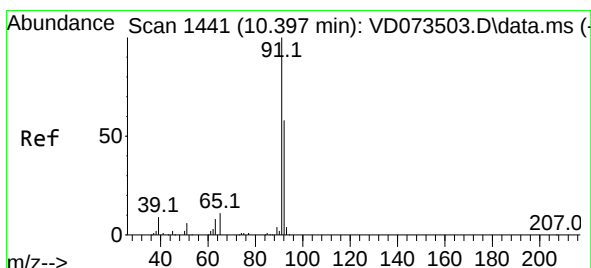
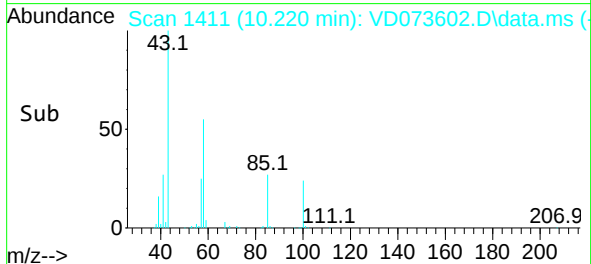
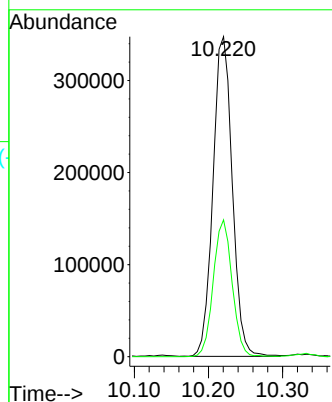
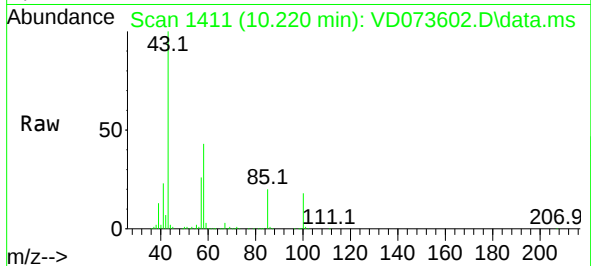




#51  
4-Methyl-2-Pentanone  
Concen: 304.583 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

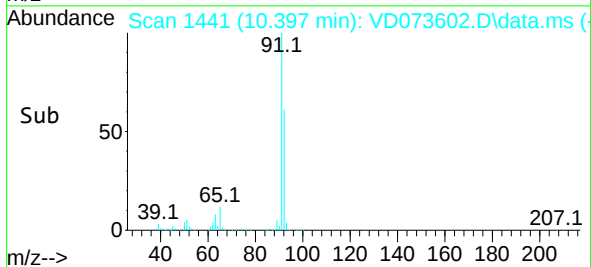
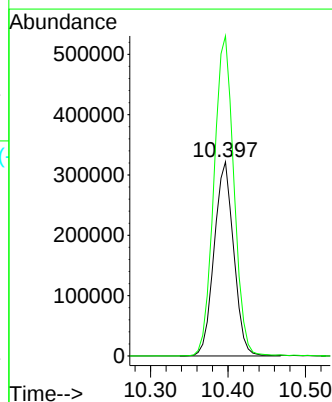
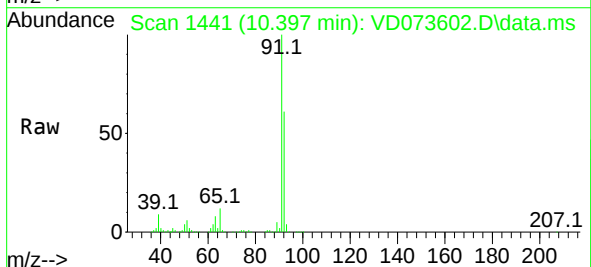
Instrument :  
MSVOA\_D  
ClientSampleId :

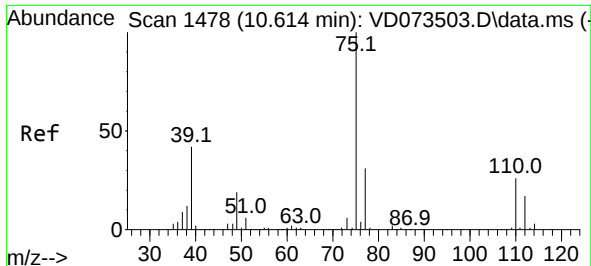
Tgt Ion: 43 Resp: 628631  
Ion Ratio Lower Upper  
43 100  
58 41.7 28.6 43.0



#52  
Toluene  
Concen: 57.681 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 92 Resp: 564780  
Ion Ratio Lower Upper  
92 100  
91 168.6 139.6 209.4

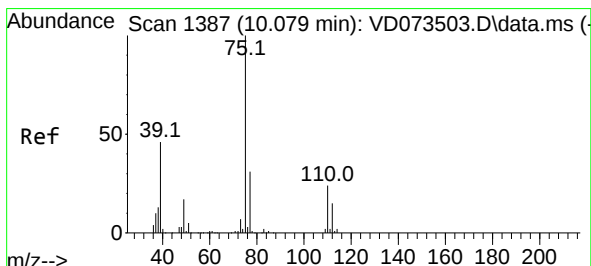
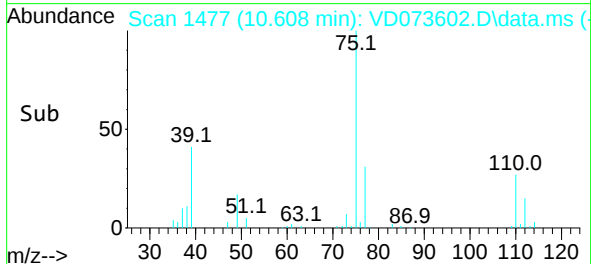
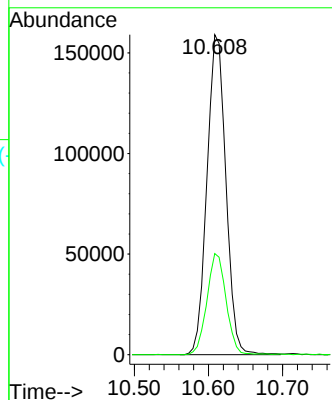
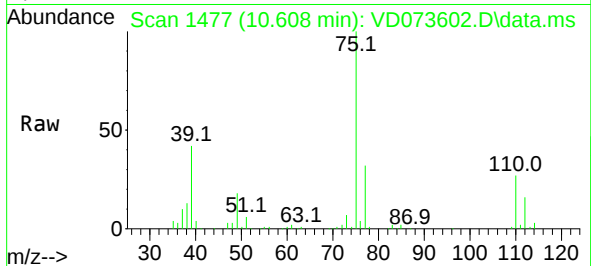




#53  
 t-1,3-Dichloropropene  
 Concen: 56.303 ug/l  
 RT: 10.608 min Scan# 1477  
 Delta R.T. -0.006 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

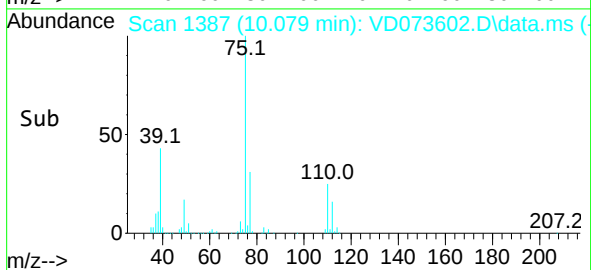
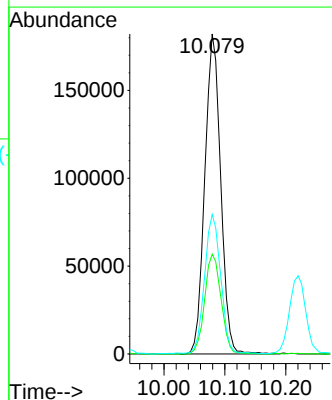
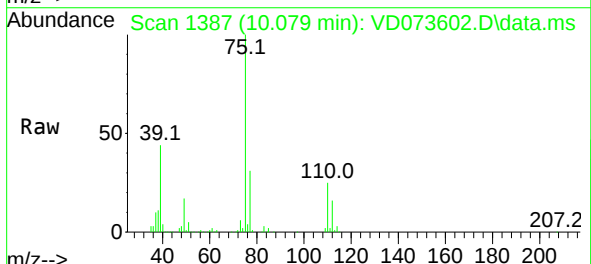
Instrument :  
 MSVOA\_D  
 ClientSampleId :

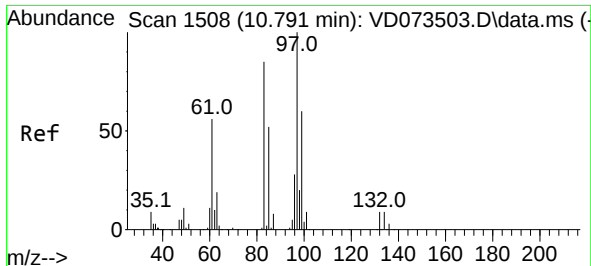
Tgt Ion: 75 Resp: 281899  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 56.328 ug/l  
 RT: 10.079 min Scan# 1387  
 Delta R.T. 0.000 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Tgt Ion: 75 Resp: 330297  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 24.8 37.2  
 39 43.4 46.8 70.2#



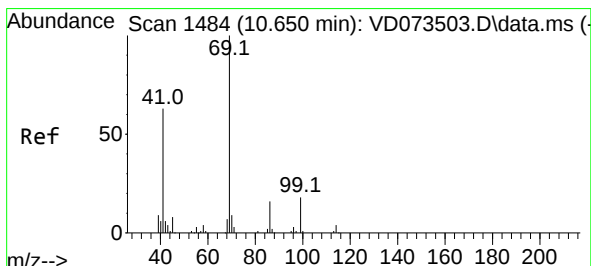
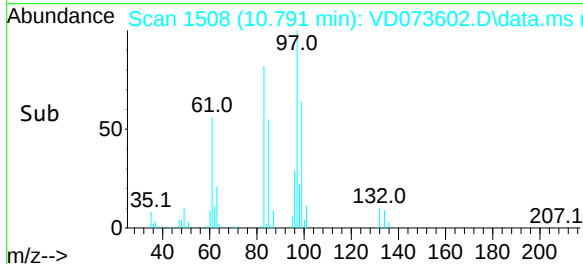
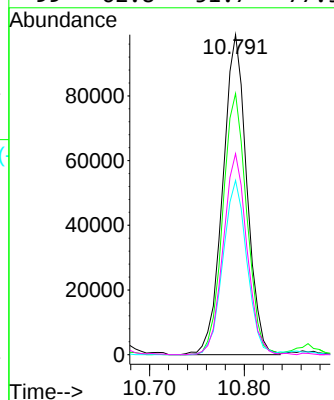
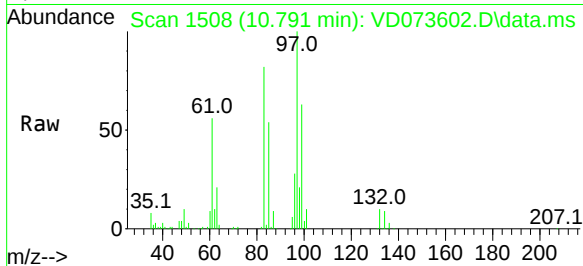


#55  
1,1,2-Trichloroethane  
Concen: 57.425 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 97 Resp: 174488

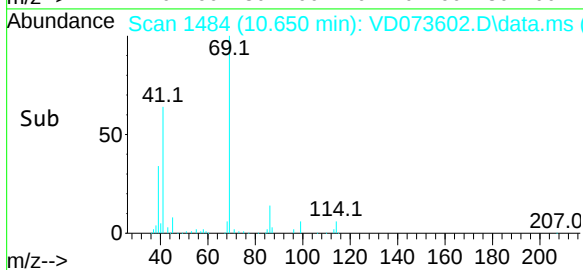
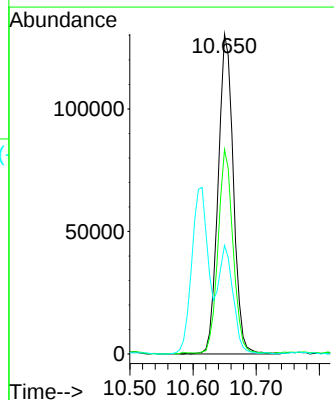
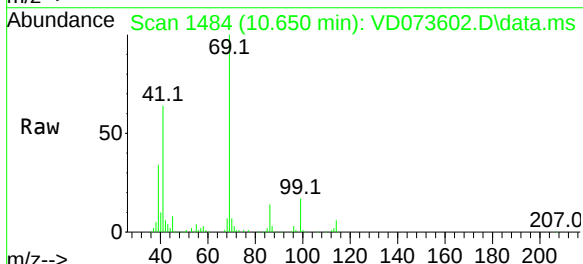
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.6  | 69.0  | 103.4 |
| 85  | 54.5  | 42.6  | 63.8  |
| 99  | 62.8  | 51.7  | 77.5  |

