

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD013122\  
 Data File : VD071837.D  
 Acq On : 31 Jan 2022 10:31  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jan 31 13:34:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 27 06:04:38 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 380844   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 623613   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.643 | 117  | 579991   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 273517   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 252848   | 52.527   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.060% |      |
| 35) Dibromofluoromethane    | 7.920  | 113   | 231812   | 56.551   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 113.100% |      |
| 50) Toluene-d8              | 10.338 | 98    | 889292   | 58.089   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 116.180% |      |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 297783   | 55.701   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 111.400% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 209134  | 46.307  | ug/l   | 98  |
| 3) Chloromethane             | 2.215 | 50  | 260814  | 48.236  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.356 | 62  | 271402  | 47.944  | ug/l   | 98  |
| 5) Bromomethane              | 2.779 | 94  | 192351  | 51.499  | ug/l   | 95  |
| 6) Chloroethane              | 2.932 | 64  | 180078  | 50.197  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.285 | 101 | 397388  | 48.984  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.714 | 74  | 96513   | 45.087  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.109 | 101 | 226434  | 49.474  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.309 | 142 | 246210  | 52.474  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.220 | 59  | 59857   | 200.505 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.079 | 96  | 212574  | 50.806  | ug/l   | 94  |
| 13) Acrolein                 | 3.926 | 56  | 81619   | 190.899 | ug/l   | 97  |
| 14) Allyl chloride           | 4.726 | 41  | 404857  | 50.763  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.420 | 53  | 241596  | 222.070 | ug/l   | 100 |
| 16) Acetone                  | 4.156 | 43  | 327701  | 248.692 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.420 | 76  | 743692  | 50.975  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.720 | 43  | 126948  | 44.559  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.485 | 73  | 468792  | 46.835  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.973 | 84  | 242985  | 50.562  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.479 | 96  | 254629  | 52.275  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.367 | 45  | 807705  | 51.671  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.308 | 43  | 2066927 | 239.691 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.273 | 63  | 475571  | 52.197  | ug/l   | 100 |
| 25) 2-Butanone               | 7.214 | 43  | 353963  | 230.424 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.220 | 77  | 397779  | 52.758  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 277650  | 53.072  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.544 | 49  | 171908  | 50.024  | ug/l # | 19  |
| 29) Tetrahydrofuran          | 7.567 | 42  | 196429  | 216.114 | ug/l   | 99  |
| 30) Chloroform               | 7.714 | 83  | 481949  | 51.777  | ug/l   | 95  |
| 31) Cyclohexane              | 7.991 | 56  | 446953  | 48.636  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 420867  | 51.262  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 381196  | 54.181  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.297 | 43  | 142965  | 43.706  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 372355  | 53.517  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.355 | 83  | 433830  | 53.216  | ug/l   | 97  |
| 40) Benzene                  | 8.355 | 78  | 1021369 | 53.780  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD013122\  
 Data File : VD071837.D  
 Acq On : 31 Jan 2022 10:31  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jan 31 13:34:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 27 06:04:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 72536    | 39.197  | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 309613   | 51.628  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.449  | 43   | 272494   | 46.349  | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 252857   | 51.565  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 258127   | 52.711  | ug/l   | 94       |
| 46) Dibromomethane            | 9.473  | 93   | 130597   | 50.933  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.661  | 83   | 356183   | 52.525  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.455  | 41   | 143688   | 46.181  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 25773    | 880.634 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 706550   | 229.654 | ug/l   | 100      |
| 52) Toluene                   | 10.402 | 92   | 636021   | 53.856  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 312723   | 50.211  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 381647   | 52.276  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 171509   | 50.399  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 200945   | 47.693  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.943 | 76   | 306209   | 50.403  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 447935   | 225.839 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.979 | 43   | 534767   | 239.483 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.138 | 129  | 214322   | 51.002  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.243 | 107  | 158978   | 48.488  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.873 | 164  | 214721   | 52.338  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.667 | 112  | 650989   | 53.055  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 236431   | 52.966  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.743 | 91   | 1230263  | 54.490  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.849 | 106  | 953589   | 111.042 | ug/l   | 100      |
| 69) o-Xylene                  | 12.173 | 106  | 434122   | 55.627  | ug/l   | 98       |
| 70) Styrene                   | 12.190 | 104  | 742206   | 55.176  | ug/l   | 100      |
| 71) Bromoform                 | 12.355 | 173  | 115406   | 48.422  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1158926  | 54.719  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 243808   | 46.809  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 179076   | 45.690  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 247578   | 85.889  | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 241187   | 51.193  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.814 | 91   | 1467786  | 55.268  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 811560   | 53.925  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 977737   | 55.657  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 51656    | 44.062  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 852541   | 54.449  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 829083   | 56.946  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 962660   | 55.707  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.390 | 105  | 1252944  | 55.000  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1035206  | 55.922  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 506356   | 52.928  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.584 | 146  | 489721   | 51.291  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 999584   | 55.037  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 201212   | 54.683  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 423919   | 51.779  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 28640    | 44.122  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 241694   | 50.535  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 140575   | 53.905  | ug/l   | 98       |
| 95) Naphthalene               | 15.384 | 128  | 415845   | 43.948  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 206843   | 50.457  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD013122\  
Data File : VD071837.D  
Acq On : 31 Jan 2022 10:31  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

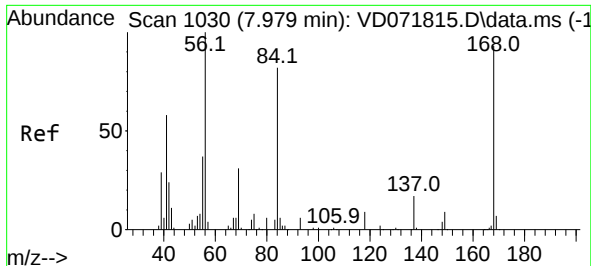
Quant Time: Jan 31 13:34:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 27 06:04:38 2022  
Response via : Initial Calibration

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

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

Quant Time: Jan 31 13:34:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 27 06:04:38 2022  
Response via : Initial Calibration

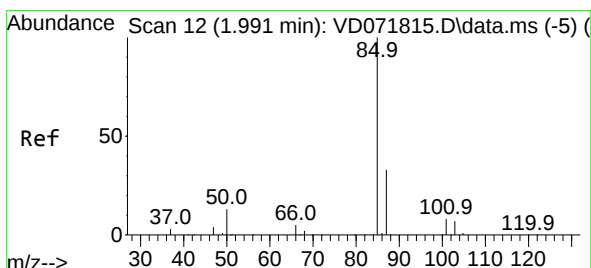
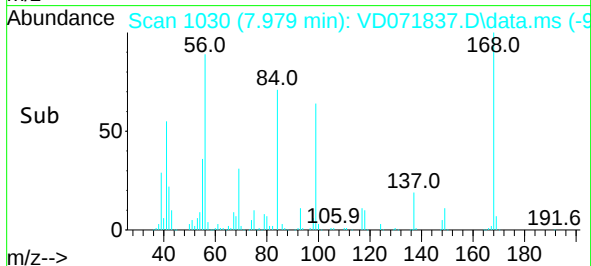
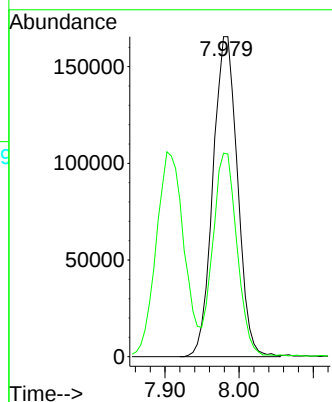
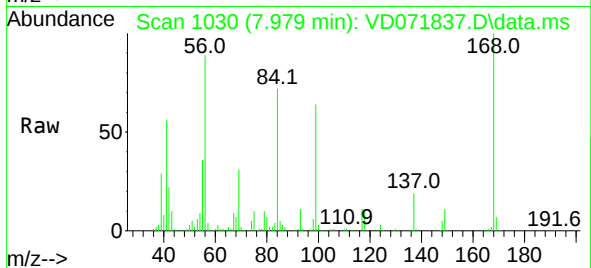




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

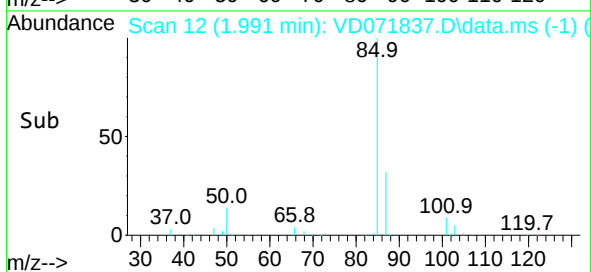
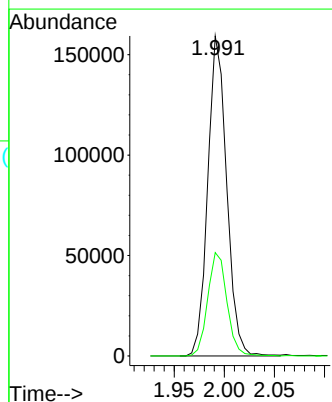
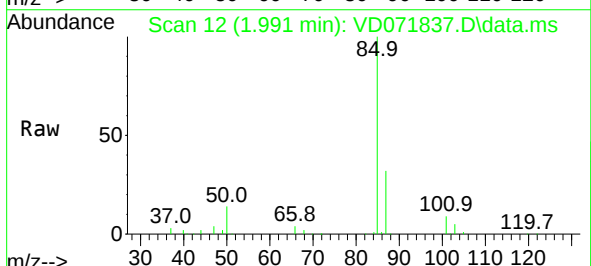
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

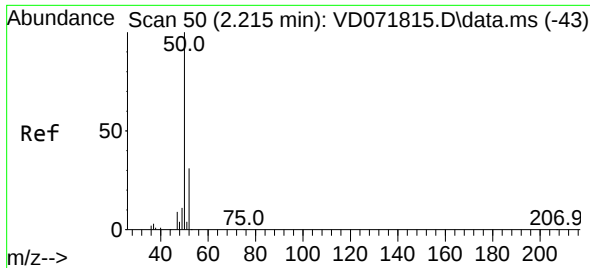
Tgt Ion:168 Resp: 380844  
Ion Ratio Lower Upper  
168 100  
99 63.0 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 46.307 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 85 Resp: 209134  
Ion Ratio Lower Upper  
85 100  
87 32.3 15.7 47.0

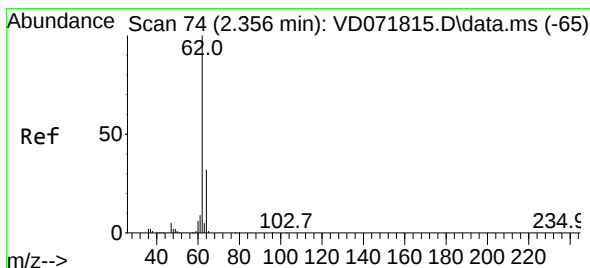
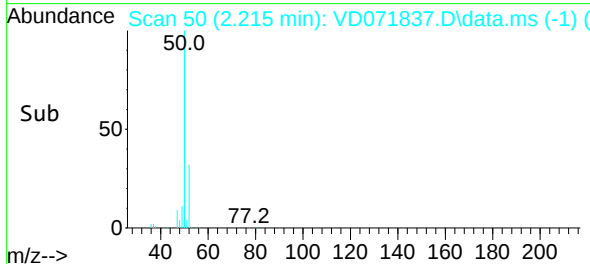
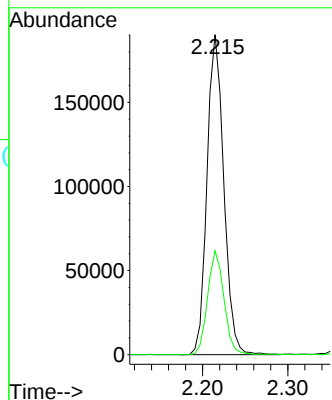
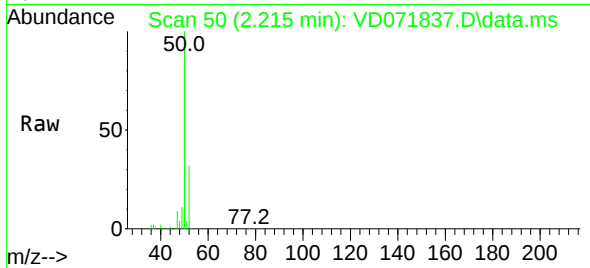




#3  
Chloromethane  
Concen: 48.236 ug/l  
RT: 2.215 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

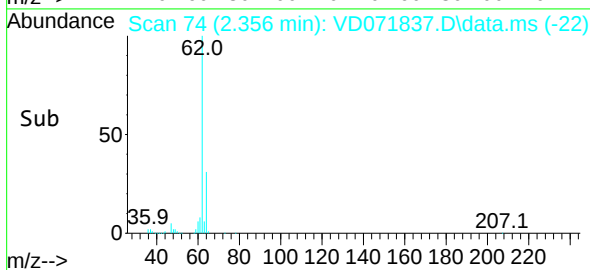
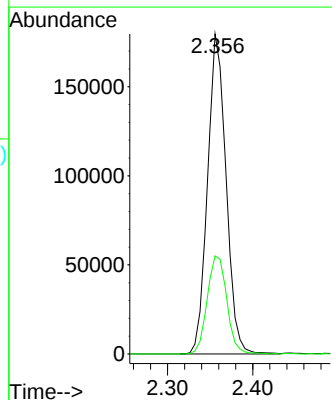
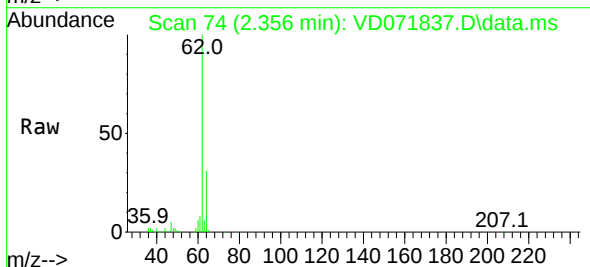
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

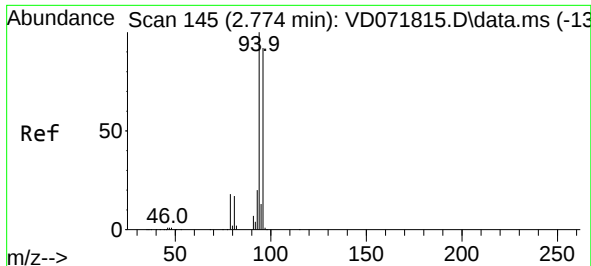
Tgt Ion: 50 Resp: 260814  
Ion Ratio Lower Upper  
50 100  
52 32.5 27.4 41.0



#4  
Vinyl Chloride  
Concen: 47.944 ug/l  
RT: 2.356 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 62 Resp: 271402  
Ion Ratio Lower Upper  
62 100  
64 30.7 25.4 38.0

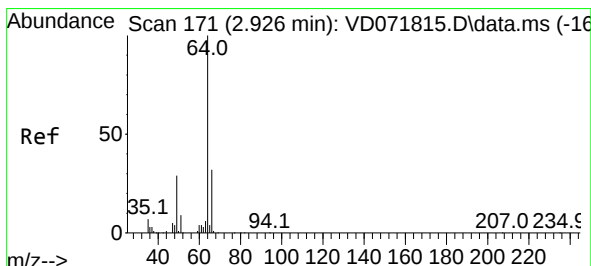
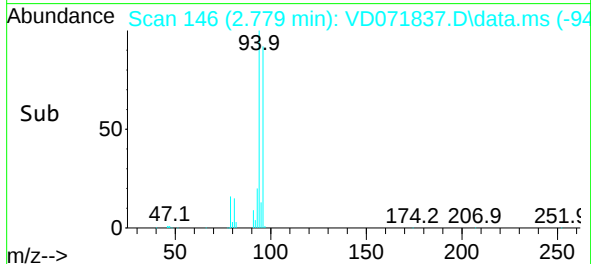
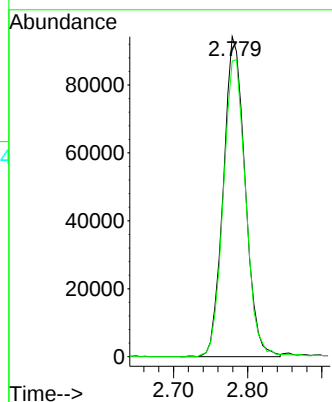
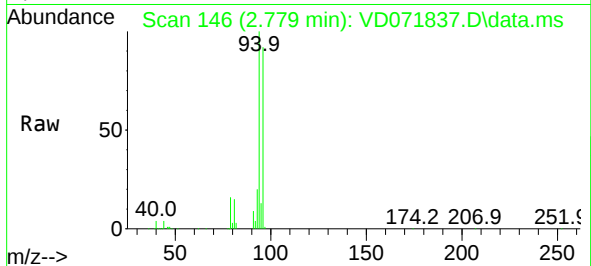




#5  
Bromomethane  
Concen: 51.499 ug/l  
RT: 2.779 min Scan# 145  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

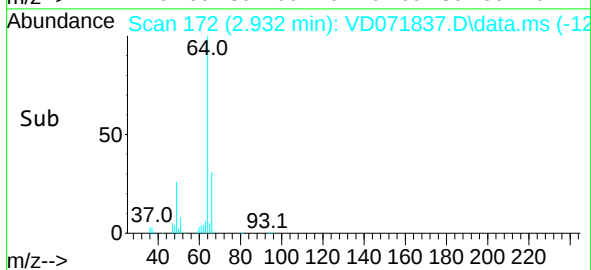
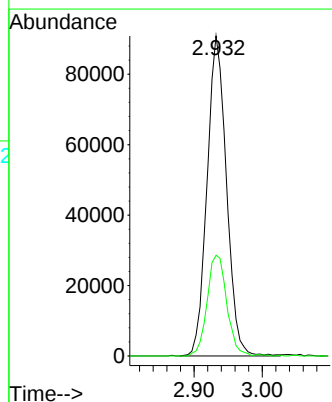
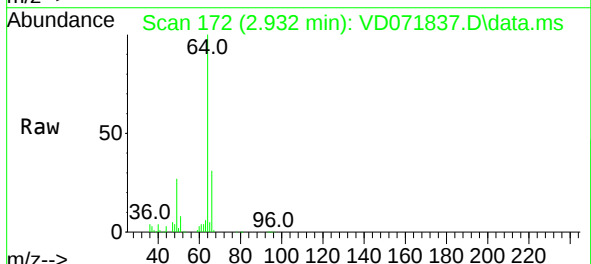
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

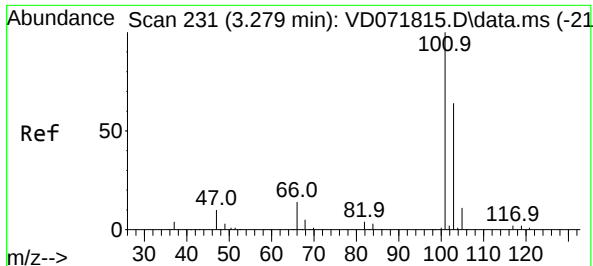
Tgt Ion: 94 Resp: 192351  
Ion Ratio Lower Upper  
94 100  
96 92.4 77.6 116.4



#6  
Chloroethane  
Concen: 50.197 ug/l  
RT: 2.932 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 64 Resp: 180078  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.9 38.9

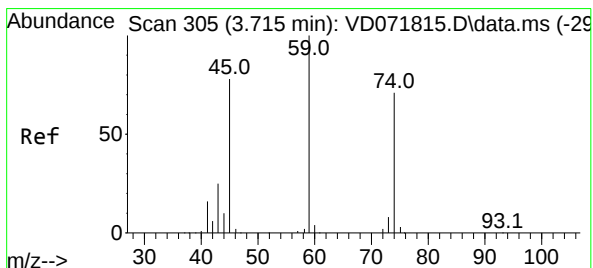
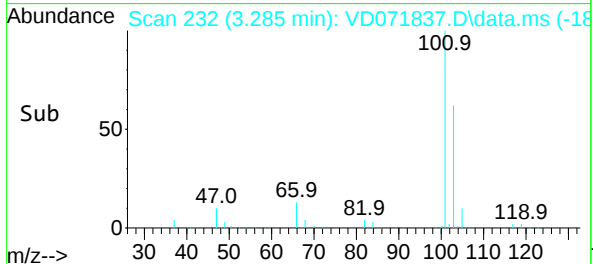
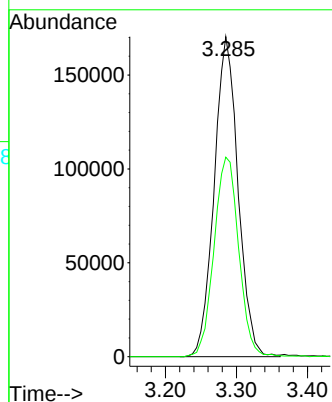
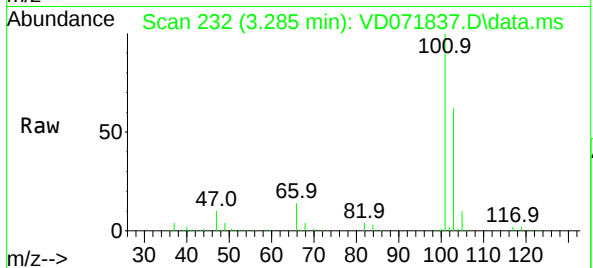




#7  
Trichlorofluoromethane  
Concen: 48.984 ug/l  
RT: 3.285 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

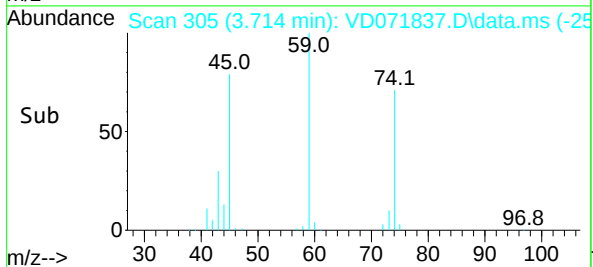
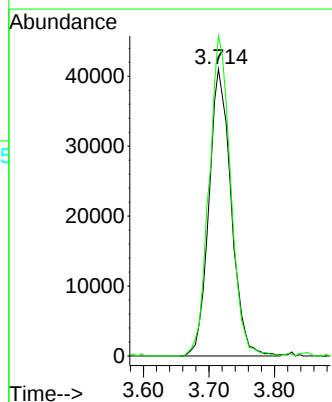
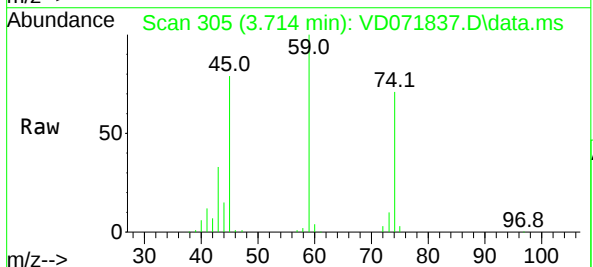
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

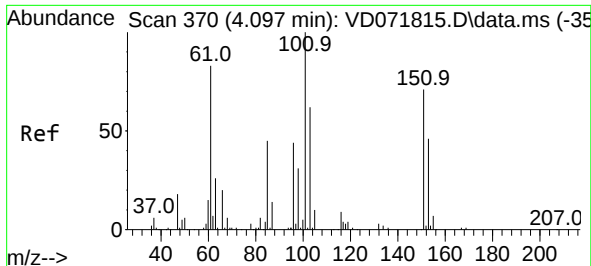
Tgt Ion:101 Resp: 397388  
Ion Ratio Lower Upper  
101 100  
103 62.3 50.1 75.1



#8  
Diethyl Ether  
Concen: 45.087 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 74 Resp: 96513  
Ion Ratio Lower Upper  
74 100  
45 109.1 52.6 157.8

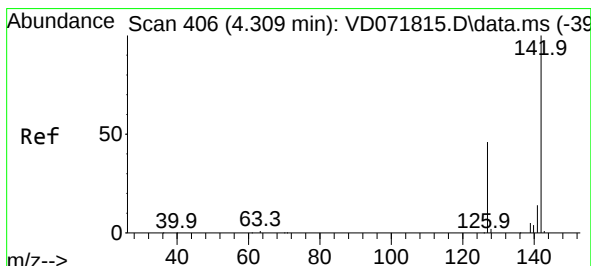
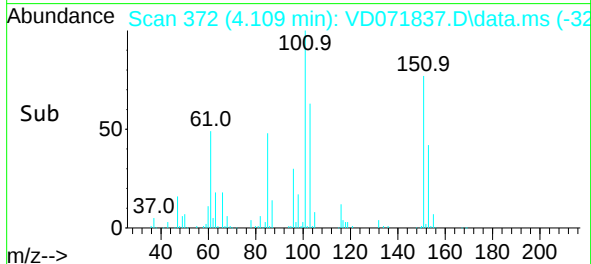
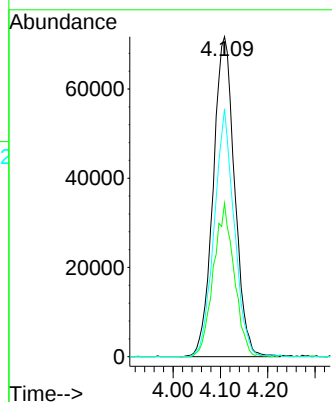
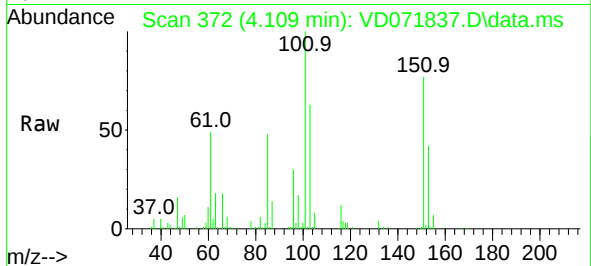




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.474 ug/l  
RT: 4.109 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

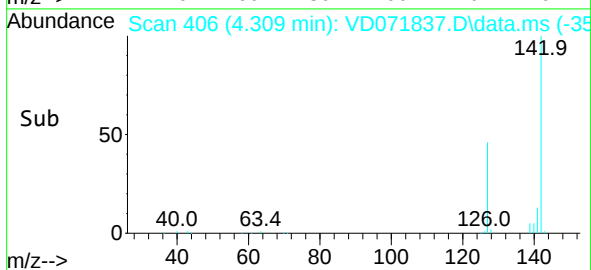
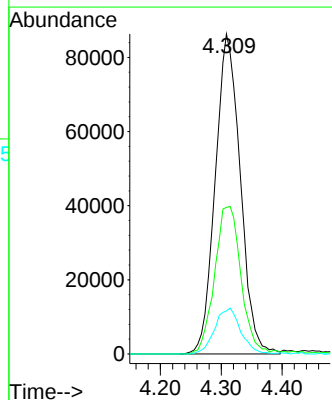
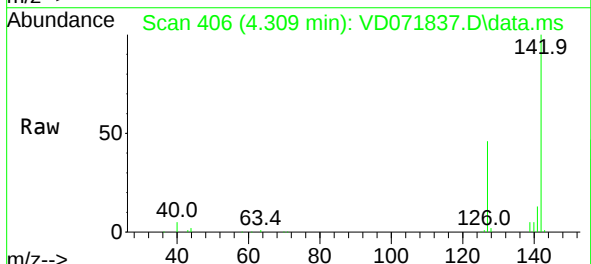
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

