

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083122\  
 Data File : VN074227.D  
 Acq On : 31 Aug 2022 20:30  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Sep 01 00:30:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 199690   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 371014   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.680 | 117  | 348340   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152  | 160015   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.363  | 65    | 169483   | 54.713   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 109.420% |      |
| 35) Dibromofluoromethane    | 7.951  | 113   | 125970   | 52.177   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.360% |      |
| 50) Toluene-d8              | 10.381 | 98    | 512512   | 53.905   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 107.820% |      |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 171084   | 59.171   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 118.340% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 89040   | 43.093  | ug/l   | 93  |
| 3) Chloromethane             | 2.269 | 50  | 156165  | 53.659  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.405 | 62  | 156448  | 54.098  | ug/l   | 100 |
| 5) Bromomethane              | 2.787 | 94  | 77870   | 49.250  | ug/l   | 97  |
| 6) Chloroethane              | 2.958 | 64  | 104770  | 55.197  | ug/l   | 91  |
| 7) Trichlorofluoromethane    | 3.310 | 101 | 224469  | 50.774  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.763 | 74  | 83032   | 44.163  | ug/l   | 72  |
| 9) 1,1,2-Trichlorotrifluo... | 4.134 | 101 | 103669  | 41.061  | ug/l   | 91  |
| 10) Methyl Iodide            | 4.352 | 142 | 108257  | 53.124  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 5.287 | 59  | 172023  | 247.019 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.110 | 96  | 103474  | 44.196  | ug/l   | 92  |
| 13) Acrolein                 | 3.981 | 56  | 187971  | 274.504 | ug/l   | 96  |
| 14) Allyl chloride           | 4.757 | 41  | 252880  | 48.436  | ug/l # | 93  |
| 15) Acrylonitrile            | 5.475 | 53  | 541782  | 242.097 | ug/l   | 99  |
| 16) Acetone                  | 4.216 | 43  | 479707  | 231.753 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.457 | 76  | 299280  | 44.916  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.769 | 43  | 284971  | 54.550  | ug/l # | 85  |
| 19) Methyl tert-butyl Ether  | 5.534 | 73  | 428218  | 49.446  | ug/l   | 94  |
| 20) Methylene Chloride       | 5.010 | 84  | 135369  | 48.681  | ug/l # | 81  |
| 21) trans-1,2-Dichloroethene | 5.510 | 96  | 116547  | 43.130  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.410 | 45  | 546694  | 51.394  | ug/l # | 91  |
| 23) Vinyl Acetate            | 6.351 | 43  | 2438275 | 271.490 | ug/l # | 90  |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 255074  | 48.607  | ug/l   | 96  |
| 25) 2-Butanone               | 7.257 | 43  | 827879  | 250.019 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.251 | 77  | 138237  | 40.899  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.251 | 96  | 143387  | 47.507  | ug/l   | 93  |
| 28) Bromochloromethane       | 7.587 | 49  | 100889  | 57.821  | ug/l # | 70  |
| 29) Tetrahydrofuran          | 7.610 | 42  | 571151  | 270.842 | ug/l # | 82  |
| 30) Chloroform               | 7.745 | 83  | 252720  | 47.242  | ug/l   | 99  |
| 31) Cyclohexane              | 8.022 | 56  | 254574  | 49.739  | ug/l # | 82  |
| 32) 1,1,1-Trichloroethane    | 7.945 | 97  | 197287  | 47.954  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 183546  | 46.856  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.340 | 43  | 325296  | 49.656  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 8.134 | 117 | 162973  | 45.681  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.392 | 83  | 215449  | 46.853  | ug/l   | 90  |
| 40) Benzene                  | 8.392 | 78  | 598668  | 48.674  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083122\  
 Data File : VN074227.D  
 Acq On : 31 Aug 2022 20:30  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 01 00:30:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.563  | 41   | 159024   | 52.589  | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 205042   | 46.844  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.492  | 43   | 455744   | 51.750  | ug/l # | 91       |
| 44) Trichloroethene           | 9.145  | 130  | 119988   | 43.657  | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 9.428  | 63   | 160290   | 48.268  | ug/l   | 99       |
| 46) Dibromomethane            | 9.510  | 93   | 99700    | 44.952  | ug/l # | 86       |
| 47) Bromodichloromethane      | 9.698  | 83   | 194862   | 44.834  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.498  | 41   | 203077   | 48.545  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 78433    | 869.045 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 1636922  | 256.109 | ug/l   | 89       |
| 52) Toluene                   | 10.445 | 92   | 361605   | 49.879  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.663 | 75   | 207906   | 50.451  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.128 | 75   | 220050   | 47.696  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 148688   | 47.415  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.698 | 69   | 262131   | 55.148  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 10.986 | 76   | 264930   | 48.612  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.981  | 63   | 653275   | 271.691 | ug/l   | 89       |
| 59) 2-Hexanone                | 11.028 | 43   | 1270829  | 262.004 | ug/l   | 87       |
| 60) Dibromochloromethane      | 11.181 | 129  | 140320   | 47.773  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 149286   | 49.821  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.916 | 164  | 103562   | 41.045  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.710 | 112  | 360269   | 45.961  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 130261   | 46.755  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.780 | 91   | 693274   | 49.285  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.892 | 106  | 518894   | 99.298  | ug/l   | 96       |
| 69) o-Xylene                  | 12.222 | 106  | 261114   | 50.148  | ug/l   | 98       |
| 70) Styrene                   | 12.233 | 104  | 439705   | 53.006  | ug/l   | 99       |
| 71) Bromoform                 | 12.398 | 173  | 101420   | 42.977  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.516 | 105  | 667166   | 48.685  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.327 | 43   | 387204   | 49.941  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.769 | 83   | 260574   | 45.851  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.822 | 75   | 309296   | 82.444  | ug/l # | 1        |
| 77) Bromobenzene              | 12.798 | 156  | 145897   | 45.514  | ug/l   | 80       |
| 78) n-propylbenzene           | 12.857 | 91   | 803950   | 51.468  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 463459   | 48.439  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 549261   | 49.284  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.563 | 75   | 74999    | 48.650  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 441155   | 47.651  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 484408   | 50.812  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 551124   | 51.238  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 698888   | 52.261  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 550830   | 52.935  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 272207   | 47.637  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 276395   | 46.755  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.880 | 91   | 481392   | 53.118  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.151 | 117  | 94314    | 43.964  | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 276543   | 45.911  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.539 | 75   | 52225    | 45.977  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.192 | 180  | 142579   | 48.391  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 57652    | 39.789  | ug/l   | 99       |
| 95) Naphthalene               | 15.433 | 128  | 607785   | 50.055  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 145179   | 47.565  | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083122\  
Data File : VN074227.D  
Acq On : 31 Aug 2022 20:30  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

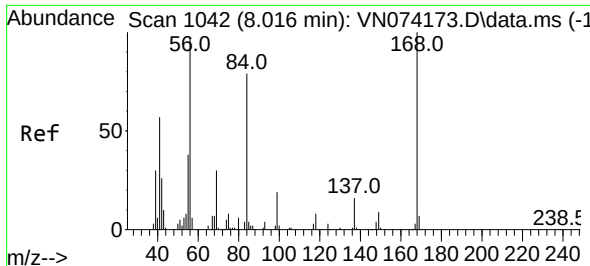
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 31 07:02:40 2022  
Response via : Initial Calibration

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

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

Quant Time: Sep 01 00:30:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 31 07:02:40 2022  
Response via : Initial Calibration

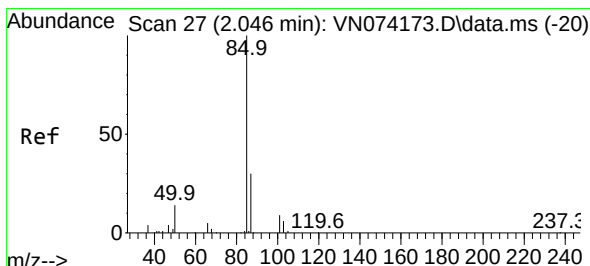
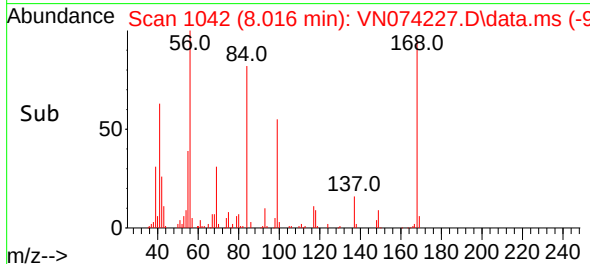
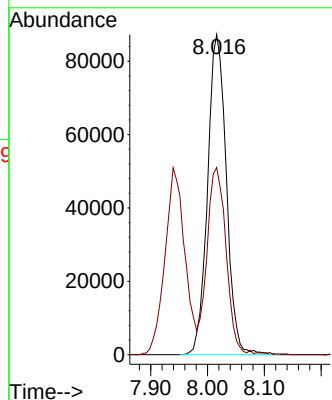
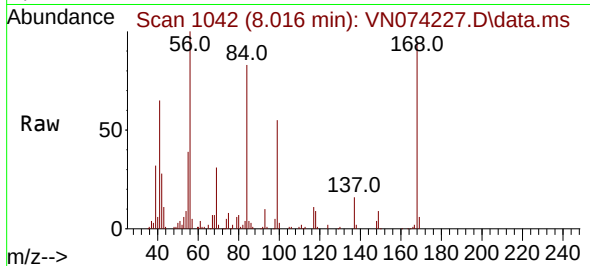




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

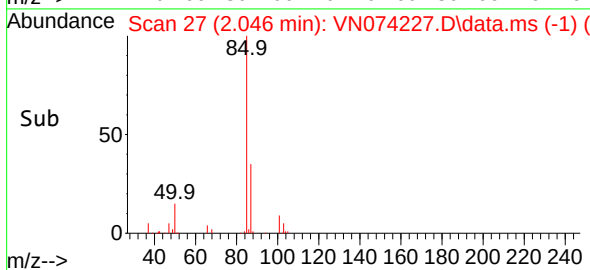
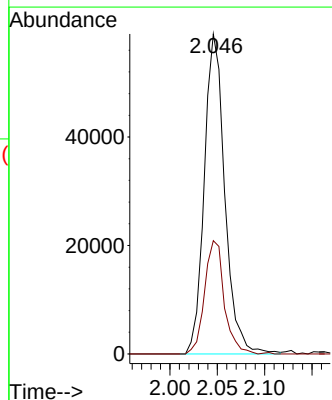
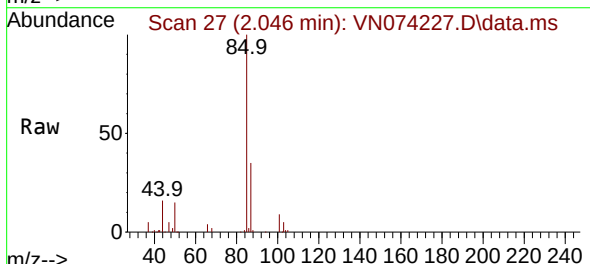
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

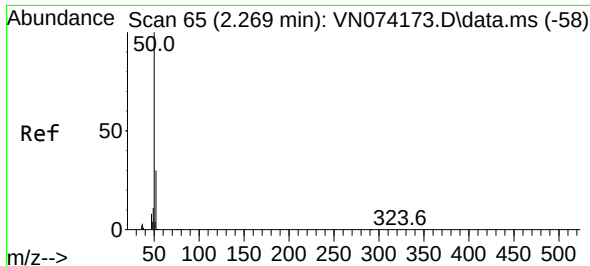
Tgt Ion:168 Resp: 199690  
Ion Ratio Lower Upper  
168 100  
99 58.2 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 43.093 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 85 Resp: 89040  
Ion Ratio Lower Upper  
85 100  
87 35.4 15.7 47.1

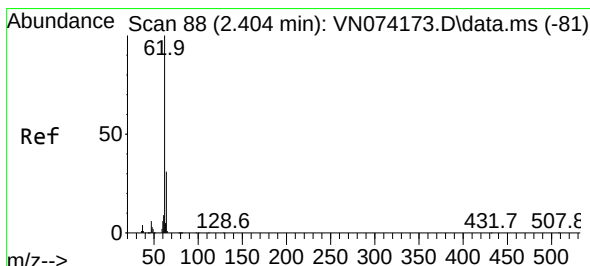
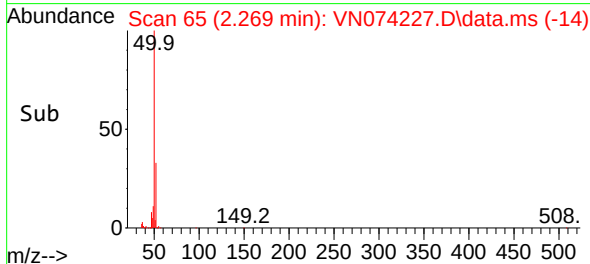
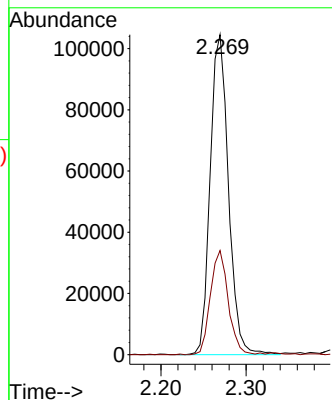
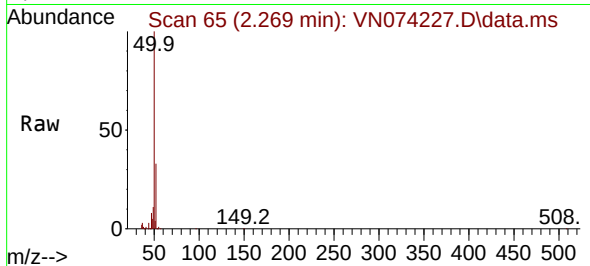




#3  
Chloromethane  
Concen: 53.659 ug/l  
RT: 2.269 min Scan# 65  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

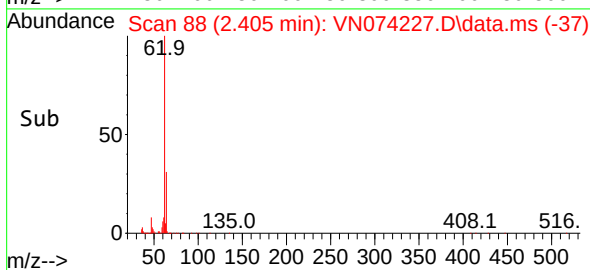
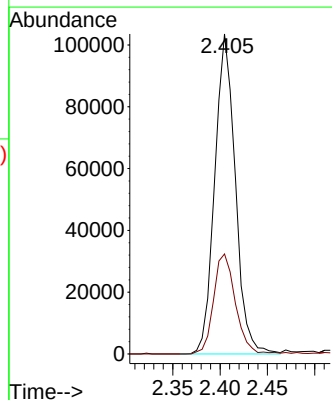
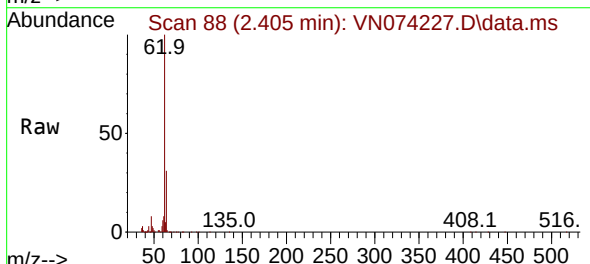
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

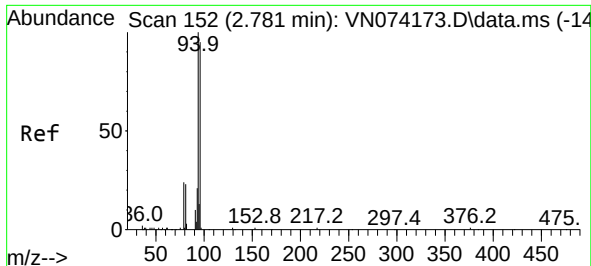
Tgt Ion: 50 Resp: 156165  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.7 38.5



#4  
Vinyl Chloride  
Concen: 54.098 ug/l  
RT: 2.405 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 62 Resp: 156448  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.0 37.4

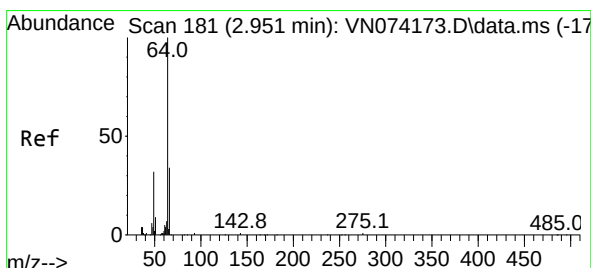
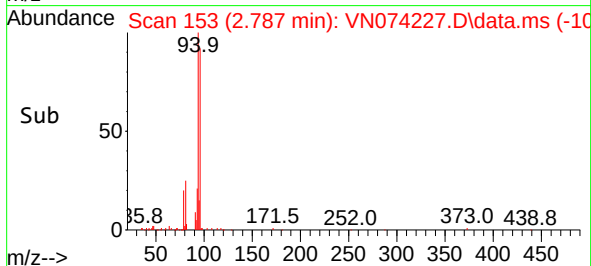
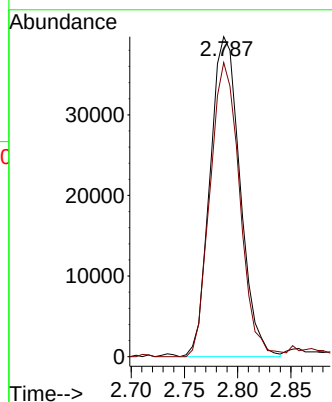
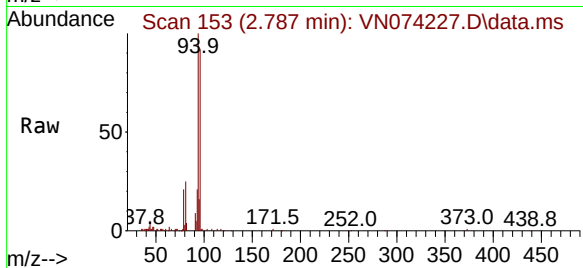




#5  
Bromomethane  
Concen: 49.250 ug/l  
RT: 2.787 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

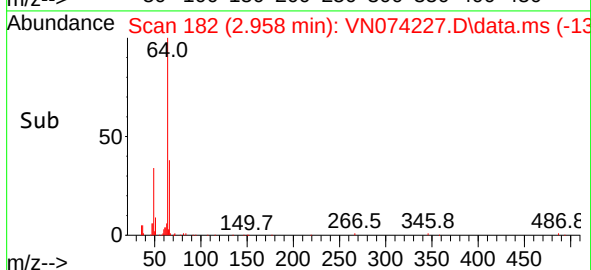
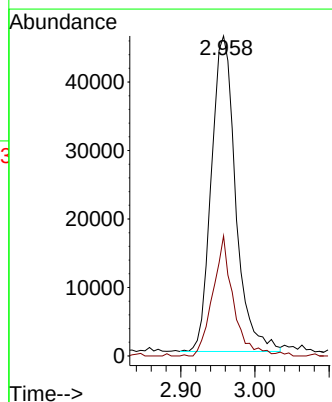
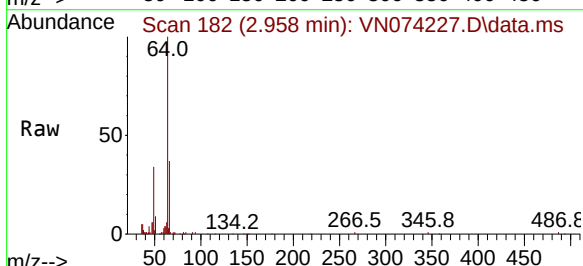
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

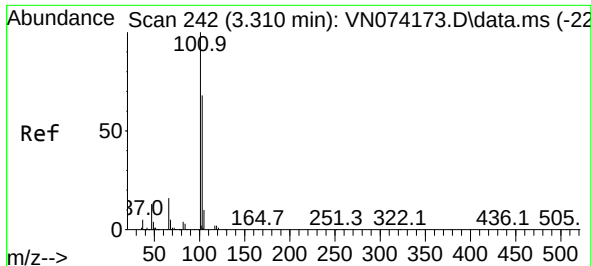
Tgt Ion: 94 Resp: 77870  
Ion Ratio Lower Upper  
94 100  
96 91.9 76.0 114.0



#6  
Chloroethane  
Concen: 55.197 ug/l  
RT: 2.958 min Scan# 182  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 64 Resp: 104770  
Ion Ratio Lower Upper  
64 100  
66 38.0 26.2 39.4

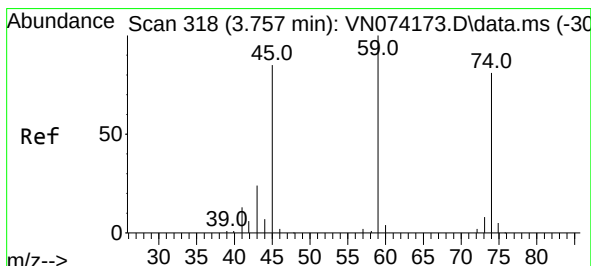
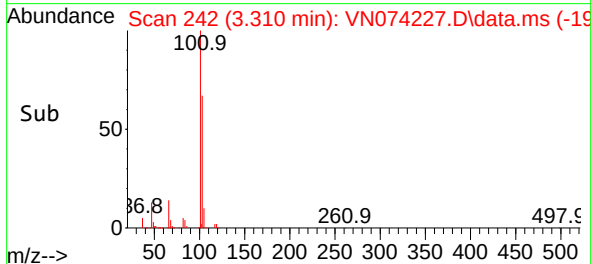
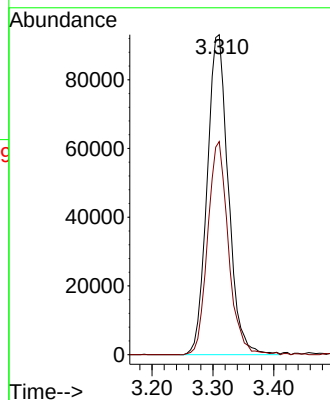
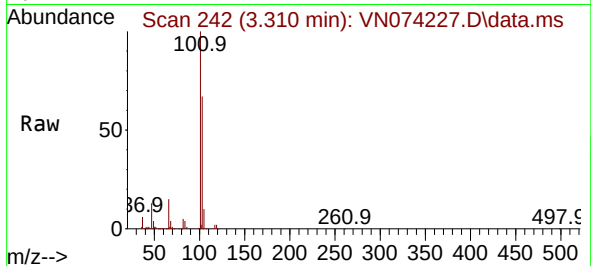




#7  
 Trichlorofluoromethane  
 Concen: 50.774 ug/l  
 RT: 3.310 min Scan# 242  
 Delta R.T. 0.000 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

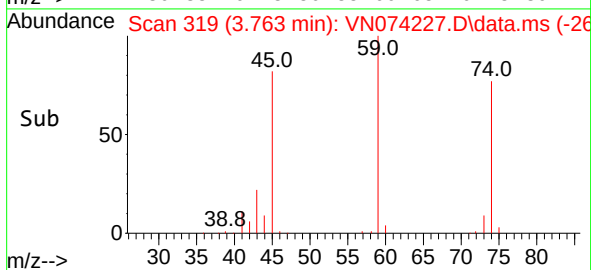
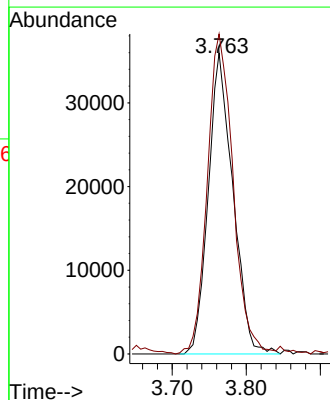
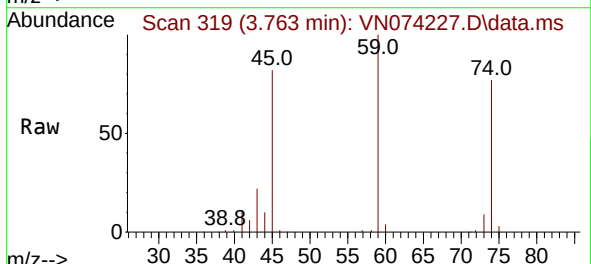
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 224469  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 51.5 77.3

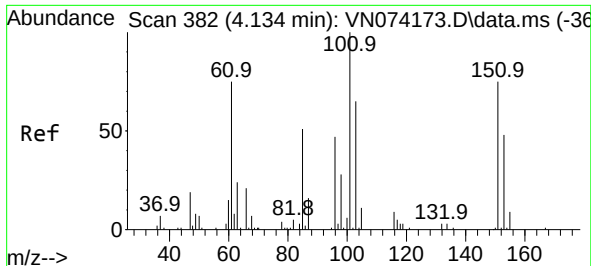


#8  
 Diethyl Ether  
 Concen: 44.163 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. 0.006 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

Tgt Ion: 74 Resp: 83032  
 Ion Ratio Lower Upper  
 74 100  
 45 111.2 42.9 128.5



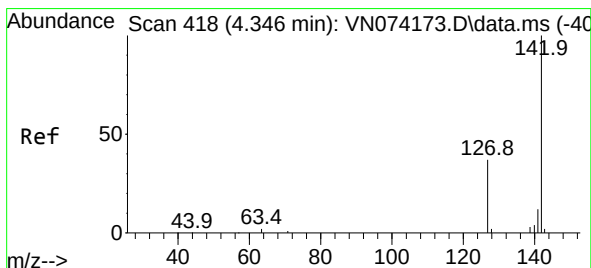
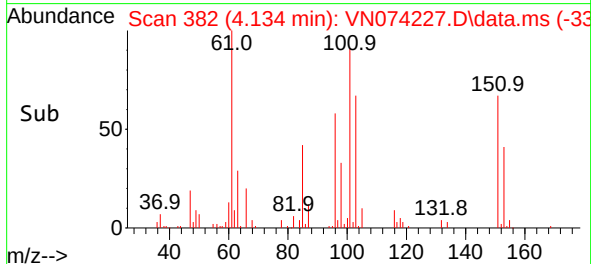
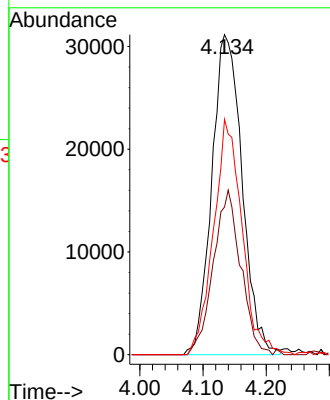
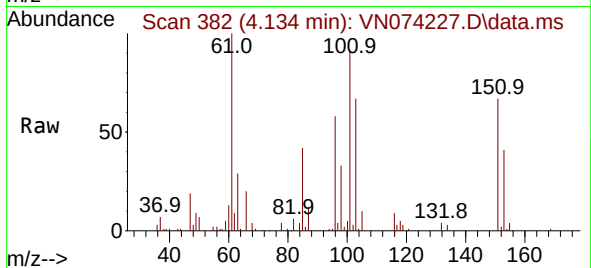




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 41.061 ug/l  
RT: 4.134 min Scan# 382  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