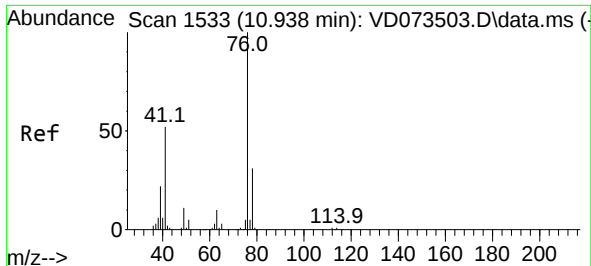


#56  
Ethyl methacrylate  
Concen: 62.813 ug/l  
RT: 10.650 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 69 Resp: 218674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.6  | 63.0  | 94.6# |
| 39  | 32.3  | 33.8  | 50.8# |





#57

1,3-Dichloropropane

Concen: 59.070 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

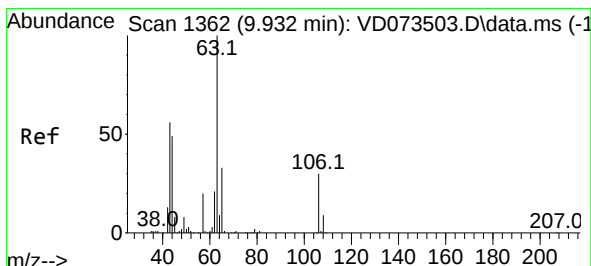
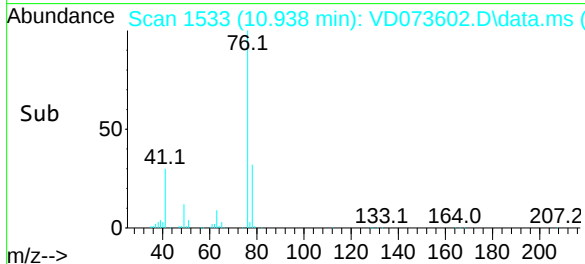
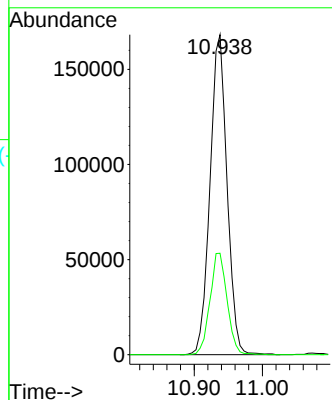
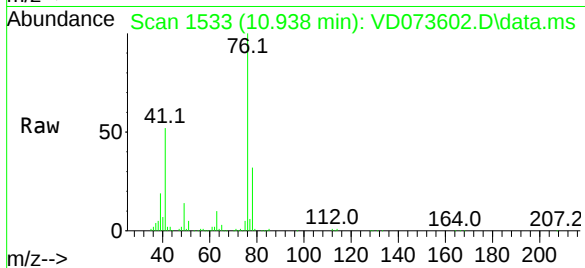
ClientSampleId :

Tgt Ion: 76 Resp: 292347

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 278.438 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073602.D

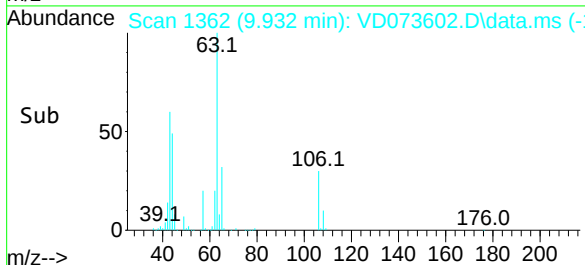
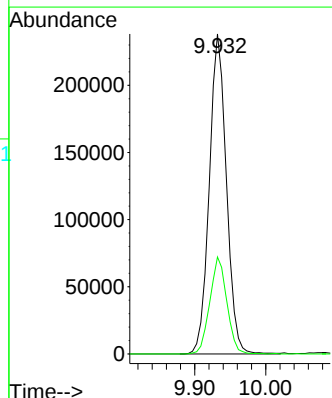
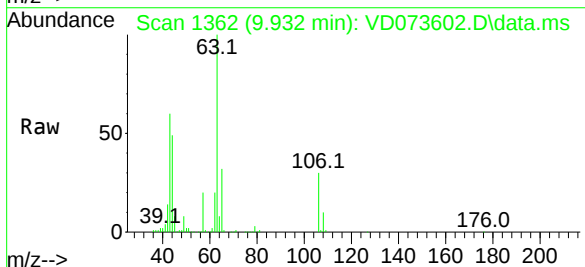
Acq: 15 Jun 2022 20:28

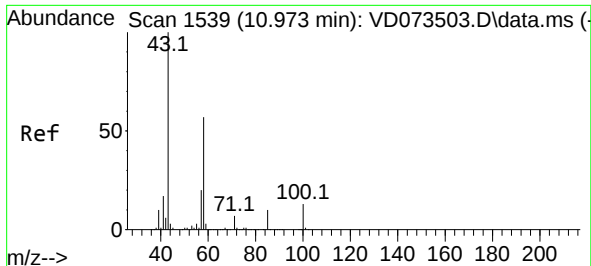
Tgt Ion: 63 Resp: 398537

Ion Ratio Lower Upper

63 100

106 30.1 21.4 32.0

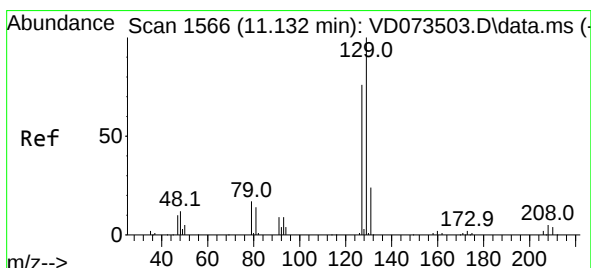
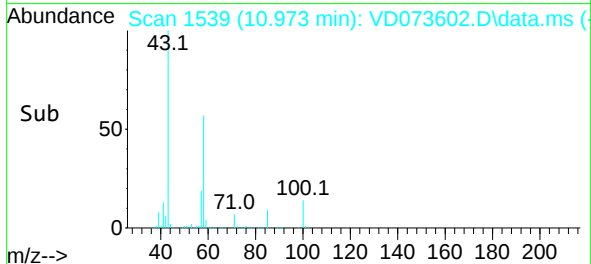
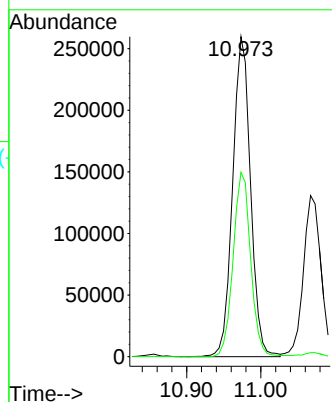
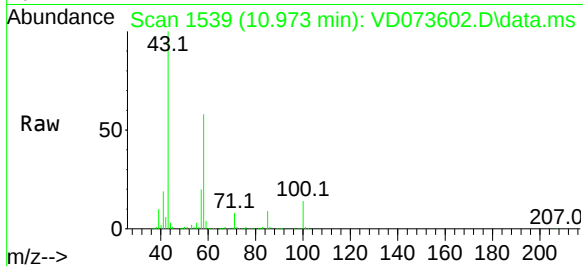




#59  
2-Hexanone  
Concen: 306.976 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

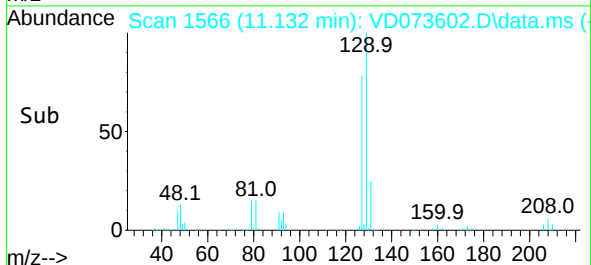
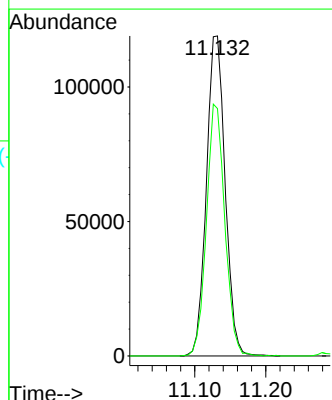
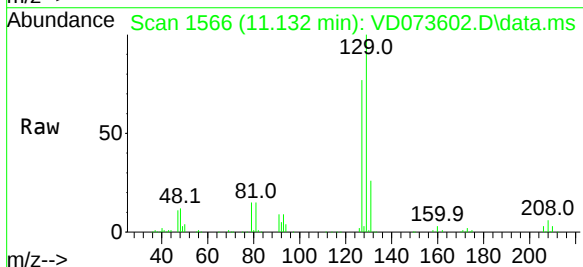
Instrument :  
MSVOA\_D  
ClientSampleId :

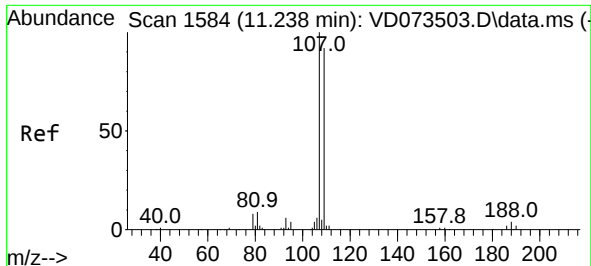
Tgt Ion: 43 Resp: 433899  
Ion Ratio Lower Upper  
43 100  
58 56.6 25.3 75.9



#60  
Dibromochloromethane  
Concen: 58.249 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion:129 Resp: 218444  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.2 117.6

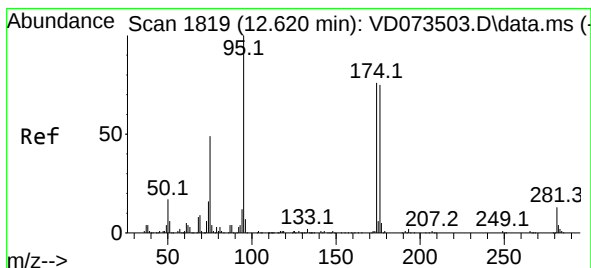
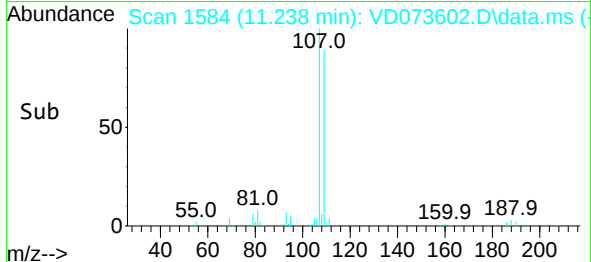
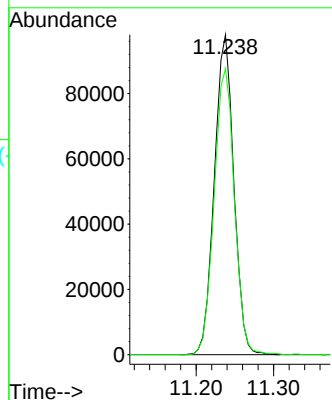
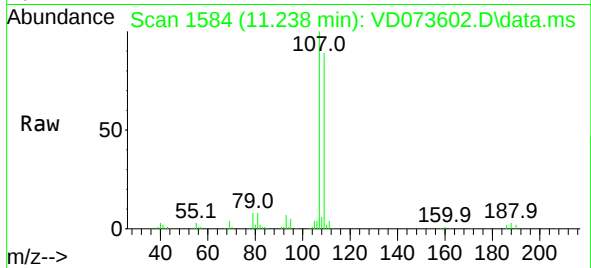




#61  
1,2-Dibromoethane  
Concen: 59.254 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

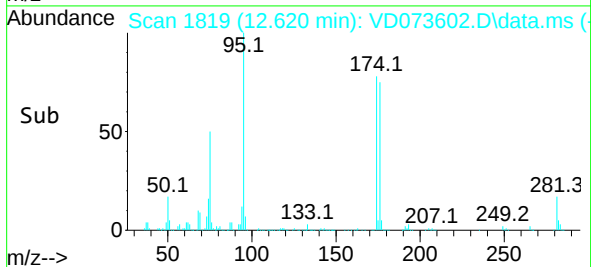
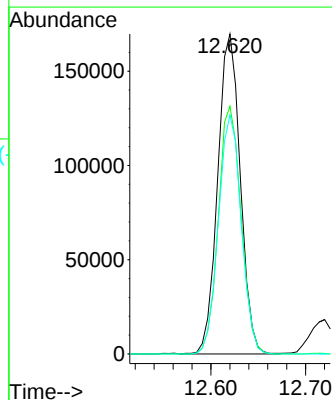
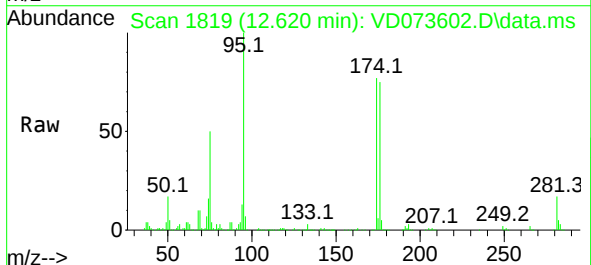
Instrument :  
MSVOA\_D  
ClientSampleId :