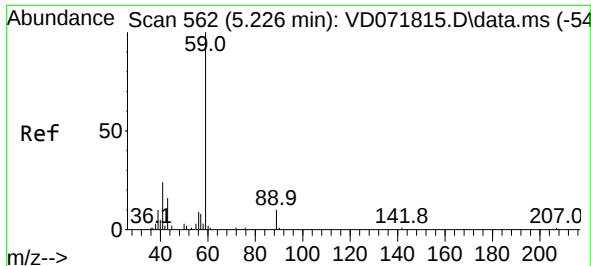
Tgt Ion:101 Resp: 226434  
Ion Ratio Lower Upper  
101 100  
85 46.1 36.4 54.6  
151 72.0 57.3 85.9



#10  
Methyl Iodide  
Concen: 52.474 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:142 Resp: 246210  
Ion Ratio Lower Upper  
142 100  
127 48.9 37.3 55.9  
141 14.8 11.7 17.5

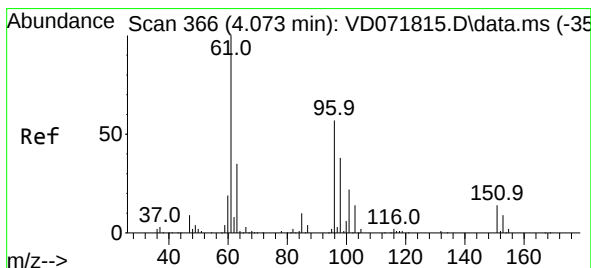
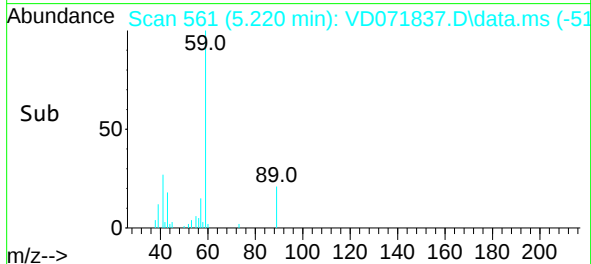
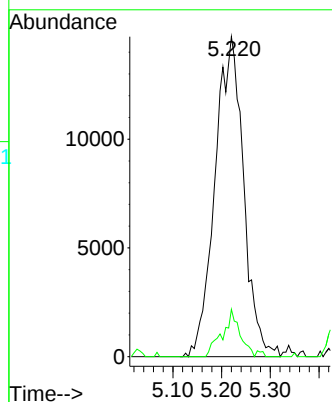
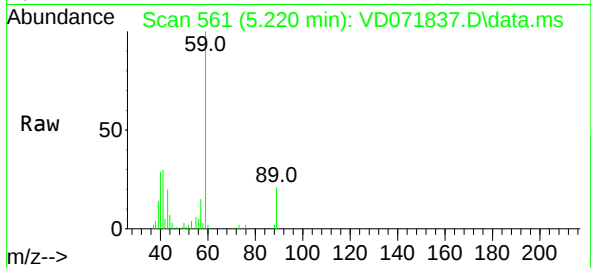




#11  
Tert butyl alcohol  
Concen: 200.505 ug/l  
RT: 5.220 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

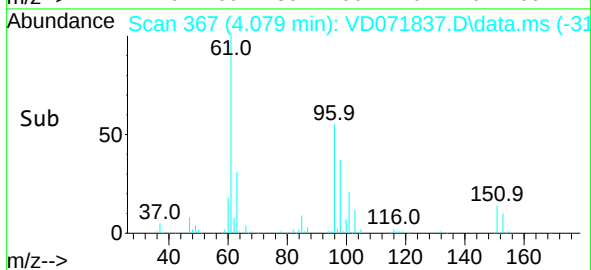
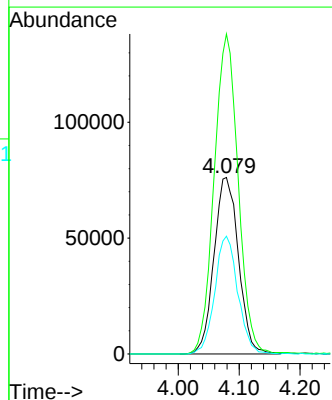
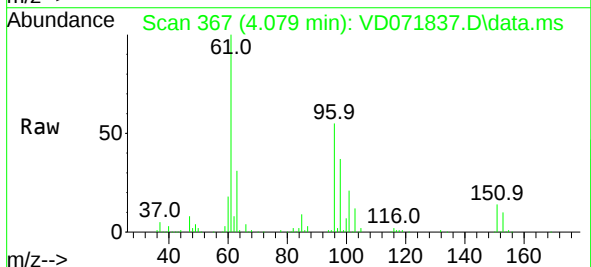
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

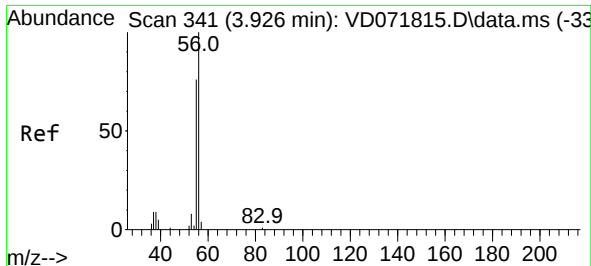
Tgt Ion: 59 Resp: 59857  
Ion Ratio Lower Upper  
59 100  
57 9.0 7.8 11.6



#12  
1,1-Dichloroethene  
Concen: 50.806 ug/l  
RT: 4.079 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 96 Resp: 212574  
Ion Ratio Lower Upper  
96 100  
61 181.2 138.5 207.7  
98 66.7 48.6 73.0

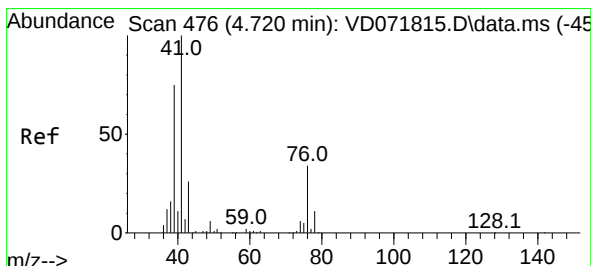
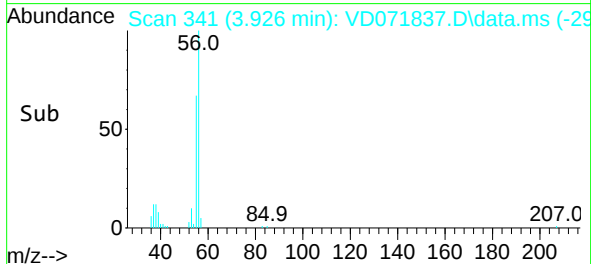
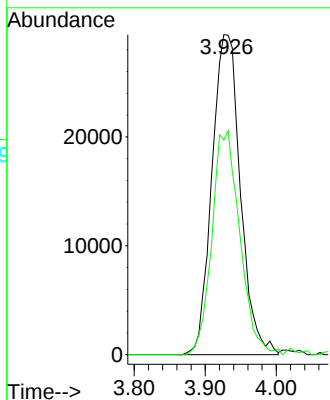
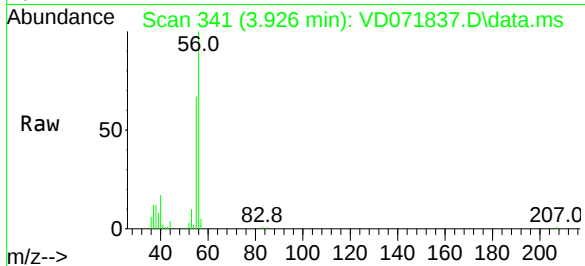




#13  
Acrolein  
Concen: 190.899 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

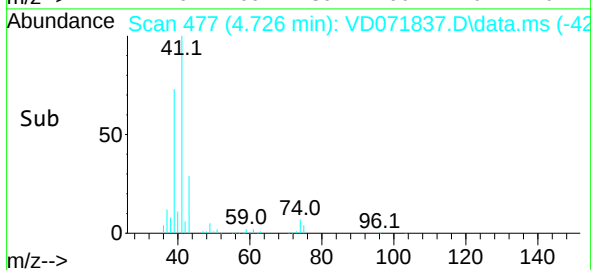
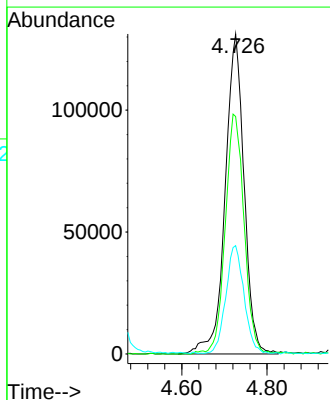
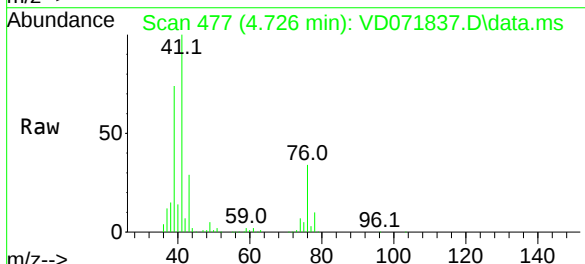
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

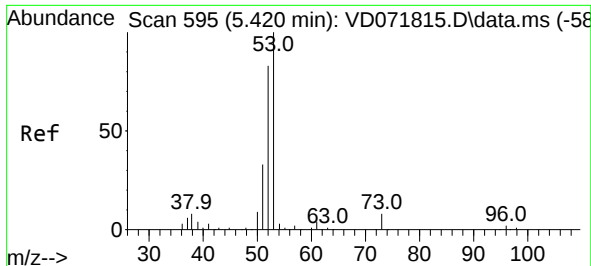
Tgt Ion: 56 Resp: 81619  
Ion Ratio Lower Upper  
56 100  
55 68.8 57.1 85.7



#14  
Allyl chloride  
Concen: 50.763 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 41 Resp: 404857  
Ion Ratio Lower Upper  
41 100  
39 74.8 59.3 88.9  
76 32.3 25.7 38.5

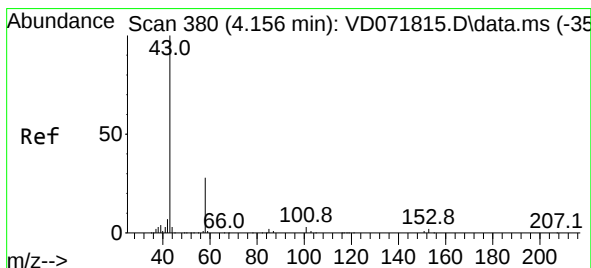
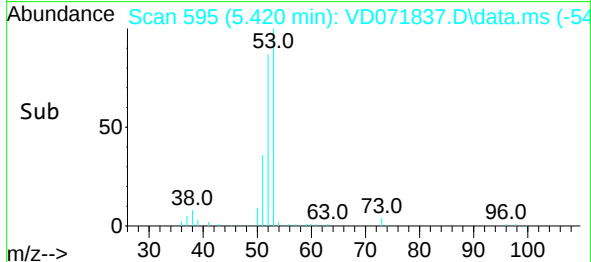
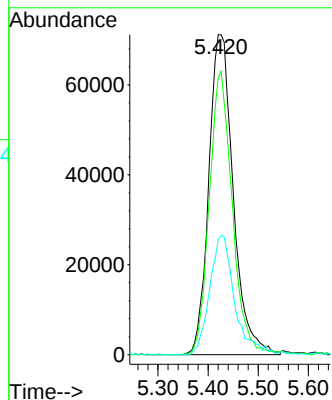
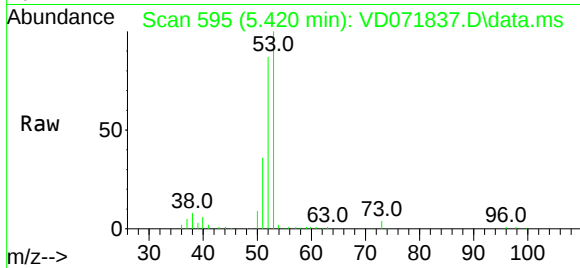




#15  
Acrylonitrile  
Concen: 222.070 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

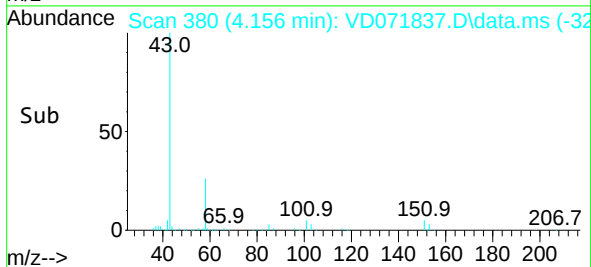
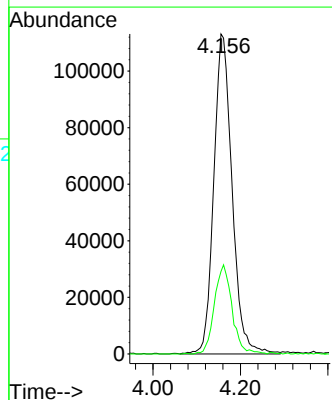
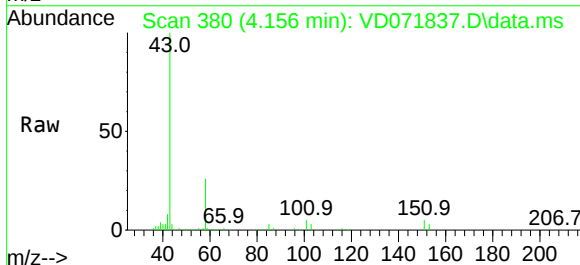
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

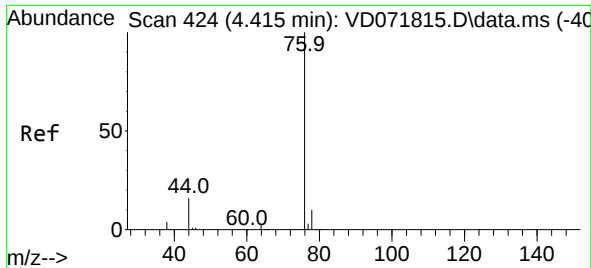
Tgt Ion: 53 Resp: 241596  
Ion Ratio Lower Upper  
53 100  
52 83.5 67.2 100.8  
51 37.8 30.3 45.5



#16  
Acetone  
Concen: 248.692 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 43 Resp: 327701  
Ion Ratio Lower Upper  
43 100  
58 25.8 22.1 33.1

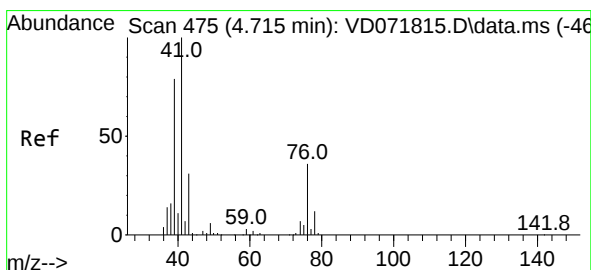
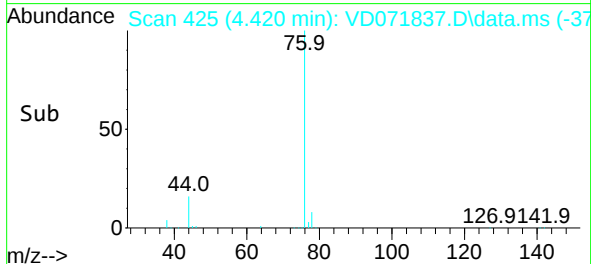
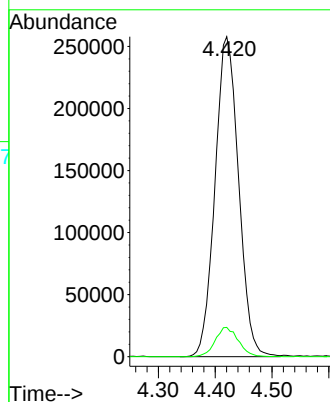
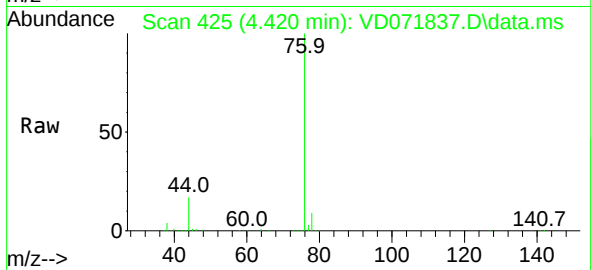




#17  
Carbon Disulfide  
Concen: 50.975 ug/l  
RT: 4.420 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

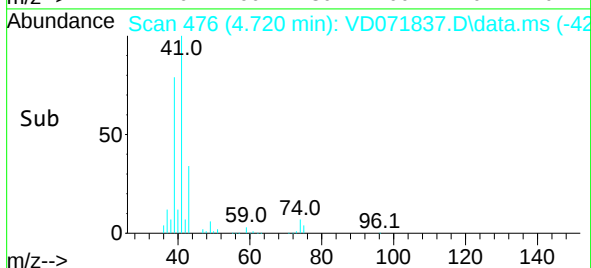
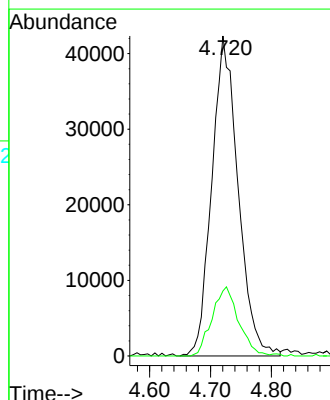
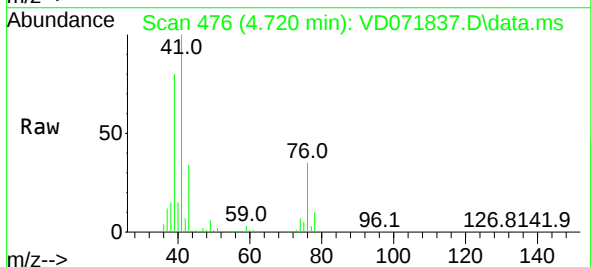
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

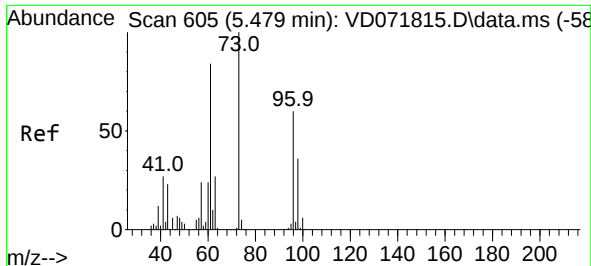
Tgt Ion: 76 Resp: 743692  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 44.559 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 43 Resp: 126948  
Ion Ratio Lower Upper  
43 100  
74 21.8 16.7 25.1

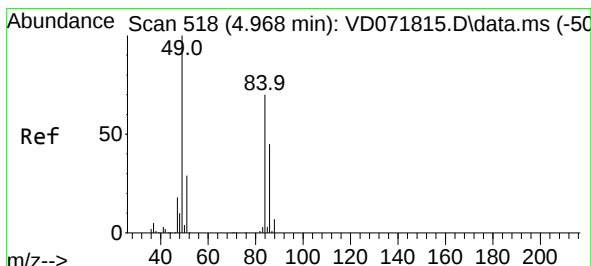
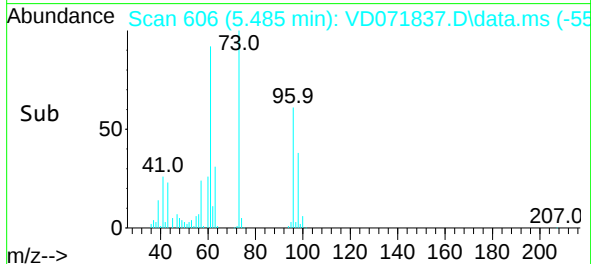
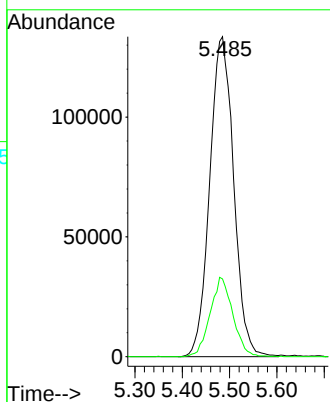
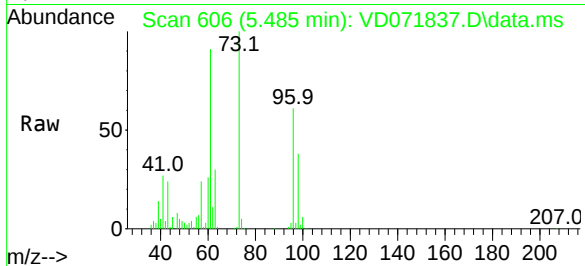




#19  
Methyl tert-butyl Ether  
Concen: 46.835 ug/l  
RT: 5.485 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

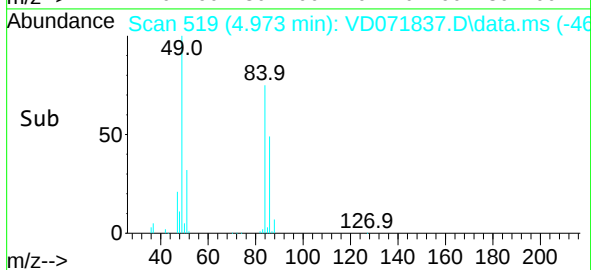
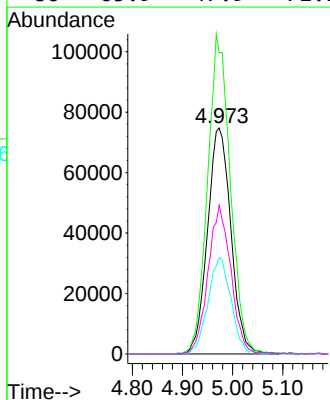
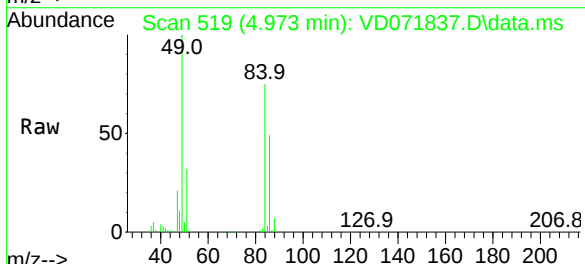
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

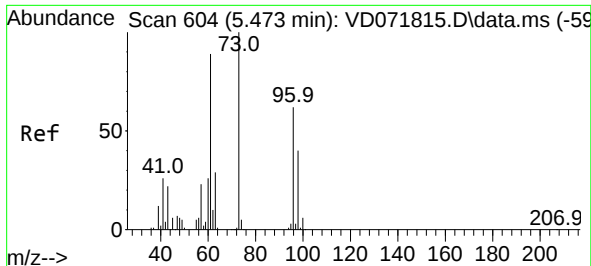
Tgt Ion: 73 Resp: 468792  
Ion Ratio Lower Upper  
73 100  
57 24.3 18.0 27.0



#20  
Methylene Chloride  
Concen: 50.562 ug/l  
RT: 4.973 min Scan# 519  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 84 Resp: 242985  
Ion Ratio Lower Upper  
84 100  
49 132.9 112.8 169.2  
51 42.7 32.6 48.8  
86 65.9 47.9 71.9

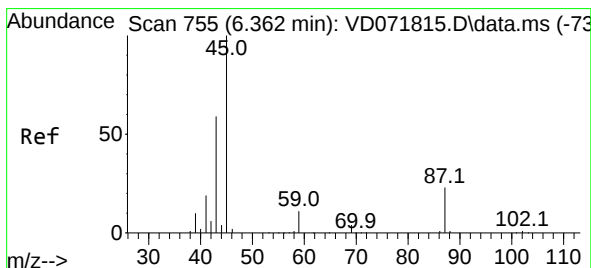
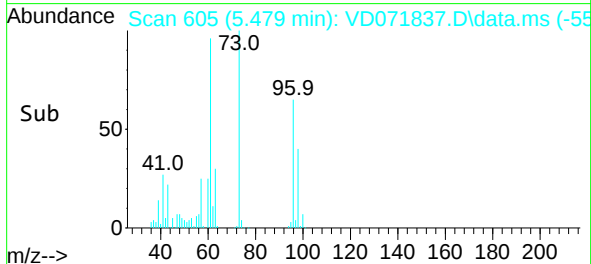
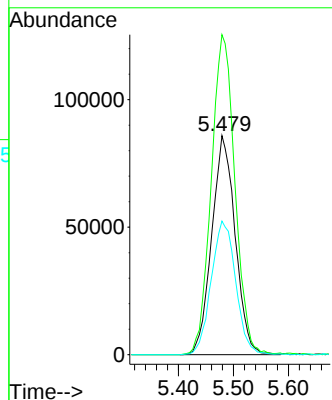
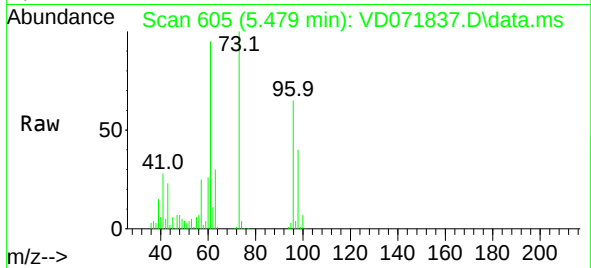




#21  
trans-1,2-Dichloroethene  
Concen: 52.275 ug/l  
RT: 5.479 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

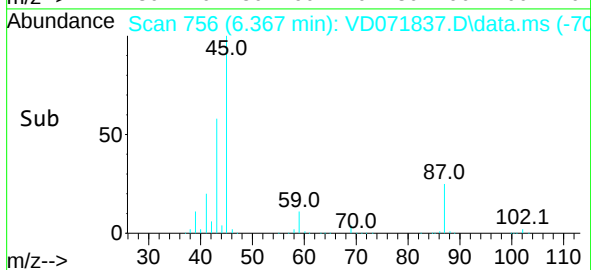
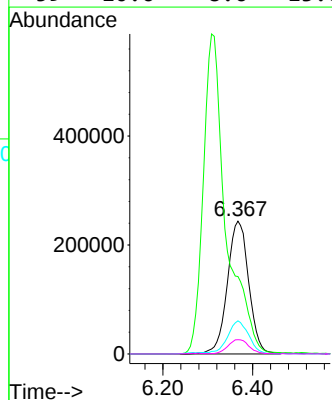
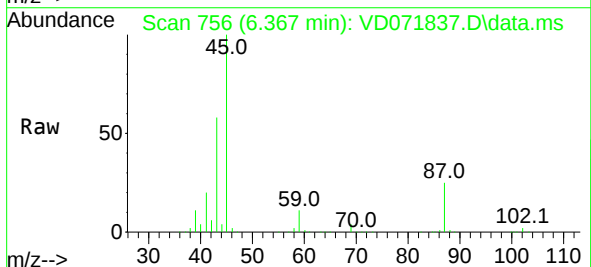
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

