

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082522\  
 Data File : VN074129.D  
 Acq On : 25 Aug 2022 21:21  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Aug 26 02:08:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 472601   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 753071   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 688828   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.615 | 152  | 349407   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 258900   | 56.245   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 112.480% |      |
| 35) Dibromofluoromethane    | 7.951  | 113   | 235147   | 52.800   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.600% |      |
| 50) Toluene-d8              | 10.380 | 98    | 847820   | 49.154   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.300%  |      |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 304115   | 53.126   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.260% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 213456  | 56.962  | ug/l   | 97  |
| 3) Chloromethane             | 2.269 | 50  | 194004  | 46.556  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.404 | 62  | 271795  | 50.806  | ug/l   | 99  |
| 5) Bromomethane              | 2.781 | 94  | 138810  | 41.552  | ug/l   | 100 |
| 6) Chloroethane              | 2.951 | 64  | 186141  | 49.253  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.304 | 101 | 390471  | 56.582  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.763 | 74  | 148509  | 57.973  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.134 | 101 | 200603  | 50.040  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.345 | 142 | 172211  | 35.782  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.298 | 59  | 340197  | 330.402 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.104 | 96  | 203350  | 54.518  | ug/l   | 98  |
| 13) Acrolein                 | 3.981 | 56  | 151531  | 210.253 | ug/l   | 99  |
| 14) Allyl chloride           | 4.757 | 41  | 325989  | 59.013  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.475 | 53  | 876741  | 348.772 | ug/l   | 99  |
| 16) Acetone                  | 4.222 | 43  | 711901  | 327.809 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.451 | 76  | 514118  | 57.969  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.775 | 43  | 382016  | 71.476  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.534 | 73  | 771089  | 57.400  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.010 | 84  | 255885  | 55.838  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 5.510 | 96  | 223519  | 54.393  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.416 | 45  | 736022  | 62.841  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.351 | 43  | 3219979 | 320.812 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 428615  | 58.791  | ug/l   | 98  |
| 25) 2-Butanone               | 7.263 | 43  | 1181027 | 342.979 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.245 | 77  | 220371  | 32.173  | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 7.251 | 96  | 279270  | 55.082  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.580 | 49  | 154333  | 57.396  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.610 | 42  | 758512  | 343.389 | ug/l   | 98  |
| 30) Chloroform               | 7.745 | 83  | 457660  | 56.139  | ug/l   | 98  |
| 31) Cyclohexane              | 8.022 | 56  | 350010  | 54.545  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 385826  | 53.369  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 313969  | 50.756  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.339 | 43  | 423282  | 56.482  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.133 | 117 | 328533  | 46.464  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.398 | 83  | 363612  | 46.912  | ug/l   | 97  |
| 40) Benzene                  | 8.392 | 78  | 1037994 | 53.166  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082522\  
 Data File : VN074129.D  
 Acq On : 25 Aug 2022 21:21  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 26 02:08:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.563  | 41   | 203538   | 60.099   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 344980   | 51.390   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.498  | 43   | 594188   | 55.656   | ug/l   | 97       |
| 44) Trichloroethene           | 9.151  | 130  | 258056   | 45.763   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.427  | 63   | 261784   | 55.942   | ug/l   | 100      |
| 46) Dibromomethane            | 9.516  | 93   | 182059   | 51.172   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.698  | 83   | 358154   | 52.669   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.498  | 41   | 266968   | 58.442   | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 162601   | 1196.949 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.274 | 43   | 2188000  | 303.129  | ug/l   | 98       |
| 52) Toluene                   | 10.445 | 92   | 646014   | 48.255   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.663 | 75   | 349009   | 48.910   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.127 | 75   | 386339   | 49.484   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 274554   | 52.721   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.704 | 69   | 443982   | 59.775   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.986 | 76   | 461718   | 54.529   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.980  | 63   | 921469   | 265.817  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.027 | 43   | 1736563  | 312.608  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.180 | 129  | 297313   | 51.626   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 288363   | 51.770   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.916 | 164  | 226013   | 41.571   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.710 | 112  | 706237   | 48.243   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 277805   | 50.113   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.786 | 91   | 1223106  | 50.239   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.892 | 106  | 968359   | 97.894   | ug/l   | 99       |
| 69) o-Xylene                  | 12.221 | 106  | 486836   | 49.078   | ug/l   | 98       |
| 70) Styrene                   | 12.233 | 104  | 802614   | 51.681   | ug/l   | 99       |
| 71) Bromoform                 | 12.398 | 173  | 246908   | 49.887   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.521 | 105  | 1220851  | 47.984   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.327 | 43   | 494524   | 51.415   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 462949   | 54.223   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.821 | 75   | 554514   | 76.354   | ug/l # | 1        |
| 77) Bromobenzene              | 12.798 | 156  | 321511   | 46.685   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.863 | 91   | 1376236  | 50.745   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 846130   | 50.064   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 1035444  | 50.034   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.568 | 75   | 119258   | 46.705   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 816194   | 50.846   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.262 | 119  | 922186   | 48.425   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 1031899  | 49.932   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 1255526  | 50.861   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 1076181  | 51.174   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.557 | 146  | 571773   | 47.875   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 561611   | 46.401   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.880 | 91   | 812150   | 48.757   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.151 | 117  | 188470   | 49.029   | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 586938   | 47.591   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.545 | 75   | 108733   | 53.937   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 343784   | 45.800   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 170012   | 42.967   | ug/l   | 99       |
| 95) Naphthalene               | 15.433 | 128  | 1236984  | 50.548   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 358692   | 46.232   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082522\  
Data File : VN074129.D  
Acq On : 25 Aug 2022 21:21  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 25 Sample Multiplier: 1

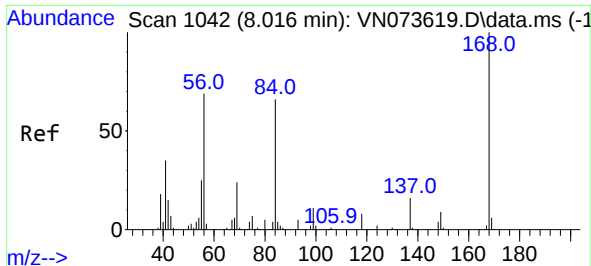
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Aug 26 02:08:36 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 16 00:45:21 2022  
Response via : Initial Calibration

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

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

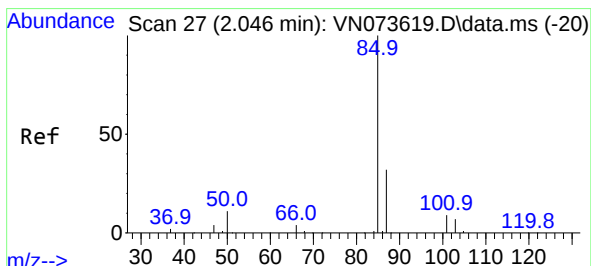
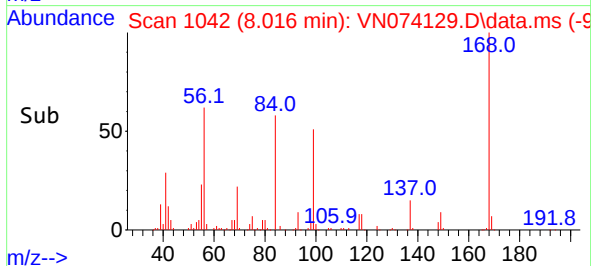
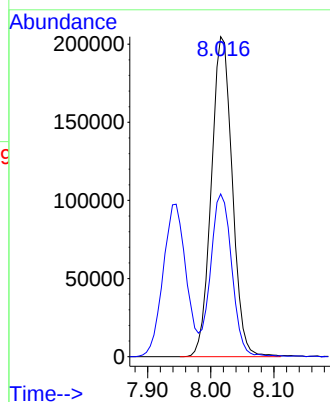
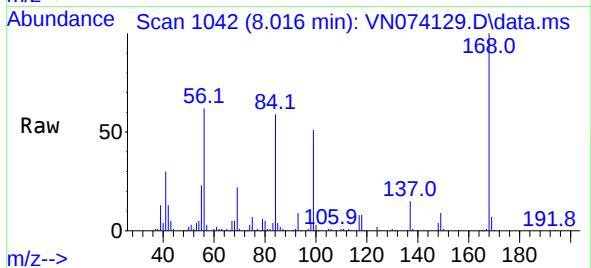




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

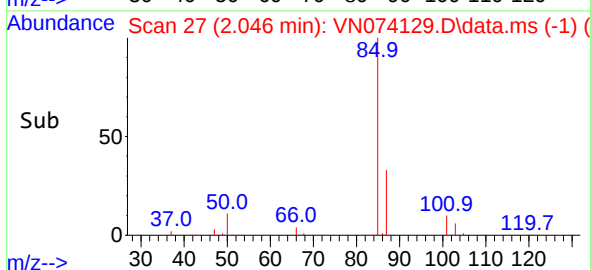
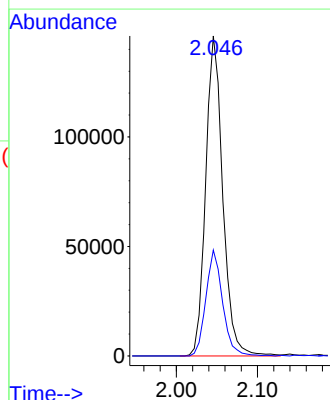
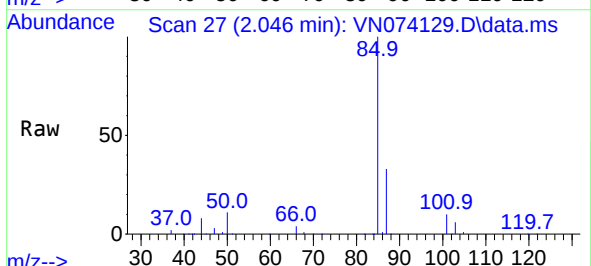
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

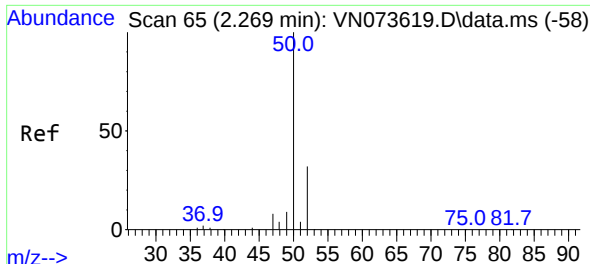
Tgt Ion:168 Resp: 472601  
Ion Ratio Lower Upper  
168 100  
99 50.6 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 56.962 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 85 Resp: 213456  
Ion Ratio Lower Upper  
85 100  
87 33.1 15.7 47.1

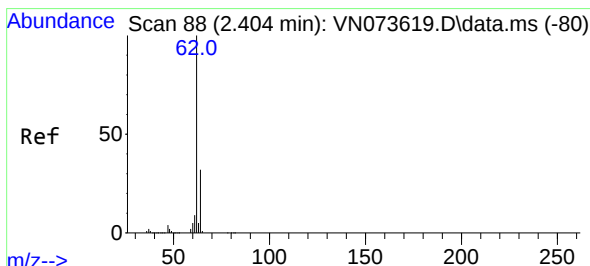
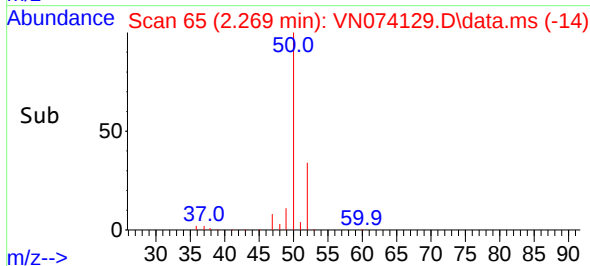
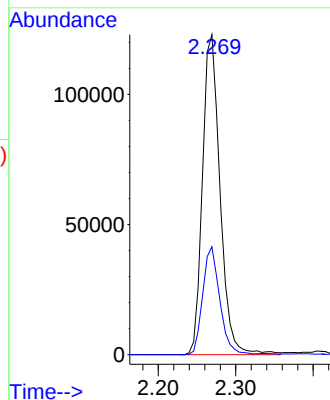
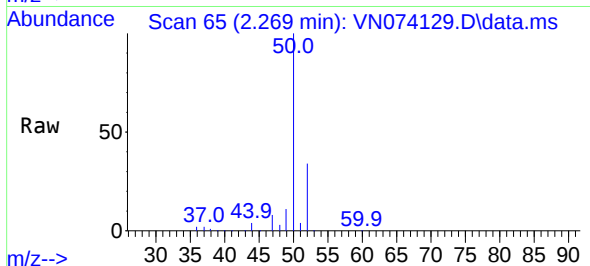




#3  
Chloromethane  
Concen: 46.556 ug/l  
RT: 2.269 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

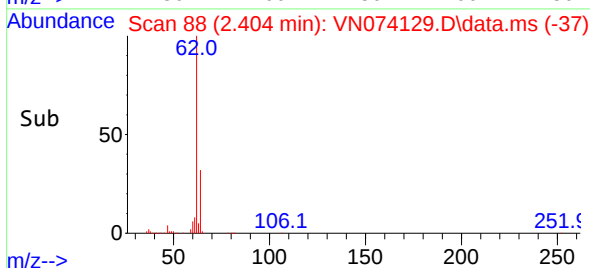
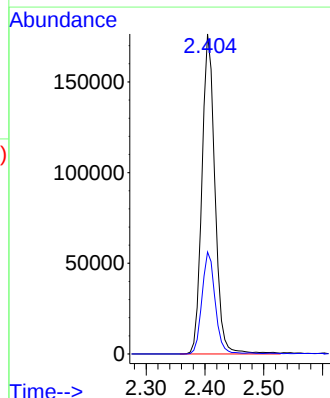
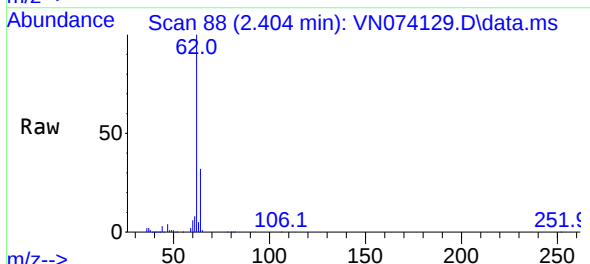
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

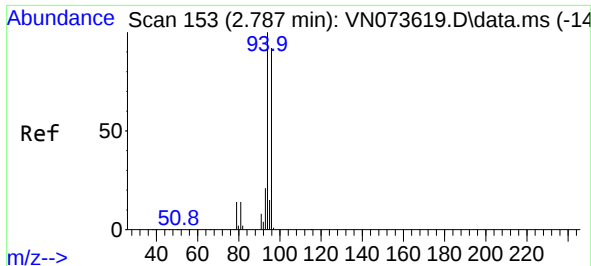
Tgt Ion: 50 Resp: 194004  
Ion Ratio Lower Upper  
50 100  
52 33.8 25.7 38.5



#4  
Vinyl Chloride  
Concen: 50.806 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 62 Resp: 271795  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.0 37.4

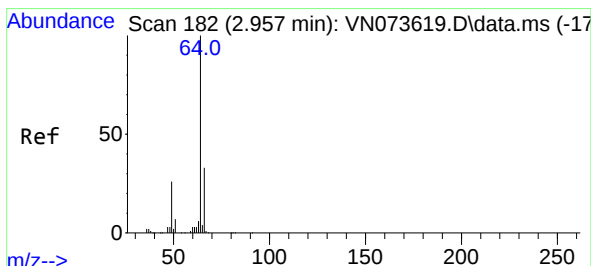
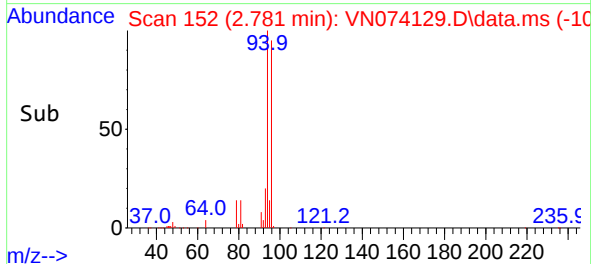
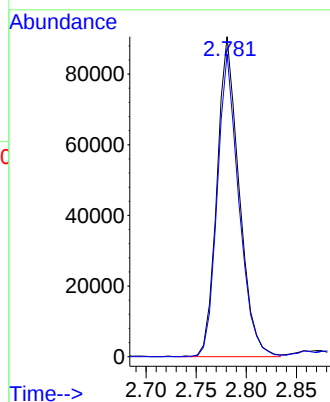
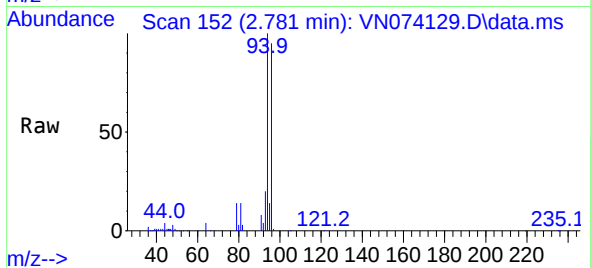




#5  
Bromomethane  
Concen: 41.552 ug/l  
RT: 2.781 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

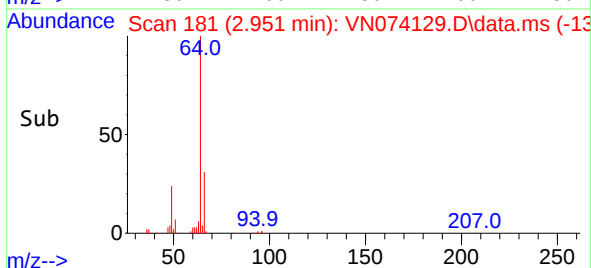
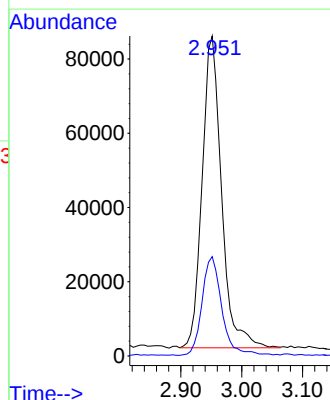
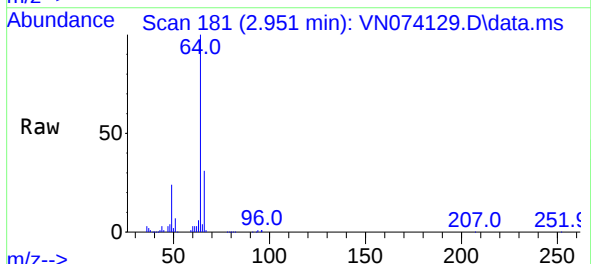
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

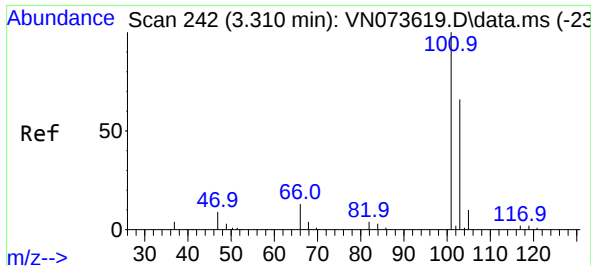
Tgt Ion: 94 Resp: 138810  
Ion Ratio Lower Upper  
94 100  
96 94.6 76.0 114.0



#6  
Chloroethane  
Concen: 49.253 ug/l  
RT: 2.951 min Scan# 181  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 64 Resp: 186141  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.2 39.4

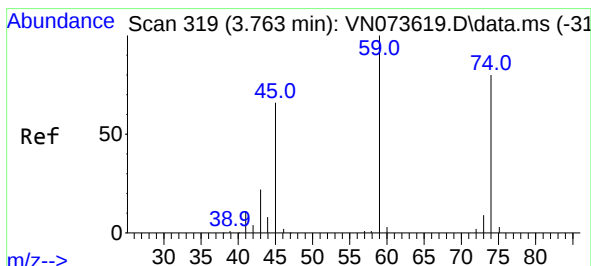
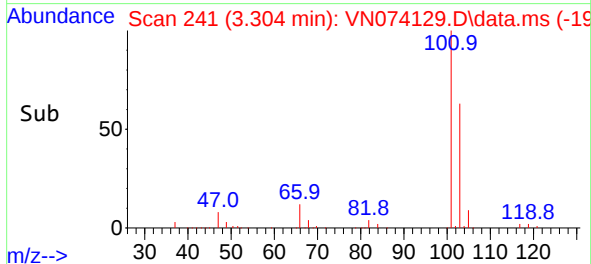
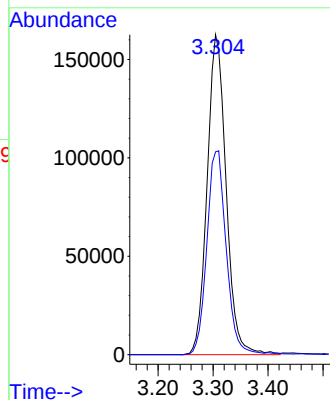
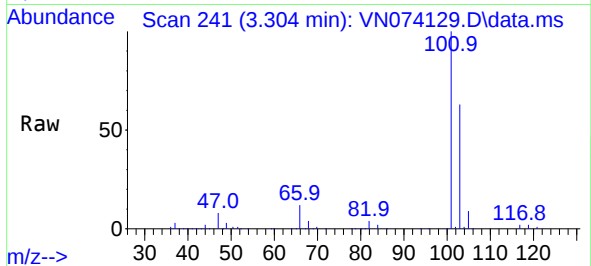




#7  
Trichlorofluoromethane  
Concen: 56.582 ug/l  
RT: 3.304 min Scan# 241  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

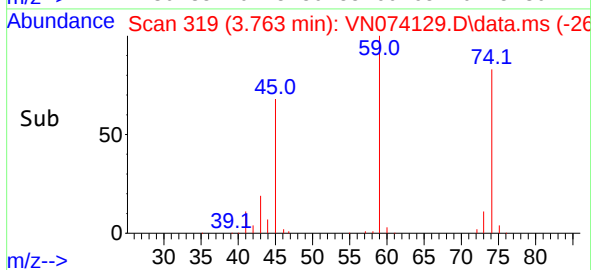
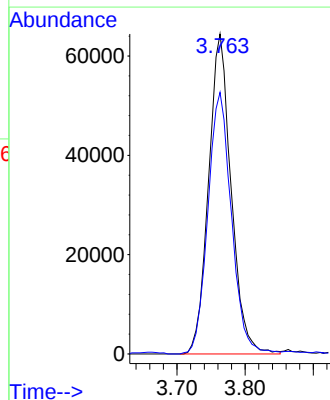
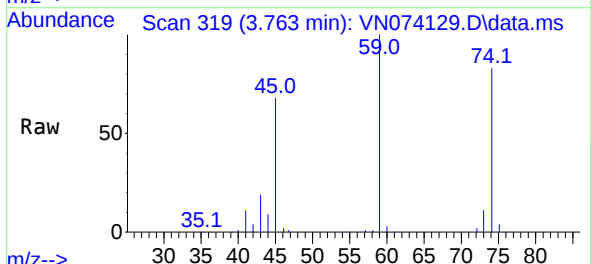
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

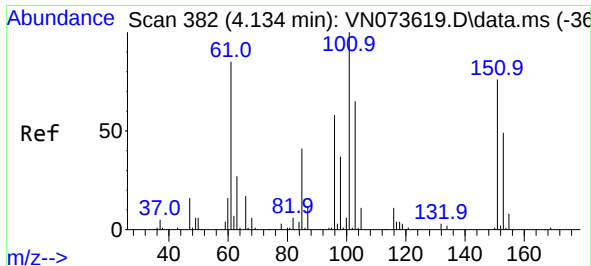
Tgt Ion:101 Resp: 390471  
Ion Ratio Lower Upper  
101 100  
103 63.4 51.5 77.3



#8  
Diethyl Ether  
Concen: 57.973 ug/l  
RT: 3.763 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 74 Resp: 148509  
Ion Ratio Lower Upper  
74 100  
45 85.4 42.9 128.5

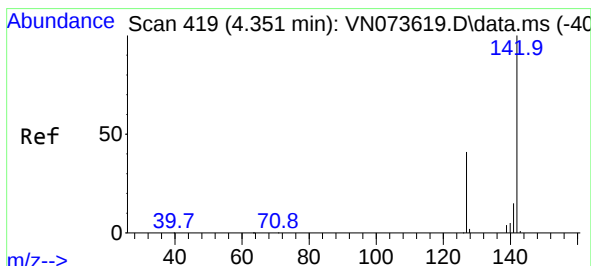
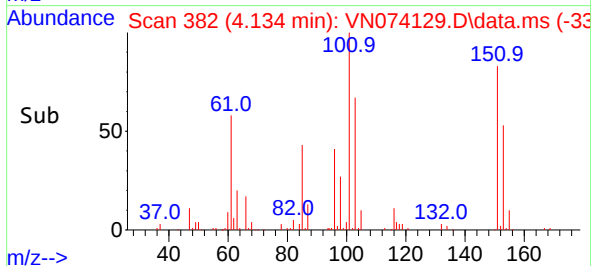
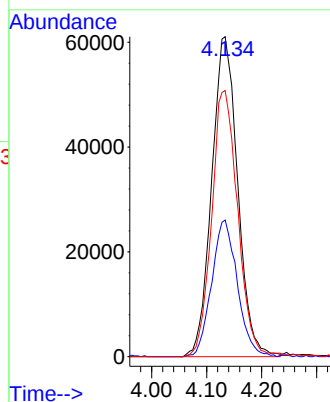
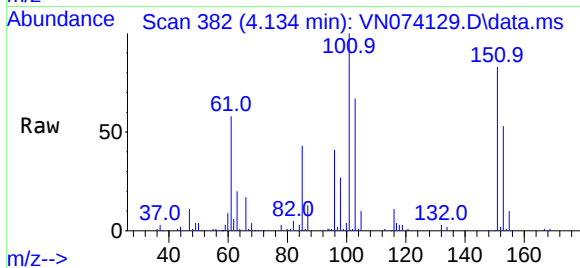




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.040 ug/l  
RT: 4.134 min Scan# 382  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

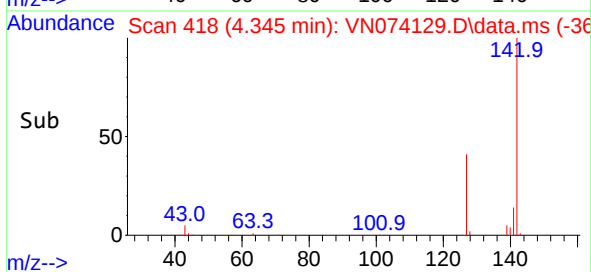
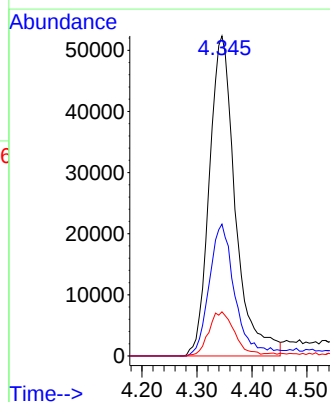
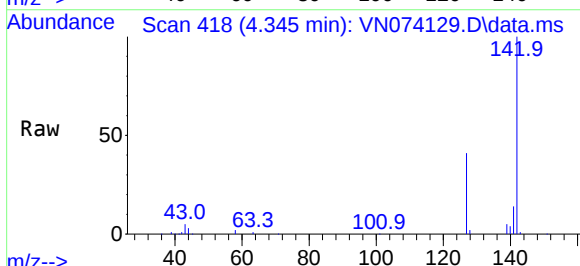
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