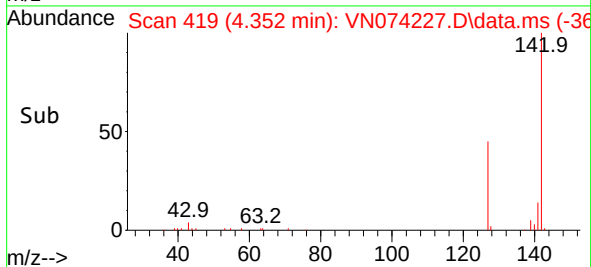
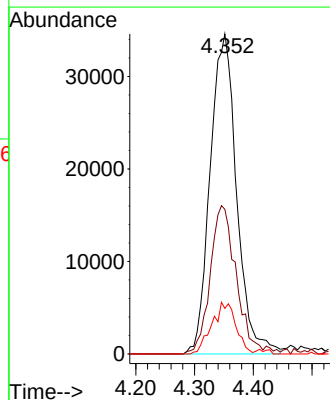
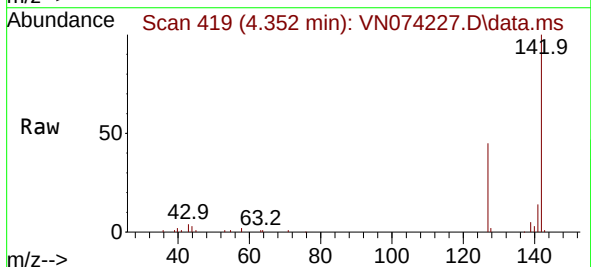
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

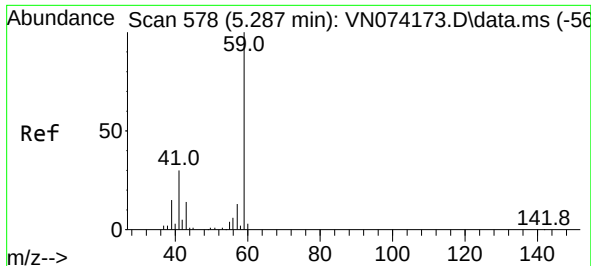
Tgt Ion:101 Resp: 103669  
Ion Ratio Lower Upper  
101 100  
85 46.7 34.7 52.1  
151 69.2 63.0 94.4



#10  
Methyl Iodide  
Concen: 53.124 ug/l  
RT: 4.352 min Scan# 419  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion:142 Resp: 108257  
Ion Ratio Lower Upper  
142 100  
127 45.8 31.3 46.9  
141 14.7 11.2 16.8

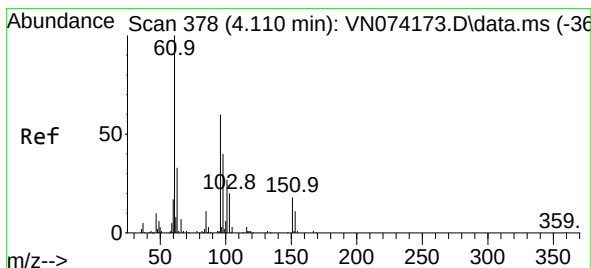
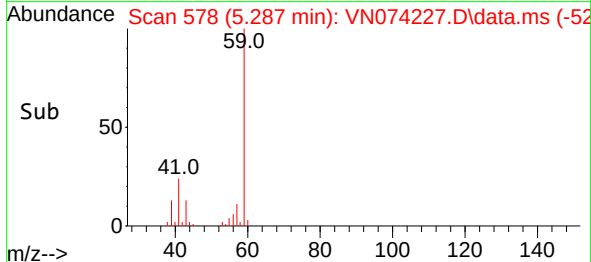
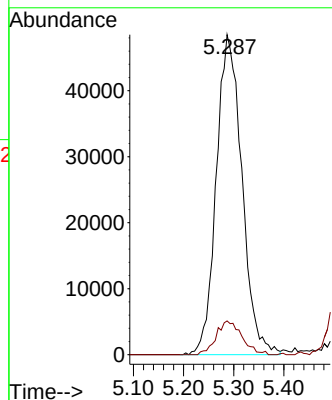
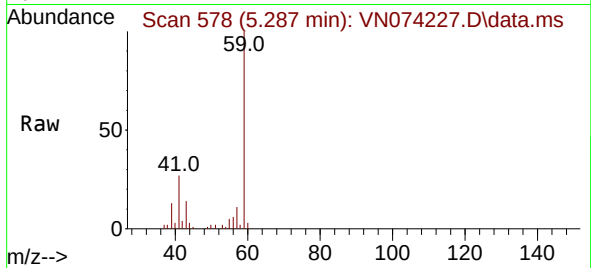




#11  
Tert butyl alcohol  
Concen: 247.019 ug/l  
RT: 5.287 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

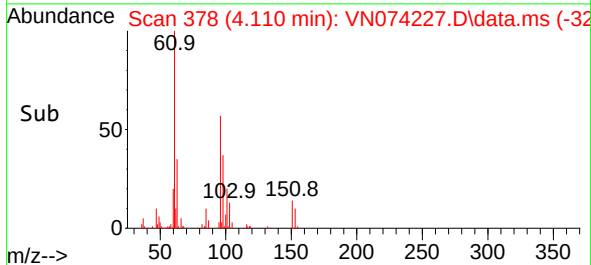
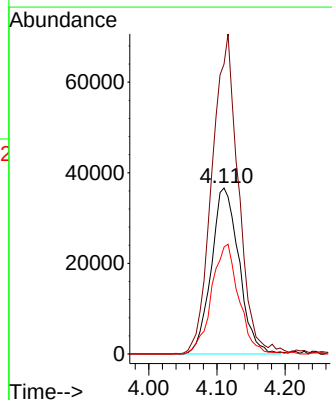
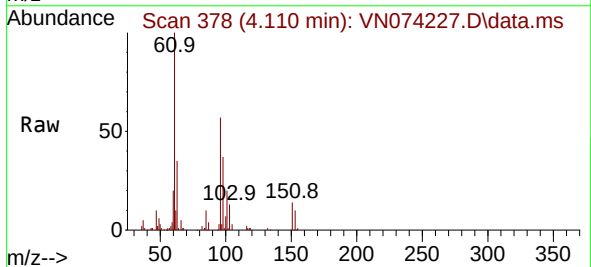
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

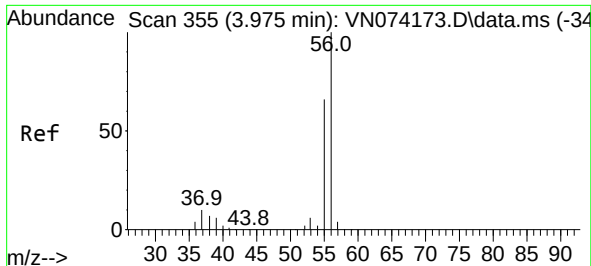
Tgt Ion: 59 Resp: 172023  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 44.196 ug/l  
RT: 4.110 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 96 Resp: 103474  
Ion Ratio Lower Upper  
96 100  
61 174.7 127.6 191.4  
98 64.4 51.2 76.8

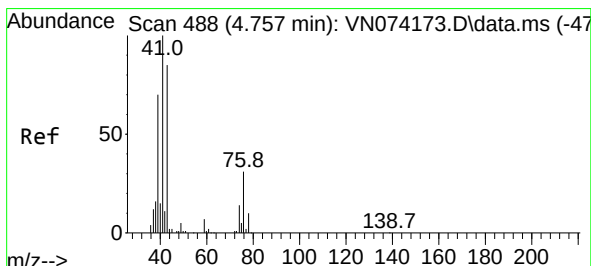
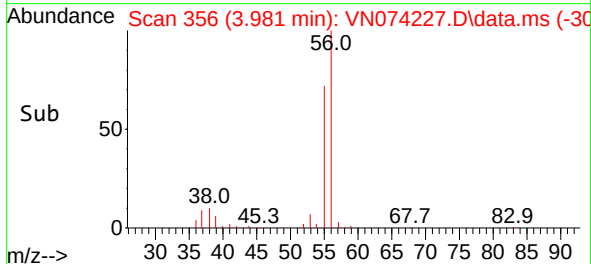
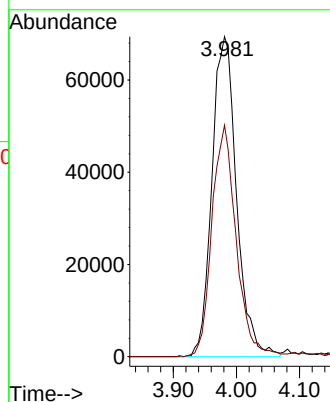
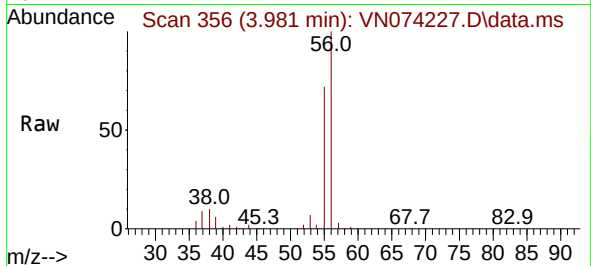




#13  
Acrolein  
Concen: 274.504 ug/l  
RT: 3.981 min Scan# 356  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

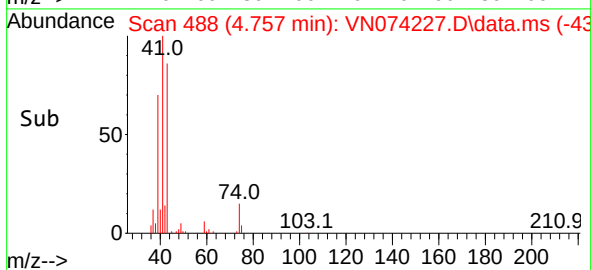
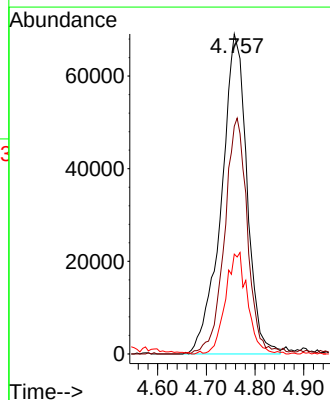
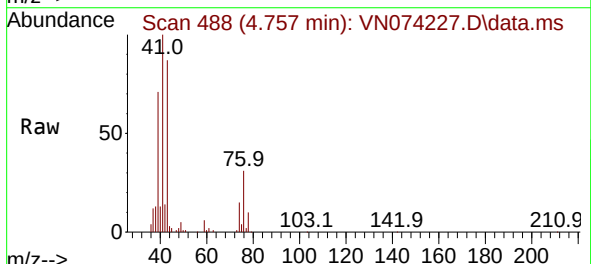
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

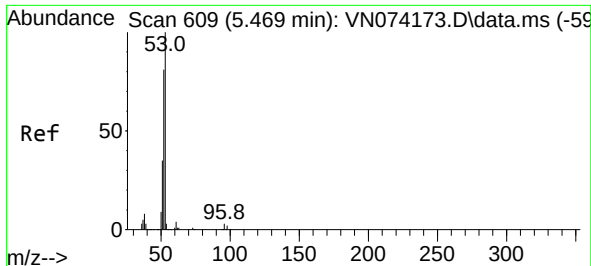
Tgt Ion: 56 Resp: 187971  
Ion Ratio Lower Upper  
56 100  
55 71.4 54.8 82.2



#14  
Allyl chloride  
Concen: 48.436 ug/l  
RT: 4.757 min Scan# 488  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 41 Resp: 252880  
Ion Ratio Lower Upper  
41 100  
39 66.0 53.2 79.8  
76 26.6 29.9 44.9#

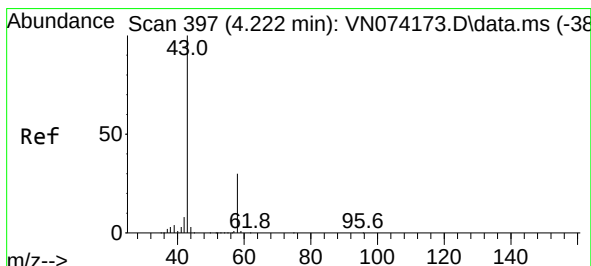
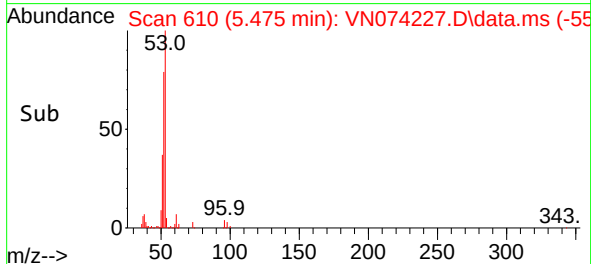
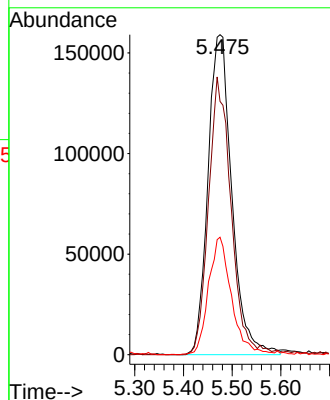
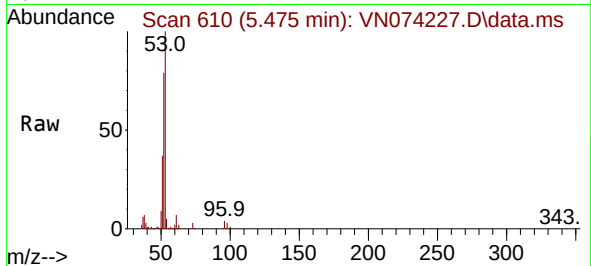




#15  
Acrylonitrile  
Concen: 242.097 ug/l  
RT: 5.475 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

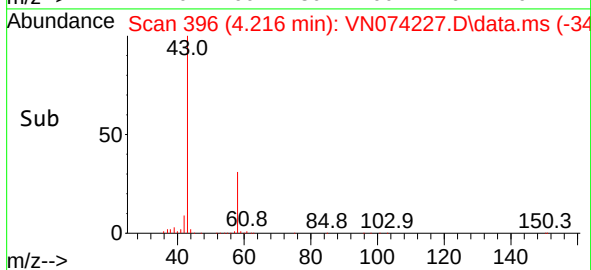
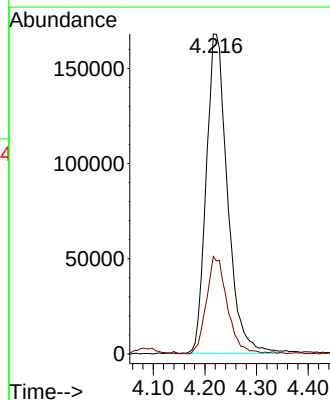
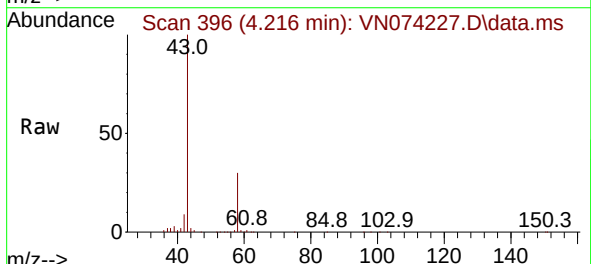
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

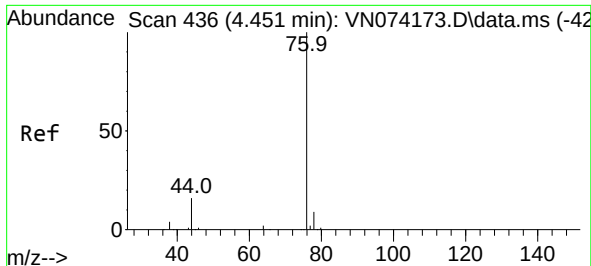
Tgt Ion: 53 Resp: 541782  
Ion Ratio Lower Upper  
53 100  
52 81.7 66.4 99.6  
51 35.3 28.5 42.7



#16  
Acetone  
Concen: 231.753 ug/l  
RT: 4.216 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 43 Resp: 479707  
Ion Ratio Lower Upper  
43 100  
58 30.4 26.0 39.0

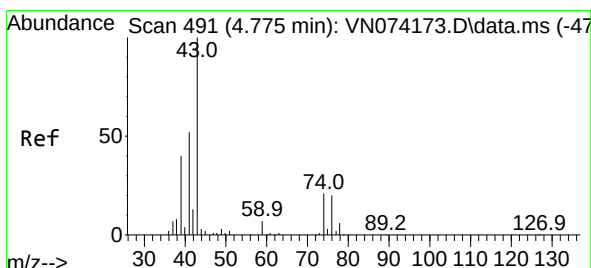
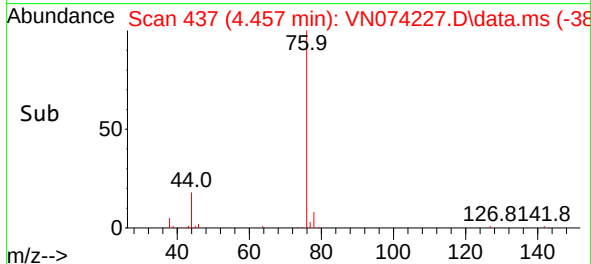
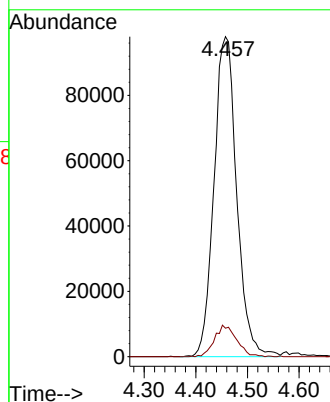
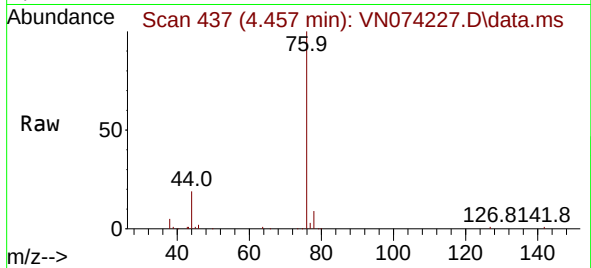




#17  
Carbon Disulfide  
Concen: 44.916 ug/l  
RT: 4.457 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

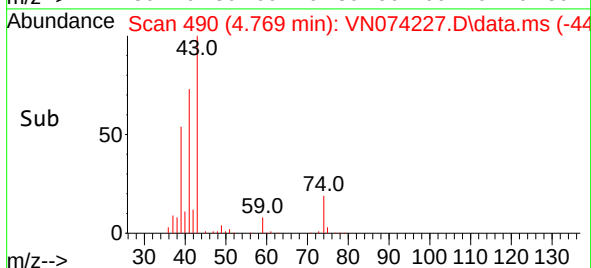
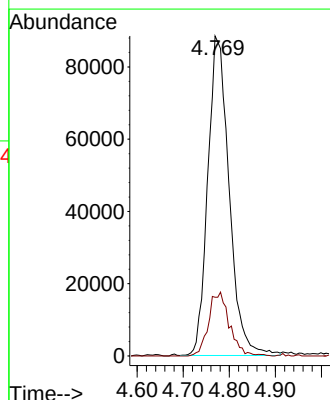
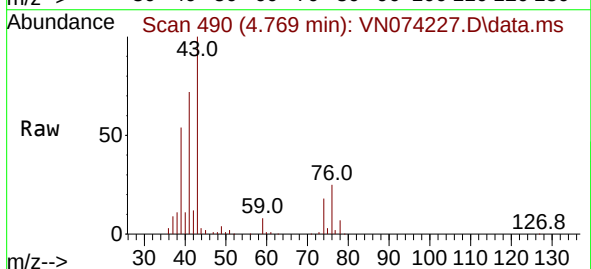
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

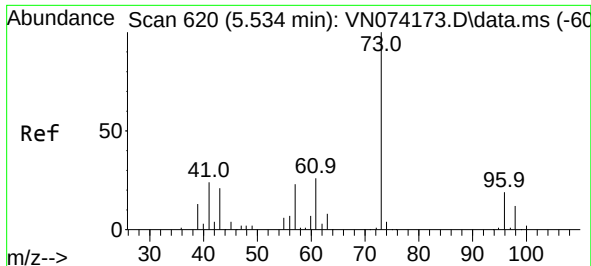
Tgt Ion: 76 Resp: 299280  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 54.550 ug/l  
RT: 4.769 min Scan# 490  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 43 Resp: 284971  
Ion Ratio Lower Upper  
43 100  
74 19.4 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 49.446 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

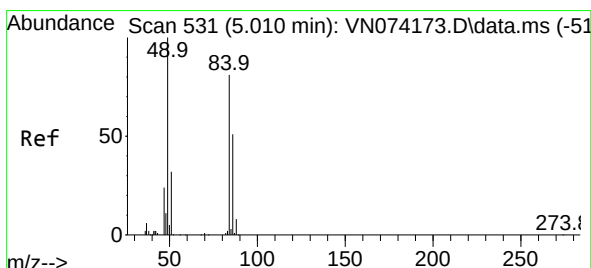
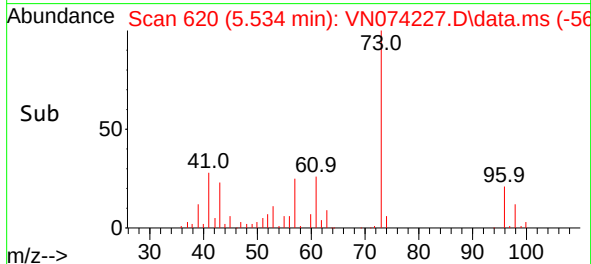
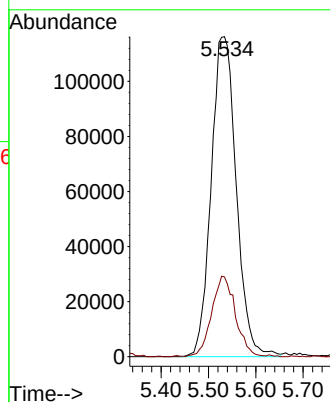
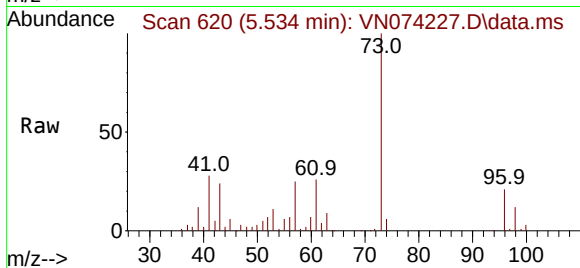
VSTDCCC050EC

Tgt Ion: 73 Resp: 428218

Ion Ratio Lower Upper

73 100

57 24.9 17.6 26.4



#20

Methylene Chloride

Concen: 48.681 ug/l

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Tgt Ion: 84 Resp: 135369

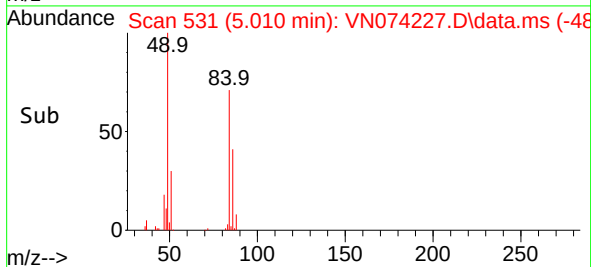
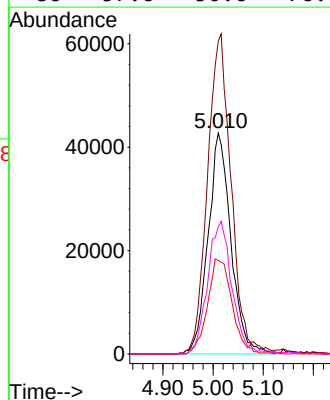
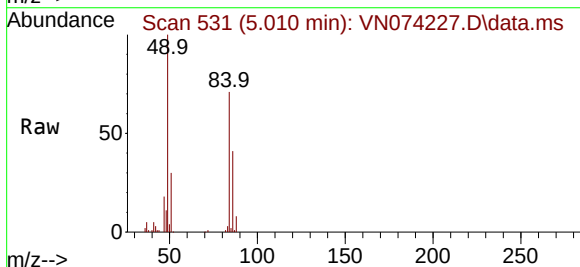
Ion Ratio Lower Upper

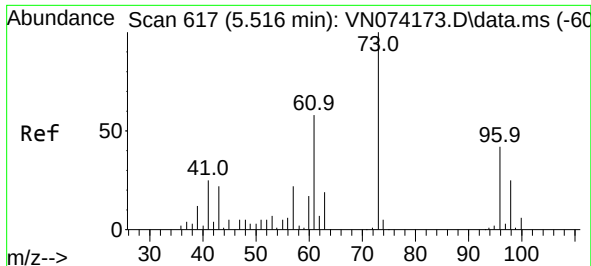
84 100

49 141.1 88.3 132.5#

51 42.0 28.2 42.2

86 57.6 50.6 76.0

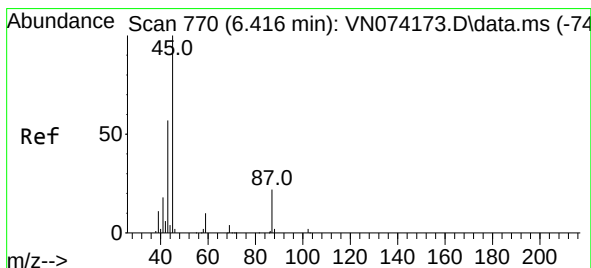
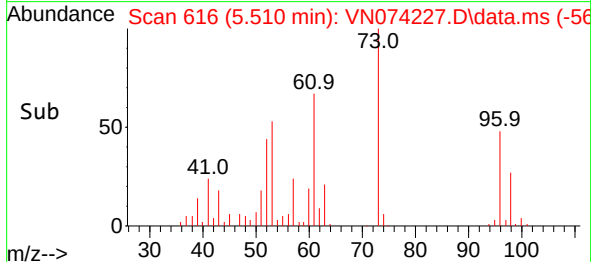
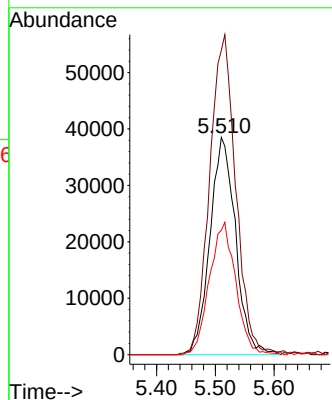
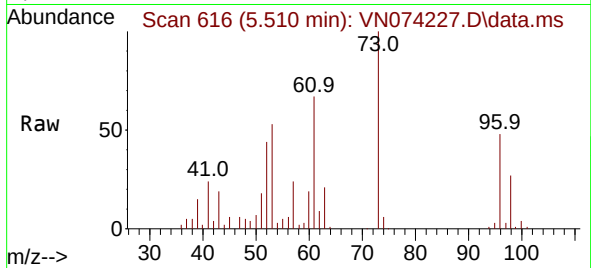




#21  
trans-1,2-Dichloroethene  
Concen: 43.130 ug/l  
RT: 5.510 min Scan# 617  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