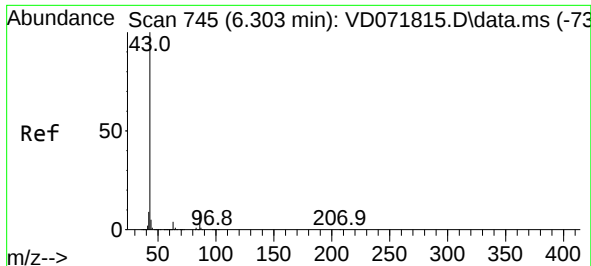
Tgt Ion: 96 Resp: 254629  
Ion Ratio Lower Upper  
96 100  
61 146.1 117.9 176.9  
98 61.0 49.4 74.2



#22  
Diisopropyl ether  
Concen: 51.671 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 45 Resp: 807705  
Ion Ratio Lower Upper  
45 100  
43 58.1 46.6 70.0  
87 24.8 18.4 27.6  
59 10.6 8.6 13.0

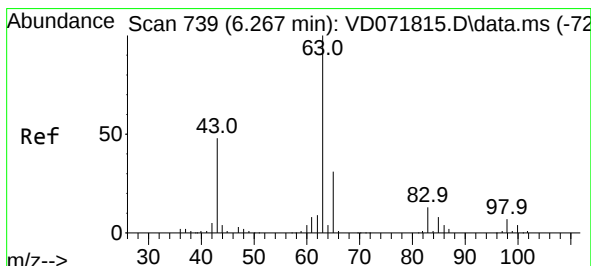
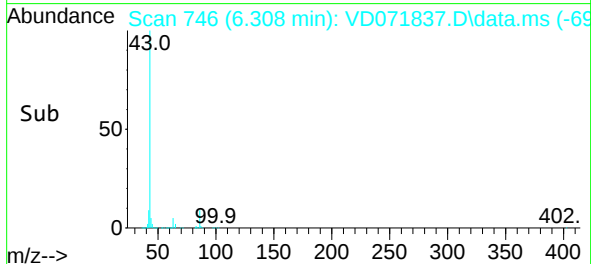
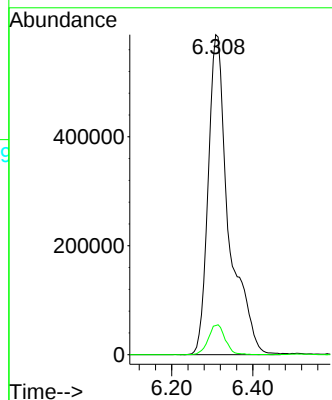
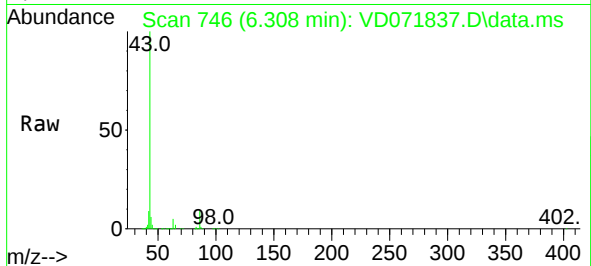




#23  
 Vinyl Acetate  
 Concen: 239.691 ug/l  
 RT: 6.308 min Scan# 74  
 Delta R.T. -0.000 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

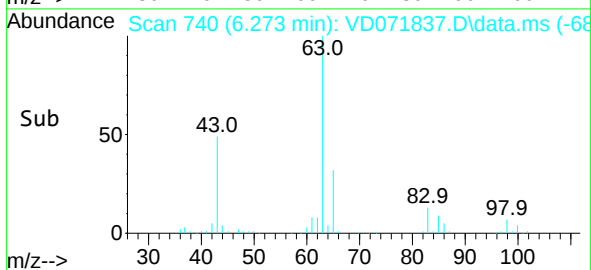
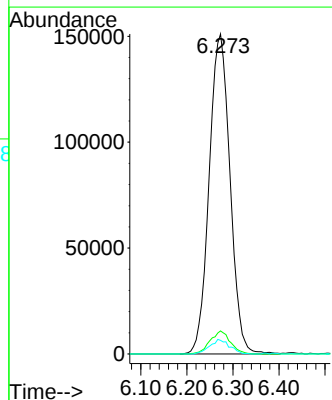
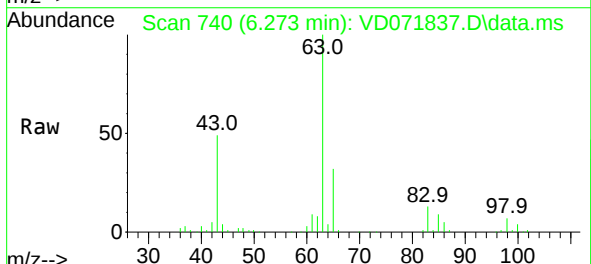
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

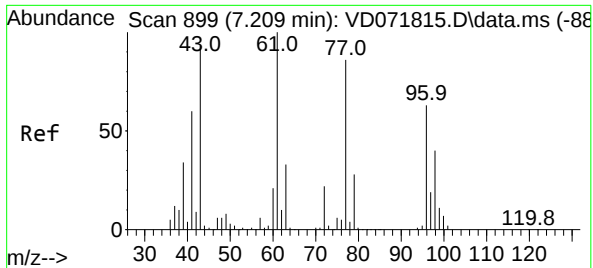
Tgt Ion: 43 Resp: 2066927  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 52.197 ug/l  
 RT: 6.273 min Scan# 740  
 Delta R.T. 0.006 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

Tgt Ion: 63 Resp: 475571  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.9  
 100 4.3 2.1 6.5

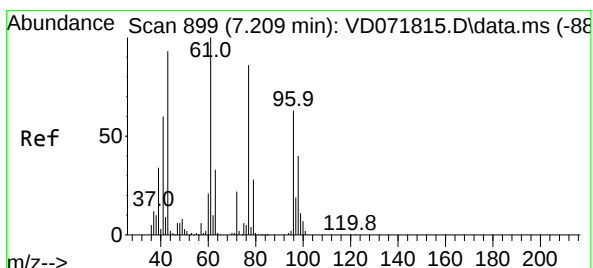
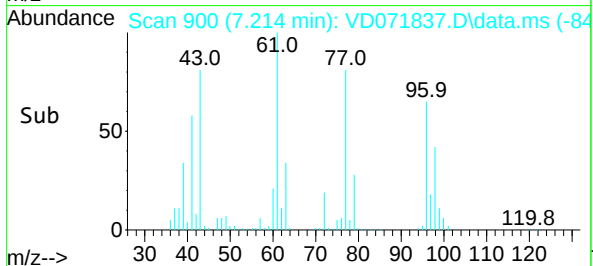
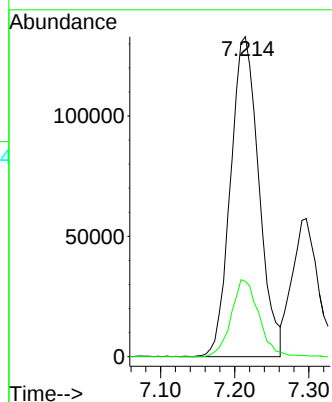
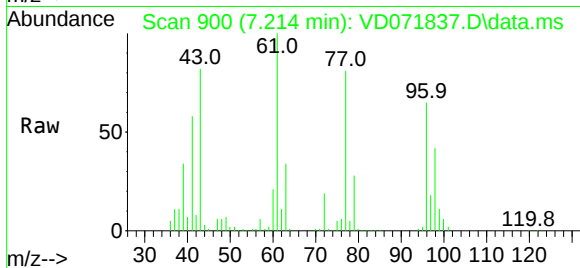




#25  
2-Butanone  
Concen: 230.424 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

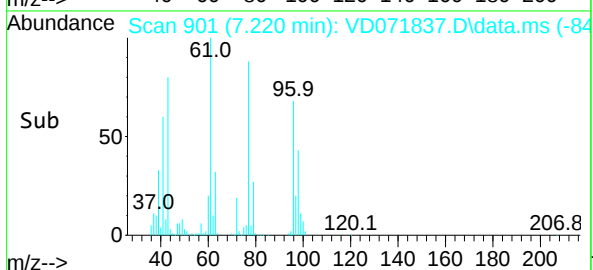
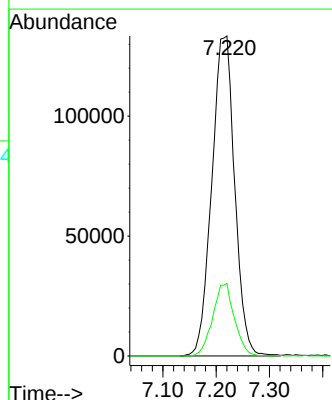
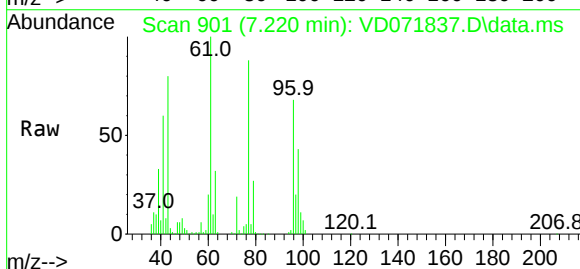
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

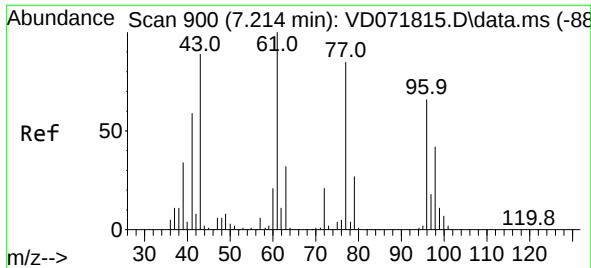
Tgt Ion: 43 Resp: 353963  
Ion Ratio Lower Upper  
43 100  
72 23.6 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 52.758 ug/l  
RT: 7.220 min Scan# 901  
Delta R.T. 0.012 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 77 Resp: 397779  
Ion Ratio Lower Upper  
77 100  
97 21.4 10.8 32.4

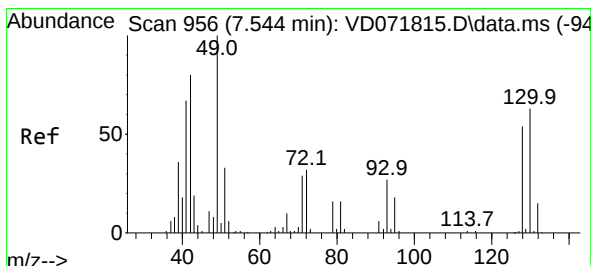
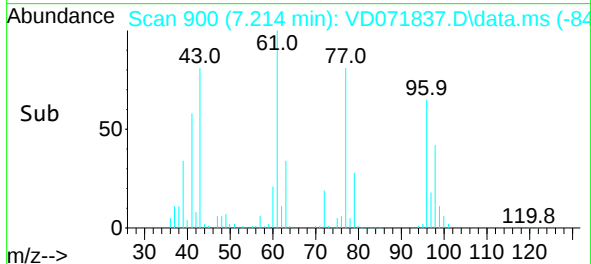
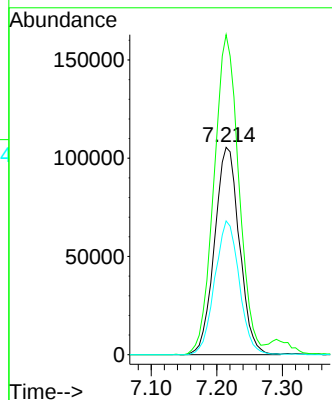
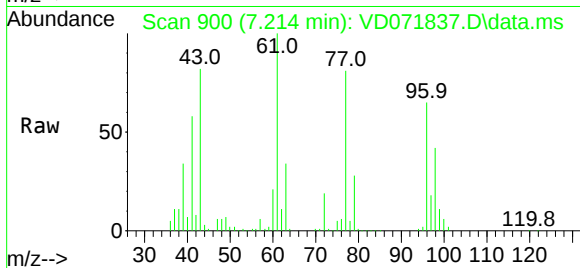




#27  
 cis-1,2-Dichloroethene  
 Concen: 53.072 ug/l  
 RT: 7.214 min Scan# 900  
 Delta R.T. -0.000 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

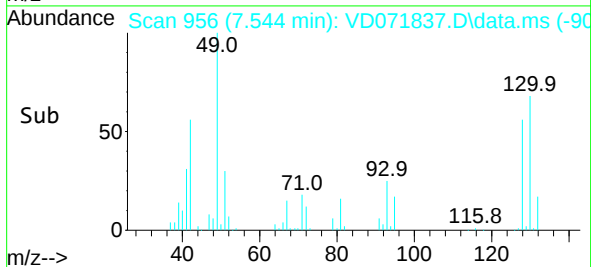
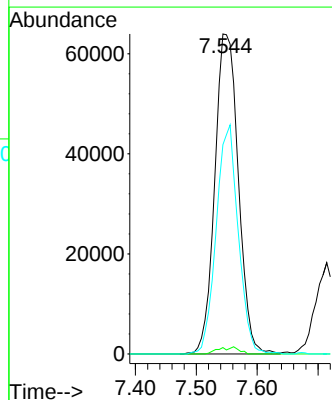
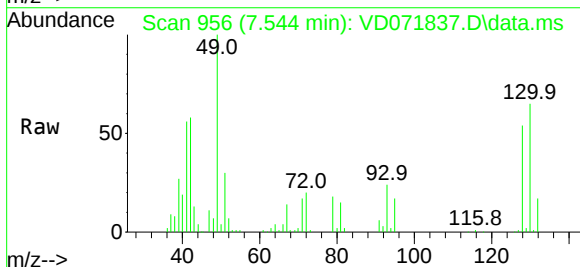
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

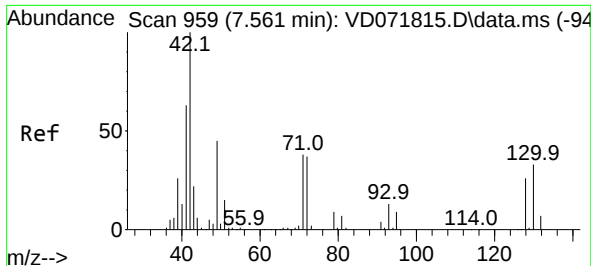
Tgt Ion: 96 Resp: 277650  
 Ion Ratio Lower Upper  
 96 100  
 61 155.0 0.0 313.8  
 98 63.7 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 50.024 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. -0.006 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

Tgt Ion: 49 Resp: 171908  
 Ion Ratio Lower Upper  
 49 100  
 129 0.9 0.0 4.0  
 130 0.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 216.114 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

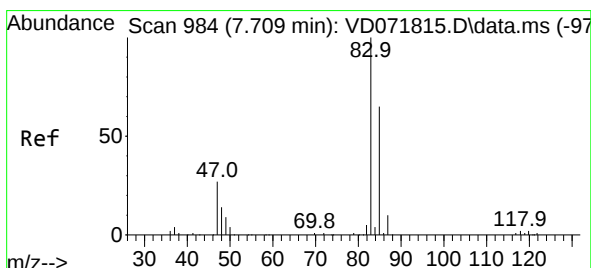
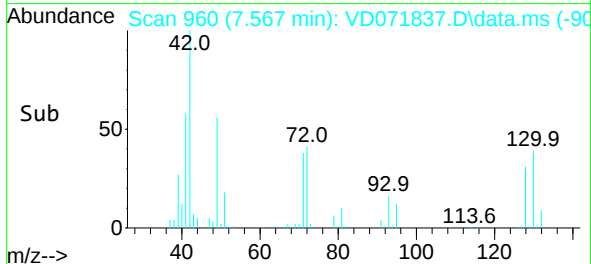
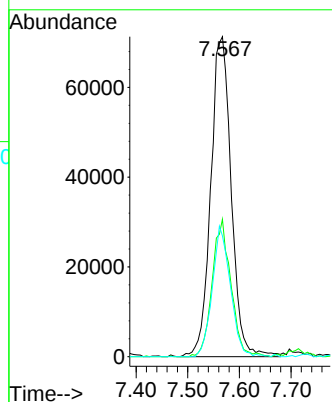
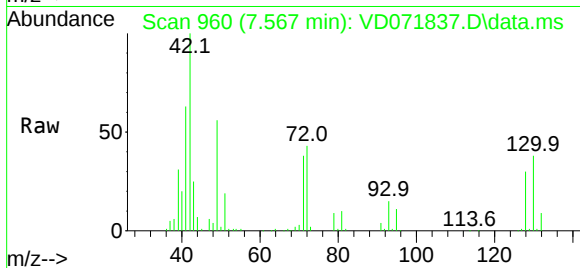
Tgt Ion: 42 Resp: 196429

Ion Ratio Lower Upper

42 100

72 39.2 30.7 46.1

71 36.1 28.6 43.0



#30

Chloroform

Concen: 51.777 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.006 min

Lab File: VD071837.D

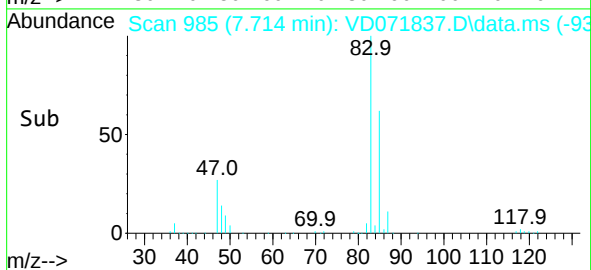
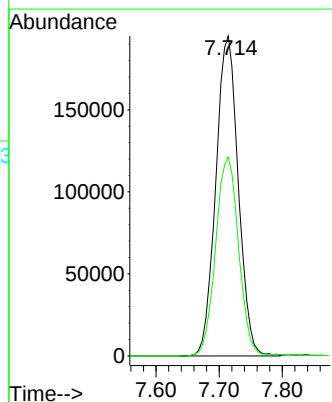
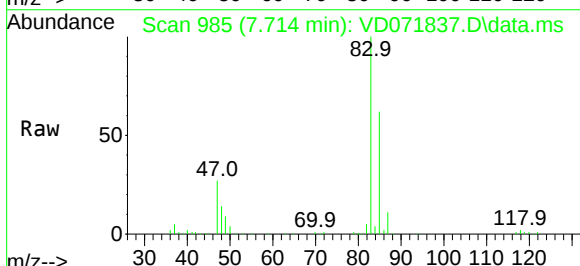
Acq: 31 Jan 2022 10:31

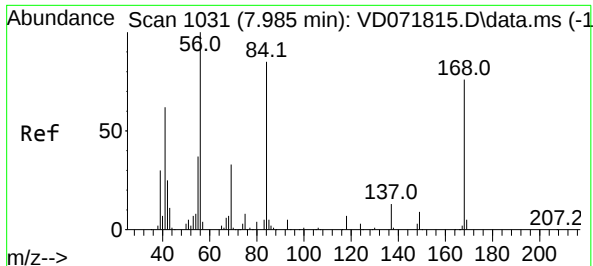
Tgt Ion: 83 Resp: 481949

Ion Ratio Lower Upper

83 100

85 62.2 52.7 79.1





#31

Cyclohexane

Concen: 48.636 ug/l

RT: 7.991 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

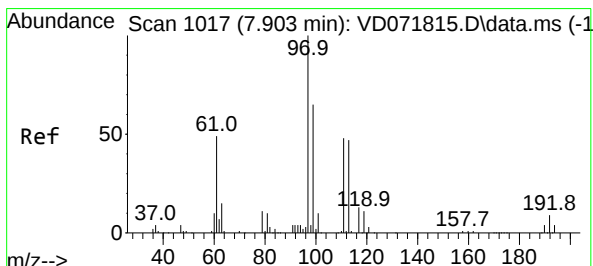
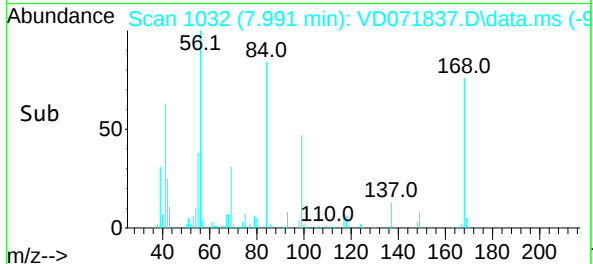
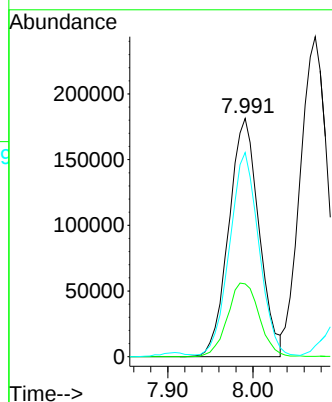
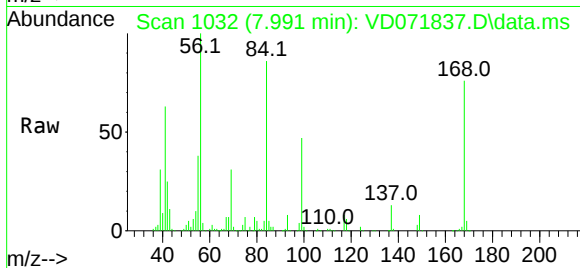
Tgt Ion: 56 Resp: 446953

Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.2

84 84.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 51.262 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

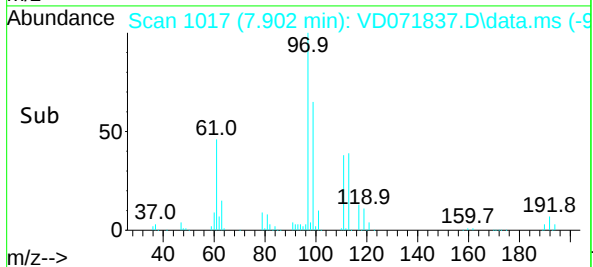
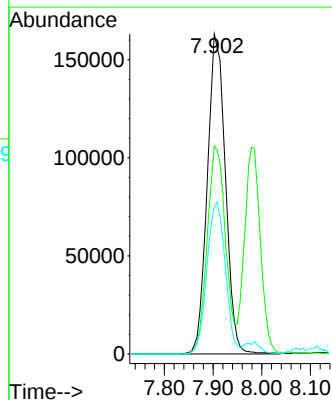
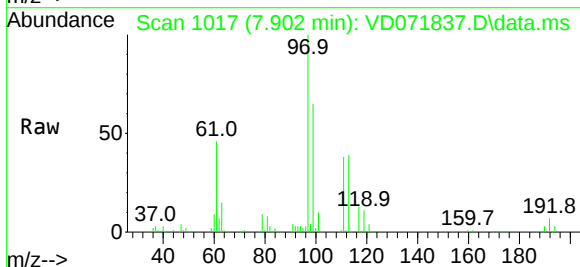
Tgt Ion: 97 Resp: 420867

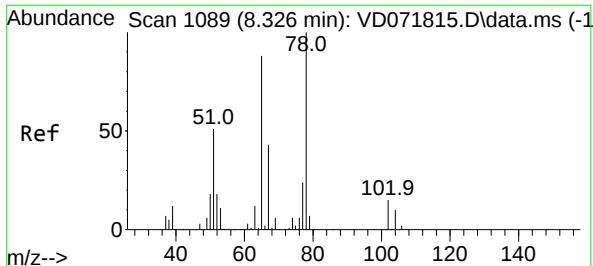
Ion Ratio Lower Upper

97 100

99 66.5 52.4 78.6

61 48.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.527 ug/l

RT: 8.332 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

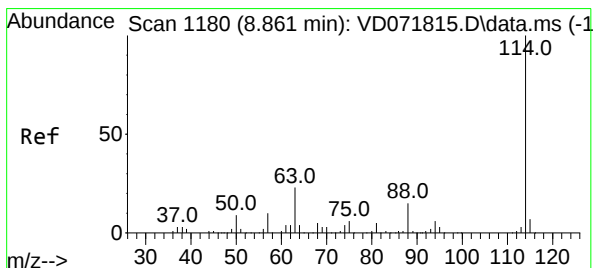
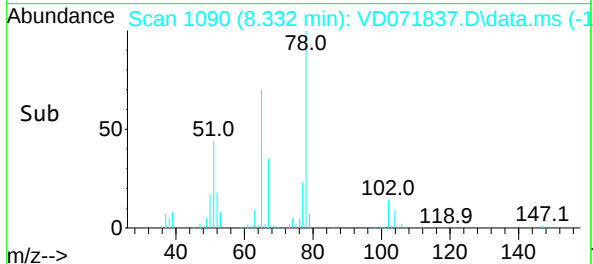
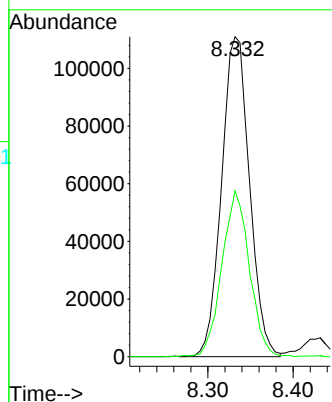
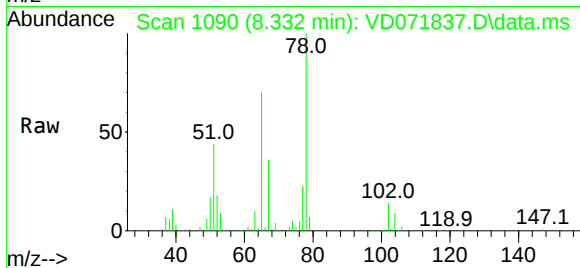
VSTDCCC050

Tgt Ion: 65 Resp: 252848

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

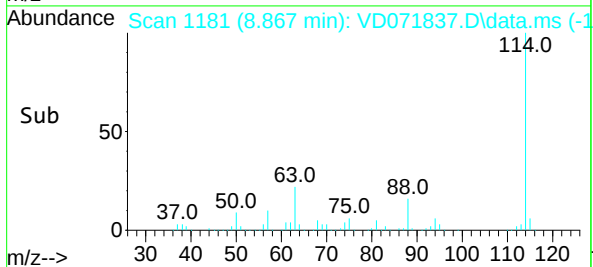
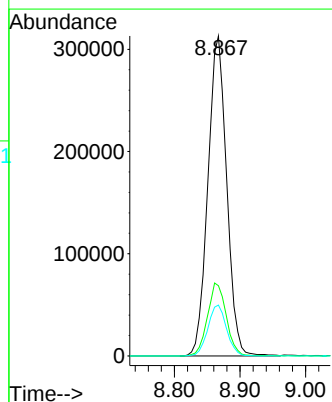
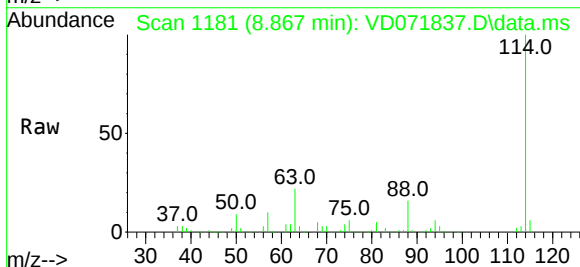
Tgt Ion: 114 Resp: 623613