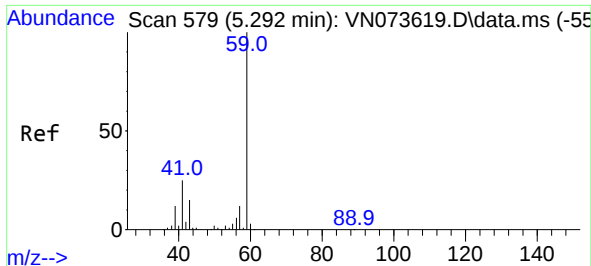
Tgt Ion:101 Resp: 200603  
Ion Ratio Lower Upper  
101 100  
85 42.2 34.7 52.1  
151 83.4 63.0 94.4



#10  
Methyl Iodide  
Concen: 35.782 ug/l  
RT: 4.345 min Scan# 418  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:142 Resp: 172211  
Ion Ratio Lower Upper  
142 100  
127 41.0 31.3 46.9  
141 13.8 11.2 16.8

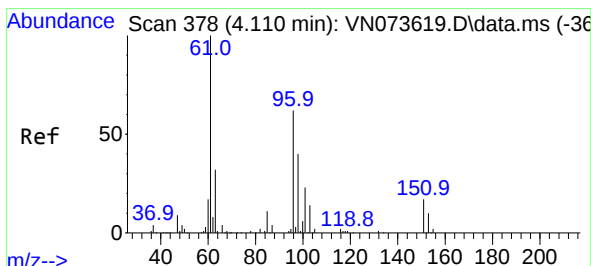
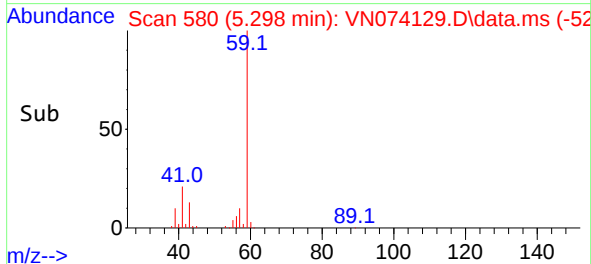
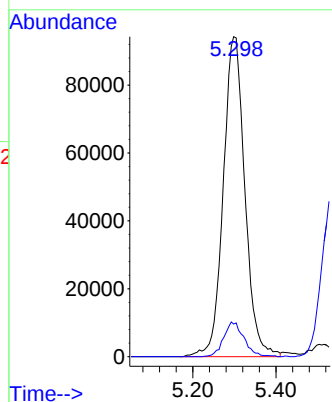
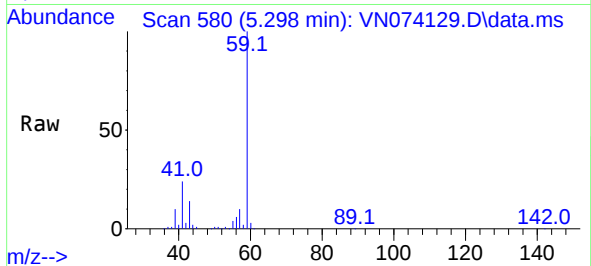




#11  
Tert butyl alcohol  
Concen: 330.402 ug/l  
RT: 5.298 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

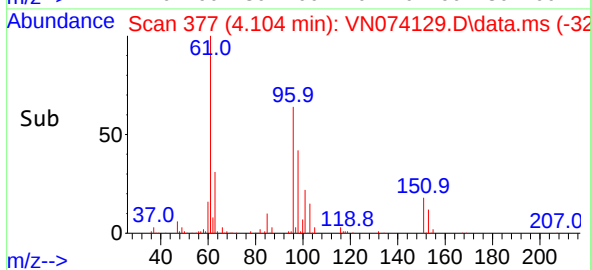
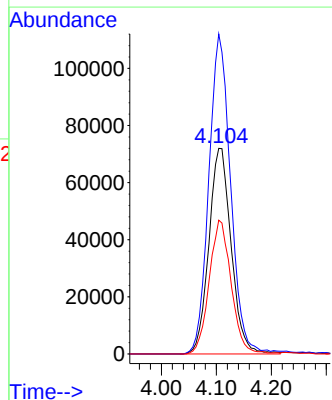
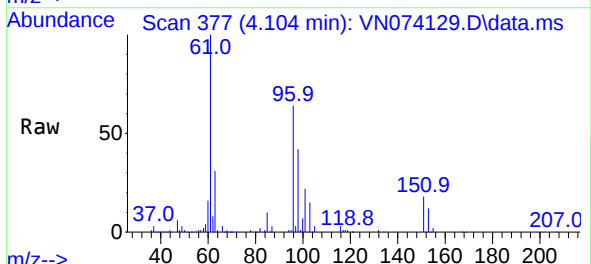
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

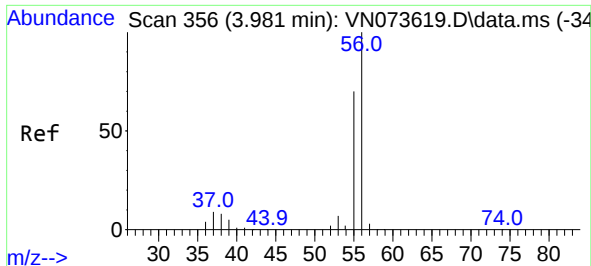
Tgt Ion: 59 Resp: 340197  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 54.518 ug/l  
RT: 4.104 min Scan# 377  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 96 Resp: 203350  
Ion Ratio Lower Upper  
96 100  
61 155.6 127.6 191.4  
98 65.0 51.2 76.8

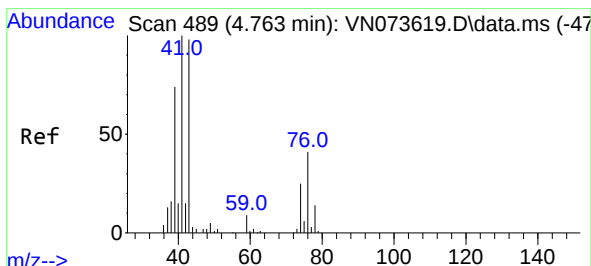
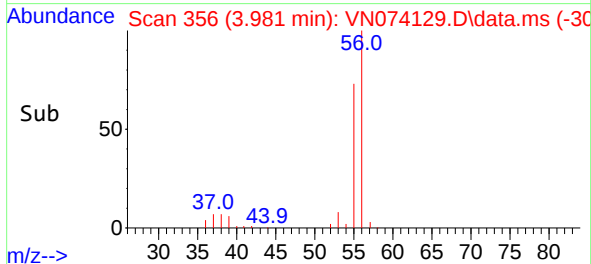
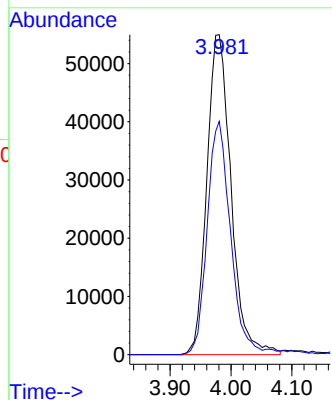
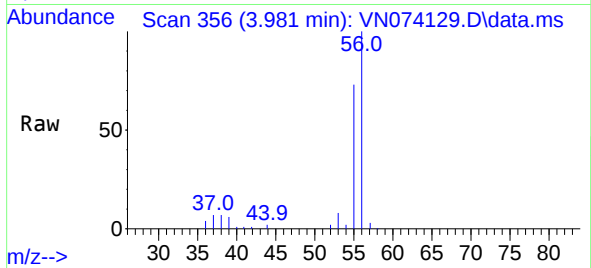




#13  
Acrolein  
Concen: 210.253 ug/l  
RT: 3.981 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

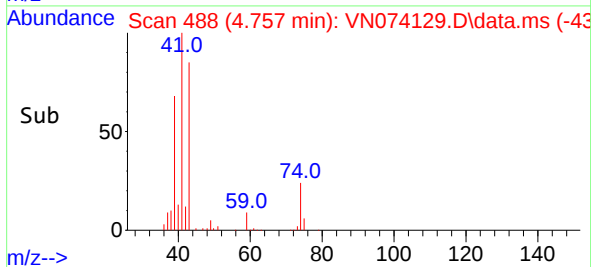
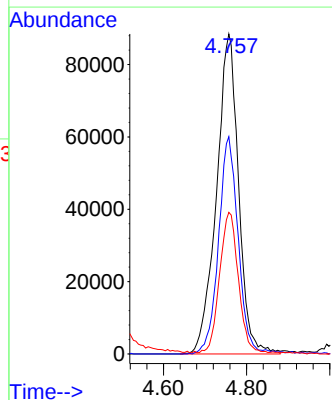
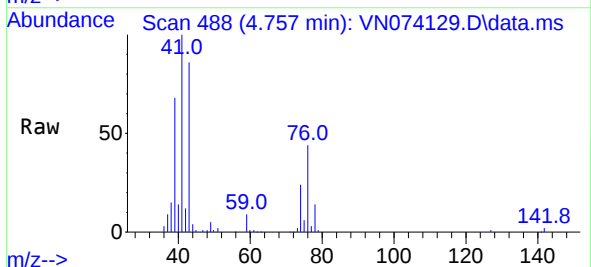
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

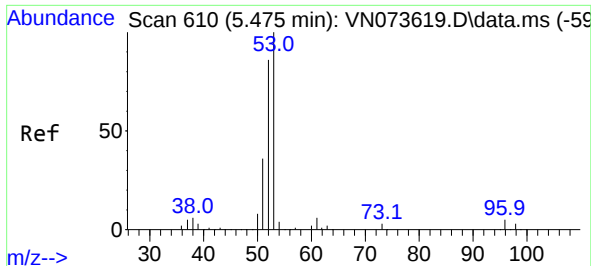
Tgt Ion: 56 Resp: 151531  
Ion Ratio Lower Upper  
56 100  
55 69.6 54.8 82.2



#14  
Allyl chloride  
Concen: 59.013 ug/l  
RT: 4.757 min Scan# 488  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 41 Resp: 325989  
Ion Ratio Lower Upper  
41 100  
39 60.5 53.2 79.8  
76 36.8 29.9 44.9

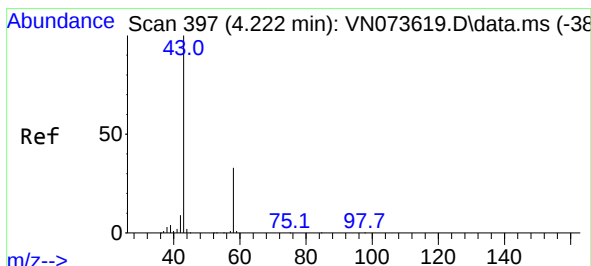
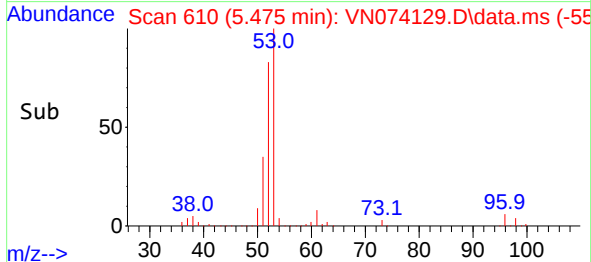
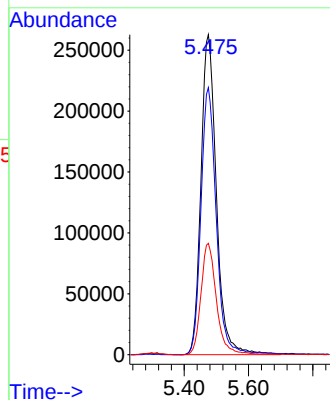
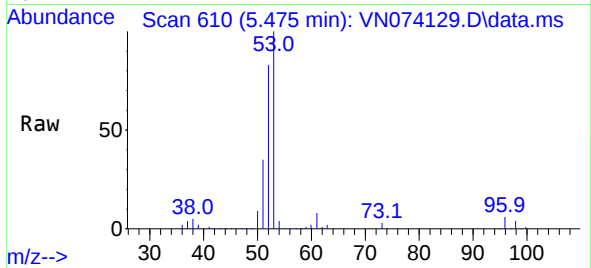




#15  
Acrylonitrile  
Concen: 348.772 ug/l  
RT: 5.475 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

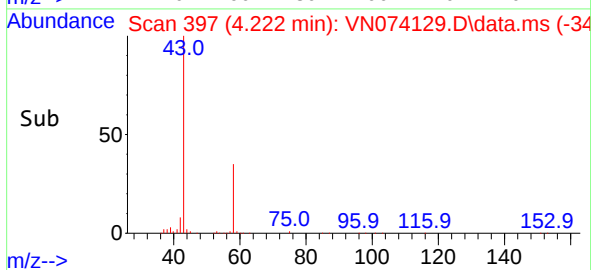
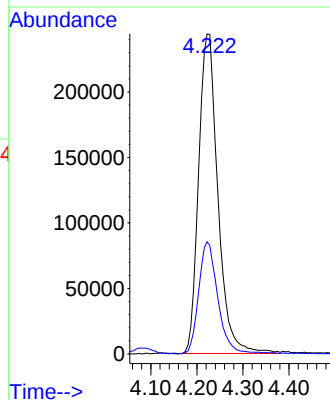
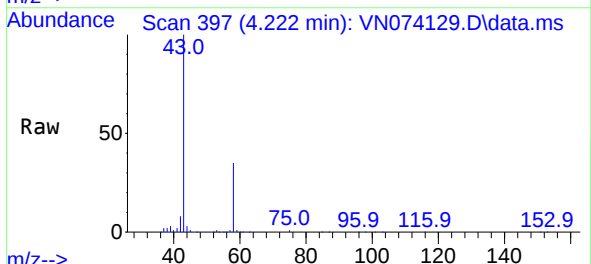
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

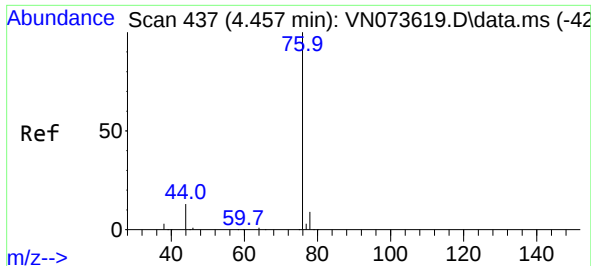
Tgt Ion: 53 Resp: 876741  
Ion Ratio Lower Upper  
53 100  
52 82.2 66.4 99.6  
51 35.0 28.5 42.7



#16  
Acetone  
Concen: 327.809 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 43 Resp: 711901  
Ion Ratio Lower Upper  
43 100  
58 35.0 26.0 39.0

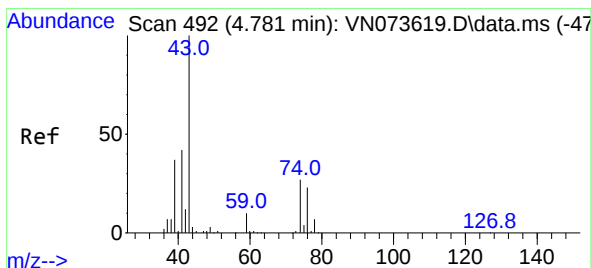
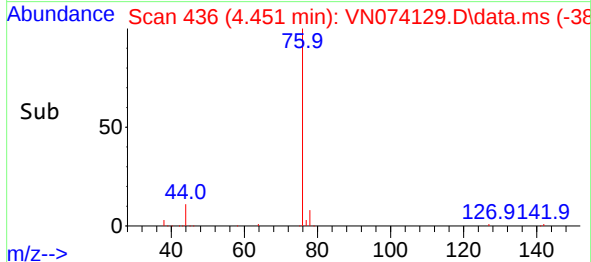
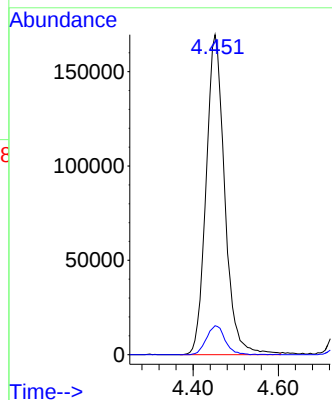
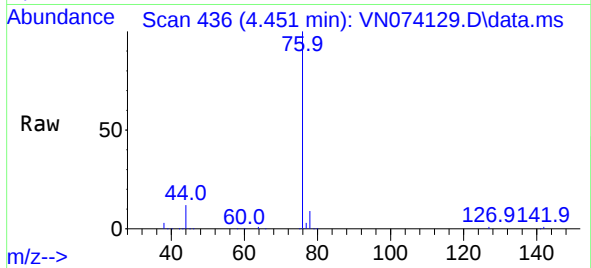




#17  
Carbon Disulfide  
Concen: 57.969 ug/l  
RT: 4.451 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

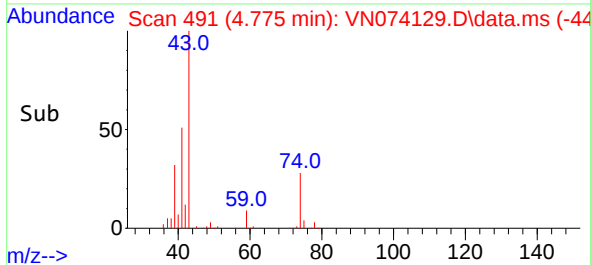
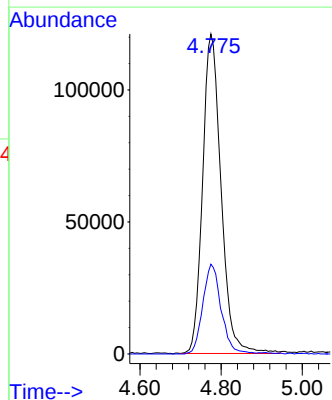
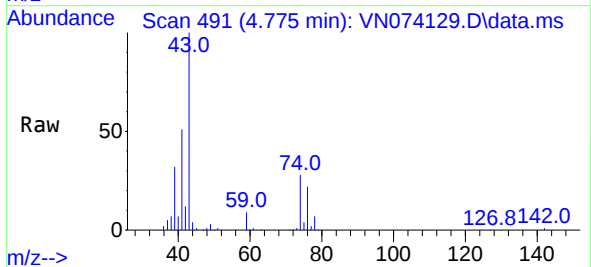
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

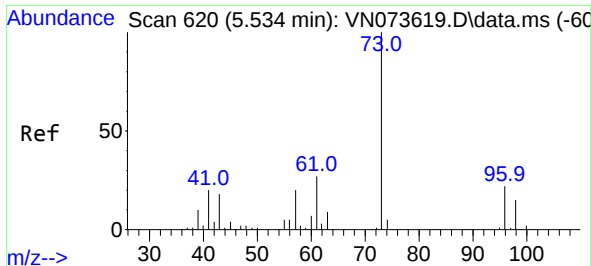
Tgt Ion: 76 Resp: 514118  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 71.476 ug/l  
RT: 4.775 min Scan# 491  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 43 Resp: 382016  
Ion Ratio Lower Upper  
43 100  
74 27.9 21.6 32.4

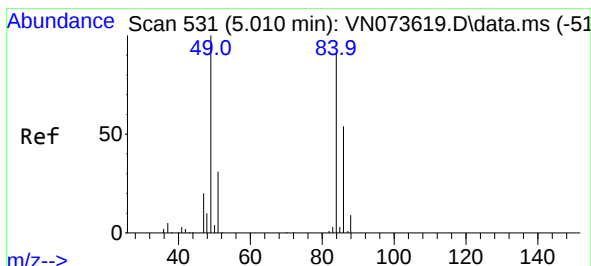
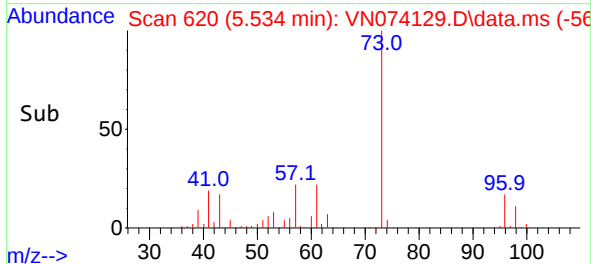
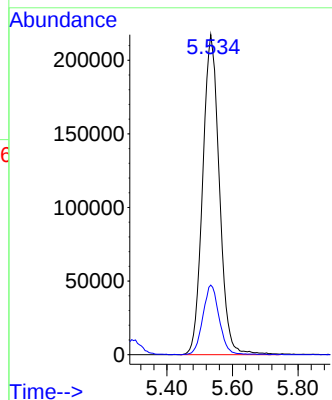
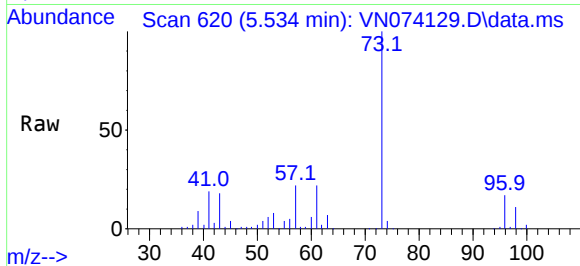




#19  
Methyl tert-butyl Ether  
Concen: 57.400 ug/l  
RT: 5.534 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

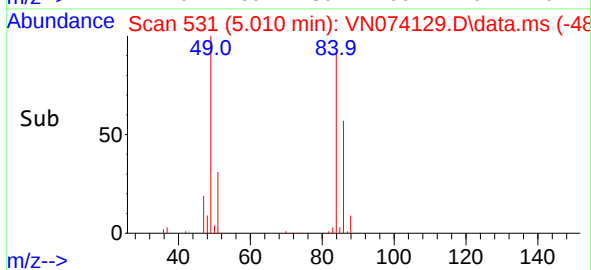
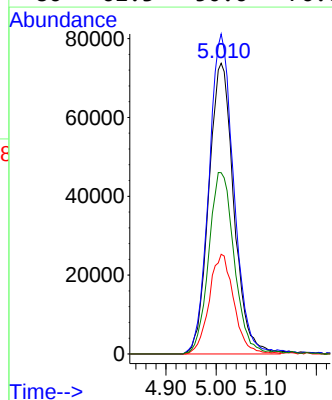
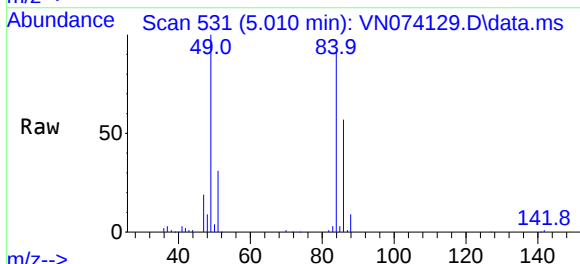
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ClientSampleId :  
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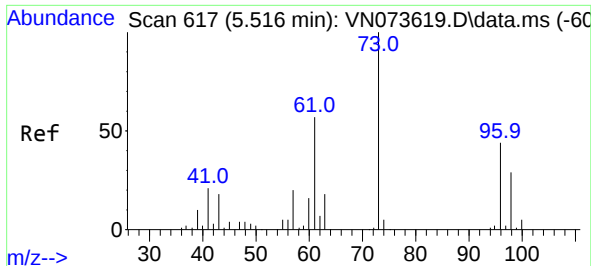
Tgt Ion: 73 Resp: 771089  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.6 26.4



#20  
Methylene Chloride  
Concen: 55.838 ug/l  
RT: 5.010 min Scan# 531  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 84 Resp: 255885  
Ion Ratio Lower Upper  
84 100  
49 110.1 88.3 132.5  
51 34.3 28.2 42.2  
86 62.3 50.6 76.0

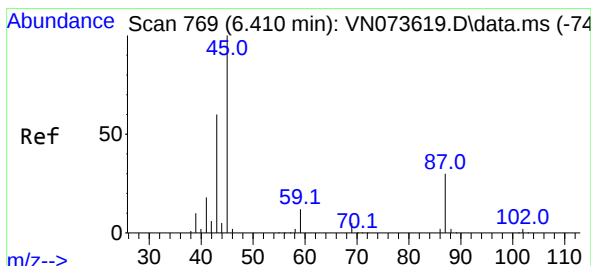
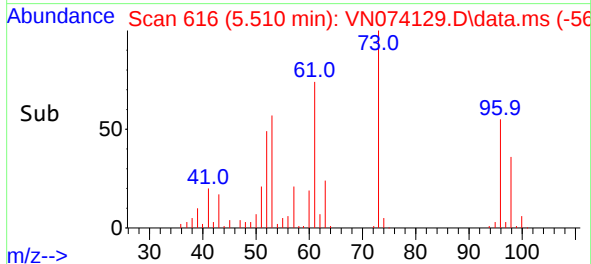
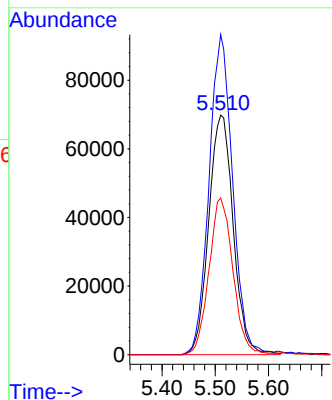
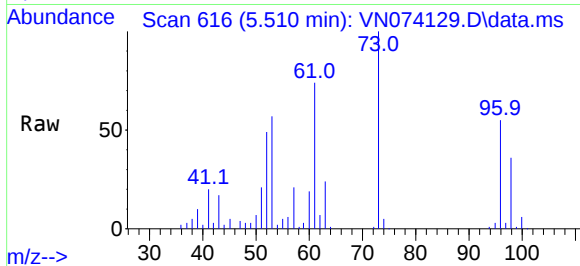




#21  
trans-1,2-Dichloroethene  
Concen: 54.393 ug/l  
RT: 5.510 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

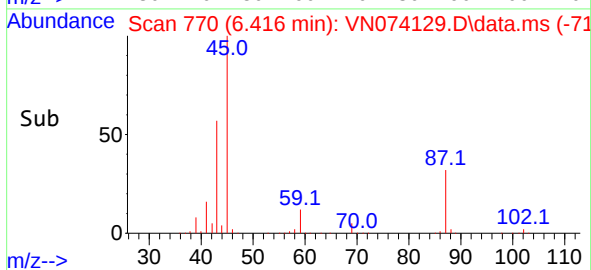
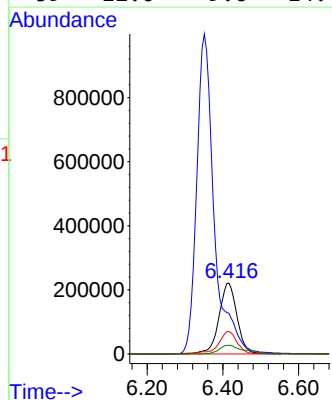
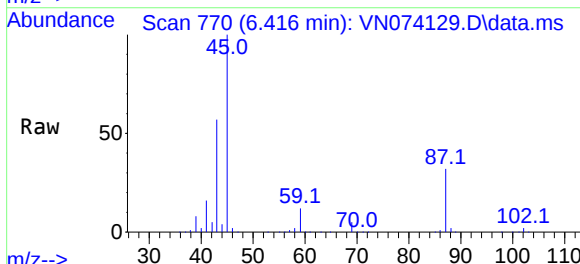
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