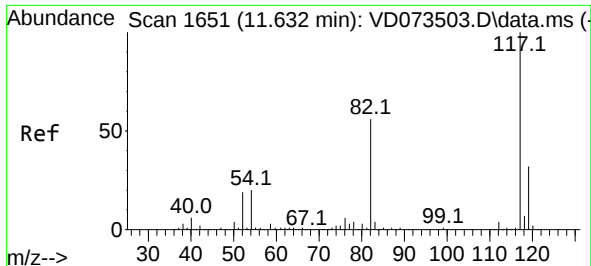
Tgt Ion:107 Resp: 171549  
Ion Ratio Lower Upper  
107 100  
109 93.1 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 58.566 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 95 Resp: 280899  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 152.8  
176 75.4 0.0 145.4

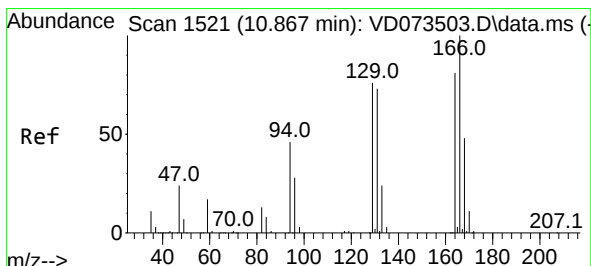
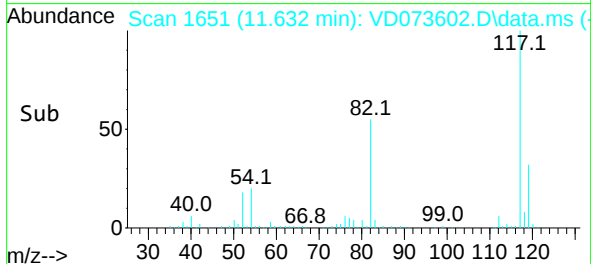
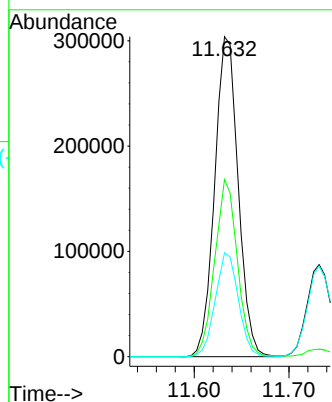
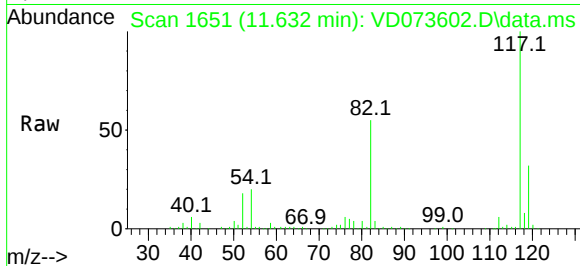




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

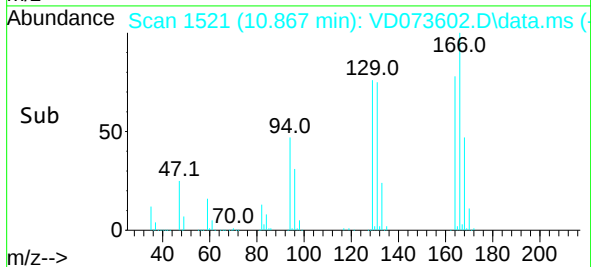
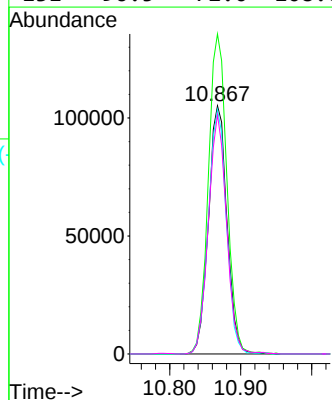
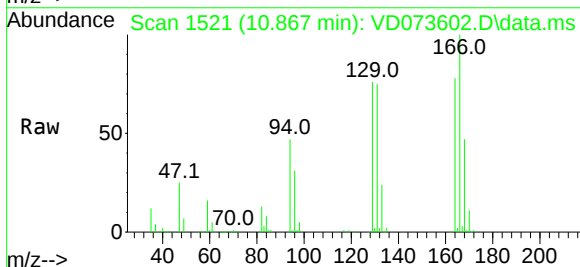
Instrument :  
MSVOA\_D  
ClientSampleId :

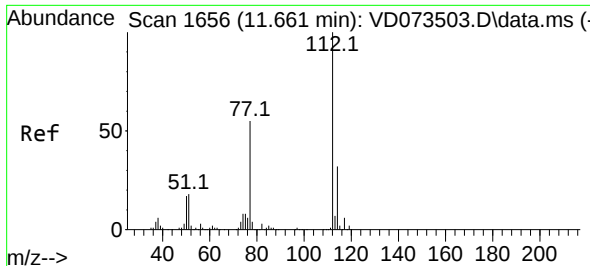
Tgt Ion:117 Resp: 524034  
Ion Ratio Lower Upper  
117 100  
82 55.4 45.3 67.9  
119 32.4 26.6 40.0



#64  
Tetrachloroethene  
Concen: 53.364 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion:164 Resp: 190383  
Ion Ratio Lower Upper  
164 100  
166 129.0 98.5 147.7  
129 98.5 74.6 111.8  
131 96.5 72.0 108.0

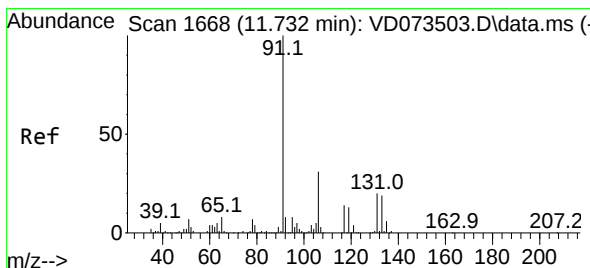
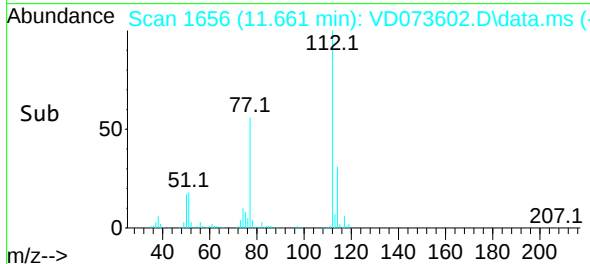
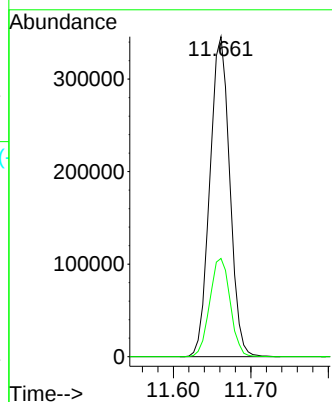
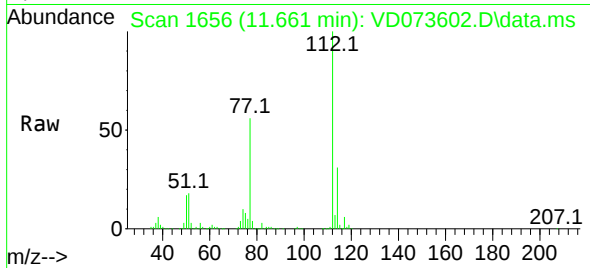




#65  
Chlorobenzene  
Concen: 57.183 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

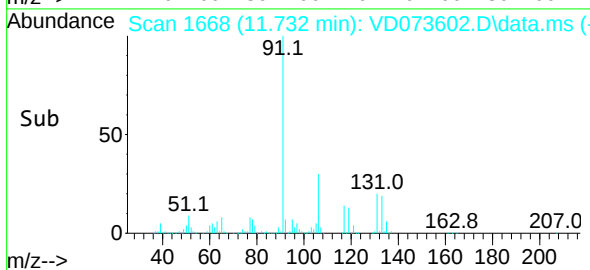
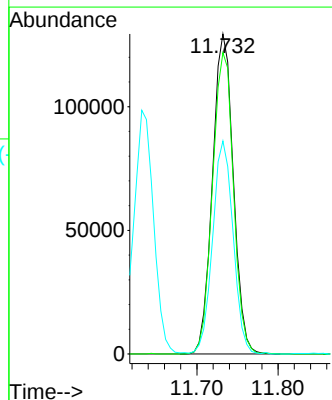
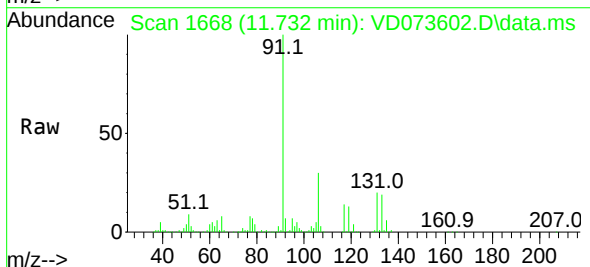
Instrument :  
MSVOA\_D  
ClientSampleId :

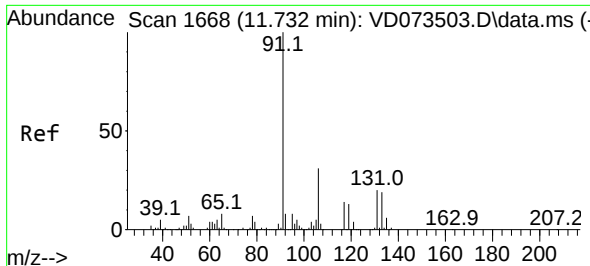
Tgt Ion:112 Resp: 616554  
Ion Ratio Lower Upper  
112 100  
114 30.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.375 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion:131 Resp: 230628  
Ion Ratio Lower Upper  
131 100  
133 94.8 48.1 144.3  
119 65.5 31.9 95.9

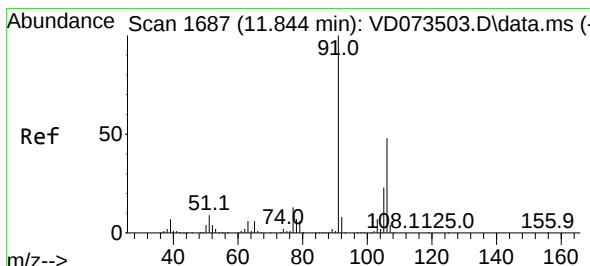
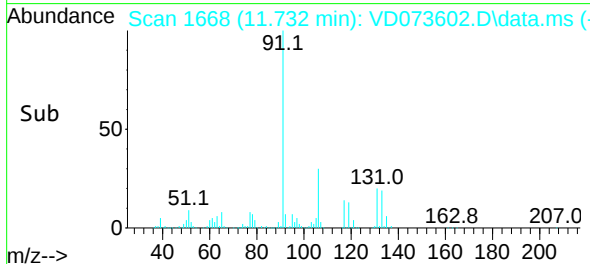
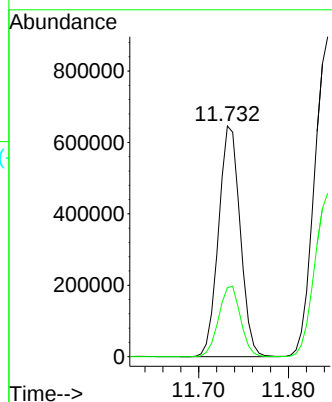
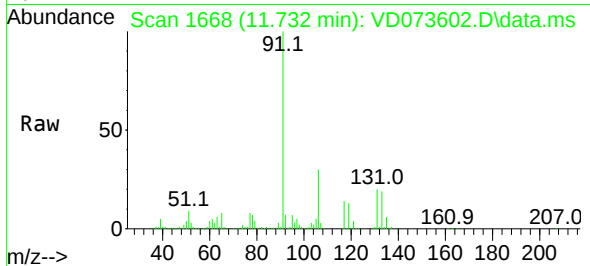




#67  
Ethyl Benzene  
Concen: 57.442 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