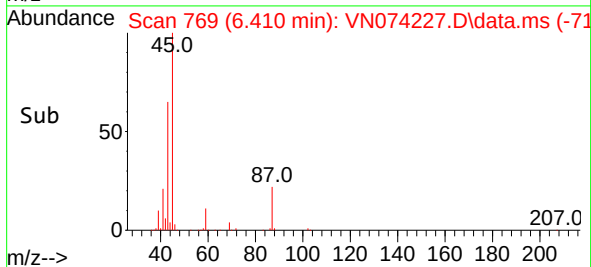
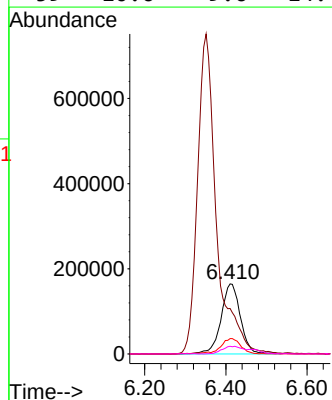
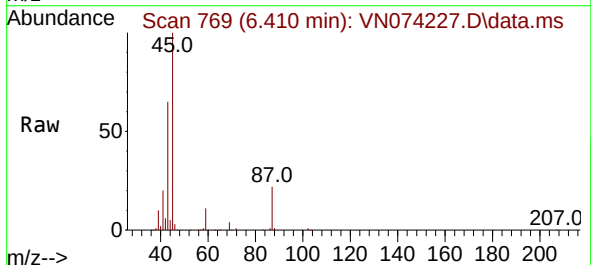
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

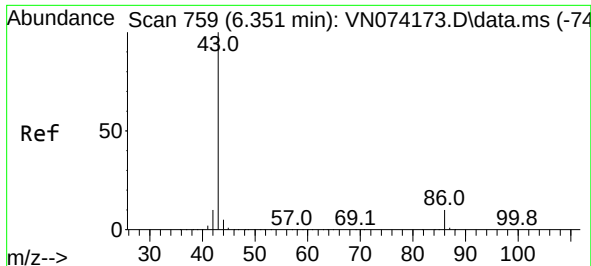
Tgt Ion: 96 Resp: 116547  
Ion Ratio Lower Upper  
96 100  
61 139.6 105.8 158.8  
98 57.3 50.3 75.5



#22  
Diisopropyl ether  
Concen: 51.394 ug/l  
RT: 6.410 min Scan# 769  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 45 Resp: 546694  
Ion Ratio Lower Upper  
45 100  
43 63.7 46.6 70.0  
87 21.9 24.3 36.5#  
59 10.6 9.6 14.4

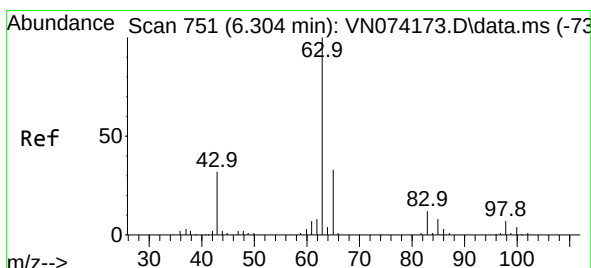
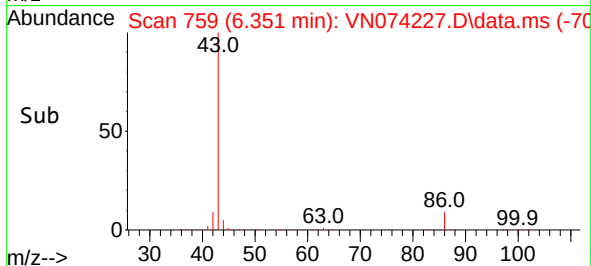
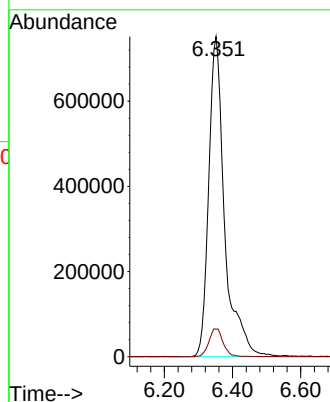
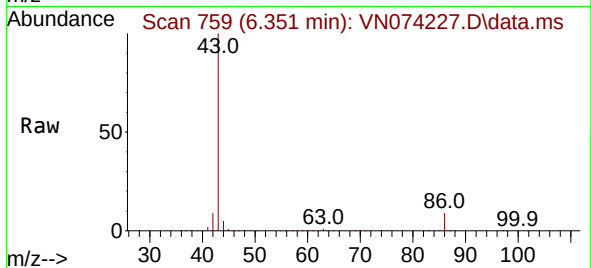




#23  
 Vinyl Acetate  
 Concen: 271.490 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. 0.000 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

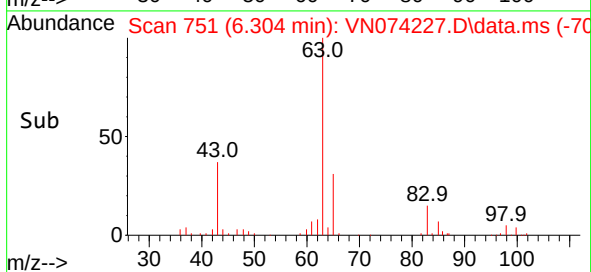
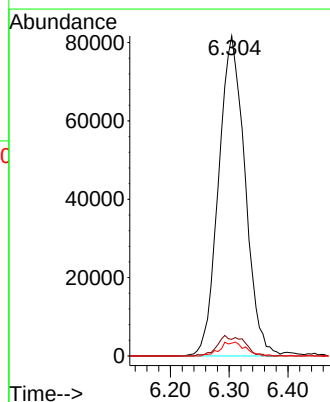
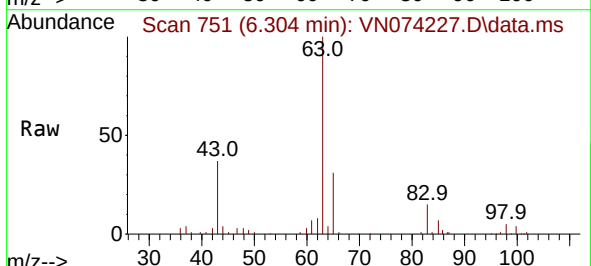
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2438275  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 10.0 15.0#

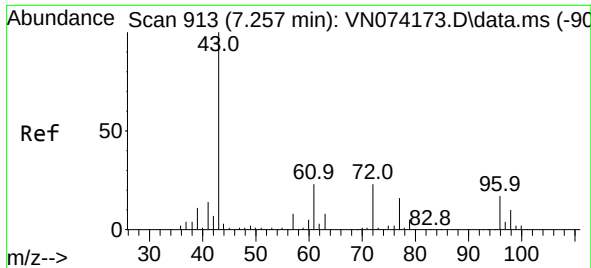


#24  
 1,1-Dichloroethane  
 Concen: 48.607 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. 0.000 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

Tgt Ion: 63 Resp: 255074  
 Ion Ratio Lower Upper  
 63 100  
 98 5.2 3.5 10.4  
 100 4.0 2.3 6.8



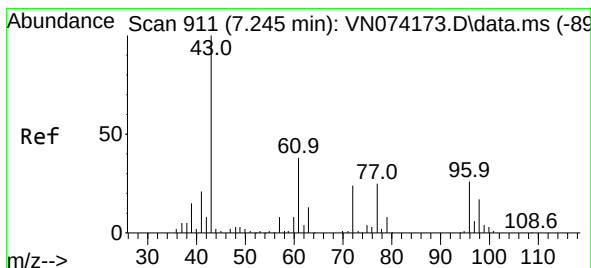
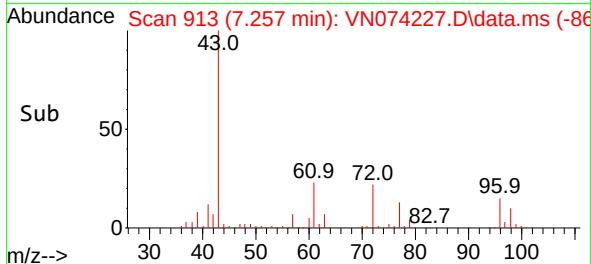
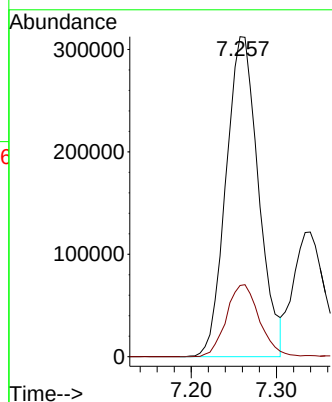
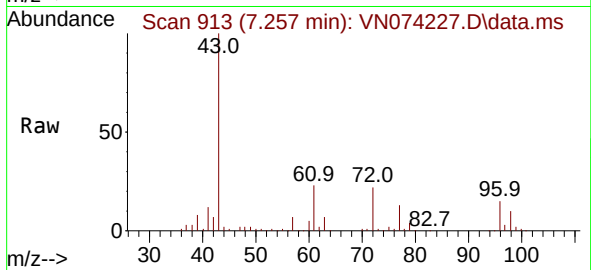




#25  
2-Butanone  
Concen: 250.019 ug/l  
RT: 7.257 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

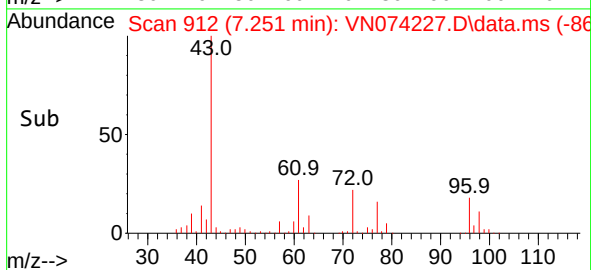
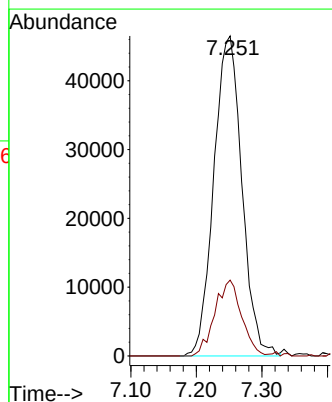
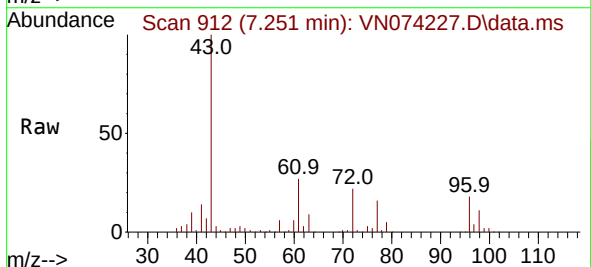
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

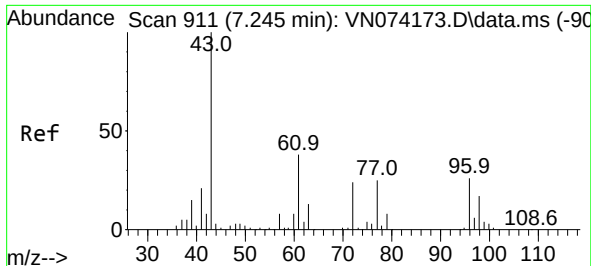
Tgt Ion: 43 Resp: 827879  
Ion Ratio Lower Upper  
43 100  
72 22.2 23.7 35.5#



#26  
2,2-Dichloropropane  
Concen: 40.899 ug/l  
RT: 7.251 min Scan# 912  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 77 Resp: 138237  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.4 34.2

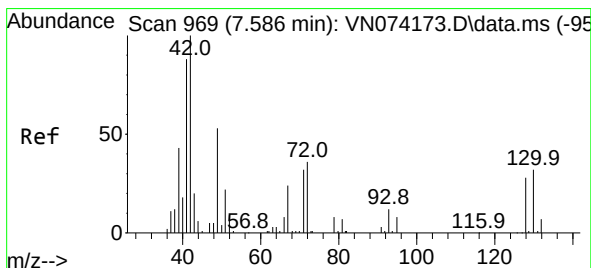
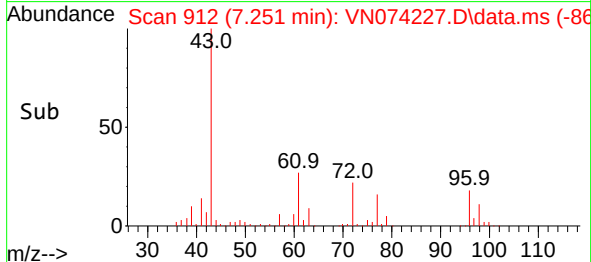
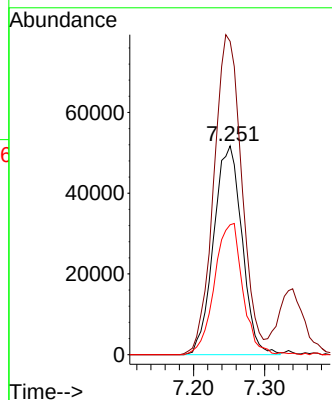
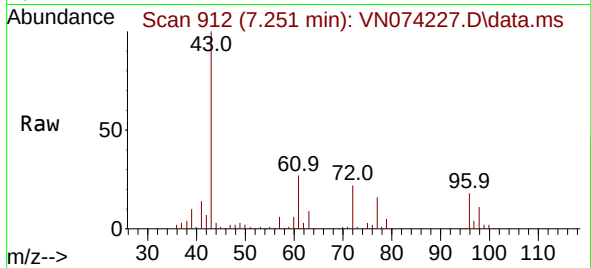




#27  
 cis-1,2-Dichloroethene  
 Concen: 47.507 ug/l  
 RT: 7.251 min Scan# 911  
 Delta R.T. 0.006 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

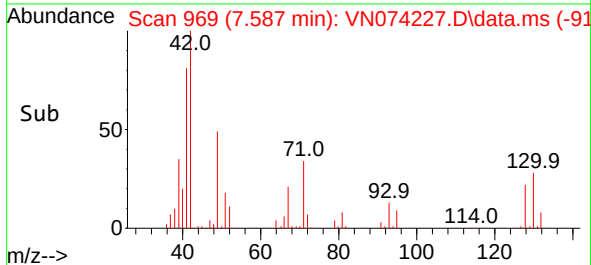
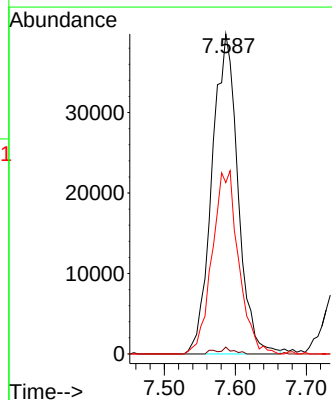
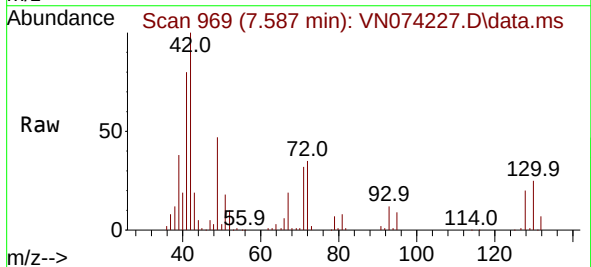
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

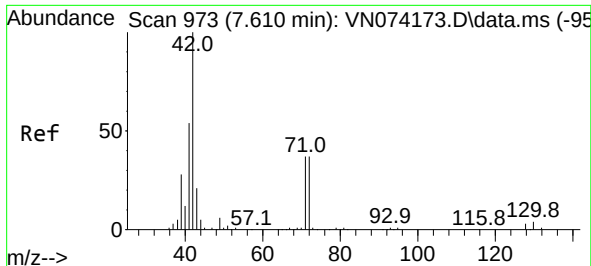
Tgt Ion: 96 Resp: 143387  
 Ion Ratio Lower Upper  
 96 100  
 61 151.3 0.0 280.6  
 98 62.3 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 57.821 ug/l  
 RT: 7.587 min Scan# 969  
 Delta R.T. 0.001 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

Tgt Ion: 49 Resp: 100889  
 Ion Ratio Lower Upper  
 49 100  
 129 0.9 0.0 4.6  
 130 58.3 69.7 104.5#





#29

Tetrahydrofuran

Concen: 270.842 ug/l

RT: 7.610 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

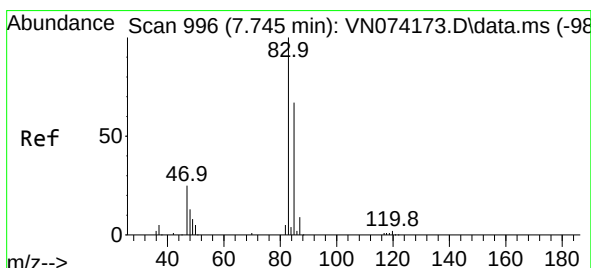
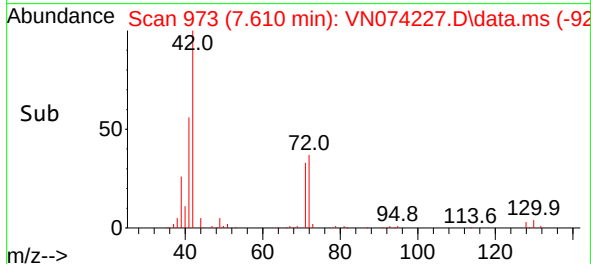
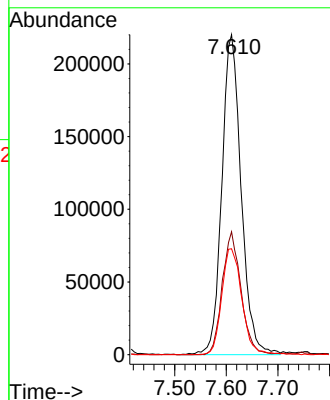
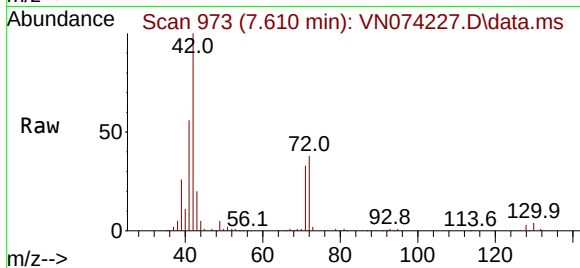
Tgt Ion: 42 Resp: 571151

Ion Ratio Lower Upper

42 100

72 37.1 39.7 59.5#

71 34.6 36.6 55.0#



#30

Chloroform

Concen: 47.242 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074227.D

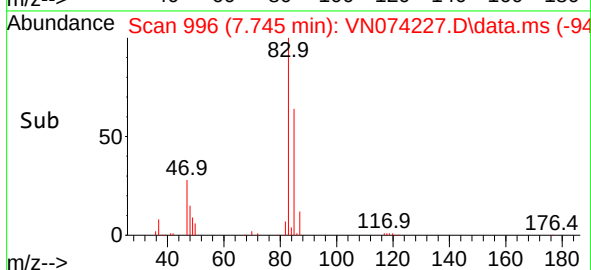
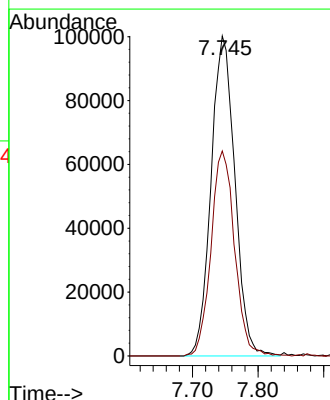
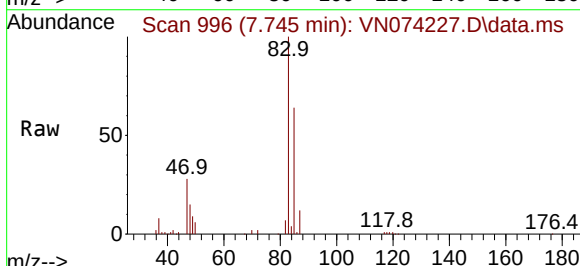
Acq: 31 Aug 2022 20:30

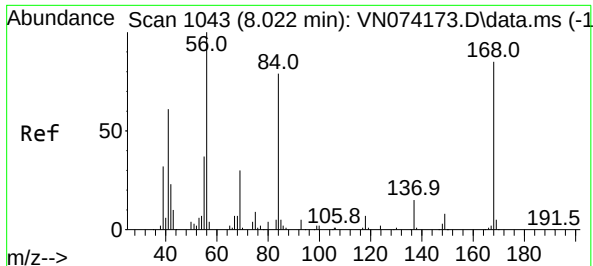
Tgt Ion: 83 Resp: 252720

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.8

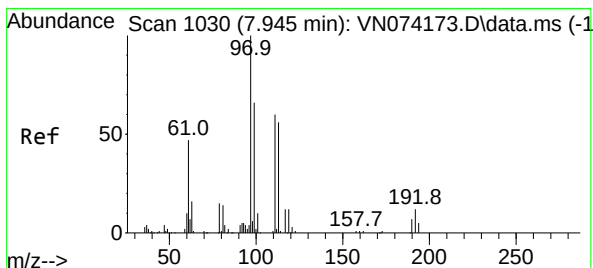
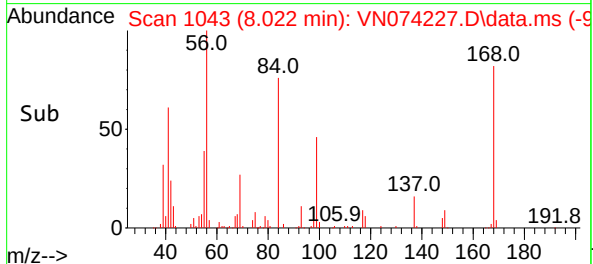
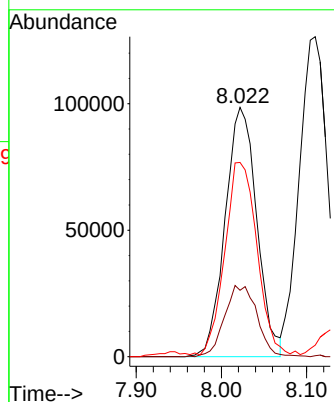
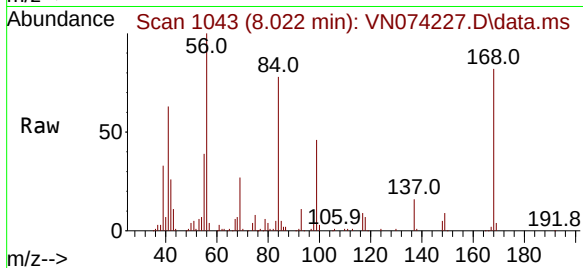




#31  
Cyclohexane  
Concen: 49.739 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

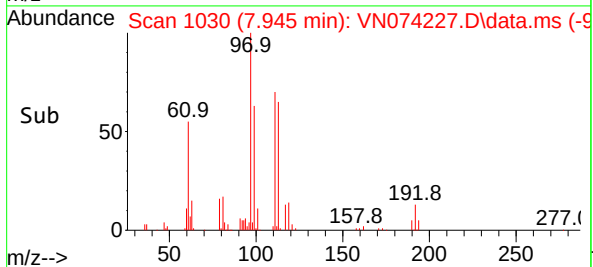
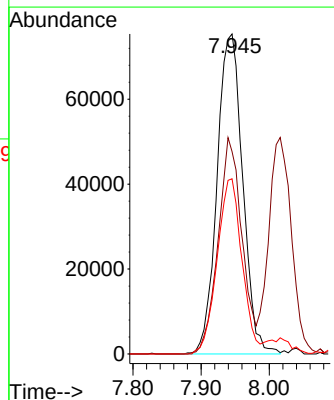
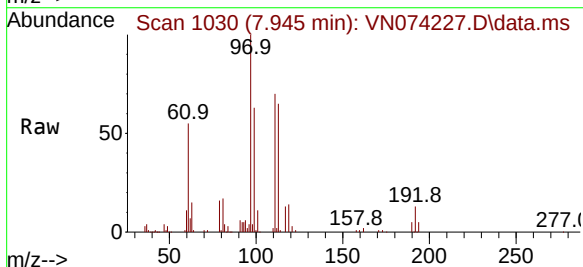
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

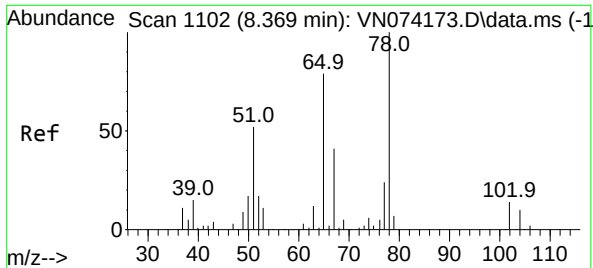
Tgt Ion: 56 Resp: 254574  
Ion Ratio Lower Upper  
56 100  
69 26.6 27.8 41.8#  
84 76.8 76.9 115.3#



#32  
1,1,1-Trichloroethane  
Concen: 47.954 ug/l  
RT: 7.945 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 97 Resp: 197287  
Ion Ratio Lower Upper  
97 100  
99 63.0 50.6 76.0  
61 53.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.713 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

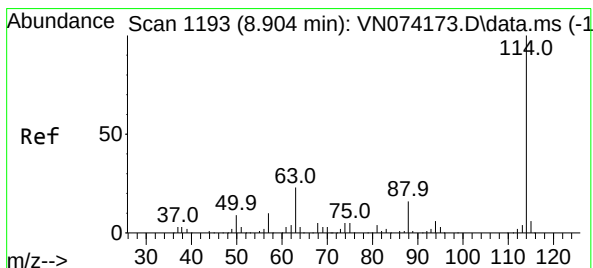
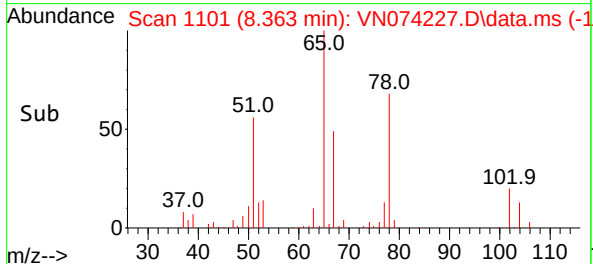
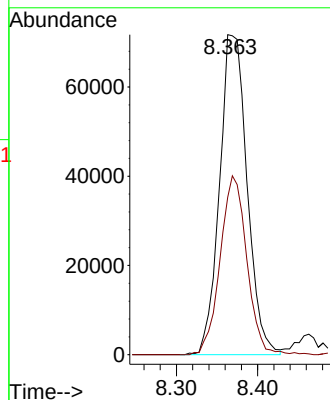
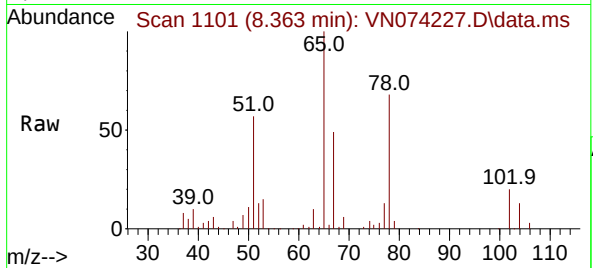
VSTDCCC050EC