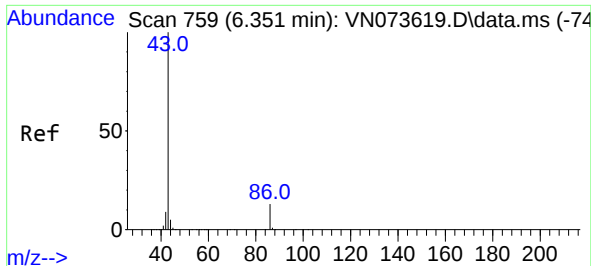
Tgt Ion: 96 Resp: 223519  
Ion Ratio Lower Upper  
96 100  
61 133.6 105.8 158.8  
98 65.5 50.3 75.5



#22  
Diisopropyl ether  
Concen: 62.841 ug/l  
RT: 6.416 min Scan# 770  
Delta R.T. 0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 45 Resp: 736022  
Ion Ratio Lower Upper  
45 100  
43 56.4 46.6 70.0  
87 31.4 24.3 36.5  
59 12.0 9.6 14.4

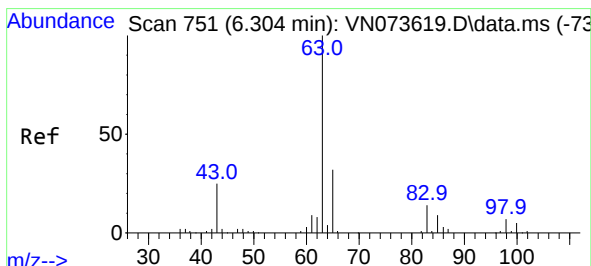
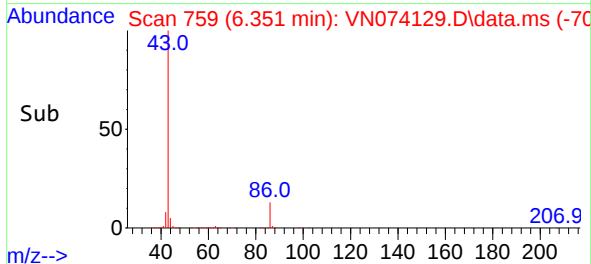
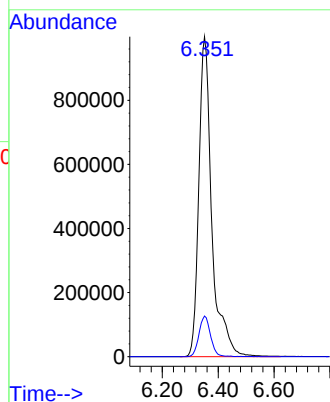
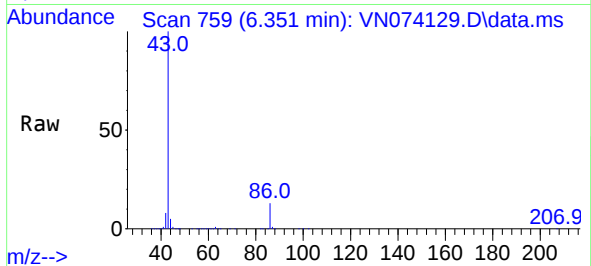




#23  
 Vinyl Acetate  
 Concen: 320.812 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. 0.000 min  
 Lab File: VN074129.D  
 Acq: 25 Aug 2022 21:21

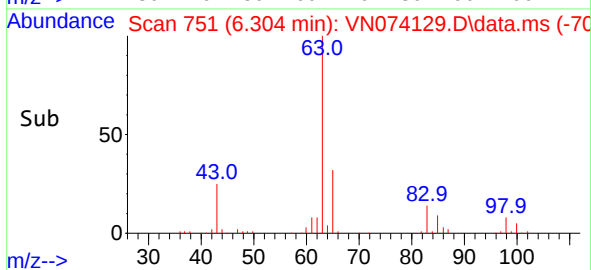
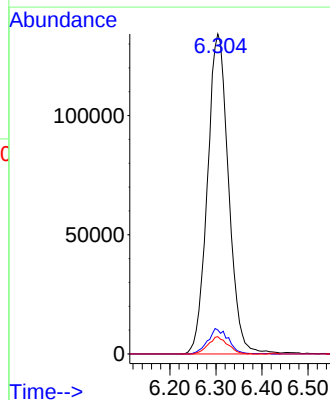
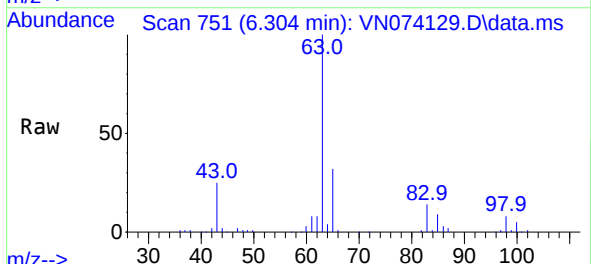
Instrument :  
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 ClientSampleId :  
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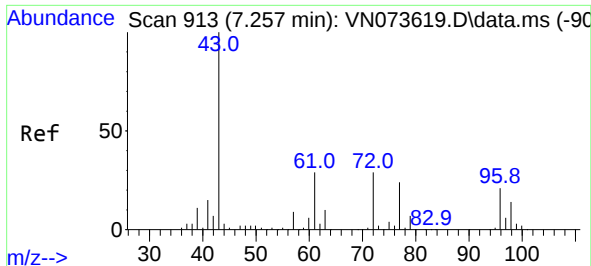
Tgt Ion: 43 Resp: 3219979  
 Ion Ratio Lower Upper  
 43 100  
 86 12.7 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 58.791 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. 0.000 min  
 Lab File: VN074129.D  
 Acq: 25 Aug 2022 21:21

Tgt Ion: 63 Resp: 428615  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.5 10.4  
 100 5.4 2.3 6.8

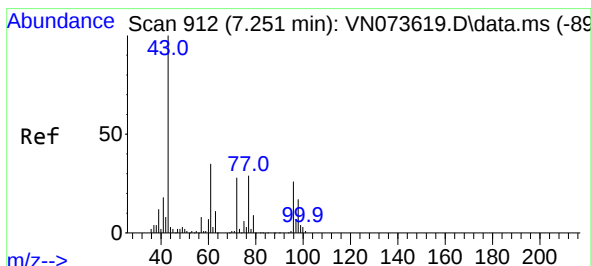
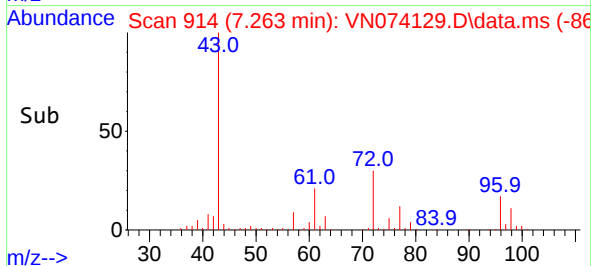
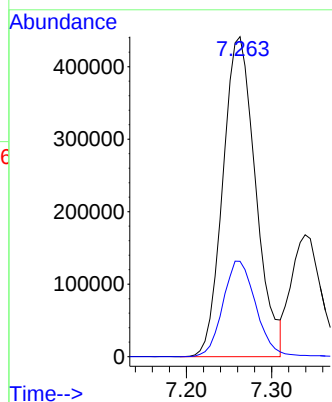
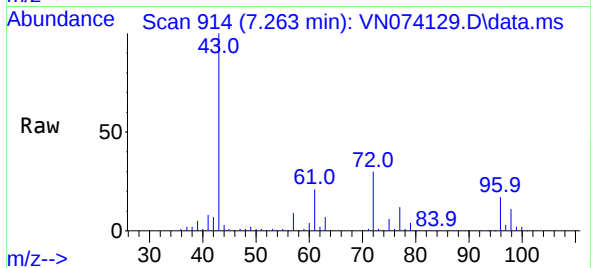




#25  
2-Butanone  
Concen: 342.979 ug/l  
RT: 7.263 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

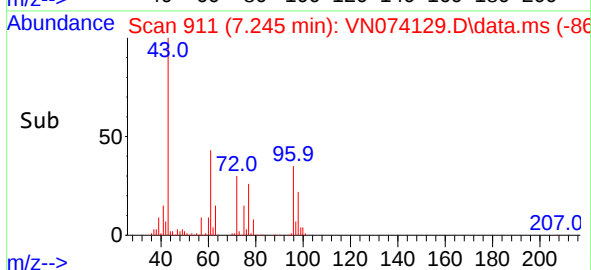
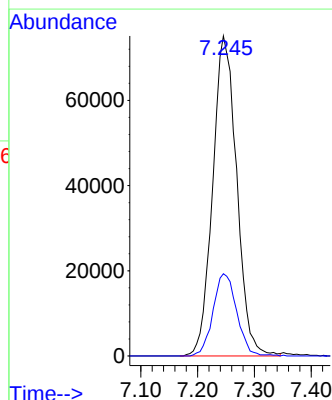
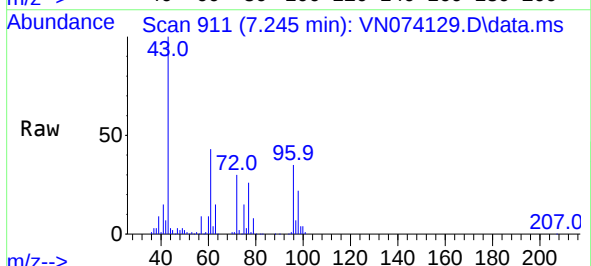
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

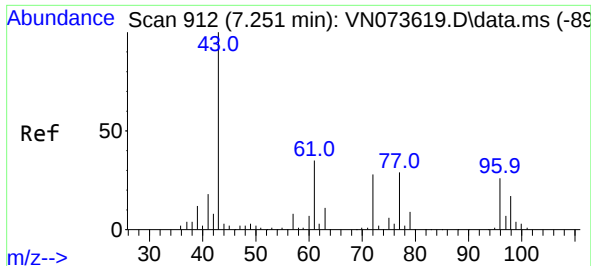
Tgt Ion: 43 Resp: 1181027  
Ion Ratio Lower Upper  
43 100  
72 29.8 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 32.173 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 77 Resp: 220371  
Ion Ratio Lower Upper  
77 100  
97 25.4 11.4 34.2



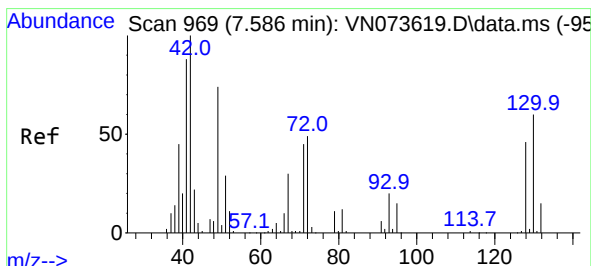
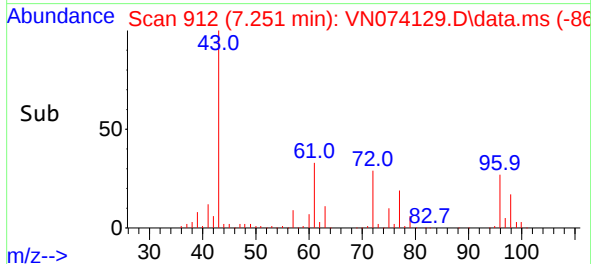
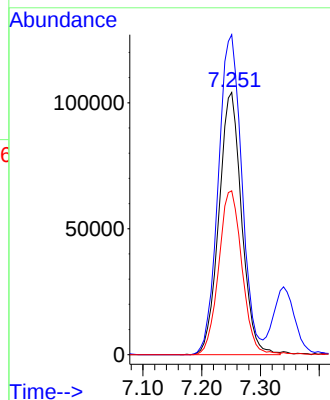
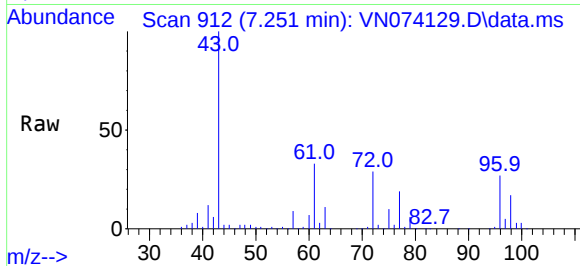


#27  
 cis-1,2-Dichloroethene  
 Concen: 55.082 ug/l  
 RT: 7.251 min Scan# 912  
 Delta R.T. 0.000 min  
 Lab File: VN074129.D  
 Acq: 25 Aug 2022 21:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 279270  

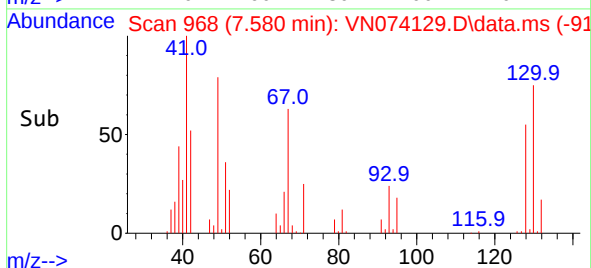
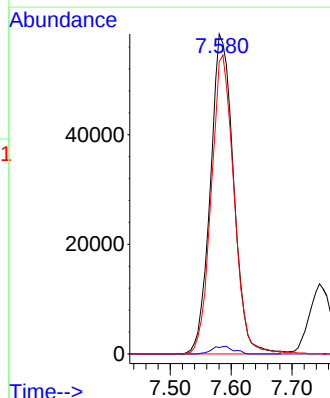
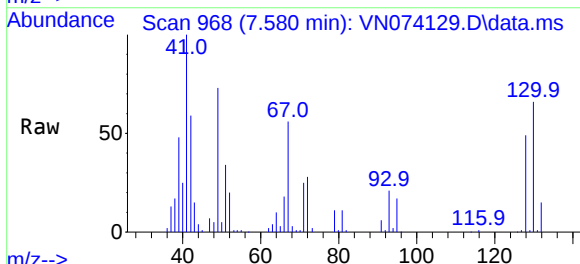
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 126.5 | 0.0   | 280.6 |
| 98  | 64.5  | 0.0   | 128.4 |

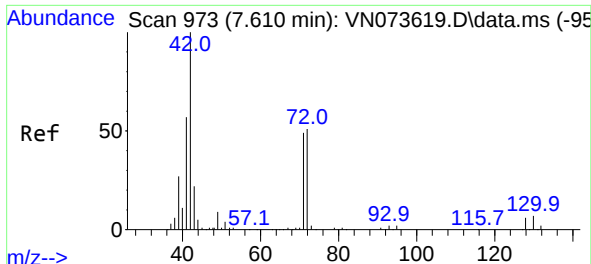


#28  
 Bromochloromethane  
 Concen: 57.396 ug/l  
 RT: 7.580 min Scan# 968  
 Delta R.T. -0.006 min  
 Lab File: VN074129.D  
 Acq: 25 Aug 2022 21:21

Tgt Ion: 49 Resp: 154333  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.6   |
| 130 | 91.5  | 69.7  | 104.5 |





#29

Tetrahydrofuran

Concen: 343.389 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074129.D

Acq: 25 Aug 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

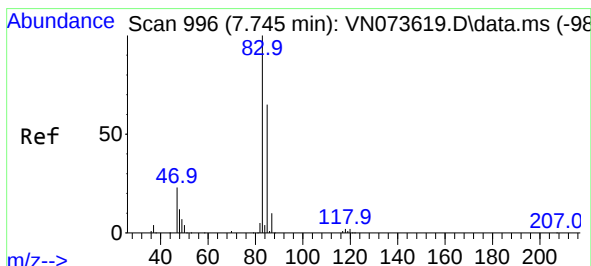
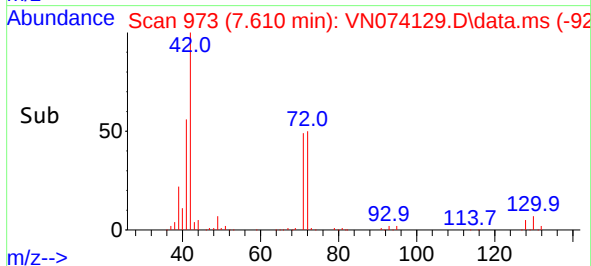
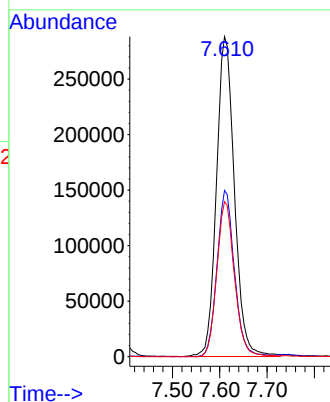
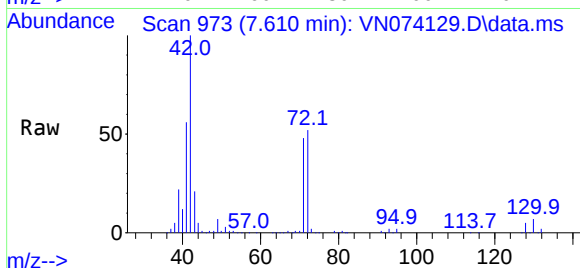
Tgt Ion: 42 Resp: 758512

Ion Ratio Lower Upper

42 100

72 50.5 39.7 59.5

71 47.7 36.6 55.0



#30

Chloroform

Concen: 56.139 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074129.D

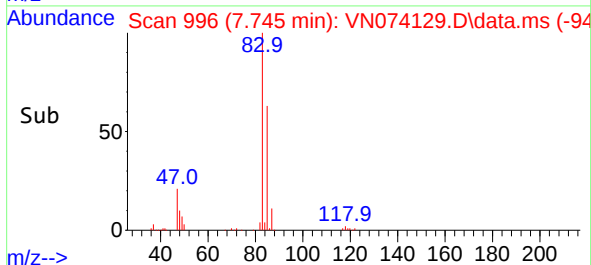
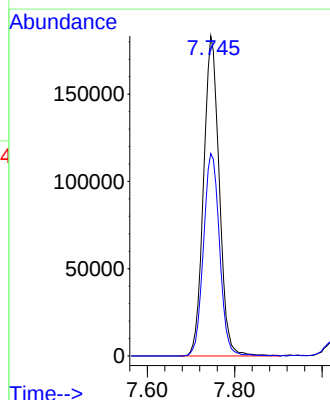
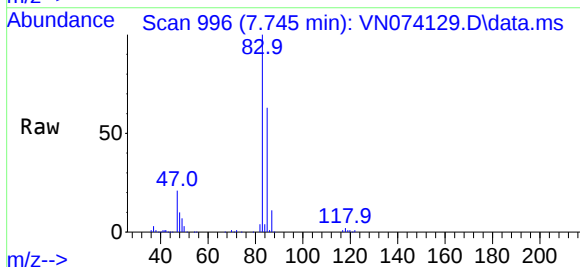
Acq: 25 Aug 2022 21:21

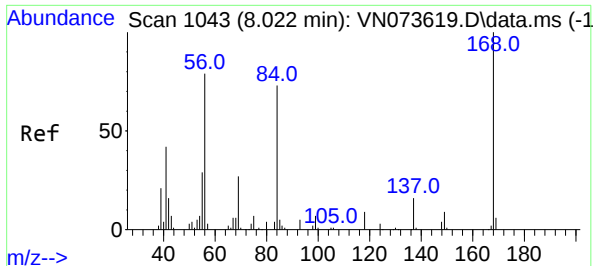
Tgt Ion: 83 Resp: 457660

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.8

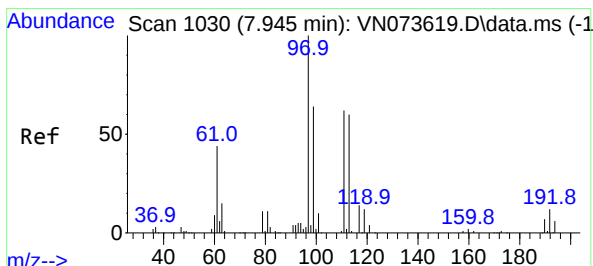
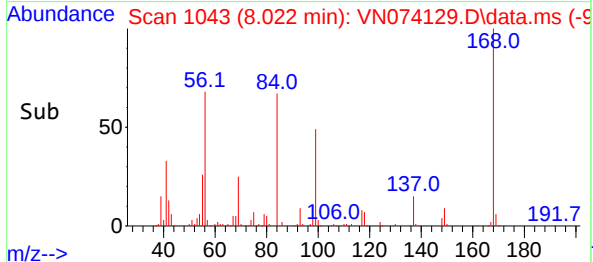
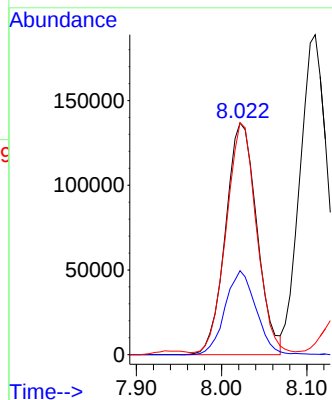
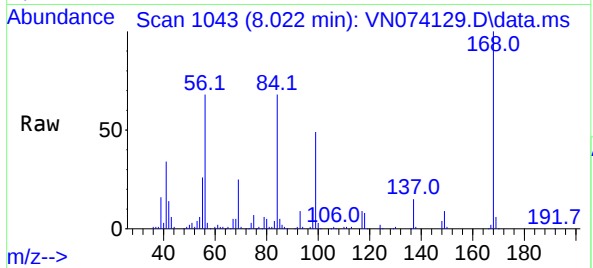




#31  
Cyclohexane  
Concen: 54.545 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

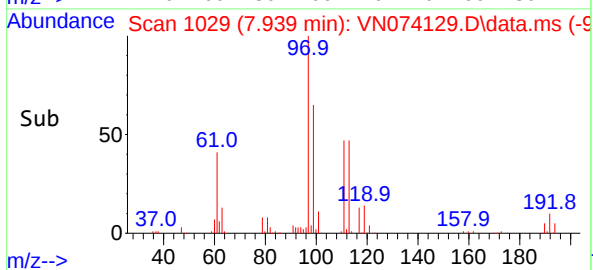
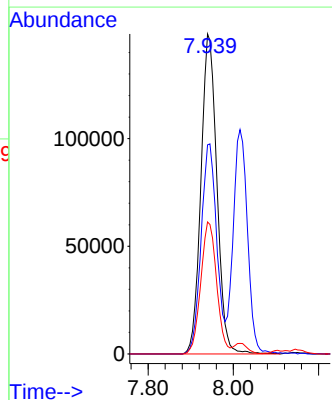
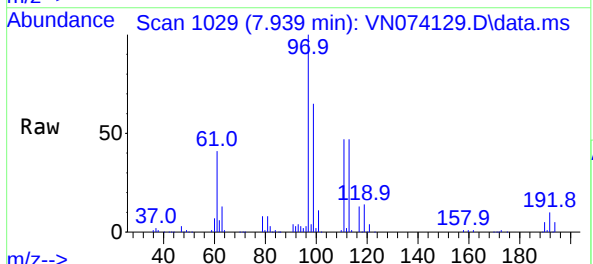
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

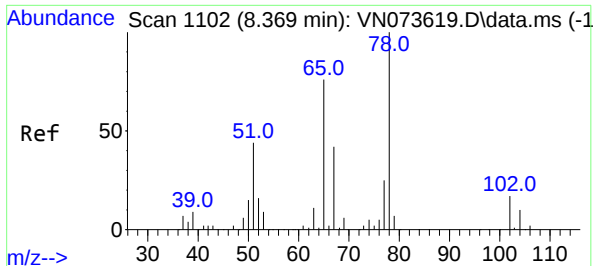
Tgt Ion: 56 Resp: 350010  
Ion Ratio Lower Upper  
56 100  
69 36.2 27.8 41.8  
84 98.6 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 53.369 ug/l  
RT: 7.939 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 97 Resp: 385826  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.6 76.0  
61 41.1 36.0 54.0

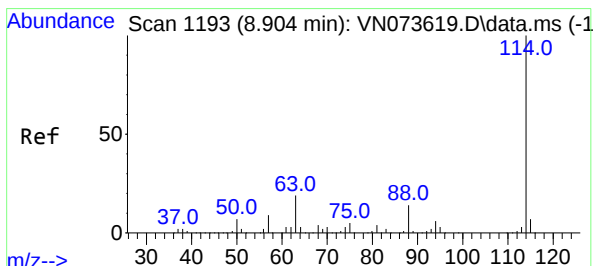
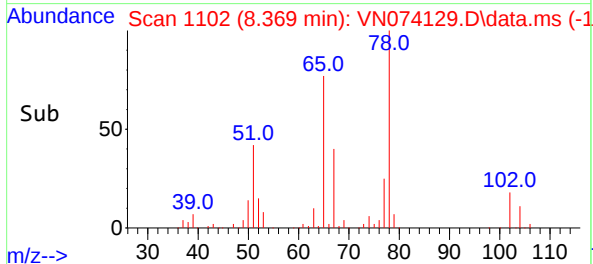
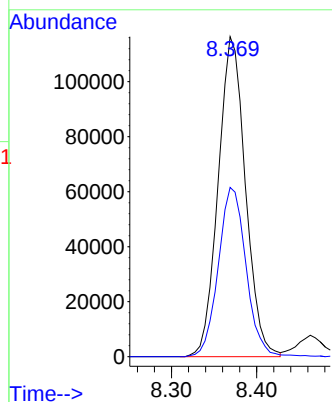
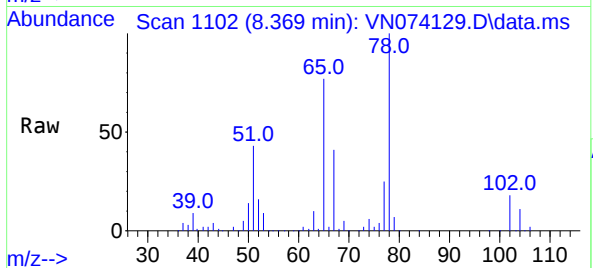




#33  
1,2-Dichloroethane-d4  
Concen: 56.245 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

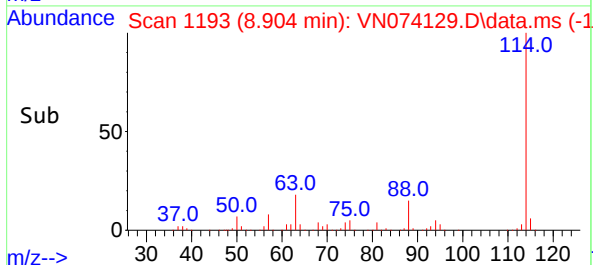
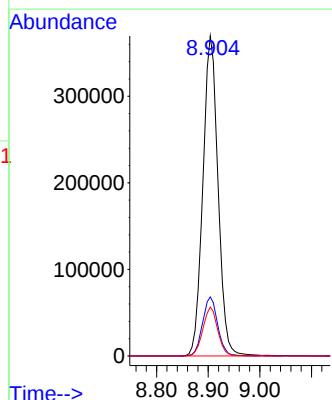
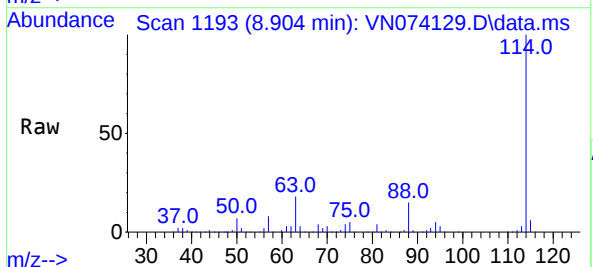
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