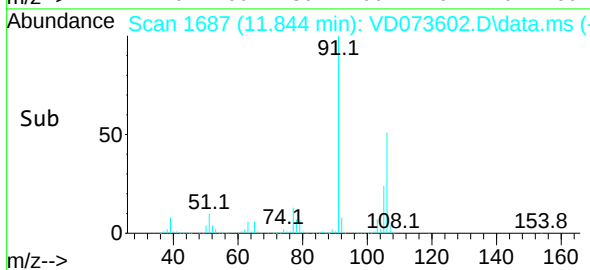
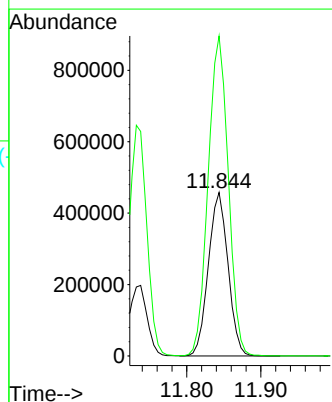
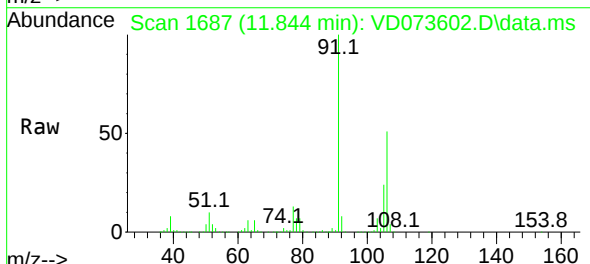
Instrument :  
MSVOA\_D  
ClientSampleId :

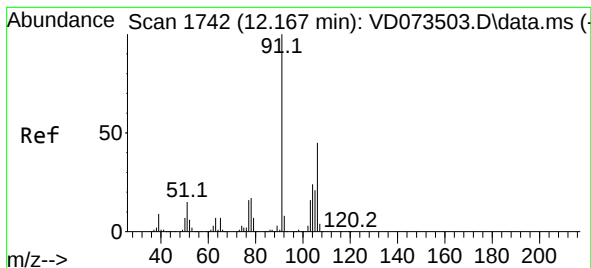
Tgt Ion: 91 Resp: 1082325  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.2 36.4



#68  
m/p-Xylenes  
Concen: 114.113 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 106 Resp: 843769  
Ion Ratio Lower Upper  
106 100  
91 200.4 163.7 245.5





#69

o-Xylene

Concen: 59.336 ug/l

RT: 12.167 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

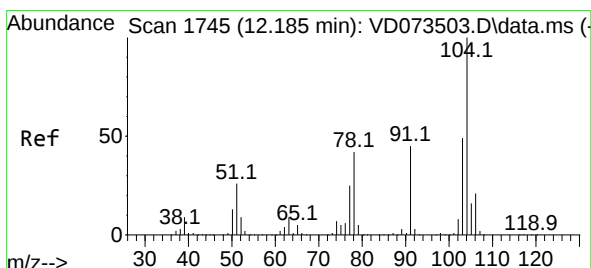
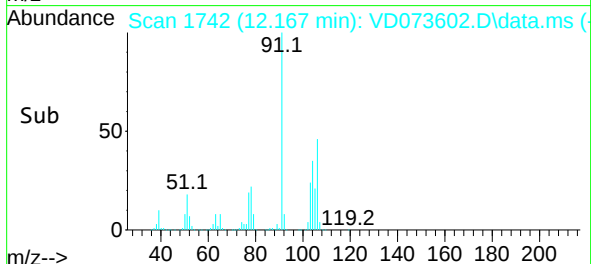
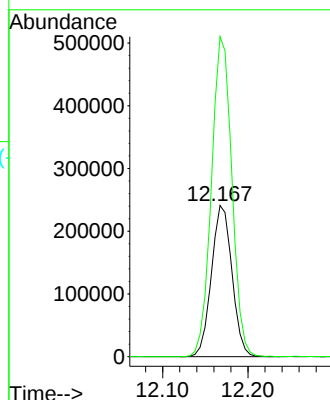
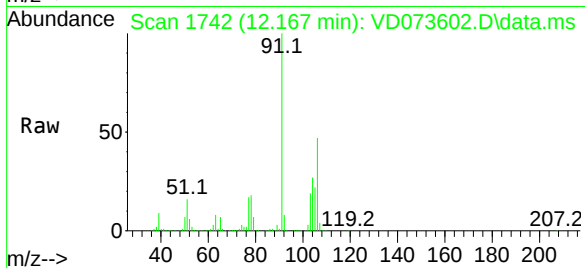
ClientSampleId :

Tgt Ion:106 Resp: 403705

Ion Ratio Lower Upper

106 100

91 210.4 110.4 331.2



#70

Styrene

Concen: 59.420 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

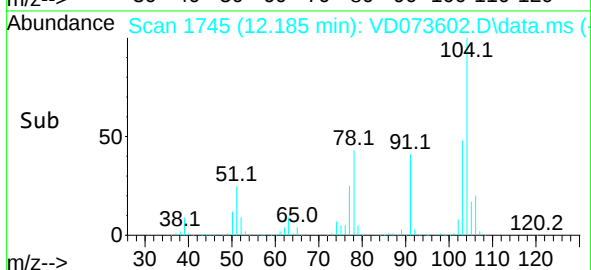
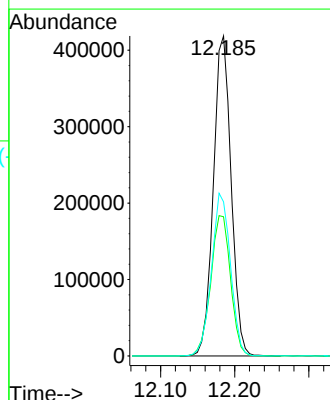
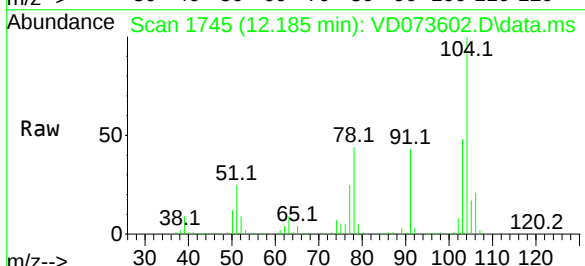
Tgt Ion:104 Resp: 697351

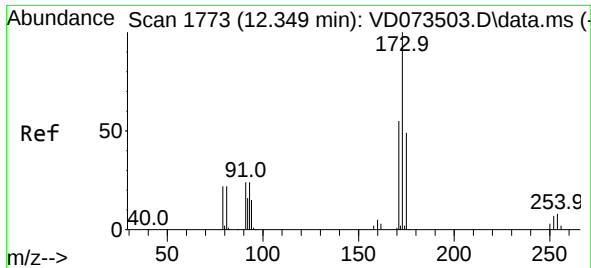
Ion Ratio Lower Upper

104 100

78 48.9 41.8 62.8

103 54.4 44.2 66.4

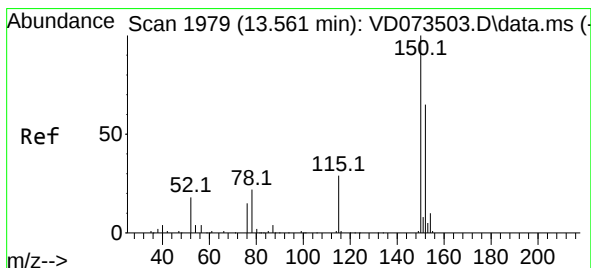
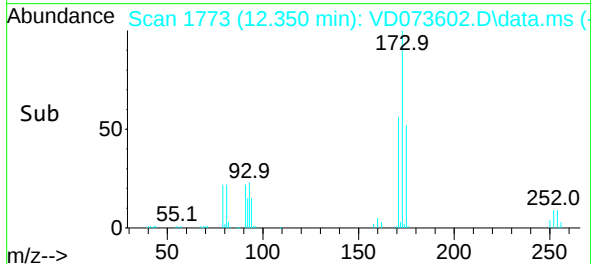
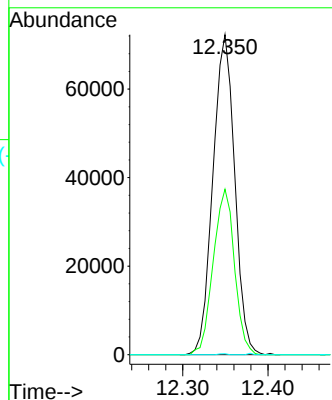
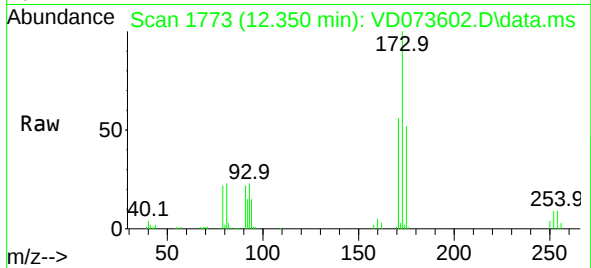




#71  
Bromoform  
Concen: 57.395 ug/l  
RT: 12.350 min Scan# 1773  
Delta R.T. 0.001 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

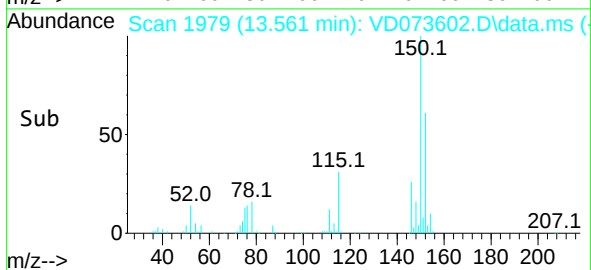
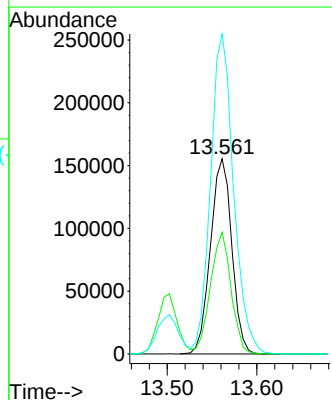
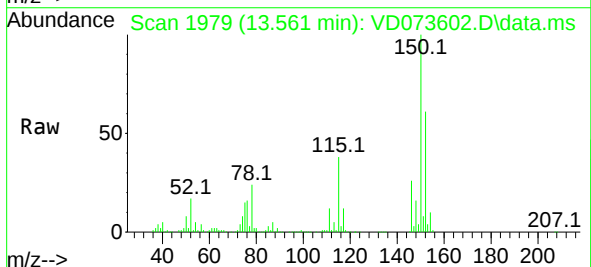
Instrument :  
MSVOA\_D  
ClientSampleId :

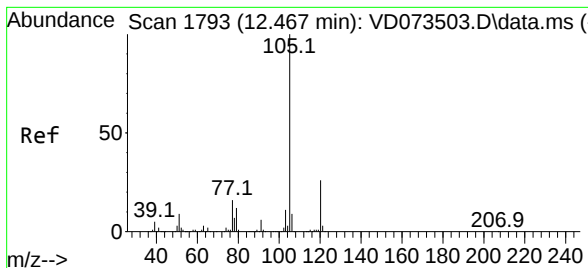
Tgt Ion:173 Resp: 128388  
Ion Ratio Lower Upper  
173 100  
175 50.4 23.9 71.8  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion:152 Resp: 256546  
Ion Ratio Lower Upper  
152 100  
115 60.3 31.3 93.8  
150 177.3 0.0 348.6





#73

Isopropylbenzene

Concen: 59.318 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

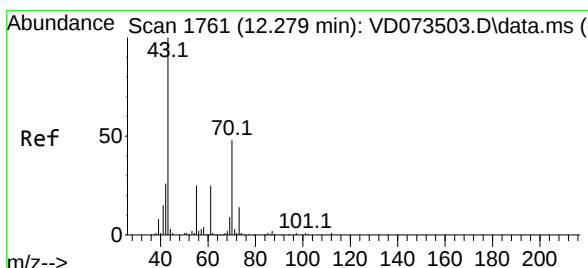
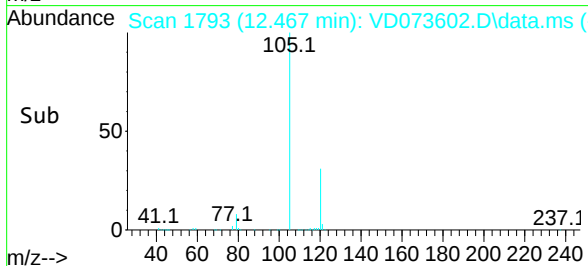
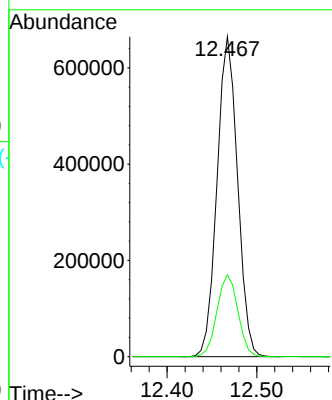
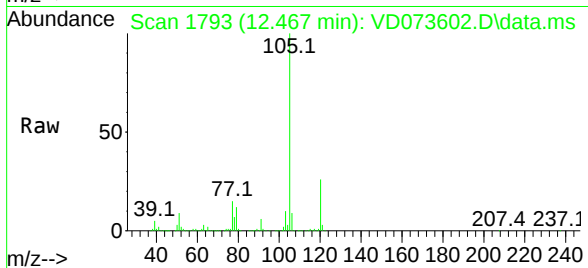
ClientSampleId :