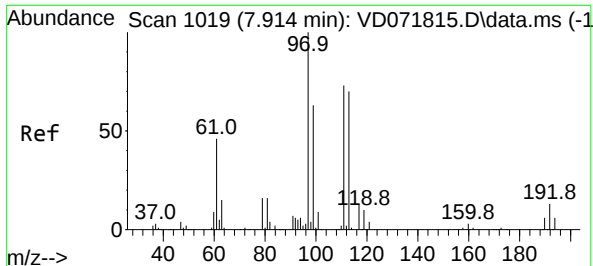
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.551 ug/l

RT: 7.920 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

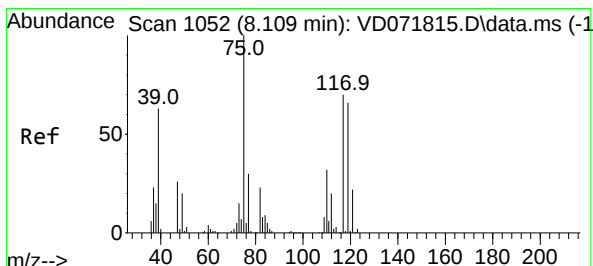
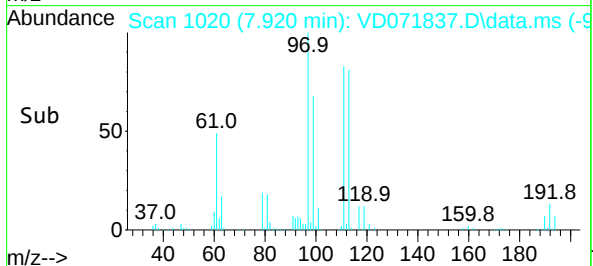
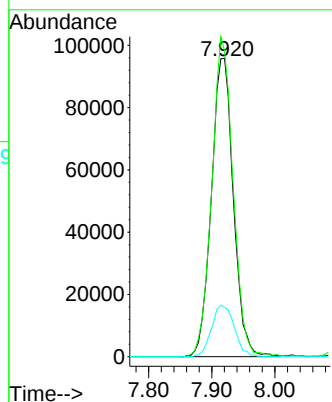
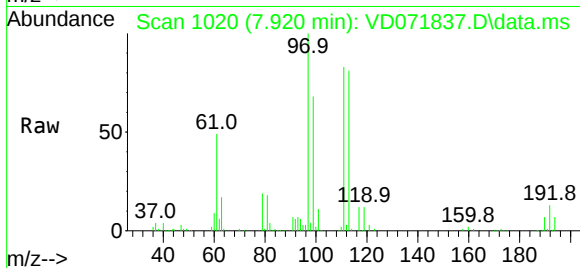
Tgt Ion:113 Resp: 231812

Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 54.181 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

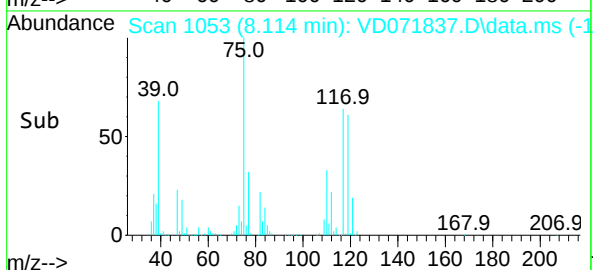
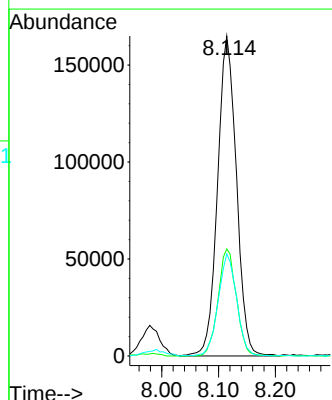
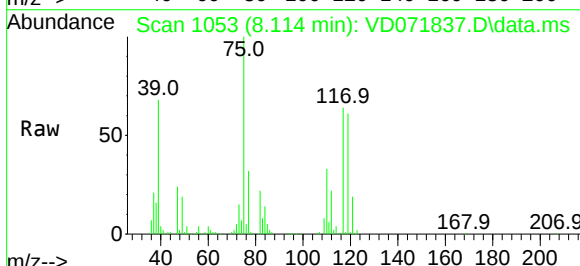
Tgt Ion: 75 Resp: 381196

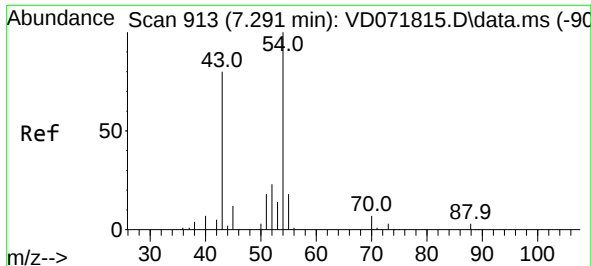
Ion Ratio Lower Upper

75 100

110 32.4 16.4 49.1

77 31.4 24.2 36.2





#37

Ethyl Acetate

Concen: 43.706 ug/l

RT: 7.297 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

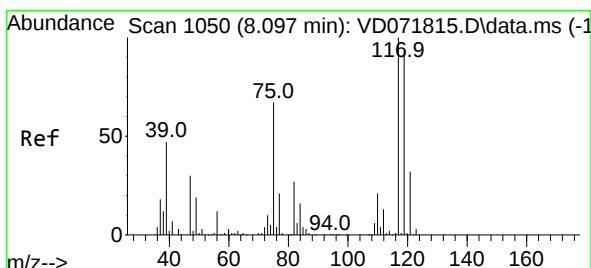
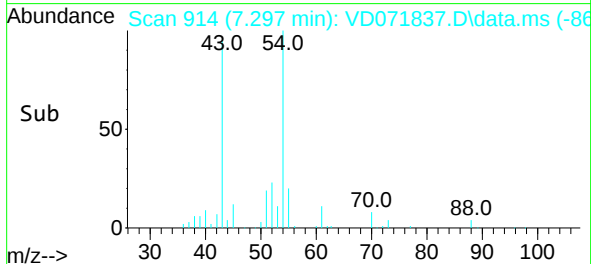
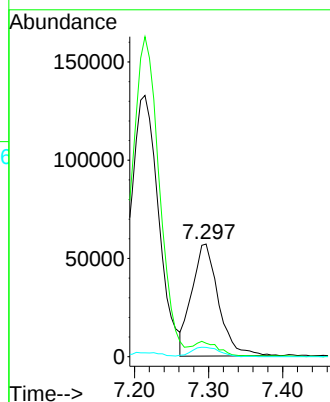
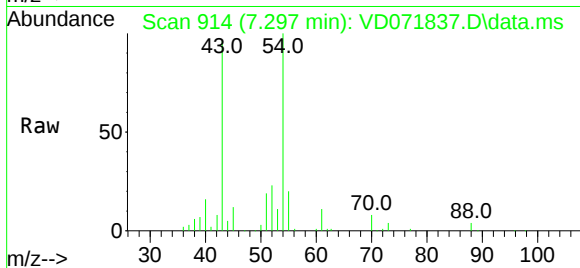
Tgt Ion: 43 Resp: 142965

Ion Ratio Lower Upper

43 100

61 12.3 9.8 14.8

70 8.9 6.9 10.3



#38

Carbon Tetrachloride

Concen: 53.517 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

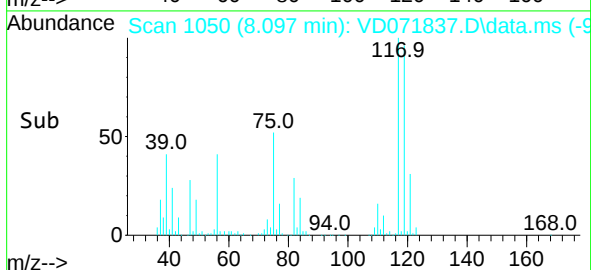
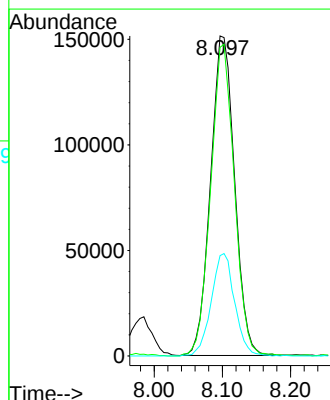
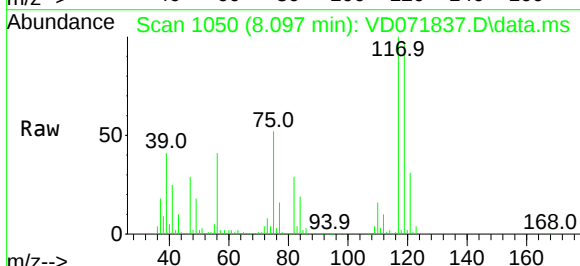
Tgt Ion: 117 Resp: 372355

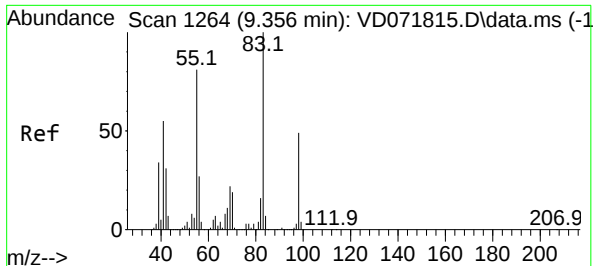
Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.6

121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 53.216 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

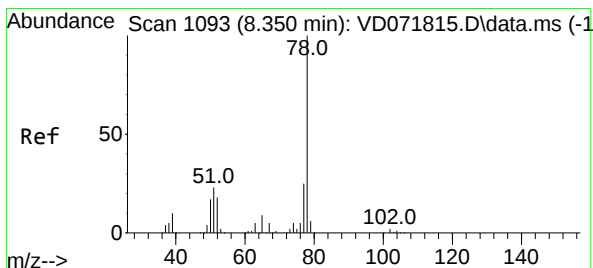
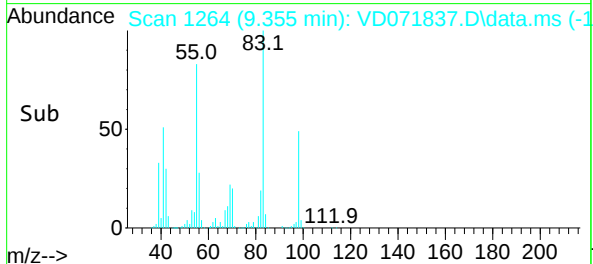
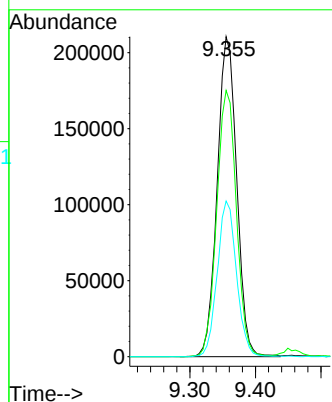
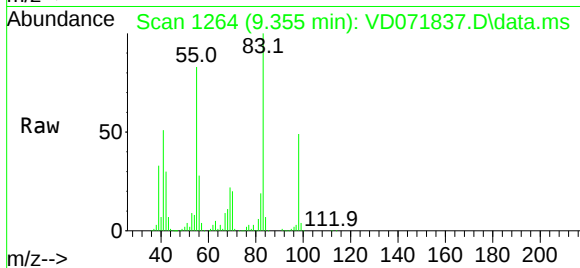
Tgt Ion: 83 Resp: 433830

Ion Ratio Lower Upper

83 100

55 83.2 63.2 94.8

98 48.7 38.2 57.4



#40

Benzene

Concen: 53.780 ug/l

RT: 8.355 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VD071837.D

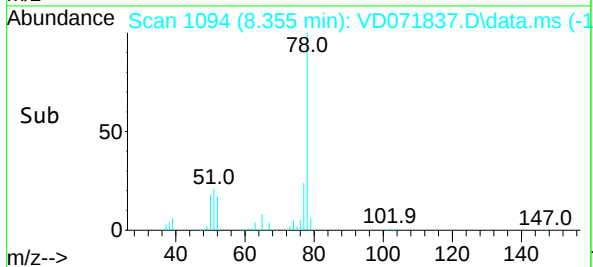
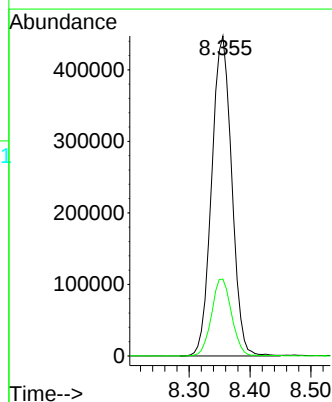
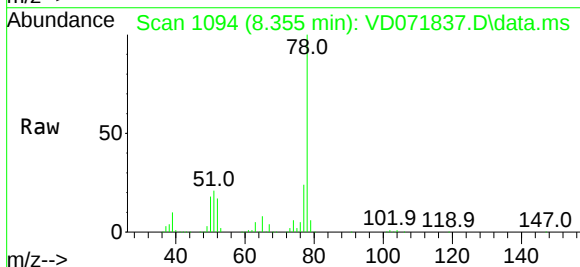
Acq: 31 Jan 2022 10:31

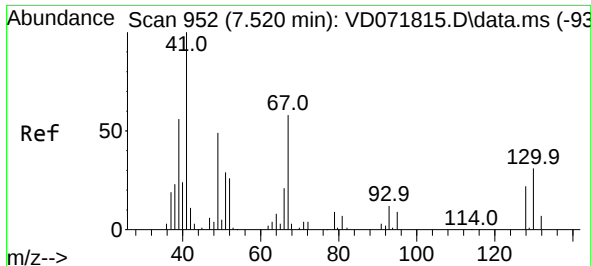
Tgt Ion: 78 Resp: 1021369

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

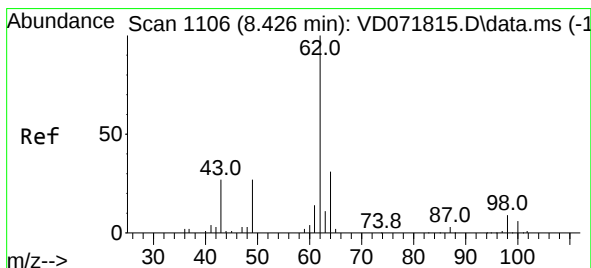
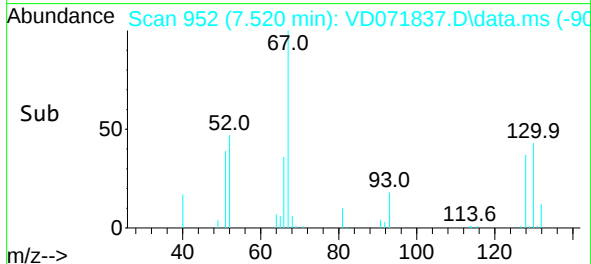
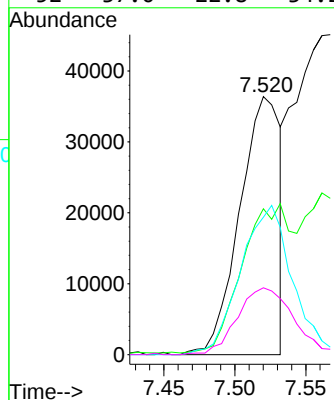
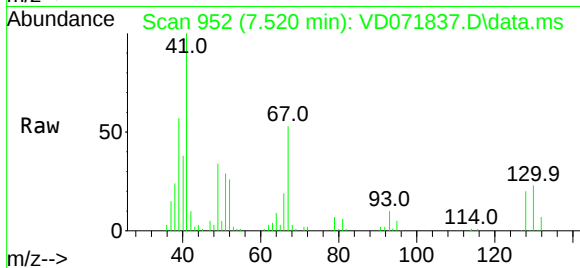




#41  
Methacrylonitrile  
Concen: 39.197 ug/l  
RT: 7.520 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

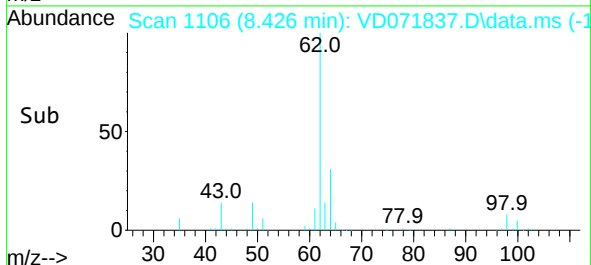
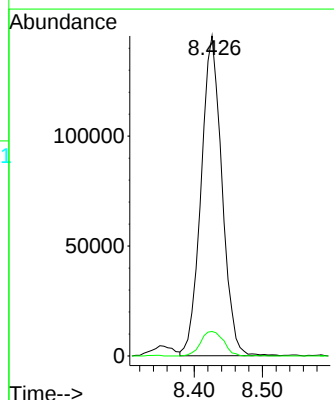
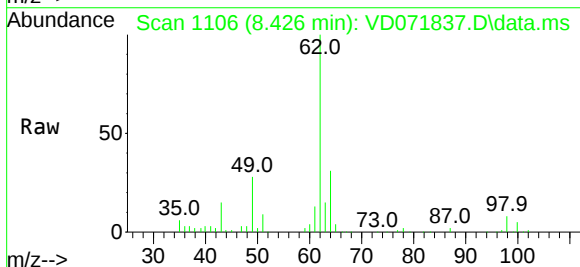
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

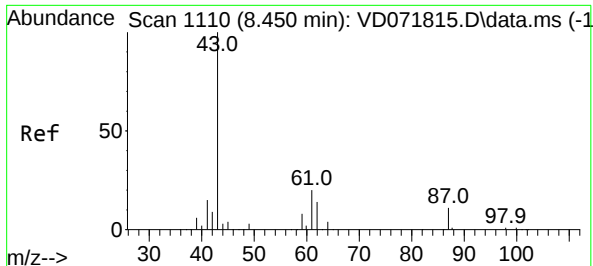
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 72536 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 73.3  | 44.6  | 67.0# |
| 67       | 74.5  | 48.2  | 72.4# |
| 52       | 37.0  | 22.8  | 34.2# |



#42  
1,2-Dichloroethane  
Concen: 51.628 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 309613 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.5   | 0.0   | 17.6   |

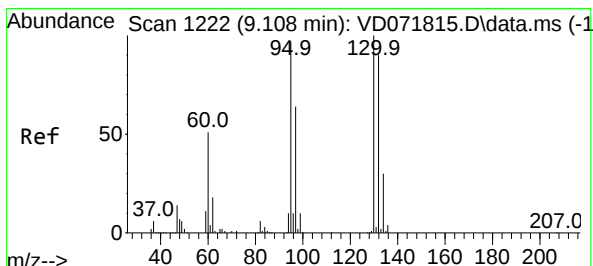
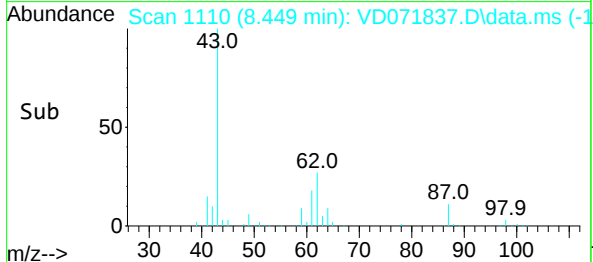
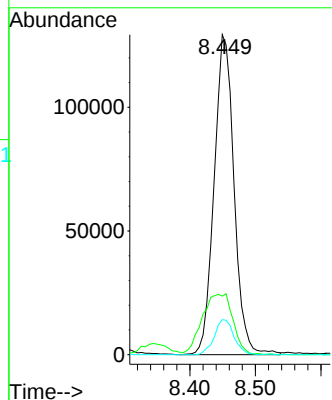
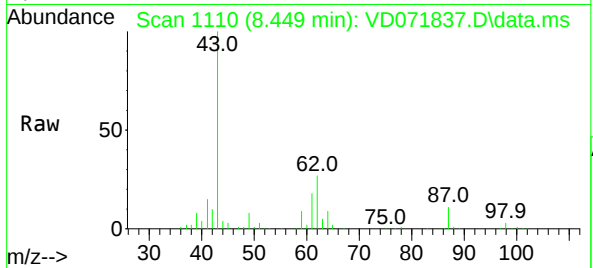




#43  
Isopropyl Acetate  
Concen: 46.349 ug/l  
RT: 8.449 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

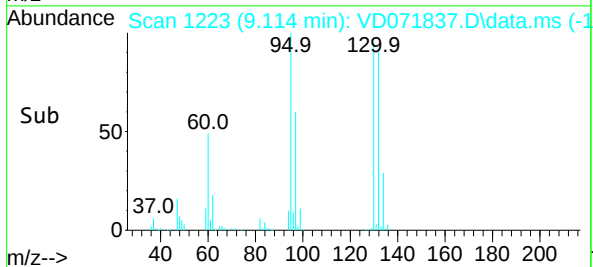
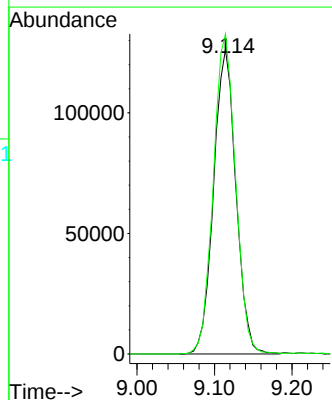
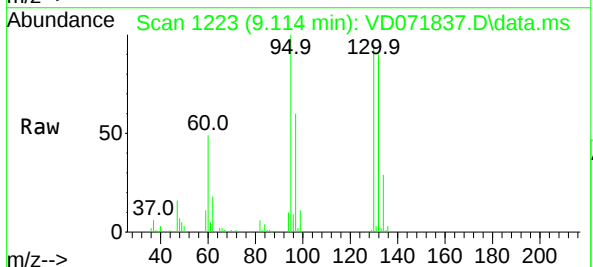
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

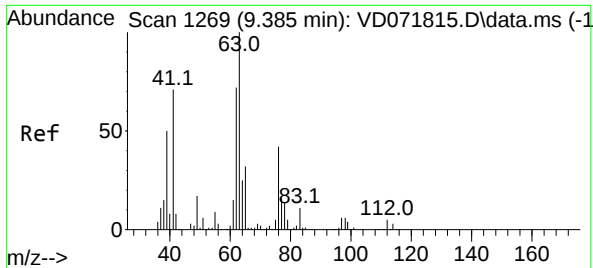
Tgt Ion: 43 Resp: 272494  
Ion Ratio Lower Upper  
43 100  
61 29.2 22.4 33.6  
87 10.8 8.7 13.1



#44  
Trichloroethene  
Concen: 51.565 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:130 Resp: 252857  
Ion Ratio Lower Upper  
130 100  
95 105.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 52.711 ug/l

RT: 9.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

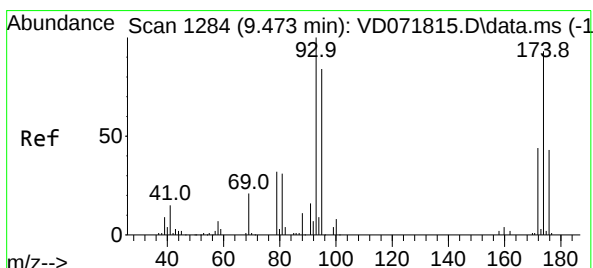
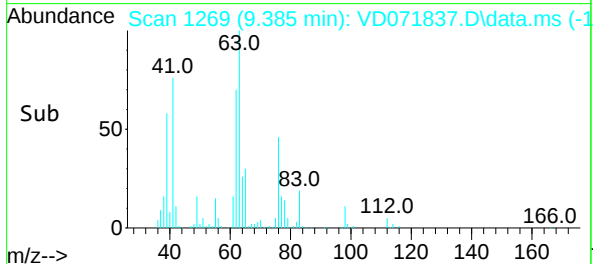
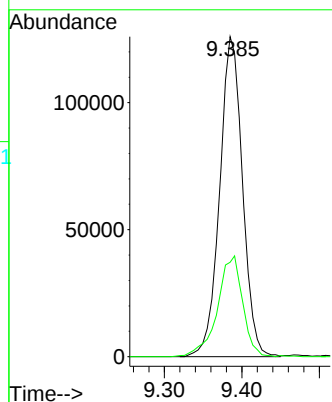
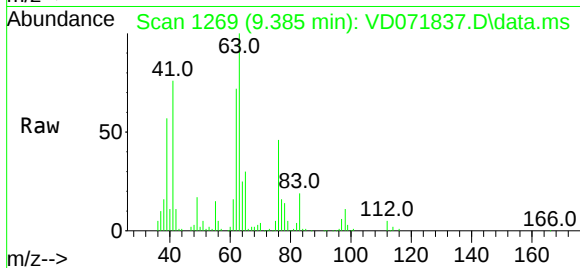
VSTDCCC050

Tgt Ion: 63 Resp: 258127

Ion Ratio Lower Upper

63 100

65 29.2 26.2 39.4



#46

Dibromomethane

Concen: 50.933 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

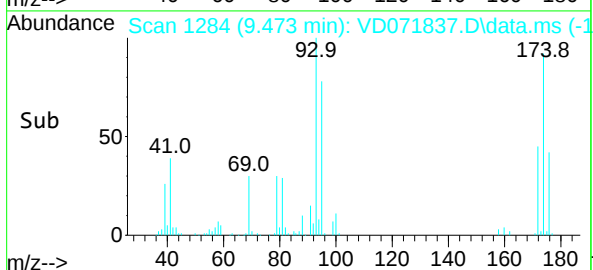
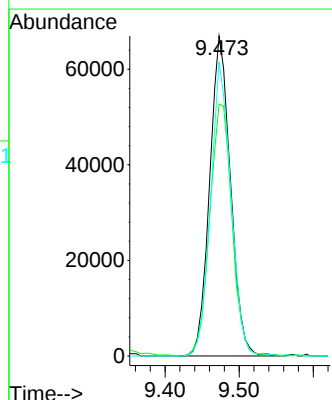
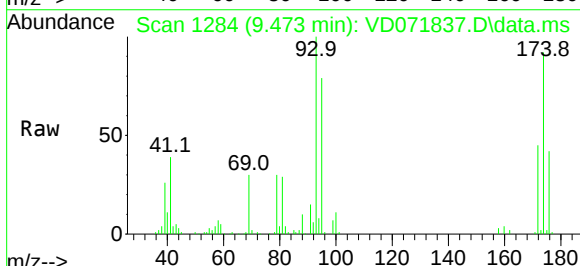
Tgt Ion: 93 Resp: 130597

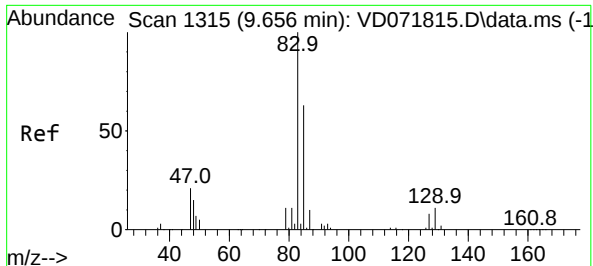
Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