Tgt Ion: 65 Resp: 169483

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

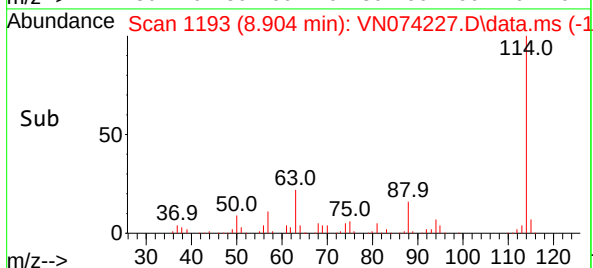
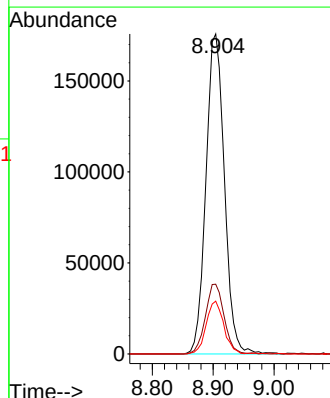
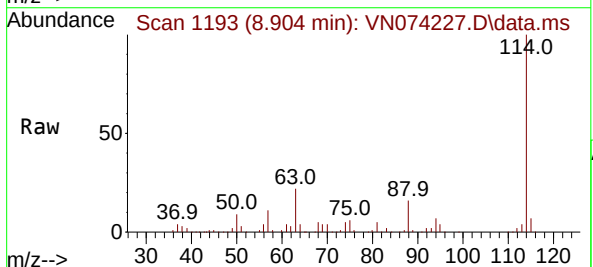
Tgt Ion: 114 Resp: 371014

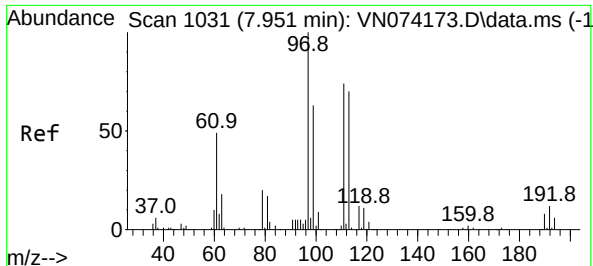
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.177 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

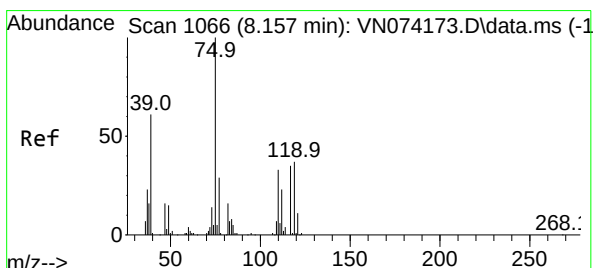
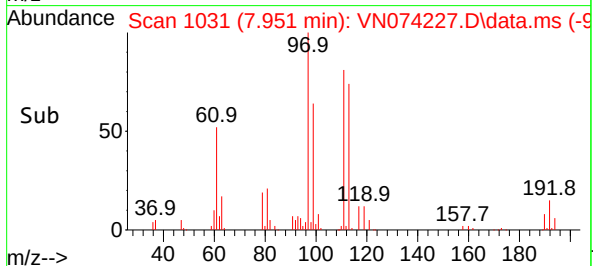
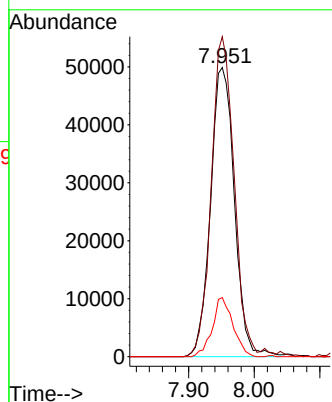
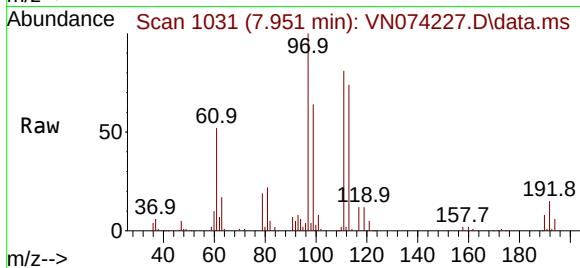
Tgt Ion:113 Resp: 125970

Ion Ratio Lower Upper

113 100

111 105.7 81.4 122.0

192 17.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 46.856 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

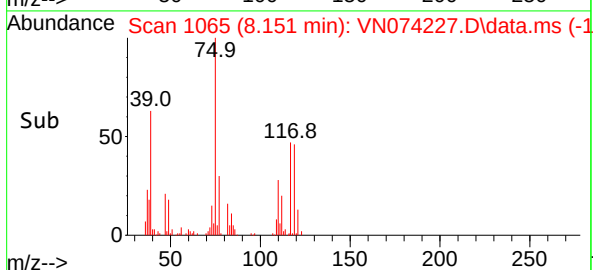
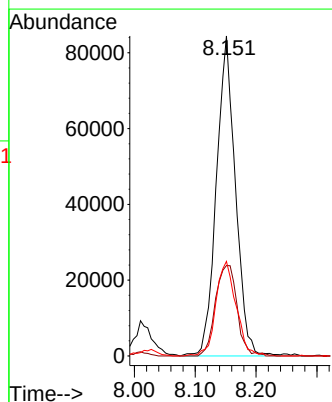
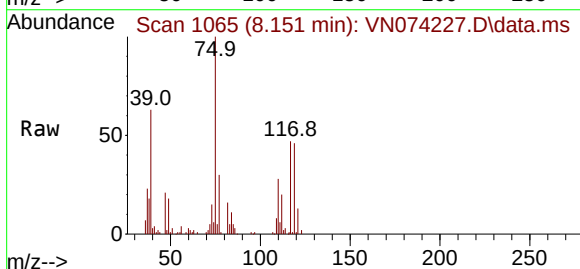
Tgt Ion: 75 Resp: 183546

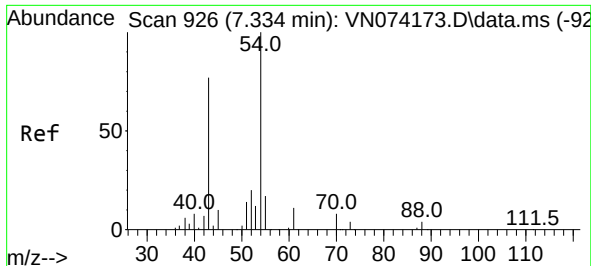
Ion Ratio Lower Upper

75 100

110 32.2 18.3 54.8

77 31.3 25.1 37.7

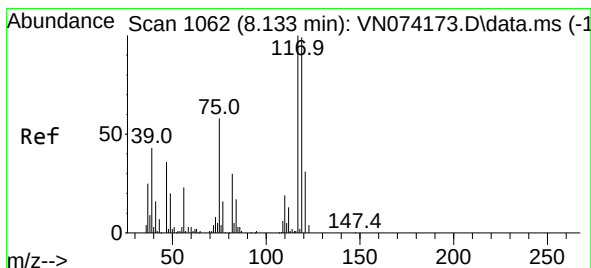
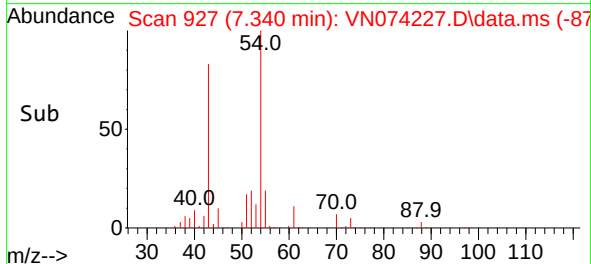
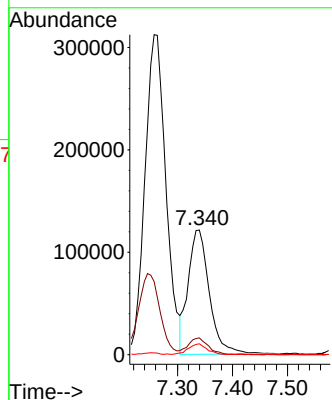
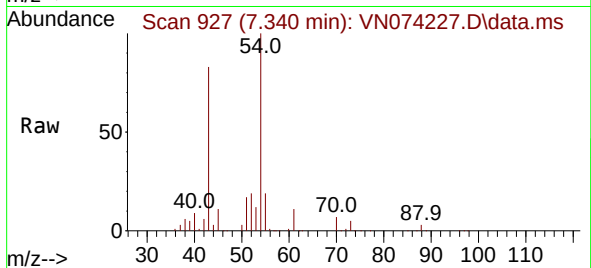




#37  
Ethyl Acetate  
Concen: 49.656 ug/l  
RT: 7.340 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

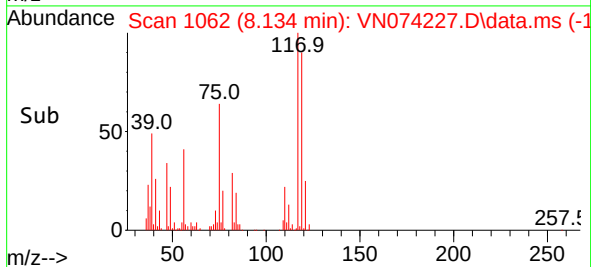
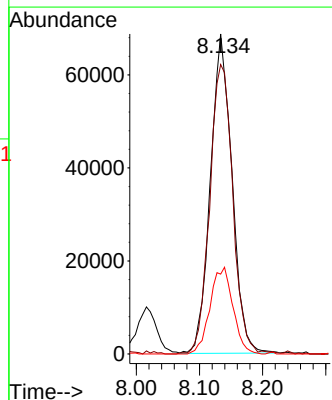
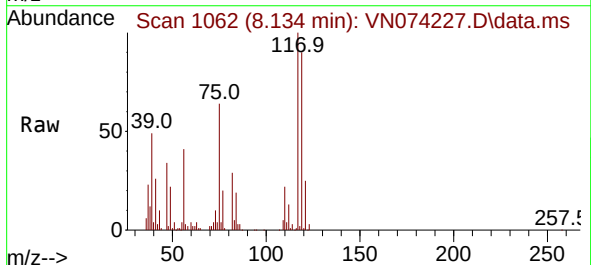
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

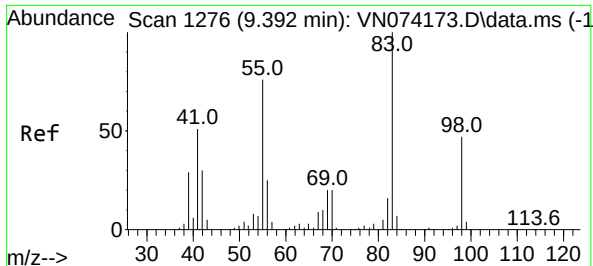
Tgt Ion: 43 Resp: 325296  
Ion Ratio Lower Upper  
43 100  
61 12.6 11.8 17.6  
70 7.5 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 45.681 ug/l  
RT: 8.134 min Scan# 1062  
Delta R.T. 0.001 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 117 Resp: 162973  
Ion Ratio Lower Upper  
117 100  
119 90.4 75.8 113.8  
121 25.0 24.6 37.0





#39

Methylcyclohexane

Concen: 46.853 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

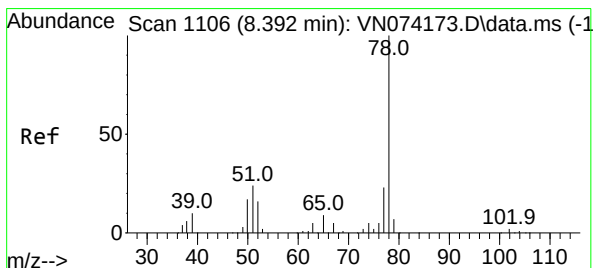
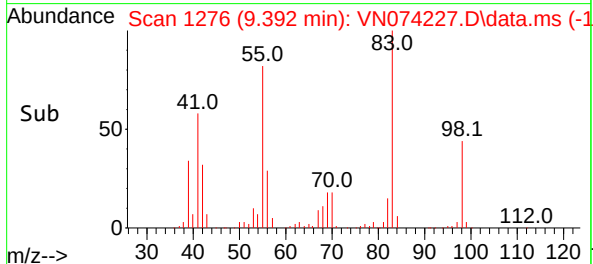
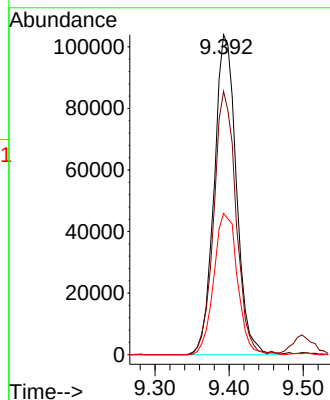
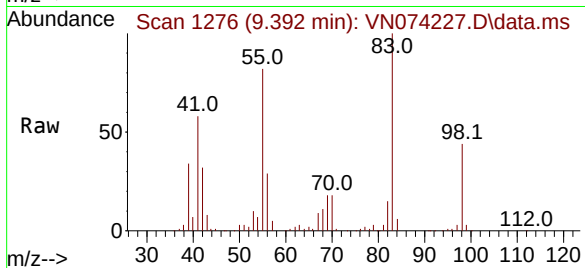
Tgt Ion: 83 Resp: 215449

Ion Ratio Lower Upper

83 100

55 82.3 57.8 86.8

98 44.2 39.4 59.2



#40

Benzene

Concen: 48.674 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074227.D

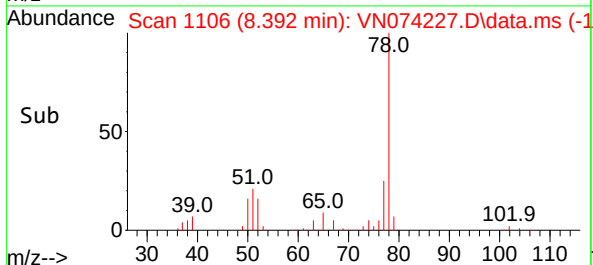
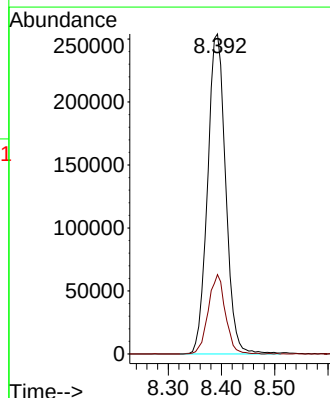
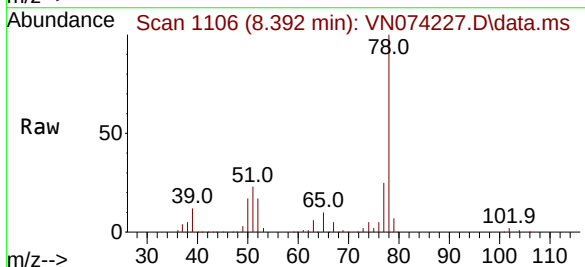
Acq: 31 Aug 2022 20:30

Tgt Ion: 78 Resp: 598668

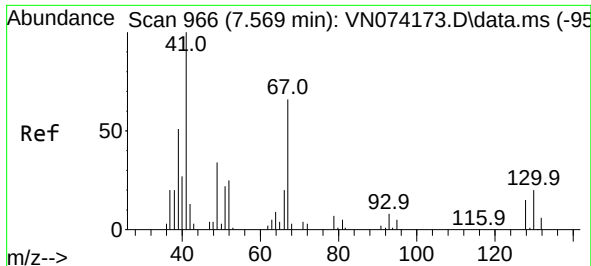
Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0





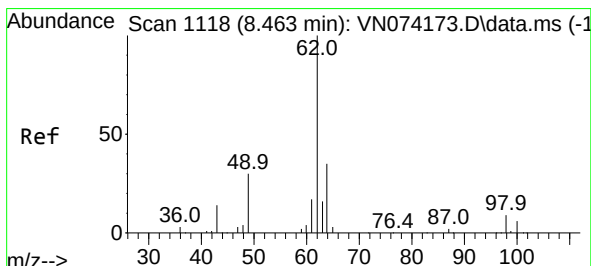
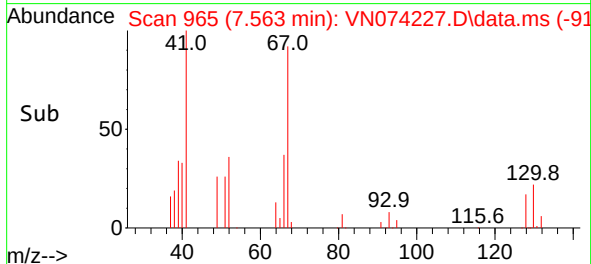
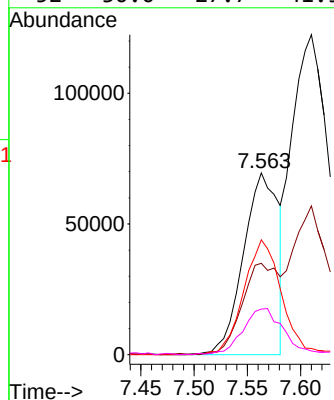
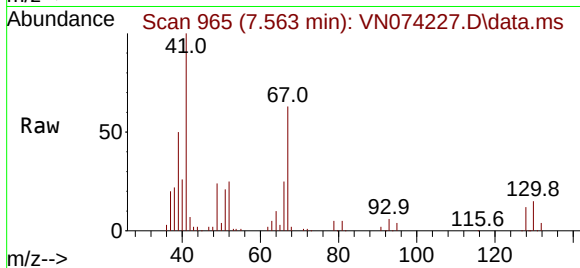


#41  
Methacrylonitrile  
Concen: 52.589 ug/l  
RT: 7.563 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 159024

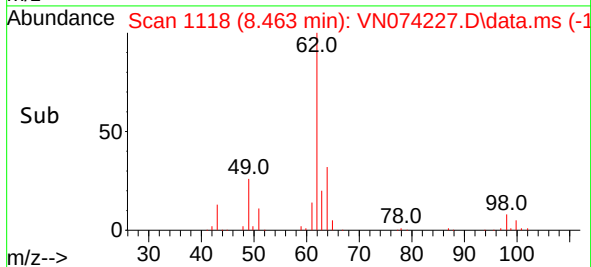
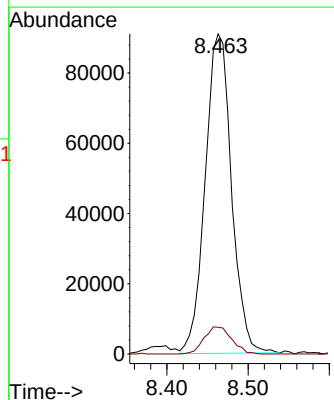
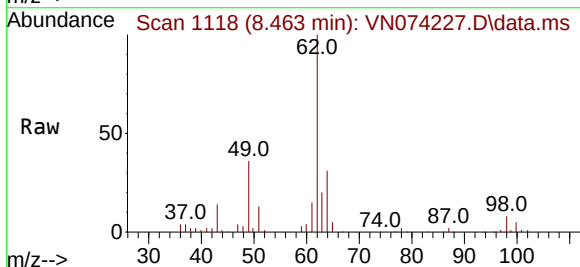
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 39  | 52.7  | 48.6  | 73.0   |
| 67  | 69.0  | 73.4  | 110.2# |
| 52  | 30.0  | 27.7  | 41.5   |

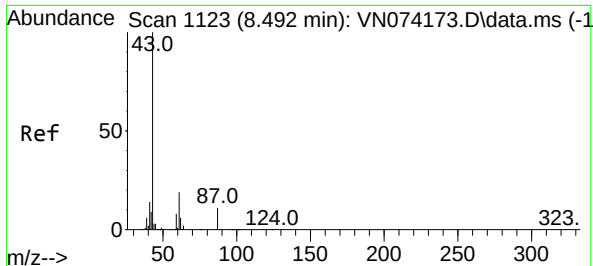


#42  
1,2-Dichloroethane  
Concen: 46.844 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 62 Resp: 205042

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 19.4  |





#43

Isopropyl Acetate

Concen: 51.750 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

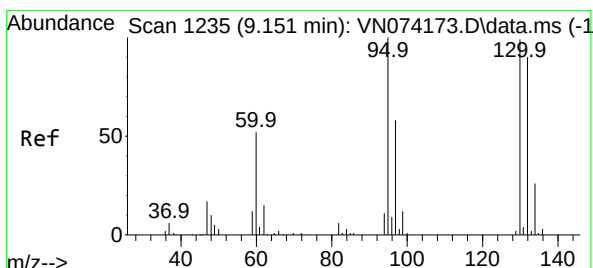
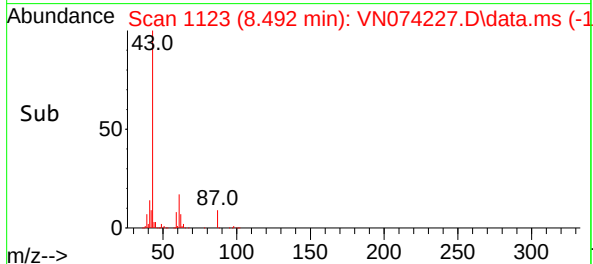
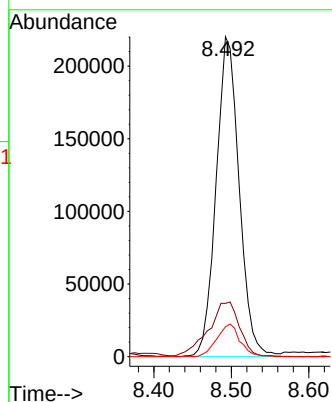
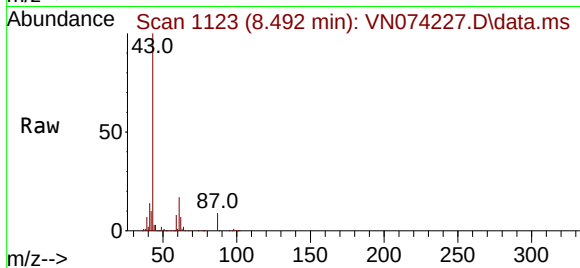
Tgt Ion: 43 Resp: 455744

Ion Ratio Lower Upper

43 100

61 23.3 21.9 32.9

87 10.3 12.0 18.0#



#44

Trichloroethene

Concen: 43.657 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN074227.D

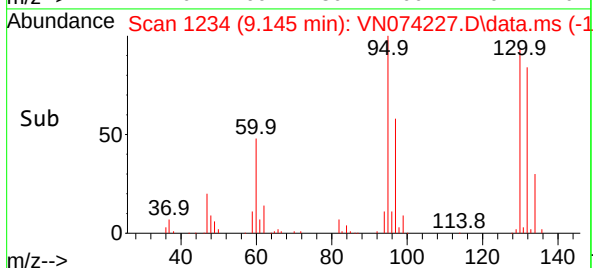
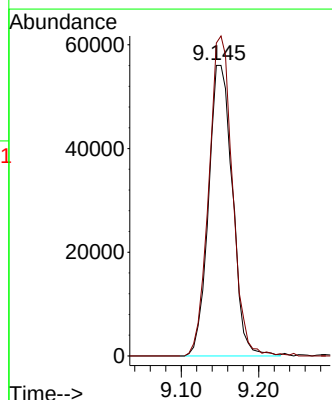
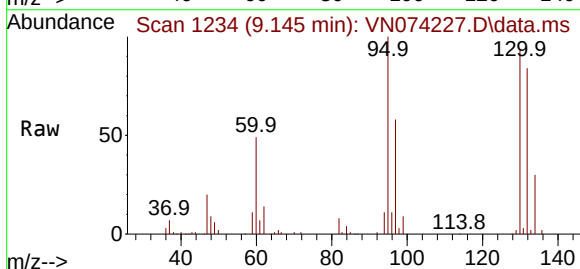
Acq: 31 Aug 2022 20:30

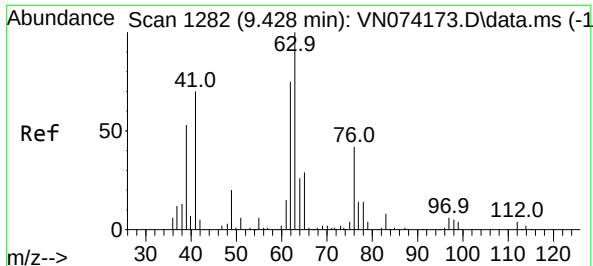
Tgt Ion:130 Resp: 119988

Ion Ratio Lower Upper

130 100

95 107.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 48.268 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

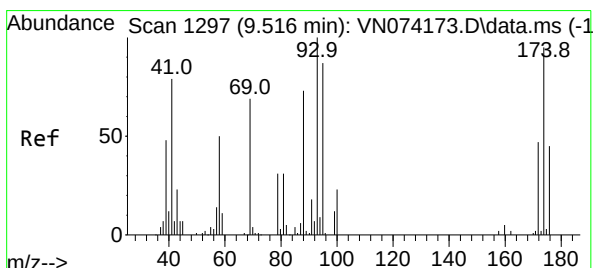
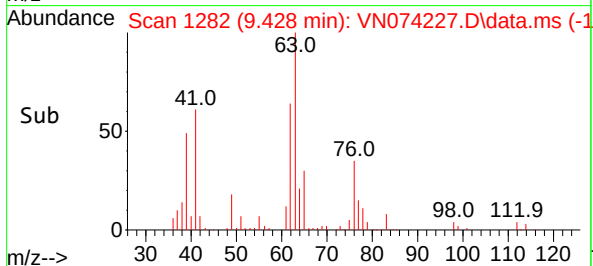
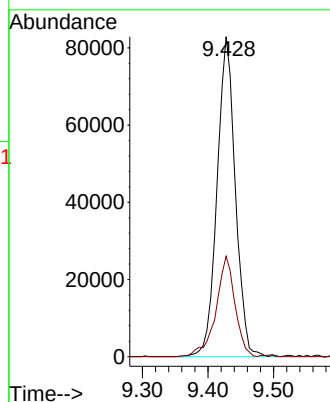
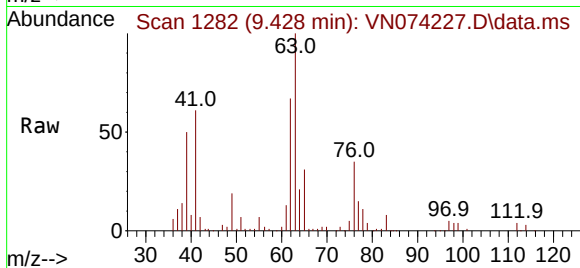
VSTDCCC050EC

Tgt Ion: 63 Resp: 160290

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 44.952 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

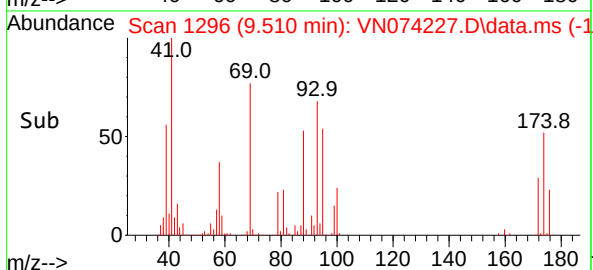
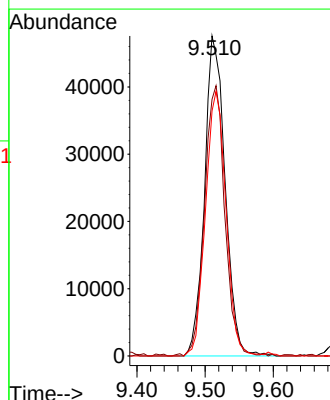
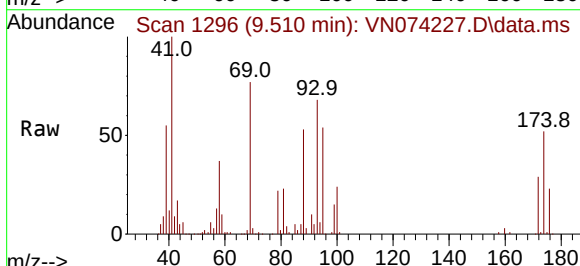
Tgt Ion: 93 Resp: 99700