Tgt Ion:105 Resp: 1054790

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 61.142 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Tgt Ion: 43 Resp: 241867

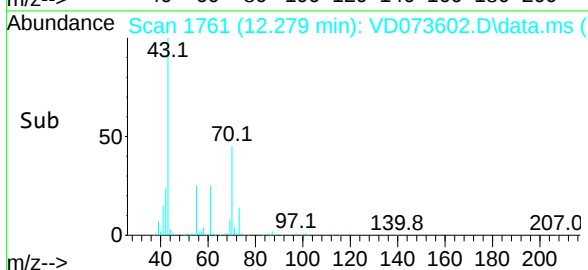
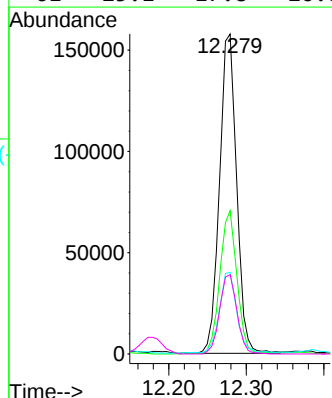
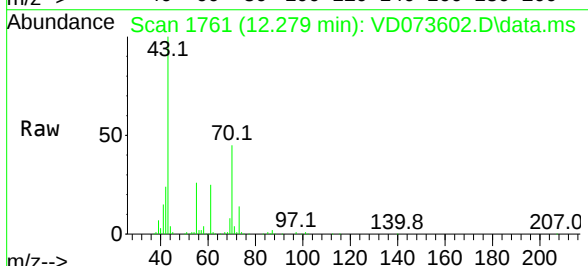
Ion Ratio Lower Upper

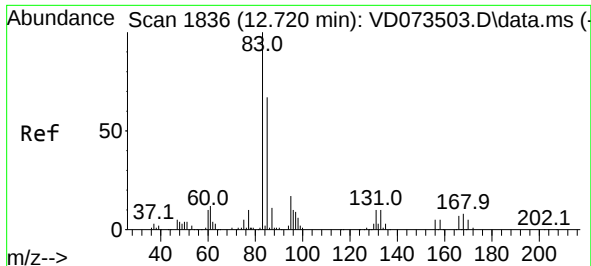
43 100

70 45.3 31.3 46.9

55 26.7 20.0 30.0

61 25.1 17.8 26.8

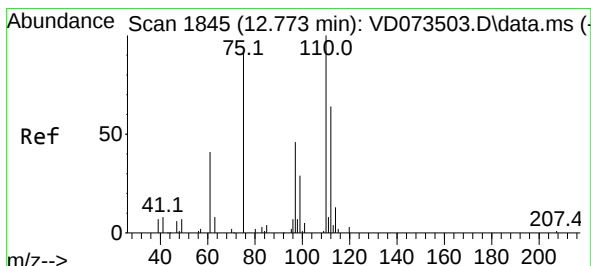
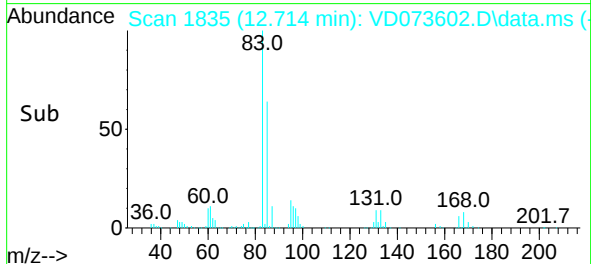
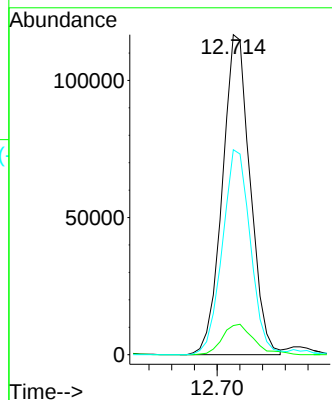
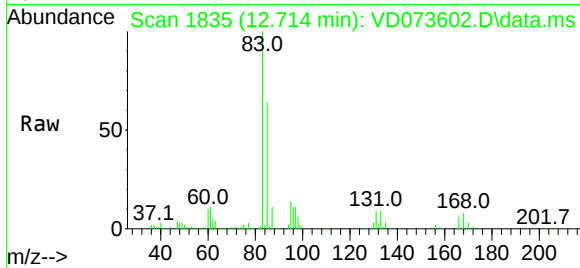




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 58.594 ug/l  
 RT: 12.714 min Scan# 1835  
 Delta R.T. -0.006 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

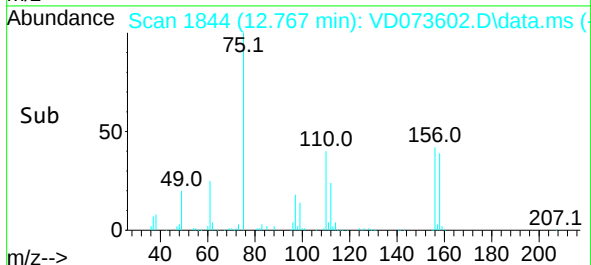
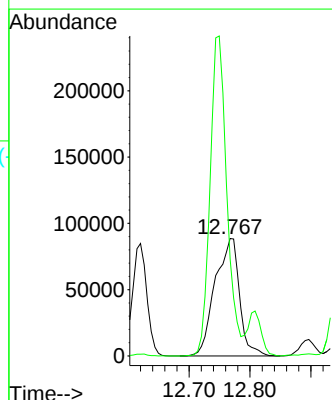
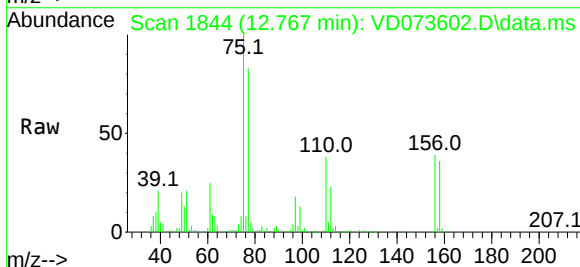
Instrument :  
 MSVOA\_D  
 ClientSampleId :

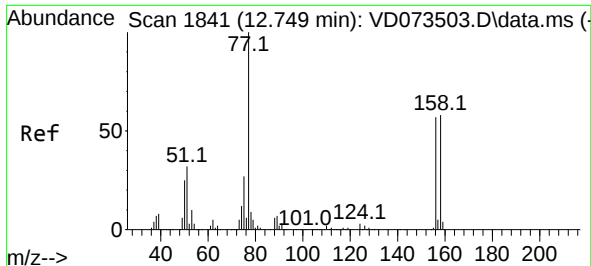
Tgt Ion: 83 Resp: 197794  
 Ion Ratio Lower Upper  
 83 100  
 131 10.8 5.0 14.9  
 85 64.9 32.6 98.0



#76  
 1,2,3-Trichloropropane  
 Concen: 98.892 ug/l  
 RT: 12.767 min Scan# 1844  
 Delta R.T. -0.006 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Tgt Ion: 75 Resp: 246463  
 Ion Ratio Lower Upper  
 75 100  
 77 186.9 0.0 0.0#

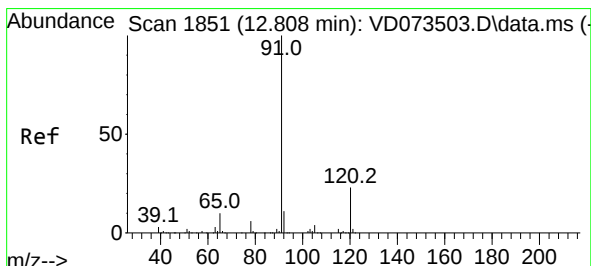
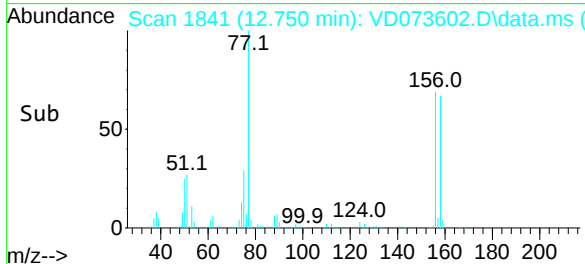
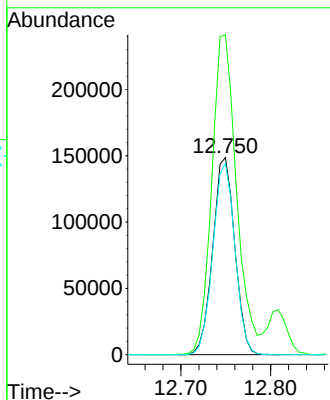
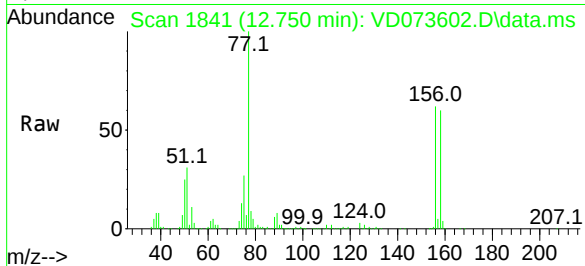




#77  
Bromobenzene  
Concen: 58.409 ug/l  
RT: 12.750 min Scan# 1841  
Delta R.T. 0.001 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

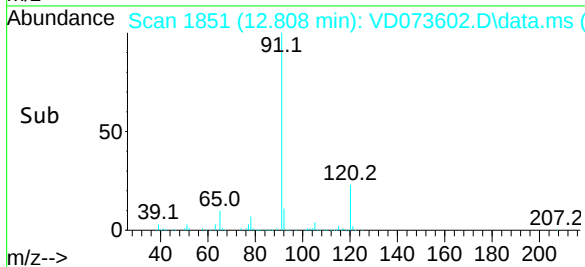
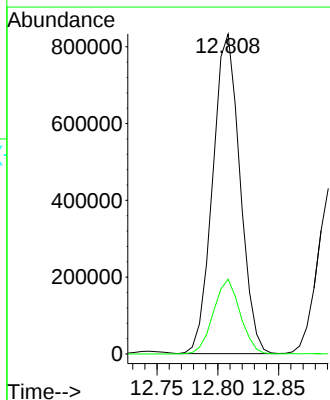
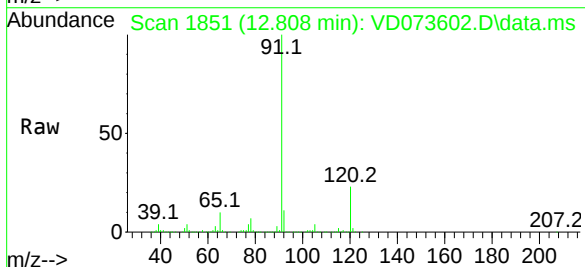
Instrument :  
MSVOA\_D  
ClientSampleId :

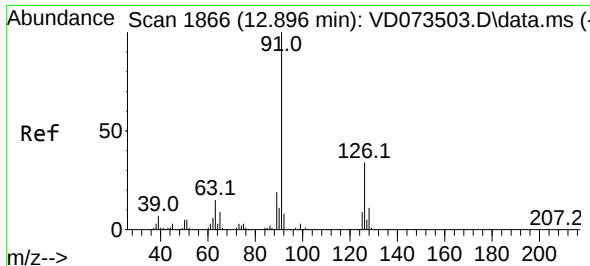
Tgt Ion:156 Resp: 253654  
Ion Ratio Lower Upper  
156 100  
77 181.6 102.8 308.3  
158 97.0 48.7 146.1



#78  
n-propylbenzene  
Concen: 58.571 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 91 Resp: 1296414  
Ion Ratio Lower Upper  
91 100  
120 23.0 10.9 32.9