174 89.4 71.6 107.4





#47

Bromodichloromethane

Concen: 52.525 ug/l

RT: 9.661 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

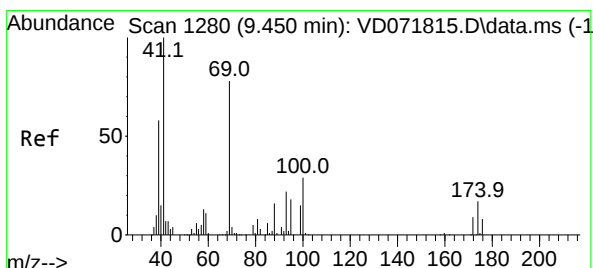
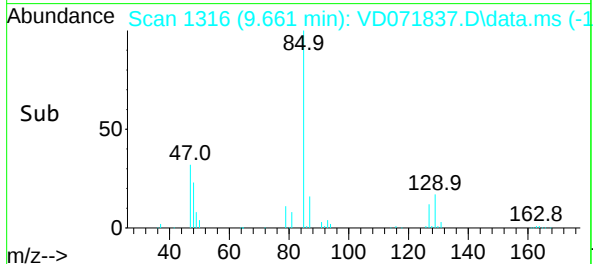
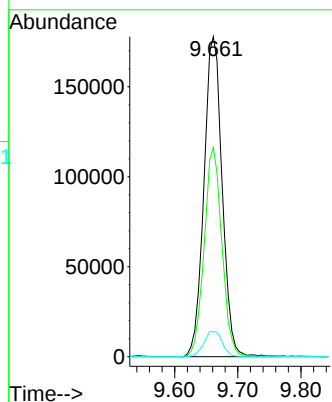
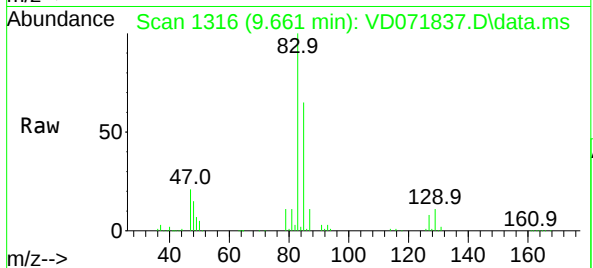
Tgt Ion: 83 Resp: 356183

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.0

127 7.8 6.1 9.1



#48

Methyl methacrylate

Concen: 46.181 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

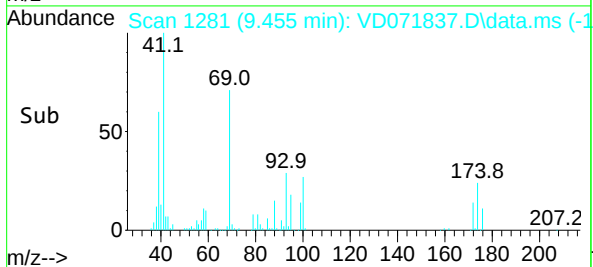
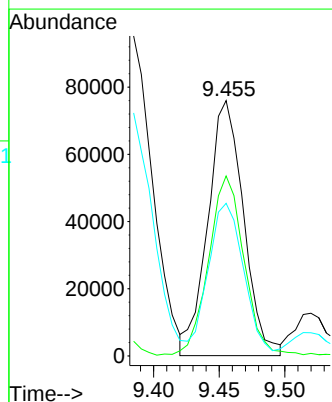
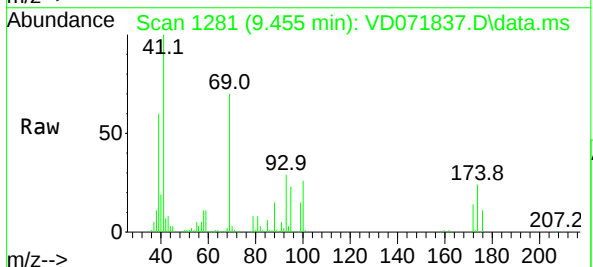
Tgt Ion: 41 Resp: 143688

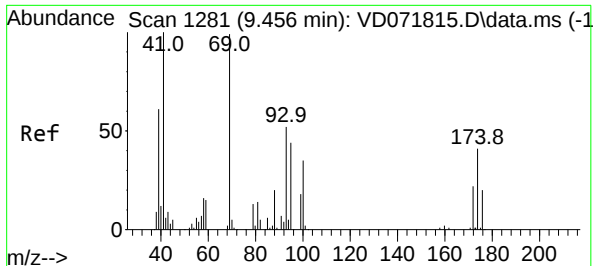
Ion Ratio Lower Upper

41 100

69 71.3 56.7 85.1

39 59.3 42.7 64.1

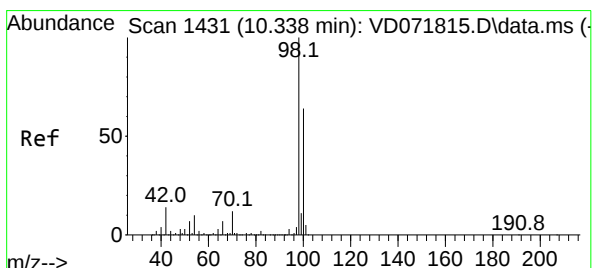
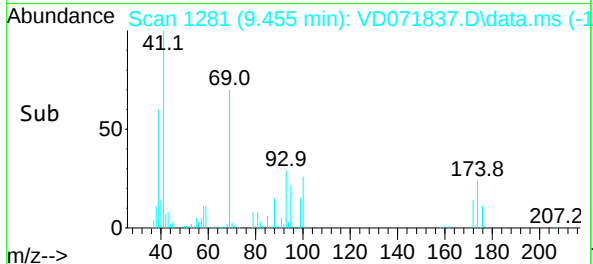
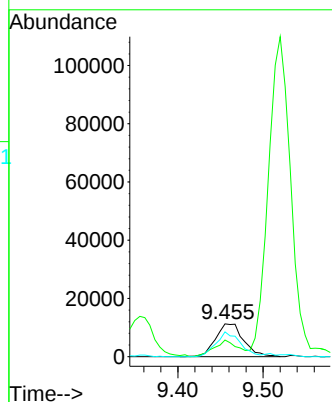
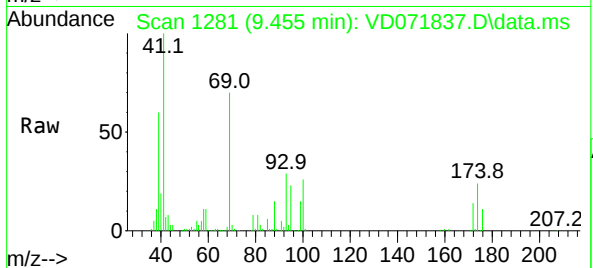




#49  
1,4-Dioxane  
Concen: 880.634 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

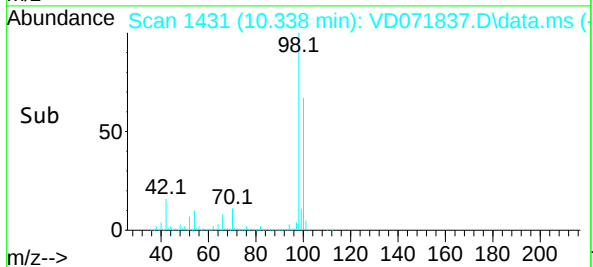
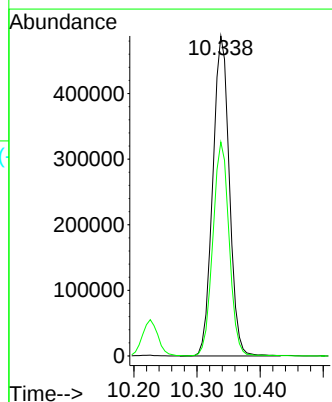
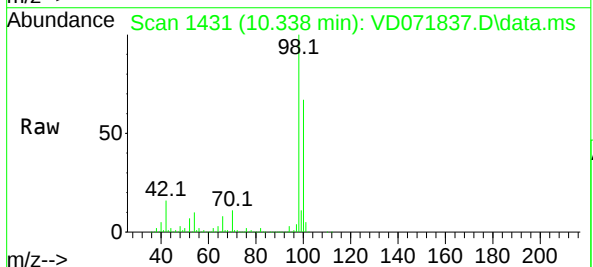
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

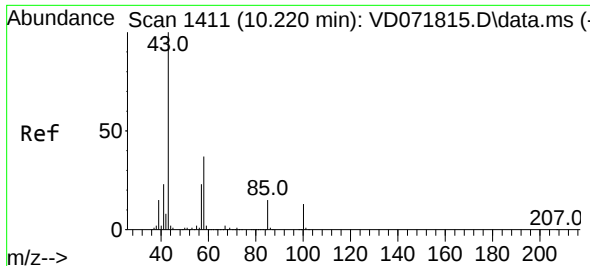
Tgt Ion: 88 Resp: 25773  
Ion Ratio Lower Upper  
88 100  
43 42.2 31.0 46.4  
58 65.7 58.1 87.1



#50  
Toluene-d8  
Concen: 58.089 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 98 Resp: 889292  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.4 78.6

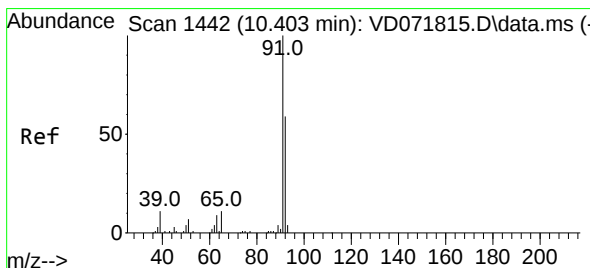
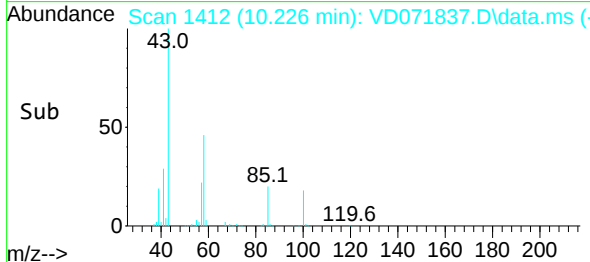
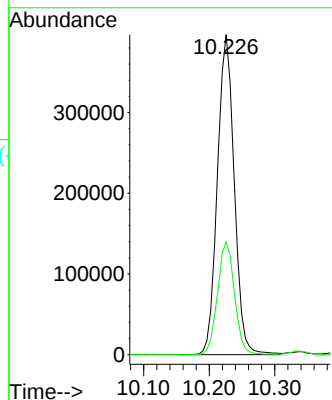
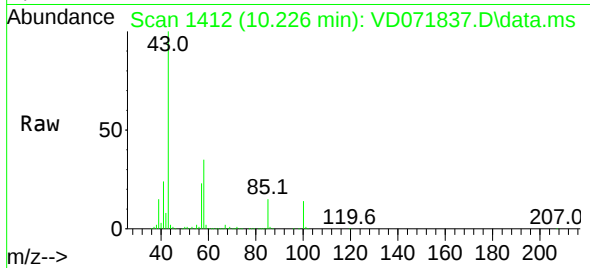




#51  
4-Methyl-2-Pentanone  
Concen: 229.654 ug/l  
RT: 10.226 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

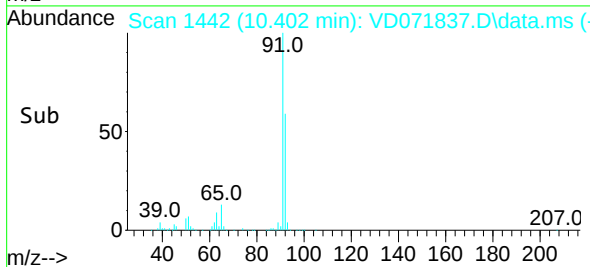
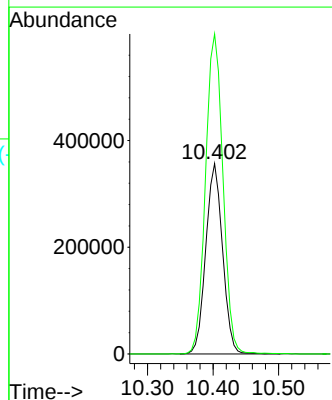
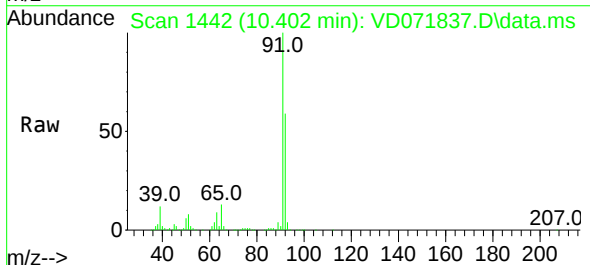
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

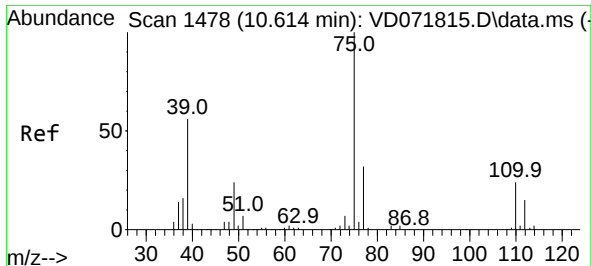
Tgt Ion: 43 Resp: 706550  
Ion Ratio Lower Upper  
43 100  
58 35.6 28.6 43.0



#52  
Toluene  
Concen: 53.856 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 92 Resp: 636021  
Ion Ratio Lower Upper  
92 100  
91 174.5 139.6 209.4

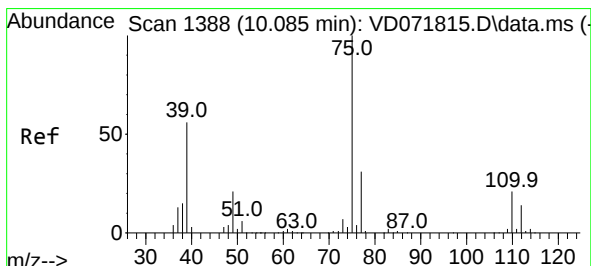
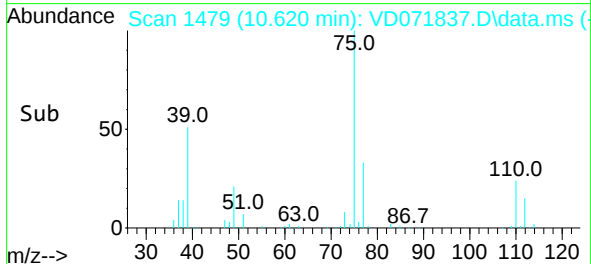
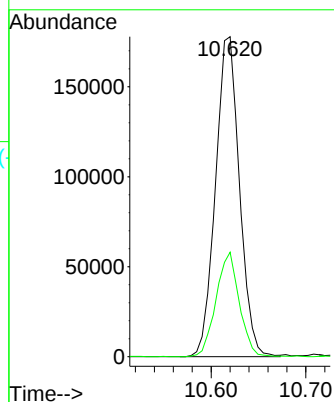
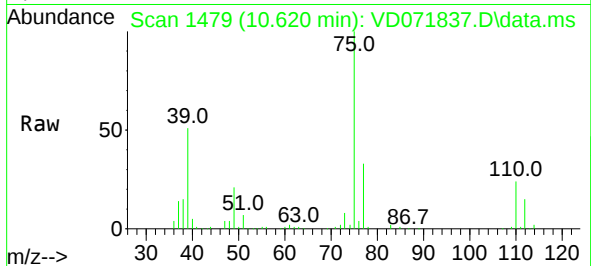




#53  
 t-1,3-Dichloropropene  
 Concen: 50.211 ug/l  
 RT: 10.620 min Scan# 1478  
 Delta R.T. 0.006 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

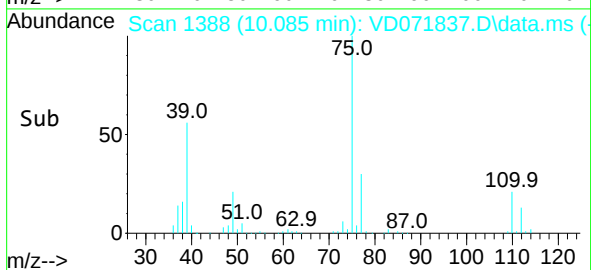
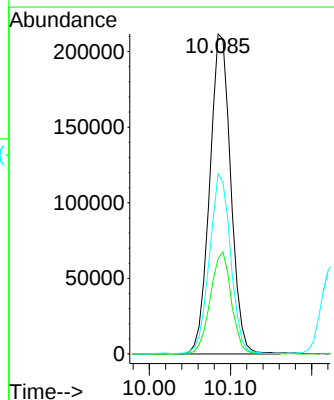
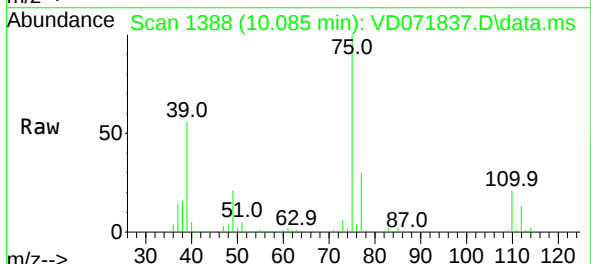
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

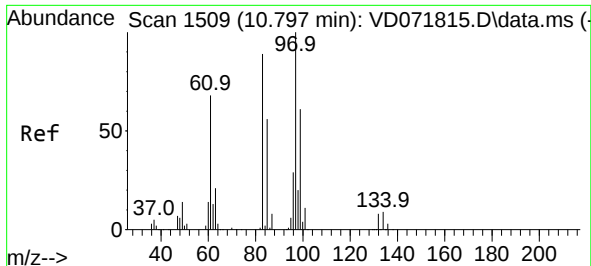
Tgt Ion: 75 Resp: 312723  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.276 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

Tgt Ion: 75 Resp: 381647  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 24.8 37.2  
 39 56.2 46.8 70.2



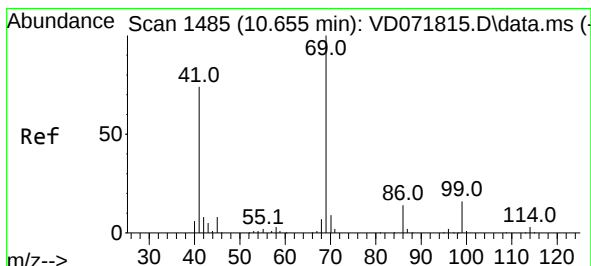
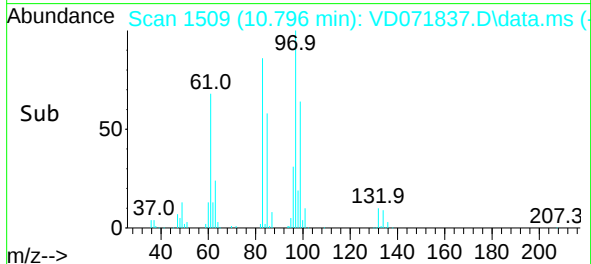
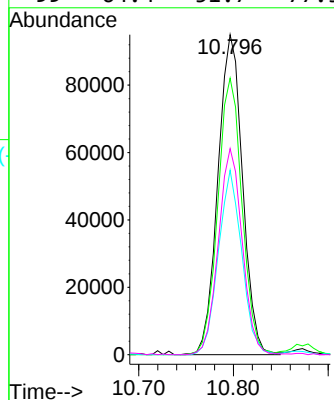
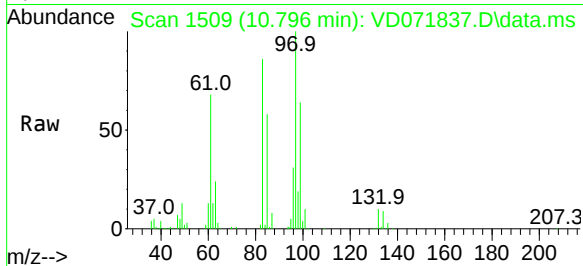


#55  
1,1,2-Trichloroethane  
Concen: 50.399 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 171509

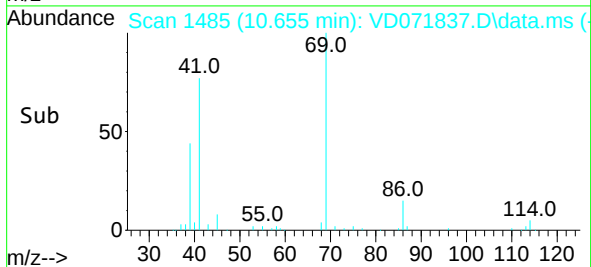
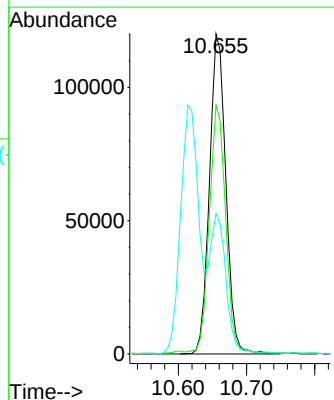
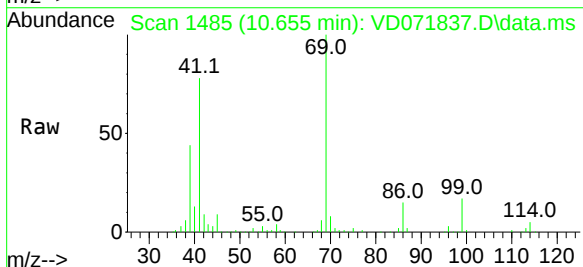
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.4  | 69.0  | 103.4 |
| 85  | 57.6  | 42.6  | 63.8  |
| 99  | 64.4  | 51.7  | 77.5  |

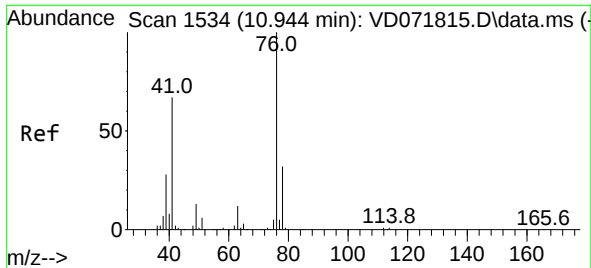


#56  
Ethyl methacrylate  
Concen: 47.693 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 69 Resp: 200945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 77.0  | 63.0  | 94.6  |
| 39  | 37.8  | 33.8  | 50.8  |

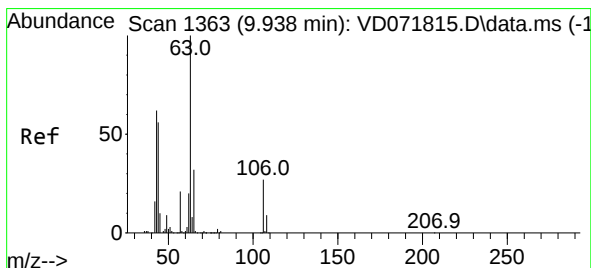
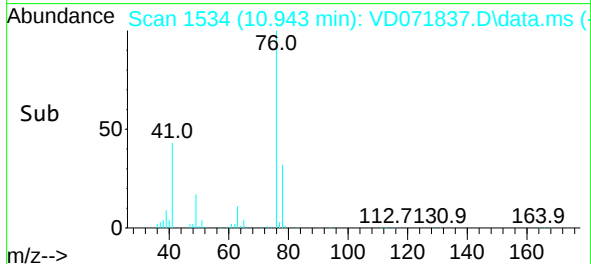
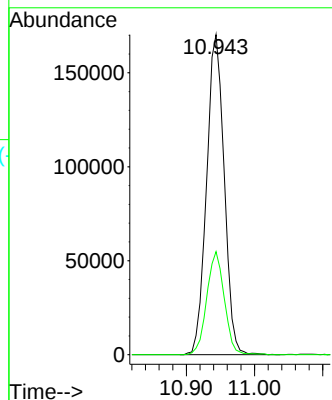
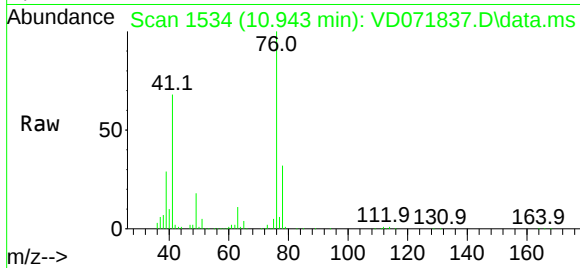




#57  
1,3-Dichloropropane  
Concen: 50.403 ug/l  
RT: 10.943 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

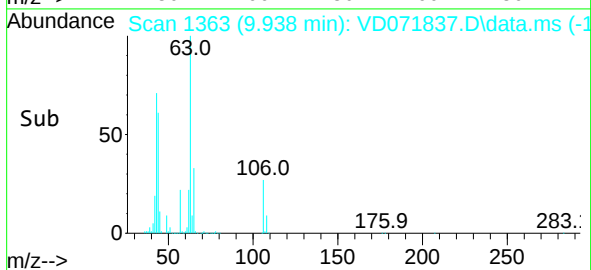
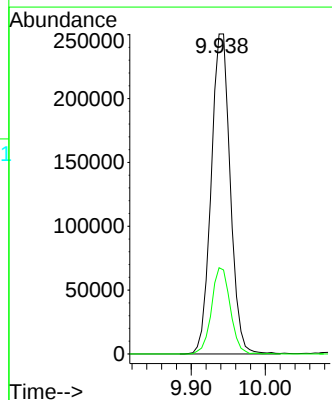
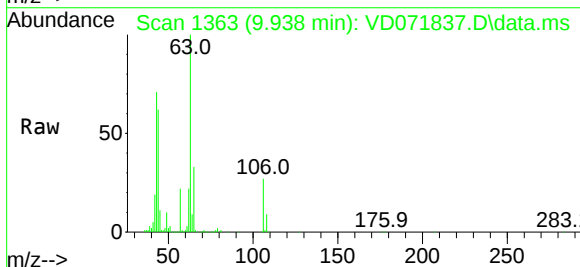
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

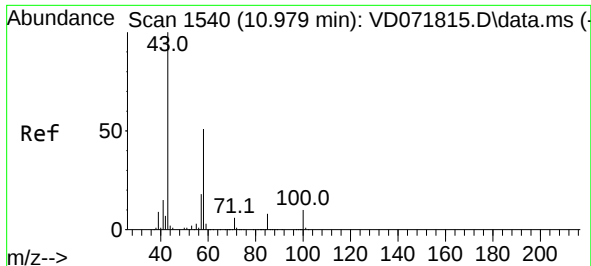
Tgt Ion: 76 Resp: 306209  
Ion Ratio Lower Upper  
76 100  
78 32.1 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 225.839 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 63 Resp: 447935  
Ion Ratio Lower Upper  
63 100  
106 26.5 21.4 32.0