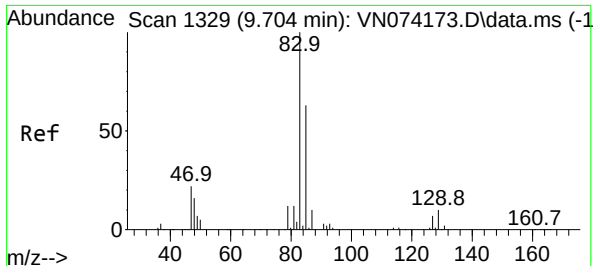
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 82.5 86.6 130.0#

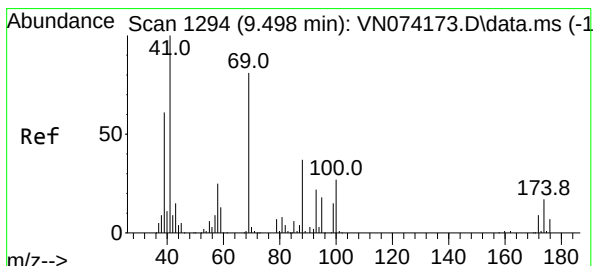
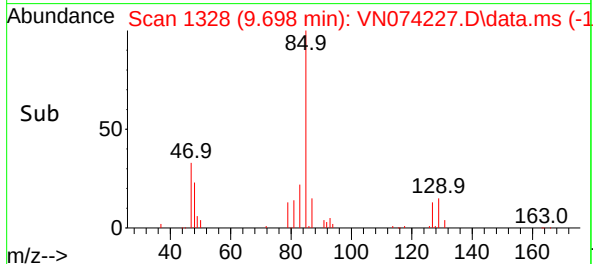
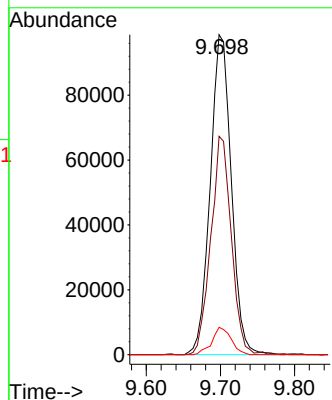
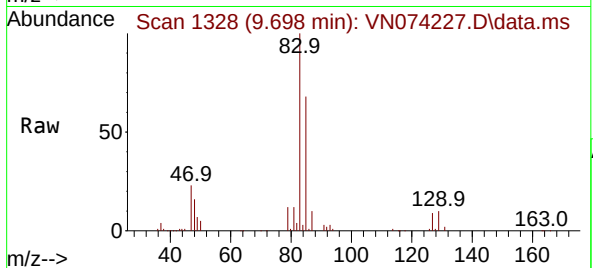




#47  
Bromodichloromethane  
Concen: 44.834 ug/l  
RT: 9.698 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

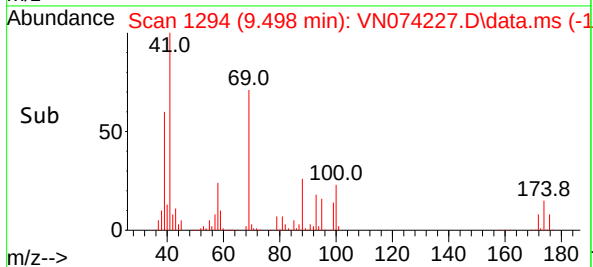
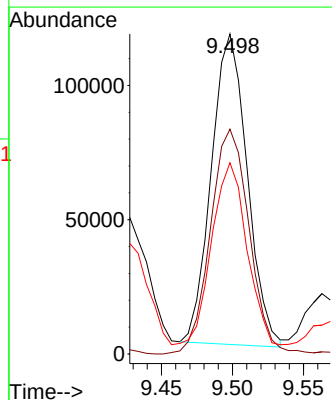
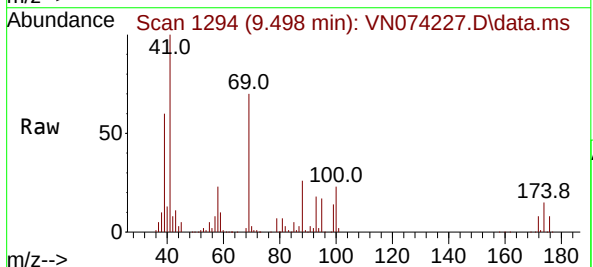
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

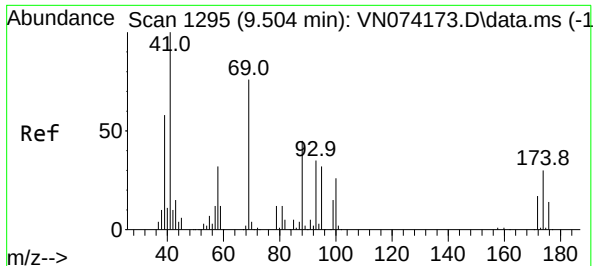
Tgt Ion: 83 Resp: 194862  
Ion Ratio Lower Upper  
83 100  
85 68.2 50.5 75.7  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 48.545 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 41 Resp: 203077  
Ion Ratio Lower Upper  
41 100  
69 78.4 74.7 112.1  
39 63.0 45.6 68.4

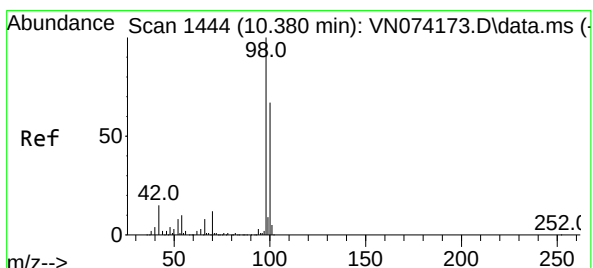
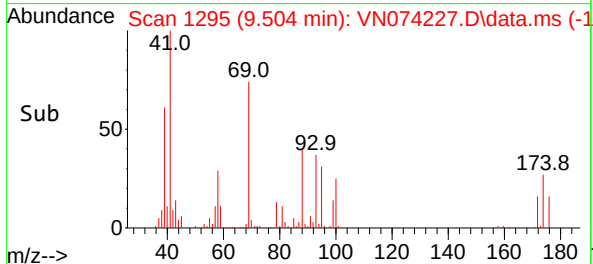
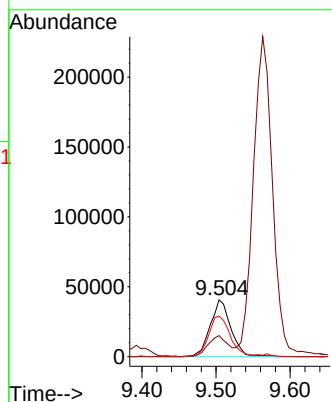
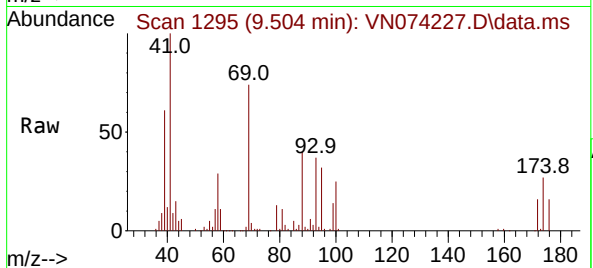




#49  
1,4-Dioxane  
Concen: 869.045 ug/l  
RT: 9.504 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

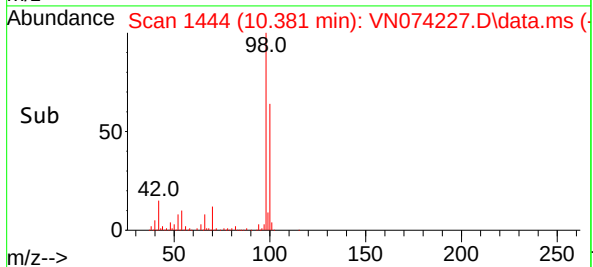
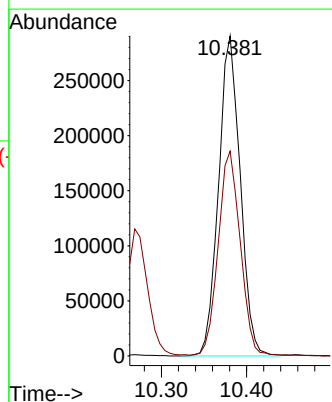
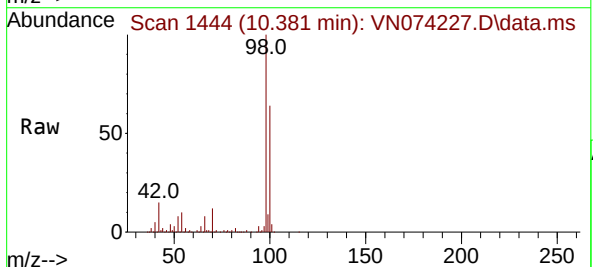
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

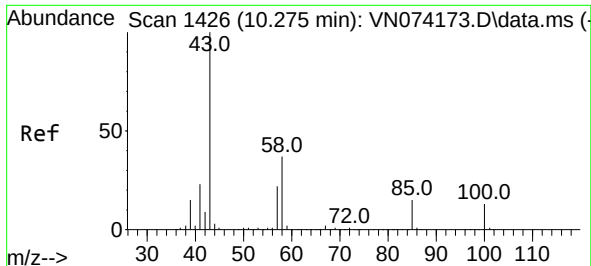
Tgt Ion: 88 Resp: 78433  
Ion Ratio Lower Upper  
88 100  
43 35.1 20.2 30.4#  
58 74.5 54.2 81.4



#50  
Toluene-d8  
Concen: 53.905 ug/l  
RT: 10.381 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 98 Resp: 512512  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.6 78.8

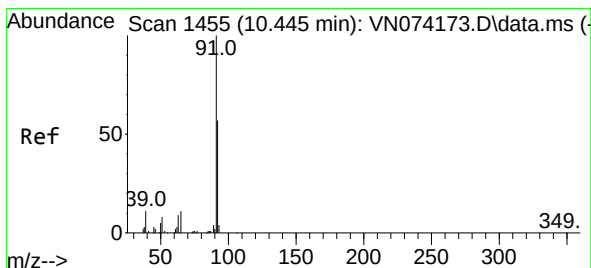
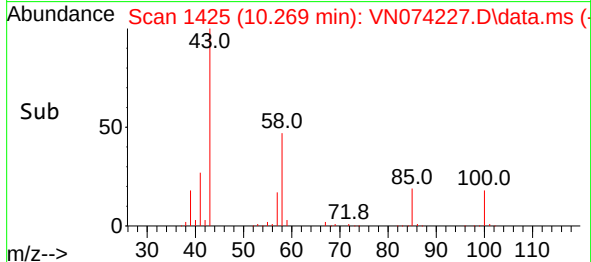
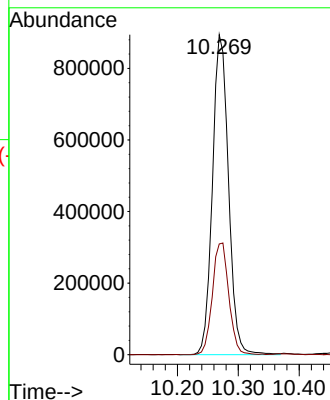
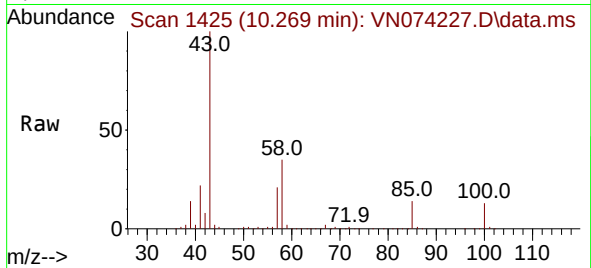




#51  
4-Methyl-2-Pentanone  
Concen: 256.109 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

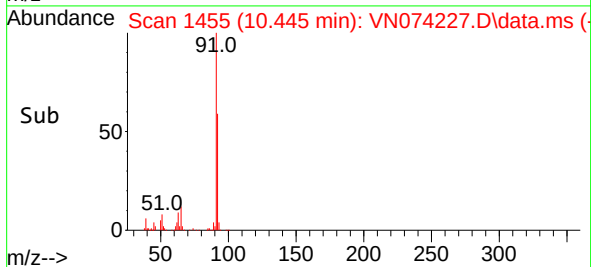
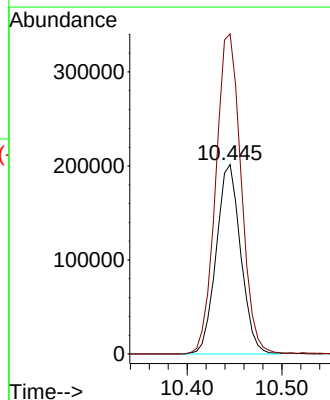
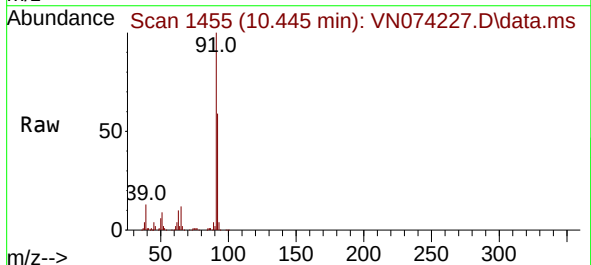
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

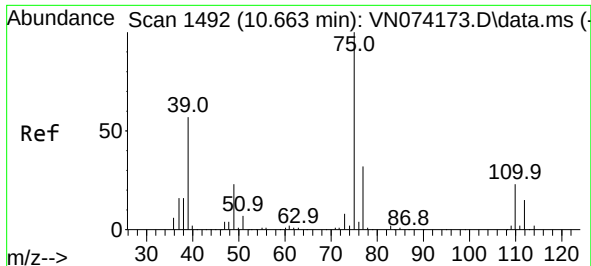
Tgt Ion: 43 Resp: 1636922  
Ion Ratio Lower Upper  
43 100  
58 35.8 34.1 51.1



#52  
Toluene  
Concen: 49.879 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 92 Resp: 361605  
Ion Ratio Lower Upper  
92 100  
91 175.5 138.6 207.8

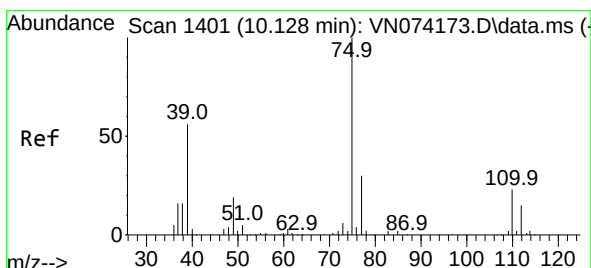
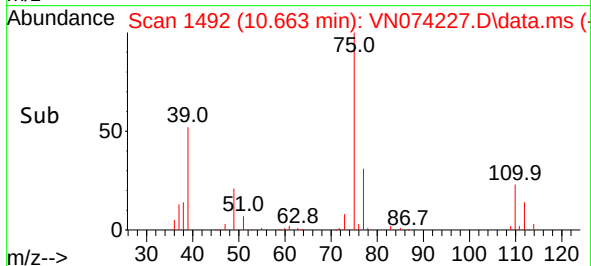
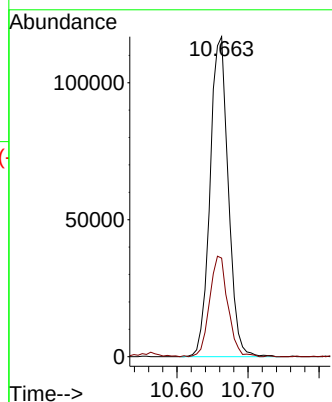
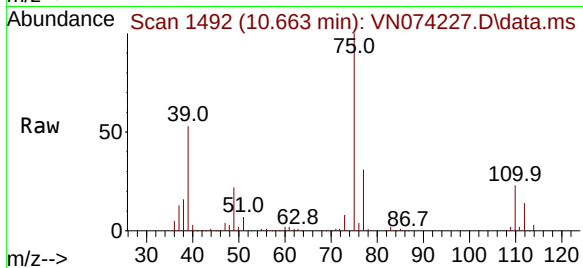




#53  
 t-1,3-Dichloropropene  
 Concen: 50.451 ug/l  
 RT: 10.663 min Scan# 1492  
 Delta R.T. 0.000 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

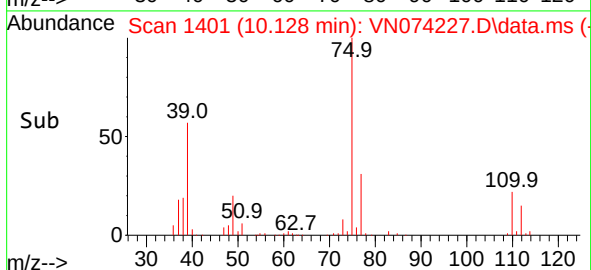
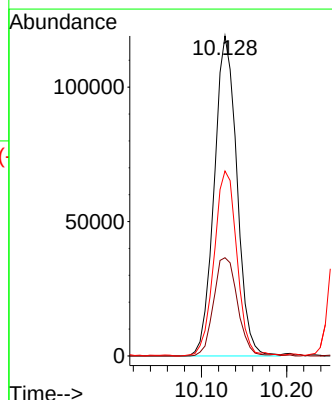
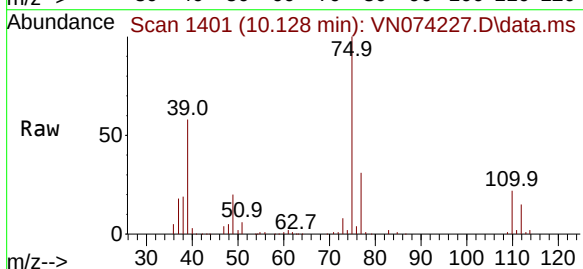
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

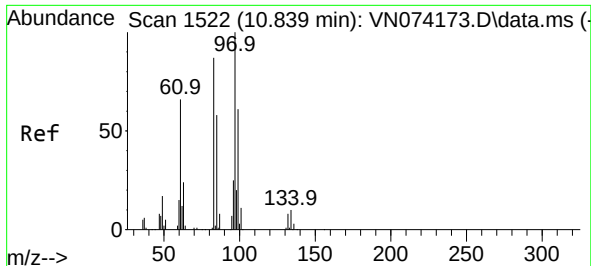
Tgt Ion: 75 Resp: 207906  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.696 ug/l  
 RT: 10.128 min Scan# 1401  
 Delta R.T. 0.000 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

Tgt Ion: 75 Resp: 220050  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.2 37.8  
 39 57.8 35.7 53.5#

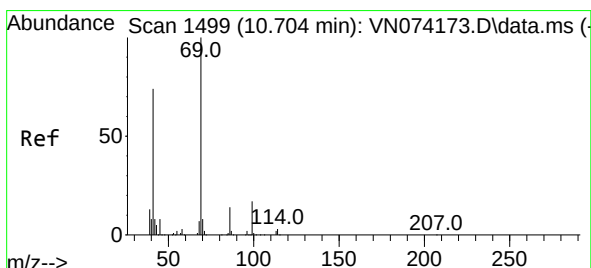
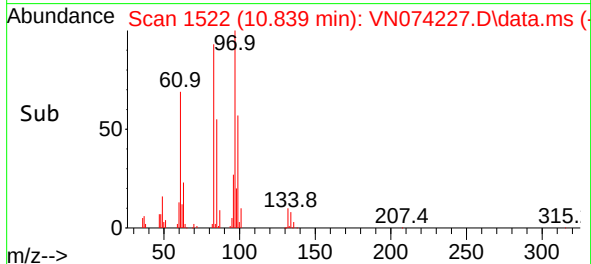
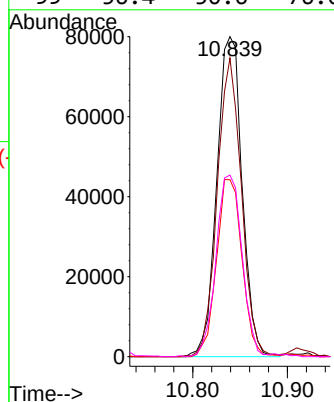
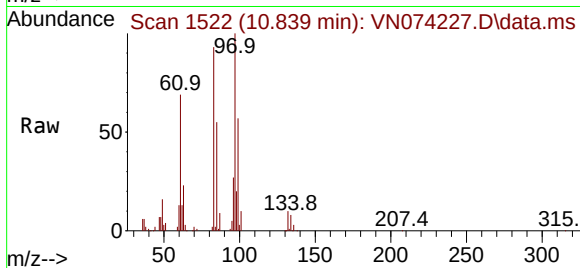




#55  
1,1,2-Trichloroethane  
Concen: 47.415 ug/l  
RT: 10.839 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

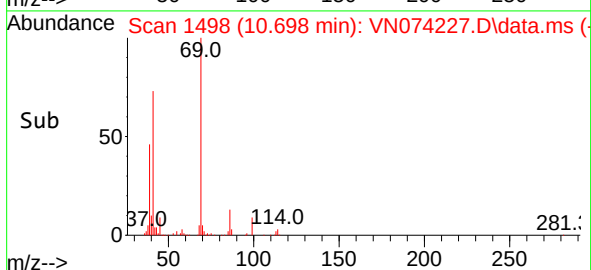
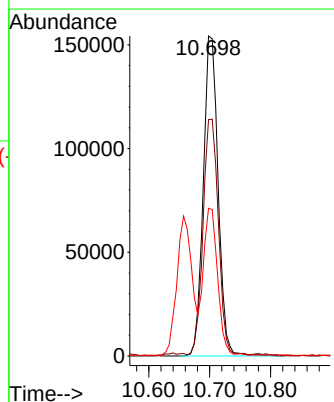
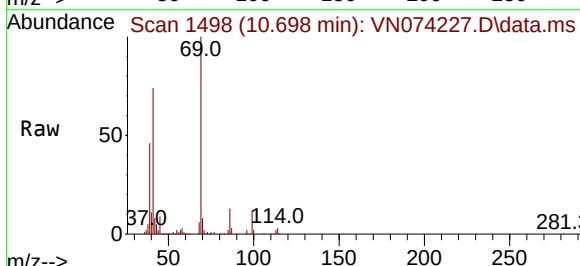
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 148688 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 93.3  | 66.2  | 99.4   |
| 85       | 55.3  | 43.9  | 65.9   |
| 99       | 56.4  | 50.6  | 76.0   |

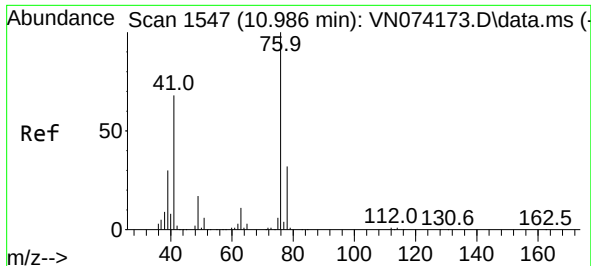


#56  
Ethyl methacrylate  
Concen: 55.148 ug/l  
RT: 10.698 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 262131 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.7  | 47.8  | 71.6#  |
| 39       | 43.6  | 27.3  | 40.9#  |







#57

1,3-Dichloropropane

Concen: 48.612 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

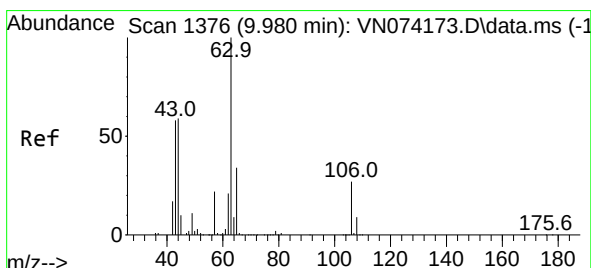
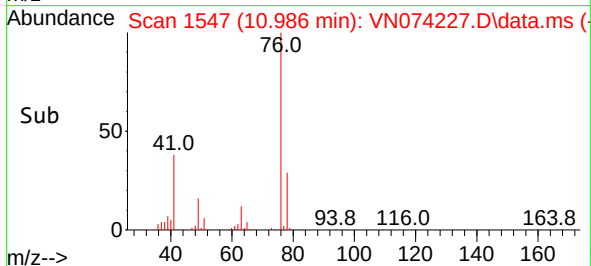
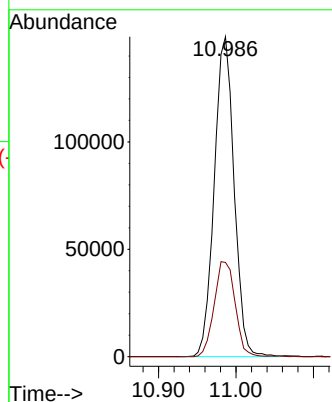
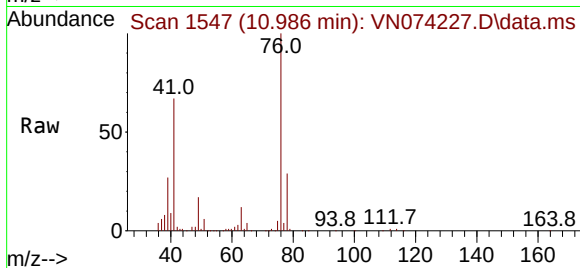
VSTDCCC050EC

Tgt Ion: 76 Resp: 264930

Ion Ratio Lower Upper

76 100

78 31.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 271.691 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074227.D

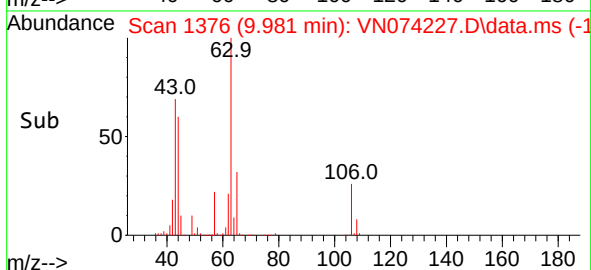
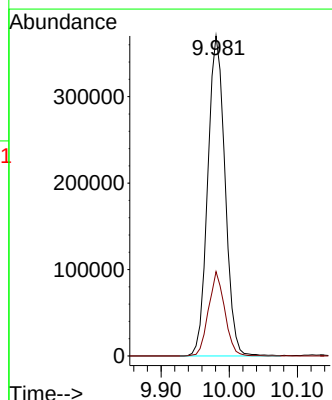
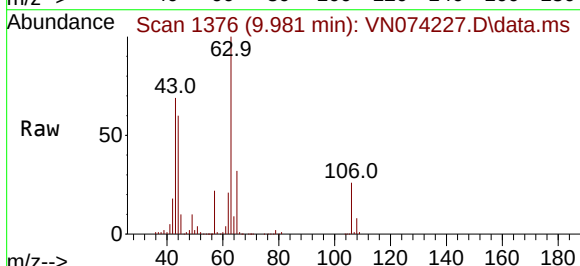
Acq: 31 Aug 2022 20:30