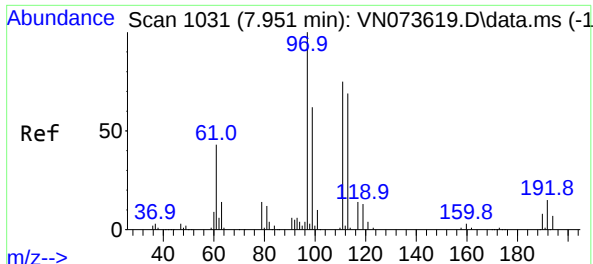
Tgt Ion: 65 Resp: 258900  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 114 Resp: 753071  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 40.0  
88 15.3 0.0 32.6

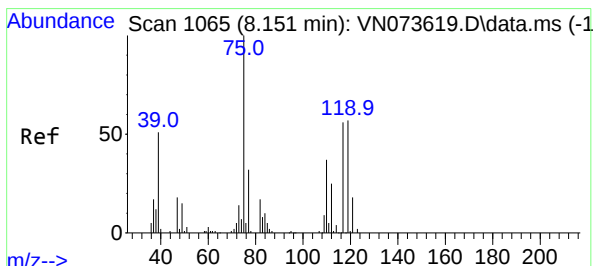
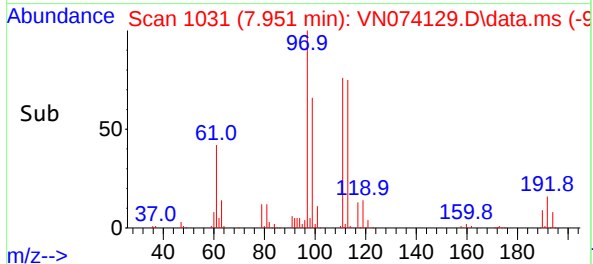
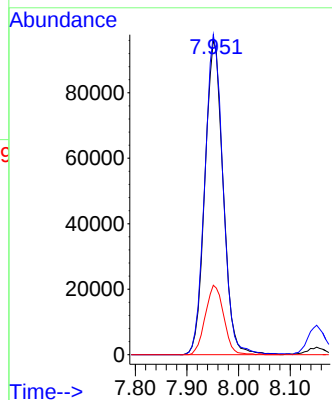
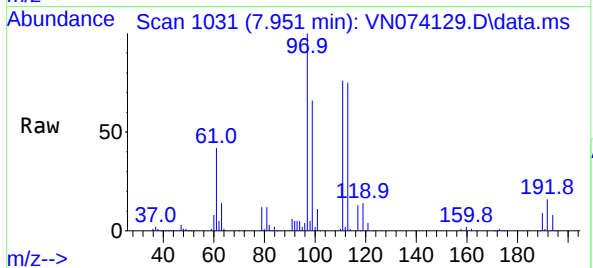




#35  
Dibromofluoromethane  
Concen: 52.800 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

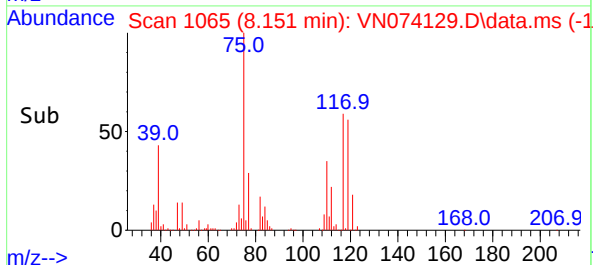
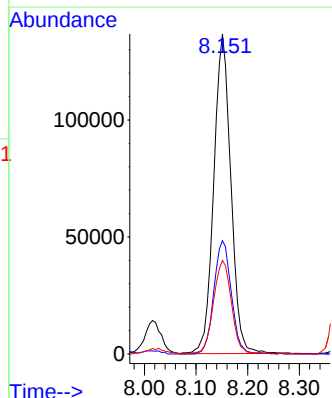
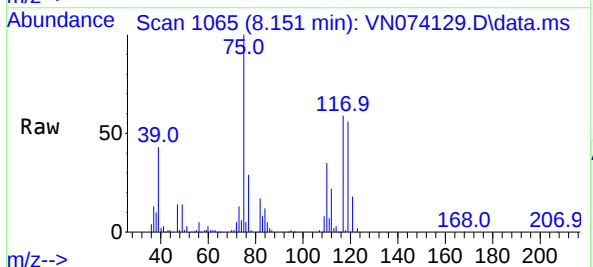
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

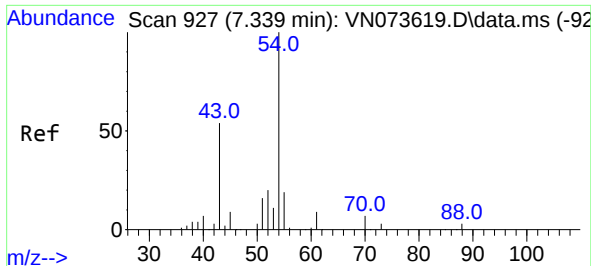
Tgt Ion:113 Resp: 235147  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.4 122.0  
192 22.3 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 50.756 ug/l  
RT: 8.151 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 75 Resp: 313969  
Ion Ratio Lower Upper  
75 100  
110 36.2 18.3 54.8  
77 30.9 25.1 37.7

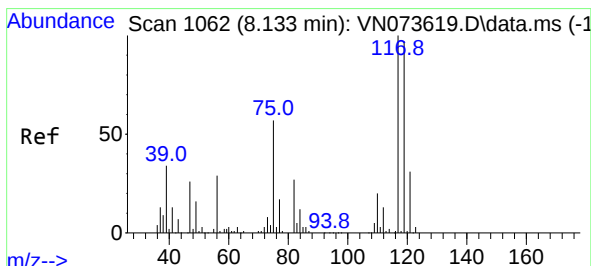
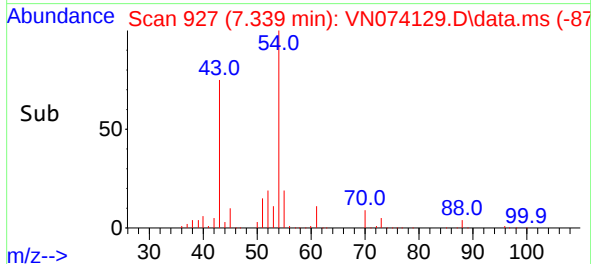
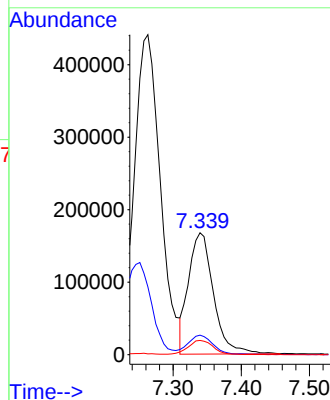
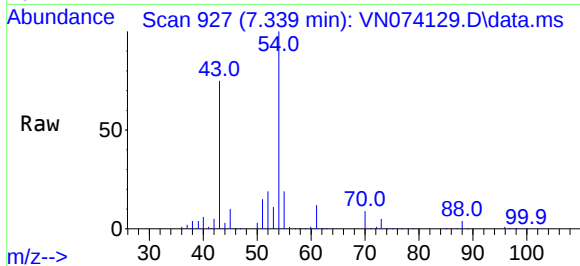




#37  
Ethyl Acetate  
Concen: 56.482 ug/l  
RT: 7.339 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

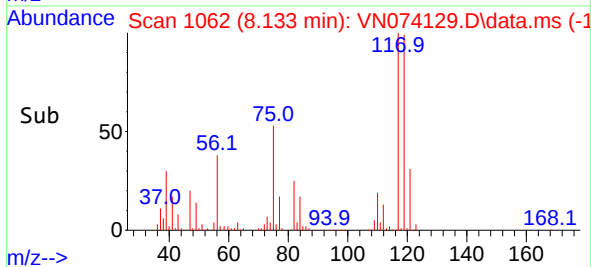
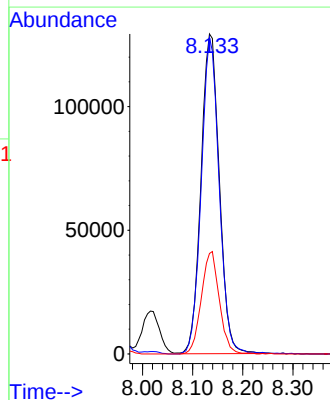
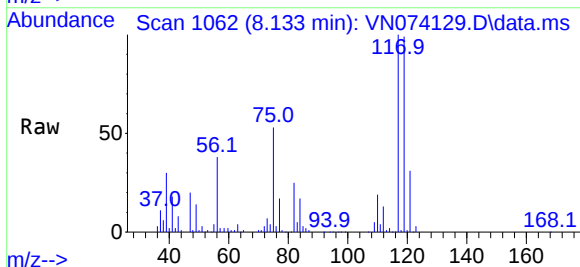
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

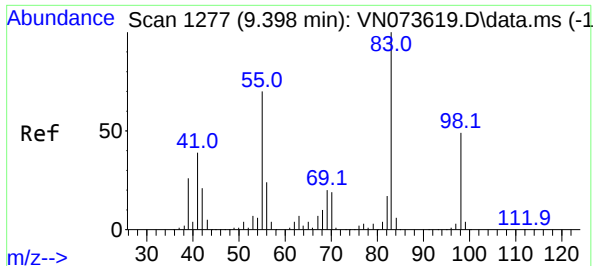
Tgt Ion: 43 Resp: 423282  
Ion Ratio Lower Upper  
43 100  
61 16.2 11.8 17.6  
70 12.0 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 46.464 ug/l  
RT: 8.133 min Scan# 1062  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 117 Resp: 328533  
Ion Ratio Lower Upper  
117 100  
119 99.1 75.8 113.8  
121 31.4 24.6 37.0

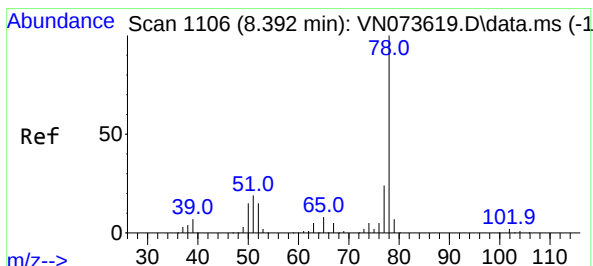
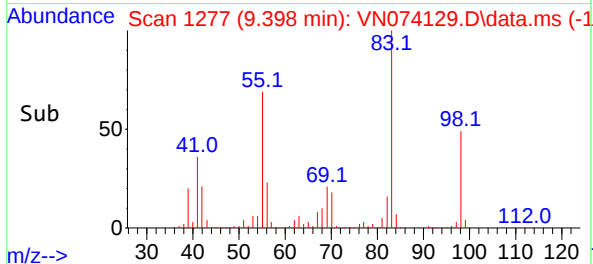
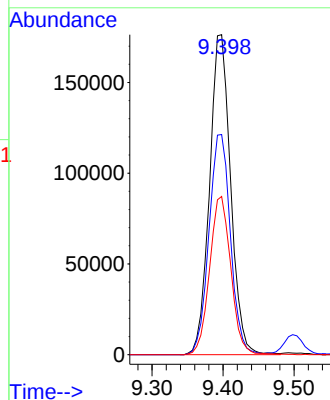
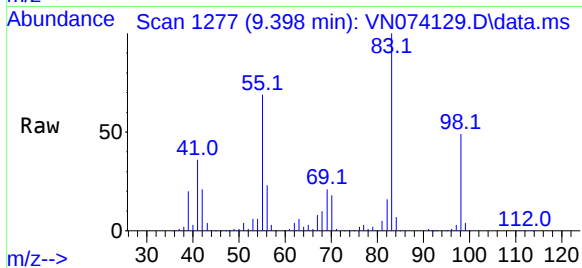




#39  
Methylcyclohexane  
Concen: 46.912 ug/l  
RT: 9.398 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

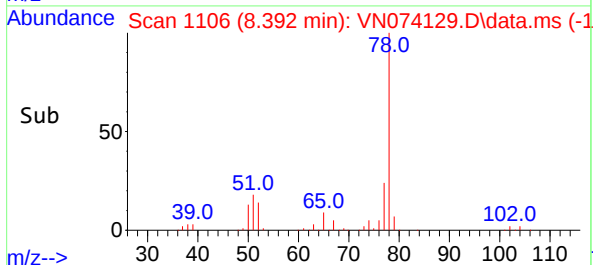
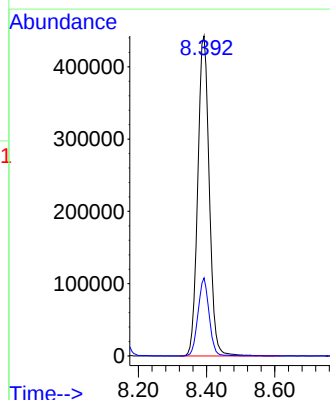
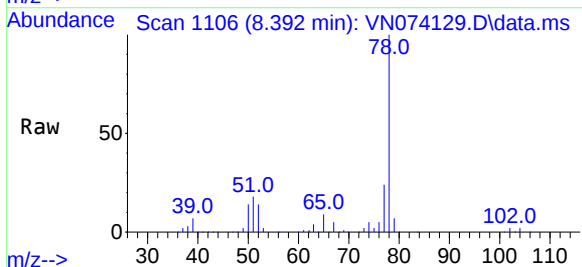
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

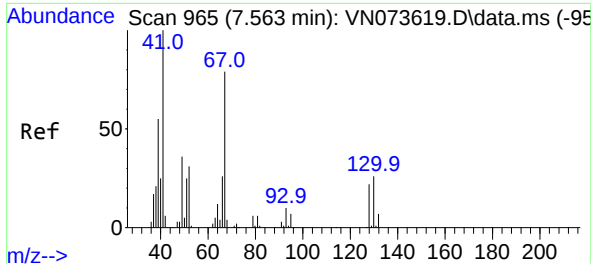
Tgt Ion: 83 Resp: 363612  
Ion Ratio Lower Upper  
83 100  
55 68.8 57.8 86.8  
98 49.5 39.4 59.2



#40  
Benzene  
Concen: 53.166 ug/l  
RT: 8.392 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 78 Resp: 1037994  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.4 29.0

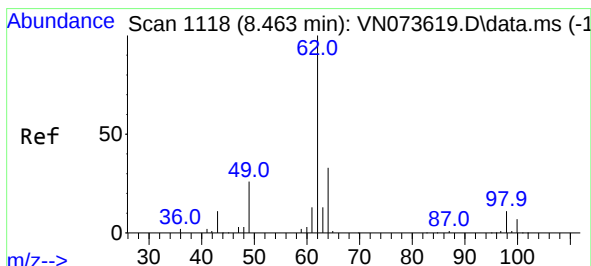
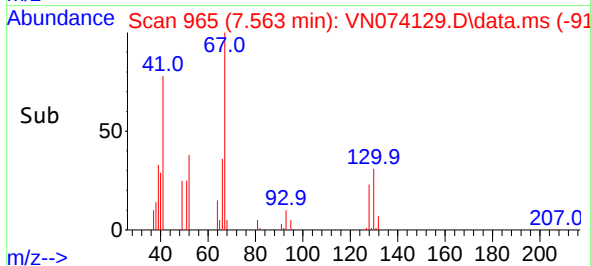
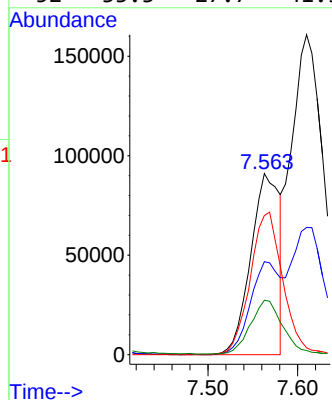
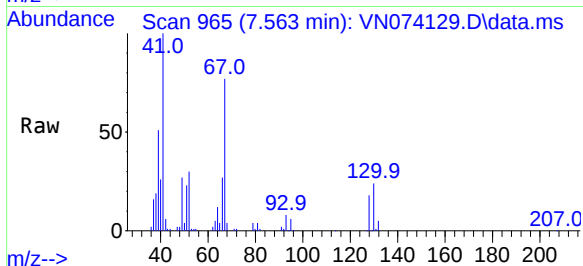




#41  
Methacrylonitrile  
Concen: 60.099 ug/l  
RT: 7.563 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

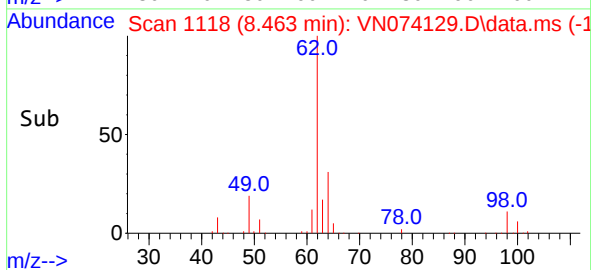
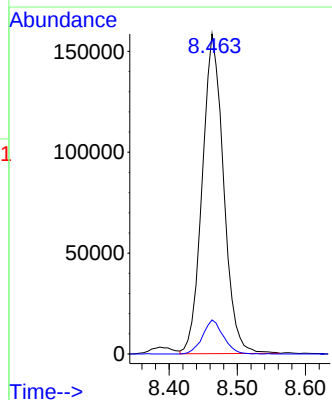
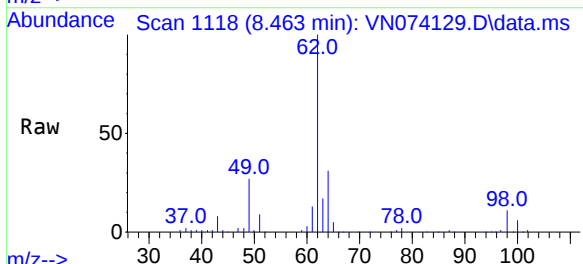
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

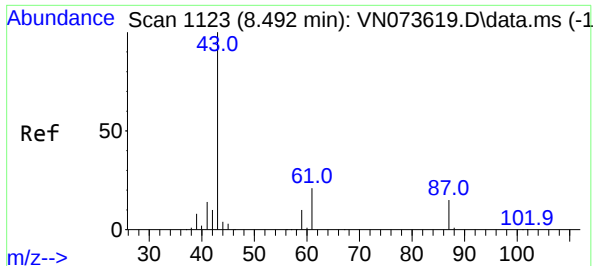
Tgt Ion: 41 Resp: 203538  
Ion Ratio Lower Upper  
41 100  
39 51.3 48.6 73.0  
67 89.8 73.4 110.2  
52 33.3 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 51.390 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 62 Resp: 344980  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 19.4

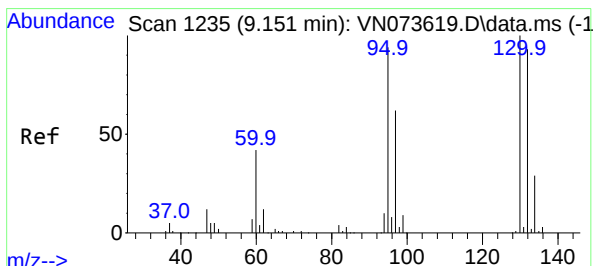
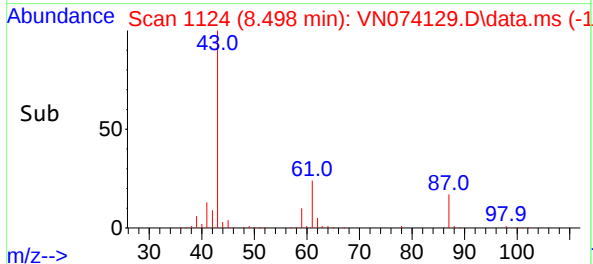
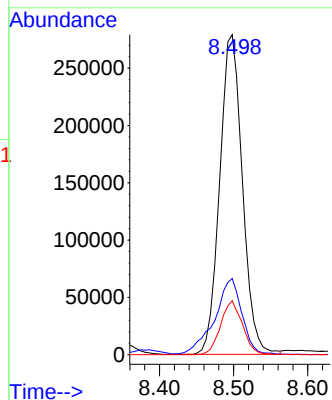
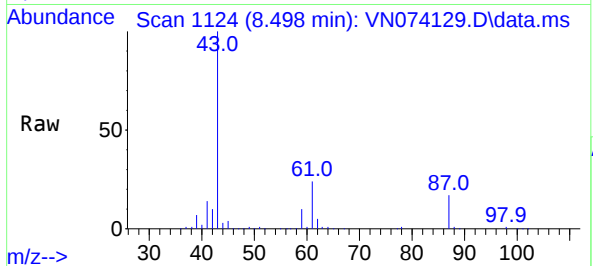




#43  
Isopropyl Acetate  
Concen: 55.656 ug/l  
RT: 8.498 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

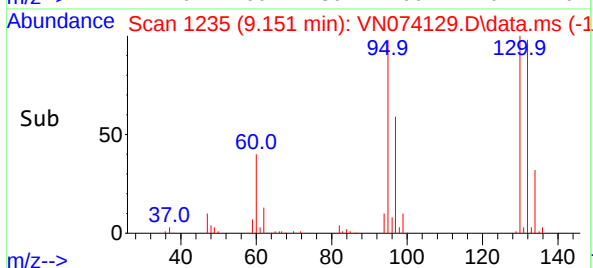
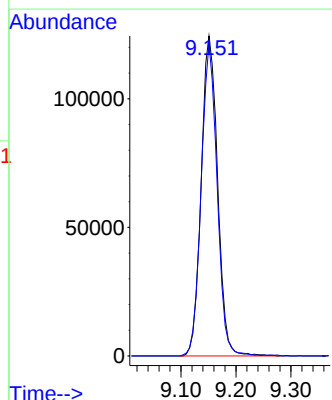
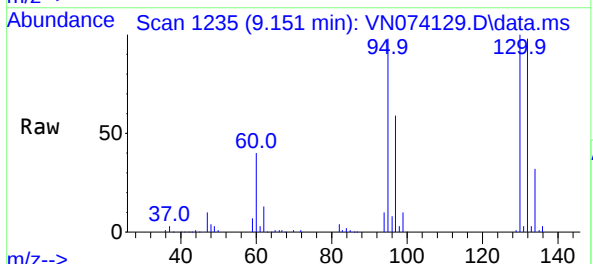
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ClientSampleId :  
VSTDCCC050EC

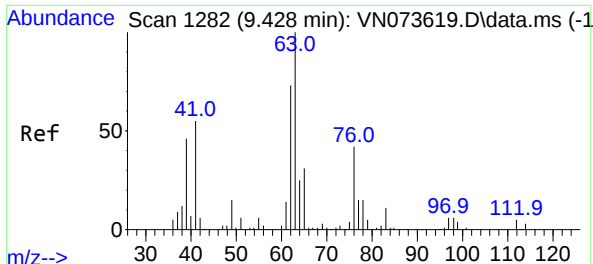
Tgt Ion: 43 Resp: 594188  
Ion Ratio Lower Upper  
43 100  
61 29.0 21.9 32.9  
87 16.3 12.0 18.0



#44  
Trichloroethene  
Concen: 45.763 ug/l  
RT: 9.151 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 130 Resp: 258056  
Ion Ratio Lower Upper  
130 100  
95 97.8 0.0 186.8

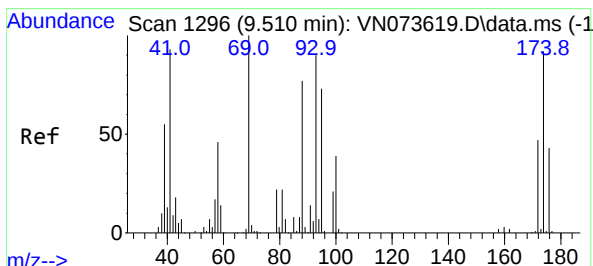
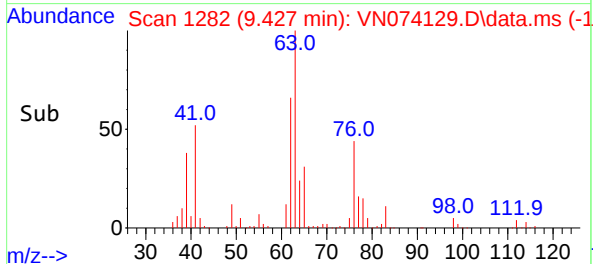
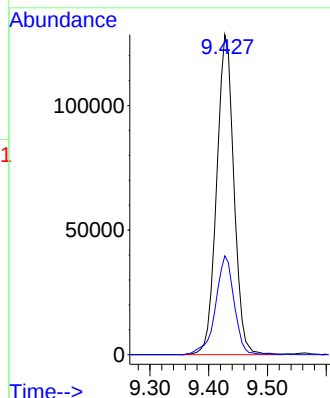
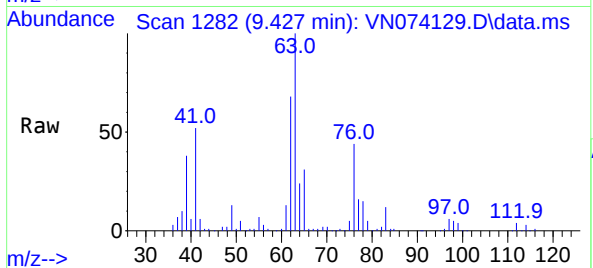




#45  
1,2-Dichloropropane  
Concen: 55.942 ug/l  
RT: 9.427 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

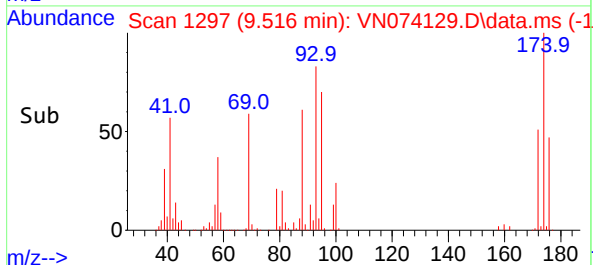
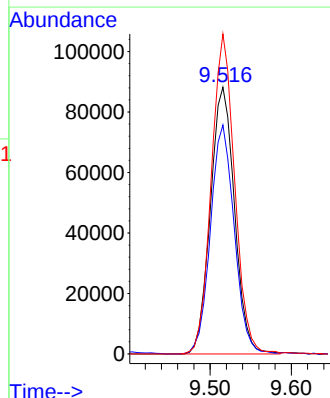
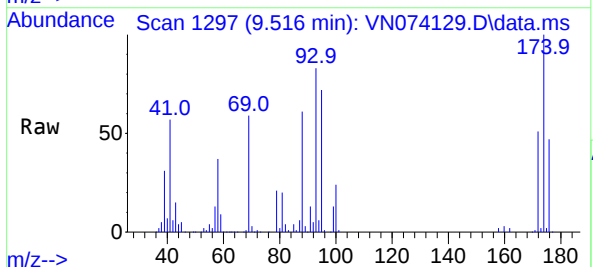
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

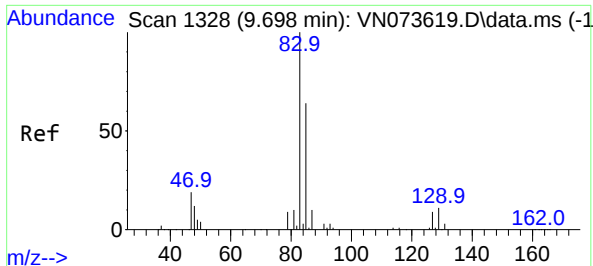
Tgt Ion: 63 Resp: 261784  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.9 37.3