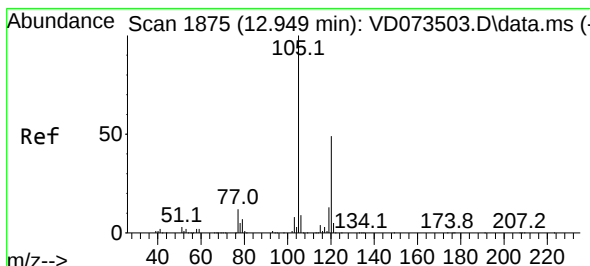
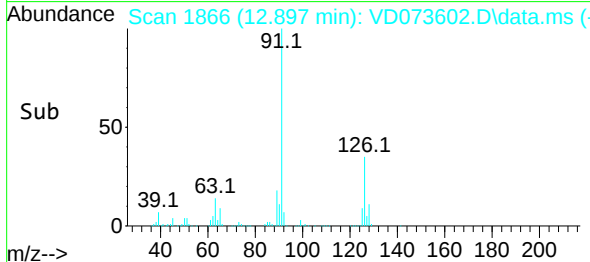
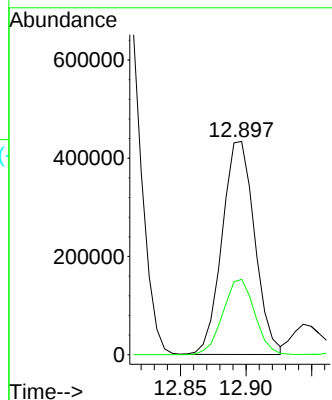
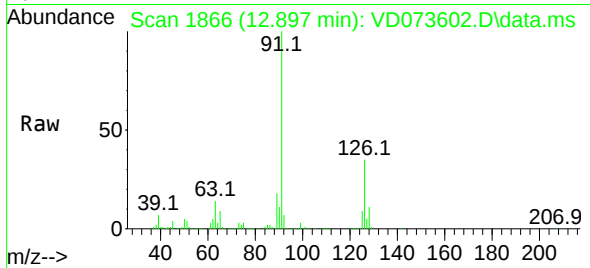




#79  
2-Chlorotoluene  
Concen: 58.295 ug/l  
RT: 12.897 min Scan# 1866  
Delta R.T. 0.001 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

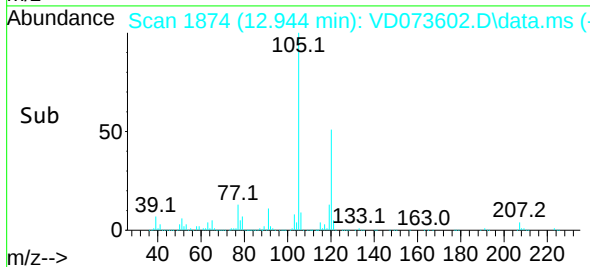
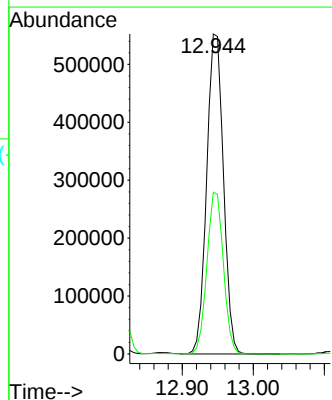
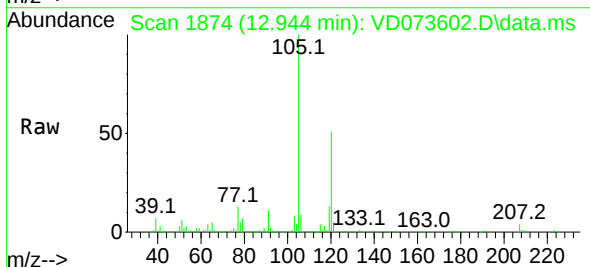
Instrument :  
MSVOA\_D  
ClientSampleId :

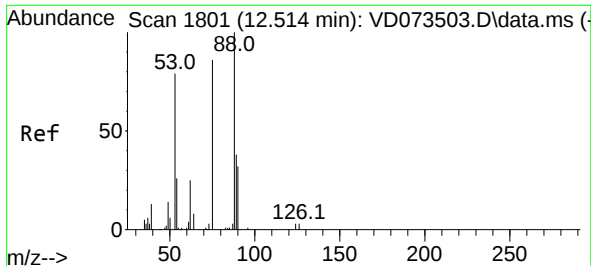
Tgt Ion: 91 Resp: 750016  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 59.075 ug/l  
RT: 12.944 min Scan# 1874  
Delta R.T. -0.005 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 105 Resp: 906008  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.3 72.8

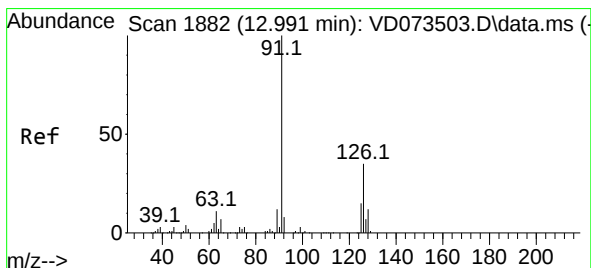
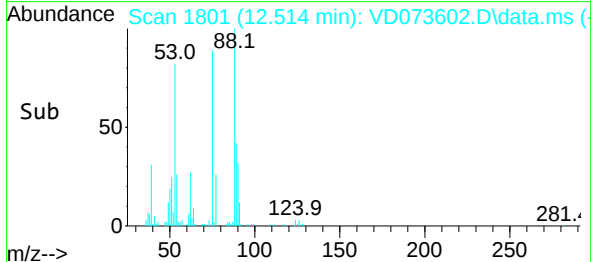
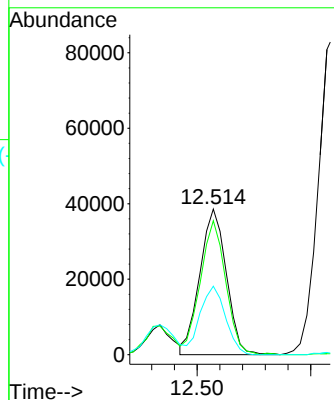
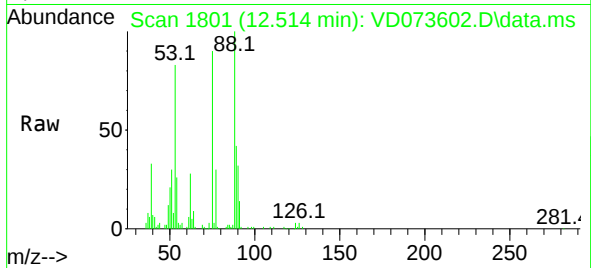




#81  
trans-1,4-Dichloro-2-butene  
Concen: 59.049 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

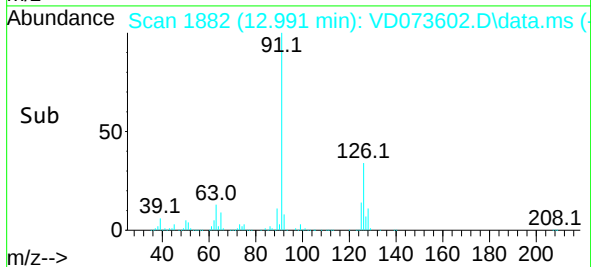
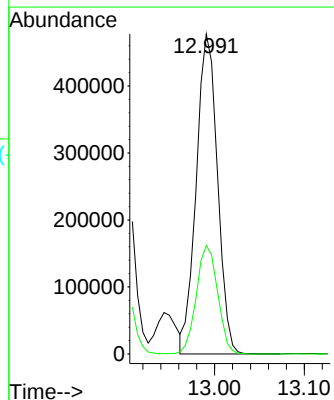
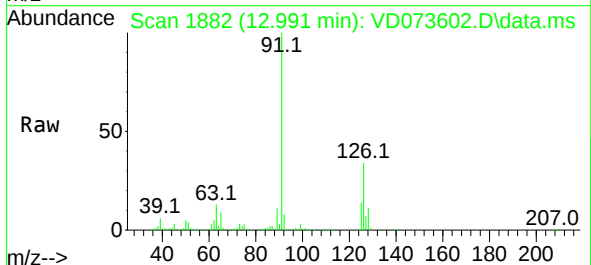
Instrument :  
MSVOA\_D  
ClientSampleId :

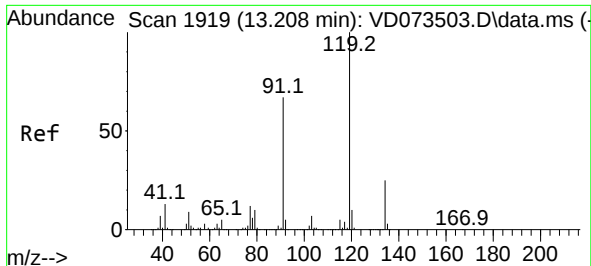
Tgt Ion: 75 Resp: 62699  
Ion Ratio Lower Upper  
75 100  
53 88.5 86.5 129.7  
89 44.5 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 57.733 ug/l  
RT: 12.991 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 91 Resp: 783080  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.5 49.5

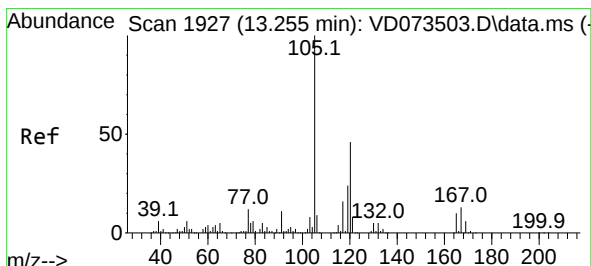
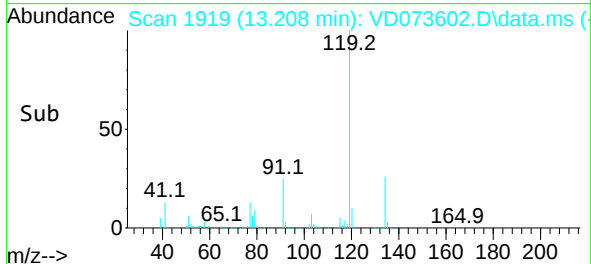
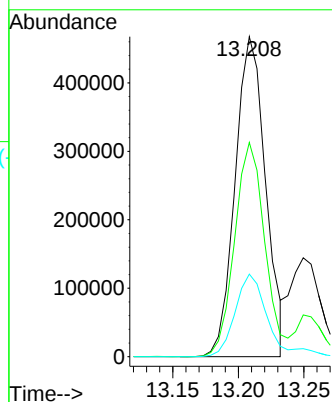
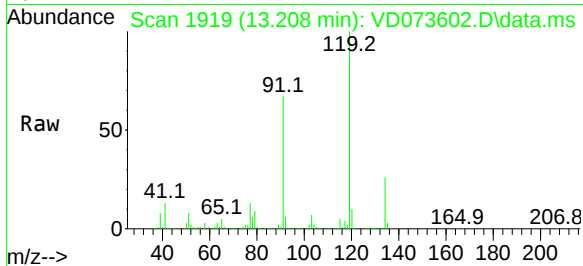




#83  
tert-Butylbenzene  
Concen: 58.313 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

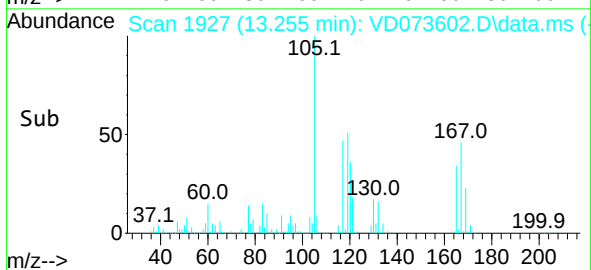
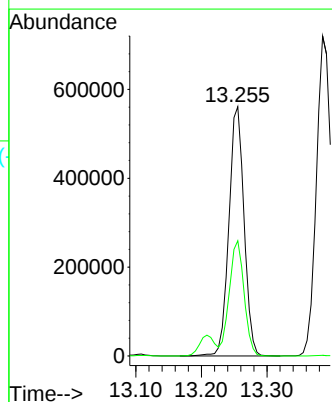
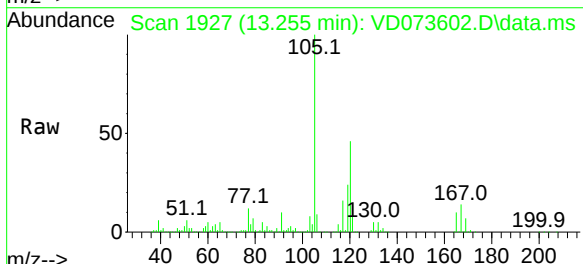
Instrument :  
MSVOA\_D  
ClientSampleId :

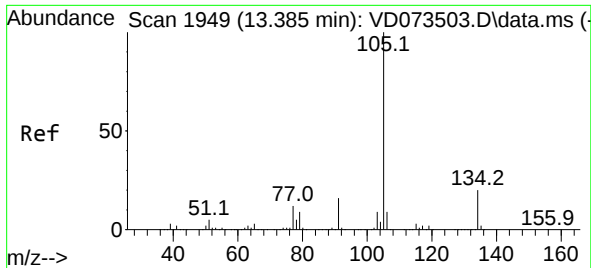
Tgt Ion:119 Resp: 755855  
Ion Ratio Lower Upper  
119 100  
91 66.5 34.8 104.5  
134 27.7 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 58.779 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion:105 Resp: 899727  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.3 66.8