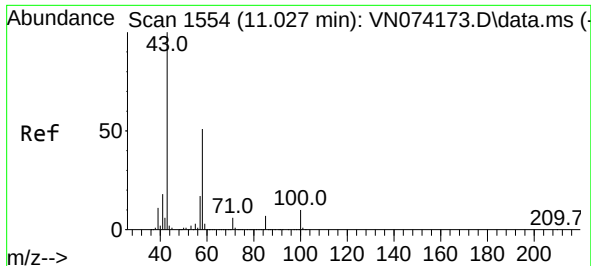
Tgt Ion: 63 Resp: 653275

Ion Ratio Lower Upper

63 100

106 24.7 24.6 36.8

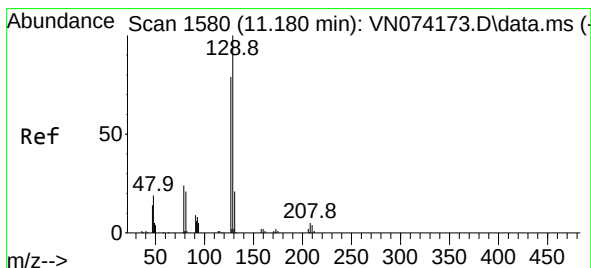
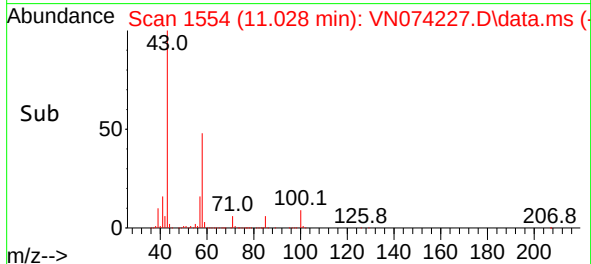
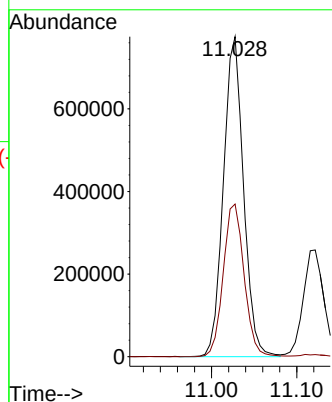
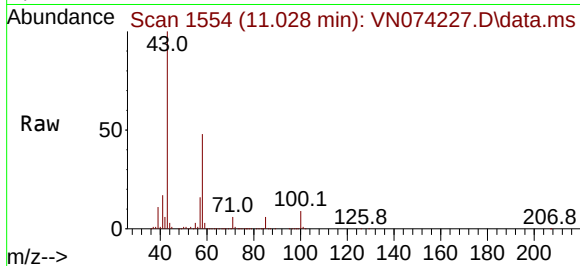




#59  
2-Hexanone  
Concen: 262.004 ug/l  
RT: 11.028 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

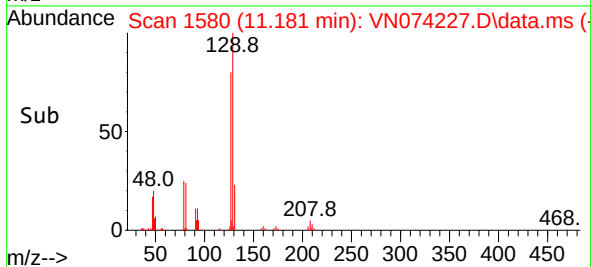
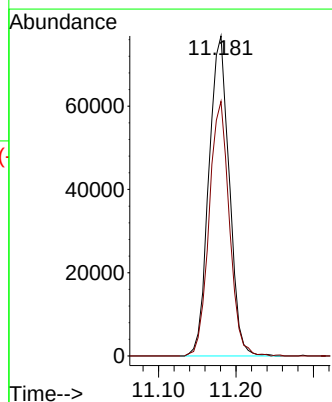
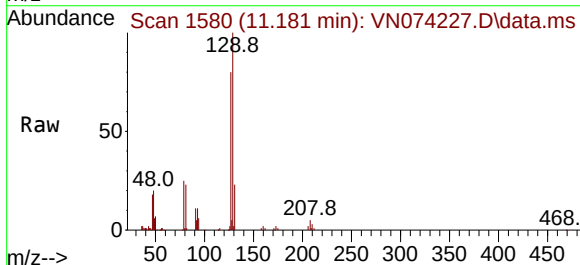
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

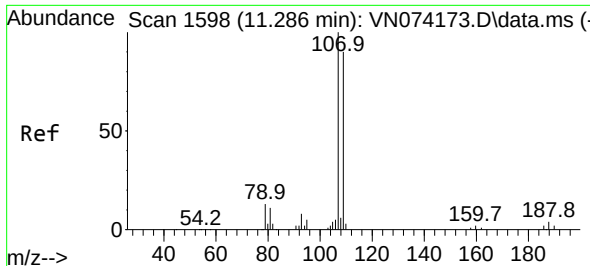
Tgt Ion: 43 Resp: 1270829  
Ion Ratio Lower Upper  
43 100  
58 49.6 29.7 89.1



#60  
Dibromochloromethane  
Concen: 47.773 ug/l  
RT: 11.181 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion:129 Resp: 140320  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.8 116.4

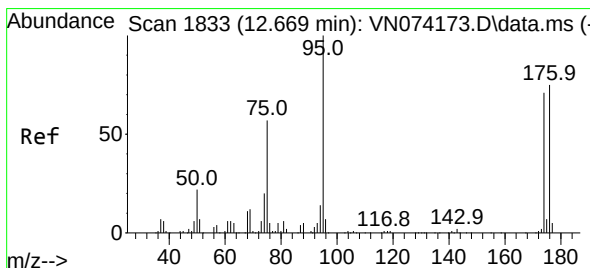
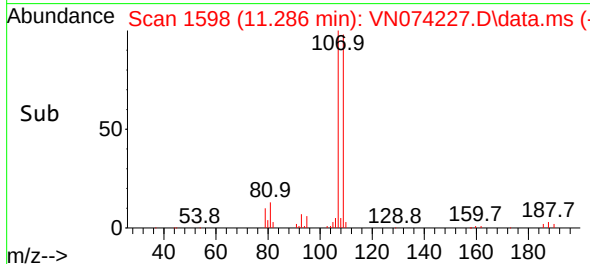
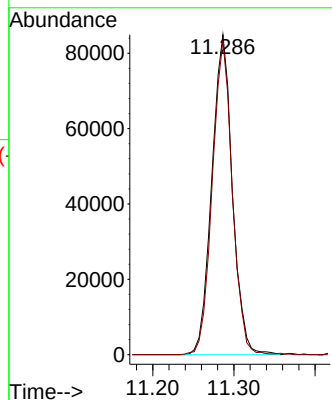
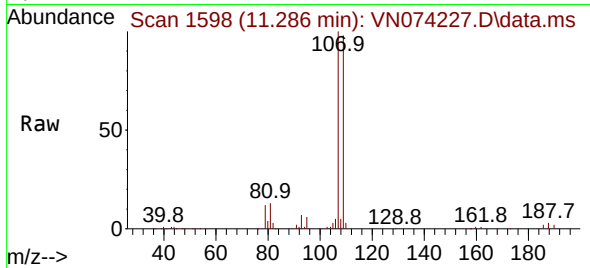




#61  
1,2-Dibromoethane  
Concen: 49.821 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

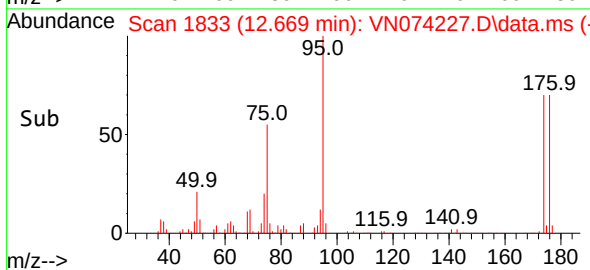
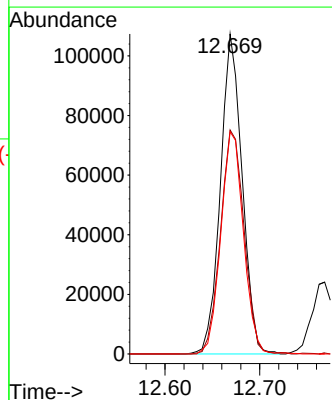
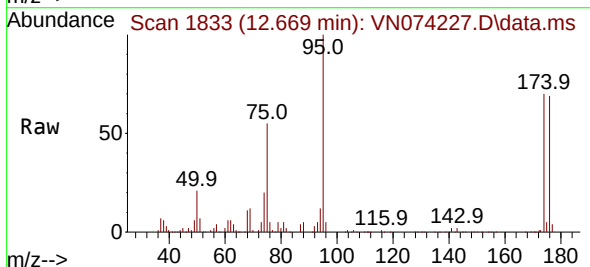
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

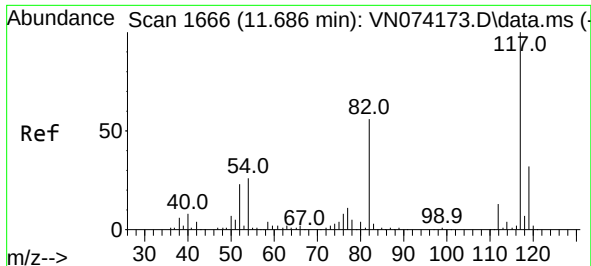
Tgt Ion:107 Resp: 149286  
Ion Ratio Lower Upper  
107 100  
109 95.2 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 59.171 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 95 Resp: 171084  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 167.6  
176 72.4 0.0 163.4

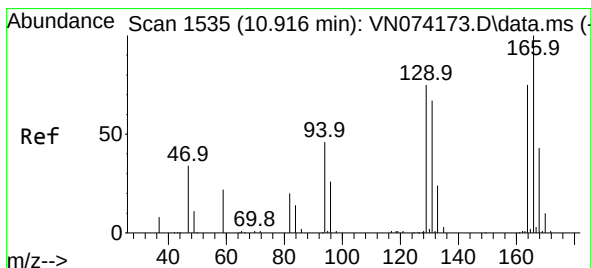
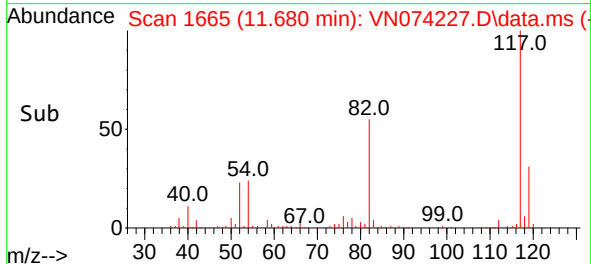
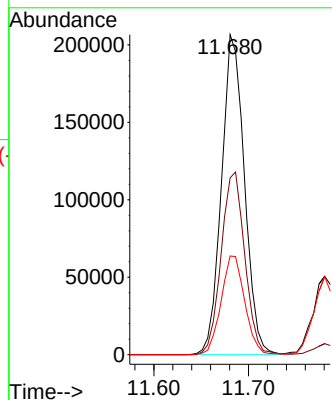
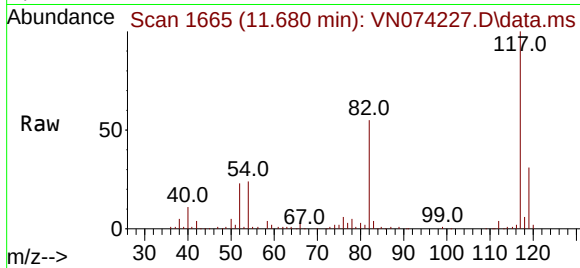




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

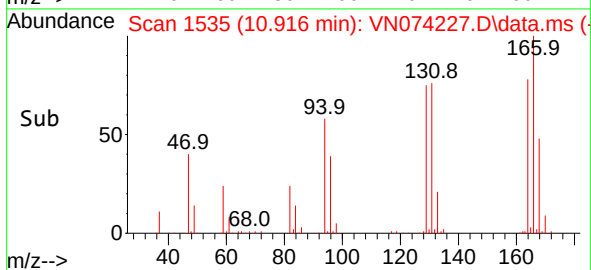
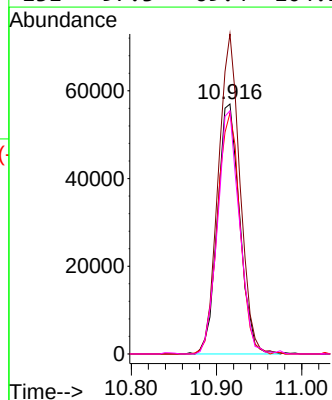
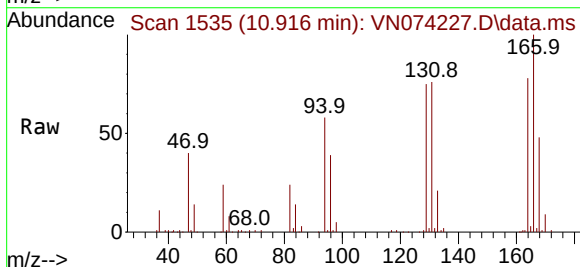
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

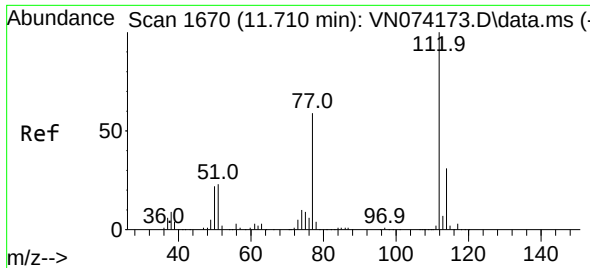
Tgt Ion:117 Resp: 348340  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.2 66.2  
119 30.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 41.045 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion:164 Resp: 103562  
Ion Ratio Lower Upper  
164 100  
166 128.1 104.2 156.2  
129 96.3 73.9 110.9  
131 97.3 69.4 104.2

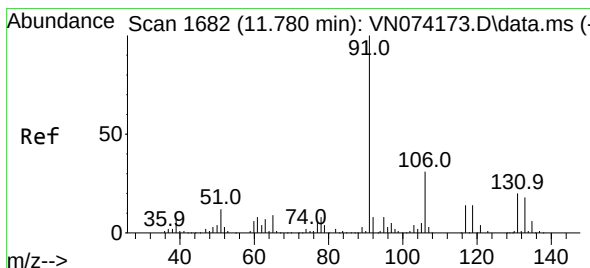
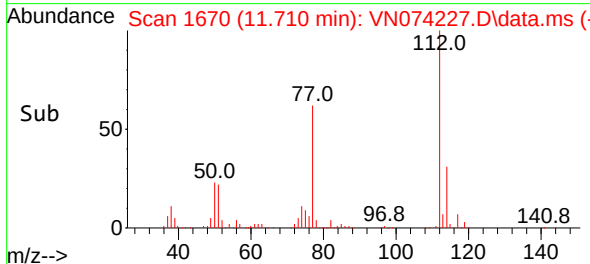
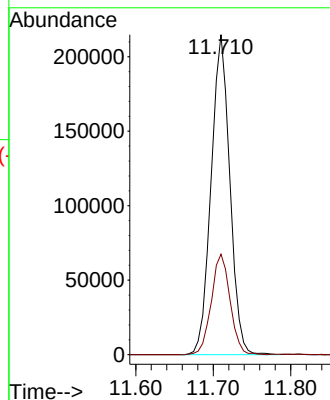
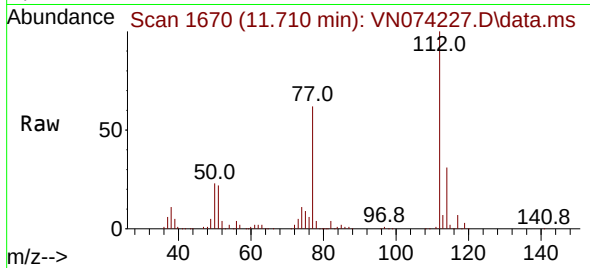




#65  
Chlorobenzene  
Concen: 45.961 ug/l  
RT: 11.710 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

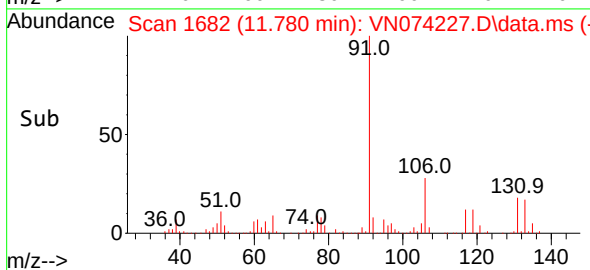
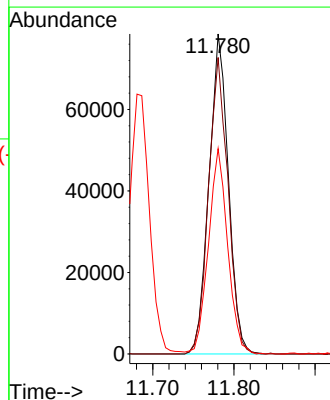
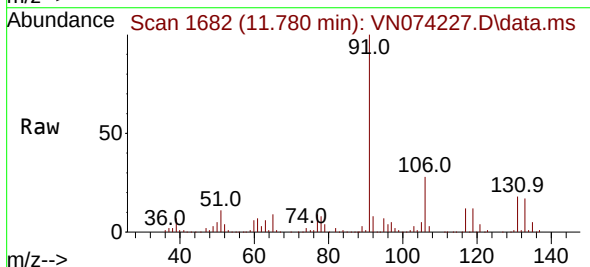
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

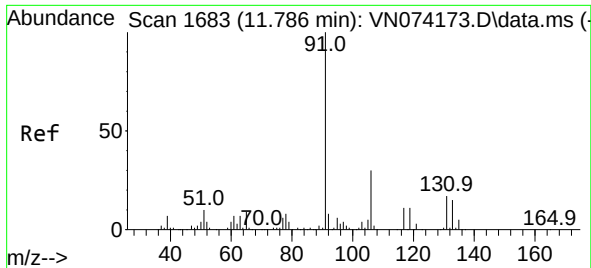
Tgt Ion:112 Resp: 360269  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.755 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion:131 Resp: 130261  
Ion Ratio Lower Upper  
131 100  
133 93.0 47.8 143.4  
119 63.6 33.4 100.2

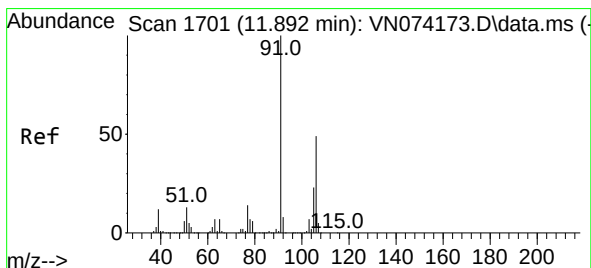
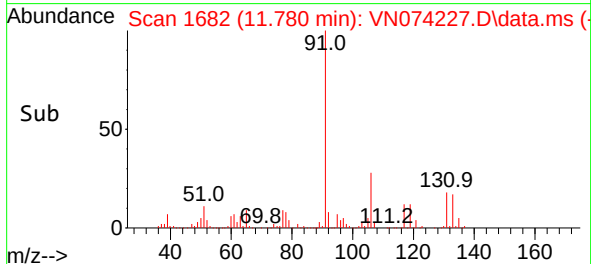
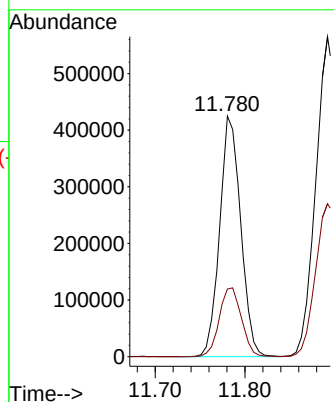
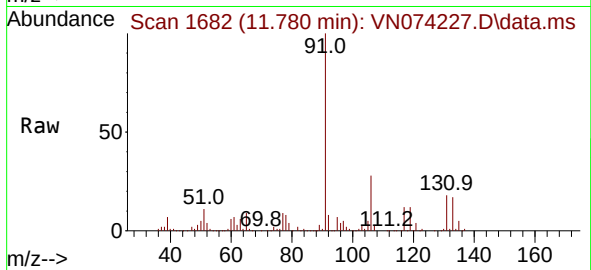




#67  
Ethyl Benzene  
Concen: 49.285 ug/l  
RT: 11.780 min Scan# 1683  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

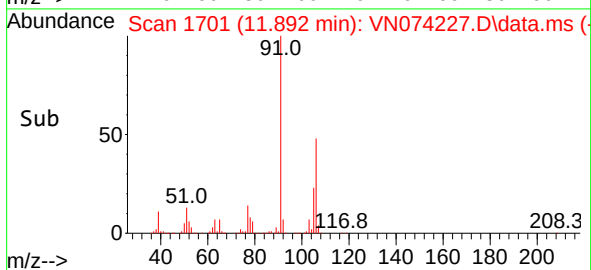
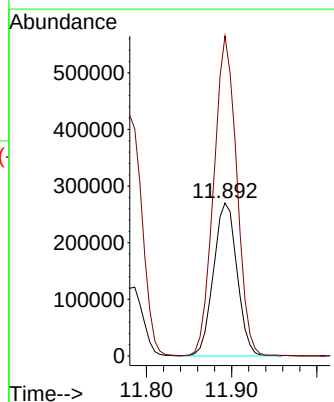
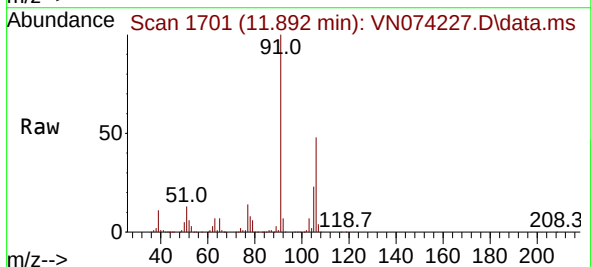
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

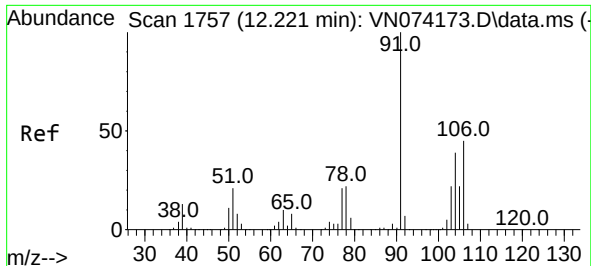
Tgt Ion: 91 Resp: 693274  
Ion Ratio Lower Upper  
91 100  
106 28.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 99.298 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 106 Resp: 518894  
Ion Ratio Lower Upper  
106 100  
91 204.3 158.9 238.3

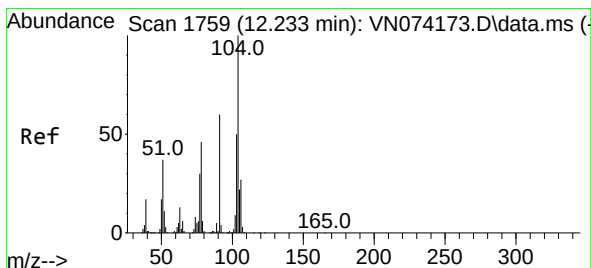
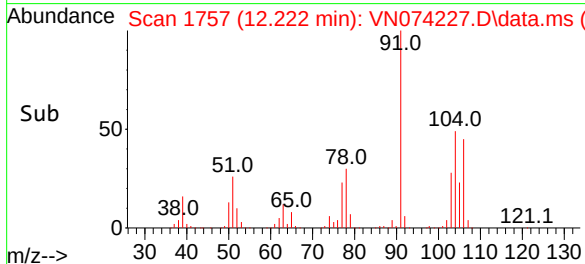
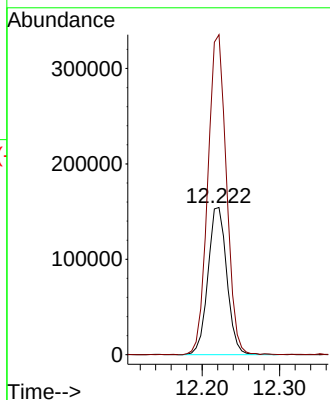
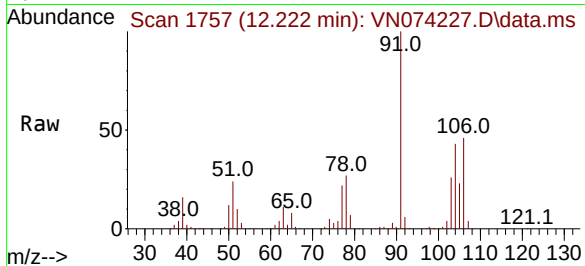




#69  
o-Xylene  
Concen: 50.148 ug/l  
RT: 12.222 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

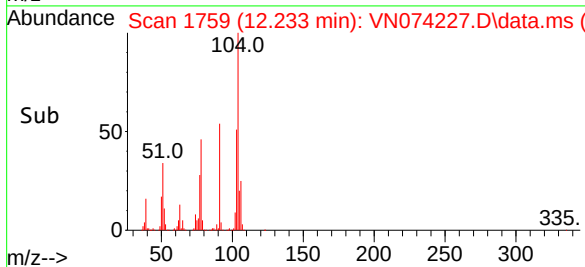
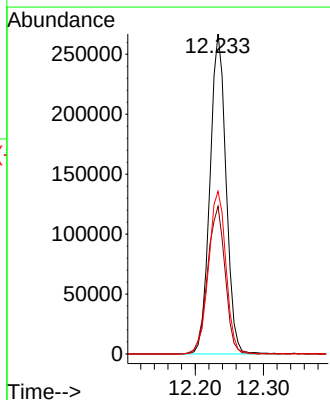
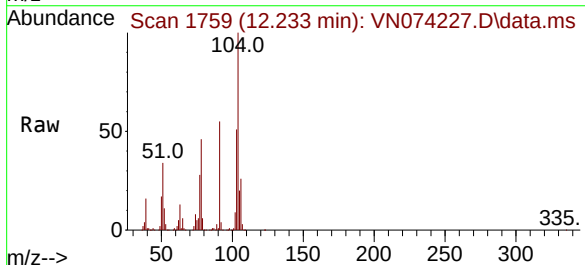
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

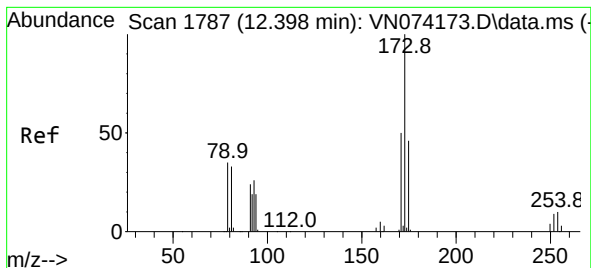
Tgt Ion:106 Resp: 261114  
Ion Ratio Lower Upper  
106 100  
91 214.7 106.0 318.0



#70  
Styrene  
Concen: 53.006 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion:104 Resp: 439705  
Ion Ratio Lower Upper  
104 100  
78 50.2 39.5 59.3  
103 54.7 44.0 66.0