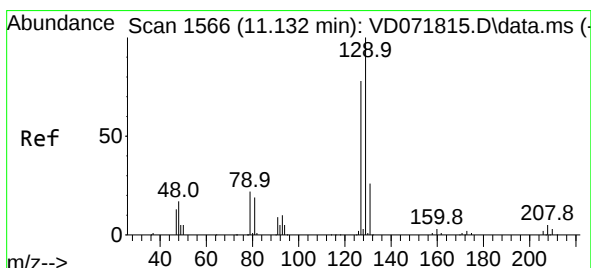
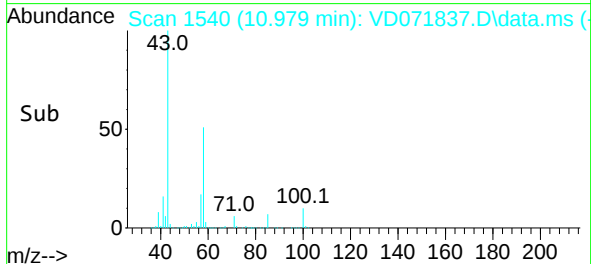
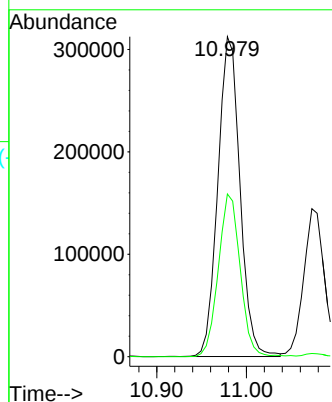
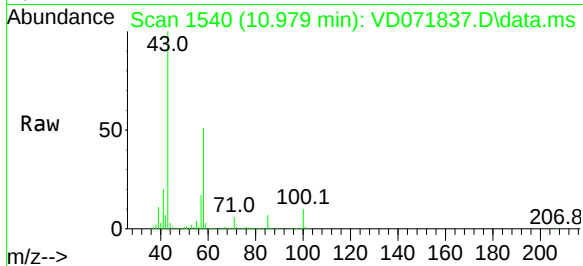




#59  
2-Hexanone  
Concen: 239.483 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

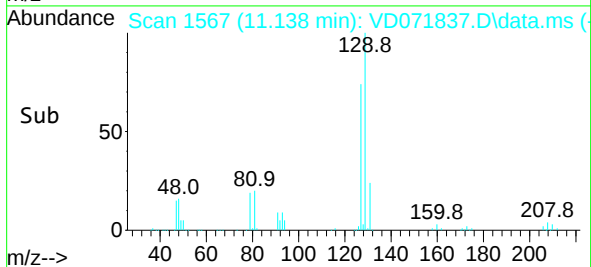
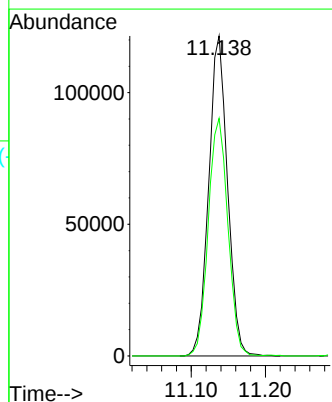
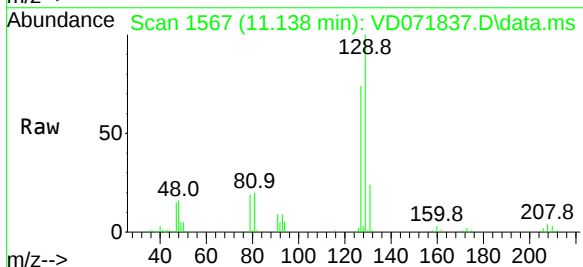
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

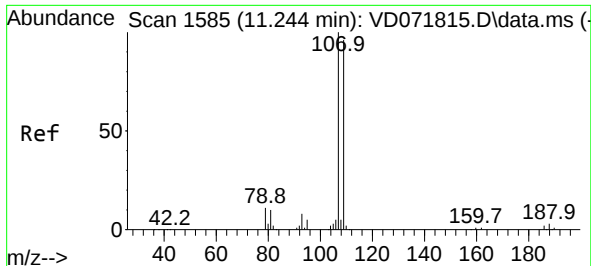
Tgt Ion: 43 Resp: 534767  
Ion Ratio Lower Upper  
43 100  
58 50.4 25.3 75.9



#60  
Dibromochloromethane  
Concen: 51.002 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:129 Resp: 214322  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.2 117.6

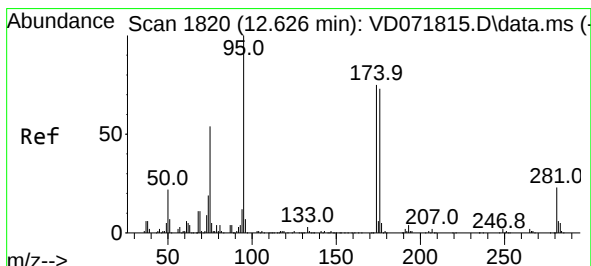
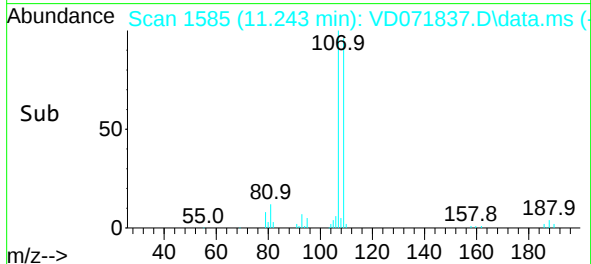
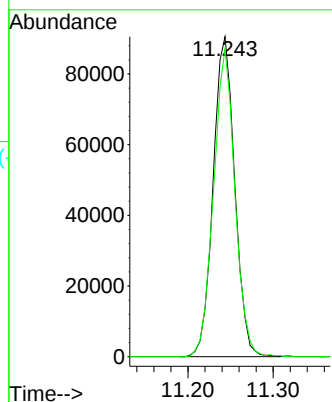
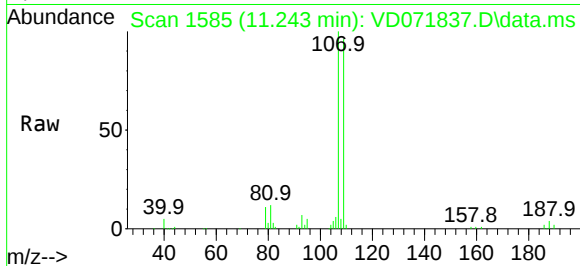




#61  
1,2-Dibromoethane  
Concen: 48.488 ug/l  
RT: 11.243 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

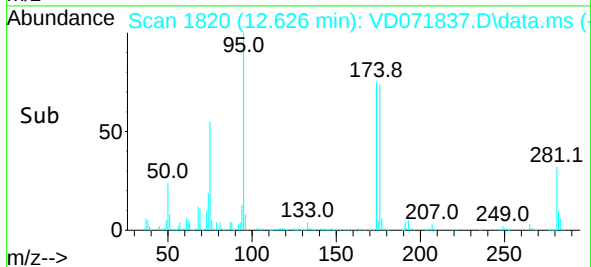
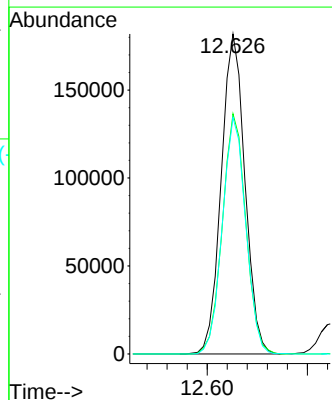
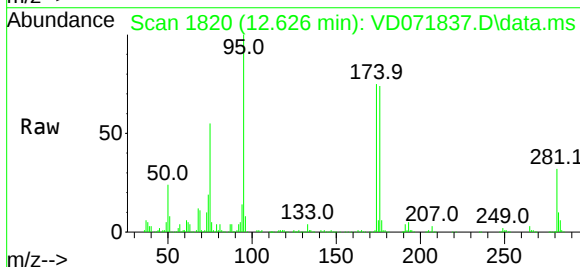
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

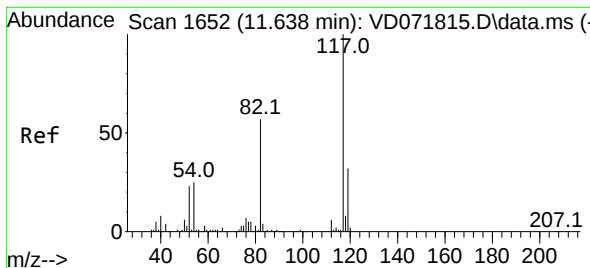
Tgt Ion:107 Resp: 158978  
Ion Ratio Lower Upper  
107 100  
109 95.7 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 55.701 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 95 Resp: 297783  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 152.8  
176 73.0 0.0 145.4

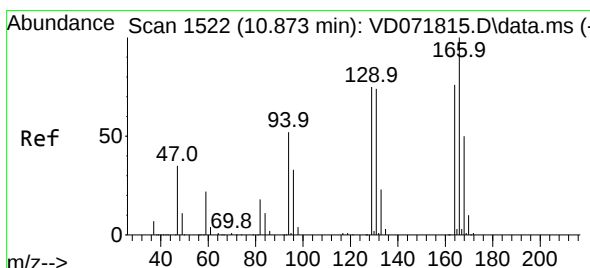
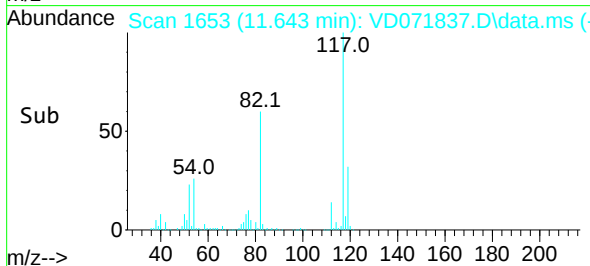
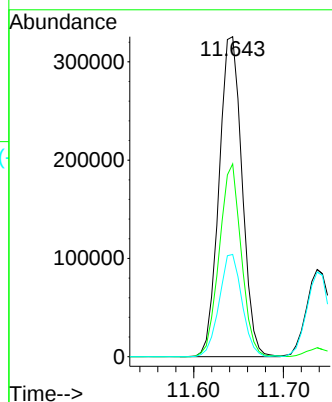
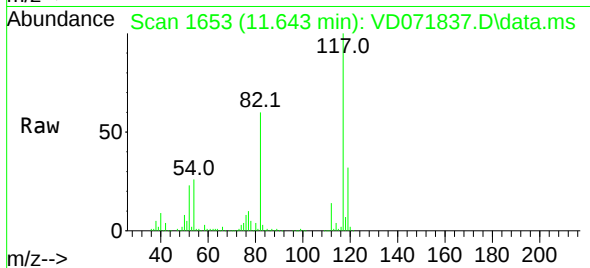




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.643 min Scan# 11643  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

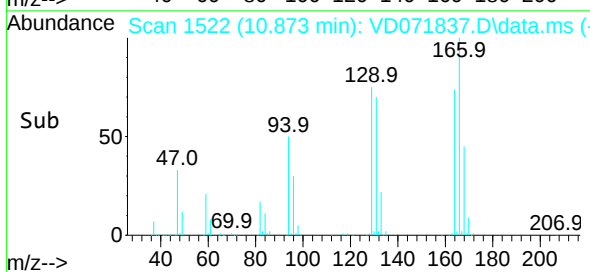
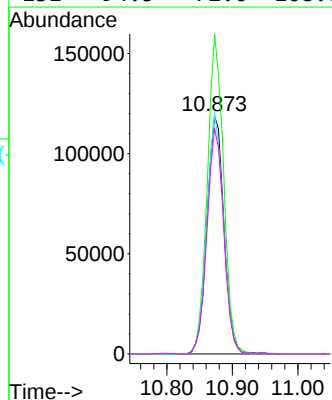
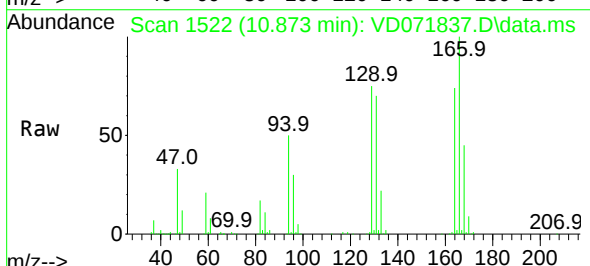
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

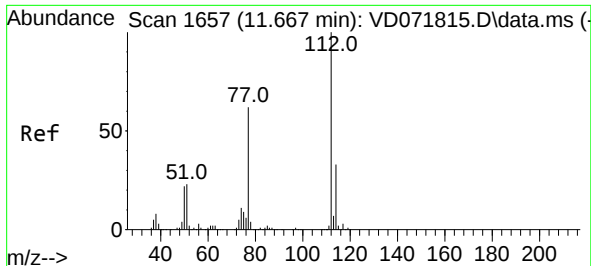
Tgt Ion:117 Resp: 579991  
Ion Ratio Lower Upper  
117 100  
82 60.3 45.3 67.9  
119 31.9 26.6 40.0



#64  
Tetrachloroethene  
Concen: 52.338 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:164 Resp: 214721  
Ion Ratio Lower Upper  
164 100  
166 134.4 98.5 147.7  
129 100.9 74.6 111.8  
131 94.5 72.0 108.0

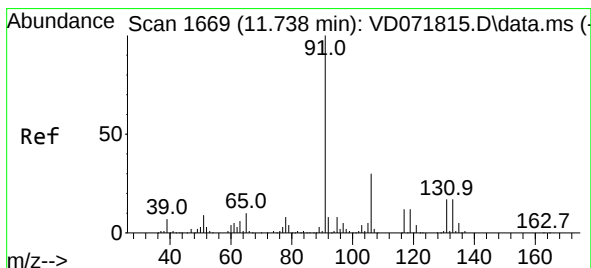
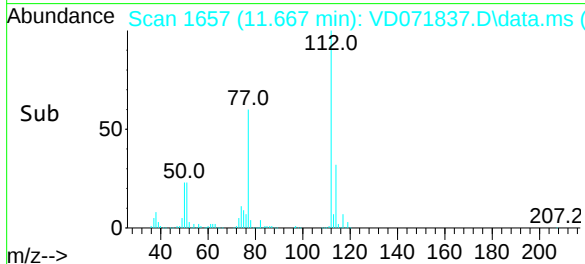
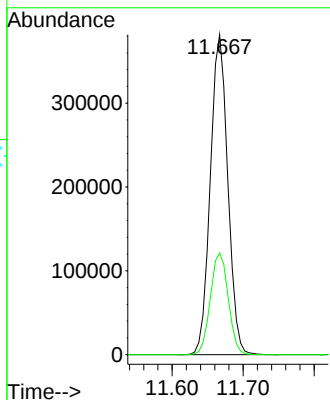
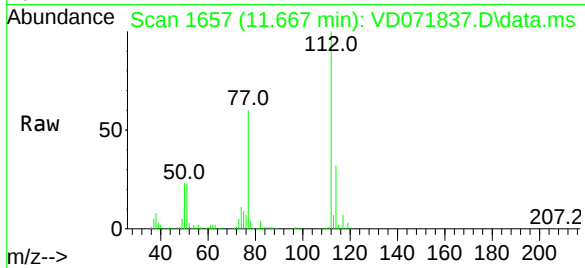




#65  
Chlorobenzene  
Concen: 53.055 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

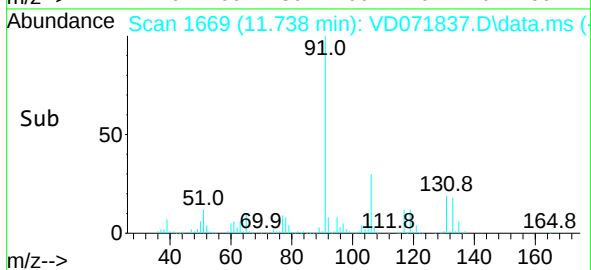
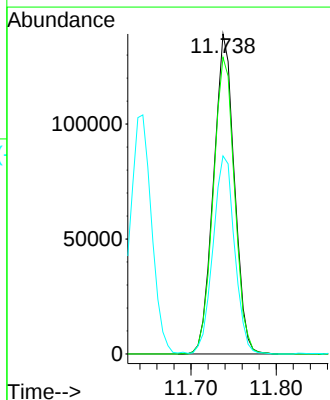
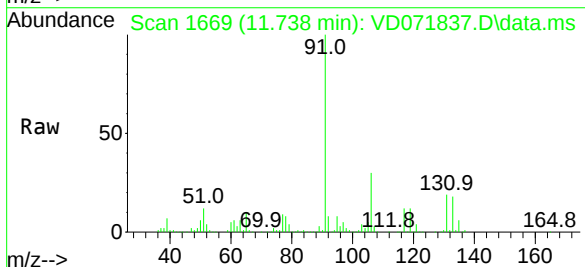
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

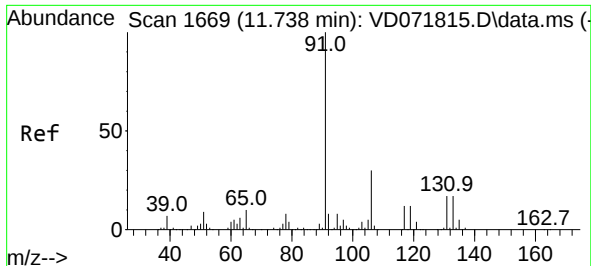
Tgt Ion:112 Resp: 650989  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.966 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:131 Resp: 236431  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.1 144.3  
119 64.1 31.9 95.9





#67

Ethyl Benzene

Concen: 54.490 ug/l

RT: 11.743 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

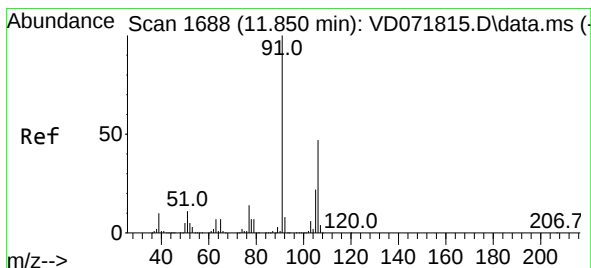
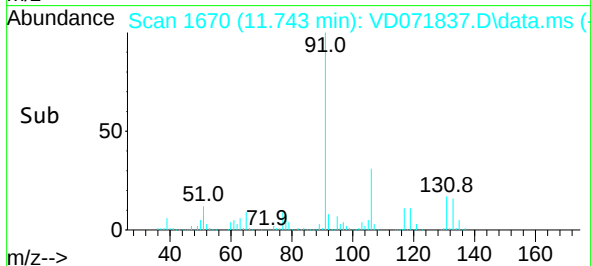
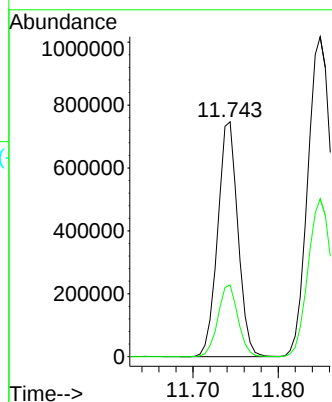
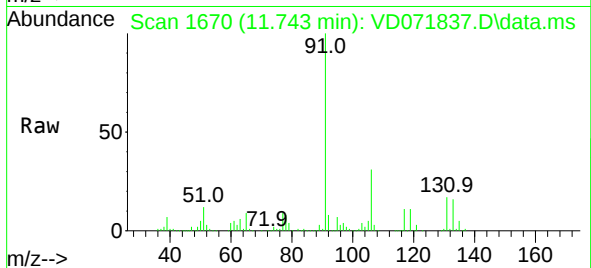
VSTDCCC050

Tgt Ion: 91 Resp: 1230263

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.4



#68

m/p-Xylenes

Concen: 111.042 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VD071837.D

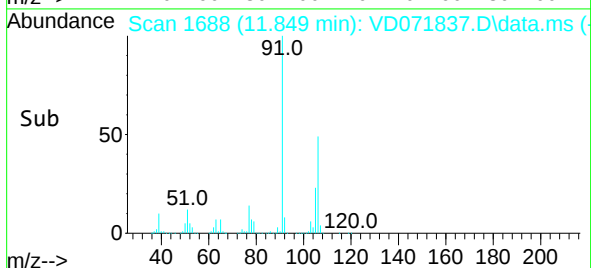
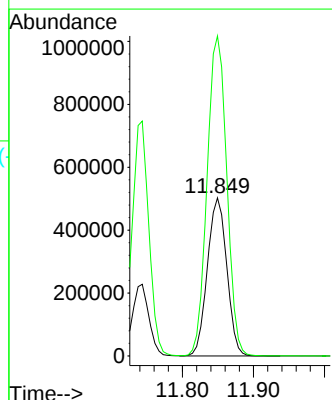
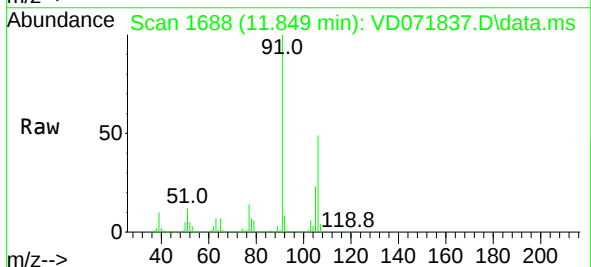
Acq: 31 Jan 2022 10:31

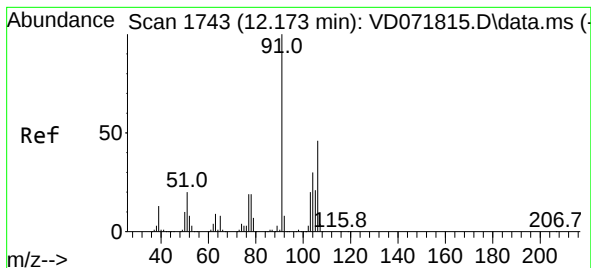
Tgt Ion:106 Resp: 953589

Ion Ratio Lower Upper

106 100

91 205.0 163.7 245.5

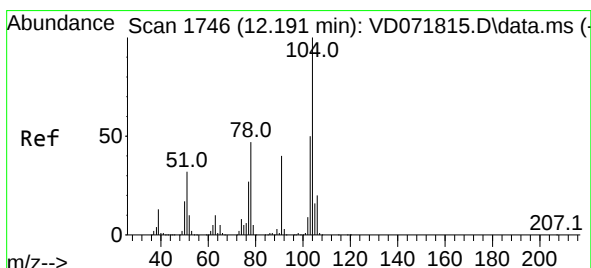
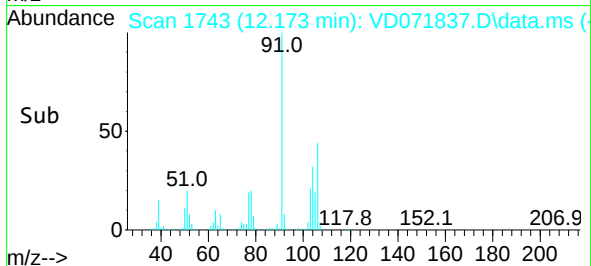
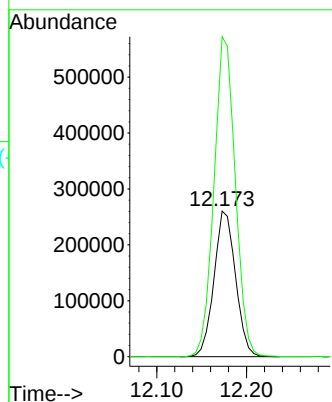
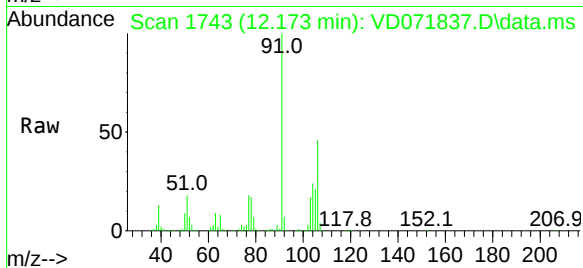




#69  
o-Xylene  
Concen: 55.627 ug/l  
RT: 12.173 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

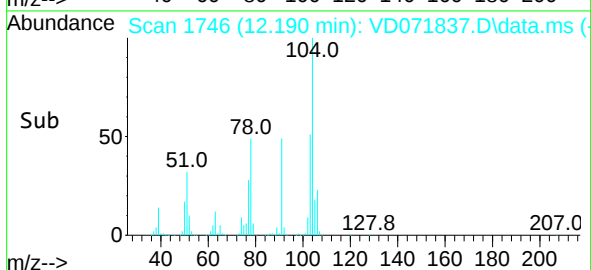
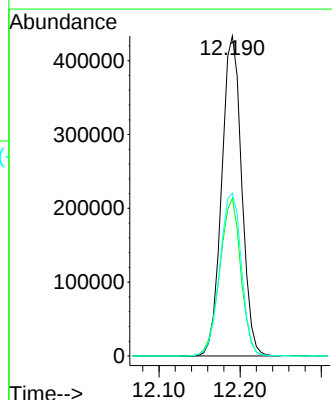
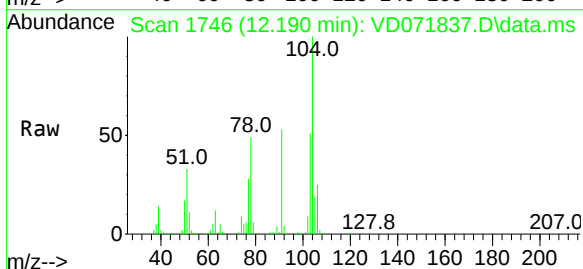
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

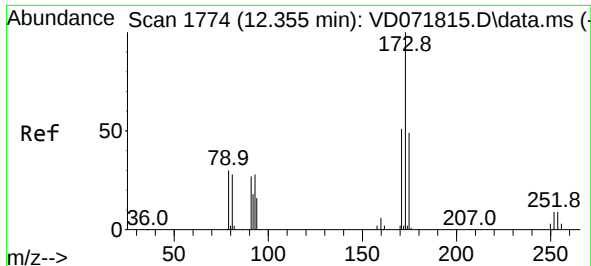
Tgt Ion:106 Resp: 434122  
Ion Ratio Lower Upper  
106 100  
91 217.9 110.4 331.2



#70  
Styrene  
Concen: 55.176 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:104 Resp: 742206  
Ion Ratio Lower Upper  
104 100  
78 52.0 41.8 62.8  
103 55.1 44.2 66.4