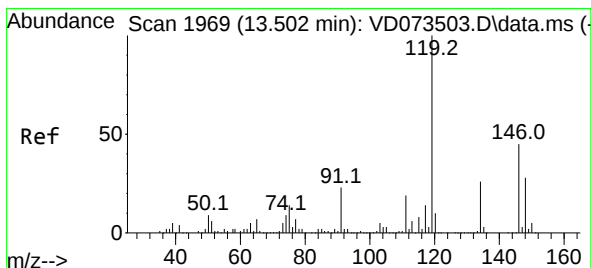
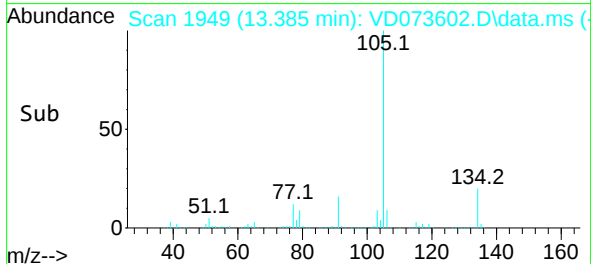
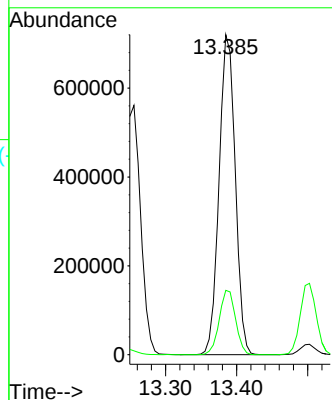
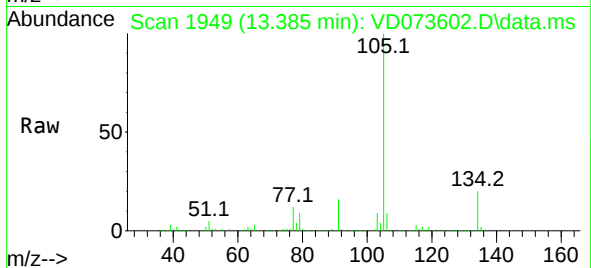




#85  
 sec-Butylbenzene  
 Concen: 58.488 ug/l  
 RT: 13.385 min Scan# 1949  
 Delta R.T. -0.000 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

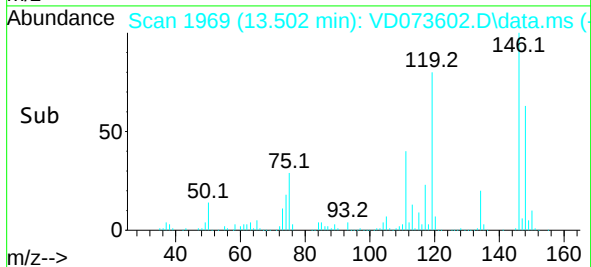
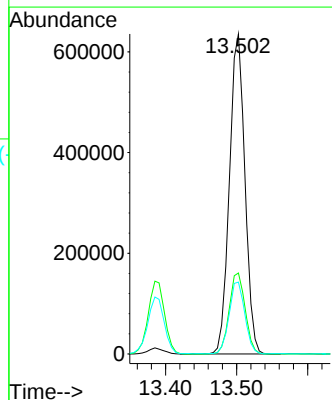
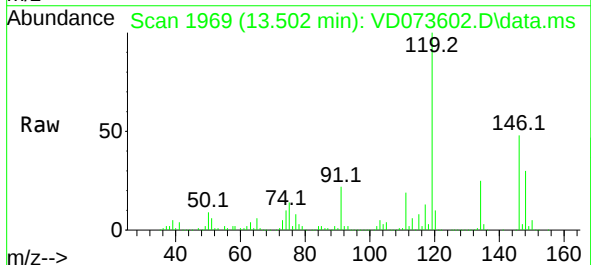
Instrument :  
 MSVOA\_D  
 ClientSampleId :

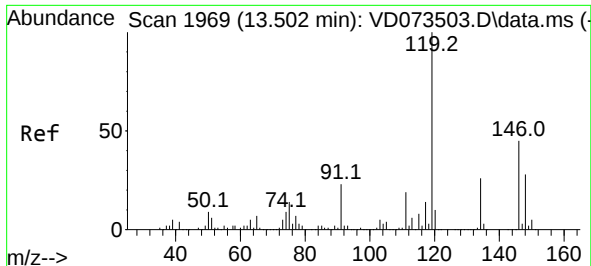
Tgt Ion:105 Resp: 1135692  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 59.484 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Tgt Ion:119 Resp: 962824  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.6  
 91 22.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 56.187 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :

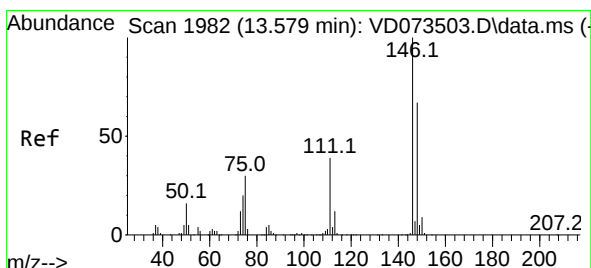
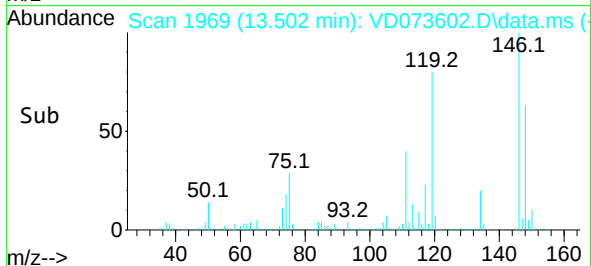
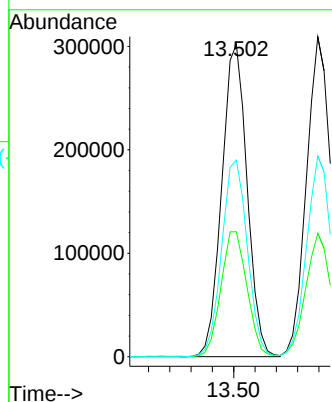
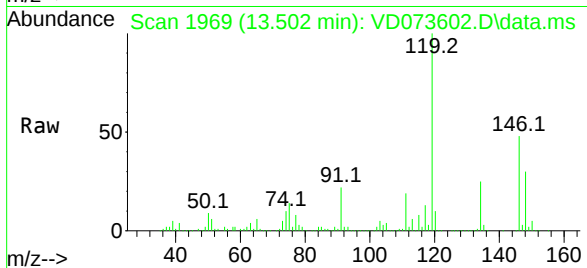
Tgt Ion:146 Resp: 498234

Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 56.817 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

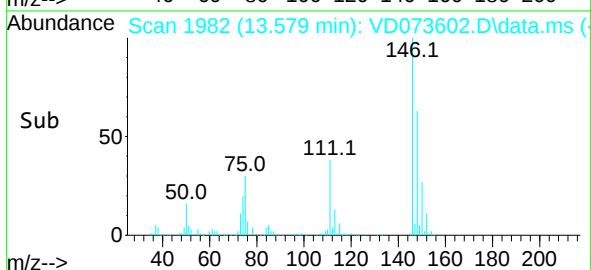
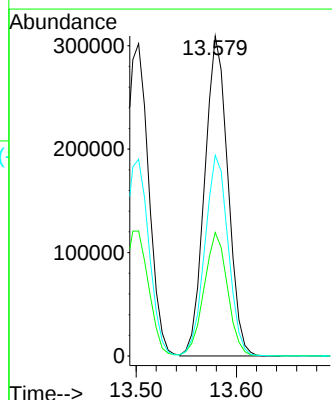
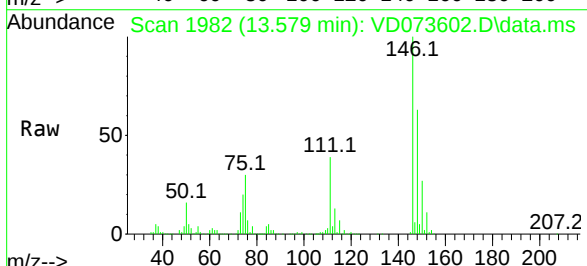
Tgt Ion:146 Resp: 498422

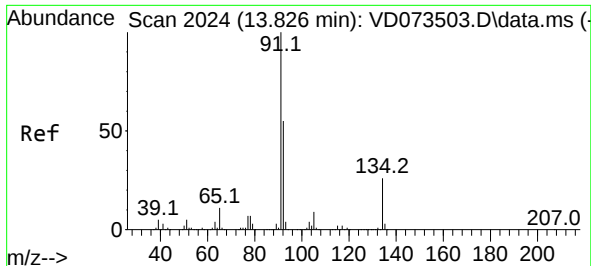
Ion Ratio Lower Upper

146 100

111 39.1 20.3 60.9

148 63.2 31.7 95.1

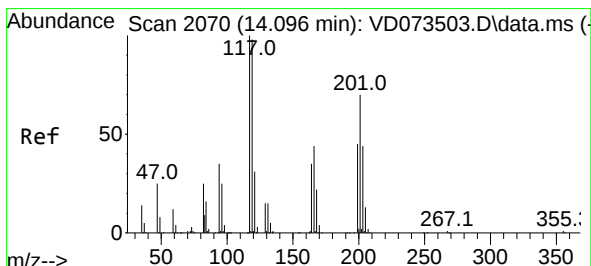
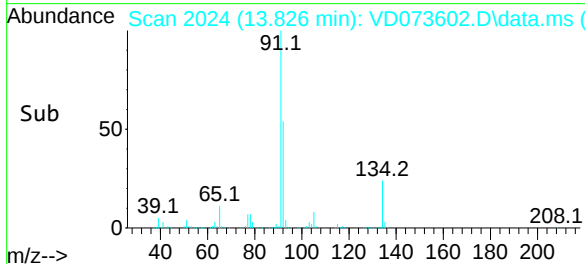
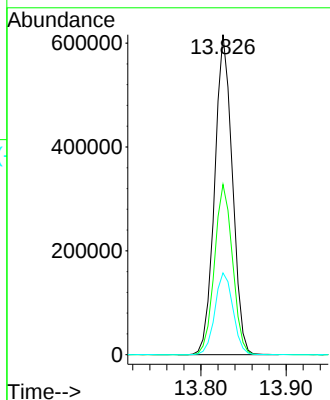
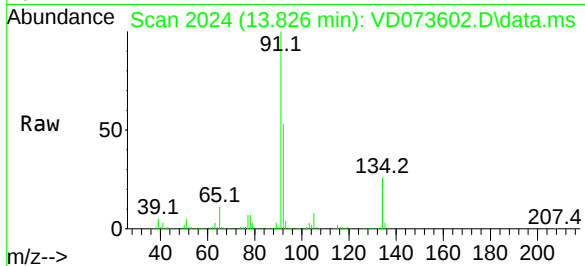




#89  
n-Butylbenzene  
Concen: 58.467 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

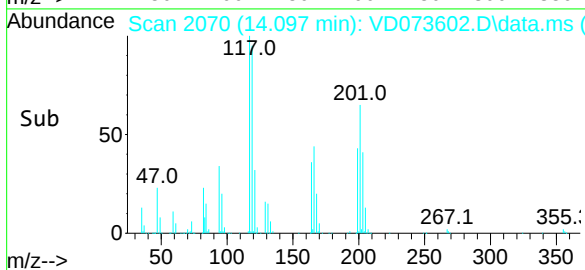
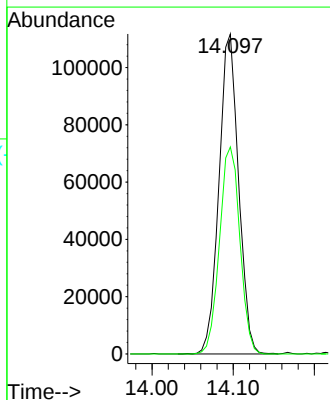
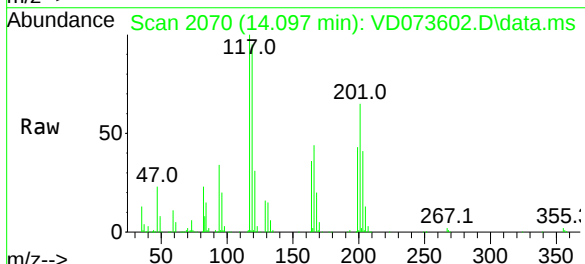
Instrument :  
MSVOA\_D  
ClientSampleId :