#46  
Dibromomethane  
Concen: 51.172 ug/l  
RT: 9.516 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 93 Resp: 182059  
Ion Ratio Lower Upper  
93 100  
95 84.6 66.9 100.3  
174 116.2 86.6 130.0

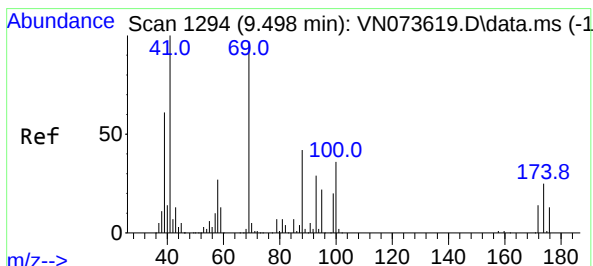
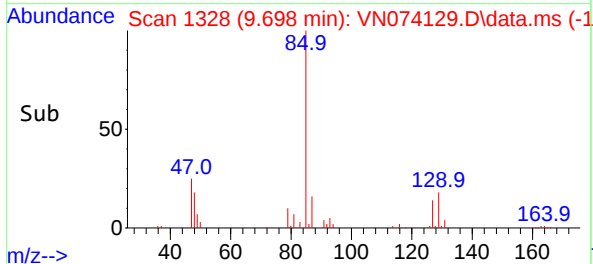
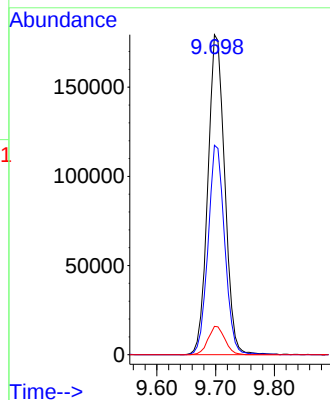
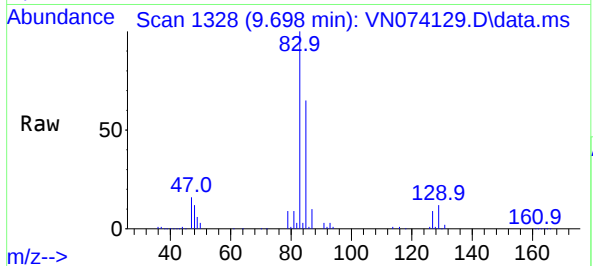




#47  
Bromodichloromethane  
Concen: 52.669 ug/l  
RT: 9.698 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

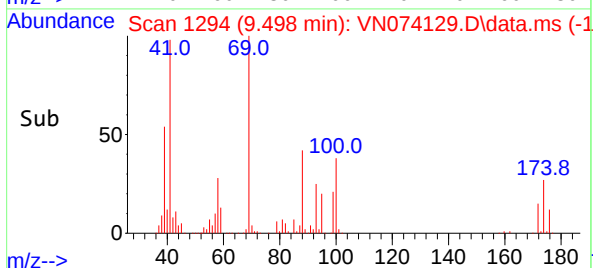
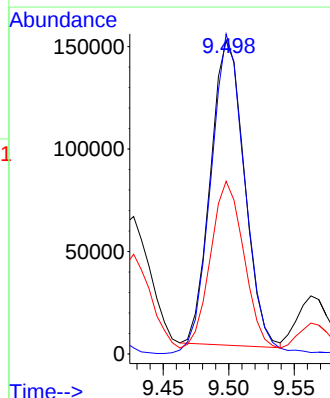
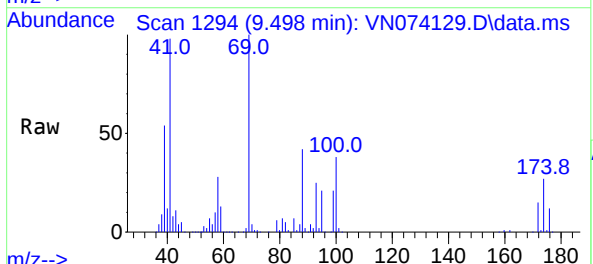
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

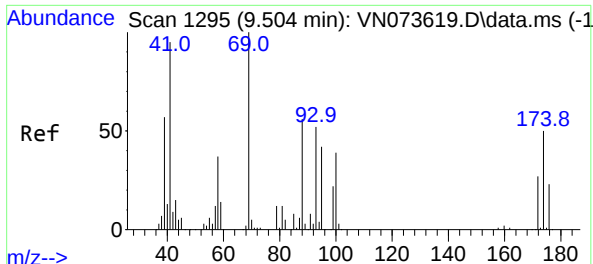
Tgt Ion: 83 Resp: 358154  
Ion Ratio Lower Upper  
83 100  
85 65.4 50.5 75.7  
127 8.8 6.8 10.2



#48  
Methyl methacrylate  
Concen: 58.442 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 41 Resp: 266968  
Ion Ratio Lower Upper  
41 100  
69 106.7 74.7 112.1  
39 58.1 45.6 68.4

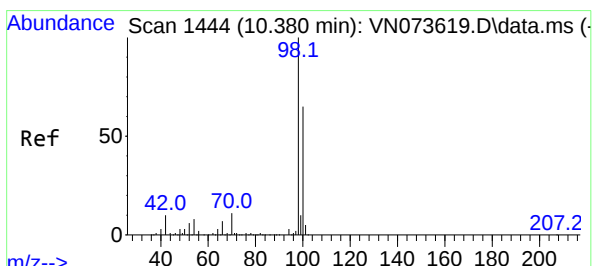
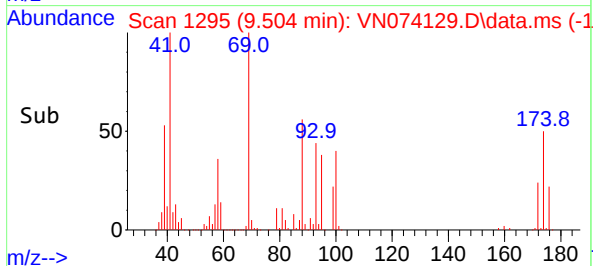
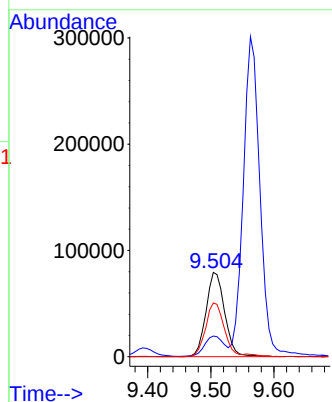
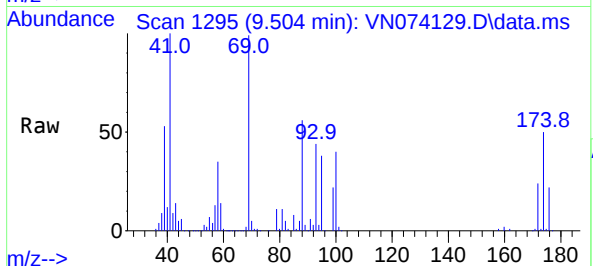




#49  
1,4-Dioxane  
Concen: 1196.949 ug/l  
RT: 9.504 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

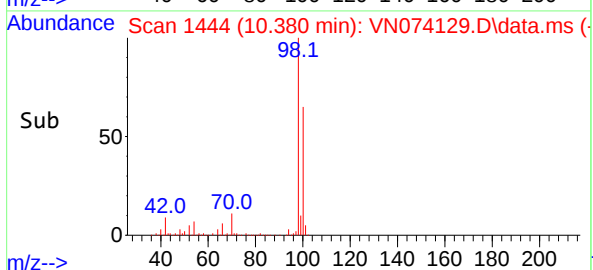
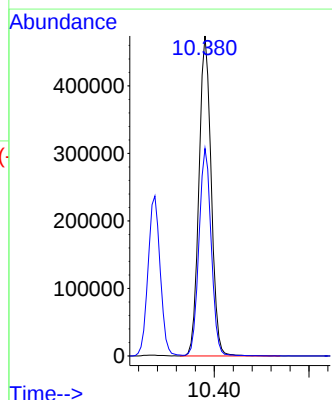
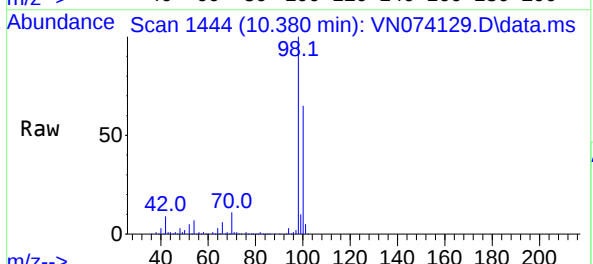
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

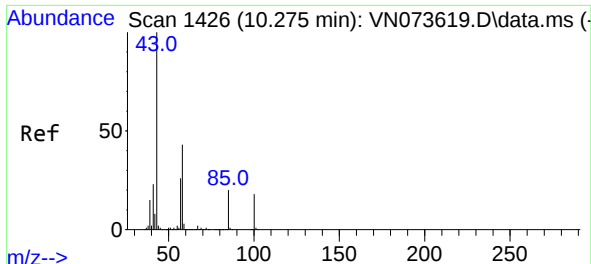
Tgt Ion: 88 Resp: 162601  
Ion Ratio Lower Upper  
88 100  
43 24.8 20.2 30.4  
58 63.4 54.2 81.4



#50  
Toluene-d8  
Concen: 49.154 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 98 Resp: 847820  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.6 78.8

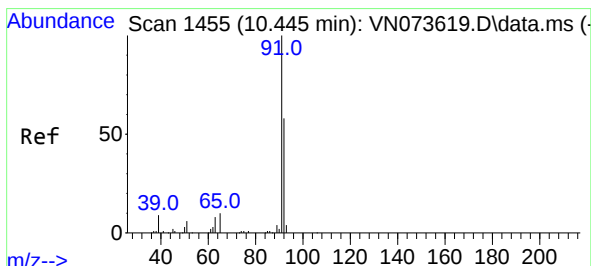
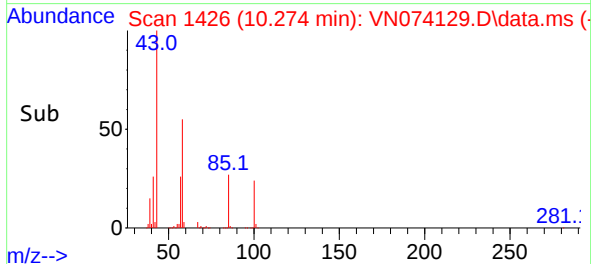
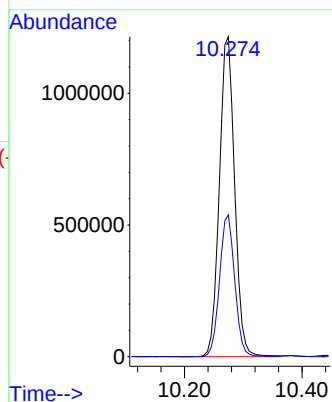
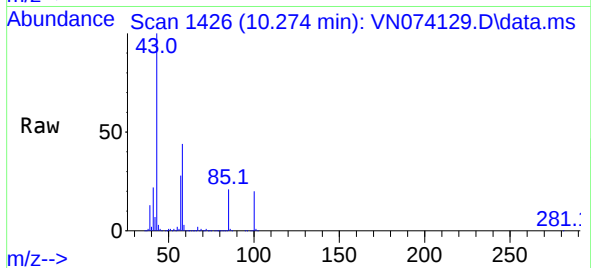




#51  
4-Methyl-2-Pentanone  
Concen: 303.129 ug/l  
RT: 10.274 min Scan# 1426  
Delta R.T. -0.001 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

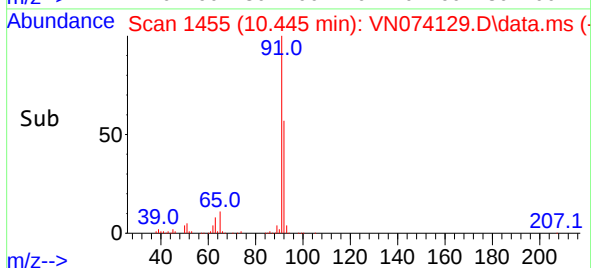
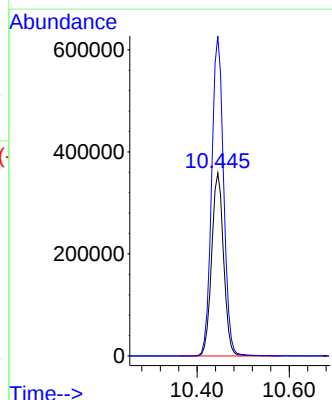
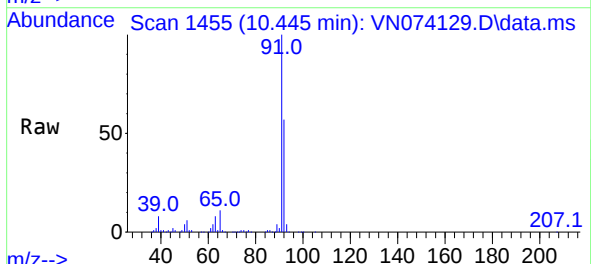
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

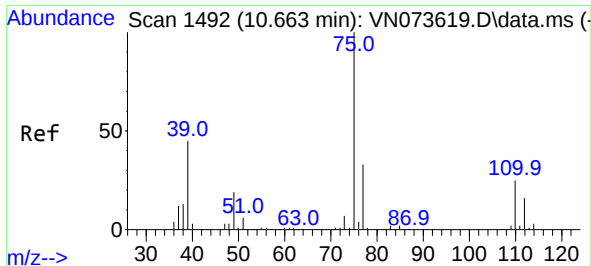
Tgt Ion: 43 Resp: 2188000  
Ion Ratio Lower Upper  
43 100  
58 44.1 34.1 51.1



#52  
Toluene  
Concen: 48.255 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 92 Resp: 646014  
Ion Ratio Lower Upper  
92 100  
91 175.5 138.6 207.8

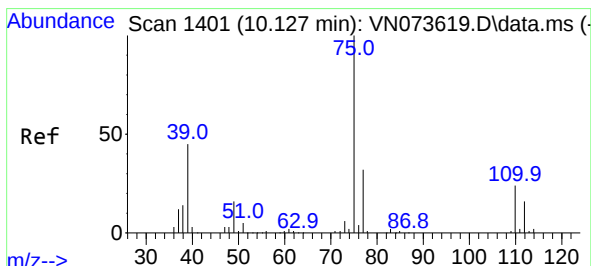
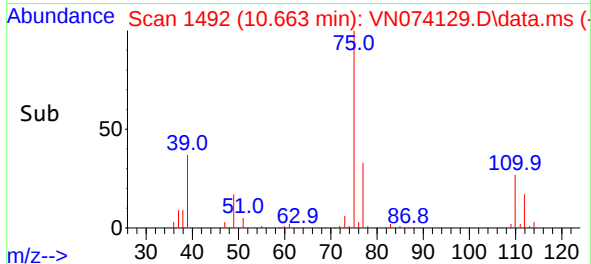
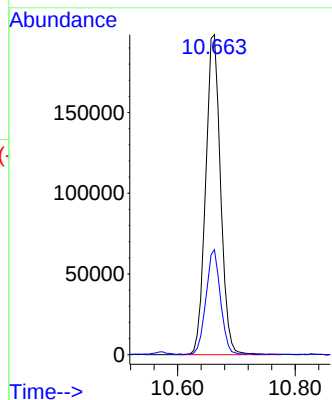
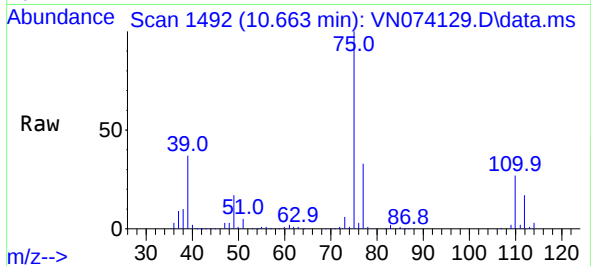




#53  
t-1,3-Dichloropropene  
Concen: 48.910 ug/l  
RT: 10.663 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

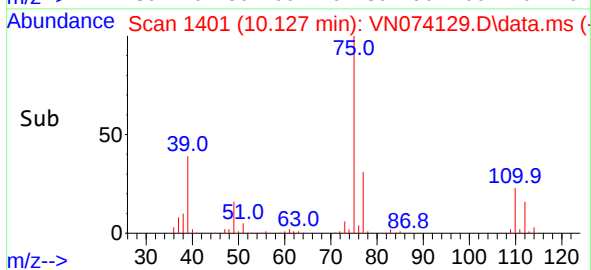
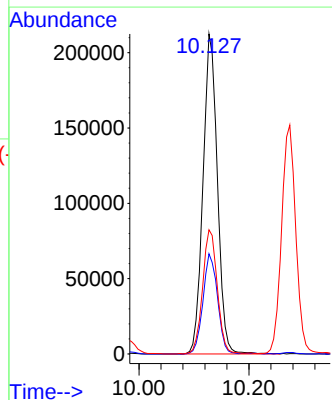
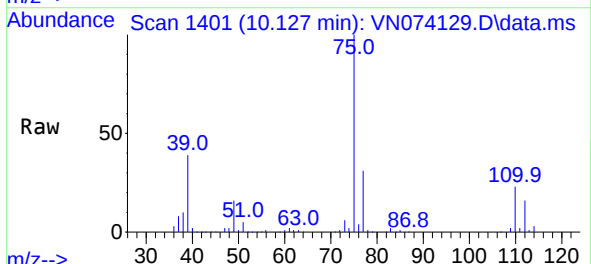
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ClientSampleId :  
VSTDCCC050EC

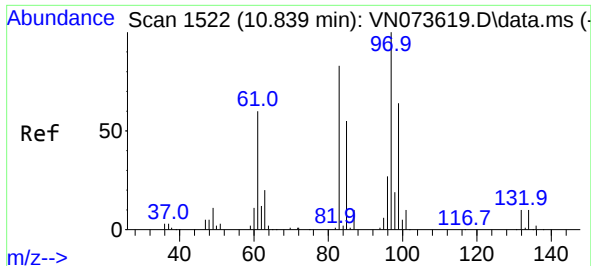
Tgt Ion: 75 Resp: 349009  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 49.484 ug/l  
RT: 10.127 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

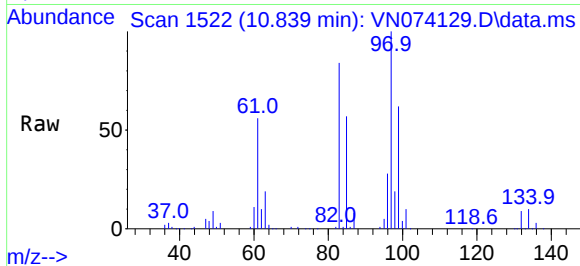
Tgt Ion: 75 Resp: 386339  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.2 37.8  
39 38.7 35.7 53.5





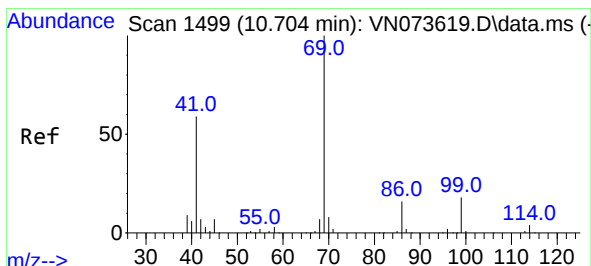
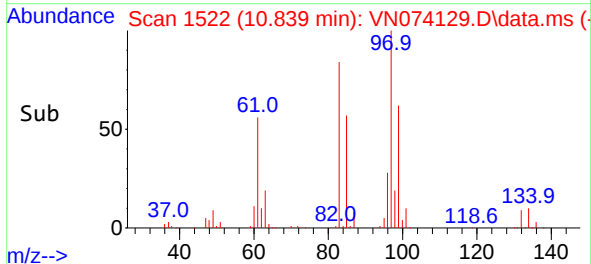
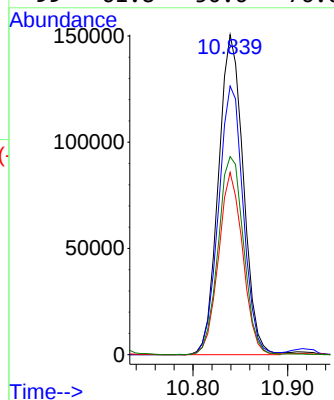
#55  
1,1,2-Trichloroethane  
Concen: 52.721 ug/l  
RT: 10.839 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 97 Resp: 274554

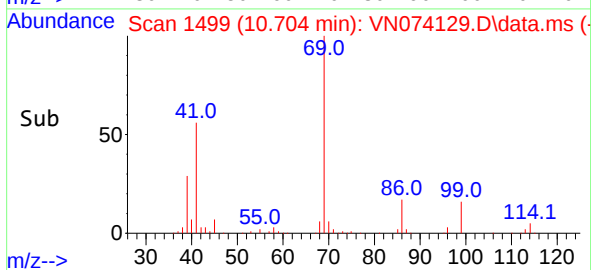
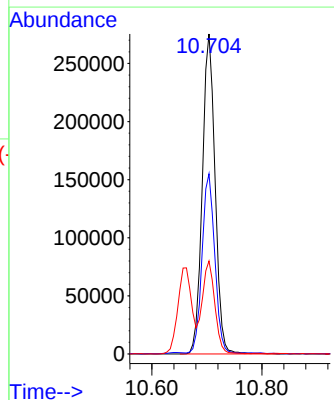
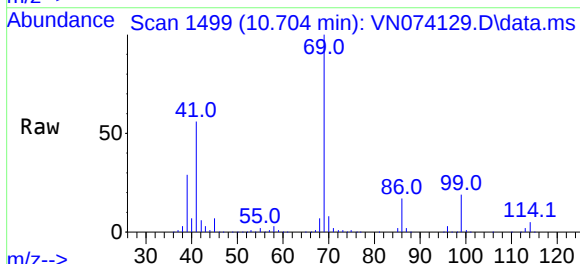
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.9  | 66.2  | 99.4  |
| 85  | 57.0  | 43.9  | 65.9  |
| 99  | 61.8  | 50.6  | 76.0  |

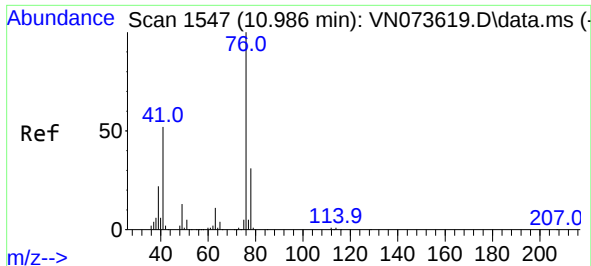


#56  
Ethyl methacrylate  
Concen: 59.775 ug/l  
RT: 10.704 min Scan# 1499  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 69 Resp: 443982

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.6  | 47.8  | 71.6  |
| 39  | 28.5  | 27.3  | 40.9  |





#57

1,3-Dichloropropane

Concen: 54.529 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074129.D

Acq: 25 Aug 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

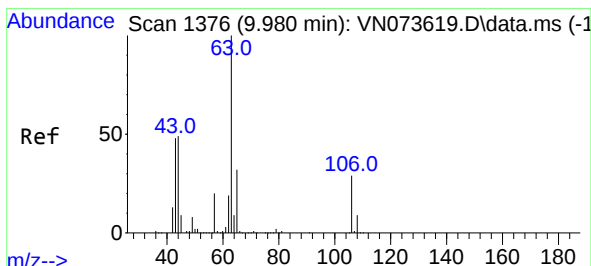
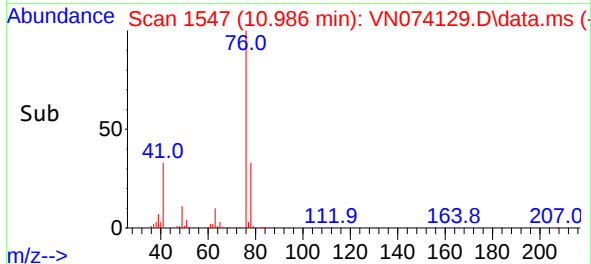
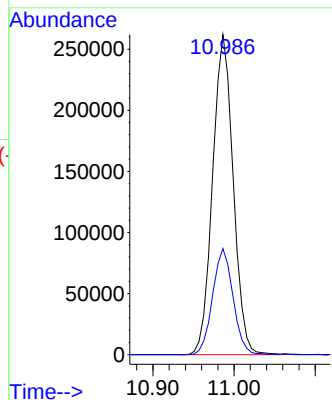
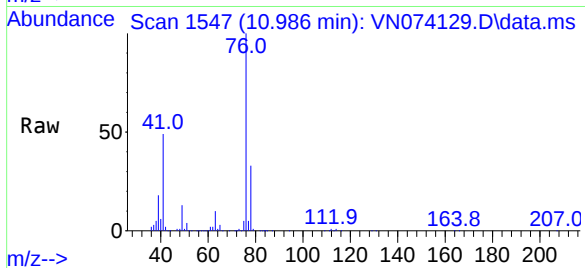
VSTDCCC050EC

Tgt Ion: 76 Resp: 461718

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 265.817 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074129.D

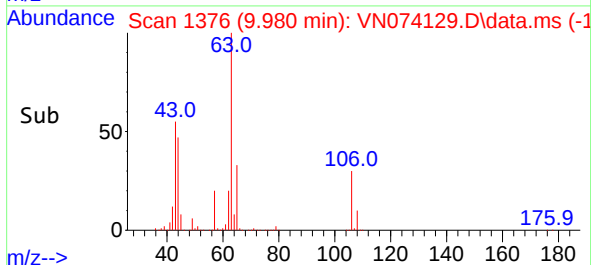
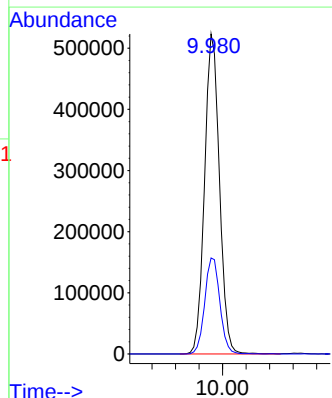
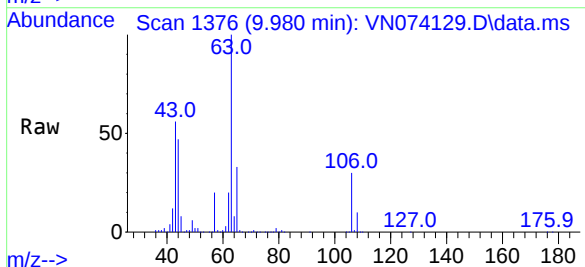
Acq: 25 Aug 2022 21:21