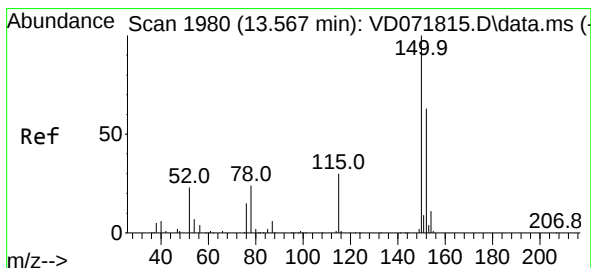
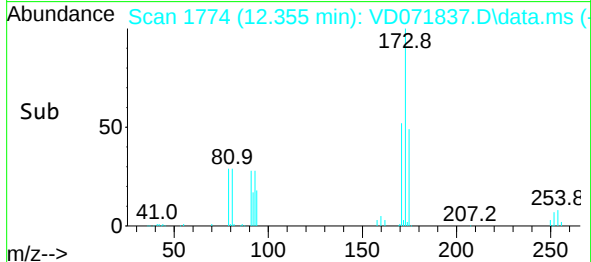
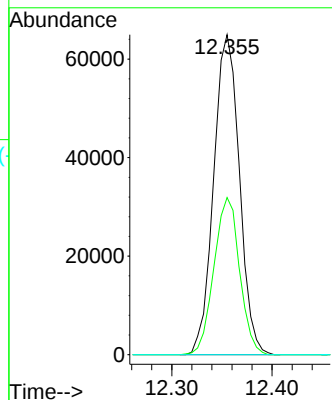
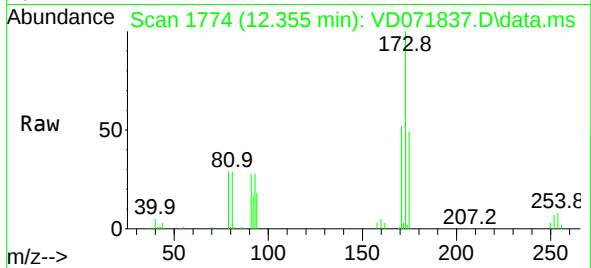




#71  
Bromoform  
Concen: 48.422 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

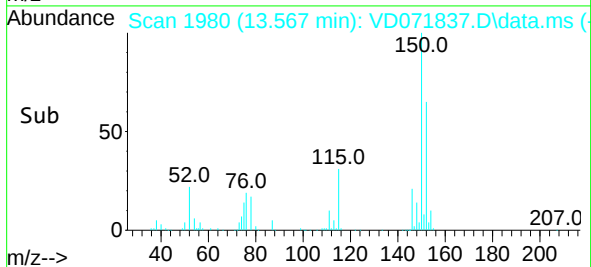
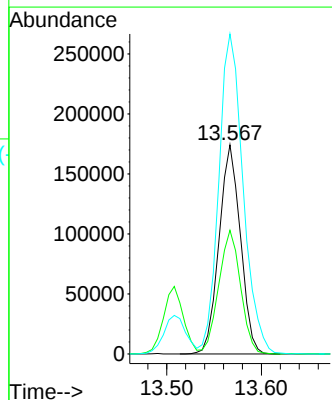
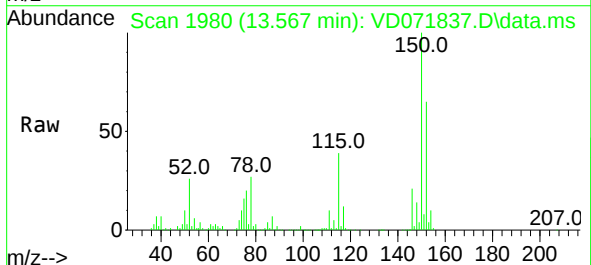
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

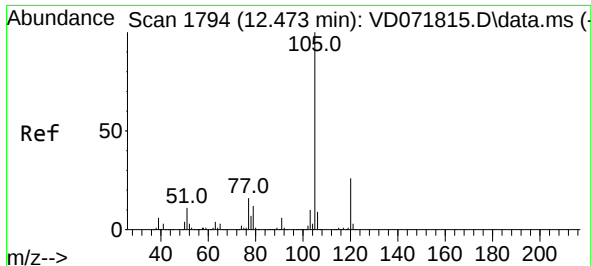
Tgt Ion:173 Resp: 115406  
Ion Ratio Lower Upper  
173 100  
175 48.9 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:152 Resp: 273517  
Ion Ratio Lower Upper  
152 100  
115 60.6 31.3 93.8  
150 174.2 0.0 348.6

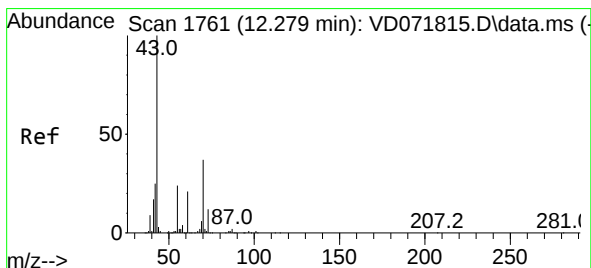
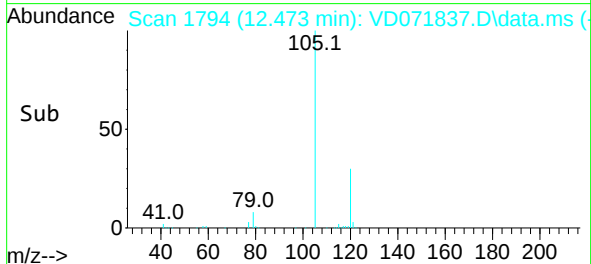
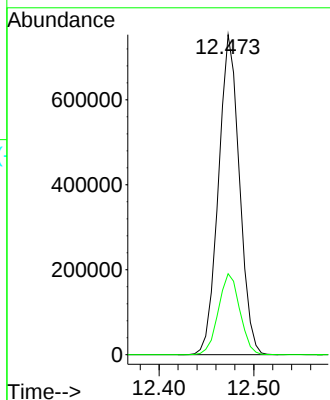
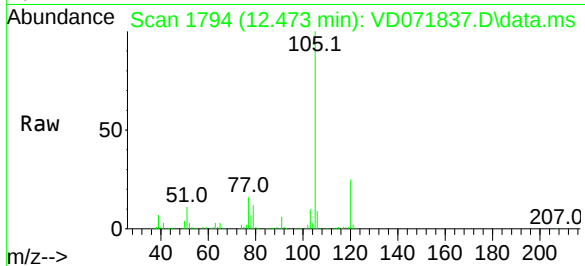




#73  
Isopropylbenzene  
Concen: 54.719 ug/l  
RT: 12.473 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

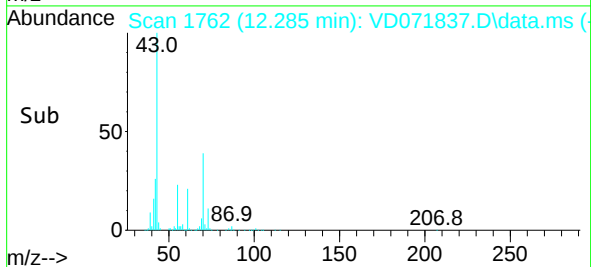
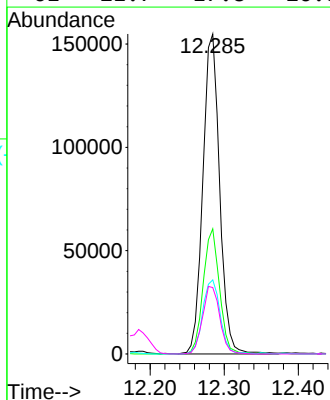
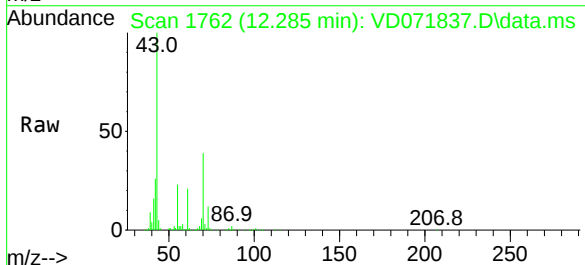
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

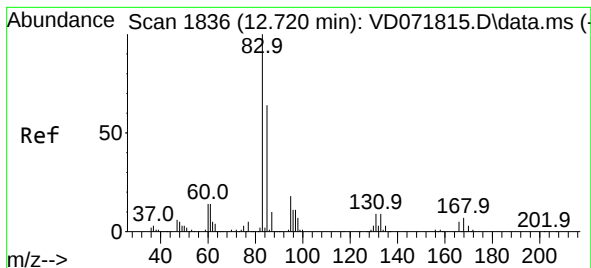
Tgt Ion:105 Resp: 1158926  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.0 38.9



#74  
N-ethyl acetate  
Concen: 46.809 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 43 Resp: 243808  
Ion Ratio Lower Upper  
43 100  
70 38.0 31.3 46.9  
55 24.0 20.0 30.0  
61 21.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.690 ug/l

RT: 12.726 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

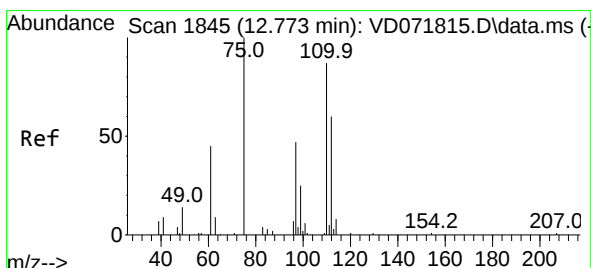
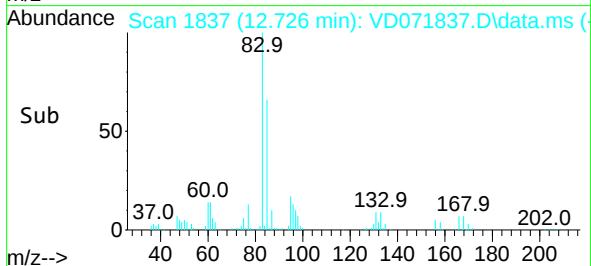
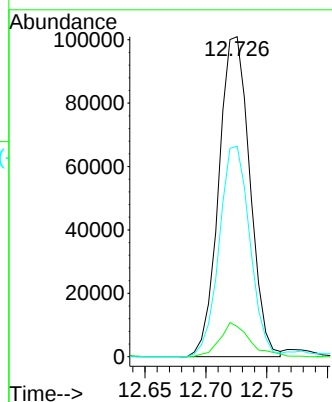
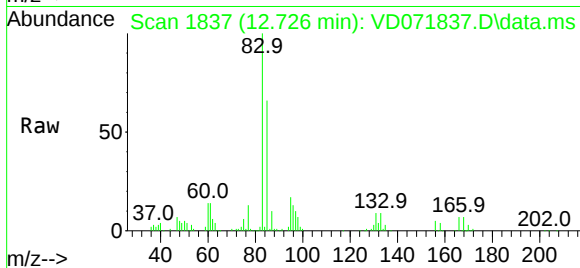
Tgt Ion: 83 Resp: 179076

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 85.889 ug/l

RT: 12.773 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VD071837.D

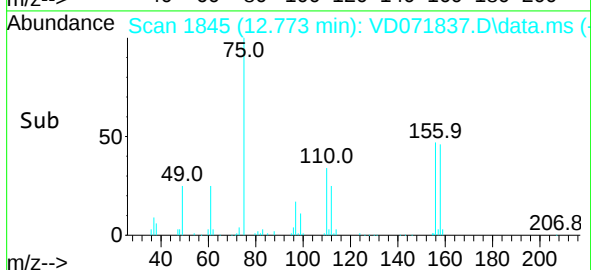
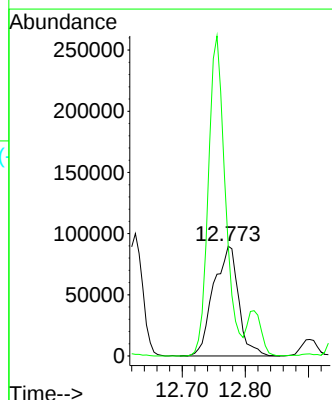
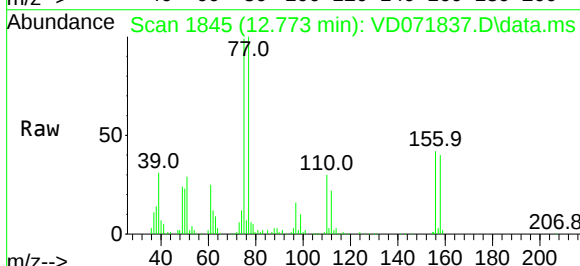
Acq: 31 Jan 2022 10:31

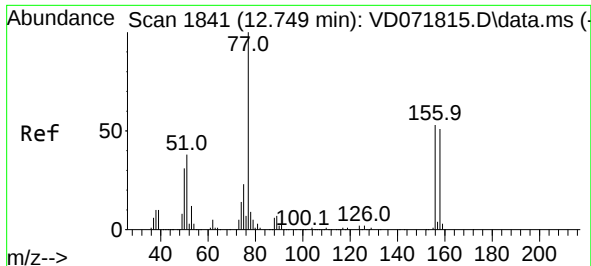
Tgt Ion: 75 Resp: 247578

Ion Ratio Lower Upper

75 100

77 197.5 0.0 0.0#

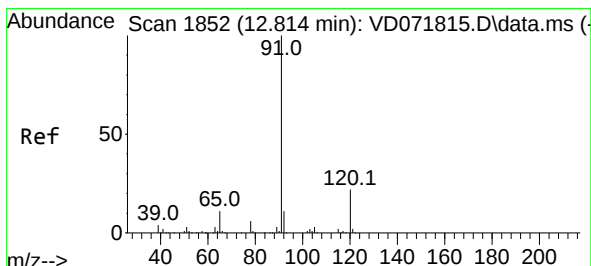
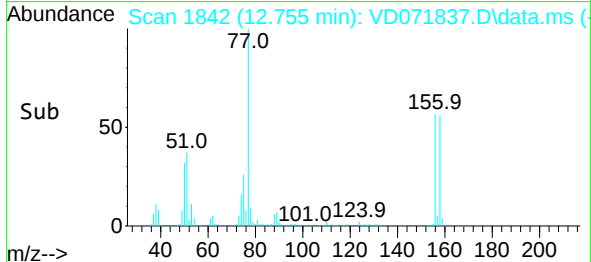
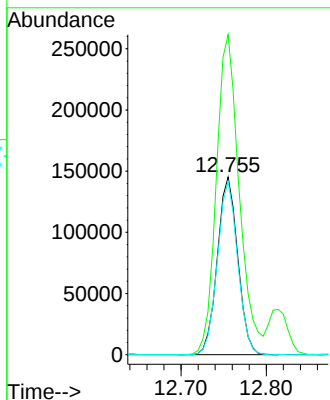
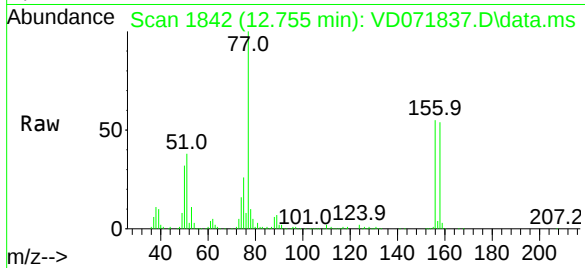




#77  
Bromobenzene  
Concen: 51.193 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

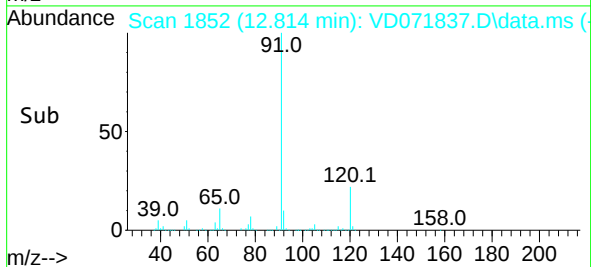
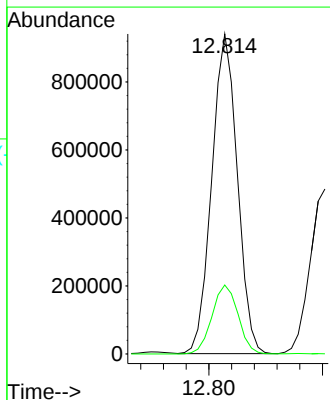
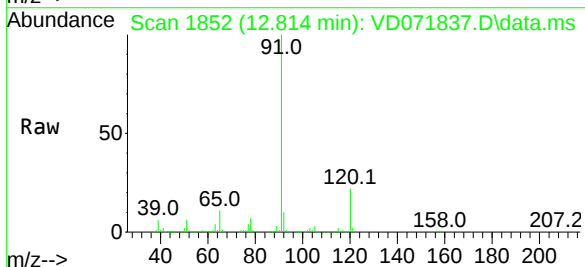
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

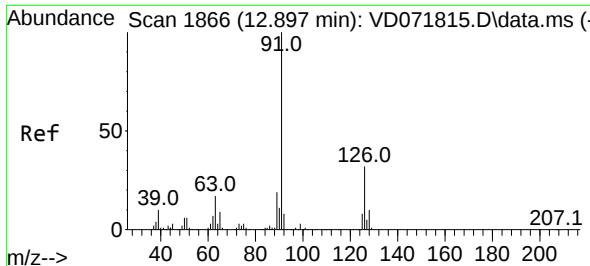
Tgt Ion:156 Resp: 241187  
Ion Ratio Lower Upper  
156 100  
77 202.8 102.8 308.3  
158 96.7 48.7 146.1



#78  
n-propylbenzene  
Concen: 55.268 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 91 Resp: 1467786  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.9 32.9

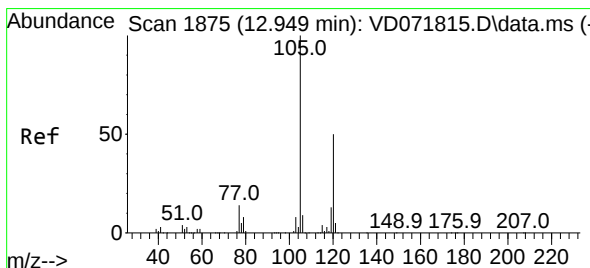
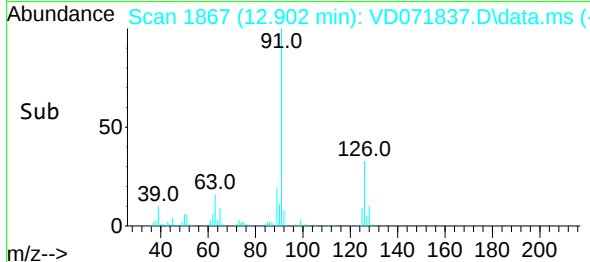
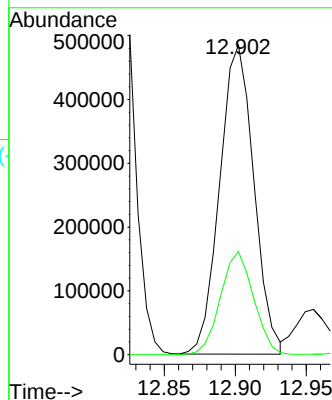
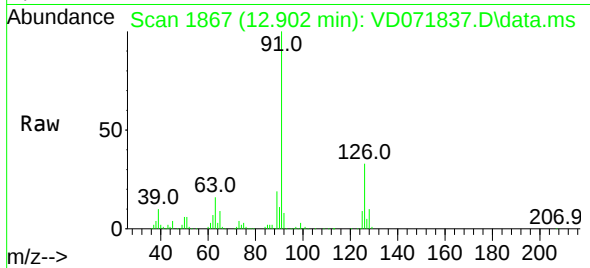




#79  
2-Chlorotoluene  
Concen: 53.925 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

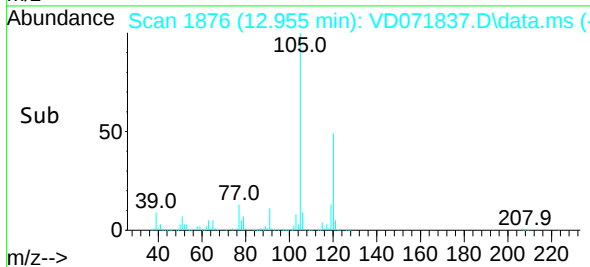
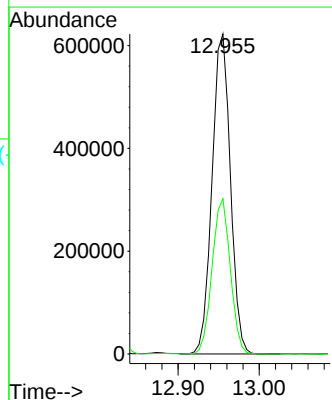
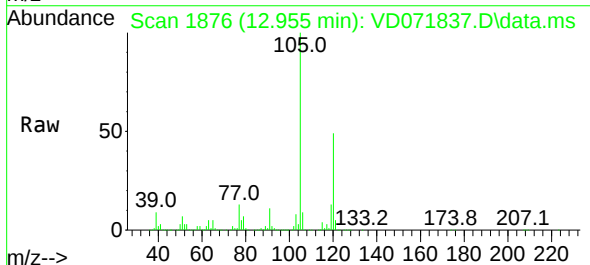
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

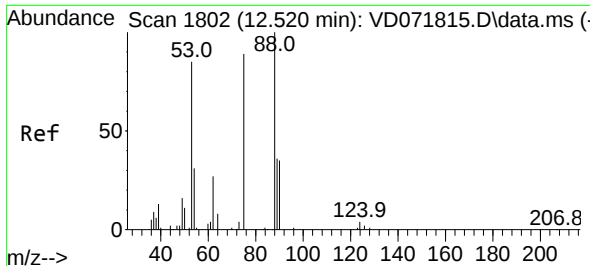
Tgt Ion: 91 Resp: 811560  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 55.657 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:105 Resp: 977737  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.3 72.8

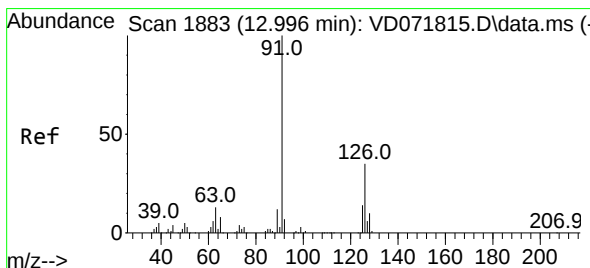
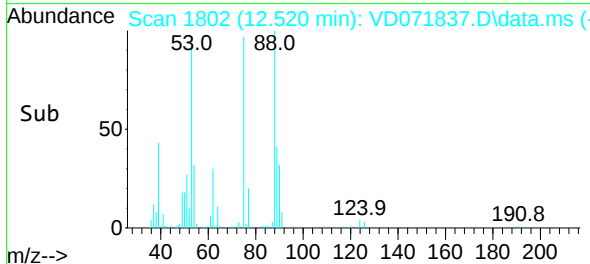
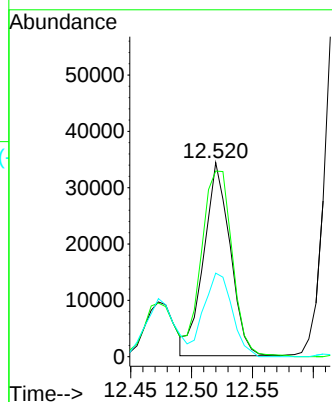
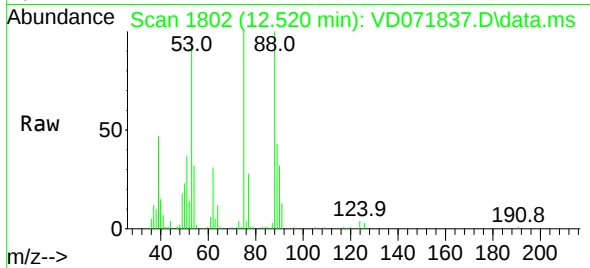




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.062 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

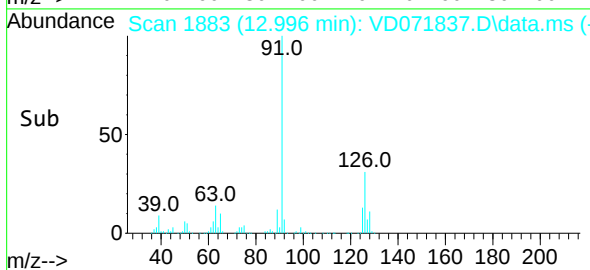
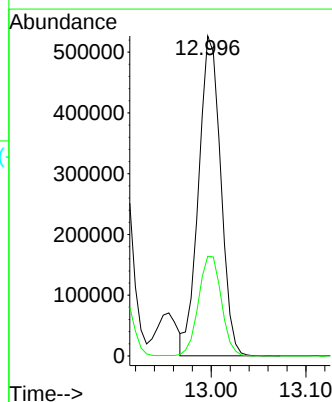
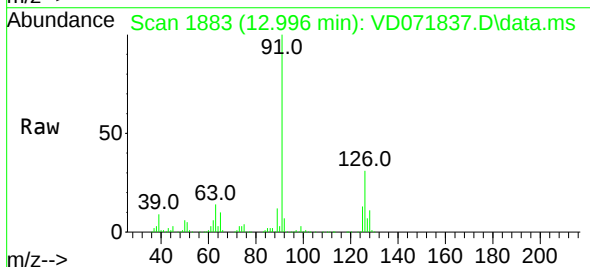
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

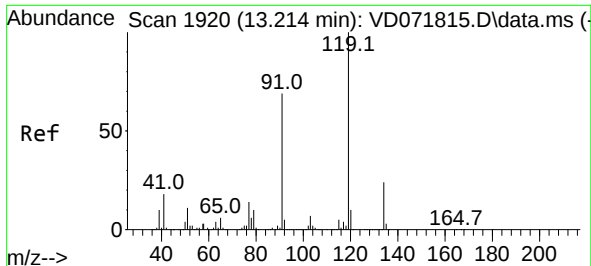
Tgt Ion: 75 Resp: 51656  
Ion Ratio Lower Upper  
75 100  
53 113.0 86.5 129.7  
89 46.6 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 54.449 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 91 Resp: 852541  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.5 49.5

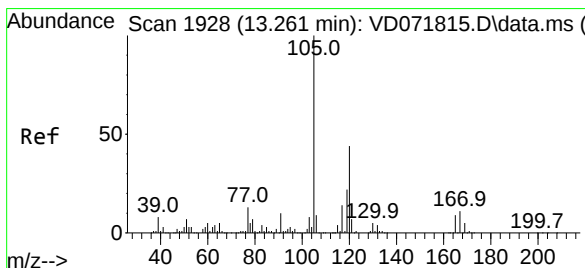
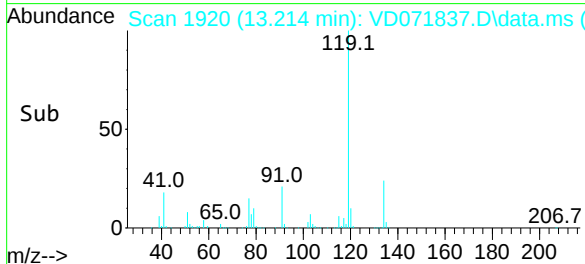
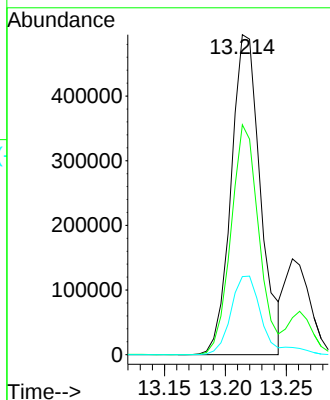
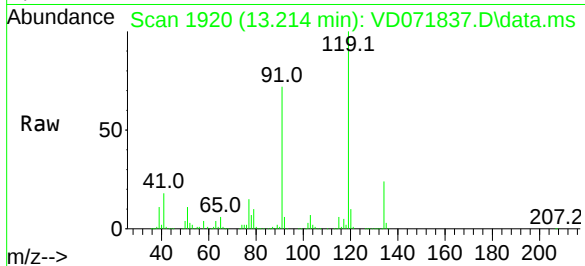