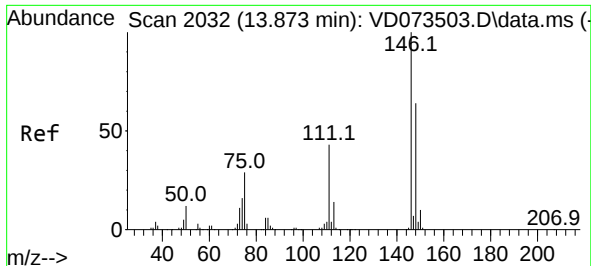
Tgt Ion: 91 Resp: 892744  
Ion Ratio Lower Upper  
91 100  
92 54.1 26.6 79.8  
134 26.1 12.3 36.9



#90  
Hexachloroethane  
Concen: 55.920 ug/l  
RT: 14.097 min Scan# 2070  
Delta R.T. 0.001 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

Tgt Ion: 117 Resp: 187446  
Ion Ratio Lower Upper  
117 100  
201 67.2 33.4 100.2

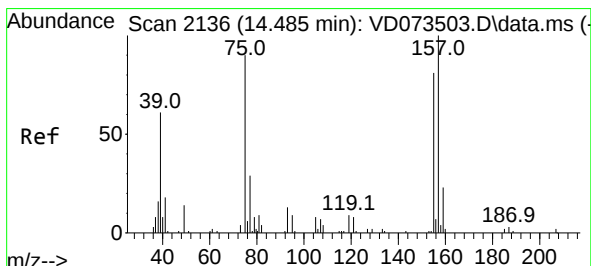
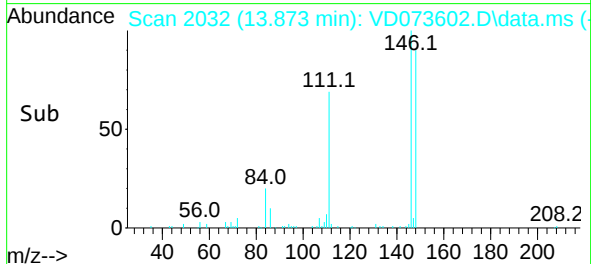
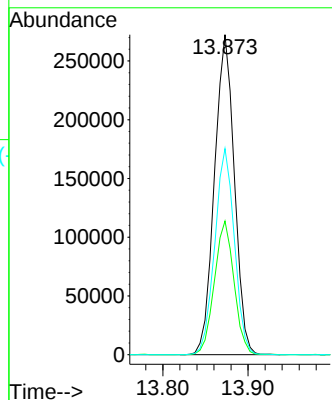
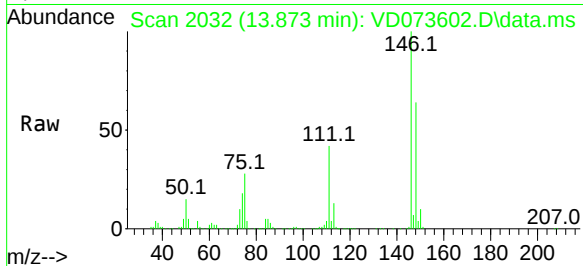




#91  
1,2-Dichlorobenzene  
Concen: 57.772 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

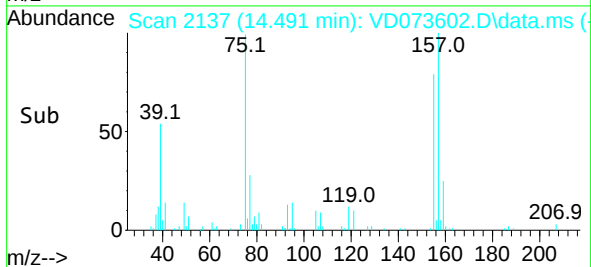
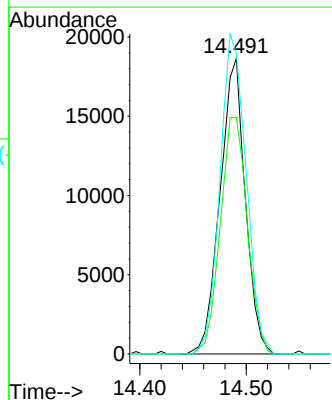
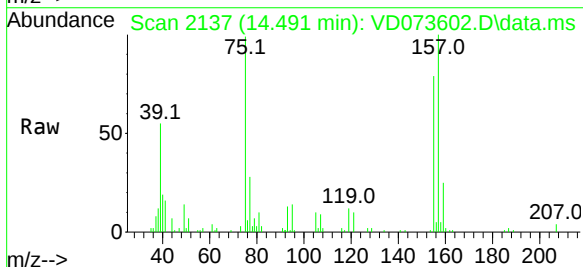
Instrument :  
MSVOA\_D  
ClientSampleId :

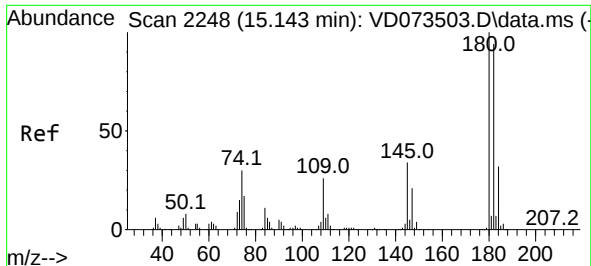
Tgt Ion:146 Resp: 441857  
Ion Ratio Lower Upper  
146 100  
111 41.3 21.1 63.3  
148 63.6 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 56.857 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. 0.006 min  
Lab File: VD073602.D  
Acq: 15 Jun 2022 20:28

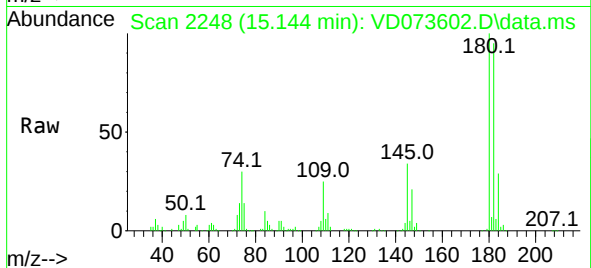
Tgt Ion: 75 Resp: 30653  
Ion Ratio Lower Upper  
75 100  
155 85.6 36.8 110.3  
157 112.1 48.4 145.0



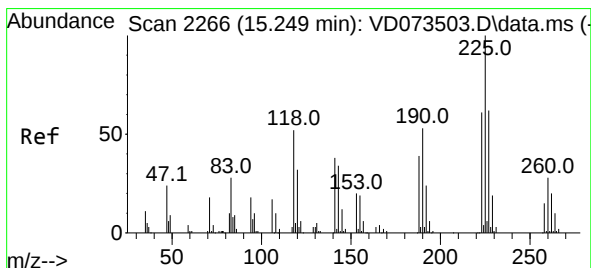
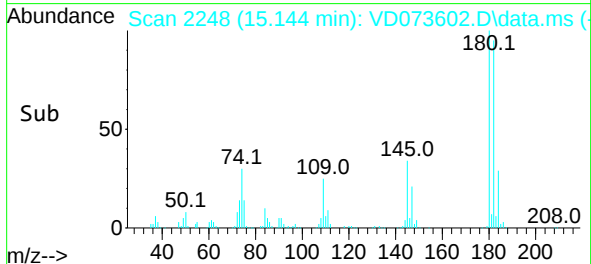
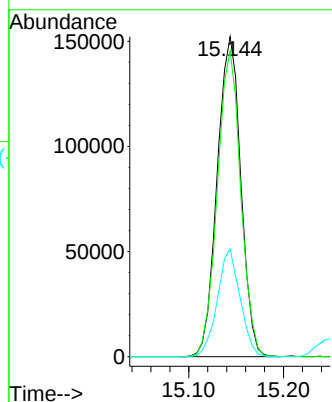


#93  
 1,2,4-Trichlorobenzene  
 Concen: 57.611 ug/l  
 RT: 15.144 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :

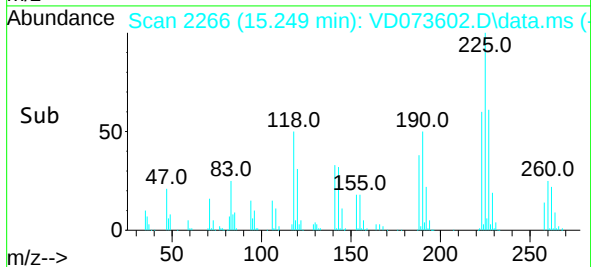
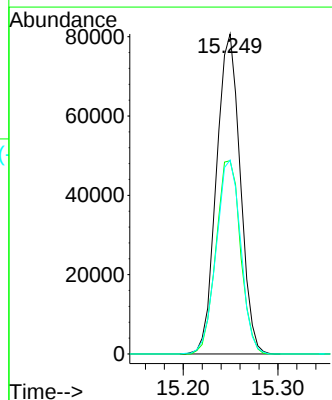
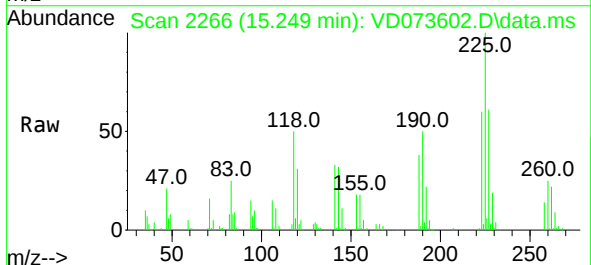


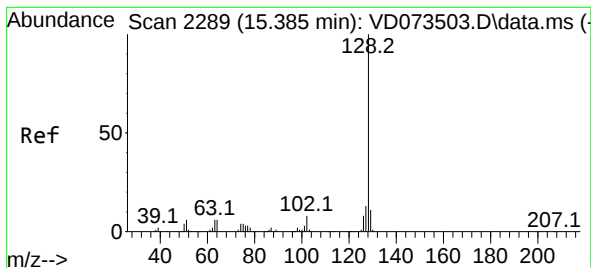
Tgt Ion:180 Resp: 263859  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 47.3 142.0  
 145 32.3 16.2 48.5



#94  
 Hexachlorobutadiene  
 Concen: 55.985 ug/l  
 RT: 15.249 min Scan# 2266  
 Delta R.T. 0.000 min  
 Lab File: VD073602.D  
 Acq: 15 Jun 2022 20:28

Tgt Ion:225 Resp: 140652  
 Ion Ratio Lower Upper  
 225 100  
 223 62.3 31.1 93.2  
 227 62.4 32.4 97.0





#95

Naphthalene

Concen: 54.707 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Instrument :

MSVOA\_D

ClientSampleId :

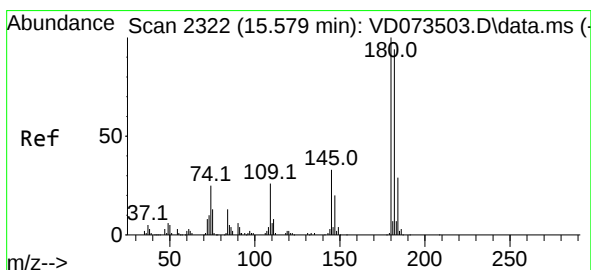
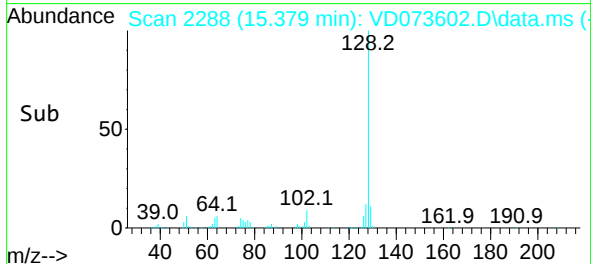
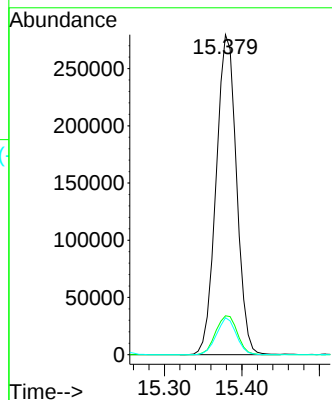
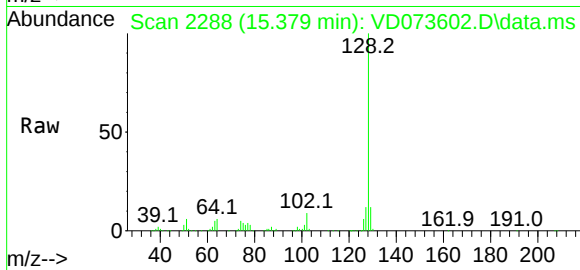
Tgt Ion:128 Resp: 510946

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 58.497 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD073602.D

Acq: 15 Jun 2022 20:28

Tgt Ion:180 Resp: 233941

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 34.1 17.1 51.3