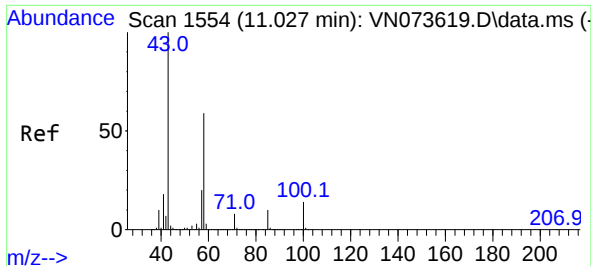
Tgt Ion: 63 Resp: 921469

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8

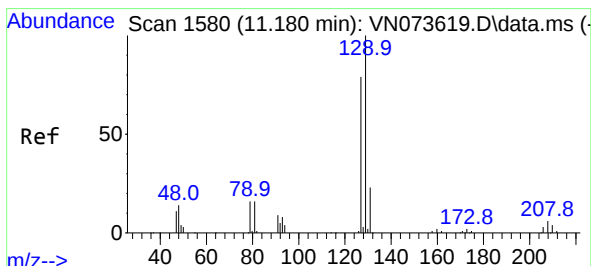
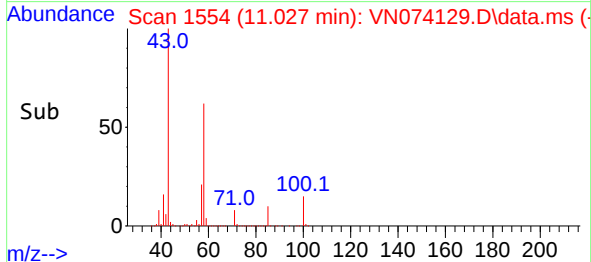
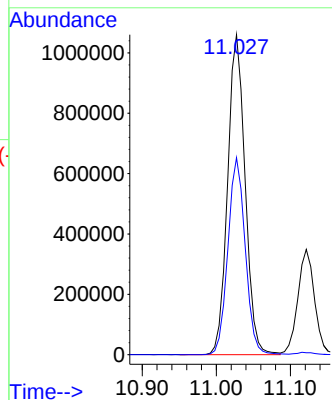
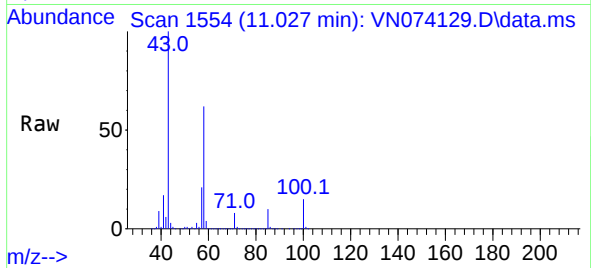




#59  
2-Hexanone  
Concen: 312.608 ug/l  
RT: 11.027 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

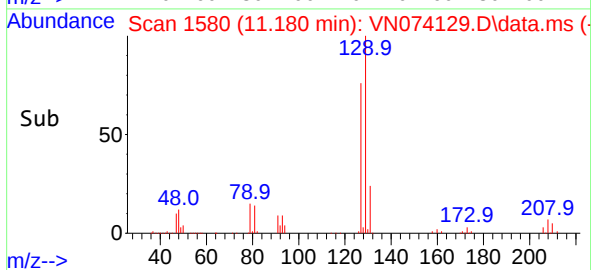
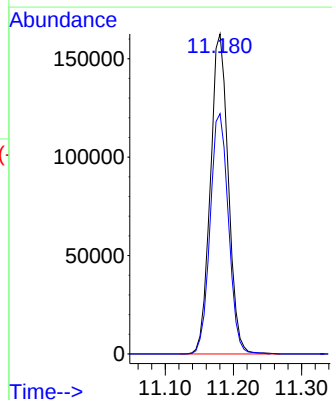
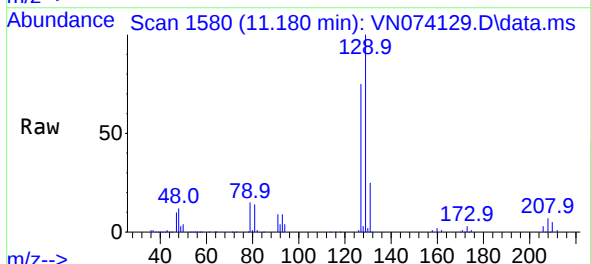
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

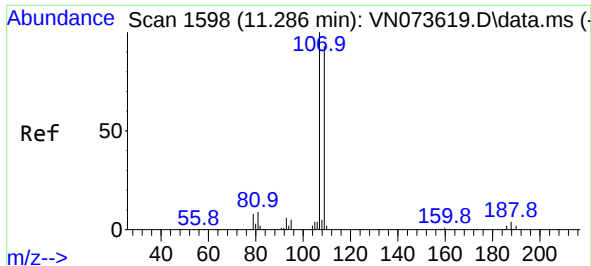
Tgt Ion: 43 Resp: 1736563  
Ion Ratio Lower Upper  
43 100  
58 61.0 29.7 89.1



#60  
Dibromochloromethane  
Concen: 51.626 ug/l  
RT: 11.180 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:129 Resp: 297313  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.8 116.4

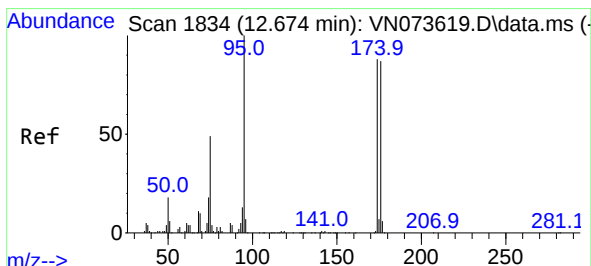
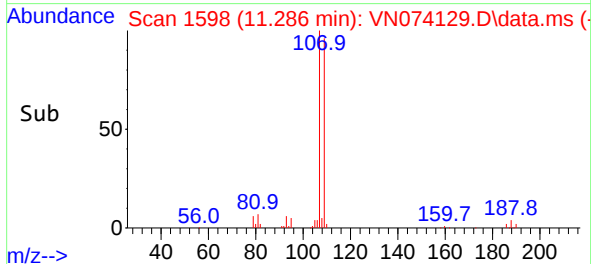
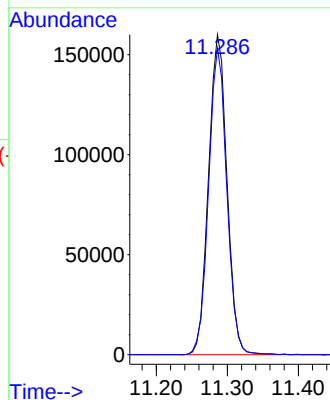
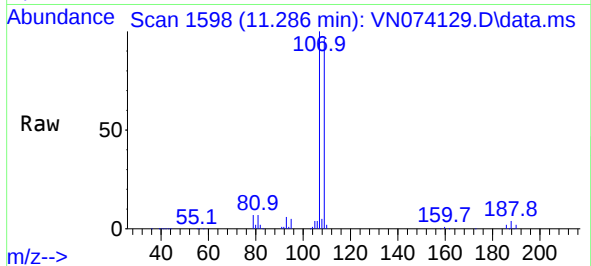




#61  
1,2-Dibromoethane  
Concen: 51.770 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

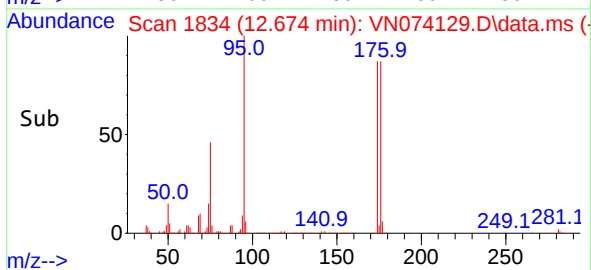
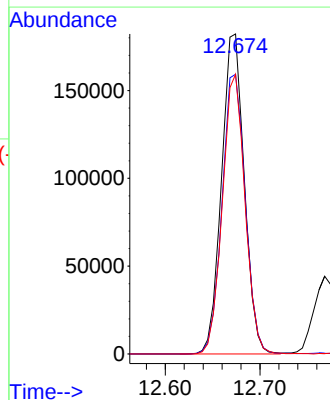
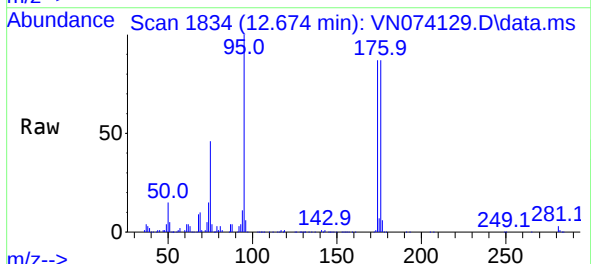
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

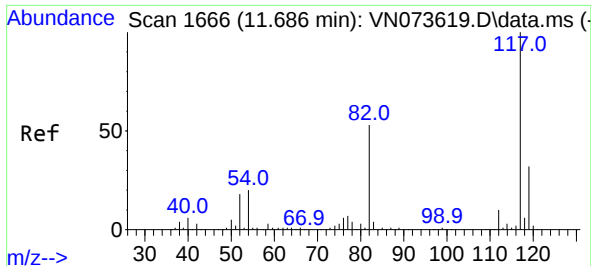
Tgt Ion:107 Resp: 288363  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 53.126 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 95 Resp: 304115  
Ion Ratio Lower Upper  
95 100  
174 89.1 0.0 167.6  
176 86.7 0.0 163.4

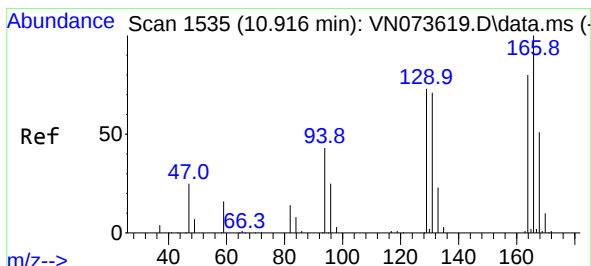
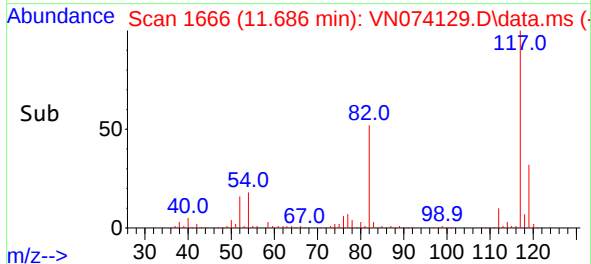
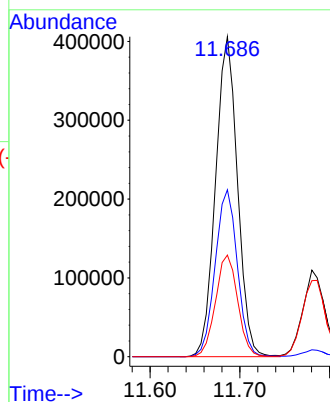
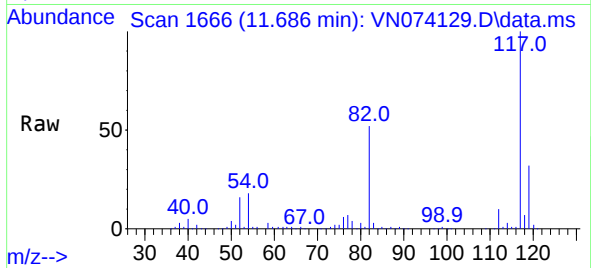




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

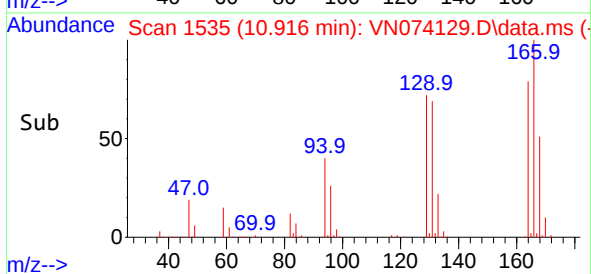
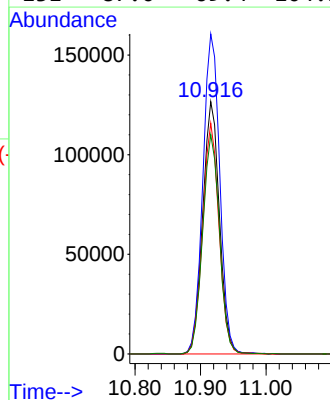
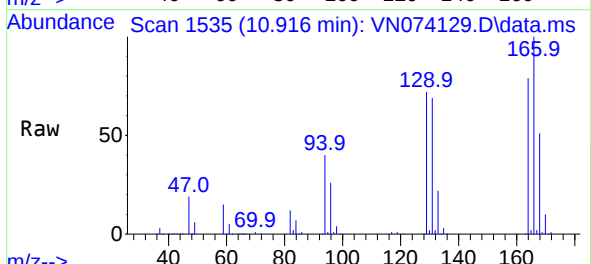
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

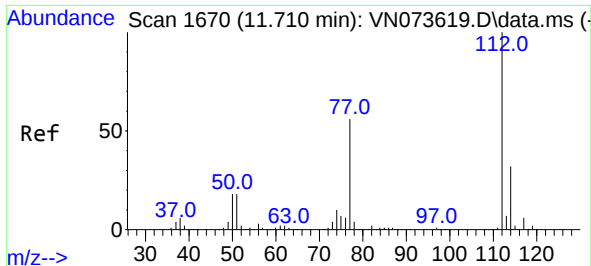
Tgt Ion:117 Resp: 688828  
Ion Ratio Lower Upper  
117 100  
82 52.2 44.2 66.2  
119 31.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 41.571 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:164 Resp: 226013  
Ion Ratio Lower Upper  
164 100  
166 126.8 104.2 156.2  
129 91.5 73.9 110.9  
131 87.0 69.4 104.2

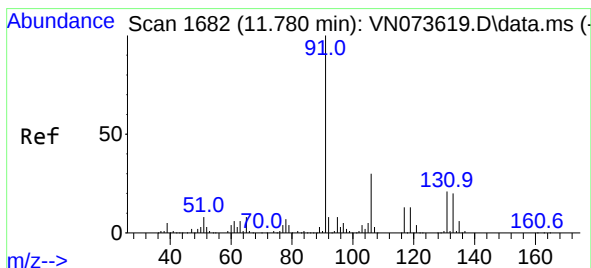
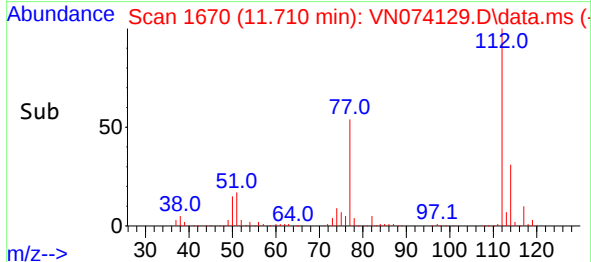
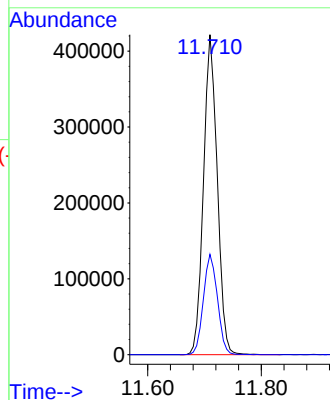
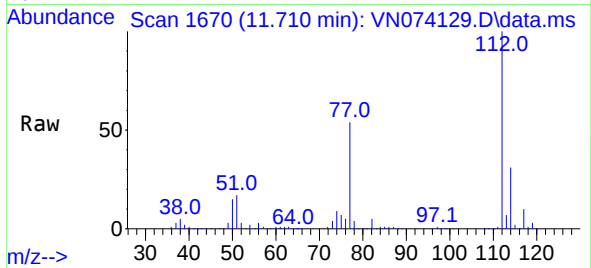




#65  
Chlorobenzene  
Concen: 48.243 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

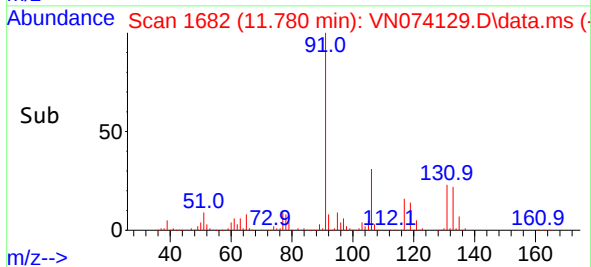
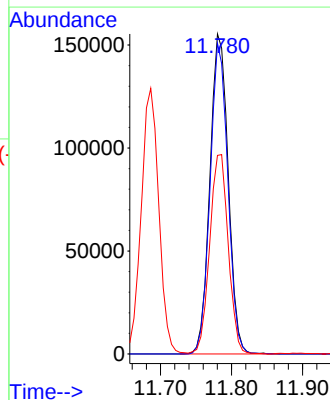
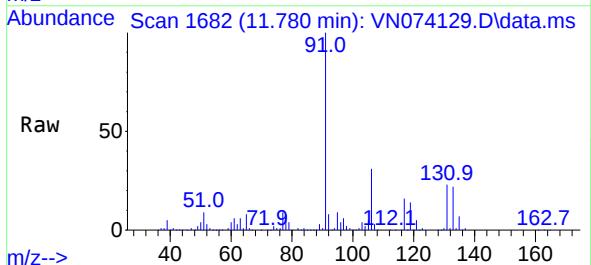
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

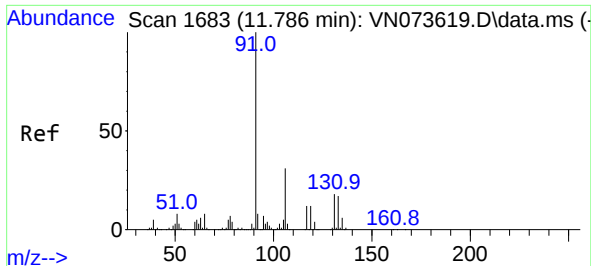
Tgt Ion:112 Resp: 706237  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.113 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:131 Resp: 277805  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.8 143.4  
119 63.3 33.4 100.2





#67

Ethyl Benzene

Concen: 50.239 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074129.D

Acq: 25 Aug 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

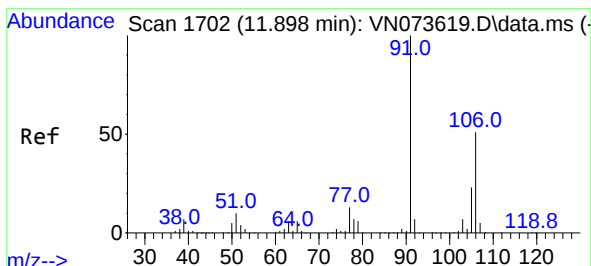
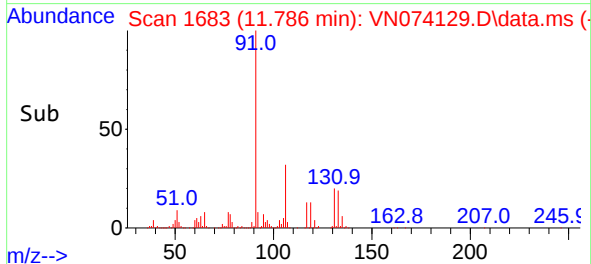
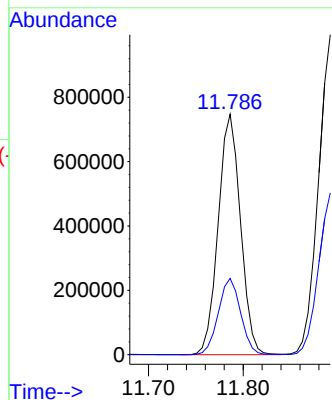
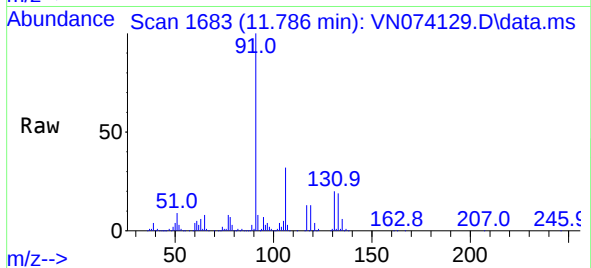
VSTDCCC050EC

Tgt Ion: 91 Resp: 1223106

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 97.894 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN074129.D

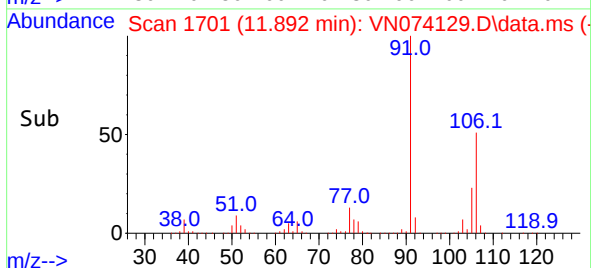
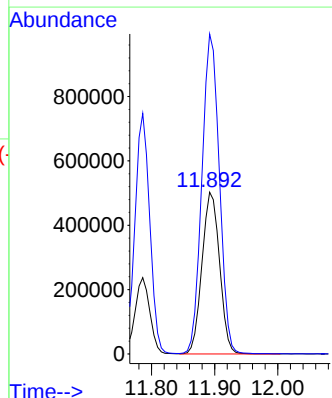
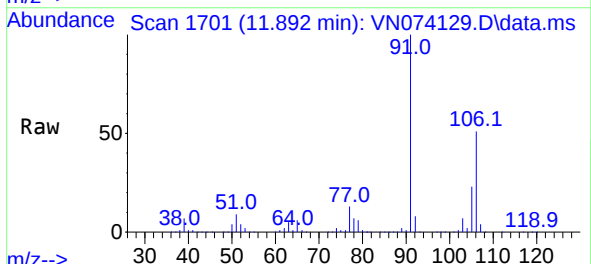
Acq: 25 Aug 2022 21:21

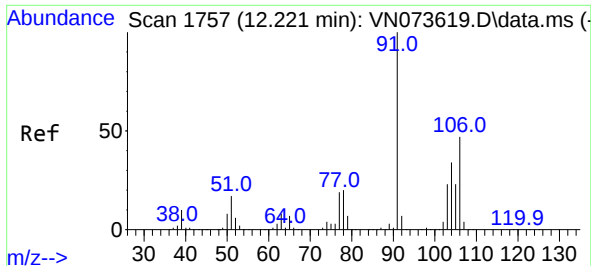
Tgt Ion: 106 Resp: 968359

Ion Ratio Lower Upper

106 100

91 196.6 158.9 238.3

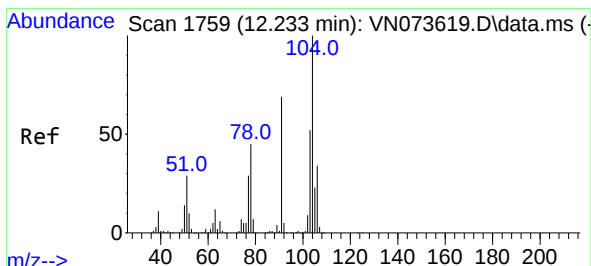
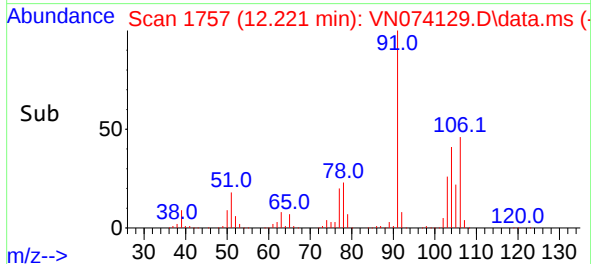
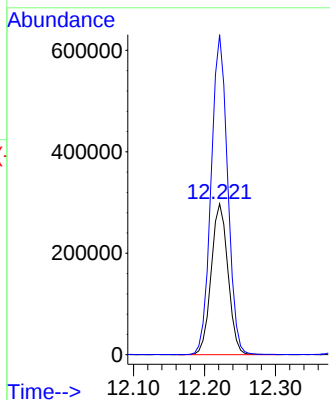
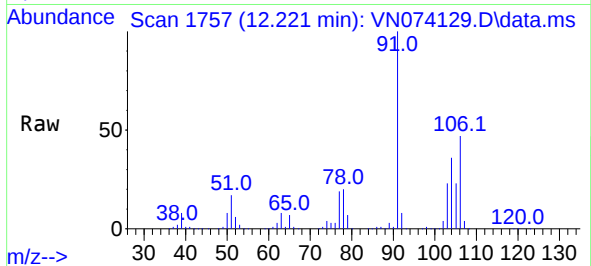




#69  
o-Xylene  
Concen: 49.078 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

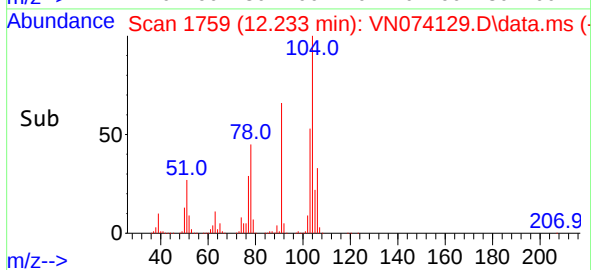
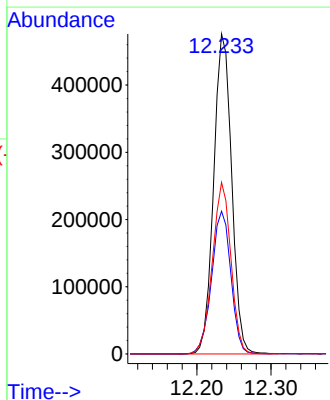
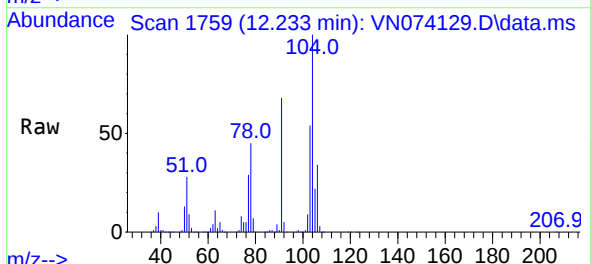
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

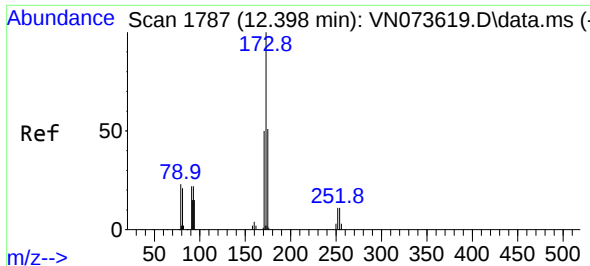
Tgt Ion:106 Resp: 486836  
Ion Ratio Lower Upper  
106 100  
91 209.4 106.0 318.0



#70  
Styrene  
Concen: 51.681 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:104 Resp: 802614  
Ion Ratio Lower Upper  
104 100  
78 47.8 39.5 59.3  
103 55.3 44.0 66.0