#83  
tert-Butylbenzene  
Concen: 56.946 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

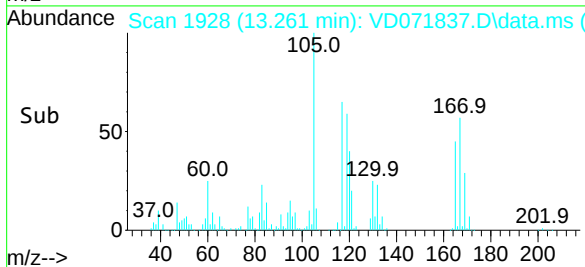
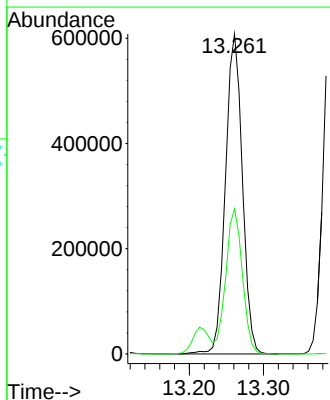
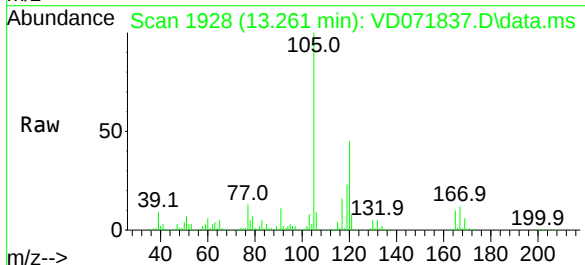
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

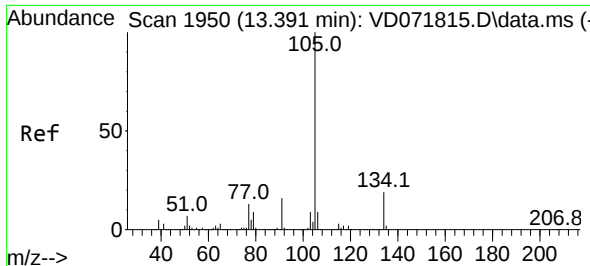
Tgt Ion:119 Resp: 829083  
Ion Ratio Lower Upper  
119 100  
91 68.2 34.8 104.5  
134 26.2 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 55.707 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:105 Resp: 962660  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.3 66.8

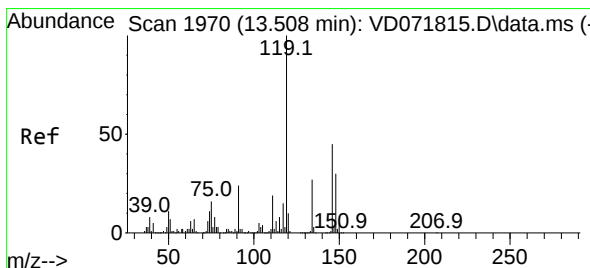
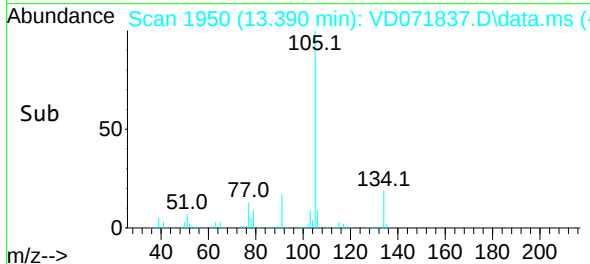
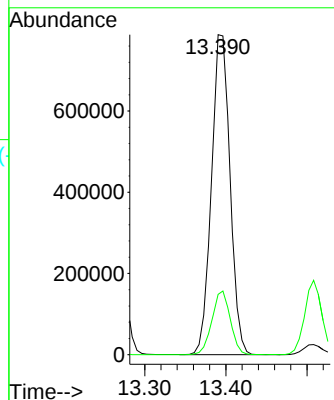
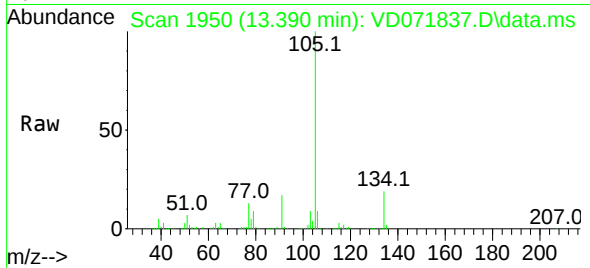




#85  
 sec-Butylbenzene  
 Concen: 55.000 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

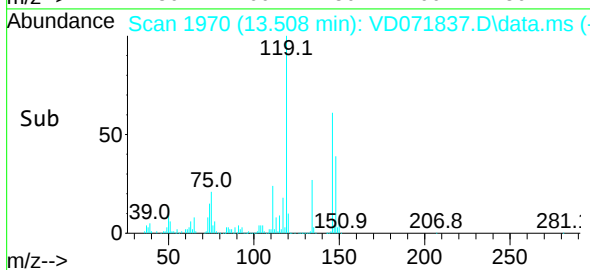
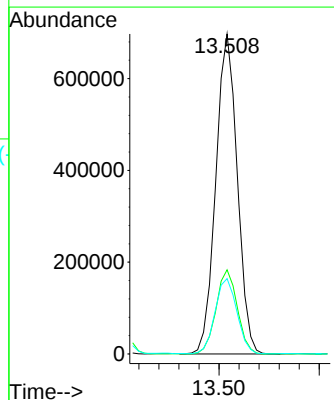
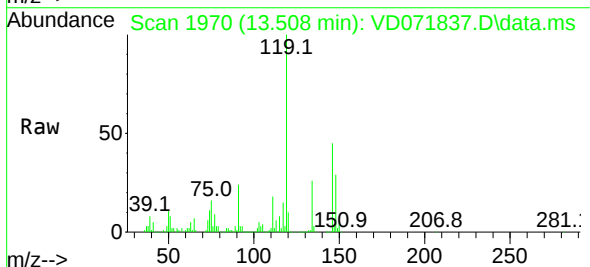
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

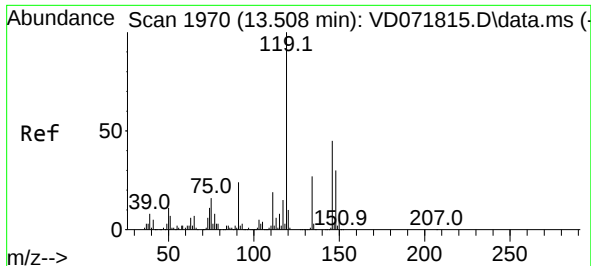
Tgt Ion:105 Resp: 1252944  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 55.922 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.006 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

Tgt Ion:119 Resp: 1035206  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.9 38.6  
 91 23.9 12.1 36.3

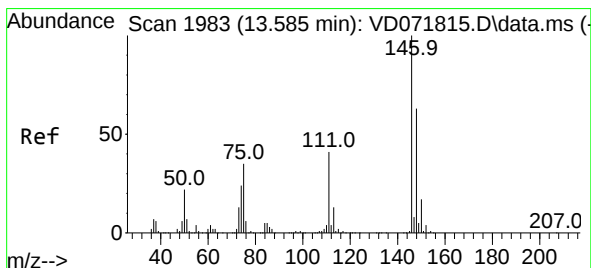
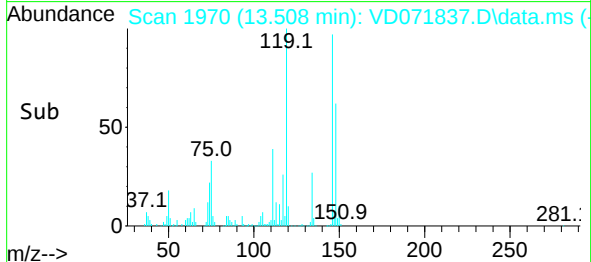
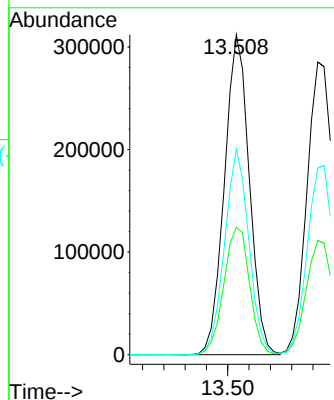
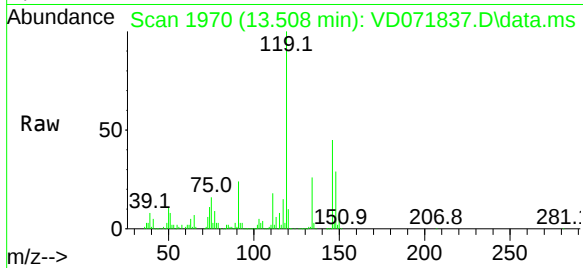




#87  
 1,3-Dichlorobenzene  
 Concen: 52.928 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. -0.000 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

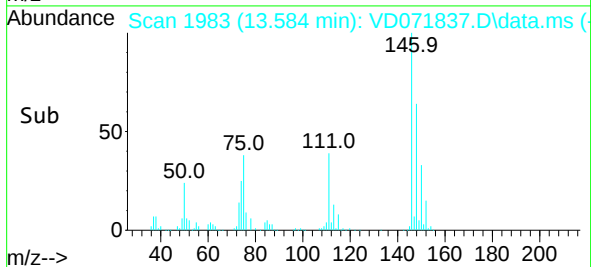
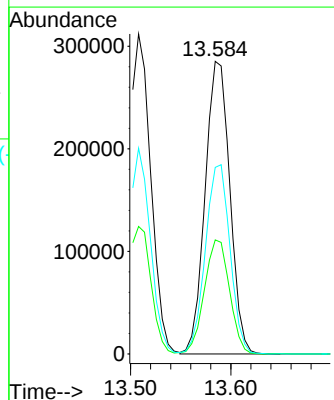
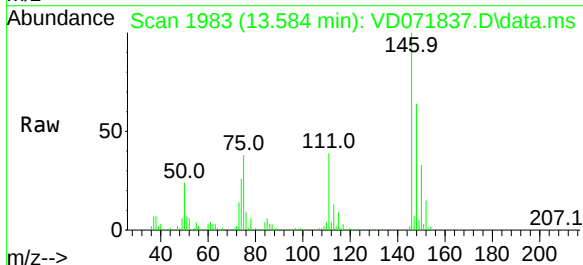
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

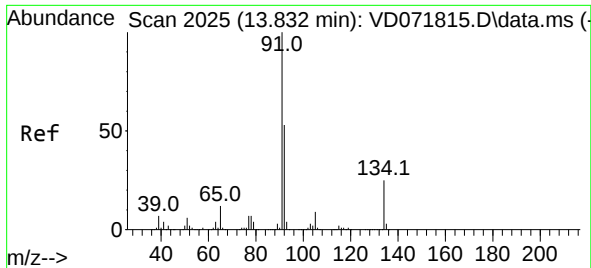
Tgt Ion:146 Resp: 506356  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.4 61.3  
 148 62.6 31.9 95.7



#88  
 1,4-Dichlorobenzene  
 Concen: 51.291 ug/l  
 RT: 13.584 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VD071837.D  
 Acq: 31 Jan 2022 10:31

Tgt Ion:146 Resp: 489721  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 20.3 60.9  
 148 64.5 31.7 95.1

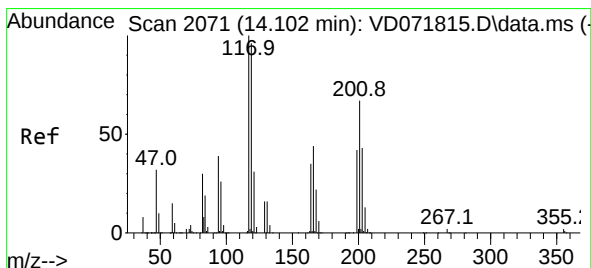
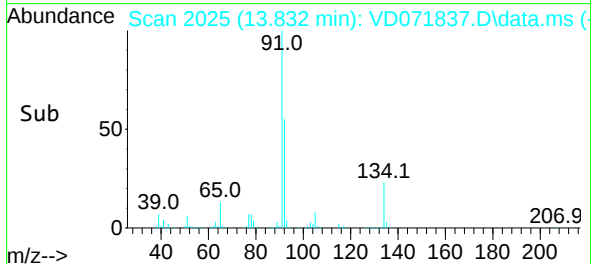
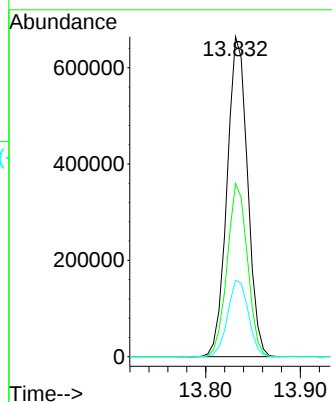
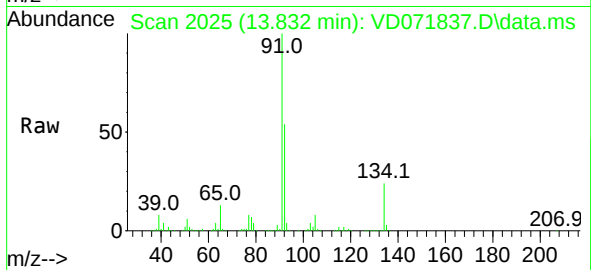




#89  
n-Butylbenzene  
Concen: 55.037 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

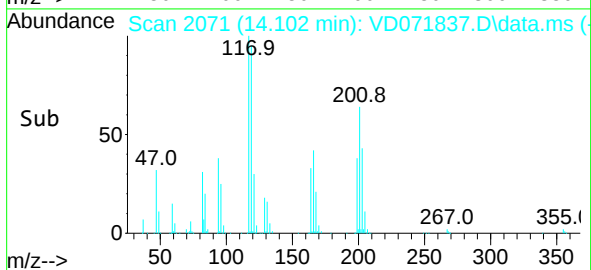
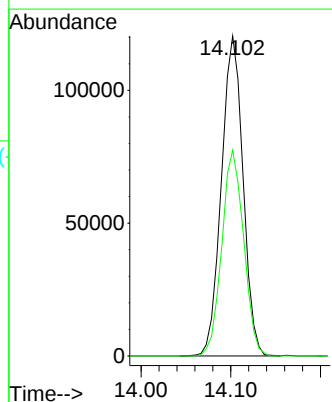
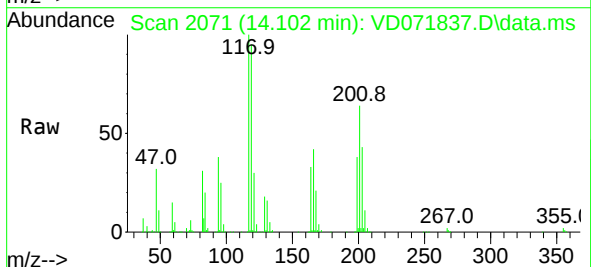
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

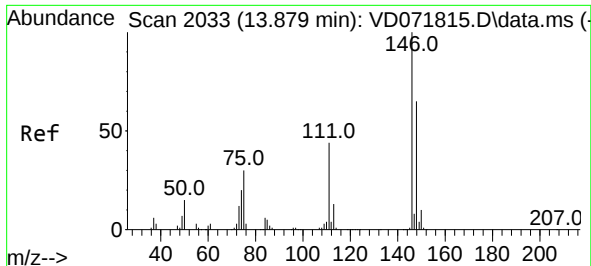
Tgt Ion: 91 Resp: 999584  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.6 79.8  
134 24.2 12.3 36.9



#90  
Hexachloroethane  
Concen: 54.683 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 117 Resp: 201212  
Ion Ratio Lower Upper  
117 100  
201 65.0 33.4 100.2

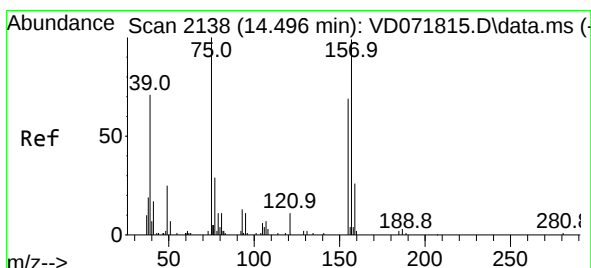
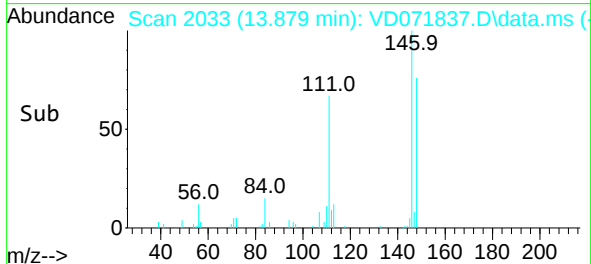
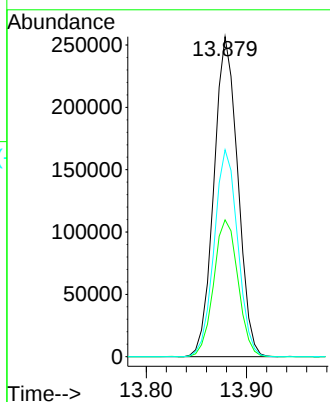
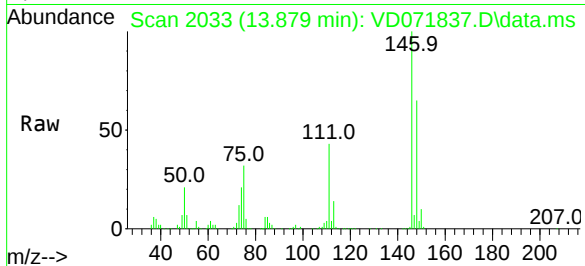




#91  
1,2-Dichlorobenzene  
Concen: 51.779 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

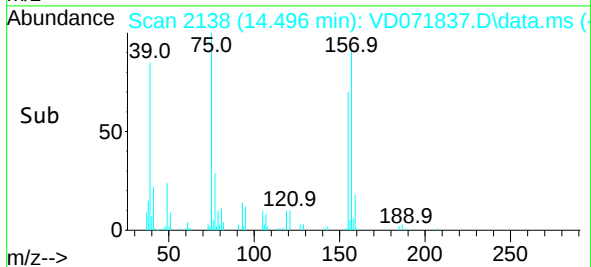
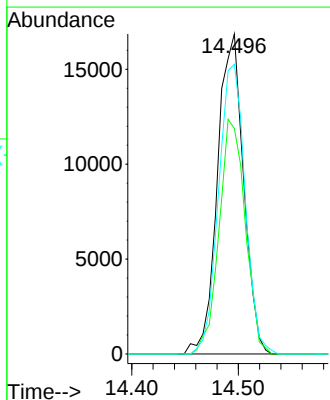
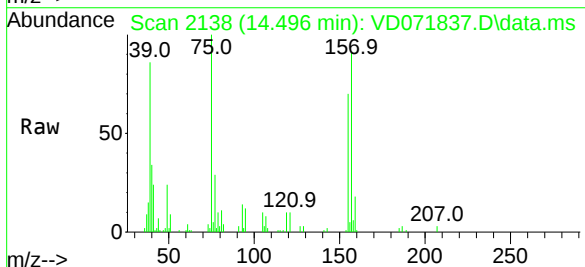
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

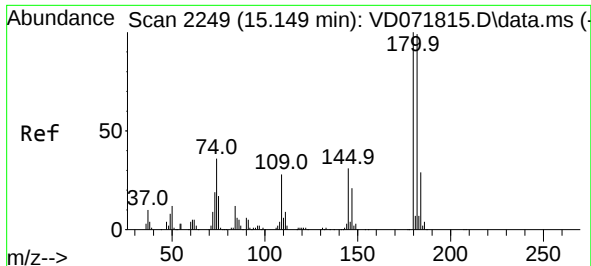
Tgt Ion:146 Resp: 423919  
Ion Ratio Lower Upper  
146 100  
111 43.6 21.1 63.3  
148 64.1 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 44.122 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion: 75 Resp: 28640  
Ion Ratio Lower Upper  
75 100  
155 73.5 36.8 110.3  
157 92.2 48.4 145.0

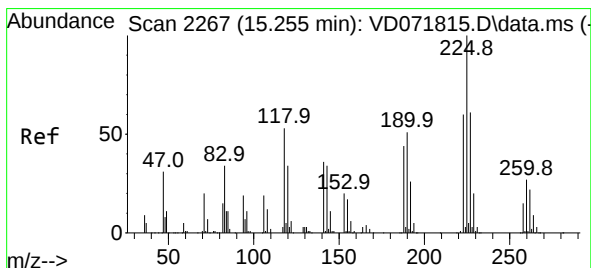
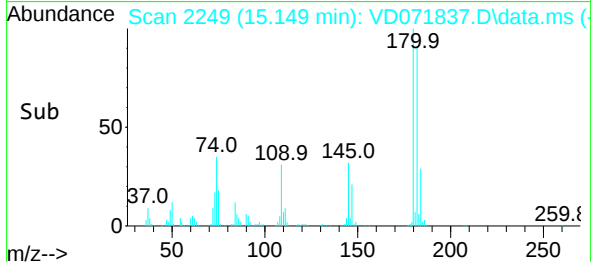
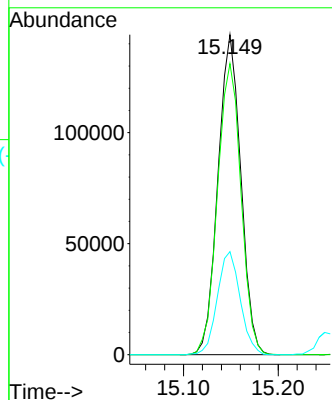
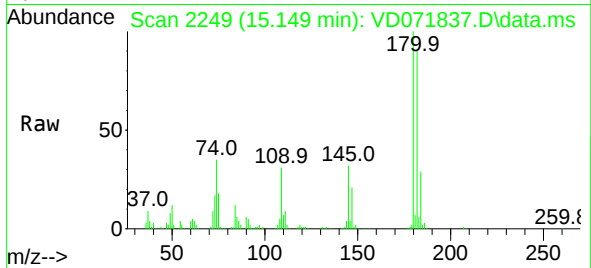




#93  
1,2,4-Trichlorobenzene  
Concen: 50.535 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

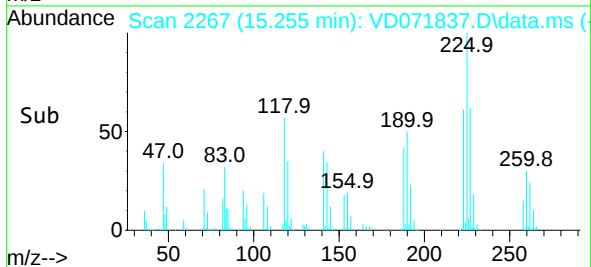
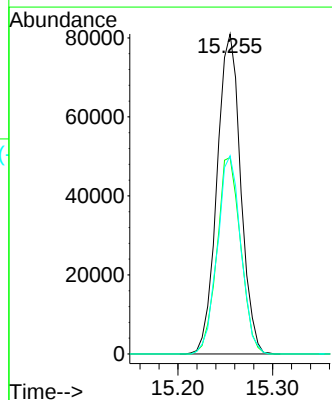
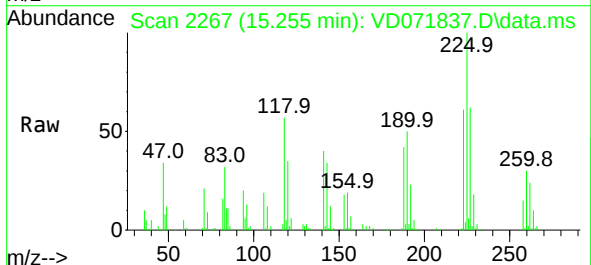
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

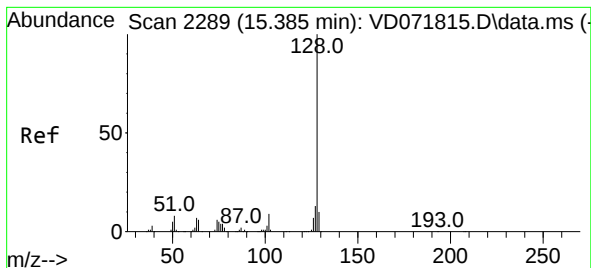
Tgt Ion:180 Resp: 241694  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.3 142.0  
145 32.3 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 53.905 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.006 min  
Lab File: VD071837.D  
Acq: 31 Jan 2022 10:31

Tgt Ion:225 Resp: 140575  
Ion Ratio Lower Upper  
225 100  
223 61.5 31.1 93.2  
227 61.5 32.4 97.0





#95

Naphthalene

Concen: 43.948 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

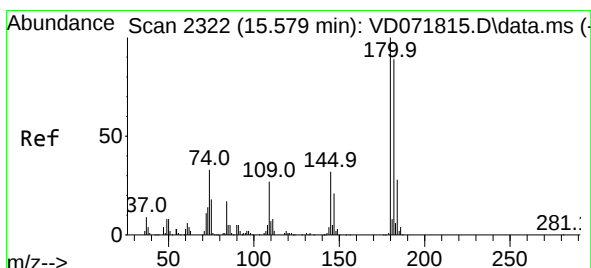
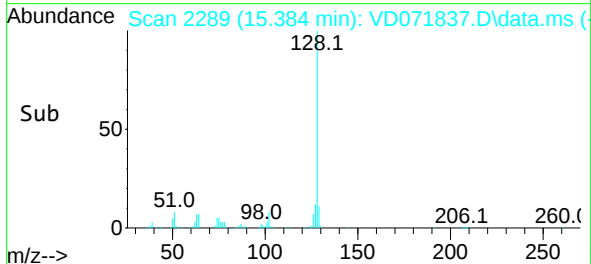
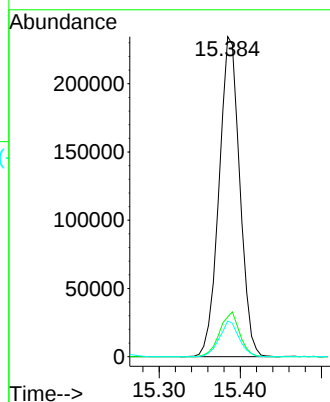
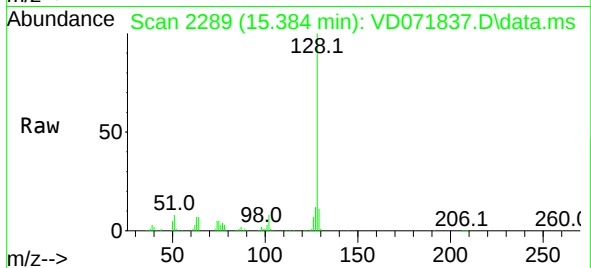
Tgt Ion:128 Resp: 415845

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.457 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD071837.D

Acq: 31 Jan 2022 10:31

Tgt Ion:180 Resp: 206843

Ion Ratio Lower Upper

180 100

182 93.0 47.6 142.9

145 33.7 17.1 51.3