#71

Bromoform

Concen: 42.977 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

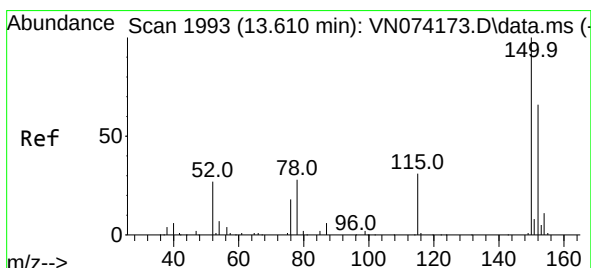
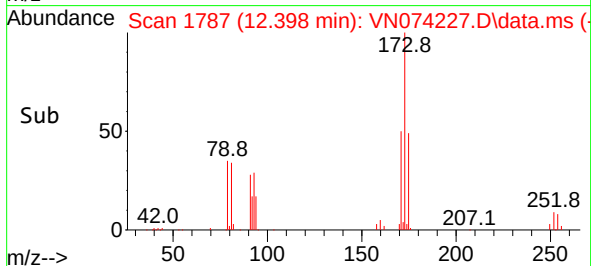
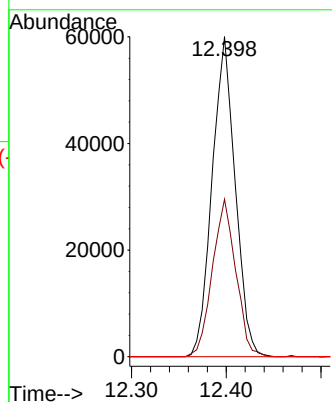
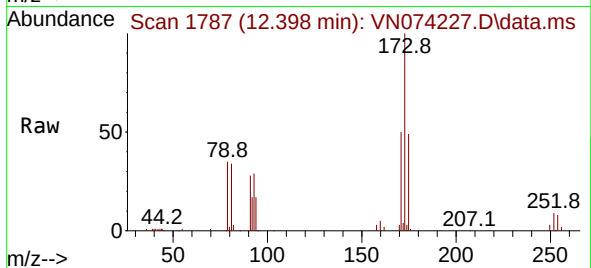
Tgt Ion:173 Resp: 101420

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

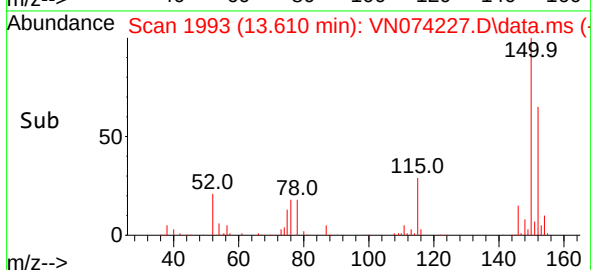
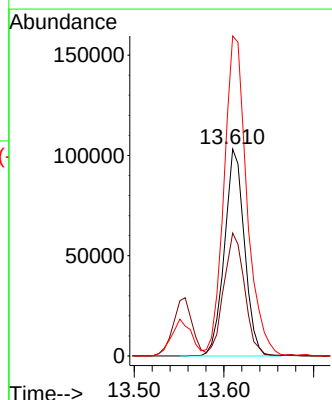
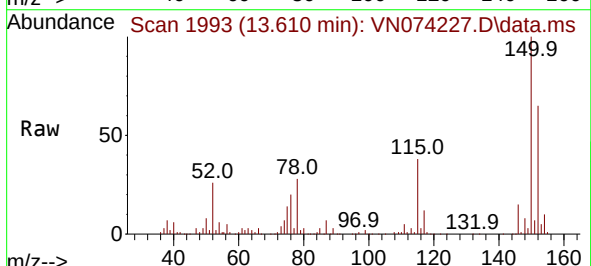
Tgt Ion:152 Resp: 160015

Ion Ratio Lower Upper

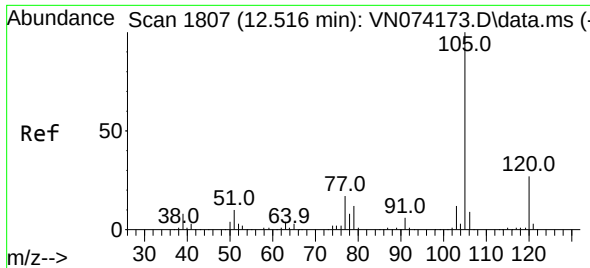
152 100

115 62.3 28.9 86.7

150 175.9 0.0 356.2



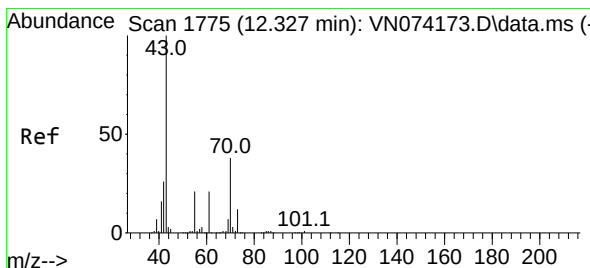
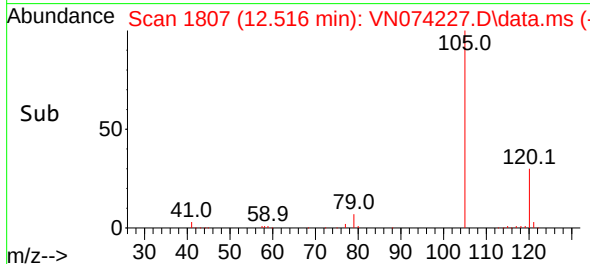
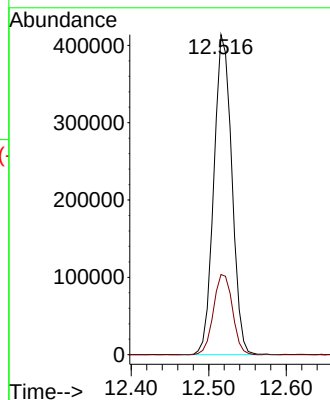
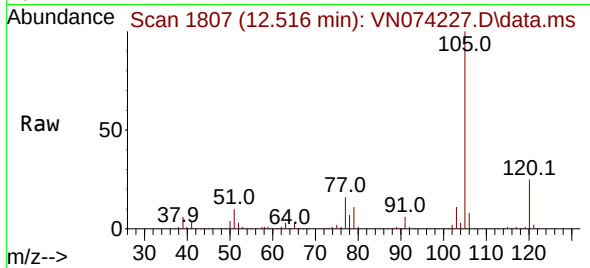




#73  
Isopropylbenzene  
Concen: 48.685 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

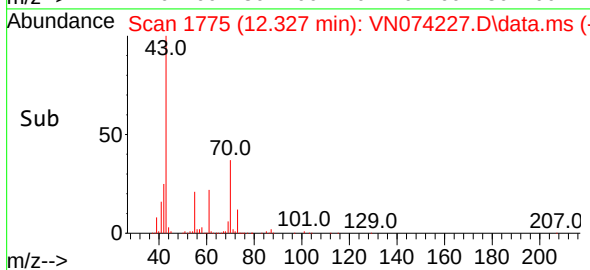
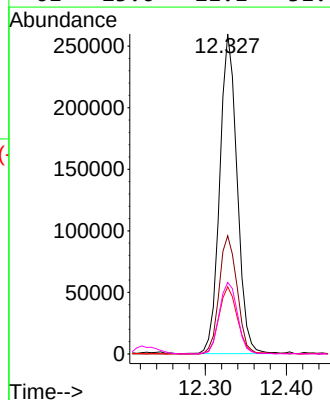
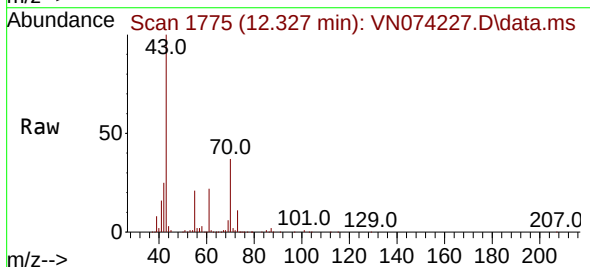
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

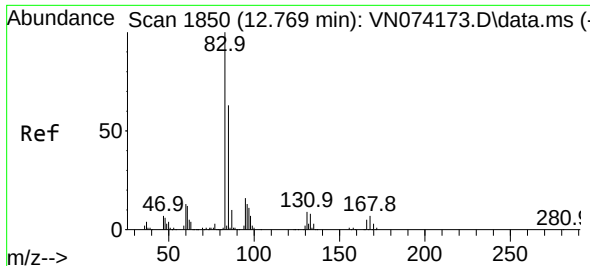
Tgt Ion:105 Resp: 667166  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.5 40.4



#74  
N-ethyl acetate  
Concen: 49.941 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 43 Resp: 387204  
Ion Ratio Lower Upper  
43 100  
70 38.2 39.0 58.4#  
55 22.4 21.1 31.7  
61 23.6 21.1 31.7

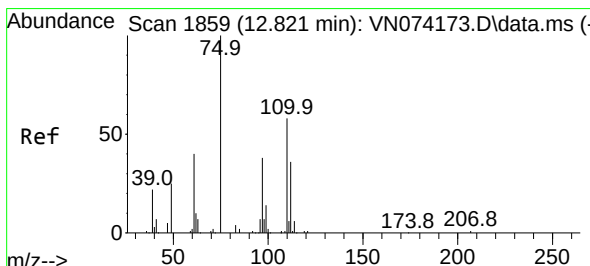
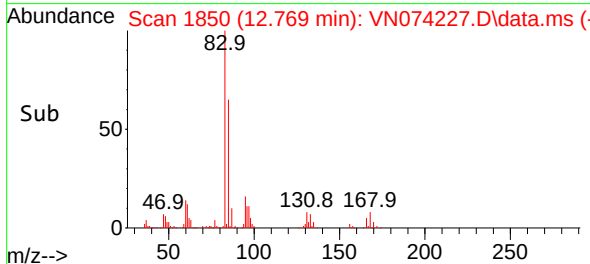
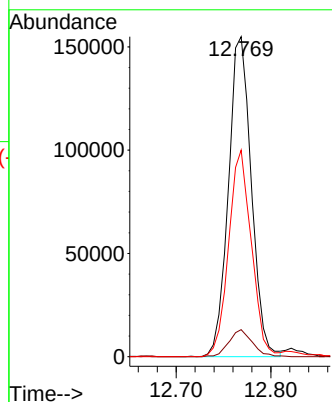
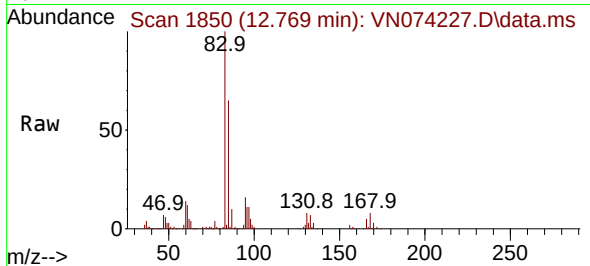




#75  
1,1,2,2-Tetrachloroethane  
Concen: 45.851 ug/l  
RT: 12.769 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

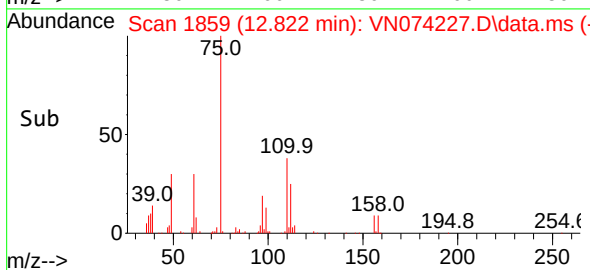
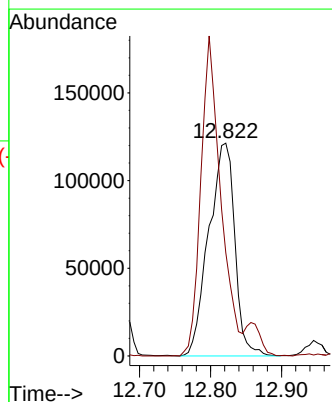
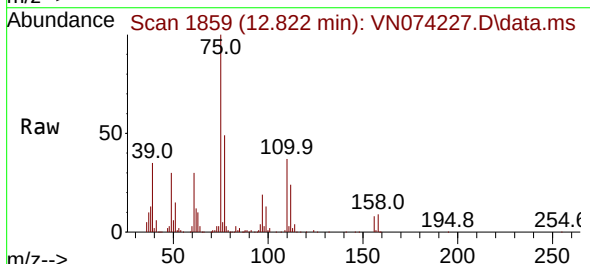
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

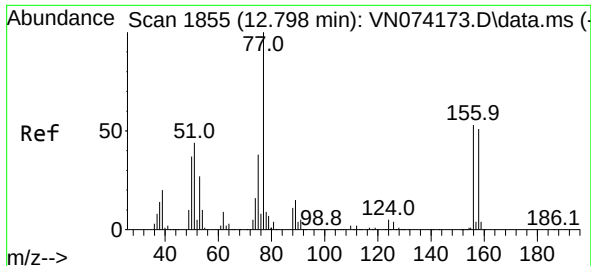
Tgt Ion: 83 Resp: 260574  
Ion Ratio Lower Upper  
83 100  
131 8.6 5.3 15.9  
85 64.1 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 82.444 ug/l  
RT: 12.822 min Scan# 1859  
Delta R.T. 0.001 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 75 Resp: 309296  
Ion Ratio Lower Upper  
75 100  
77 0.0 98.5 295.5#

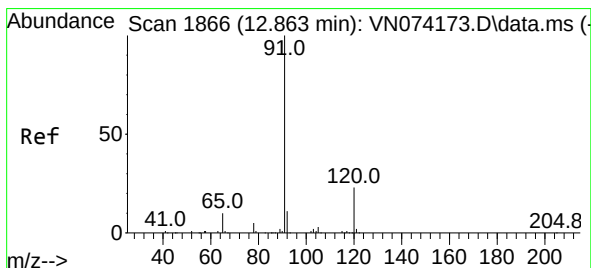
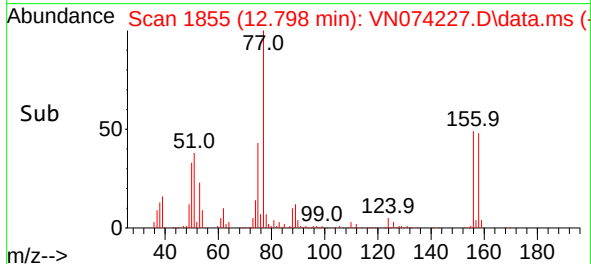
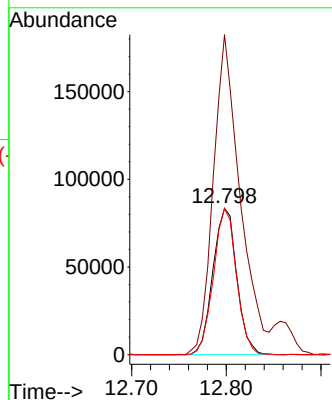
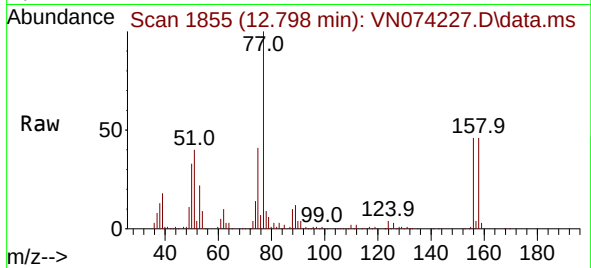




#77  
Bromobenzene  
Concen: 45.514 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

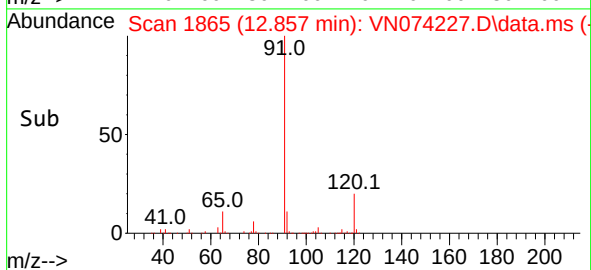
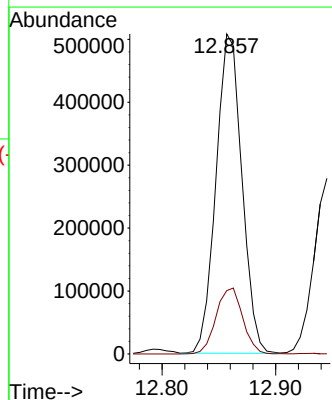
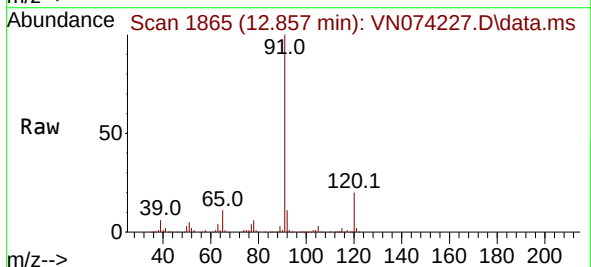
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

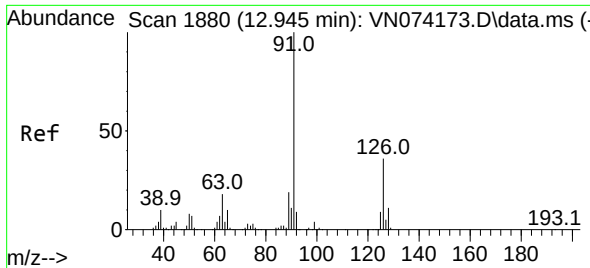
Tgt Ion:156 Resp: 145897  
Ion Ratio Lower Upper  
156 100  
77 245.8 100.5 301.5  
158 96.4 48.9 146.6



#78  
n-propylbenzene  
Concen: 51.468 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 91 Resp: 803950  
Ion Ratio Lower Upper  
91 100  
120 21.2 11.9 35.5

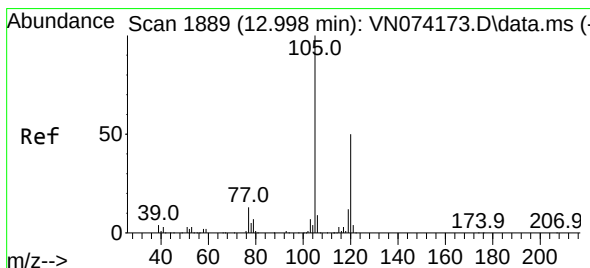
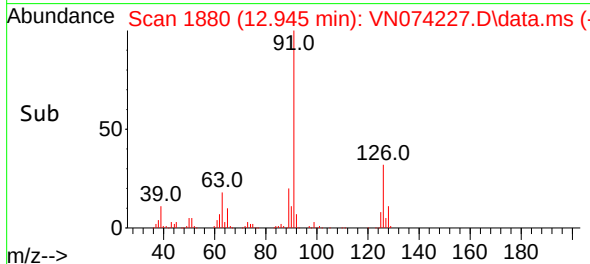
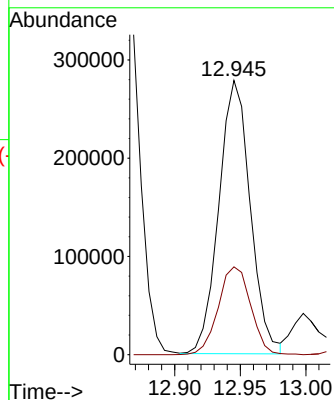
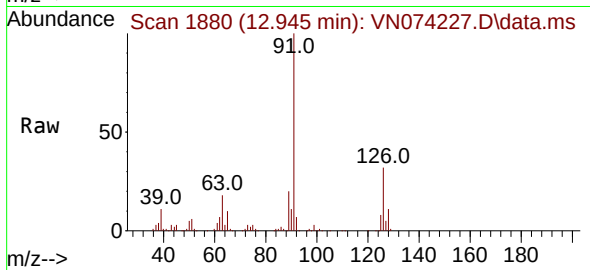




#79  
2-Chlorotoluene  
Concen: 48.439 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

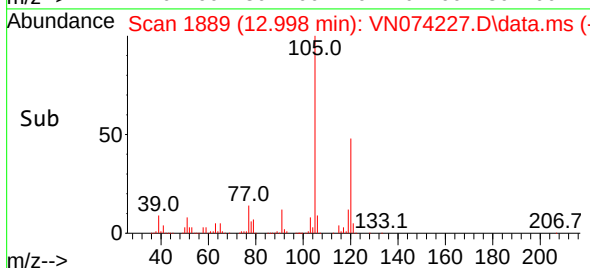
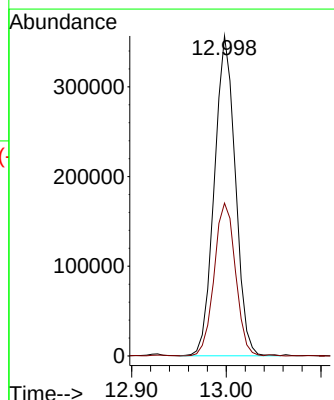
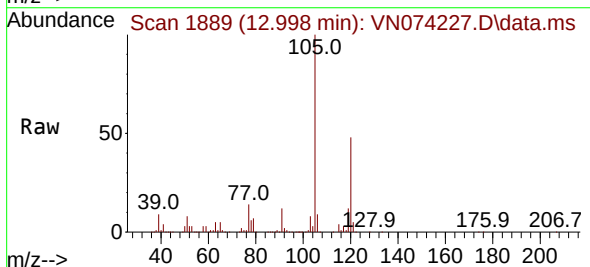
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

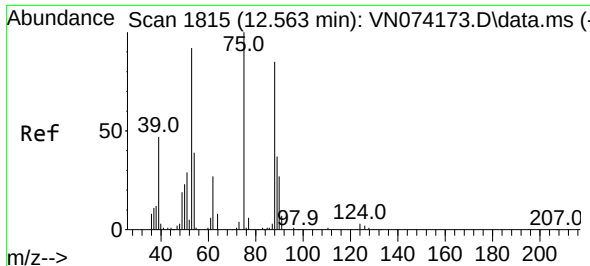
Tgt Ion: 91 Resp: 463459  
Ion Ratio Lower Upper  
91 100  
126 33.2 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 49.284 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 105 Resp: 549261  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.9 74.7

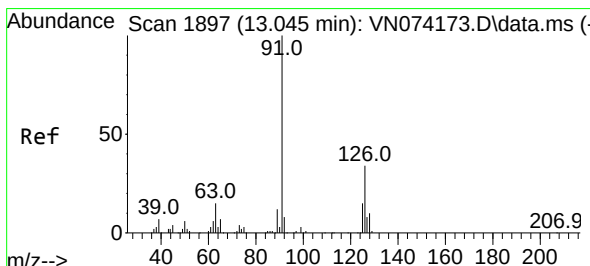
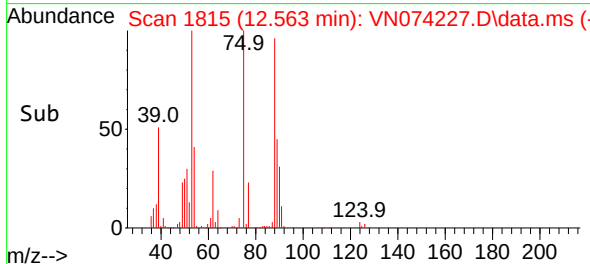
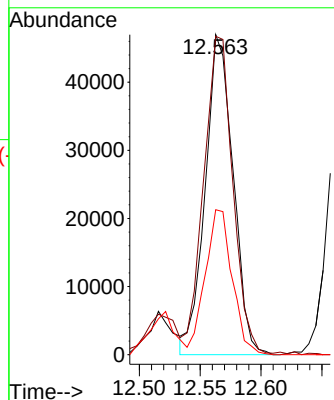
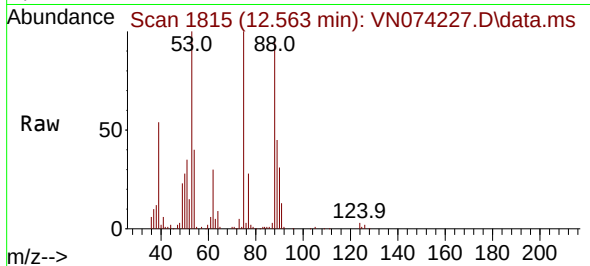




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.650 ug/l  
RT: 12.563 min Scan# 1815  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

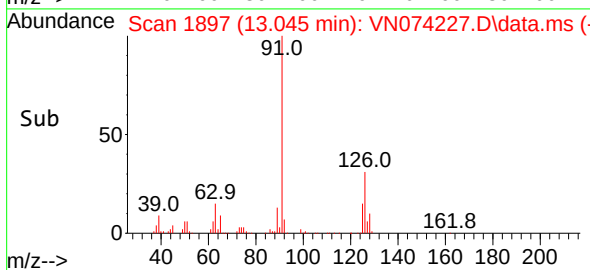
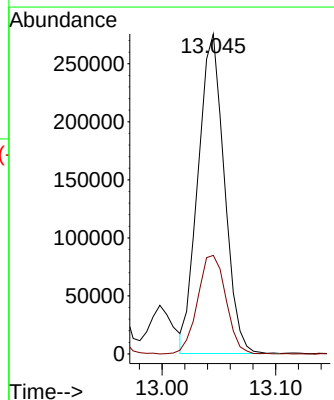
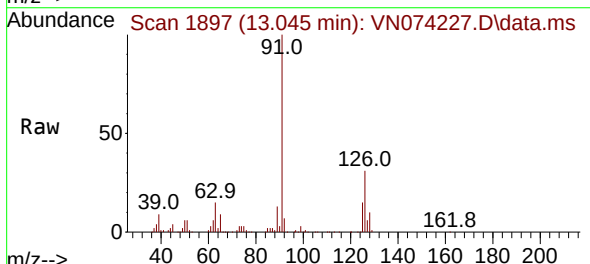
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

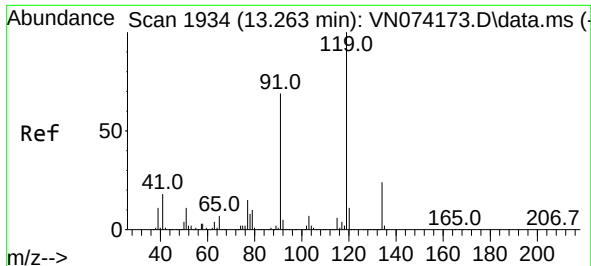
Tgt Ion: 75 Resp: 74999  
Ion Ratio Lower Upper  
75 100  
53 102.9 78.0 117.0  
89 43.8 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 47.651 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 91 Resp: 441155  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.2 51.6

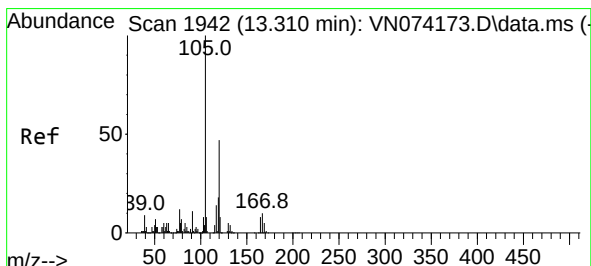
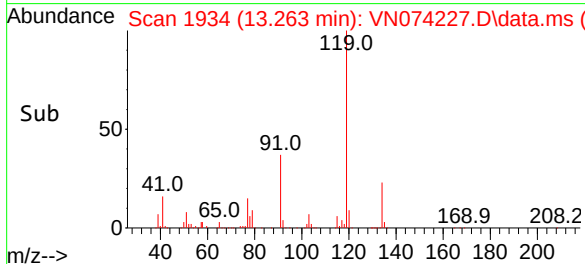
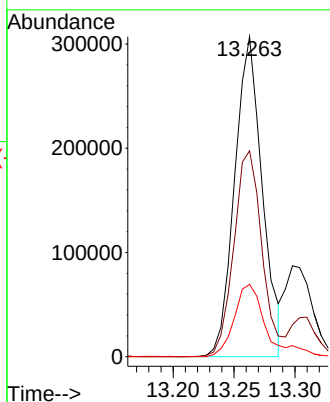
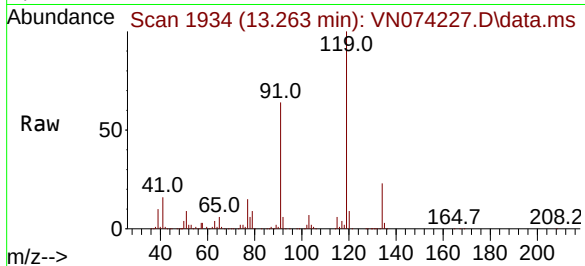