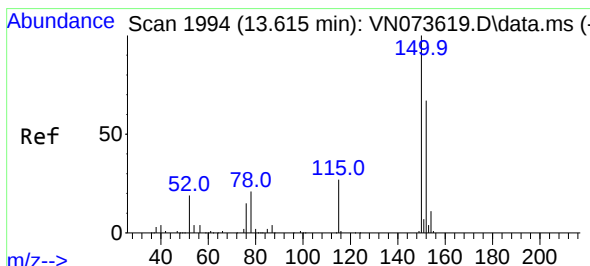
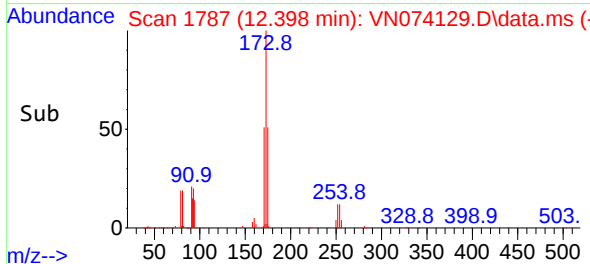
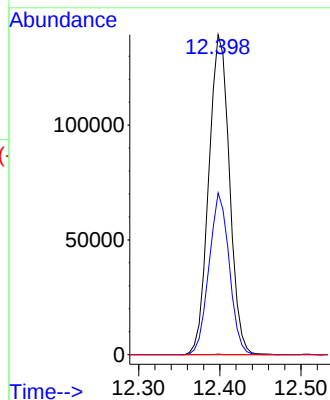
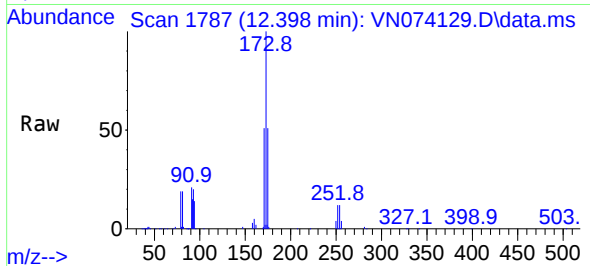




#71  
Bromoform  
Concen: 49.887 ug/l  
RT: 12.398 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

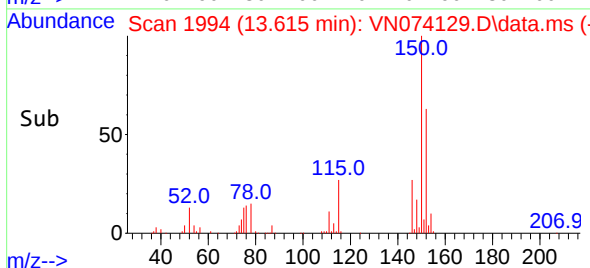
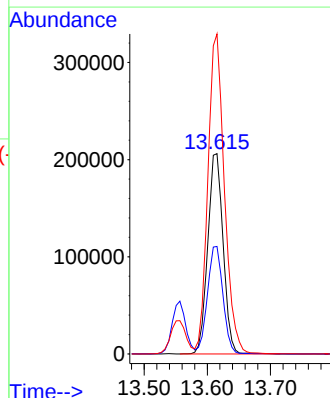
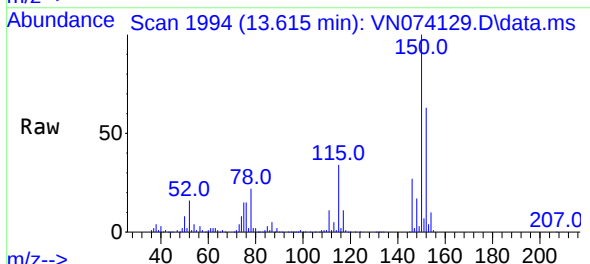
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

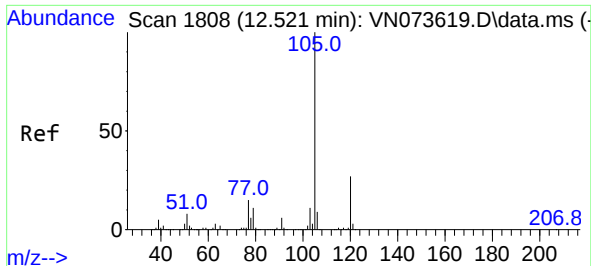
Tgt Ion:173 Resp: 246908  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.6 73.6  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:152 Resp: 349407  
Ion Ratio Lower Upper  
152 100  
115 53.7 28.9 86.7  
150 171.5 0.0 356.2

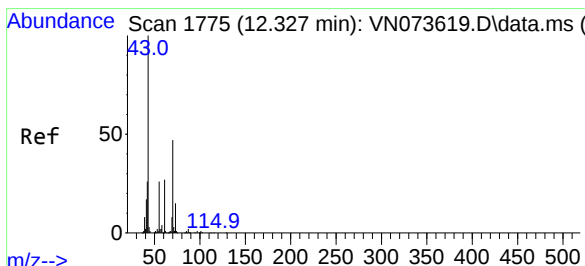
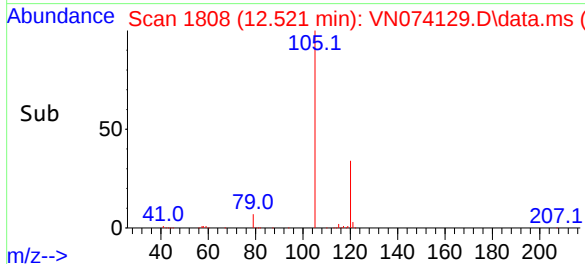
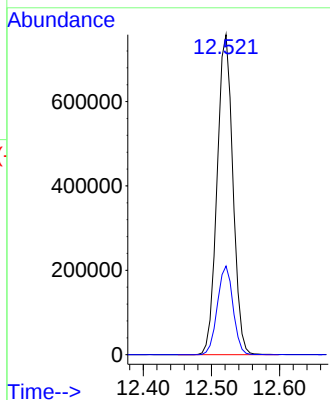
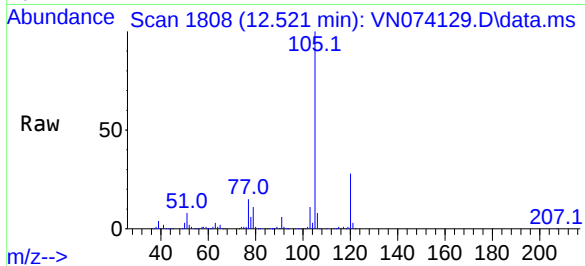




#73  
Isopropylbenzene  
Concen: 47.984 ug/l  
RT: 12.521 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

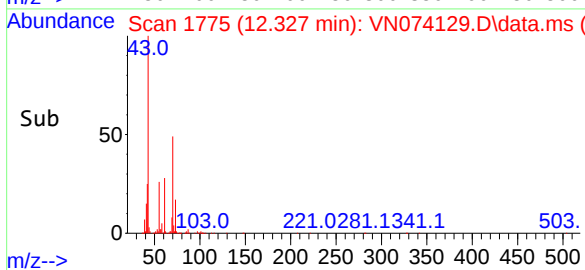
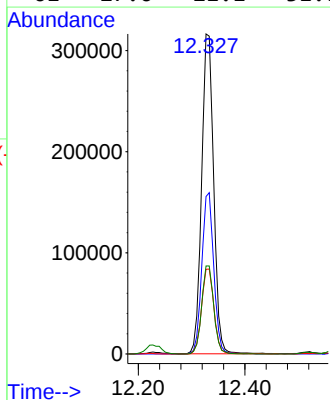
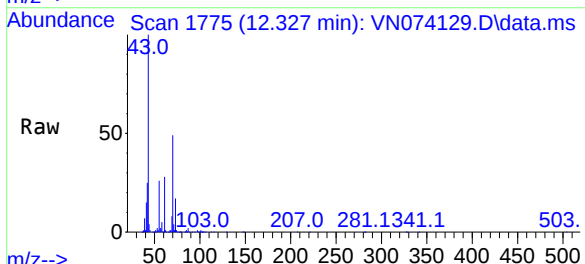
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

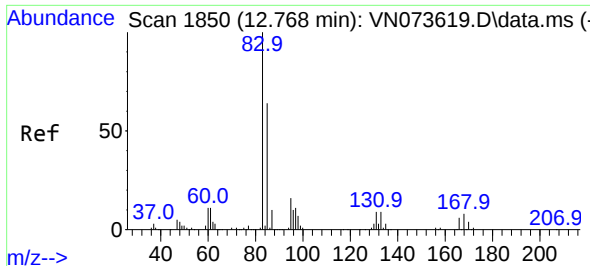
Tgt Ion:105 Resp: 1220851  
Ion Ratio Lower Upper  
105 100  
120 27.5 13.5 40.4



#74  
N-ethyl acetate  
Concen: 51.415 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 43 Resp: 494524  
Ion Ratio Lower Upper  
43 100  
70 50.3 39.0 58.4  
55 27.4 21.1 31.7  
61 27.6 21.1 31.7

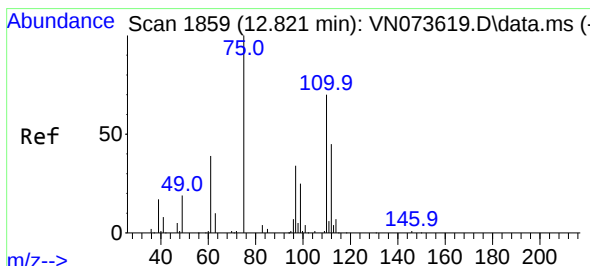
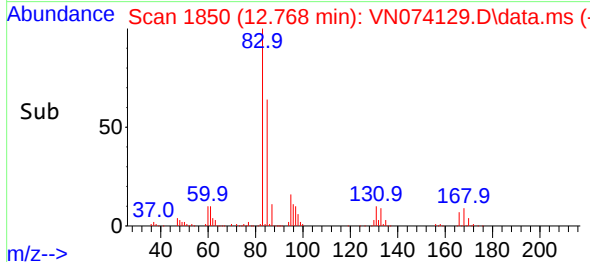
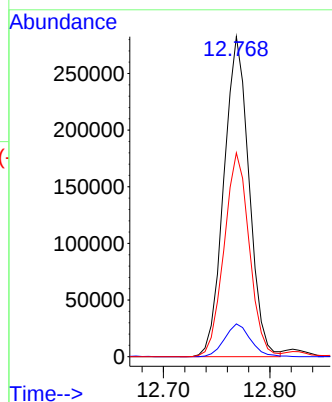
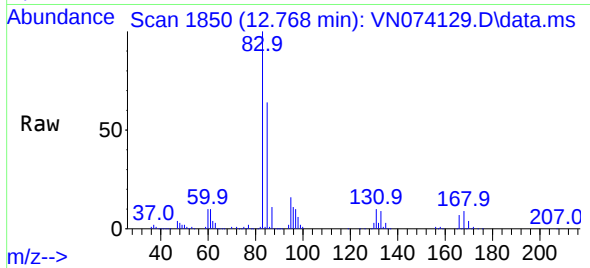




#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.223 ug/l  
RT: 12.768 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

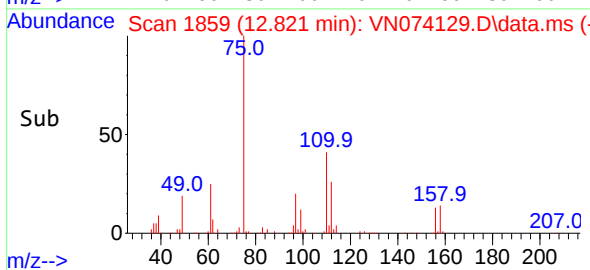
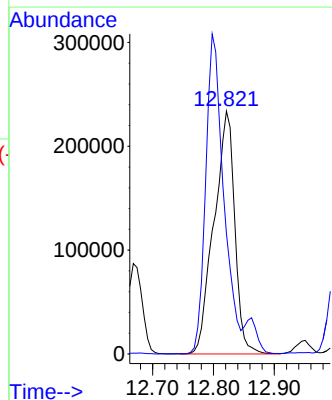
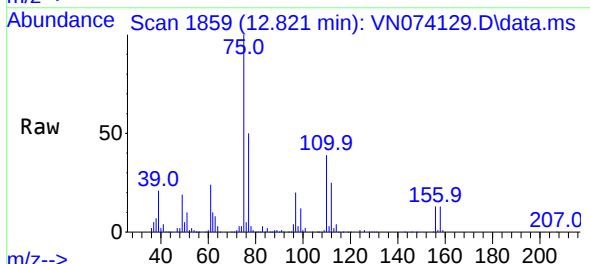
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

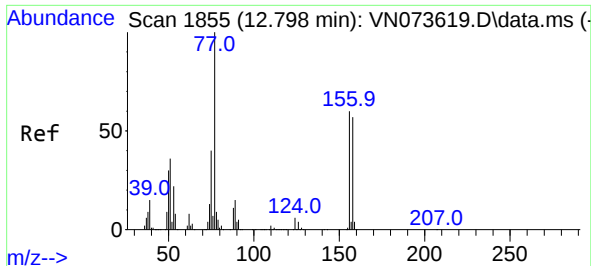
Tgt Ion: 83 Resp: 462949  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.3 15.9  
85 63.9 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 76.354 ug/l  
RT: 12.821 min Scan# 1859  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 75 Resp: 554514  
Ion Ratio Lower Upper  
75 100  
77 0.0 98.5 295.5#

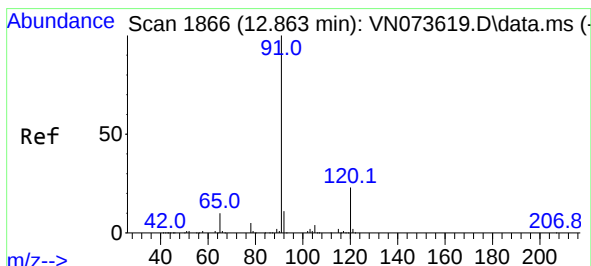
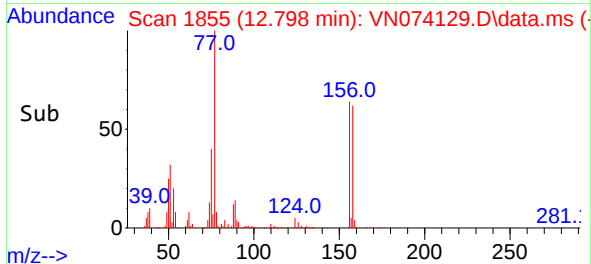
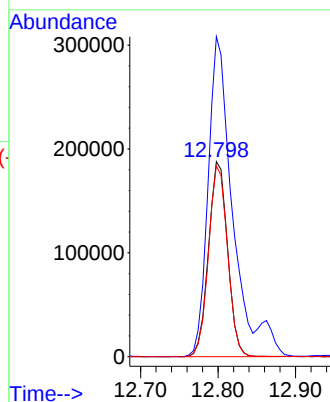
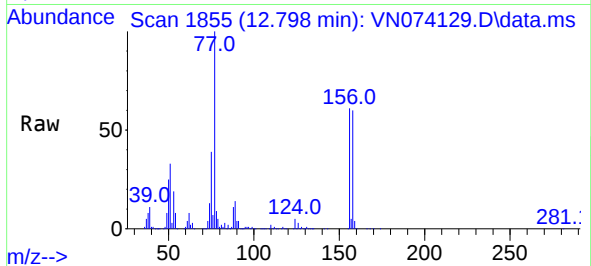




#77  
Bromobenzene  
Concen: 46.685 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

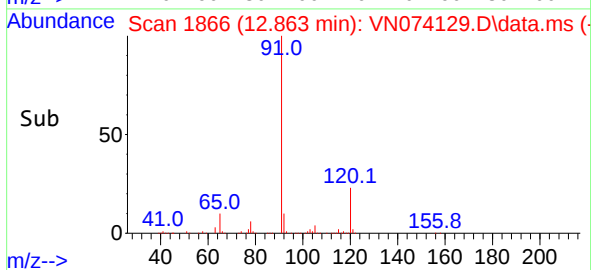
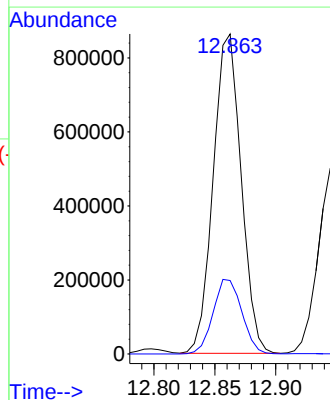
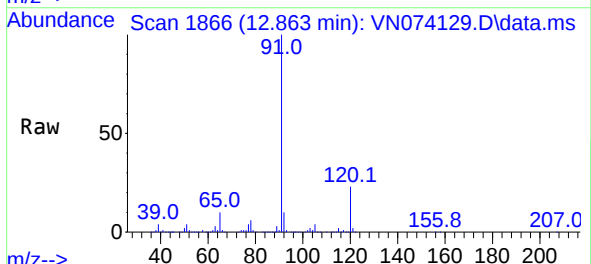
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

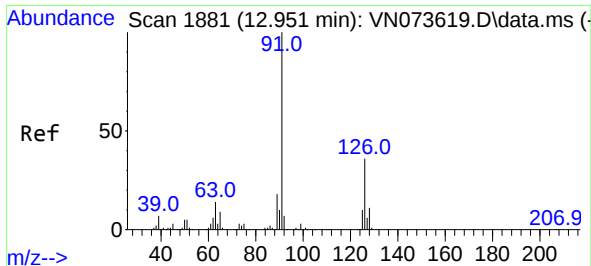
Tgt Ion:156 Resp: 321511  
Ion Ratio Lower Upper  
156 100  
77 196.7 100.5 301.5  
158 97.5 48.9 146.6



#78  
n-propylbenzene  
Concen: 50.745 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 91 Resp: 1376236  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.5

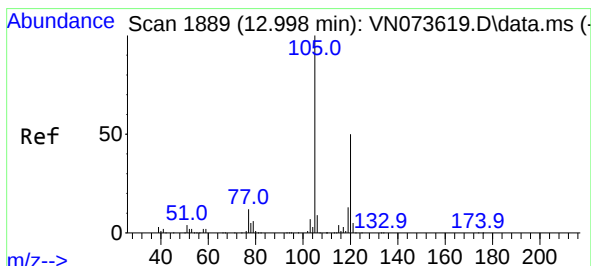
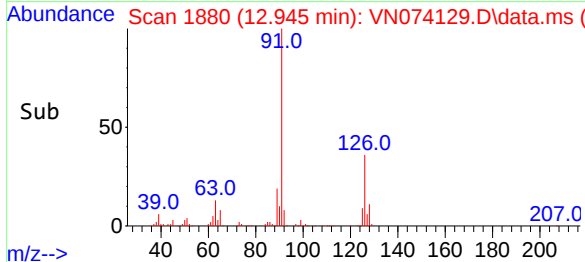
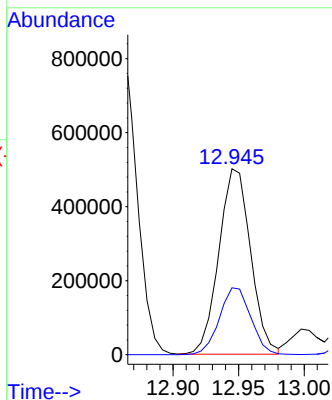
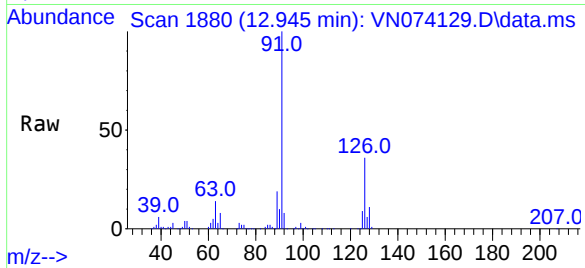




#79  
2-Chlorotoluene  
Concen: 50.064 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

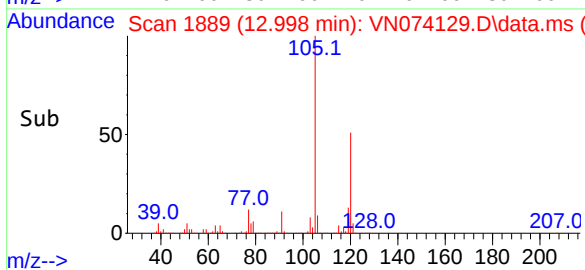
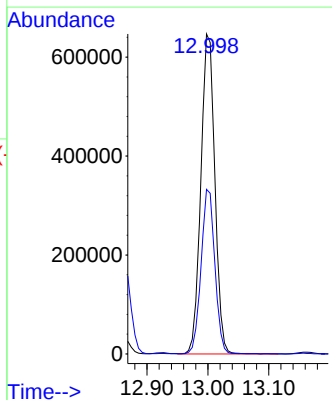
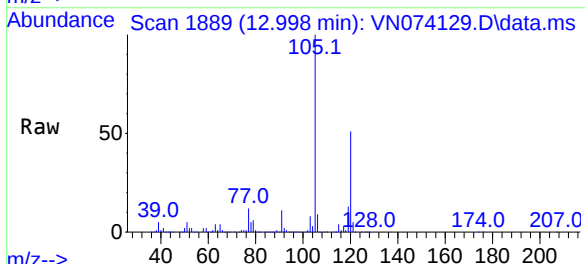
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

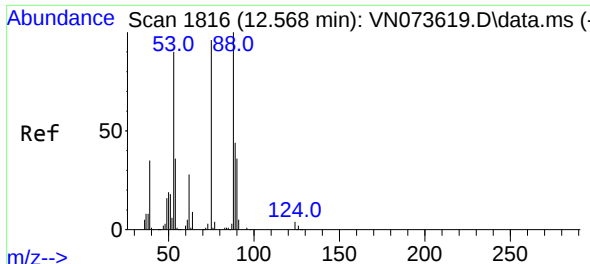
Tgt Ion: 91 Resp: 846130  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 50.034 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:105 Resp: 1035444  
Ion Ratio Lower Upper  
105 100  
120 50.5 24.9 74.7

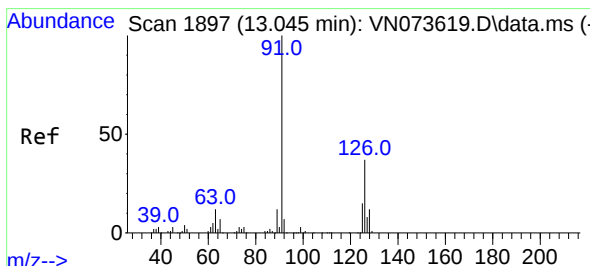
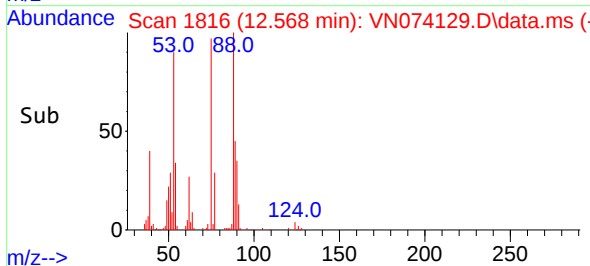
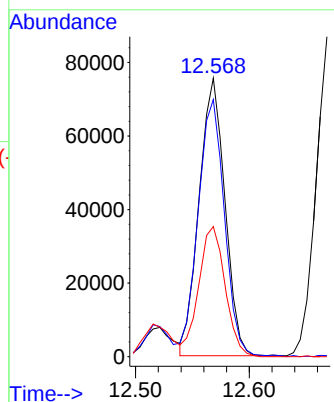
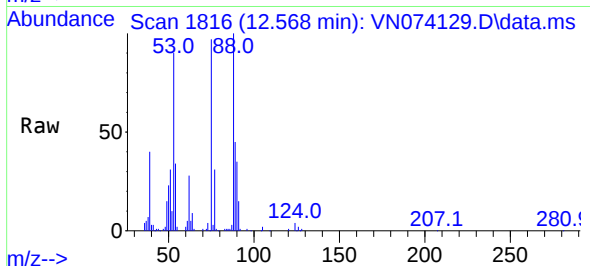




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.705 ug/l  
RT: 12.568 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

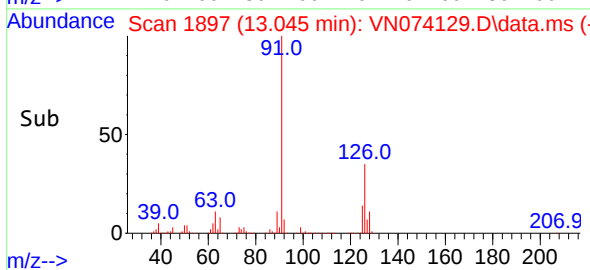
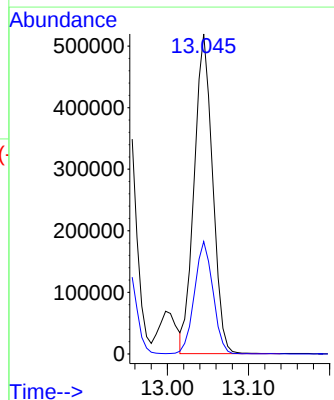
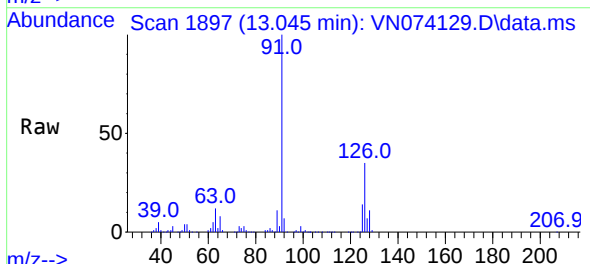
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

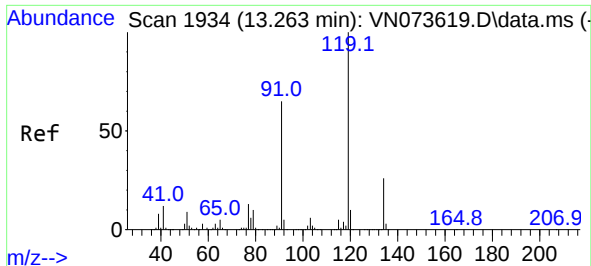
Tgt Ion: 75 Resp: 119258  
Ion Ratio Lower Upper  
75 100  
53 95.6 78.0 117.0  
89 48.1 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 50.846 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 91 Resp: 816194  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.2 51.6

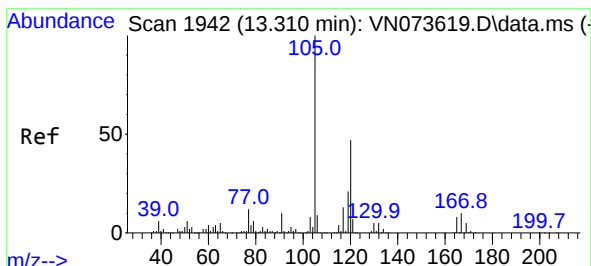
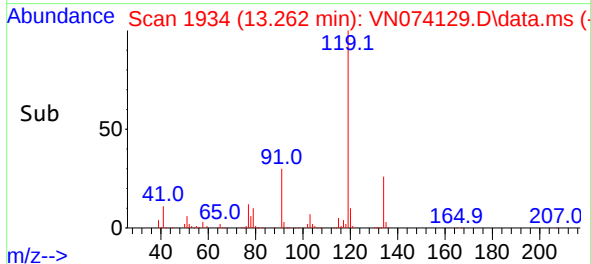
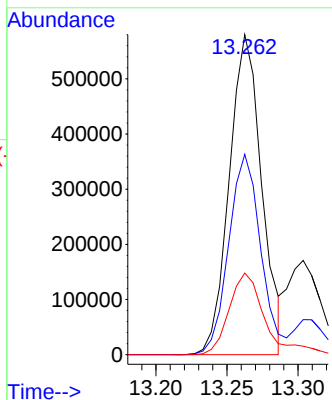
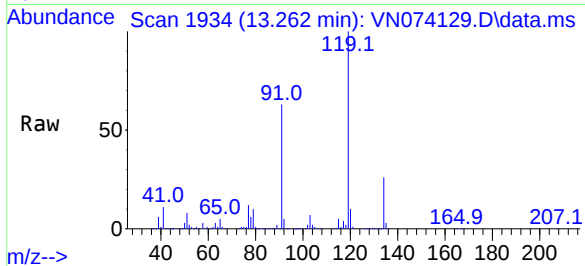




#83  
tert-Butylbenzene  
Concen: 48.425 ug/l  
RT: 13.262 min Scan# 1934  
Delta R.T. -0.001 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

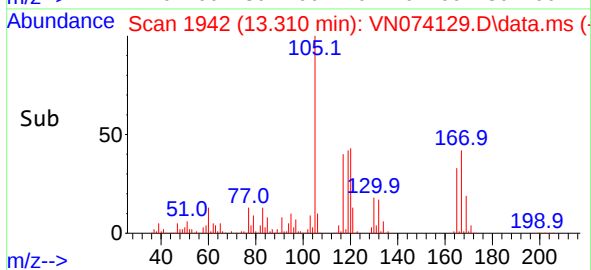
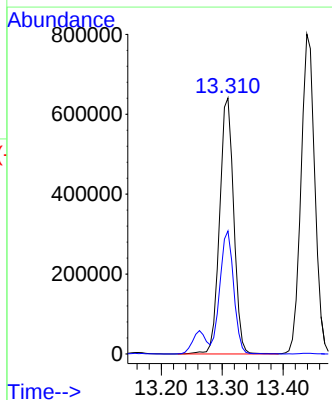
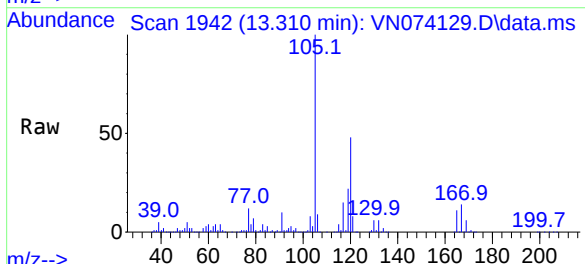
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

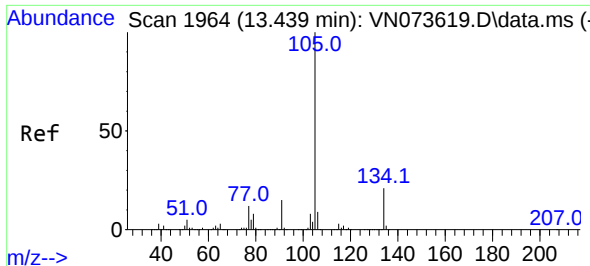
Tgt Ion:119 Resp: 922186  
Ion Ratio Lower Upper  
119 100  
91 62.2 31.6 94.8  
134 28.2 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 49.932 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:105 Resp: 1031899  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.3 69.8

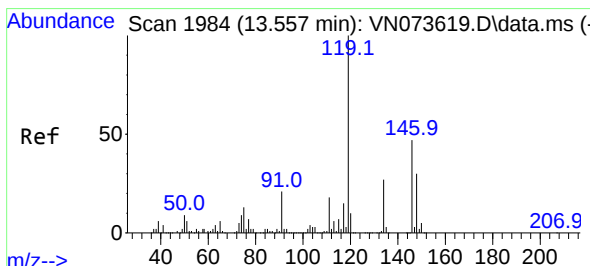
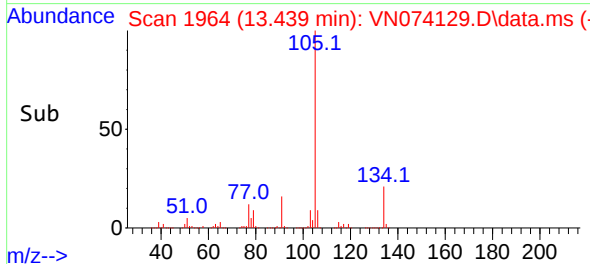
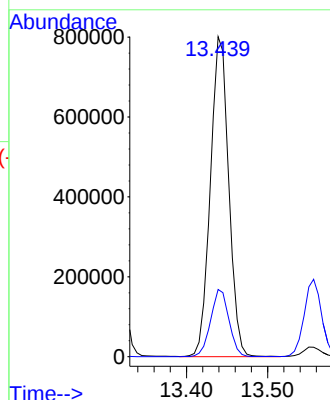
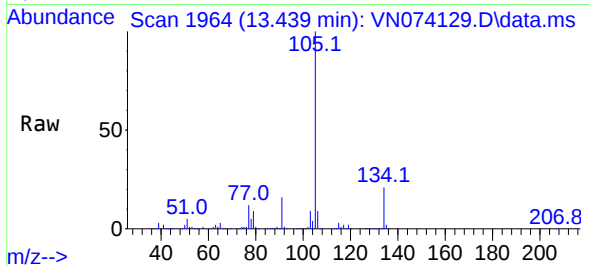




#85  
 sec-Butylbenzene  
 Concen: 50.861 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. -0.000 min  
 Lab File: VN074129.D  
 Acq: 25 Aug 2022 21:21

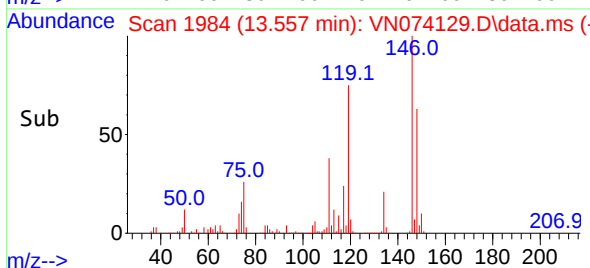
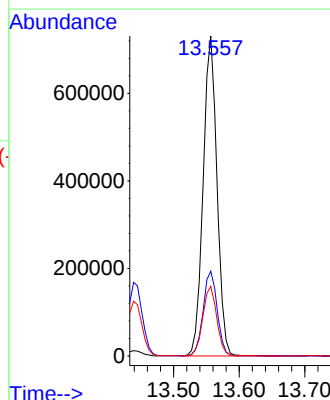
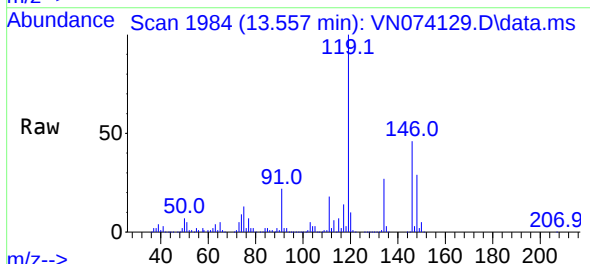
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

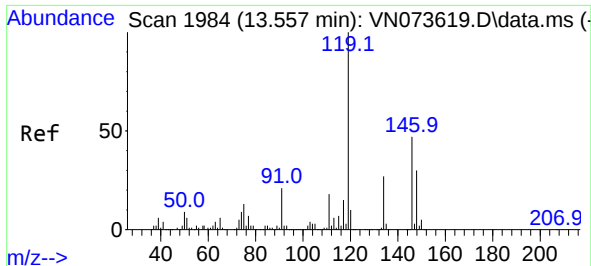
Tgt Ion:105 Resp: 1255526  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 51.174 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN074129.D  
 Acq: 25 Aug 2022 21:21

Tgt Ion:119 Resp: 1076181  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.3 39.8  
 91 21.8 11.3 33.9

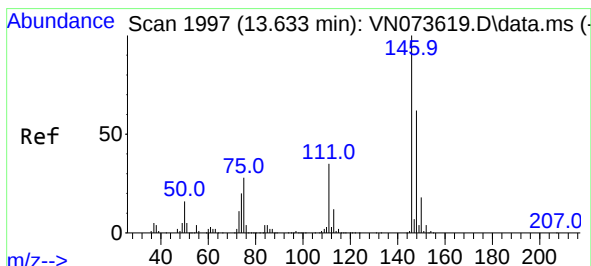
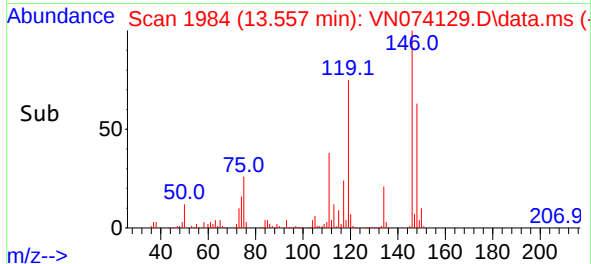
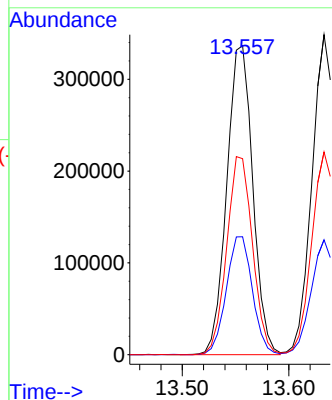
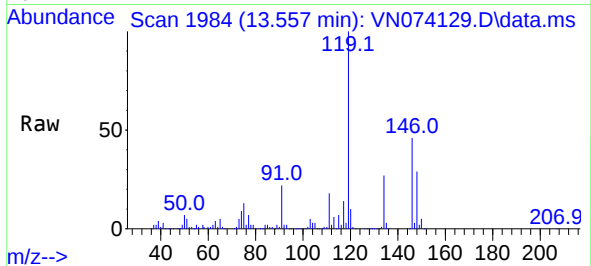




#87  
1,3-Dichlorobenzene  
Concen: 47.875 ug/l  
RT: 13.557 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

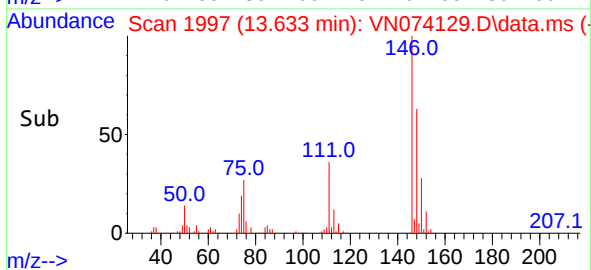
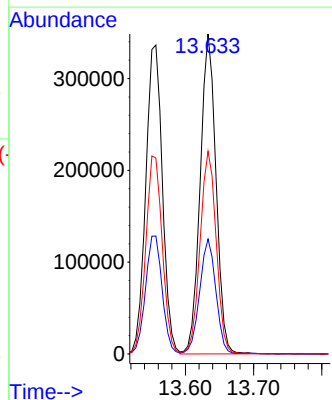
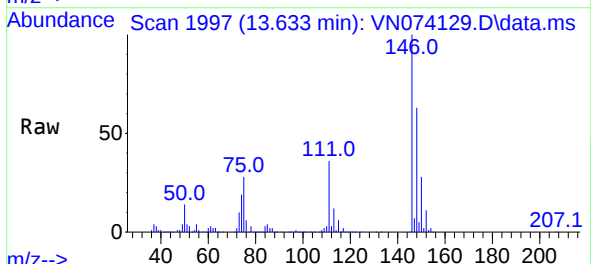
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

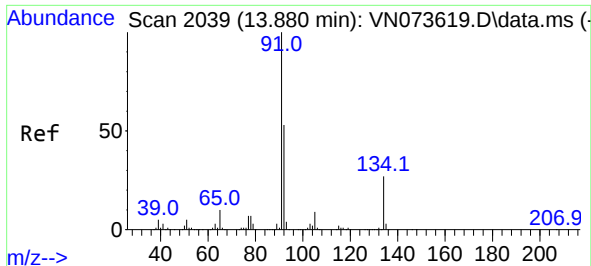
Tgt Ion:146 Resp: 571773  
Ion Ratio Lower Upper  
146 100  
111 38.3 20.0 60.0  
148 63.7 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 46.401 ug/l  
RT: 13.633 min Scan# 1997  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:146 Resp: 561611  
Ion Ratio Lower Upper  
146 100  
111 36.3 19.1 57.1  
148 64.7 31.4 94.3

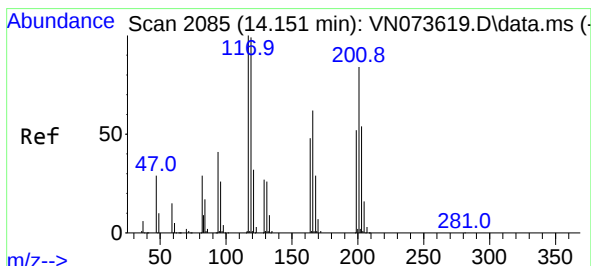
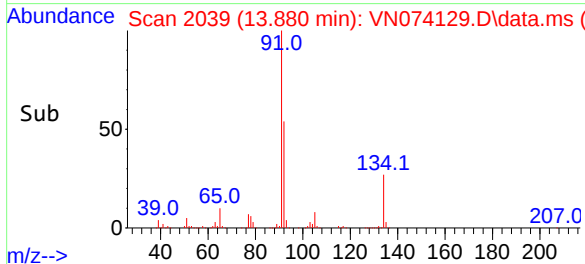
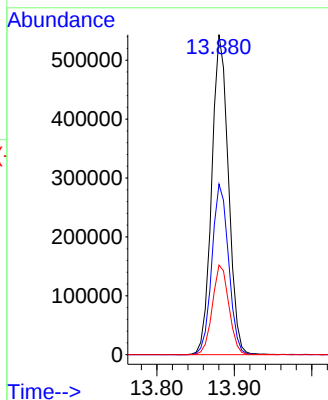
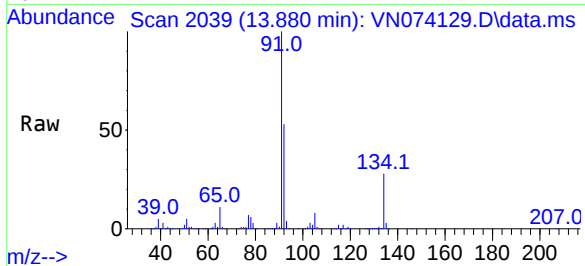




#89  
n-Butylbenzene  
Concen: 48.757 ug/l  
RT: 13.880 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

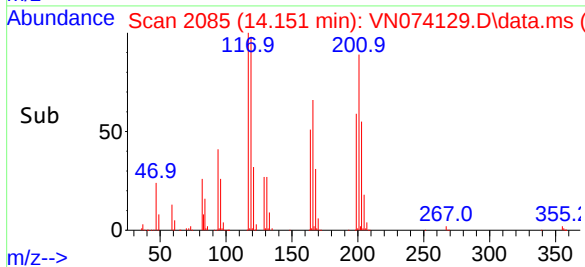
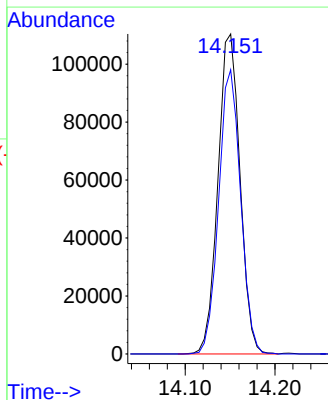
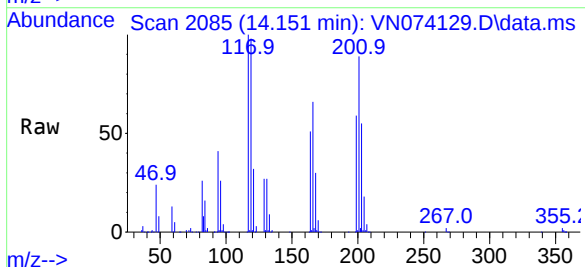
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

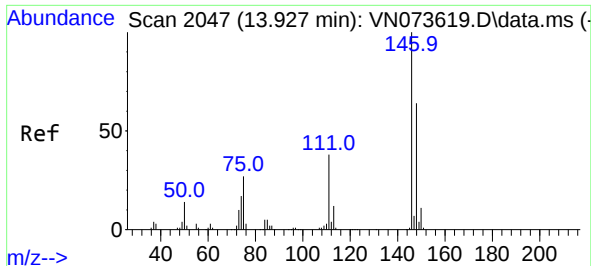
Tgt Ion: 91 Resp: 812150  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.9 80.7  
134 27.7 13.6 40.8



#90  
Hexachloroethane  
Concen: 49.029 ug/l  
RT: 14.151 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 117 Resp: 188470  
Ion Ratio Lower Upper  
117 100  
201 88.2 40.6 122.0

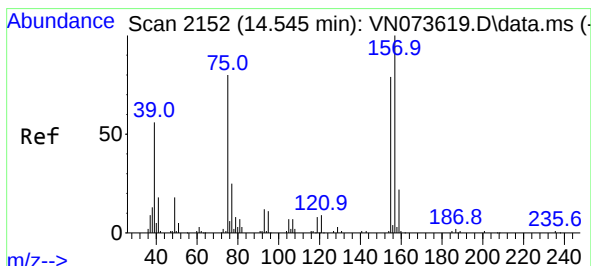
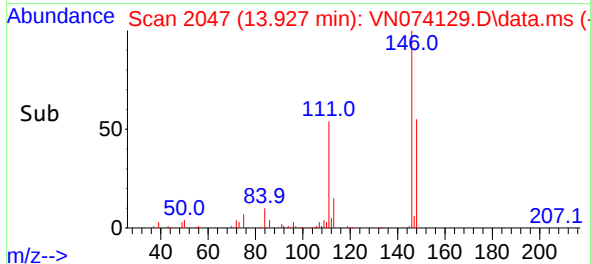
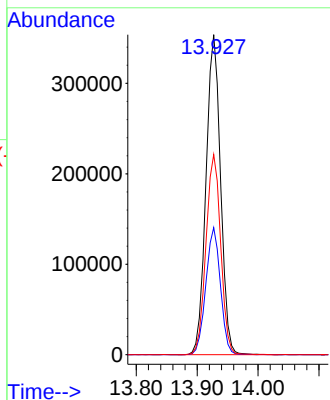
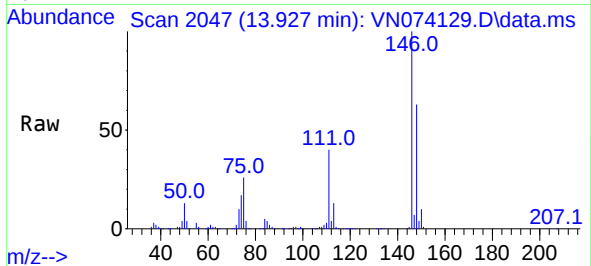




#91  
1,2-Dichlorobenzene  
Concen: 47.591 ug/l  
RT: 13.927 min Scan# 2047  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

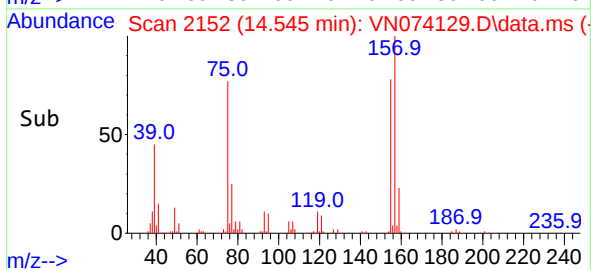
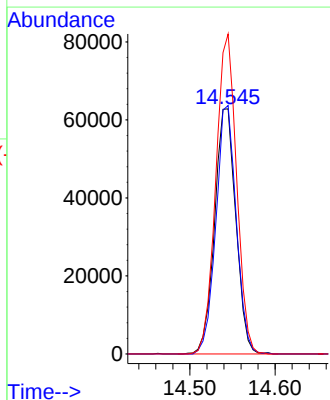
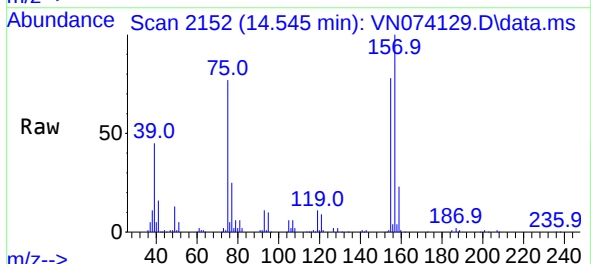
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

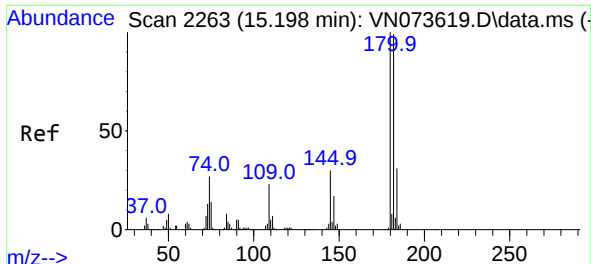
Tgt Ion:146 Resp: 586938  
Ion Ratio Lower Upper  
146 100  
111 39.8 20.9 62.8  
148 63.3 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.937 ug/l  
RT: 14.545 min Scan# 2152  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion: 75 Resp: 108733  
Ion Ratio Lower Upper  
75 100  
155 97.1 44.9 134.5  
157 127.4 59.0 176.8

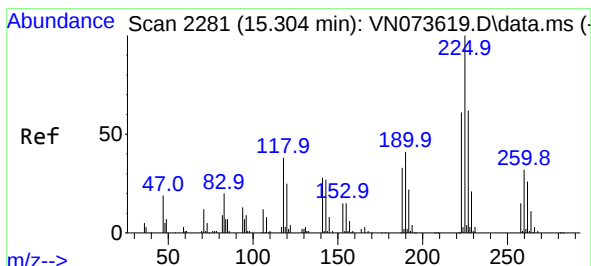
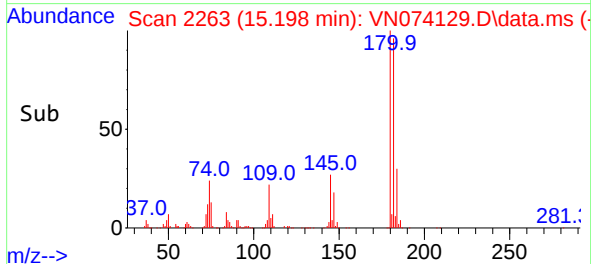
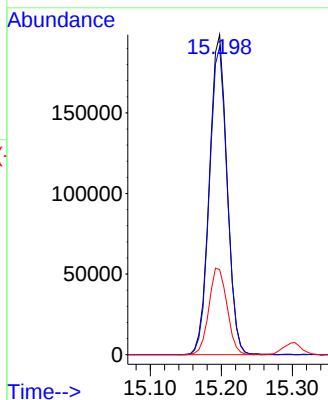
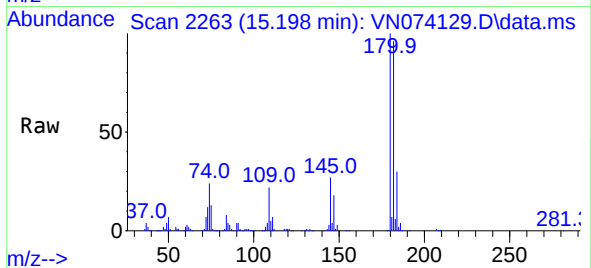




#93  
1,2,4-Trichlorobenzene  
Concen: 45.800 ug/l  
RT: 15.198 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

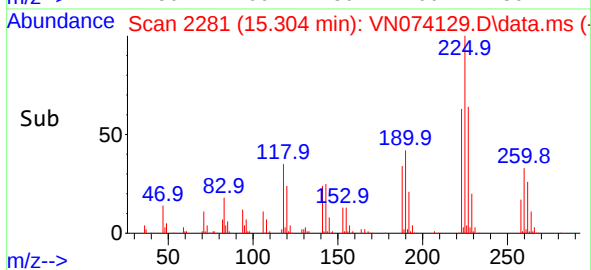
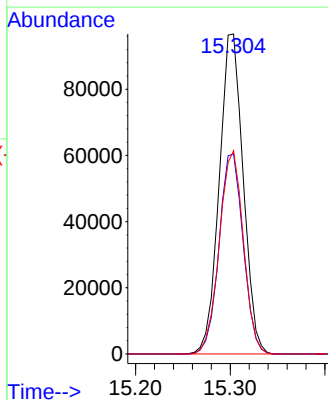
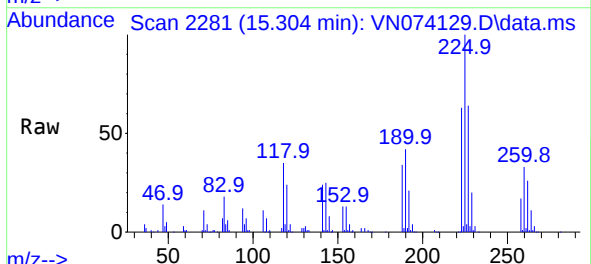
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

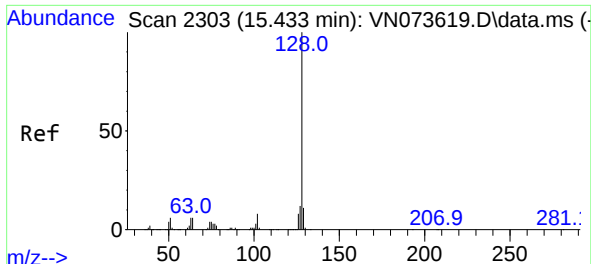
Tgt Ion:180 Resp: 343784  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.5 142.5  
145 27.8 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 42.967 ug/l  
RT: 15.304 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:225 Resp: 170012  
Ion Ratio Lower Upper  
225 100  
223 63.1 32.4 97.2  
227 63.6 31.8 95.4

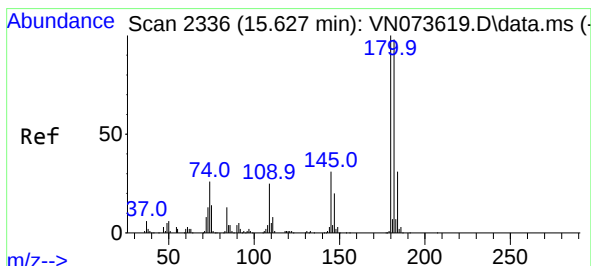
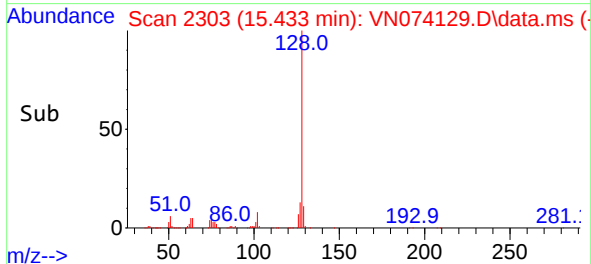
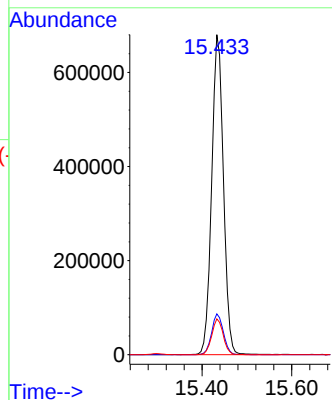
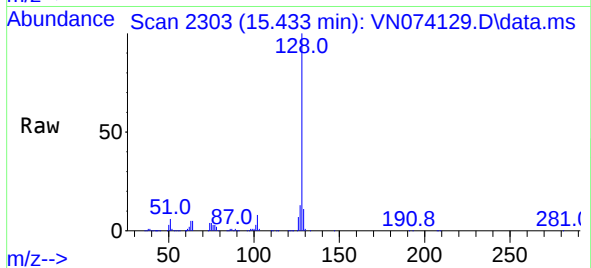




#95  
Naphthalene  
Concen: 50.548 ug/l  
RT: 15.433 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 1236984  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 46.232 ug/l  
RT: 15.627 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VN074129.D  
Acq: 25 Aug 2022 21:21

Tgt Ion:180 Resp: 358692  
Ion Ratio Lower Upper  
180 100  
182 97.0 47.8 143.3  
145 30.3 15.5 46.5