#83  
tert-Butylbenzene  
Concen: 50.812 ug/l  
RT: 13.263 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

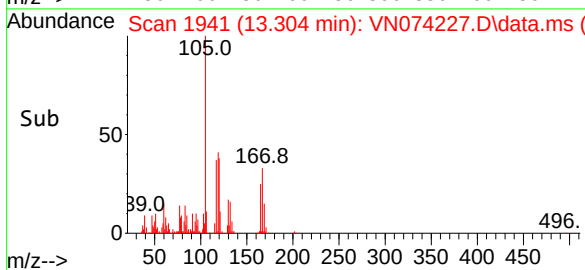
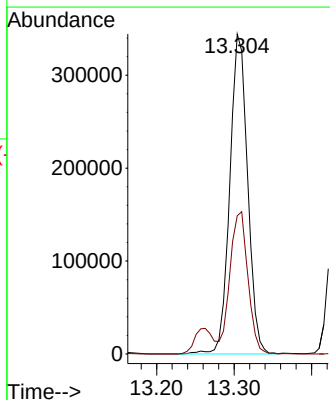
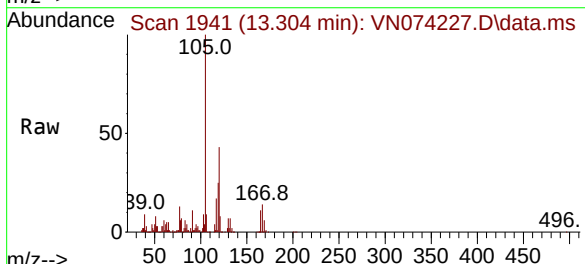
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

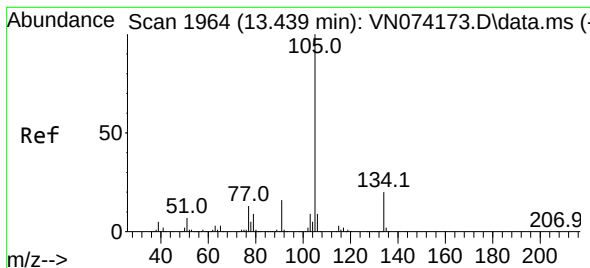
Tgt Ion:119 Resp: 484408  
Ion Ratio Lower Upper  
119 100  
91 66.3 31.6 94.8  
134 26.0 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 51.238 ug/l  
RT: 13.304 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion:105 Resp: 551124  
Ion Ratio Lower Upper  
105 100  
120 44.8 23.3 69.8





#85

sec-Butylbenzene

Concen: 52.261 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

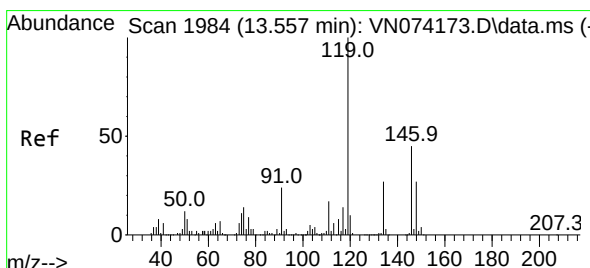
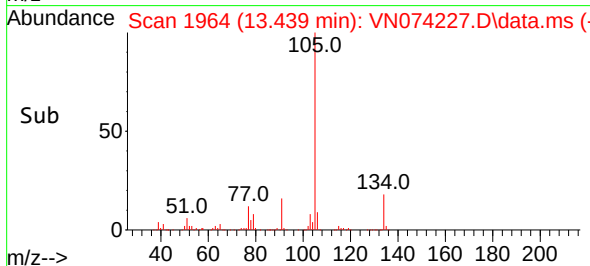
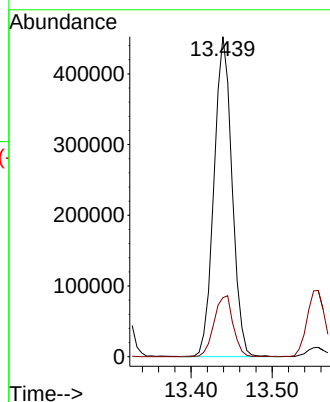
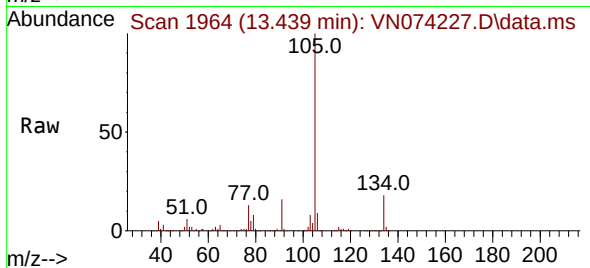
VSTDCCC050EC

Tgt Ion:105 Resp: 698888

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.935 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

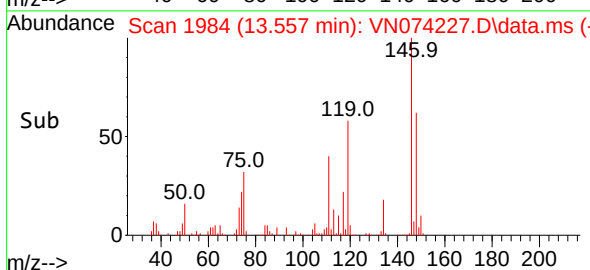
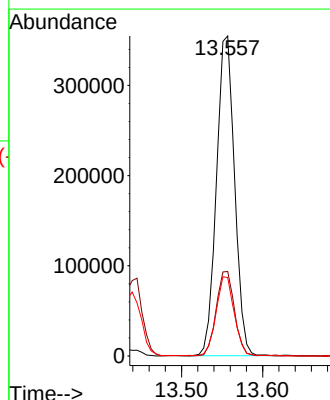
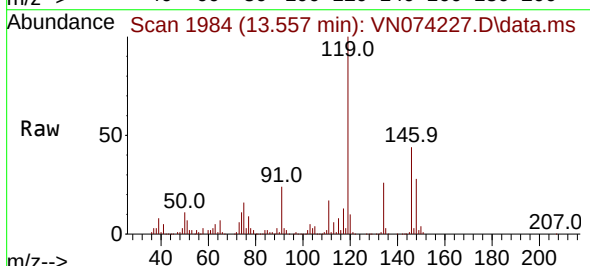
Tgt Ion:119 Resp: 550830

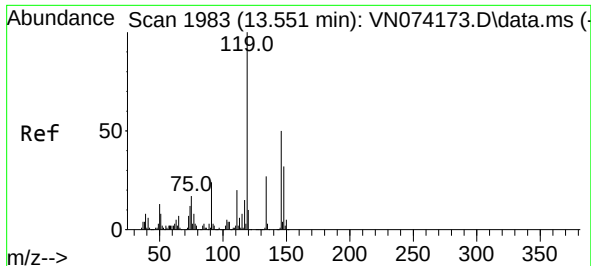
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.5 11.3 33.9

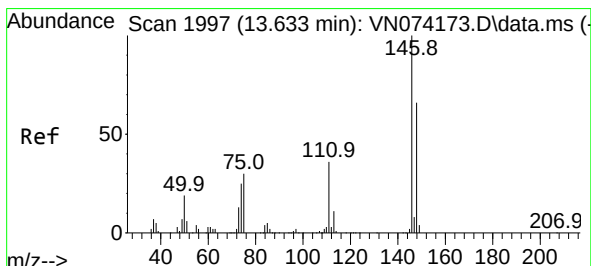
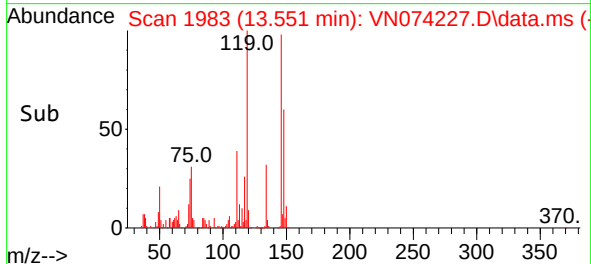
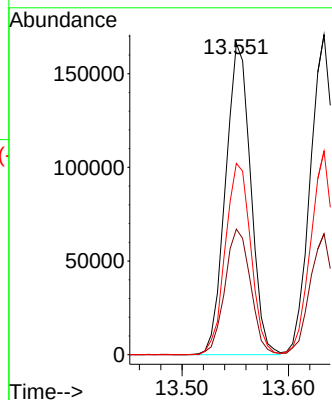
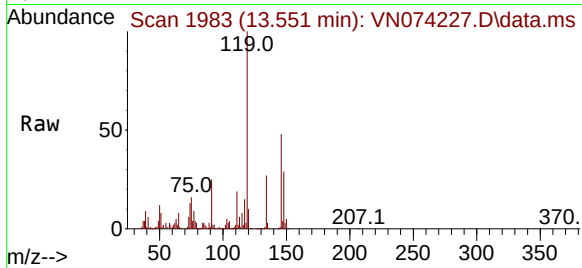




#87  
 1,3-Dichlorobenzene  
 Concen: 47.637 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

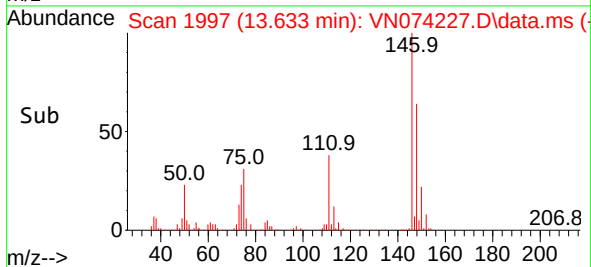
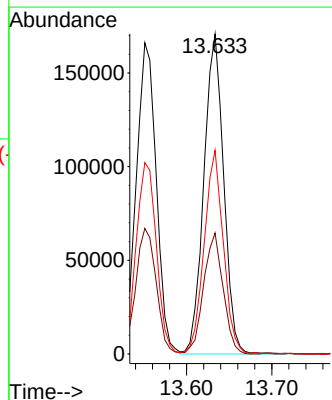
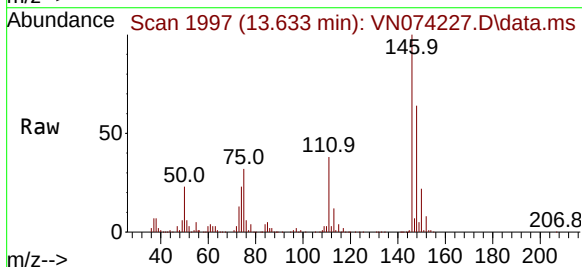
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:146 Resp: 272207  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.0 60.0  
 148 62.6 32.0 96.0

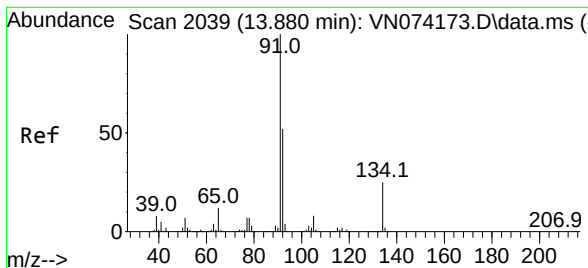


#88  
 1,4-Dichlorobenzene  
 Concen: 46.755 ug/l  
 RT: 13.633 min Scan# 1997  
 Delta R.T. 0.000 min  
 Lab File: VN074227.D  
 Acq: 31 Aug 2022 20:30

Tgt Ion:146 Resp: 276395  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 19.1 57.1  
 148 61.8 31.4 94.3







#89

n-Butylbenzene

Concen: 53.118 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

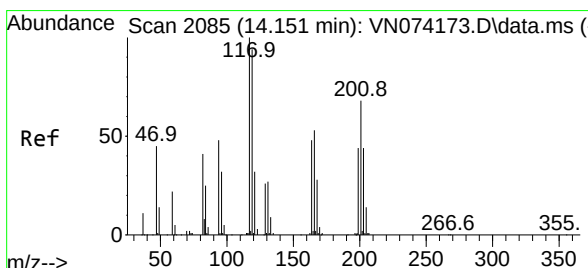
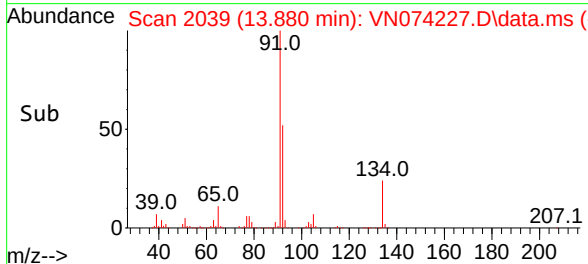
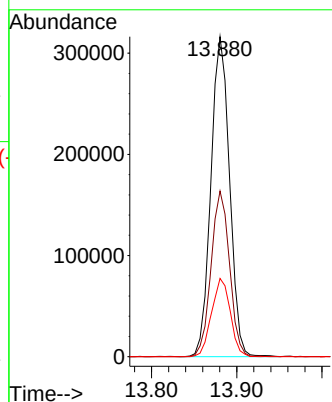
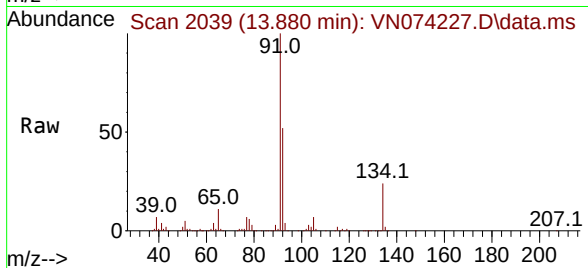
Tgt Ion: 91 Resp: 481392

Ion Ratio Lower Upper

91 100

92 51.3 26.9 80.7

134 24.5 13.6 40.8



#90

Hexachloroethane

Concen: 43.964 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.000 min

Lab File: VN074227.D

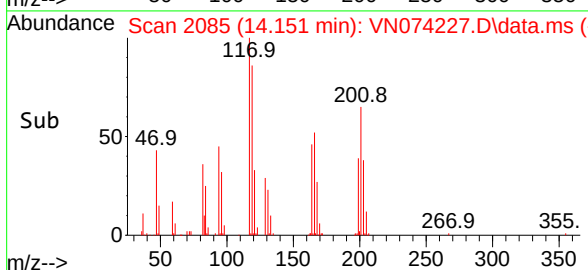
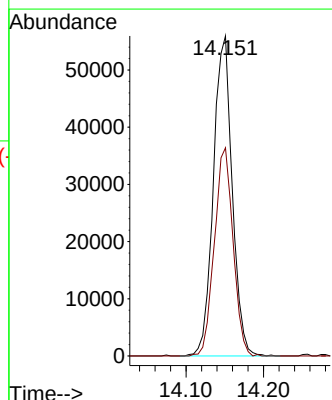
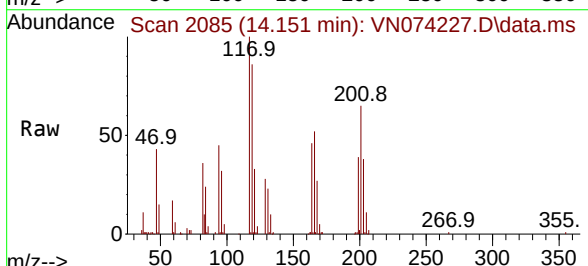
Acq: 31 Aug 2022 20:30

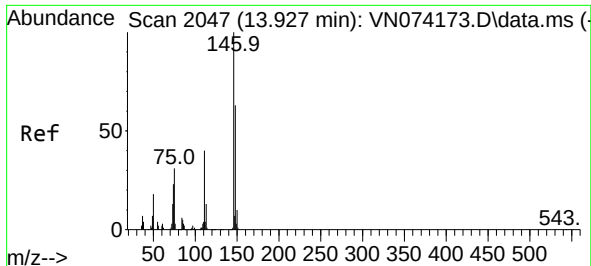
Tgt Ion: 117 Resp: 94314

Ion Ratio Lower Upper

117 100

201 64.5 40.6 122.0

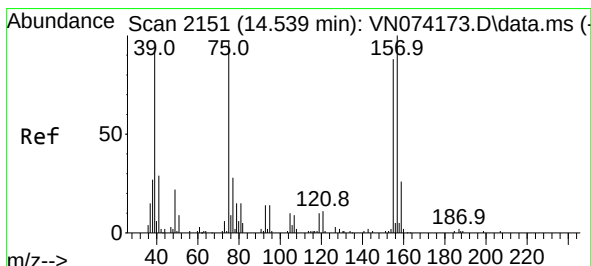
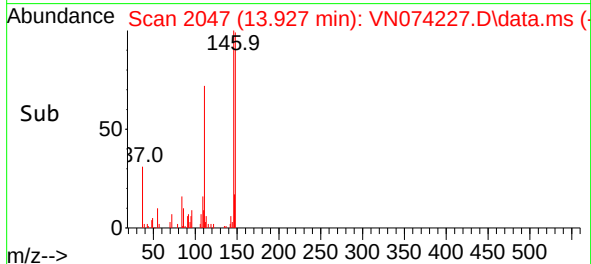
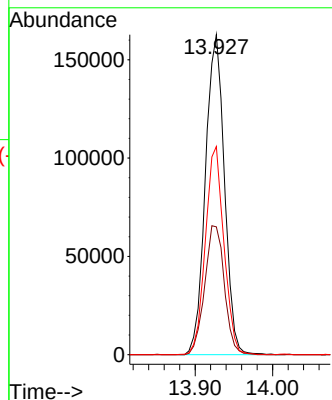
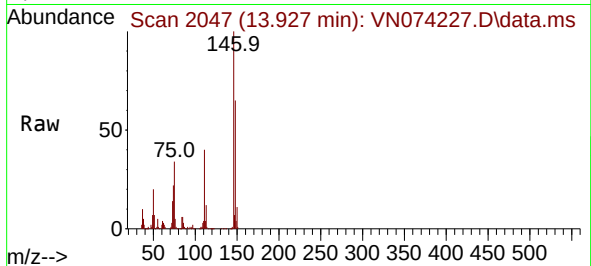




#91  
1,2-Dichlorobenzene  
Concen: 45.911 ug/l  
RT: 13.927 min Scan# 2047  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

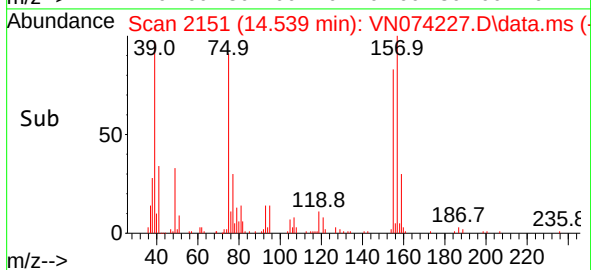
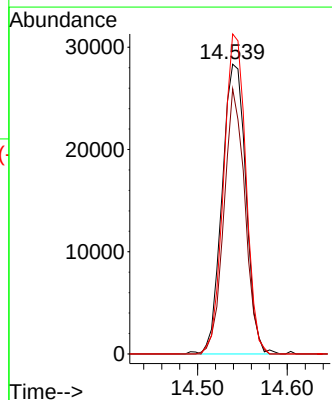
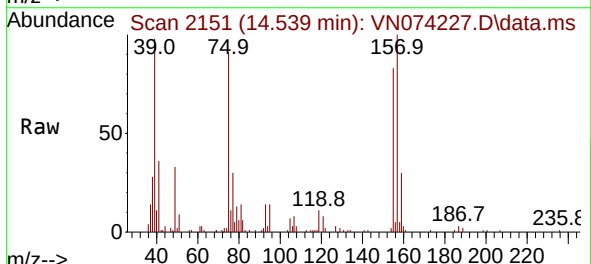
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

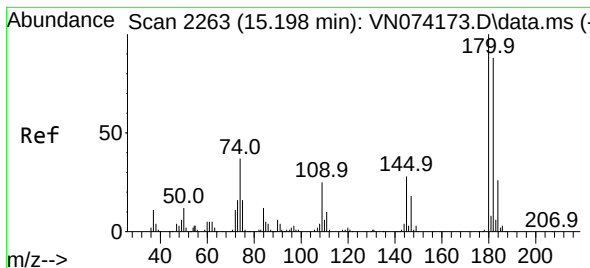
Tgt Ion:146 Resp: 276543  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.9 62.8  
148 63.5 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.977 ug/l  
RT: 14.539 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion: 75 Resp: 52225  
Ion Ratio Lower Upper  
75 100  
155 80.9 44.9 134.5  
157 102.9 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 48.391 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

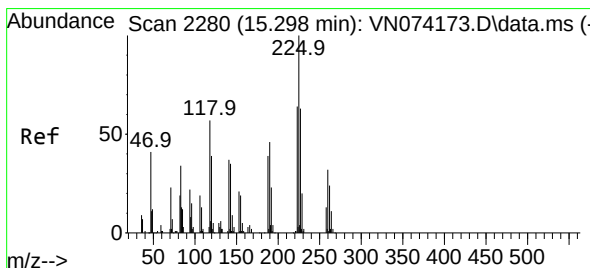
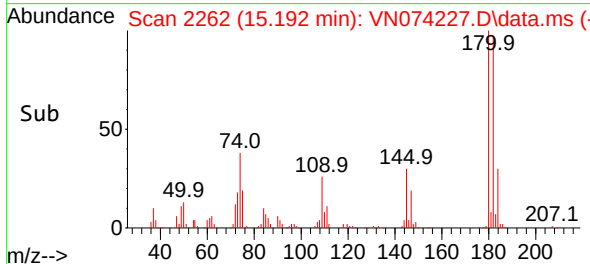
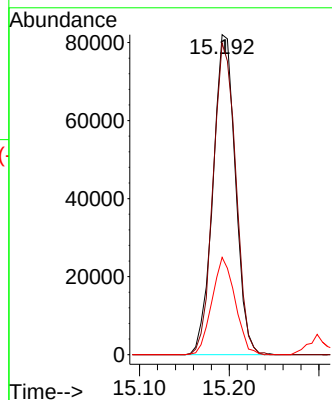
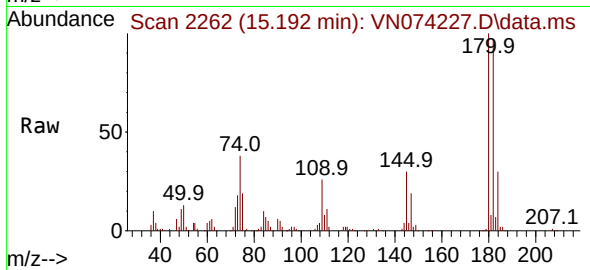
Tgt Ion:180 Resp: 142579

Ion Ratio Lower Upper

180 100

182 98.2 47.5 142.5

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 39.789 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN074227.D

Acq: 31 Aug 2022 20:30

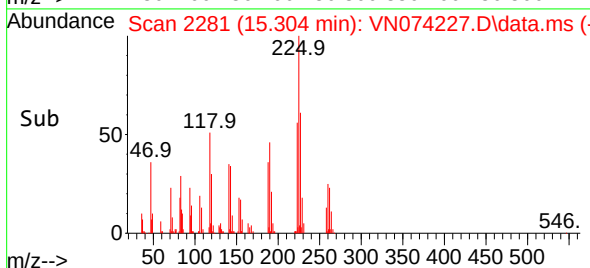
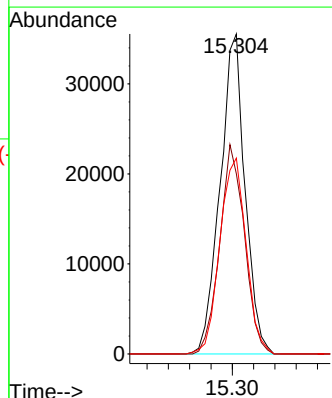
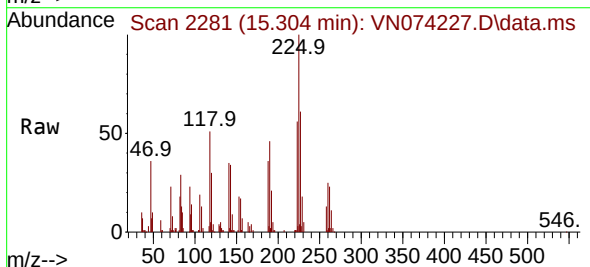
Tgt Ion:225 Resp: 57652

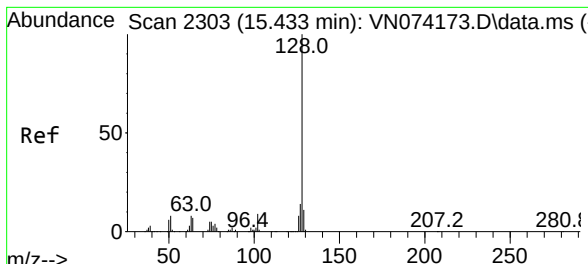
Ion Ratio Lower Upper

225 100

223 64.8 32.4 97.2

227 64.7 31.8 95.4

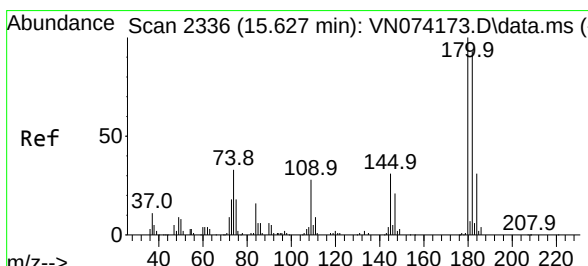
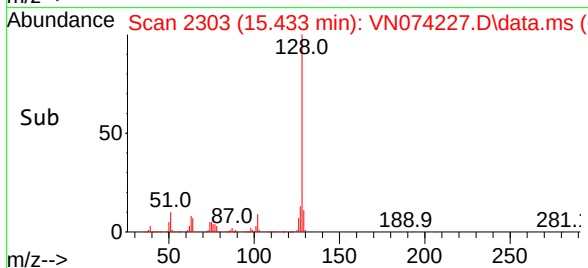
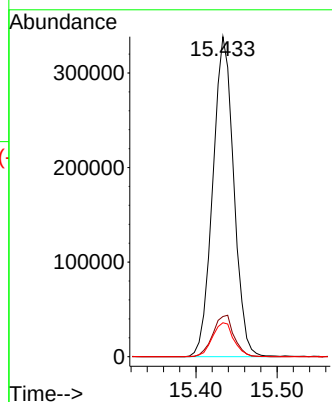
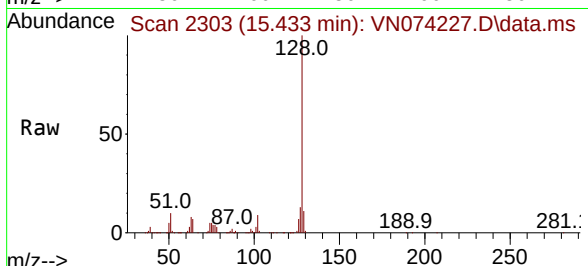




#95  
Naphthalene  
Concen: 50.055 ug/l  
RT: 15.433 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 607785  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 47.565 ug/l  
RT: 15.627 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VN074227.D  
Acq: 31 Aug 2022 20:30

Tgt Ion:180 Resp: 145179  
Ion Ratio Lower Upper  
180 100  
182 100.1 47.8 143.3  
145 35.3 15.5 46.5

